User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 12:19:06

Sample: AD30711
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 12:18 Ended: 1/25/02 12:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AD30711 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 12:19:14

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\30711.D Vial: 34
Acq On : 1 Jan 2002 8:55 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 11:09 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	11.68	152	802952	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3040869	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1553369	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.99	188	2227691m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1322063	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	729394	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	109051	4.45	ug/mL	0.00
Spiked Amount 5.000			Recovery = 89.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.21	74	270	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	670	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	21.19	165	435	N.D.		
25) Diethylphthalate	22.16	149	2049	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\30711.D Vial: 34
Acq On : 1 Jan 2002 8:55 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 11:09 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

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	25.05	178	1316	N.D.	
34) Anthracene	25.05	178	1316	N.D.	
35) Di-n-butylphthalate	27.04	149	7070	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	29.50	202	169	N.D.	
40) Butylbenzylphthalate	31.54	149	844	N.D.	
41) Benzo(a)anthracene	33.01	228	4153	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	4262	N.D.	
43) Chrysene	33.01	228	4153	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.13	252	291	N.D.	
47) Benzo(k)fluoranthene	36.13	252	291	N.D.	
48) Benzo(a)pyrene	37.13	252	3142	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.	

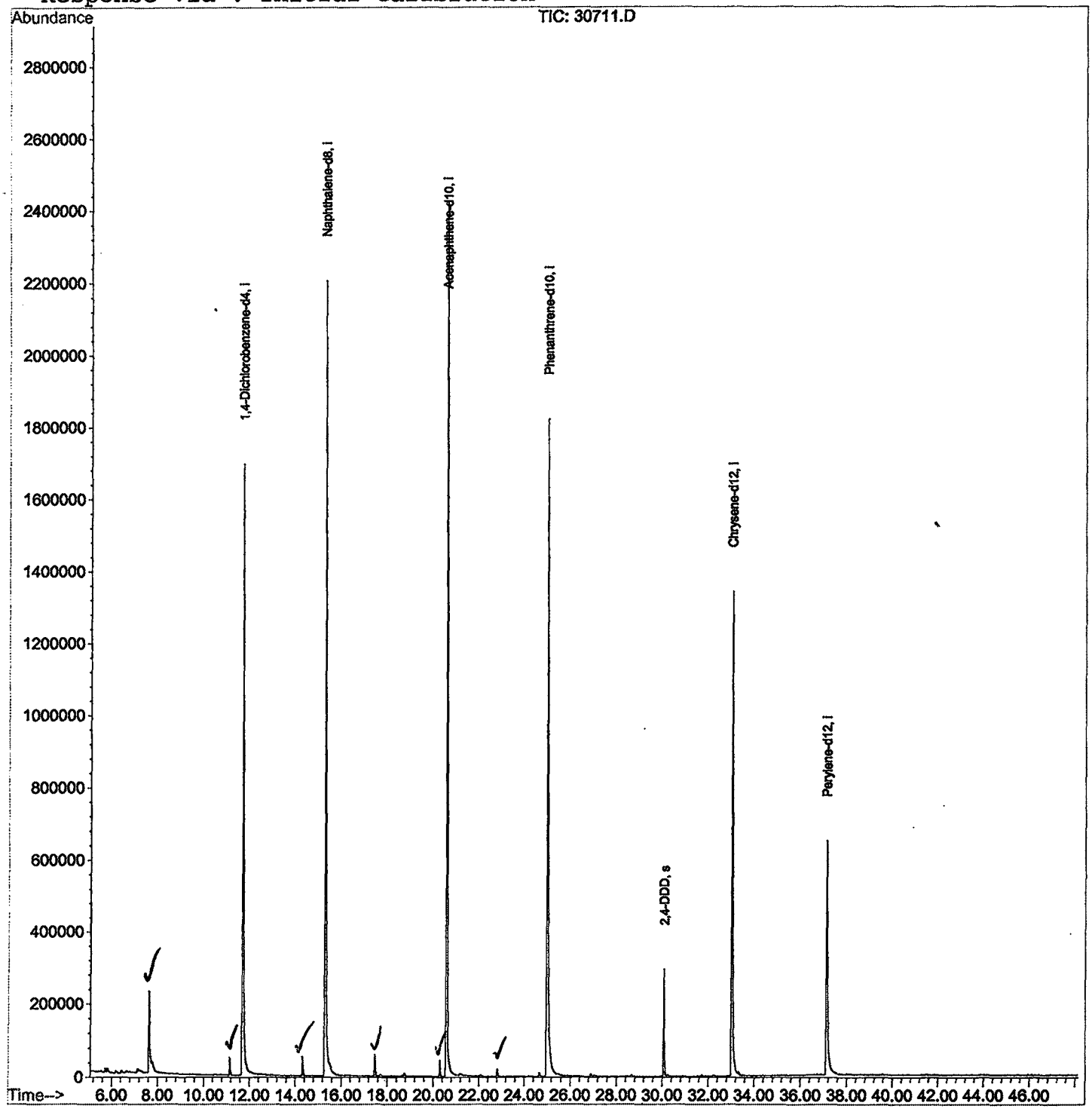
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 18 11:09 2002

