User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 15:15:35

Sample: AD30933
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 15:14 Ended: 1/28/02 15:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		99		5.0

Comments for Sample AD30933 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:15:46

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D Vial: 50
Acq On : 2 Jan 2002 2:22 pm Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 10:08 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	746094	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2849668	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.57	164	1438973	20.00	ug/l	0.00
29) Phenanthrene-d10	24.99	188	2127955	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1298575	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	732360	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	116102	4.96	ug/mL	0.00
Spiked Amount 5.000			Recovery = 99.20%			
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	15.33	128	338	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	21.11	165	1467	N.D.		
25) Diethylphthalate	22.14	149	2368	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D Vial: 50
Acq On : 2 Jan 2002 2:22 pm Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 10:08 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	703	N.D.	
34)	Anthracene	24.98	178	703	N.D.	
35)	Di-n-butylphthalate	27.05	149	9010	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.52	149	2217	N.D.	
41)	Benzo(a)anthracene	33.01	228	4963	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	12018	N.D.	
43)	Chrysene	33.10	228	4282	N.D.	
45)	Di-n-Octylphthalate	35.05	149	1634	N.D.	
46)	Benzo(b)fluoranthene	36.17	252	4127	N.D.	
47)	Benzo(k)fluoranthene	36.17	252	3349	N.D.	
48)	Benzo(a)pyrene	36.99	252	212	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

Quantitation Report

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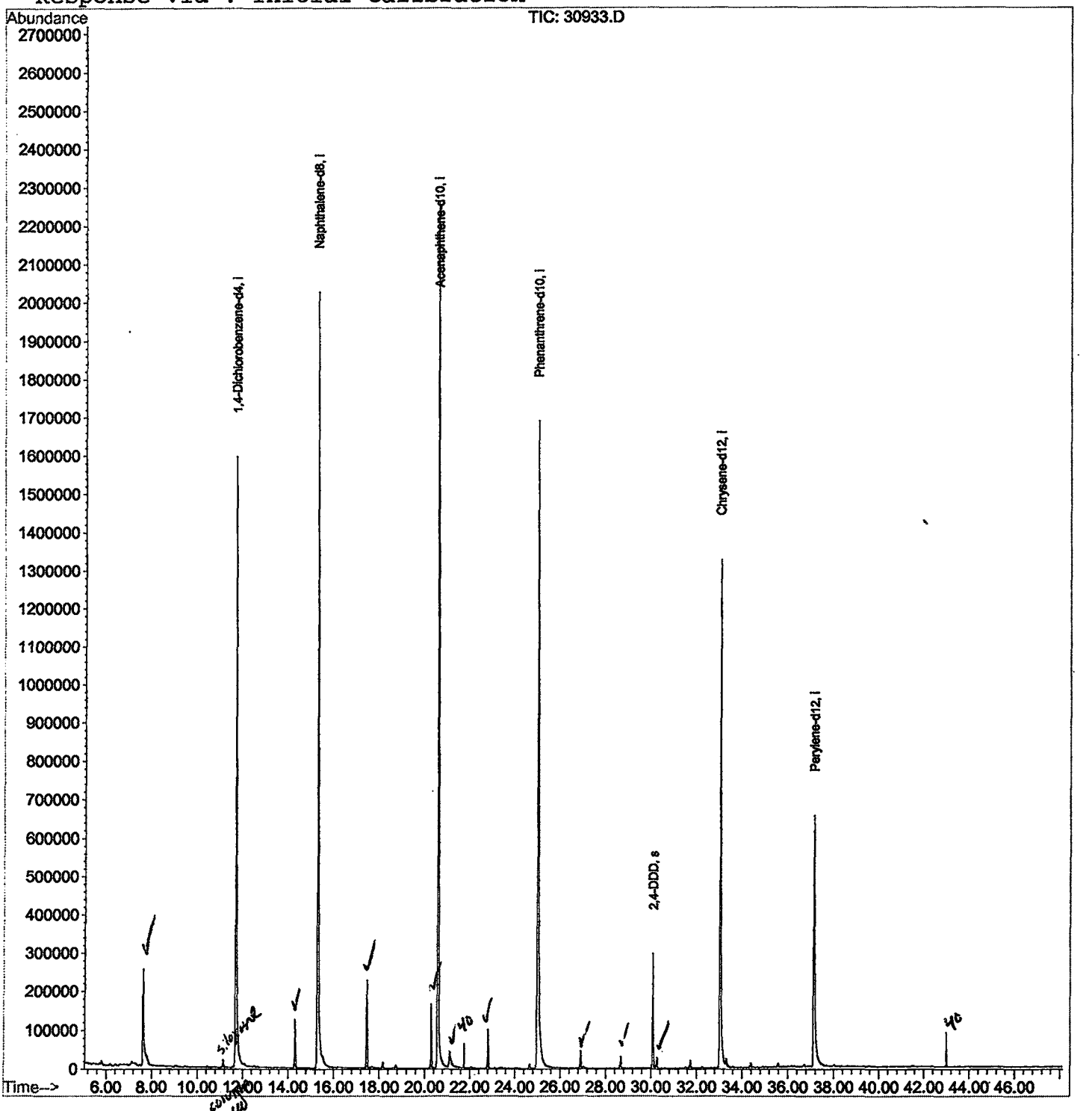
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 25 10:08 2002

Vial: 50
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 : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
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
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

