User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:20:14

Sample: AD30904
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:19 Ended: 1/28/02 14:19 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		101		5.0

Comments for Sample AD30904 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:11:30

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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D Vial: 44
Acq On : 2 Jan 2002 6:35 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 9:48 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	752466	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2881514	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1434259	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2085328	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1180884	20.00	ug/l	-0.01
44) Perylene-d12	37.13	264	632755	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	115829	5.05	ug/mL	0.00
Spiked Amount 5.000			Recovery = 101.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.20	74	1285	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	15.32	128	277	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	20.28	163	204	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	21.40	165	171	N.D.		
25) Diethylphthalate	22.17	149	1165	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	22.82	77	102	N.D.		

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

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D Vial: 44
Acq On : 2 Jan 2002 6:35 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 9:48 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	608	N.D.	
34)	Anthracene	24.98	178	608	N.D.	
35)	Di-n-butylphthalate	27.05	149	6987	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.72	149	218	N.D.	
41)	Benzo(a)anthracene	33.02	228	2768	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	9603	N.D.	
43)	Chrysene	33.12	228	113	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	37.13	252	2619	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.	

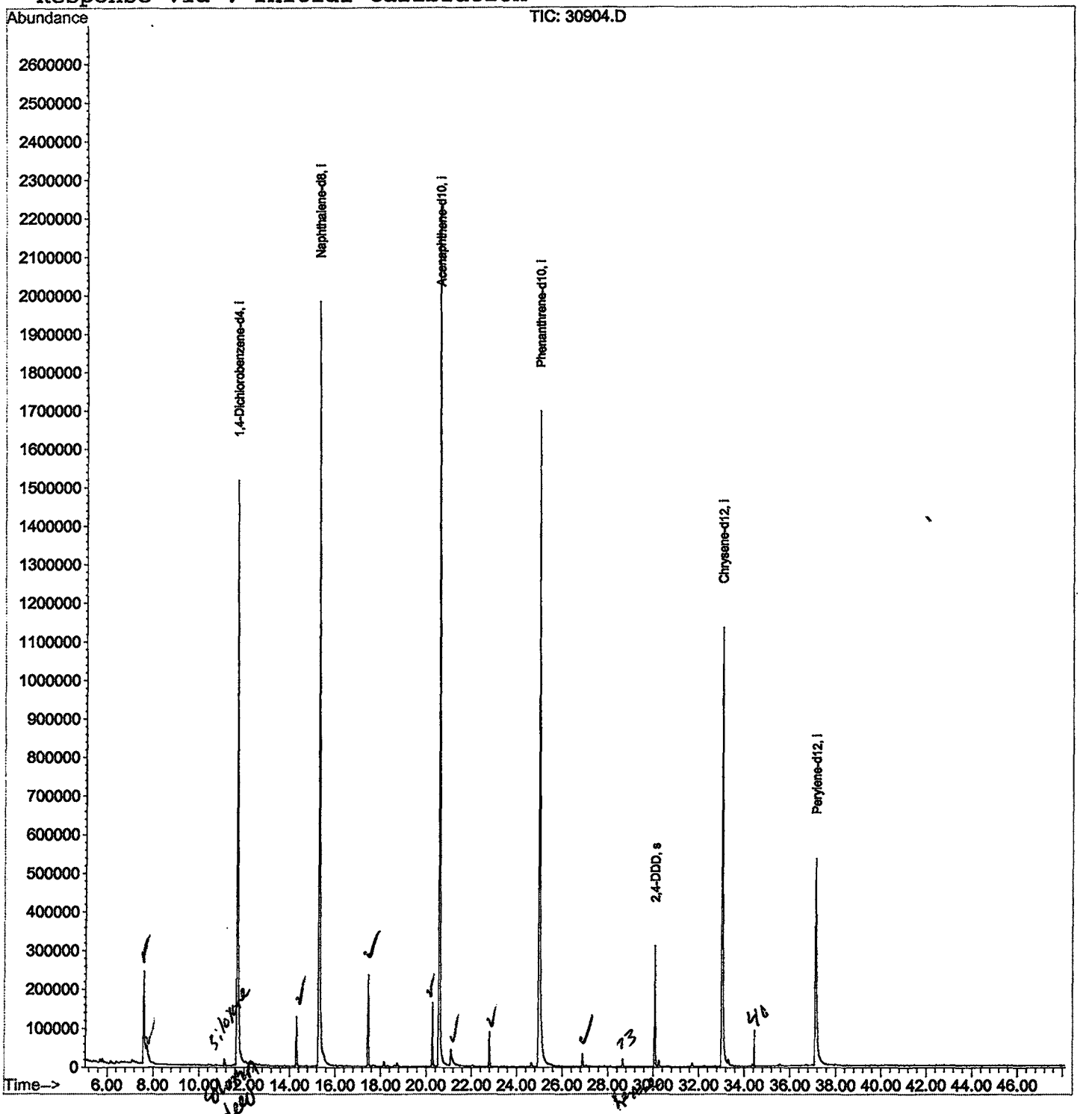
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:48 2002

Vial: 44
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 11:58:08 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D Vial: 44
Acq On : 2 Jan 2002 6:35 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

