User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:33:54

Sample: AD30906
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:33 Ended: 1/28/02 14:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		109		5.0

Comments for Sample AD30906 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:12:56

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\30906.D Vial: 42
Acq On : 2 Jan 2002 4:39 am 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 9:41 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	875524	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3384384	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1716563	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2557715	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1565034	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	883489	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	153763	5.47	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 109.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	74	594	N.D.		
3) bis(2-Chloroethyl)ether	11.17	93	200	N.D.		
4) 1,3-Dichlorobenzene	11.61	146	116	N.D.		
5) 1,4-Dichlorobenzene	11.72	146	320	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	14.10	82	187	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	2684	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	20.12	163	919	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.13	152	954	N.D.		
23) Acenaphthene	20.66	153	1275	N.D.		
24) 2,4-Dinitrotoluene	21.21	165	920	N.D.		
25) Diethylphthalate	22.11	149	6107	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.25	166	1039	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	22.82	77	264	N.D.		

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

Quantitation Report (QT Reviewed)

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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	25.06	178	3505	N.D.	
34)	Anthracene	25.21	178	1240	N.D.	
35)	Di-n-butylphthalate	27.04	149	23915	N.D.	
36)	Fluoranthene	28.80	202	1135	N.D.	
39)	Pyrene	29.47	202	1960	N.D.	
40)	Butylbenzylphthalate	31.51	149	3353	N.D.	
41)	Benzo(a)anthracene	33.11	228	2217	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	26915	0.28 ug/l	95
43)	Chrysene	33.11	228	2217	N.D.	
45)	Di-n-Octylphthalate	35.06	149	751	N.D.	
46)	Benzo(b)fluoranthene	36.12	252	1036	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	491	N.D.	
48)	Benzo(a)pyrene	37.14	252	4052	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 4:39 am Operator: 209 GALOS
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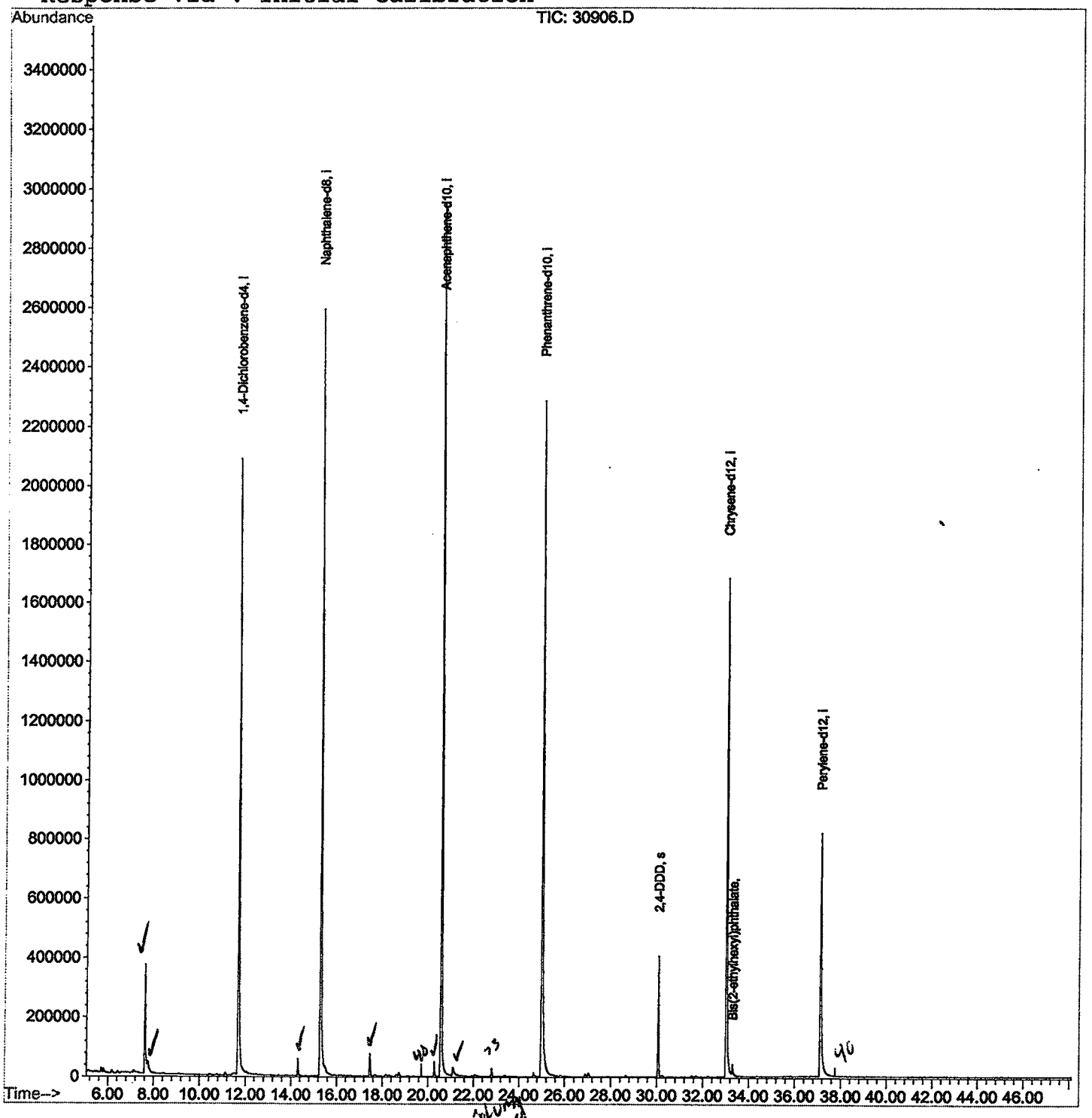
Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D Vial: 42
Acq On : 2 Jan 2002 4:39 am Operator: 209 GALOS
Sample : gcms scan 12/19a 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