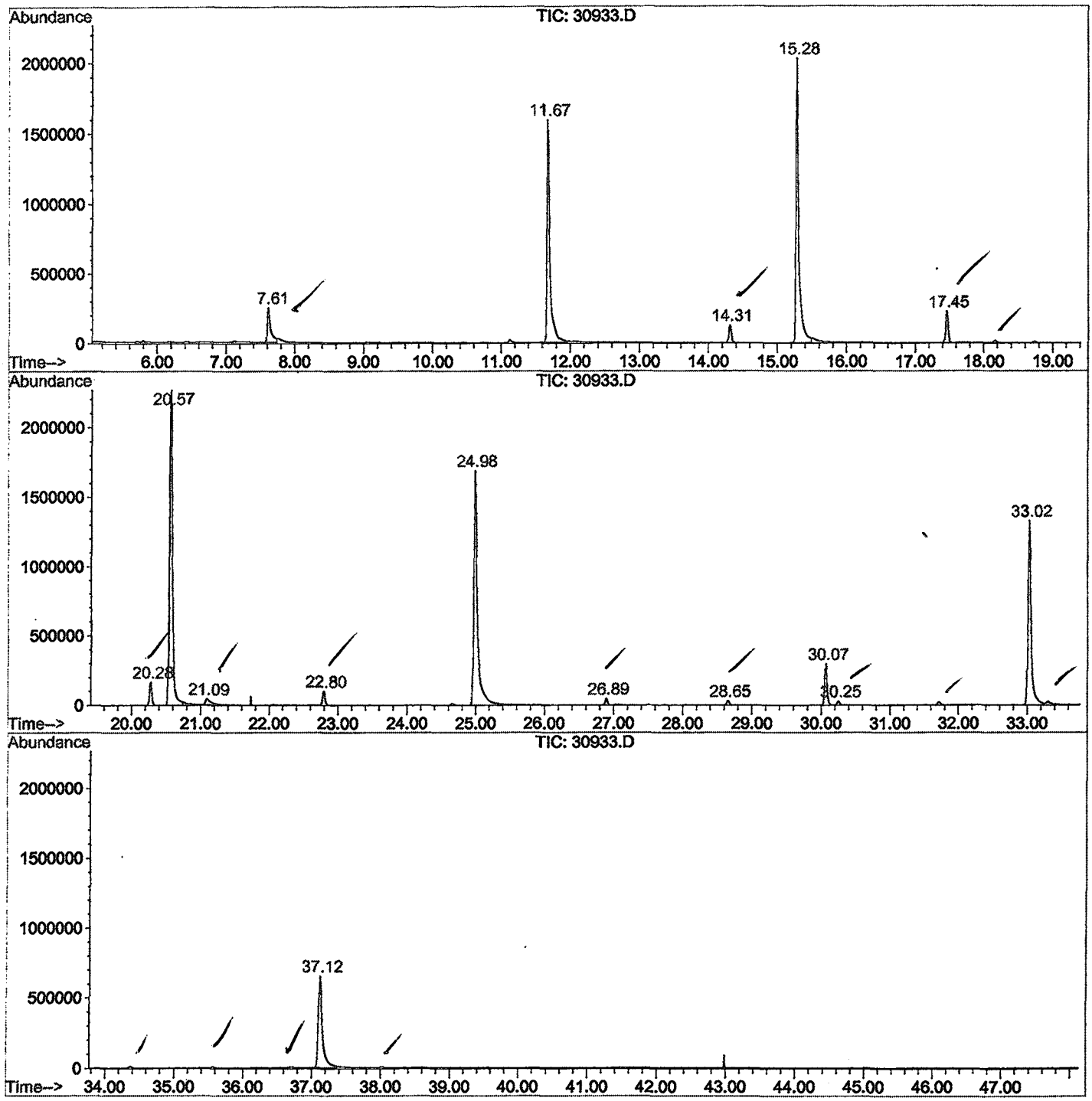
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.613	276	280	294	rBV	248024	810866	12.80%	2.448%
2	11.671	717	722	754	rBV	1592601	4647145	73.36%	14.029%
3	14.305	1003	1009	1021	rBV	125265	313164	4.94%	0.945%
4	15.279	1110	1115	1138	rBV	2024800	5665329	89.44%	17.103%
5	17.454	1347	1352	1361	rBV	225128	534649	8.44%	1.614%
6	20.282	1654	1660	1669	rBV	164050	374048	5.90%	1.129%
7	20.566	1684	1691	1710	rBV	2263661	6334476	100.00%	19.123%
8	21.090	1742	1748	1773	rBV2	40884	230233	3.63%	0.695%
9	22.797	1927	1934	1940	rBV	99563	234453	3.70%	0.708%
10	24.982	2164	2172	2211	rBV2	1690156	6118481	96.59%	18.471%
11	26.892	2374	2380	2386	rBV	45389	98199	1.55%	0.296%
12	28.654	2565	2572	2580	rBV	31008	75970	1.20%	0.229%
13	30.068	2720	2726	2741	rBV	296226	729748	11.52%	2.203%
14	30.252	2741	2746	2753	rVB	27471	65868	1.04%	0.199%
15	33.024	3041	3048	3072	rBV2	1326252	4207604	66.42%	12.702%
16	37.118	3487	3494	3522	rBV2	650113	2684873	42.39%	8.105%

Sum of corrected areas: 33125106

30933.D GCMS1126.M Fri Jan 25 11:43:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 2:22 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 50
Quant File :GCMS1126.RES (RTE Integrator)



30933.D GCMS1126.M Fri Jan 25 11:43:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