Vial: 34
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\30711.D Vial: 34
Acq On : 1 Jan 2002 8:55 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

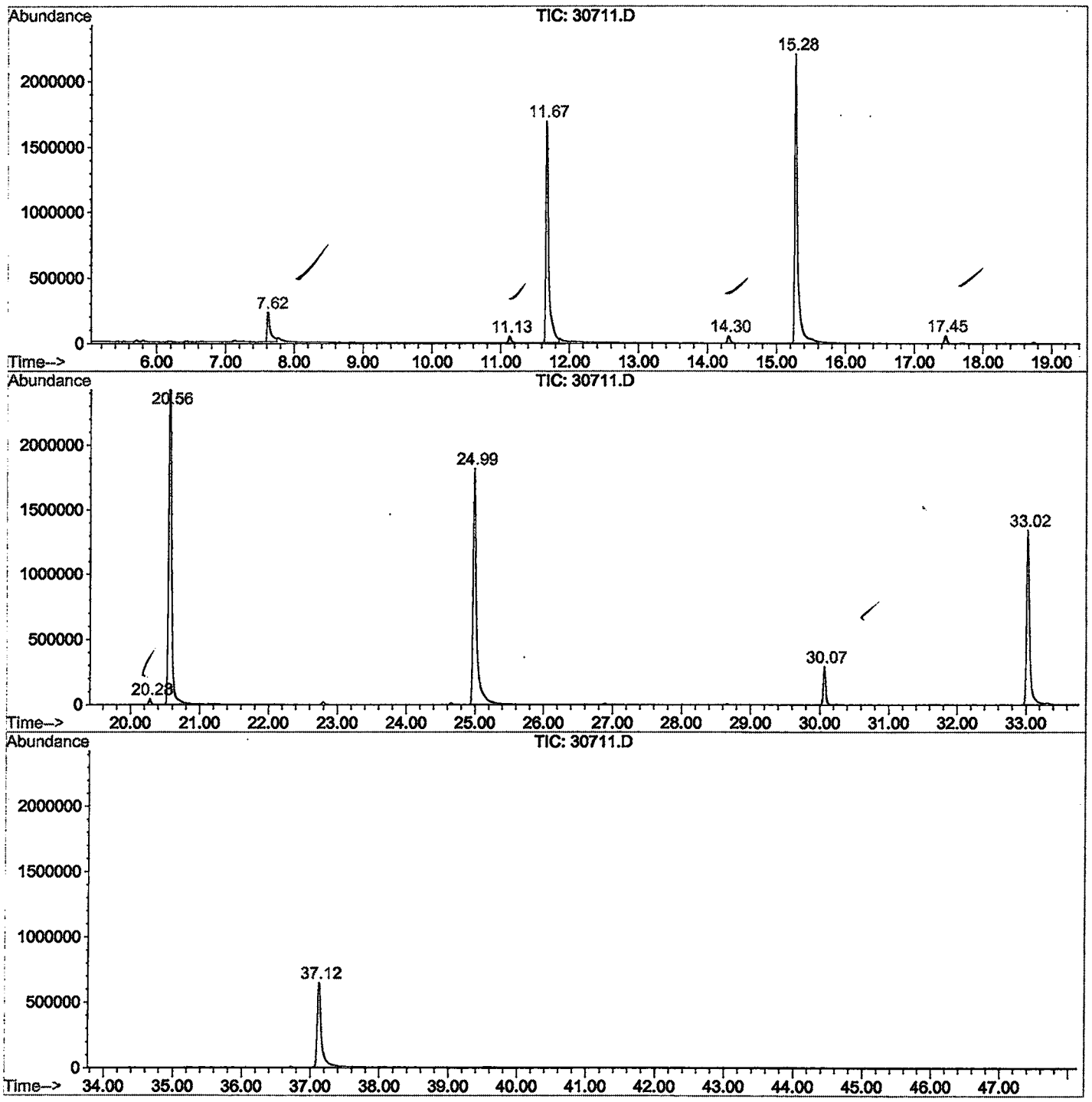
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.622	276	281	295	rBV	221036	736841	10.70%	2.222%
2	11.129	658	663	676	rBV	50021	137739	2.00%	0.415%
3	11.670	718	722	742	rBV	1691154	4847698	70.41%	14.621%
4	14.305	1004	1009	1020	rVB	54072	143495	2.08%	0.433%
5	15.278	1110	1115	1152	rBV	2203568	6232523	90.53%	18.798%
6	17.454	1346	1352	1363	rBV	58504	148451	2.16%	0.448%
7	20.281	1654	1660	1667	rVB2	44995	89823	1.30%	0.271%
8	20.557	1684	1690	1722	rBV	2424631	6884752	100.00%	20.765%
9	24.991	2166	2173	2211	rBV2	1821192	6349865	92.23%	19.152%
10	30.068	2720	2726	2740	rBV	293550	685951	9.96%	2.069%
11	33.024	3042	3048	3073	rBV2	1339851	4220676	61.30%	12.730%
12	37.118	3487	3494	3531	rBV2	644319	2678021	38.90%	8.077%