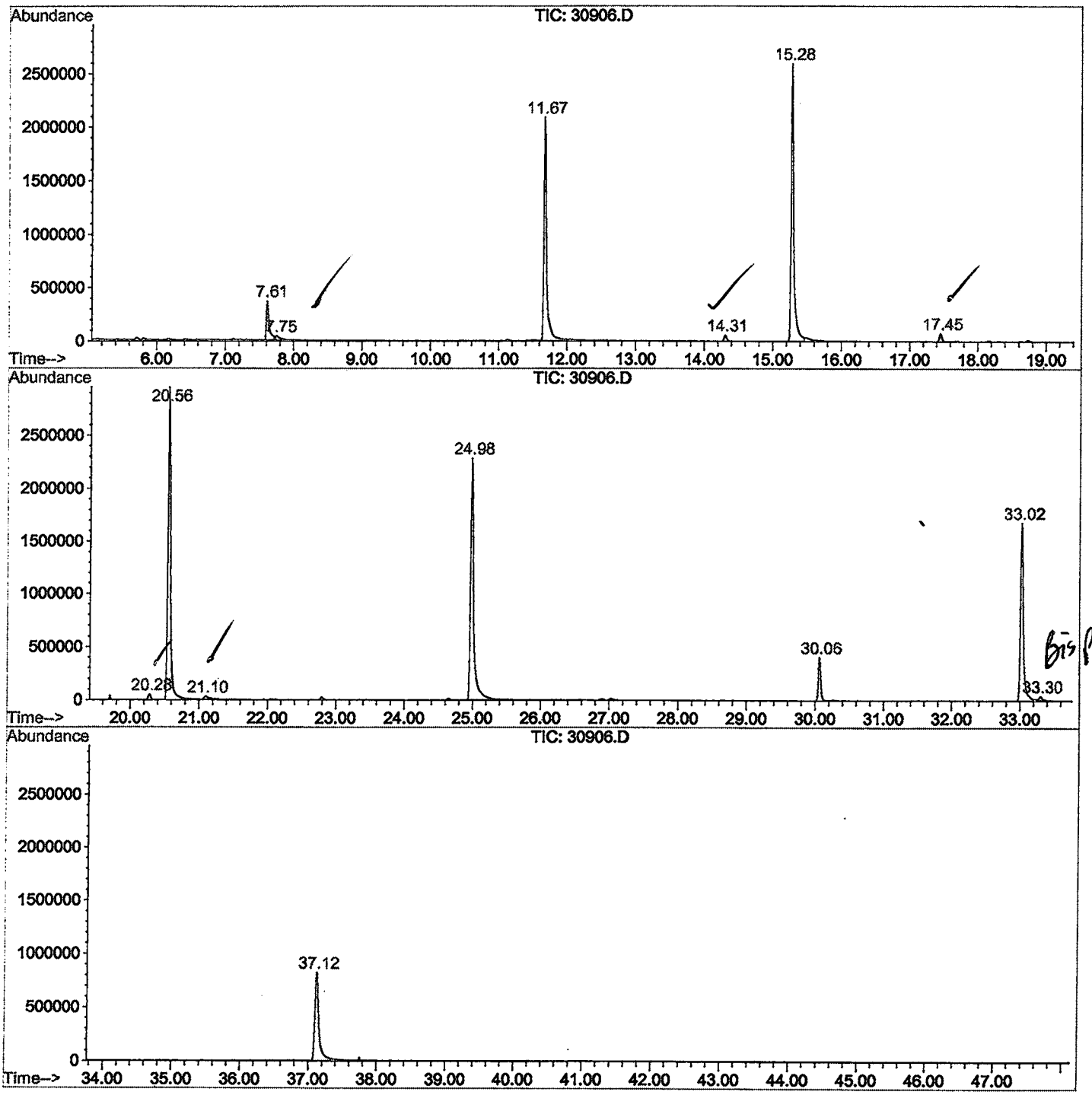
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.613	276	280	291	rBV	367267	992152	13.03%	2.602%
2	7.751	293	295	311	rVB2	38640	147078	1.93%	0.386%
3	11.671	717	722	759	rBV	2085008	5577212	73.27%	14.625%
4	14.306	1004	1009	1017	rVB	57012	140876	1.85%	0.369%
5	15.279	1109	1115	1135	rBV	2591934	6759242	88.80%	17.725%
6	17.455	1345	1352	1360	rBV	76044	191111	2.51%	0.501%
7	20.282	1654	1660	1665	rBV	50232	118588	1.56%	0.311%
8	20.558	1684	1690	1716	rBV	2953386	7611643	100.00%	19.960%
9	21.099	1743	1749	1766	rBV2	26945	135089	1.77%	0.354%
10	24.983	2166	2172	2212	rBV2	2283970	7216966	94.81%	18.925%
11	30.059	2719	2725	2736	rBV	405450	954046	12.53%	2.502%
12	33.025	3041	3048	3067	rBV2	1680006	4974714	65.36%	13.045%
13	33.300	3073	3078	3092	rVB	37343	124837	1.64%	0.327%
14	37.119	3486	3494	3517	rBV2	817144	3190711	41.92%	8.367%