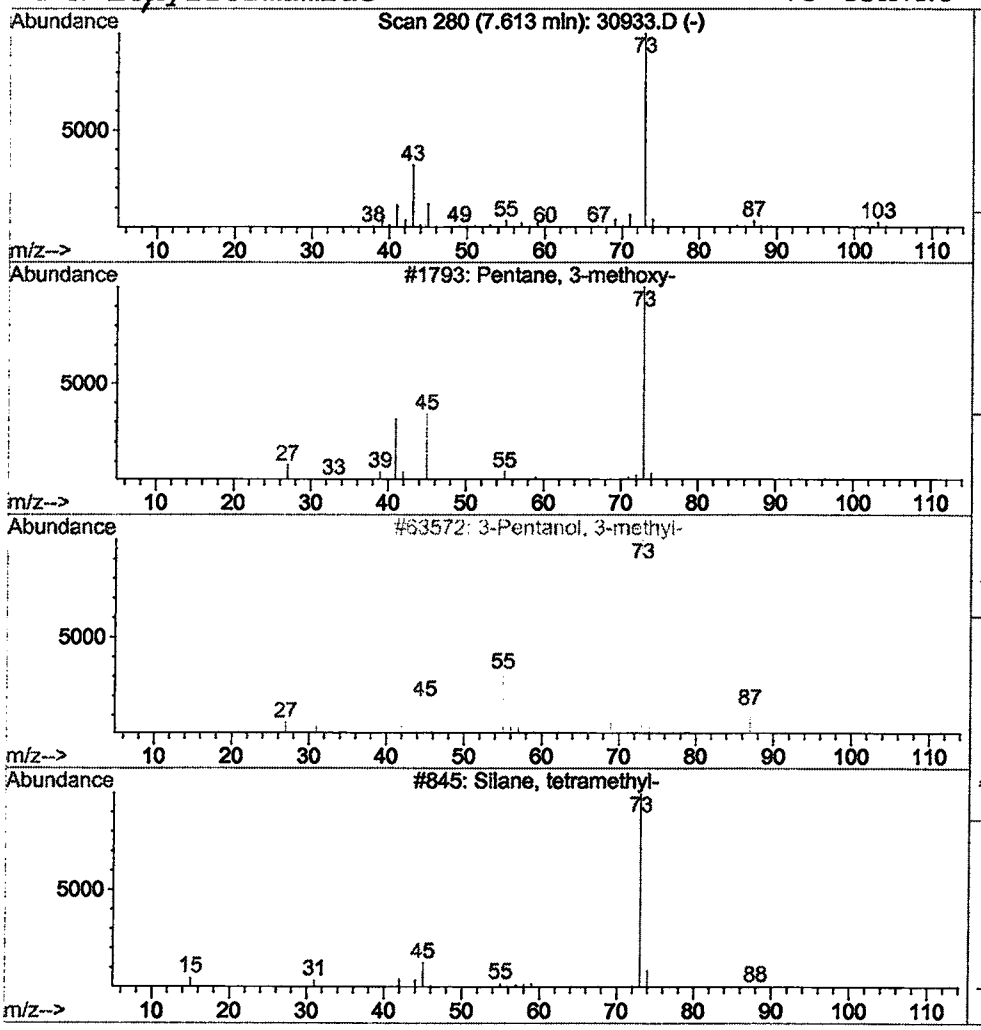
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

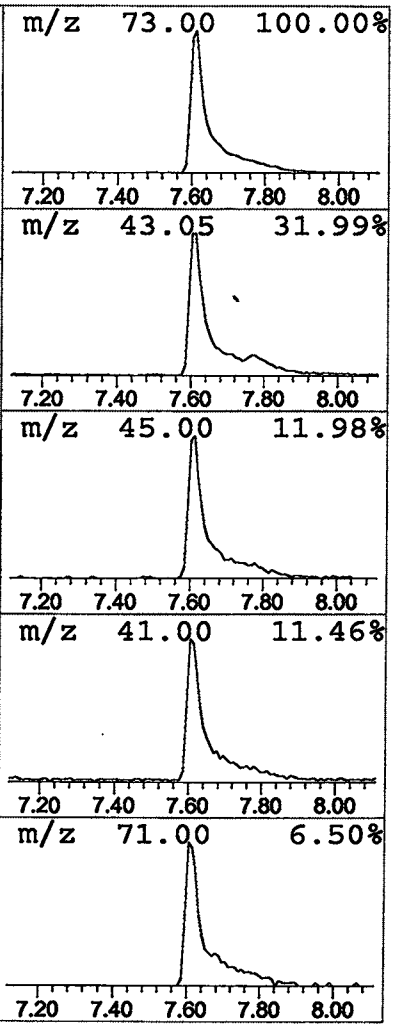
****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.49 ug/l	810866	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

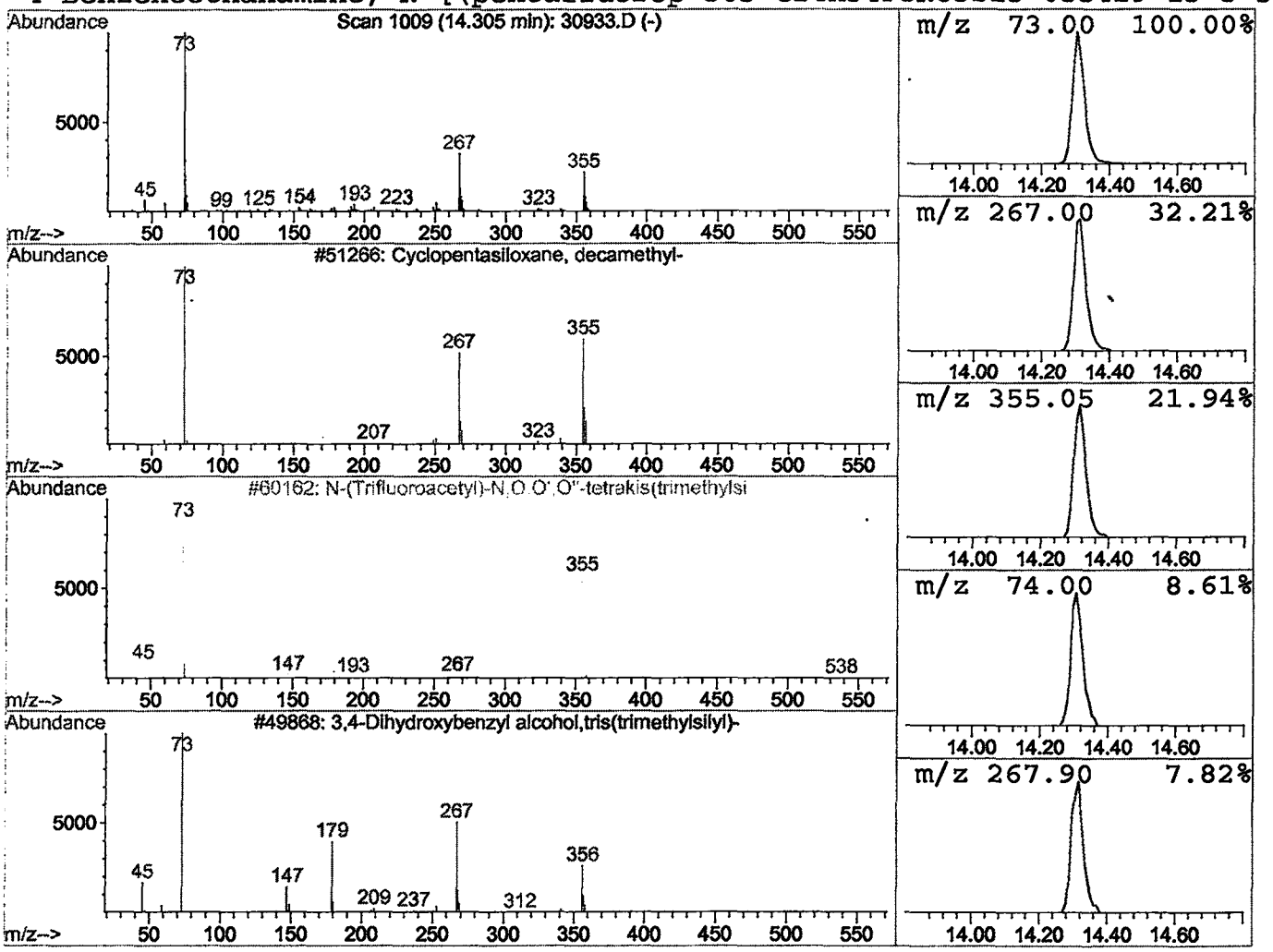
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	1.11 ug/l	313164	Naphthalene-d8	15.28