Sum of corrected areas: 33155835

30711.D GCMS1126.M Wed Jan 23 08:38:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 8:55 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19
Misc Info :
Vial Number: 34
Quant File :GCMS1126.RES (RTE Integrator)



30711.D GCMS1126.M Wed Jan 23 08:38:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

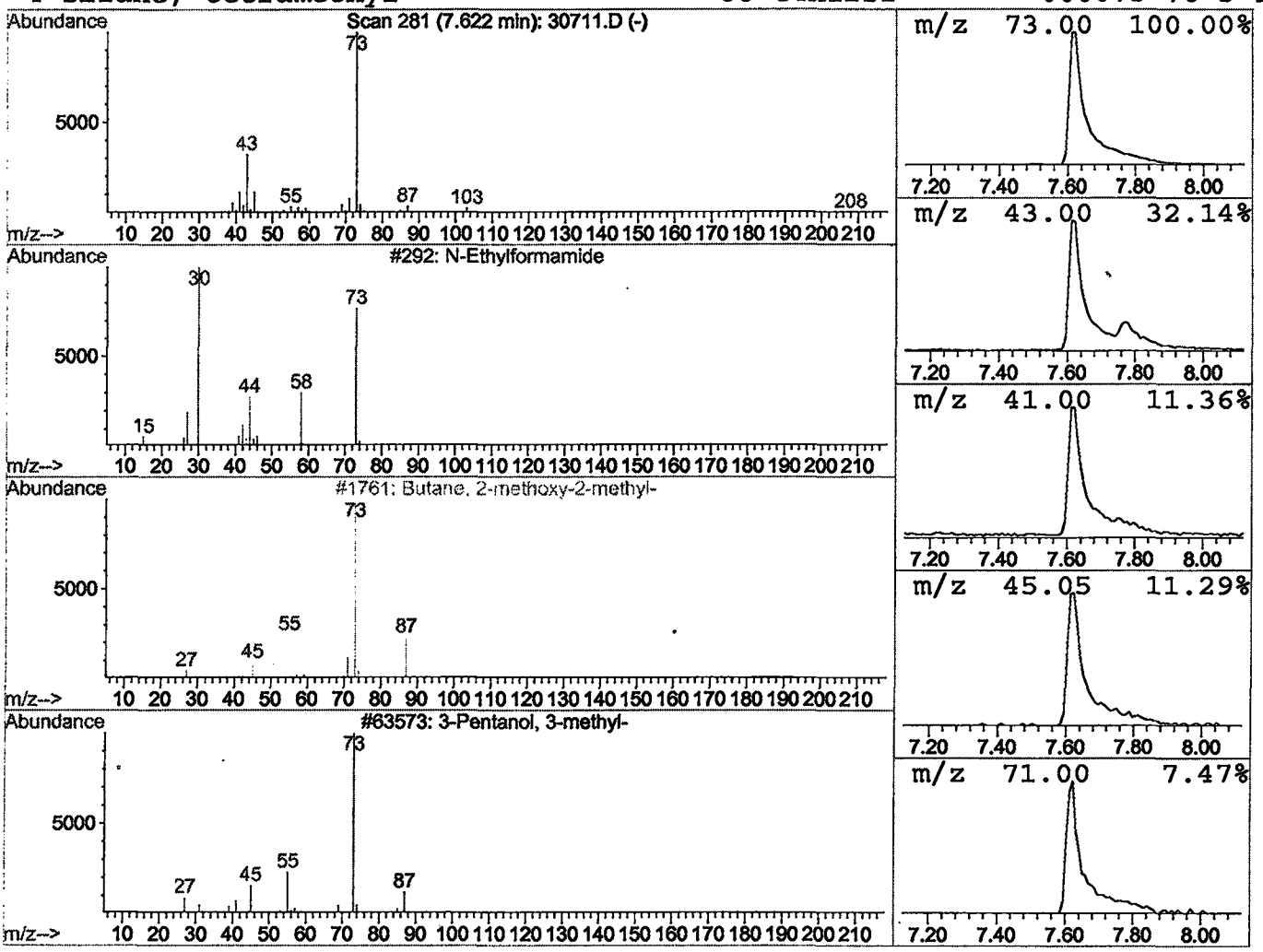
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.04 ug/l	736841	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