Sum of corrected areas: 38134265

30906.D GCMS1126.M Fri Jan 25 11:32:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 4:39 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 42
Quant File :GCMS1126.RES (RTE Integrator)



30906.D GCMS1126.M Fri Jan 25 11:32:25 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

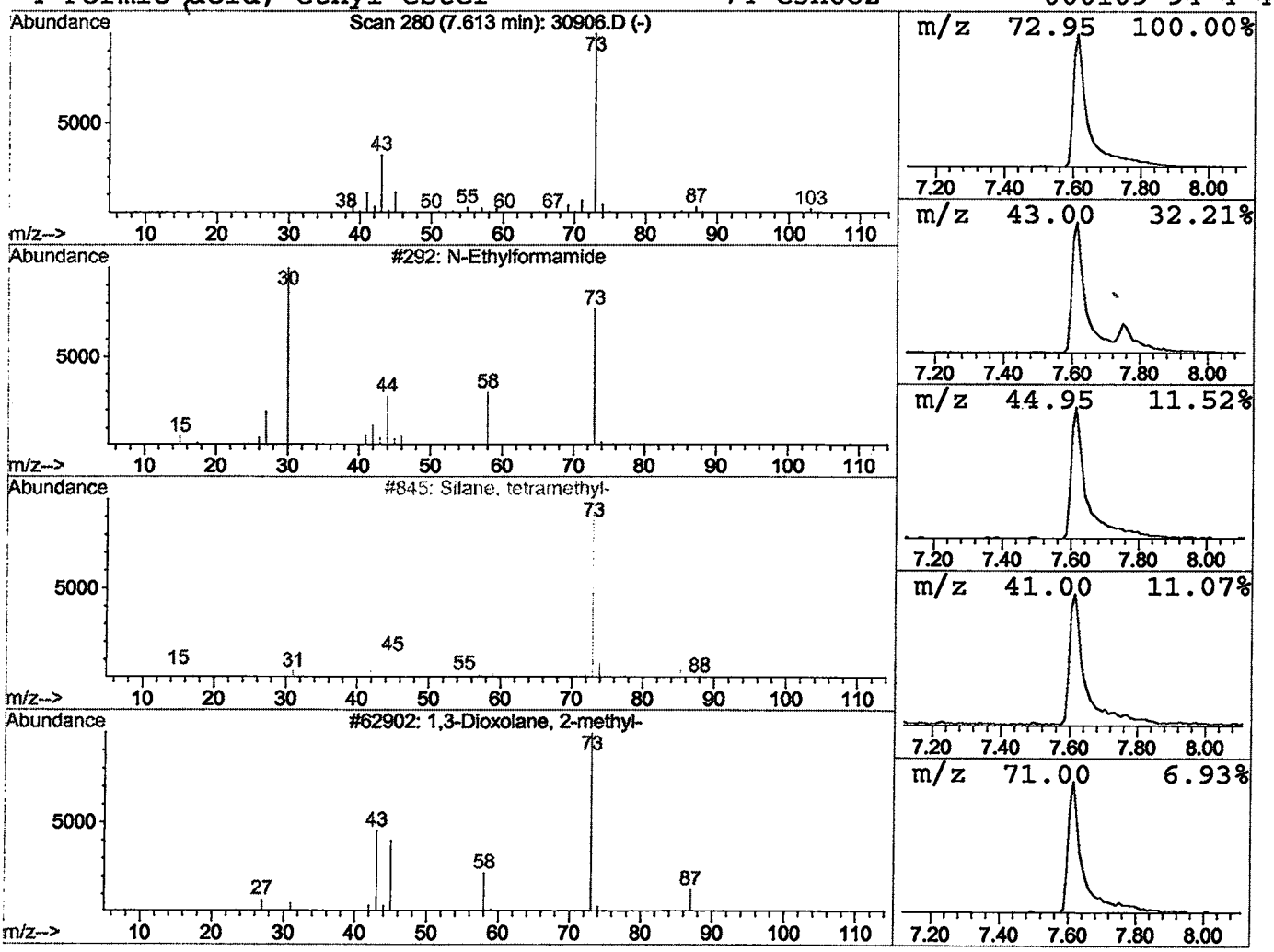
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.56 ug/l	992152	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