Hit# of 5	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	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

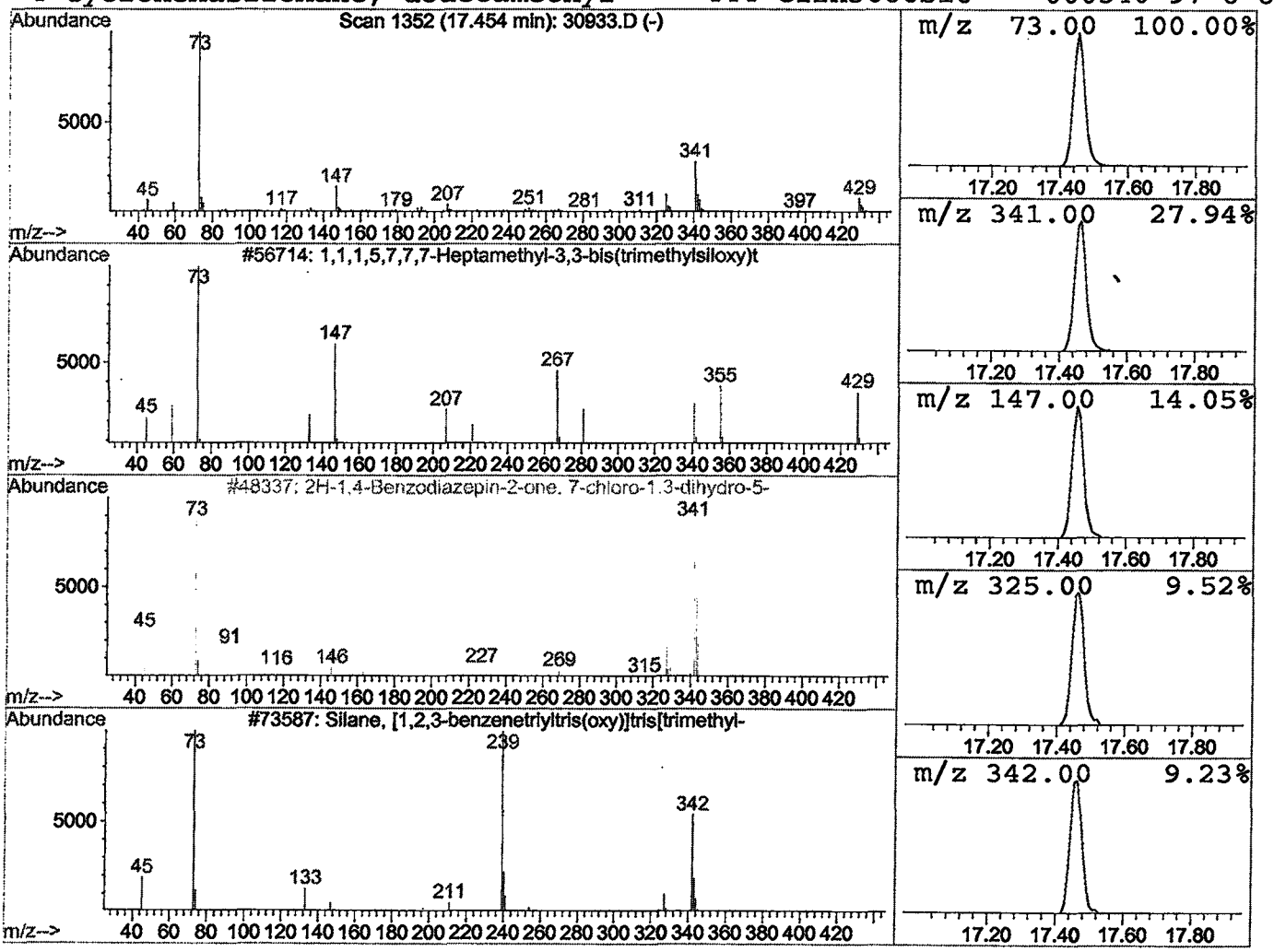
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.89 ug/l	534649	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	35
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	9
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	8