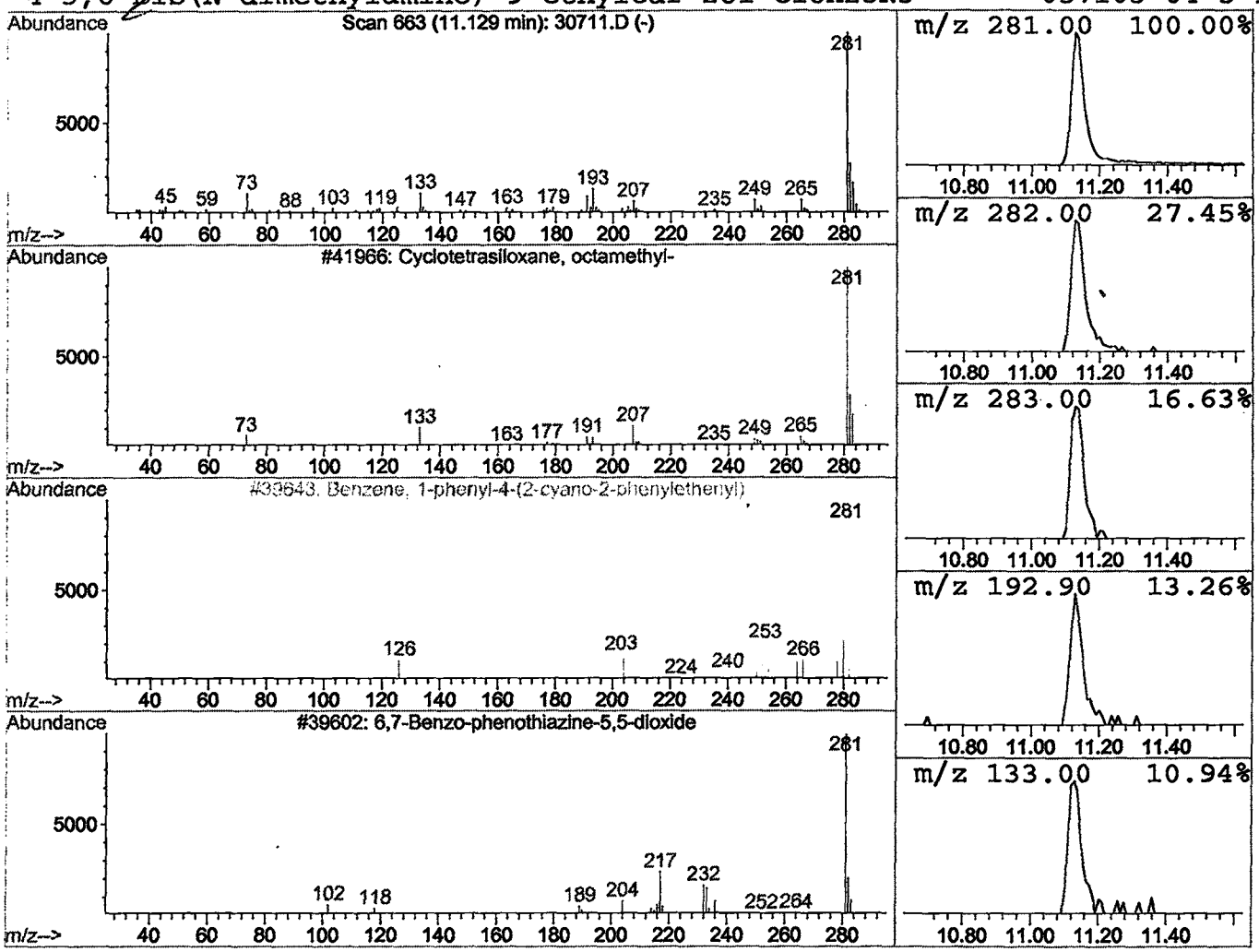
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.57 ug/l	137739	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	47
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