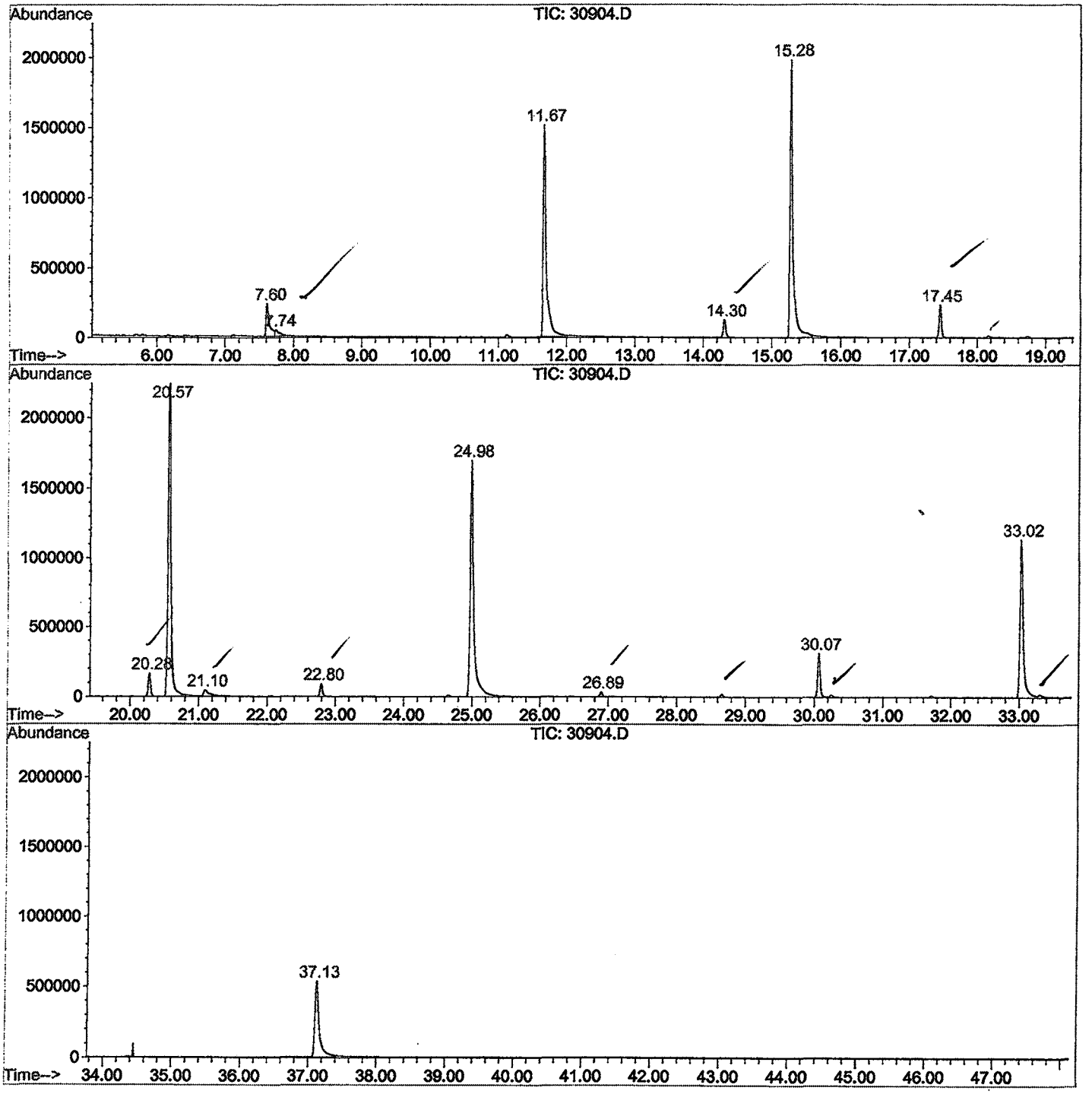
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	276	279	292	rBV	236103	800183	12.55%	2.462%
2	7.741	292	294	315	rVB	45136	208197	3.27%	0.641%
3	11.670	717	722	757	rBV	1512704	4732502	74.25%	14.562%
4	14.305	1004	1009	1019	rBV	126998	318719	5.00%	0.981%
5	15.278	1110	1115	1148	rBV	1981242	5861114	91.96%	18.035%
6	17.454	1345	1352	1361	rBV	235555	555536	8.72%	1.709%
7	20.281	1654	1660	1670	rBV	163210	368149	5.78%	1.133%
8	20.566	1684	1691	1718	rBV	2245304	6373616	100.00%	19.612%
9	21.098	1743	1749	1768	rBV	40529	219475	3.44%	0.675%
10	22.797	1928	1934	1941	rBV	89492	209501	3.29%	0.645%
11	24.982	2164	2172	2210	rBV2	1696644	5933648	93.10%	18.258%
12	26.891	2375	2380	2387	rBV	33569	70549	1.11%	0.217%
13	30.068	2720	2726	2738	rBV	309550	723179	11.35%	2.225%
14	33.024	3041	3048	3075	rBV2	1134179	3817354	59.89%	11.746%
15	37.127	3487	3495	3526	rBV2	532125	2307015	36.20%	7.099%

Sum of corrected areas: 32498737

30904.D GCMS1126.M Fri Jan 25 11:29:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 6:35 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 44
Quant File :GCMS1126.RES (RTE Integrator)



30904.D GCMS1126.M Fri Jan 25 11:29:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

