User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:53:06

Sample: AD30903
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:52 Ended: 1/18/02 17:52 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AD30903 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:53:34

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 14:40 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.52	152	859077	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3279066	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1609291	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2398149	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1437420	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	833660	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	109742	3.99	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 79.80%			
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	15.18	128	880	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.86	165	1537	N.D.		
25) Diethylphthalate	21.92	149	841	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 (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 14:40 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.82	178	995	N.D.	
34)	Anthracene	24.82	178	995	N.D.	
35)	Di-n-butylphthalate	26.84	149	5676	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.33	149	1339	N.D.	
41)	Benzo(a)anthracene	32.84	228	3748	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	8078	N.D.	
43)	Chrysene	32.84	228	3748	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	36.90	252	3343	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.	

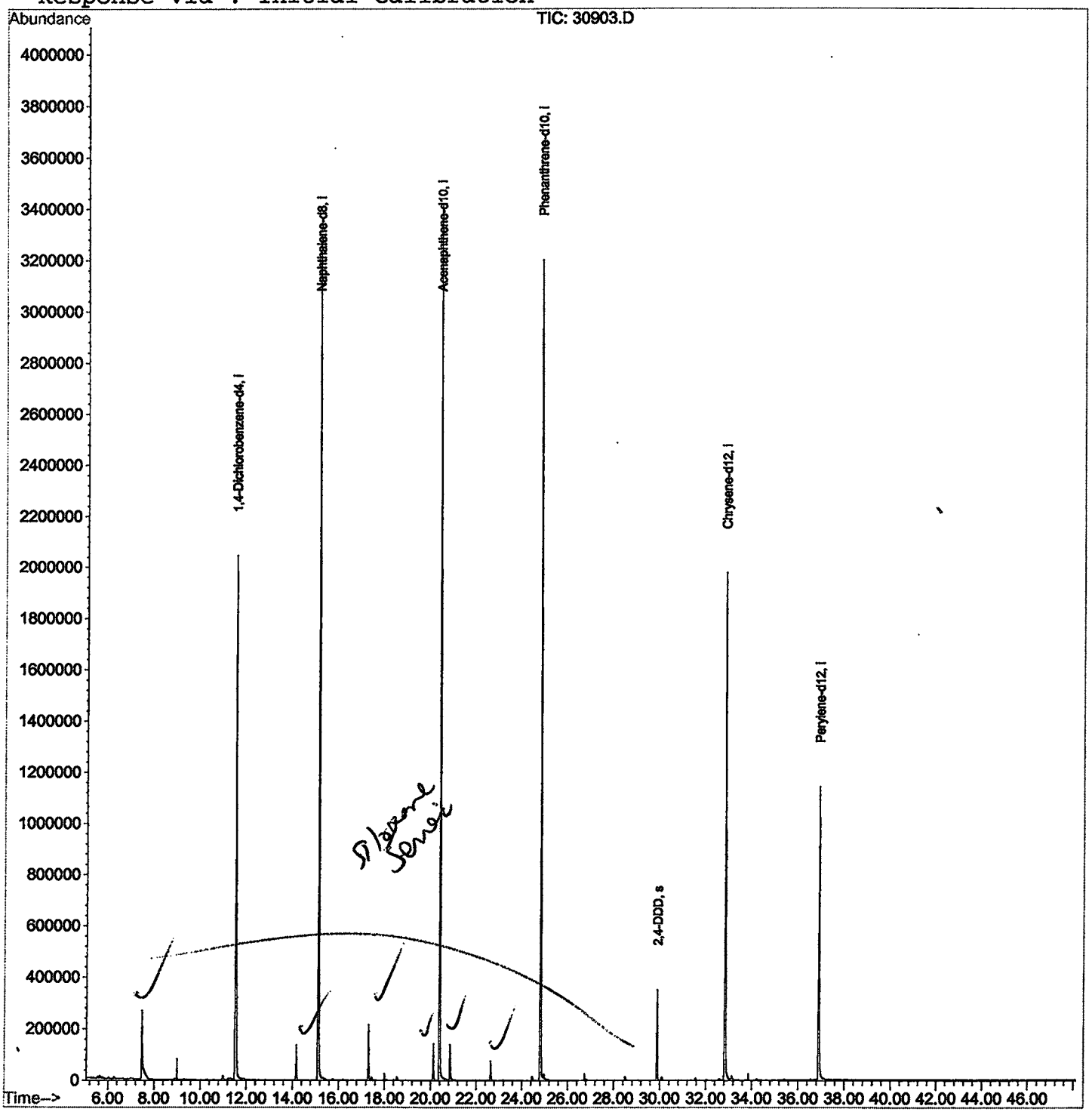
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\30903.D
Acq On : 9 Jan 2002 11:46 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 9 14:40 2002

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS0103.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 : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