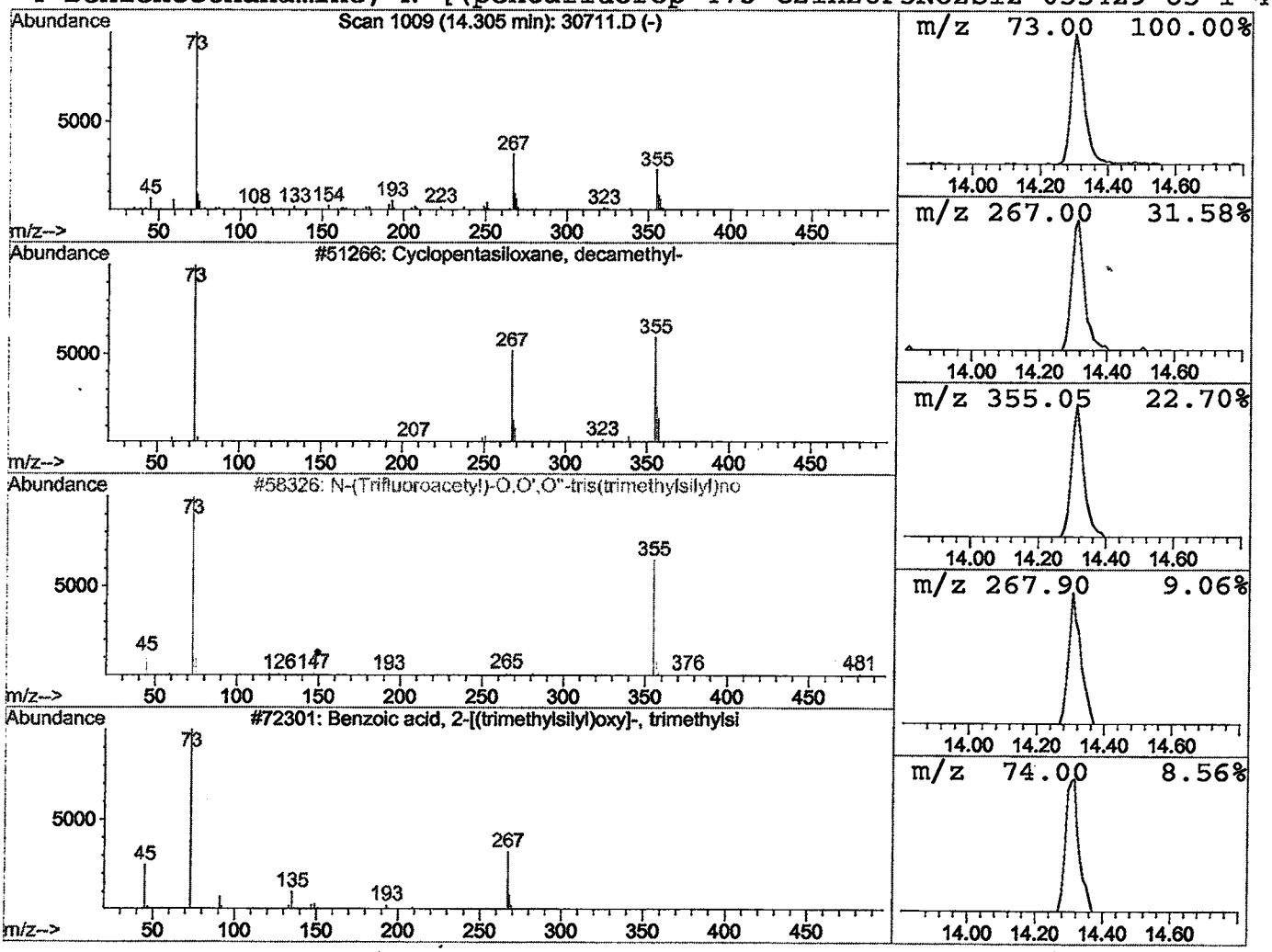
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.46 ug/l	143495	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	59
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