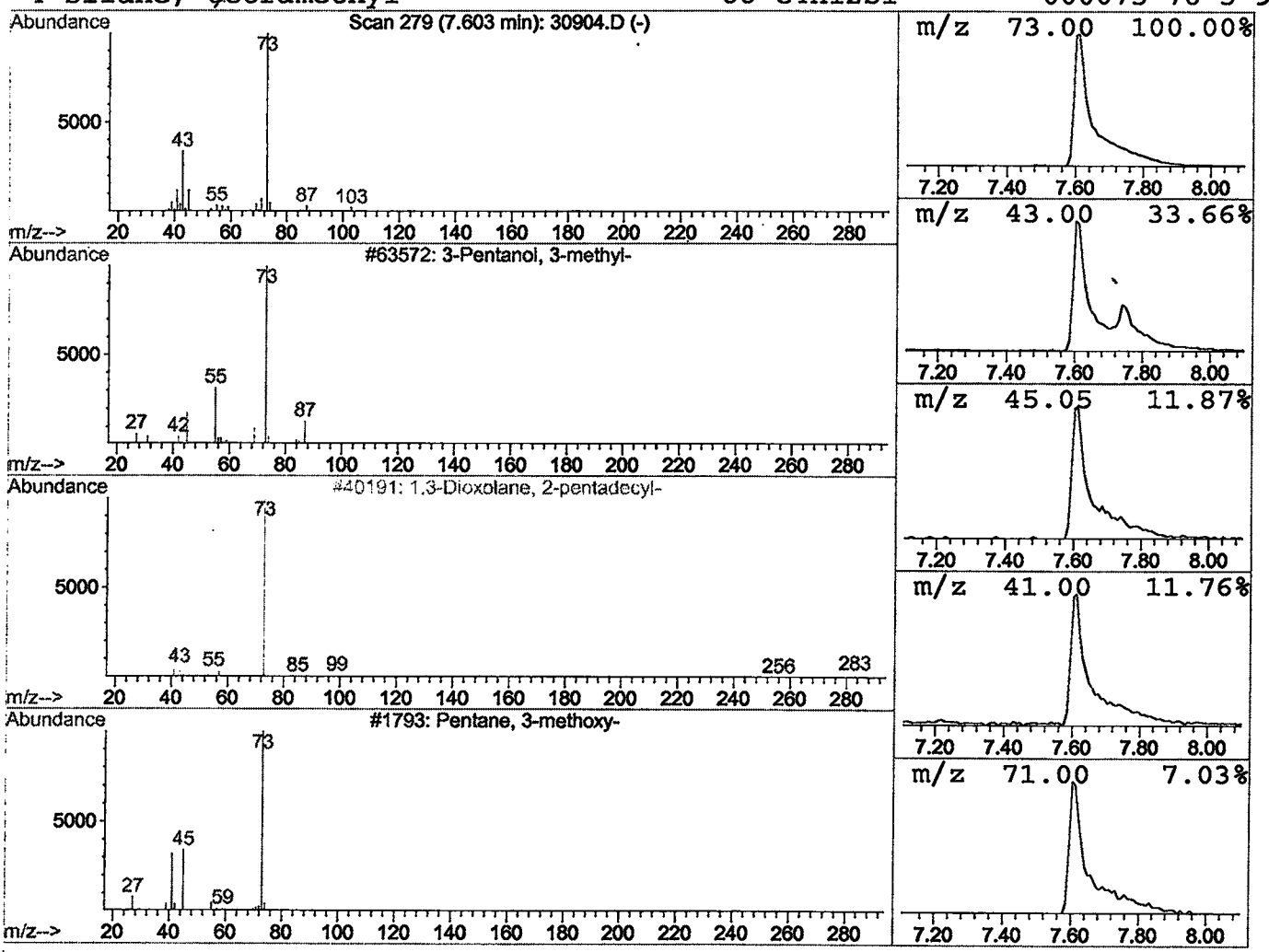
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.38 ug/l	800183	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

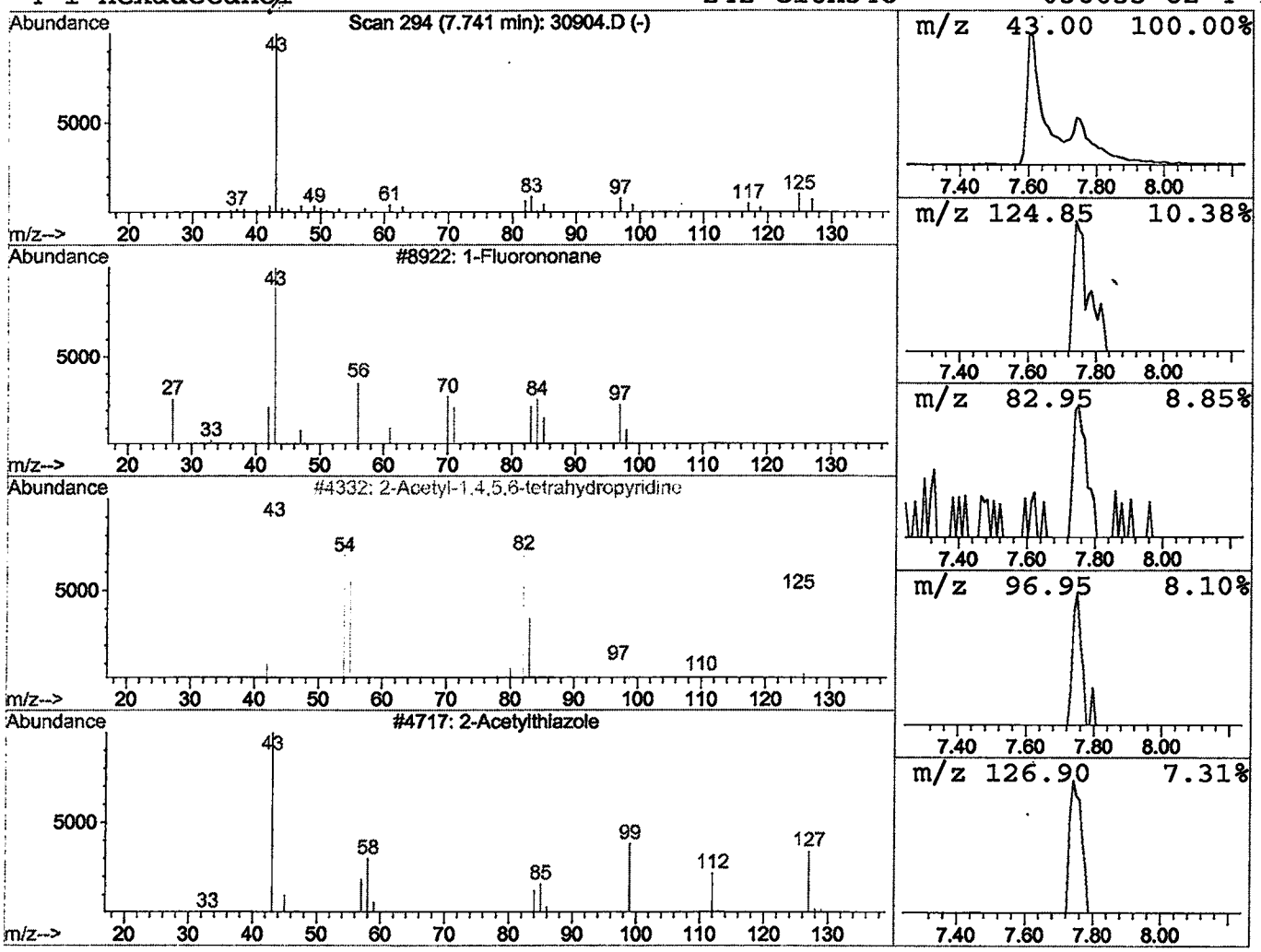
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Fluorononane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.88 ug/l	208197	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Fluorononane	146	C9H19F	000463-18-3	9
2	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
4	1-Hexadecanol	242	C16H34O	036653-82-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