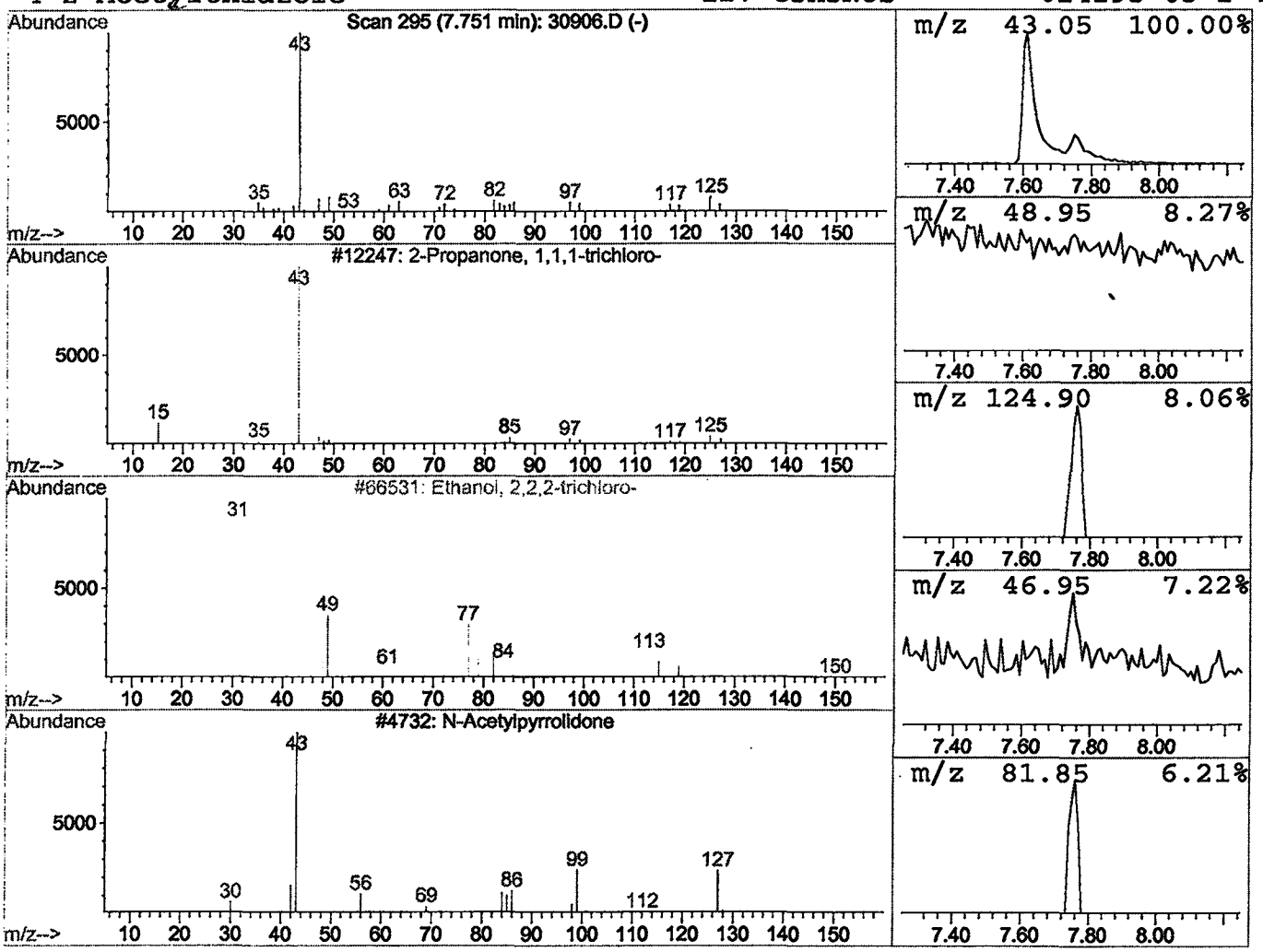
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.53 ug/l	147078	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