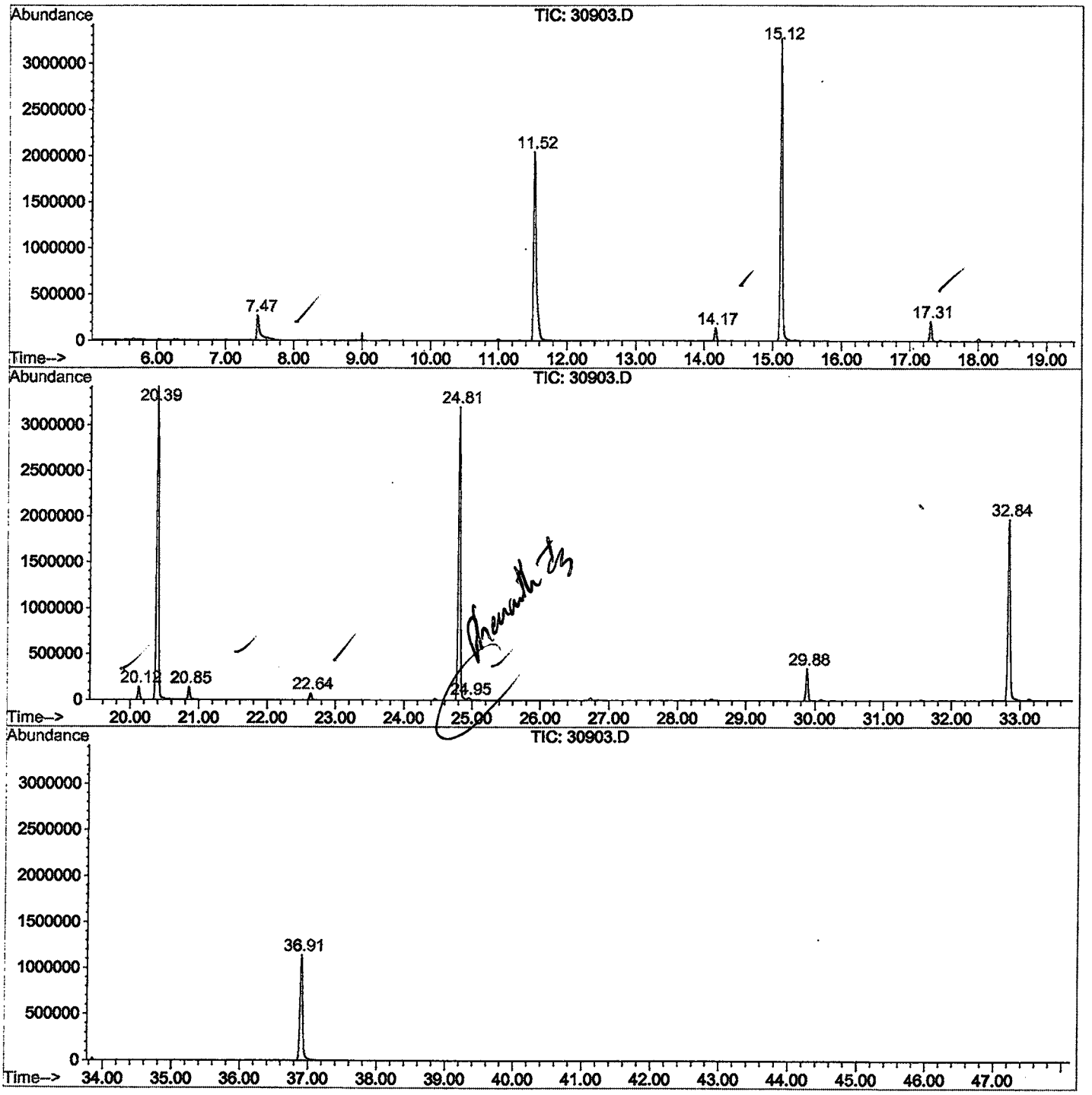
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.465	261	264	278	rBV	265869	773634	10.92%	2.110%
2	11.523	701	706	732	rBV	2044637	5415141	76.46%	14.771%
3	14.167	990	994	1001	rVB	137551	262221	3.70%	0.715%
4	15.122	1093	1098	1113	rBV	3265882	6674171	94.23%	18.205%
5	17.307	1329	1336	1345	rVB	214635	408177	5.76%	1.113%
6	20.125	1635	1643	1650	rBV	143593	274070	3.87%	0.748%
7	20.391	1666	1672	1690	rBV	3419726	7082548	100.00%	19.319%
8	20.850	1718	1722	1732	rBV	136757	283553	4.00%	0.773%
9	22.640	1911	1917	1922	rBV	75845	147075	2.08%	0.401%
10	24.807	2147	2153	2165	rBV2	3201744	6821439	96.31%	18.607%
11	24.954	2165	2169	2181	rVB	21605	74895	1.06%	0.204%
12	29.884	2701	2706	2712	rBV	349489	674741	9.53%	1.840%
13	32.840	3021	3028	3052	rBV2	1977260	4672503	65.97%	12.745%
14	36.906	3464	3471	3490	rBV	1139090	3096765	43.72%	8.447%