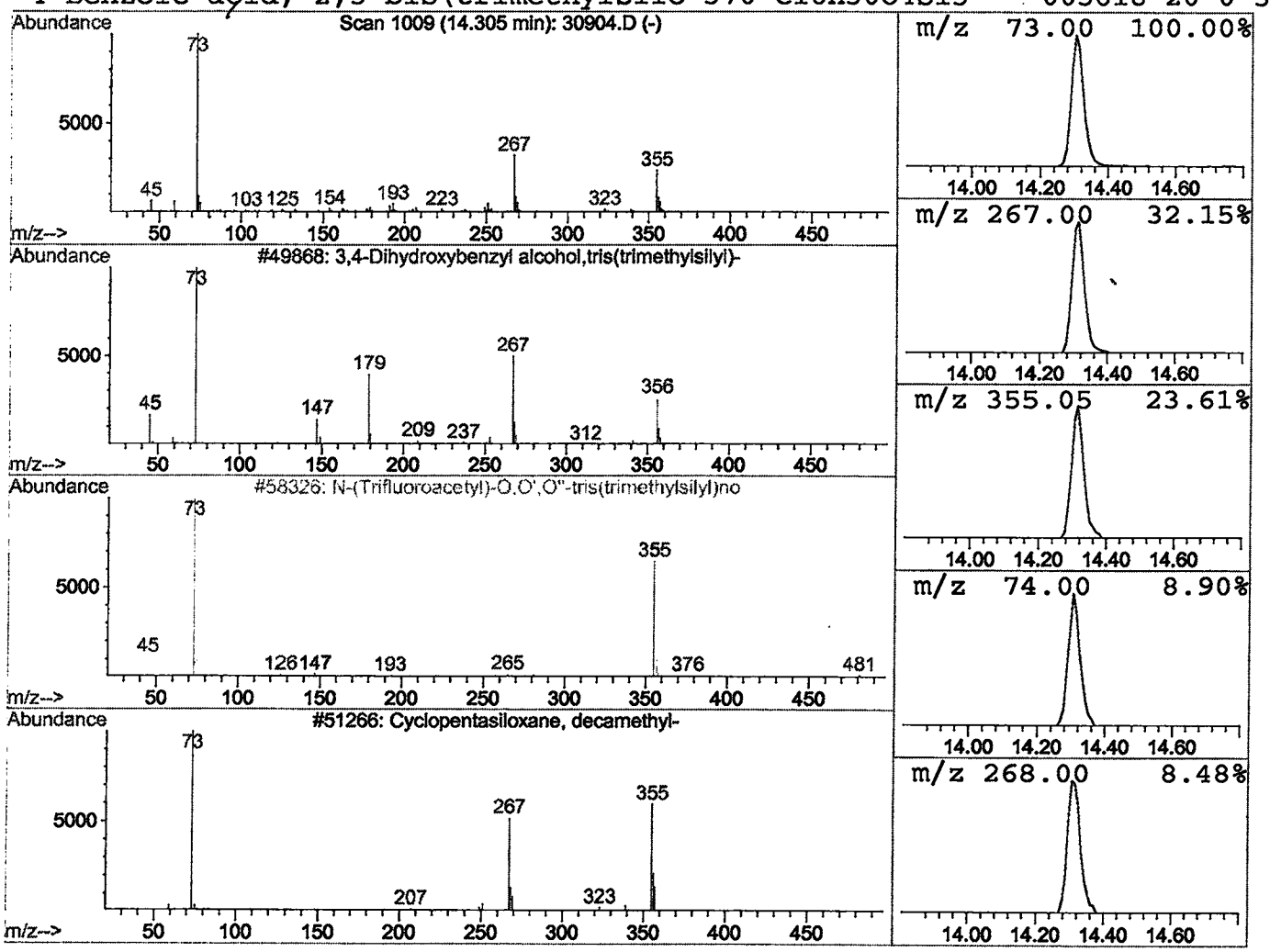
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3,4-Dihydroxybenzyl alcohol,tr Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.09 ug/l	318719	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	40
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