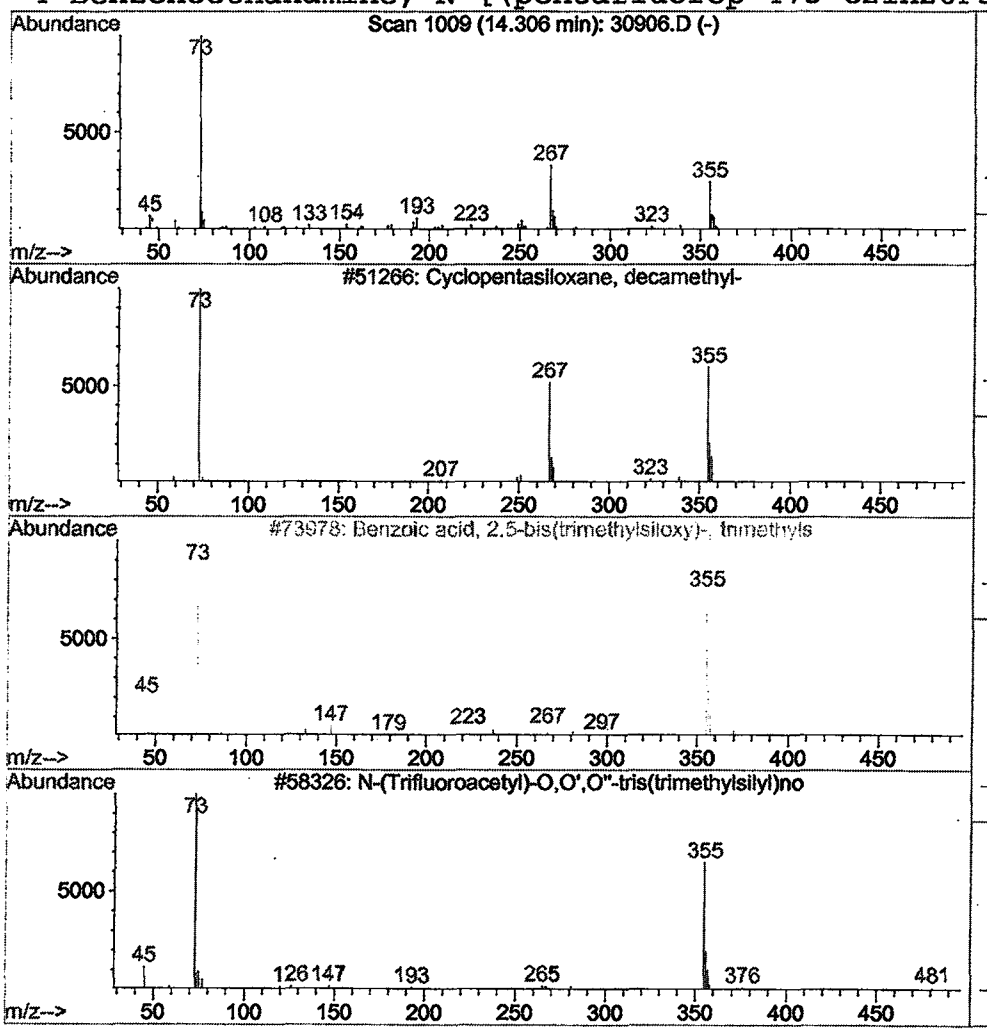
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