Library Search Compound Report

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Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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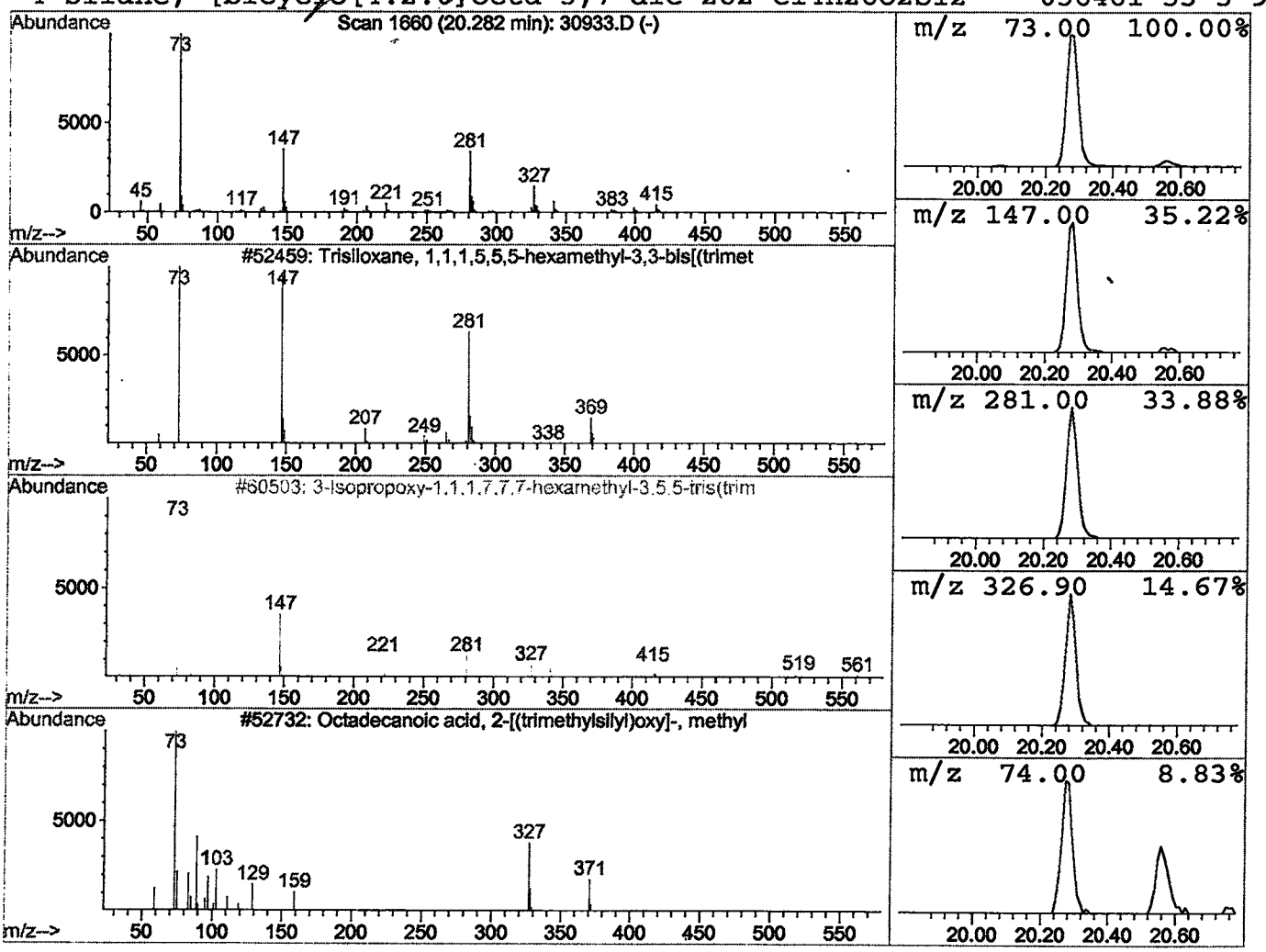
****

Peak Number 4 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	1.18 ug/l	374048	Acenaphthene-d10	20.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	40
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	10
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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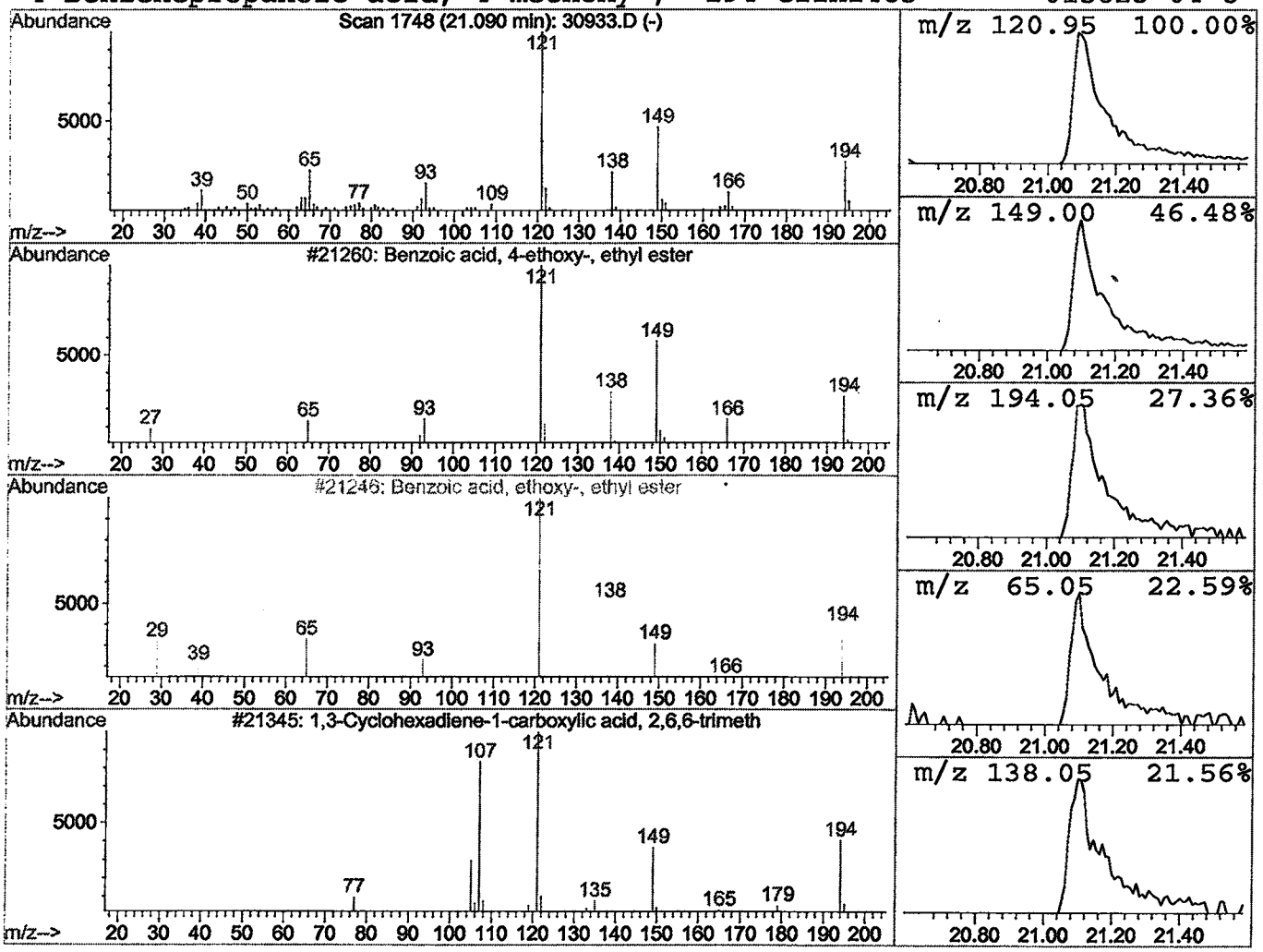
****