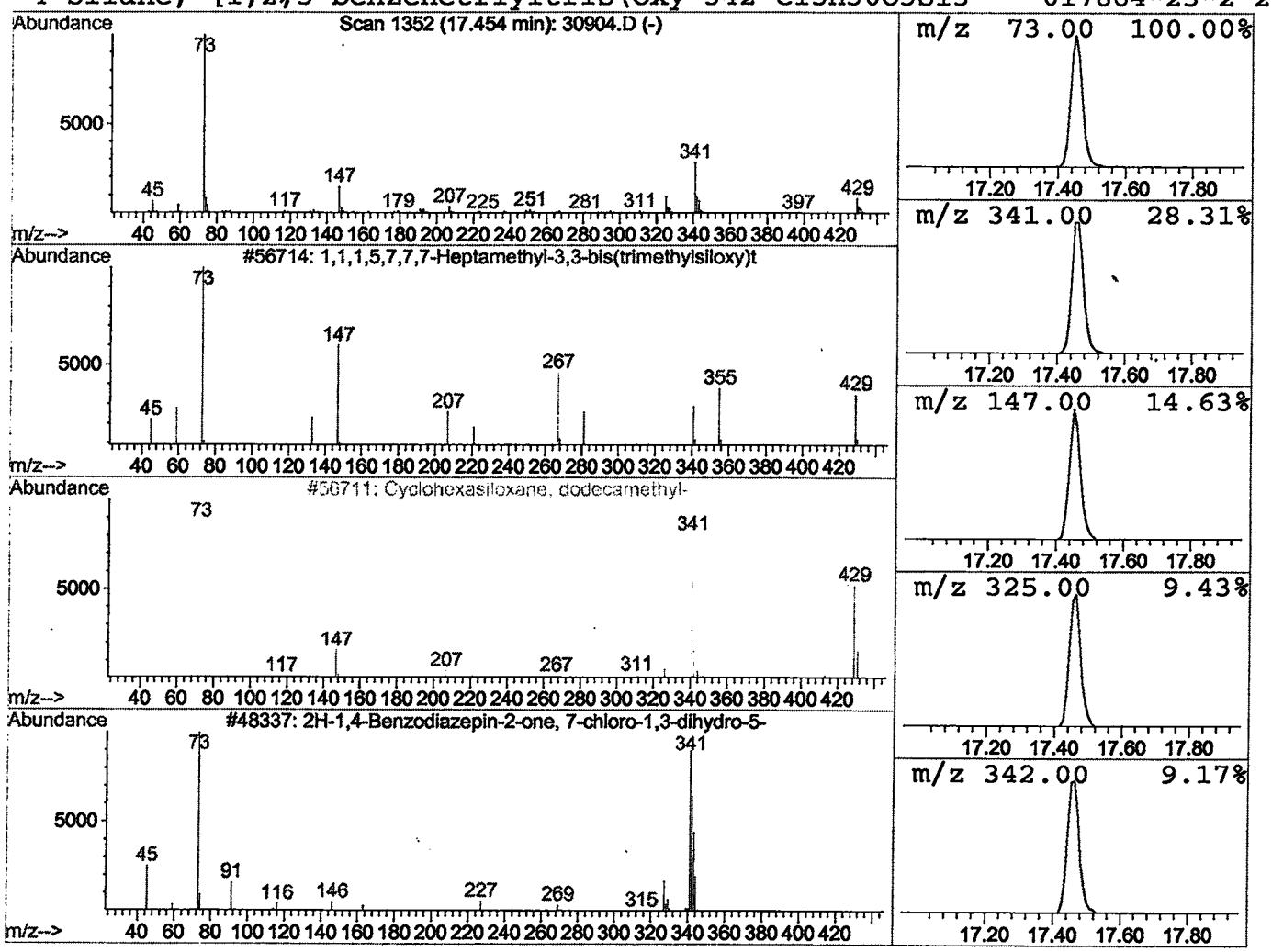
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.90 ug/l	555536	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	27
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	23
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