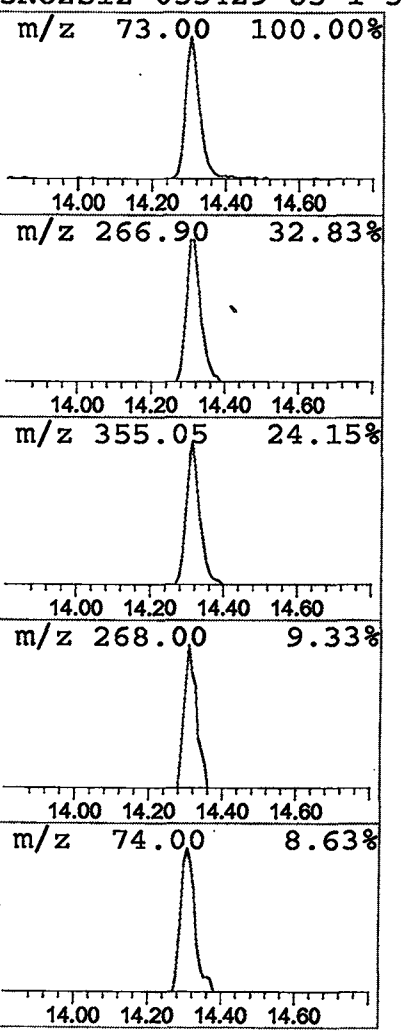
****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.42 ug/l	140876	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
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
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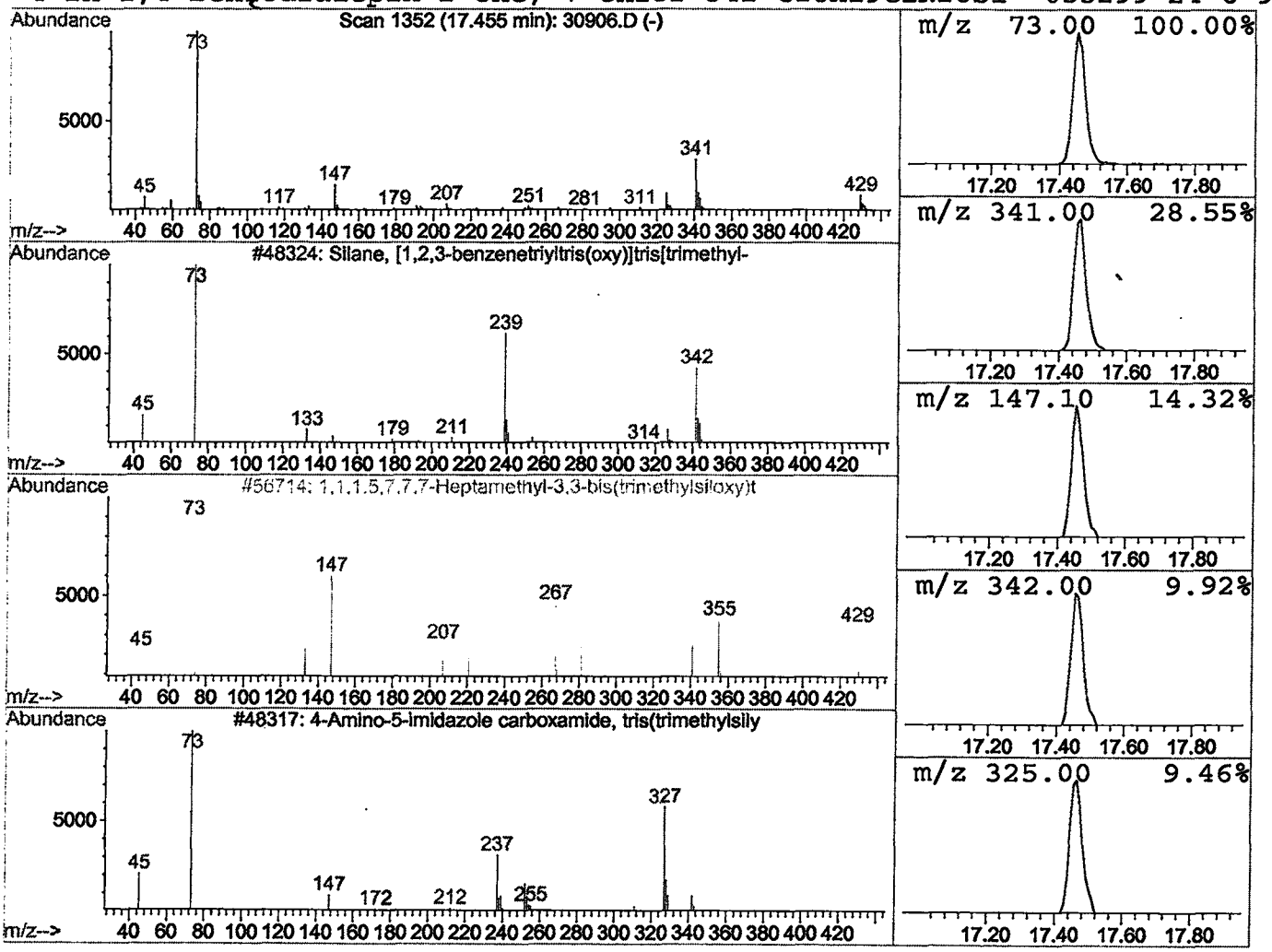
****