Peak Number 5 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	0.73 ug/l	230233	Acenaphthene-d10	20.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	95
2	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	64
3	1,3-Cyclohexadiene-1-carboxylic aci	194	C12H18O2	035044-59-8	50
4	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	43



Library Search Compound Report

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Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

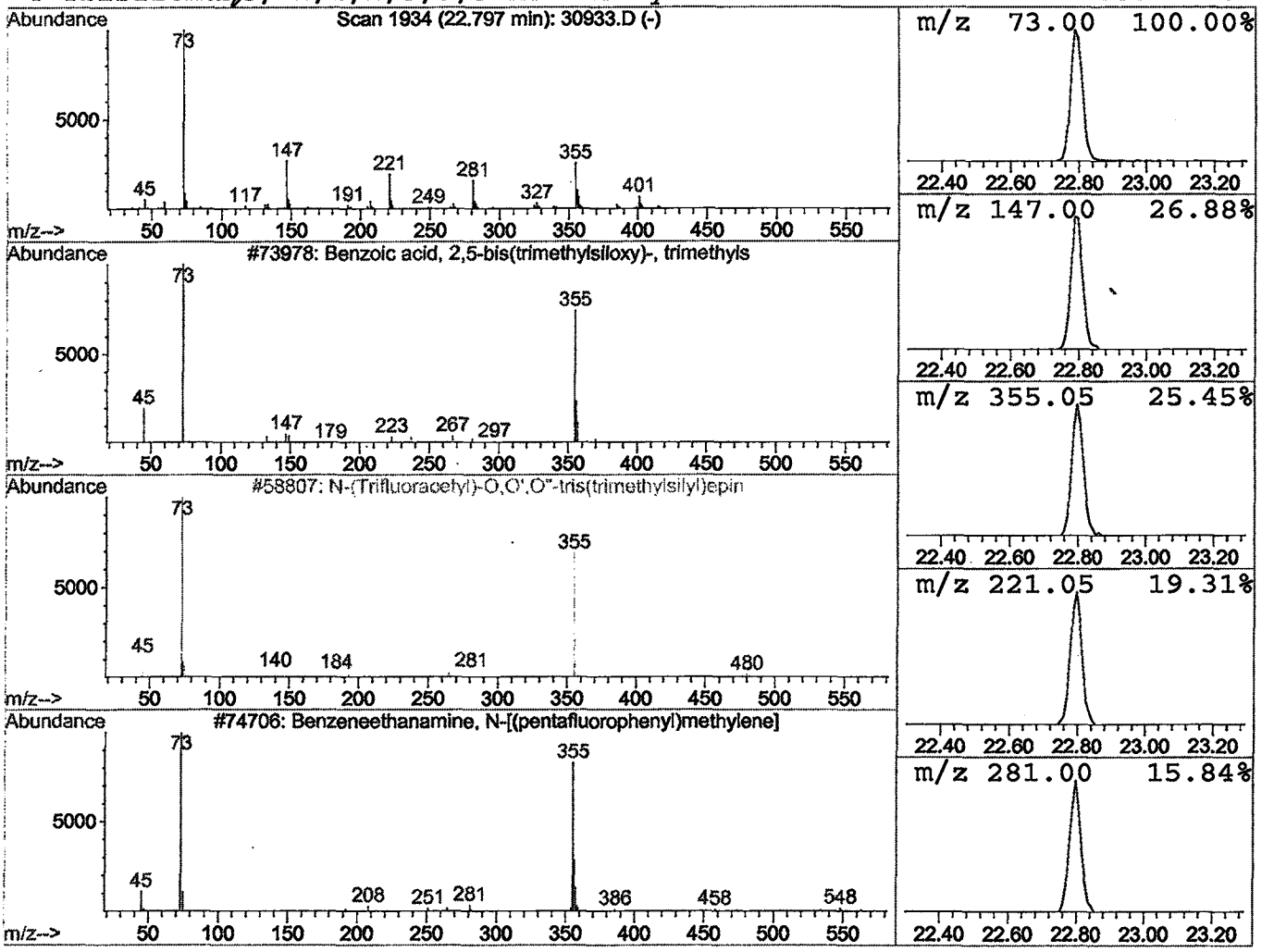
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Benzoic acid, 2,5-bis(trimethy Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.77 ug/l	234453	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	35
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	35
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	35
4	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25