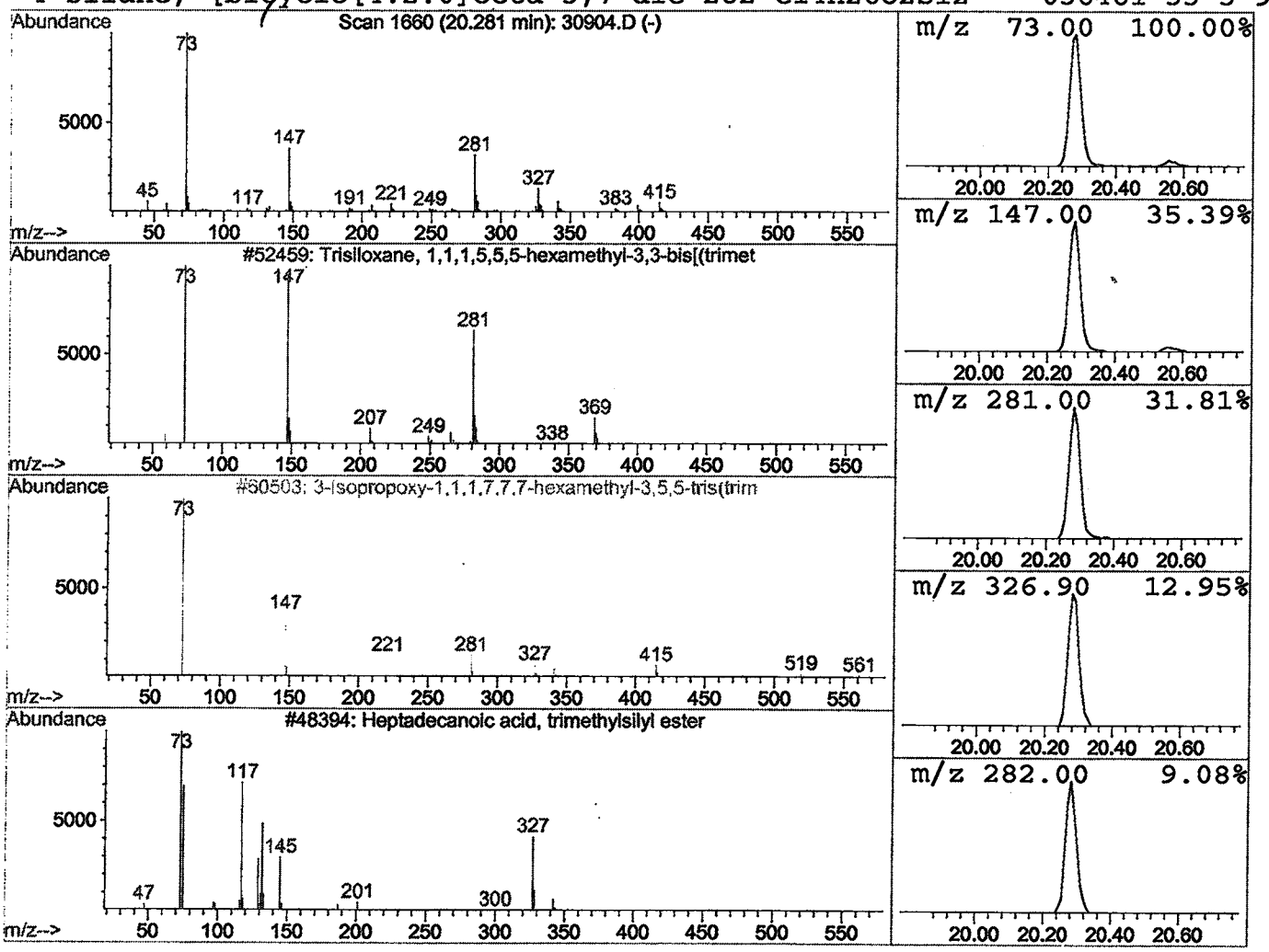
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	1.16 ug/l	368149	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	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37
3	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	9



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Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

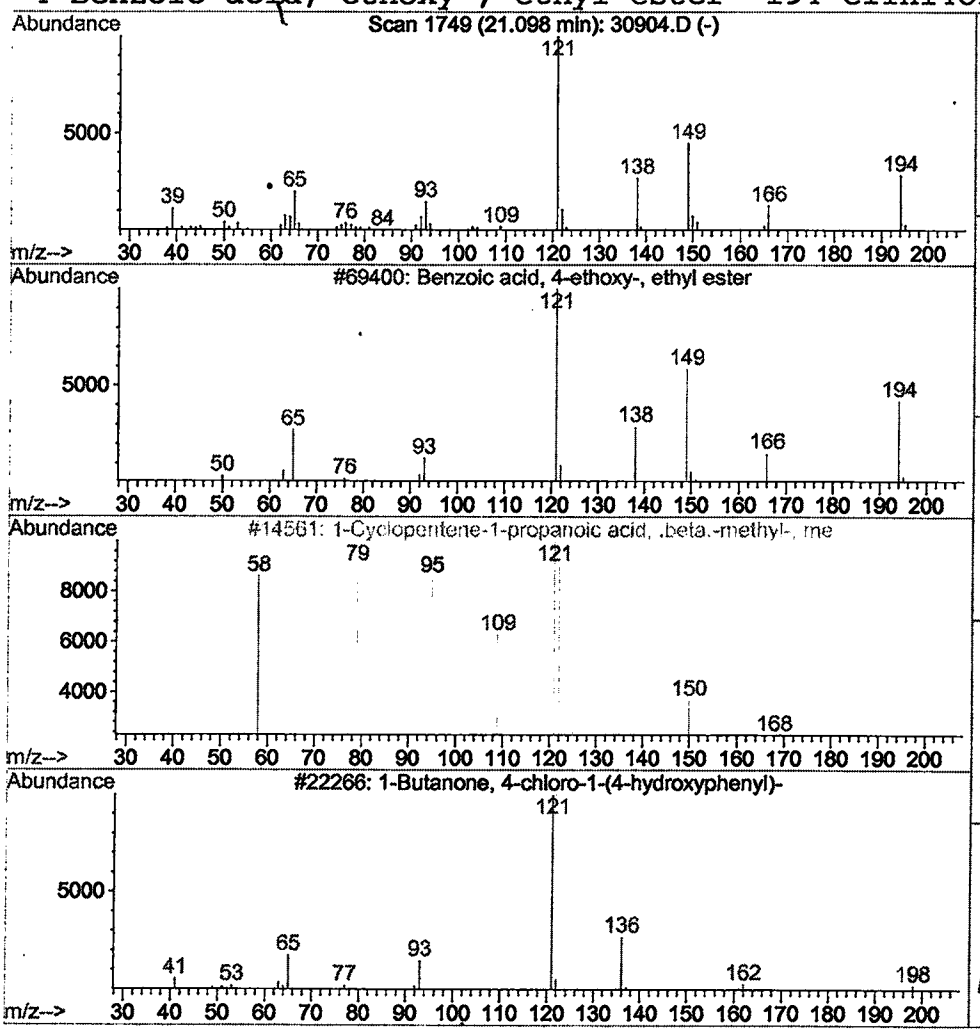
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