Peak Number 4 Silane, [1,2,3-benzenetriyltri Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	0.57 ug/l	191111	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	22
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	16
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30906.D
Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

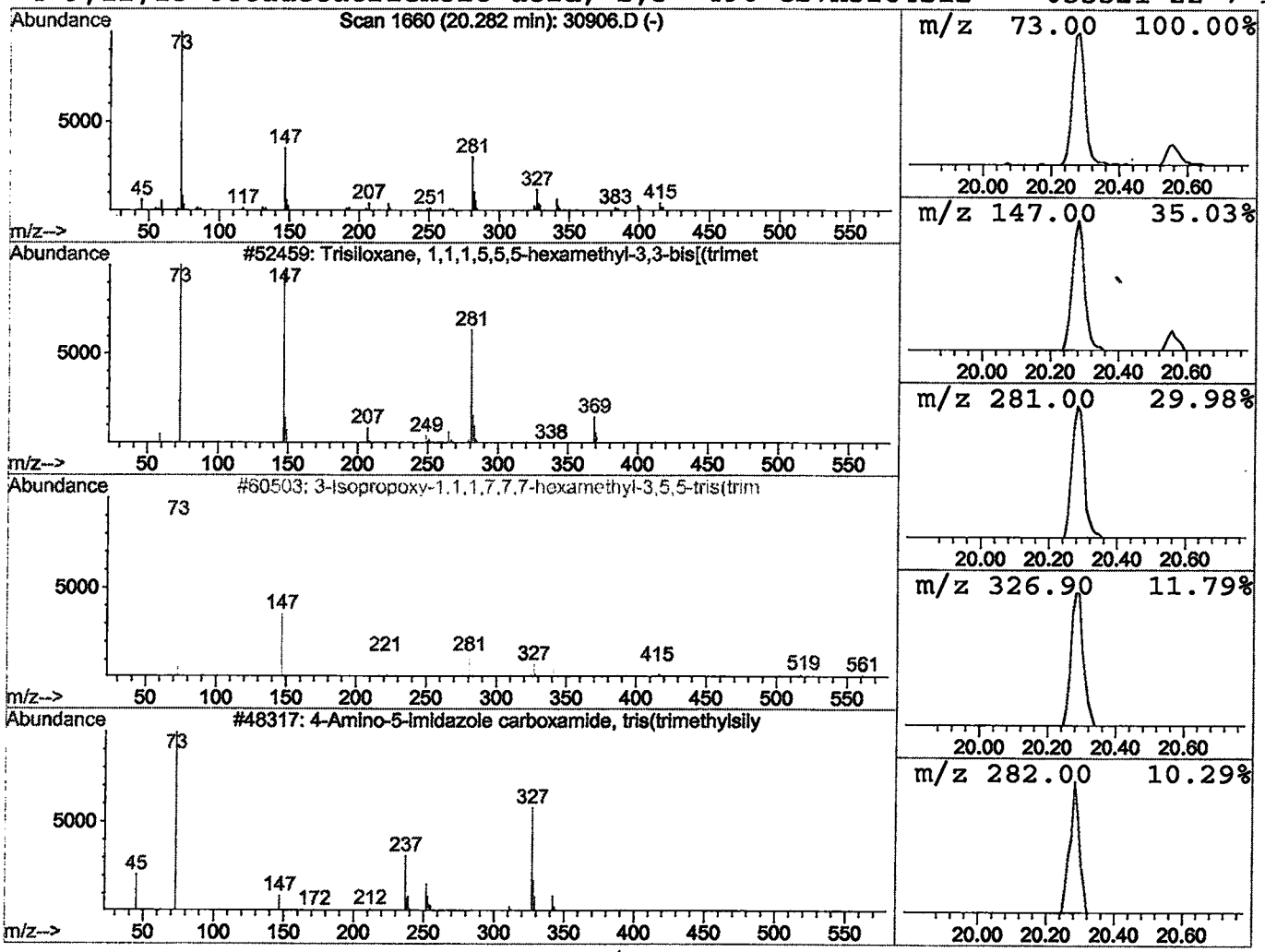
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.31 ug/l	118588	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	53
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	36
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	10
4	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	10



Library Search Compound Report

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Acq On : 2 Jan 2002 4:39 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