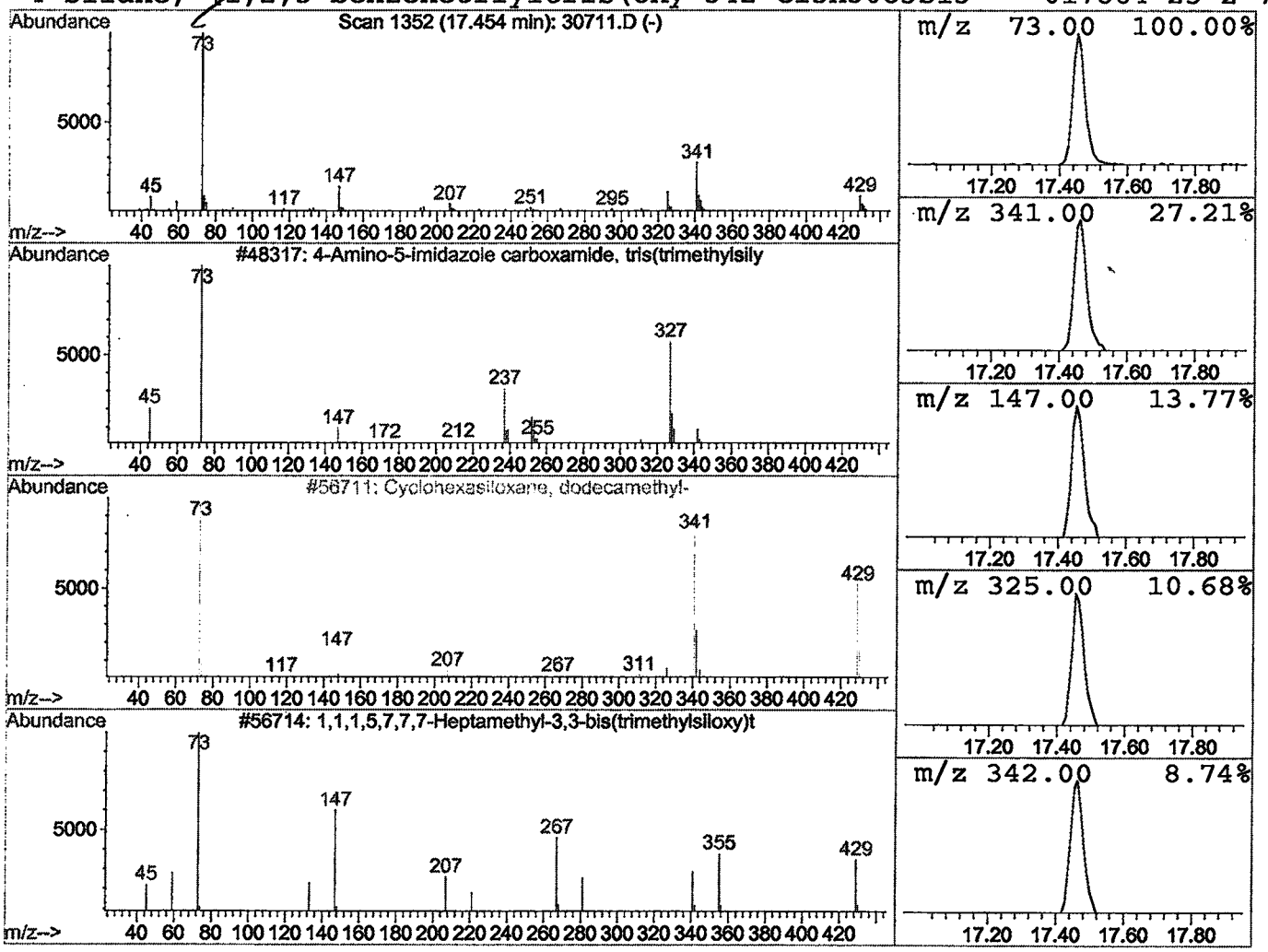
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 4-Amino-5-imidazole carboxamid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	0.48 ug/l	148451	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	25
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	25
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	9
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30711.D
Acq On : 1 Jan 2002 8:55 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