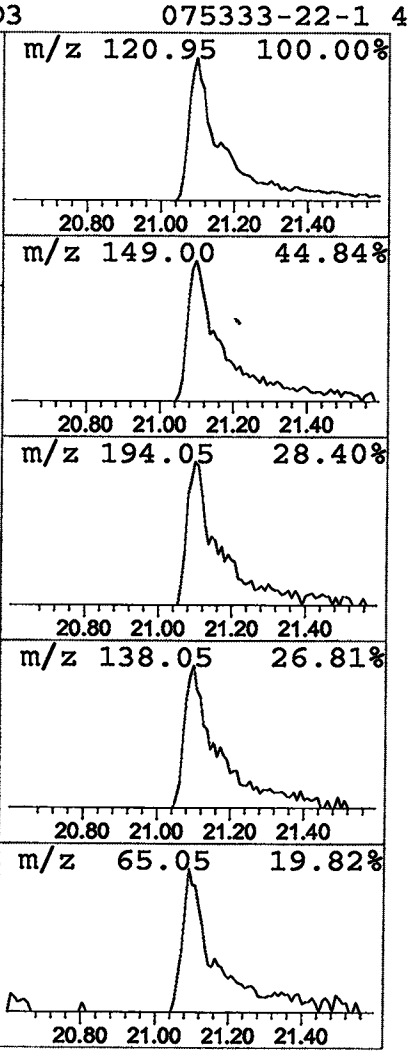
****

Peak Number 6 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	0.69 ug/l	219475	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	97
2	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	80
3	1-Butanone, 4-chloro-1-(4-hydroxyph	198	C10H11ClO2	007150-55-2	43
4	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	43





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30904.D
Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
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Multiplr: 1.00

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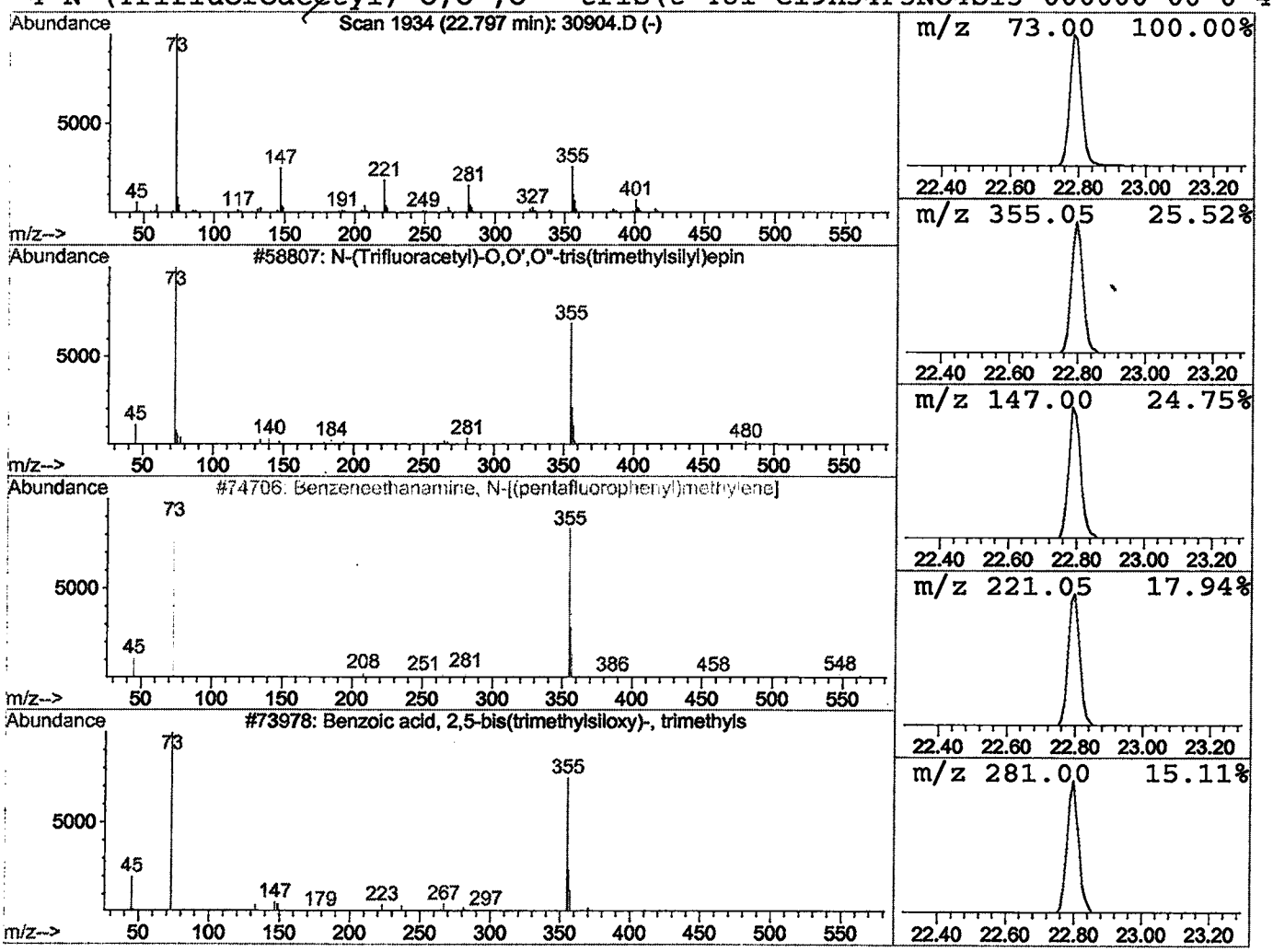
****