Library Search Compound Report

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Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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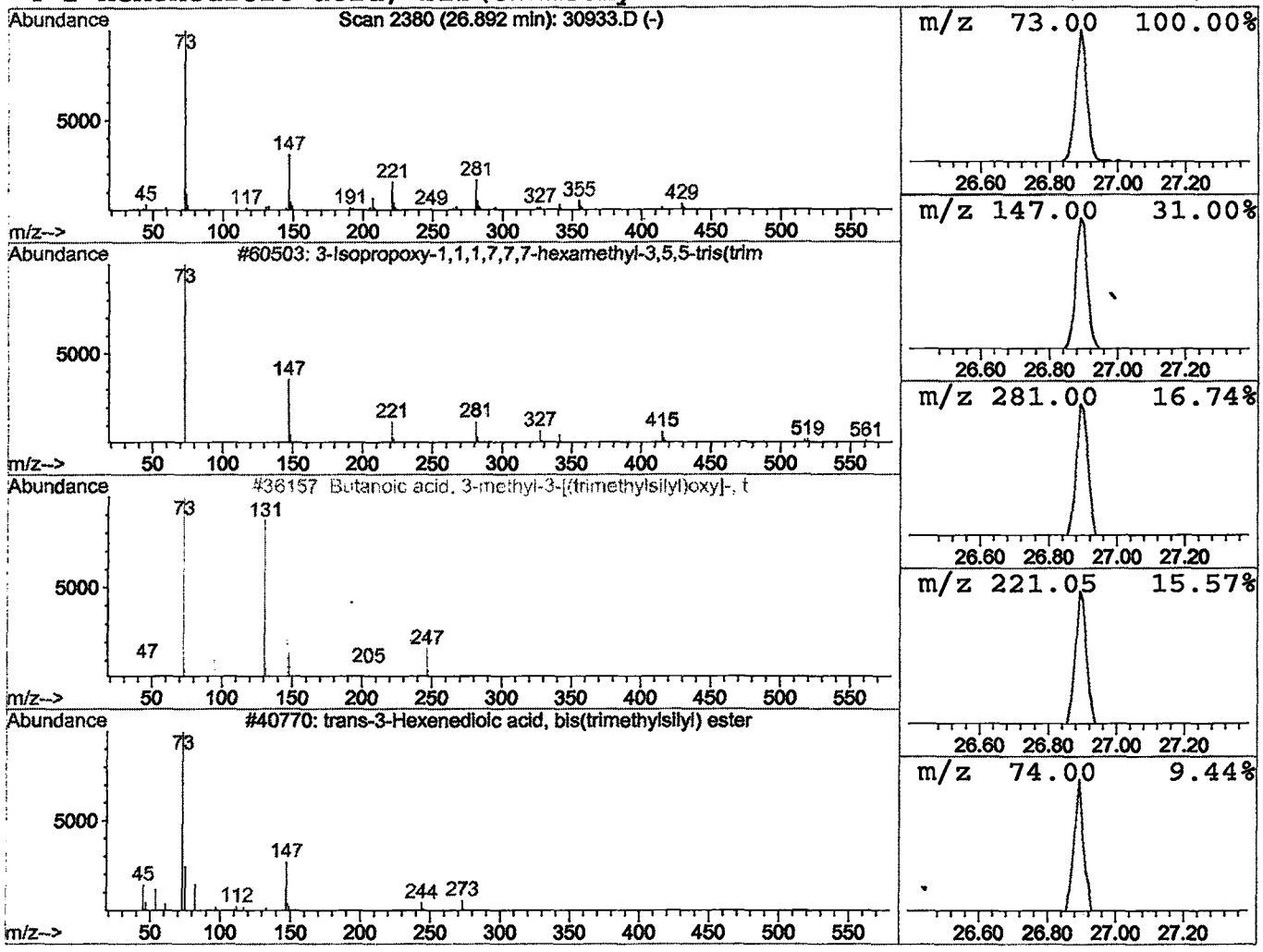
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.89	0.32 ug/l	98199	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
2	Butanoic acid, 3-methyl-3-[(trimeth	262	C11H26O3Si2	055124-90-8	32
3	trans-3-Hexenedioic acid, bis(trime	288	C12H24O4Si2	000000-00-0	23
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	23



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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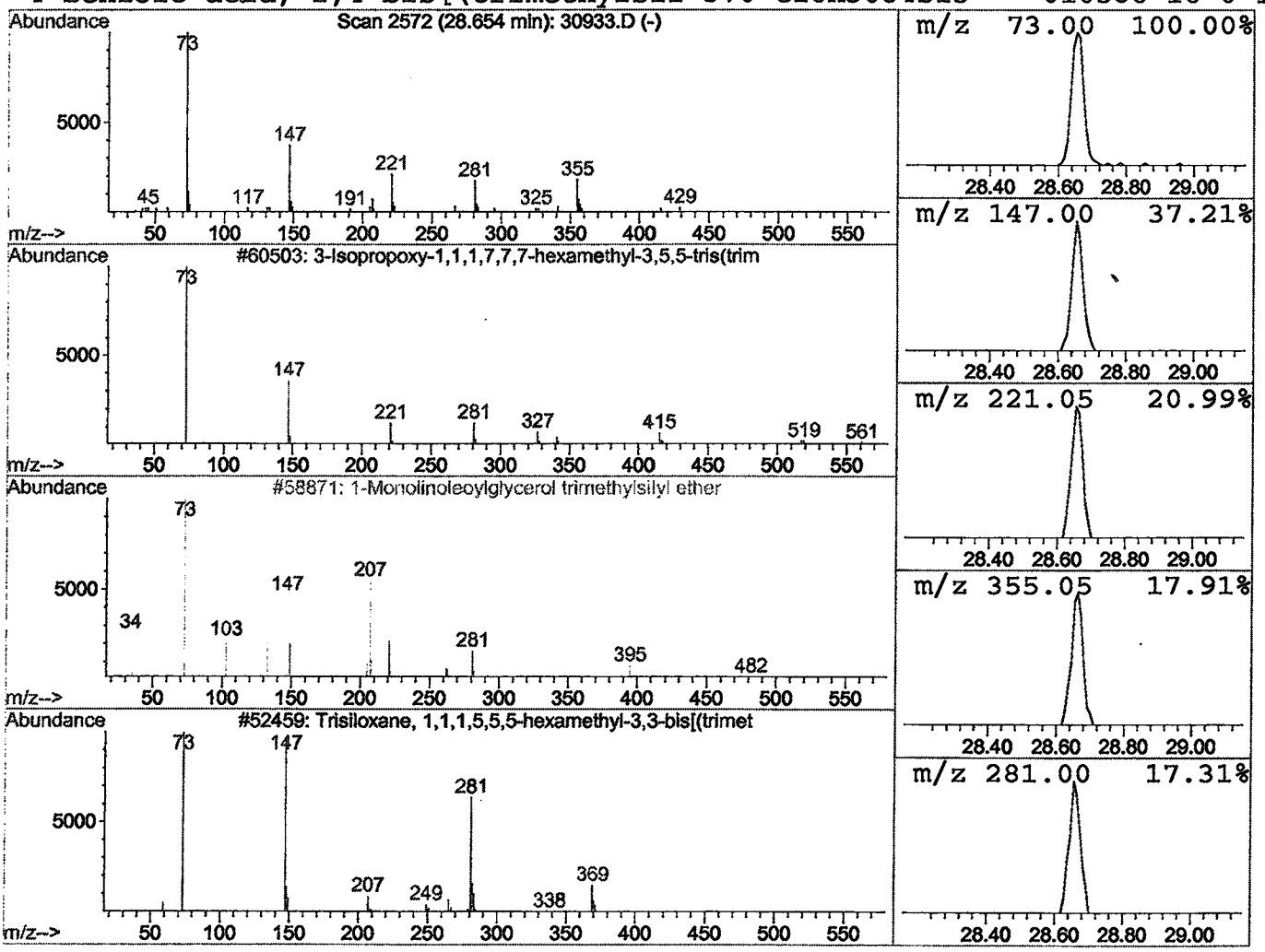
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.65	0.25 ug/l	75970	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
2	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30933.D
Acq On : 2 Jan 2002 2:22 pm
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 50
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