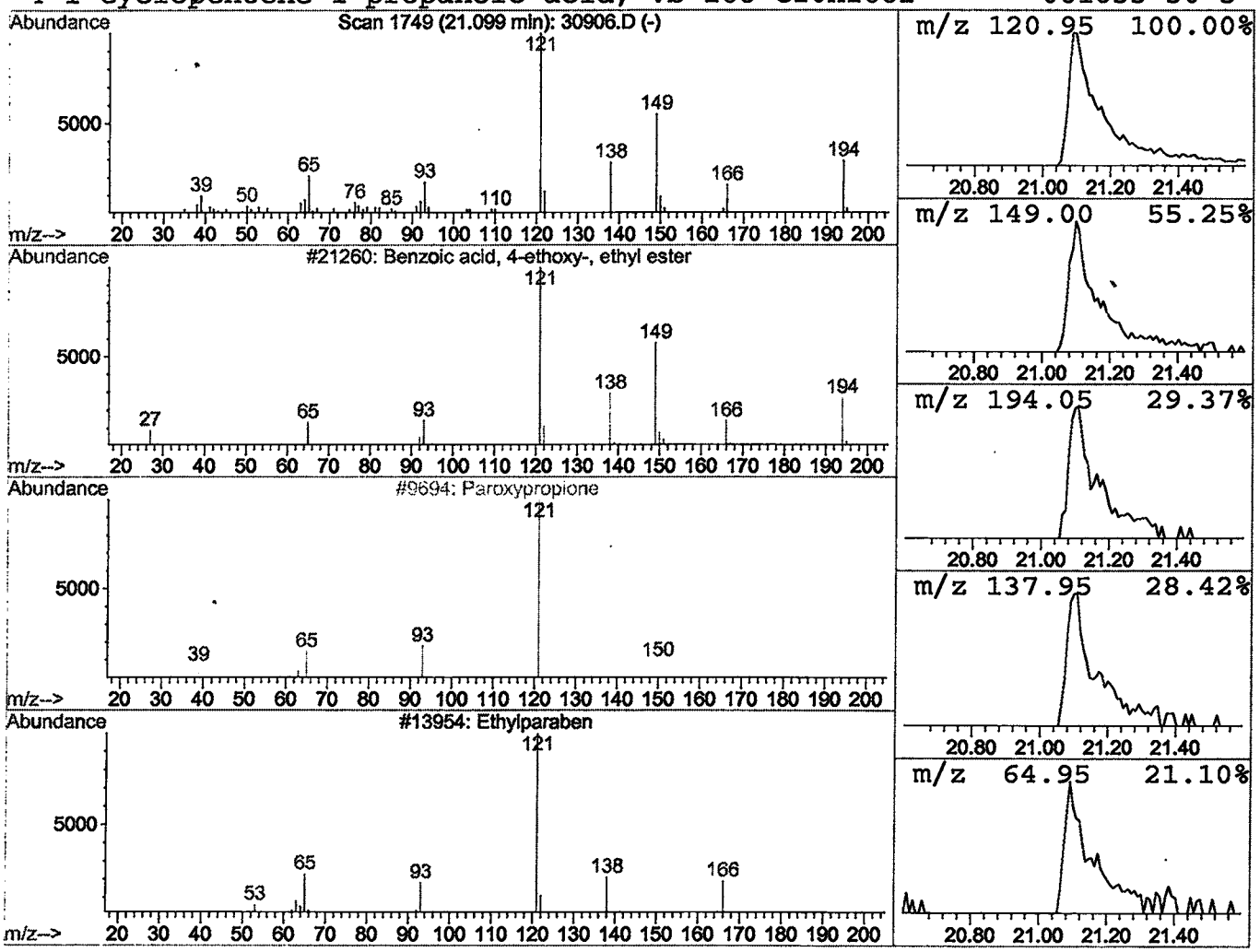
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	0.35 ug/l	135089	Acenaphthene-d10	20.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	95
2	Paroxypropione	150	C9H10O2	000070-70-2	49
3	Ethylparaben	166	C9H10O3	000120-47-8	49
4	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 4:39 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30906.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
N-Ethylformamide	7.61	3.6	ug/l	992152	ISTD01	11.67	5577210	20.0
2-Propanone, 1,1,1-t	7.75	0.5	ug/l	147078	ISTD01	11.67	5577210	20.0
Cyclopentasiloxane,	14.31	0.4	ug/l	140876	ISTD02	15.28	6759240	20.0
Silane, [1,2,3-benze	17.45	0.6	ug/l	191111	ISTD02	15.28	6759240	20.0
Trisiloxane, 1,1,1,5	20.28	0.3	ug/l	118588	ISTD03	20.56	7611640	20.0
Benzoic acid, 4-etho	21.10	0.4	ug/l	135089	ISTD03	20.56	7611640	20.0

30906.D GCMS1126.M Fri Jan 25 11:32:56 2002

Column bleed