Peak Number 7 N-(Trifluoracetyl)-O,O',O"-tri Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.71 ug/l	209501	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43



Library Search Compound Report

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Acq On : 2 Jan 2002 6:35 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 44
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

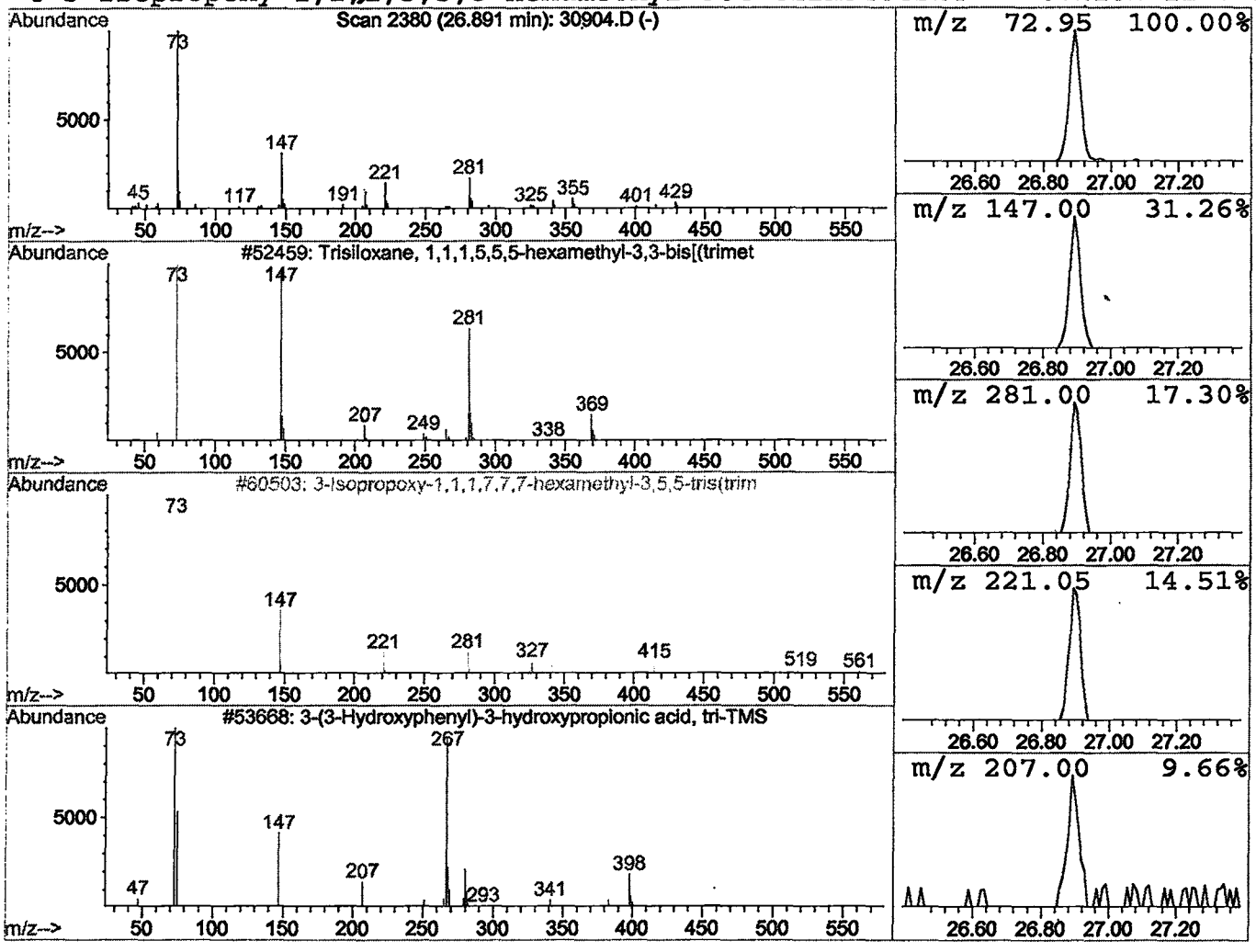
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.89	0.24 ug/l	70549	Phenanthrene-d10	24.98

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	50
3	3-(3-Hydroxyphenyl)-3-hydroxypropio	398	C18H34O4Si3	000000-00-0	36
4	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	35



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 6:35 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30904.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
3-Pentanol, 3-methyl	7.60	3.4	ug/l	800183	ISTD01	11.67	4732500	20.0
1-Fluorononane	7.74	0.9	ug/l	208197	ISTD01	11.67	4732500	20.0
3,4-Dihydroxybenzyl	14.30	1.1	ug/l	318719	ISTD02	15.28	5861110	20.0
1,1,1,5,7,7,7-Heptam	17.45	1.9	ug/l	555536	ISTD02	15.28	5861110	20.0
Trisiloxane, 1,1,1,5	20.28	1.2	ug/l	368149	ISTD03	20.56	6373620	20.0
Benzoic acid, 4-etho	21.10	0.7	ug/l	219475	ISTD03	20.56	6373620	20.0
N-(Trifluoracetyl)-O	22.80	0.7	ug/l	209501	ISTD04	24.98	5933650	20.0
Trisiloxane, 1,1,1,5	26.89	0.2	ug/l	70549	ISTD04	24.98	5933650	20.0

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Column bleed