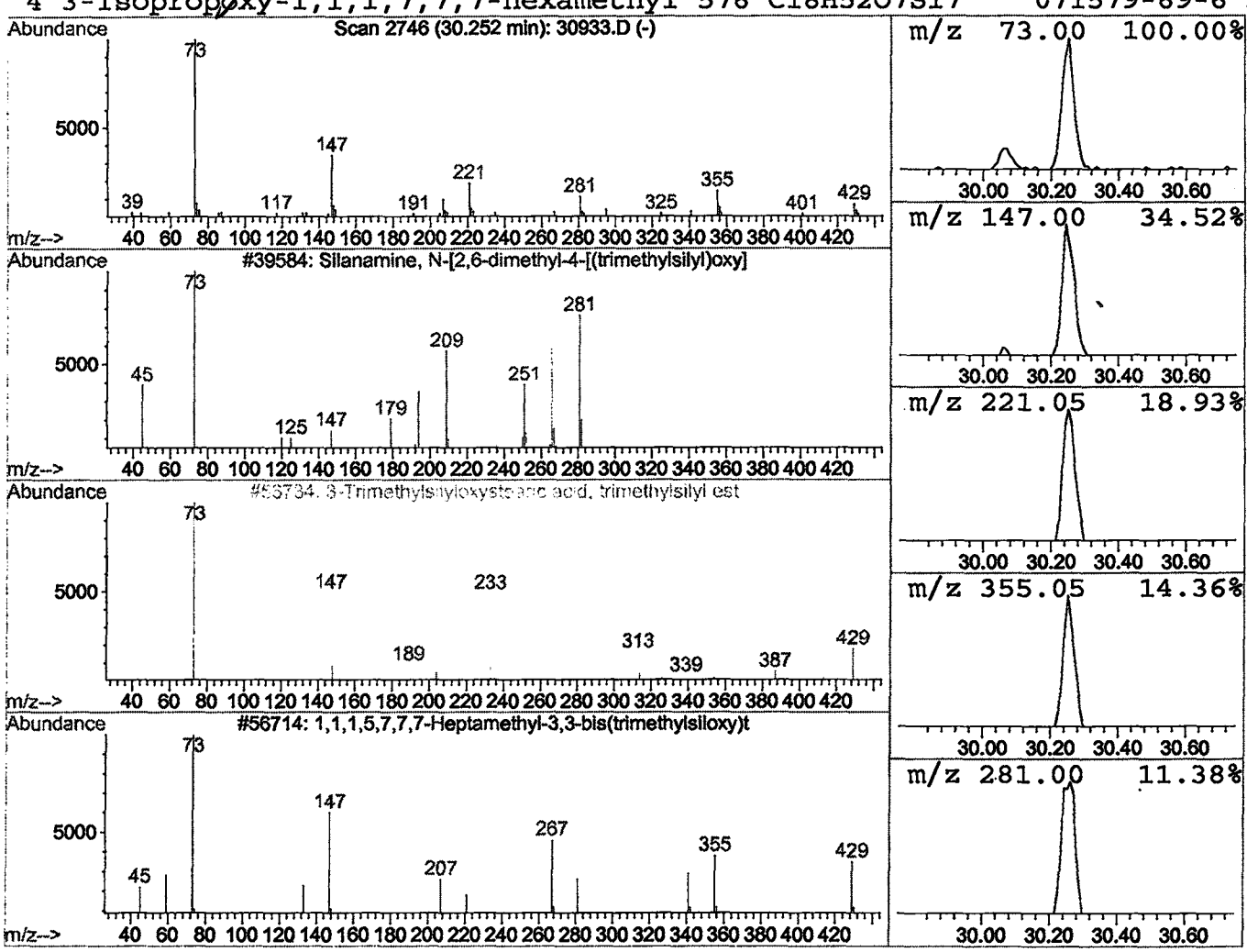
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Silanamine, N-[2,6-dimethyl-4- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.25	0.31 ug/l	65868	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	35
2	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	32
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 2:22 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30933.D
Name: gcms scan 12/19a
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
Pentane, 3-methoxy-	7.61	3.5	ug/l	810866	ISTD01	11.67	4647150	20.0
Cyclopentasiloxane,	14.31	1.1	ug/l	313164	ISTD02	15.28	5665330	20.0
1,1,1,5,7,7,7-Heptam	17.45	1.9	ug/l	534649	ISTD02	15.28	5665330	20.0
Trisiloxane, 1,1,1,5	20.28	1.2	ug/l	374048	ISTD03	20.57	6334480	20.0
Benzoic acid, 4-etho	21.09	0.7	ug/l	230233	ISTD03	20.57	6334480	20.0
Benzoic acid, 2,5-bi	22.80	0.8	ug/l	234453	ISTD04	24.99	6118480	20.0
3-Isopropoxy-1,1,1,7	26.89	0.3	ug/l	98199	ISTD04	24.99	6118480	20.0
3-Isopropoxy-1,1,1,7	28.65	0.2	ug/l	75970	ISTD04	24.99	6118480	20.0
Silanamine, N-[2,6-d	30.25	0.3	ug/l	65868	ISTD05	33.02	4207600	20.0

30933.D GCMS1126.M Fri Jan 25 11:43:49 2002

column bleed