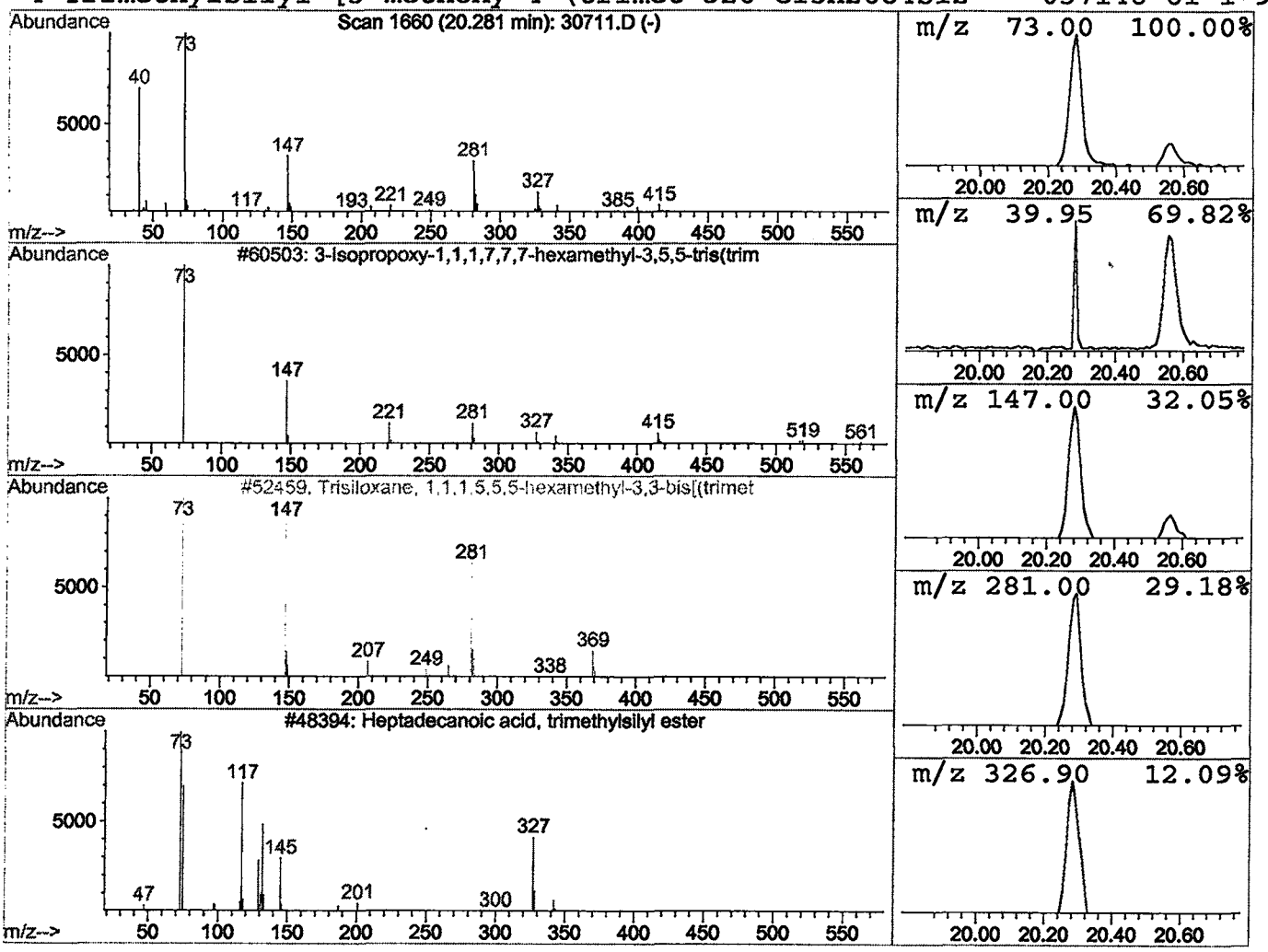
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.26 ug/l	89823	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	25
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	16
3	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9
4	Trimethylsilyl [3-methoxy-4-(trimet	326	C15H26O4Si2	037148-61-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 8:55 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30711.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
N-Ethylformamide	7.62	3.0	ug/l	736841	ISTD01	11.68	4847700	20.0
Cyclotetrasiloxane,	11.13	0.6	ug/l	137739	ISTD01	11.68	4847700	20.0
Cyclopentasiloxane,	14.31	0.5	ug/l	143495	ISTD02	15.28	6232520	20.0
4-Amino-5-imidazole	17.45	0.5	ug/l	148451	ISTD02	15.28	6232520	20.0
3-Isopropoxy-1,1,1,7	20.28	0.3	ug/l	89823	ISTD03	20.56	6884750	20.0

30711.D GCMS1126.M Wed Jan 23 08:39:14 2002

column bleed