Sum of corrected areas: 36660933

30903.D GCMS0103.M Thu Jan 10 15:57:44 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\JAN0802\30903.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 11:46 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20a
Misc Info :
Vial Number: 23
Quant File :GCMS0103.RES (RTE Integrator)



30903.D GCMS0103.M Thu Jan 10 15:57:50 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

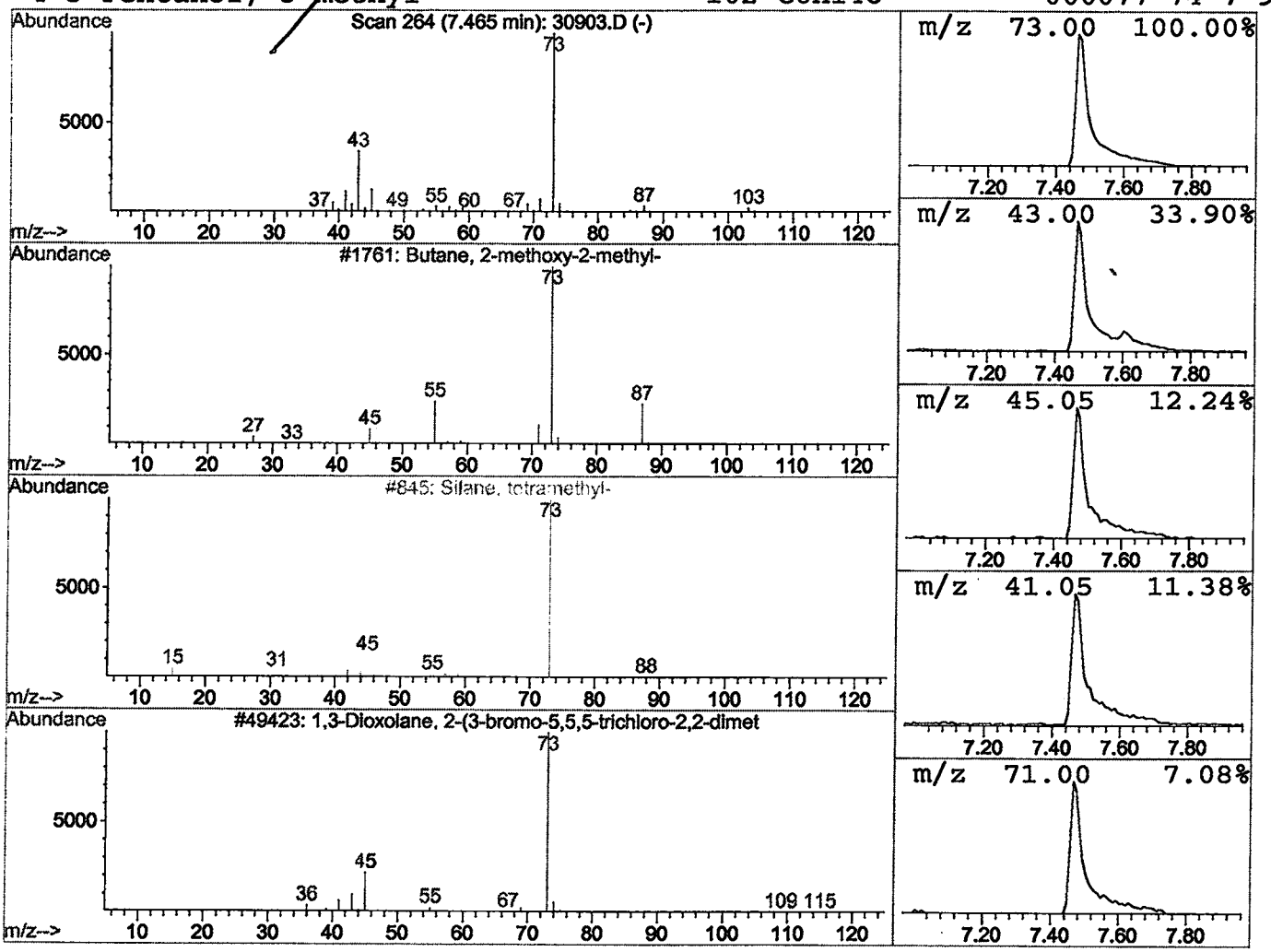
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.86 ug/l	773634	1,4-Dichlorobenzene-d4	11.52

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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D
Acq On : 9 Jan 2002 11:46 am
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

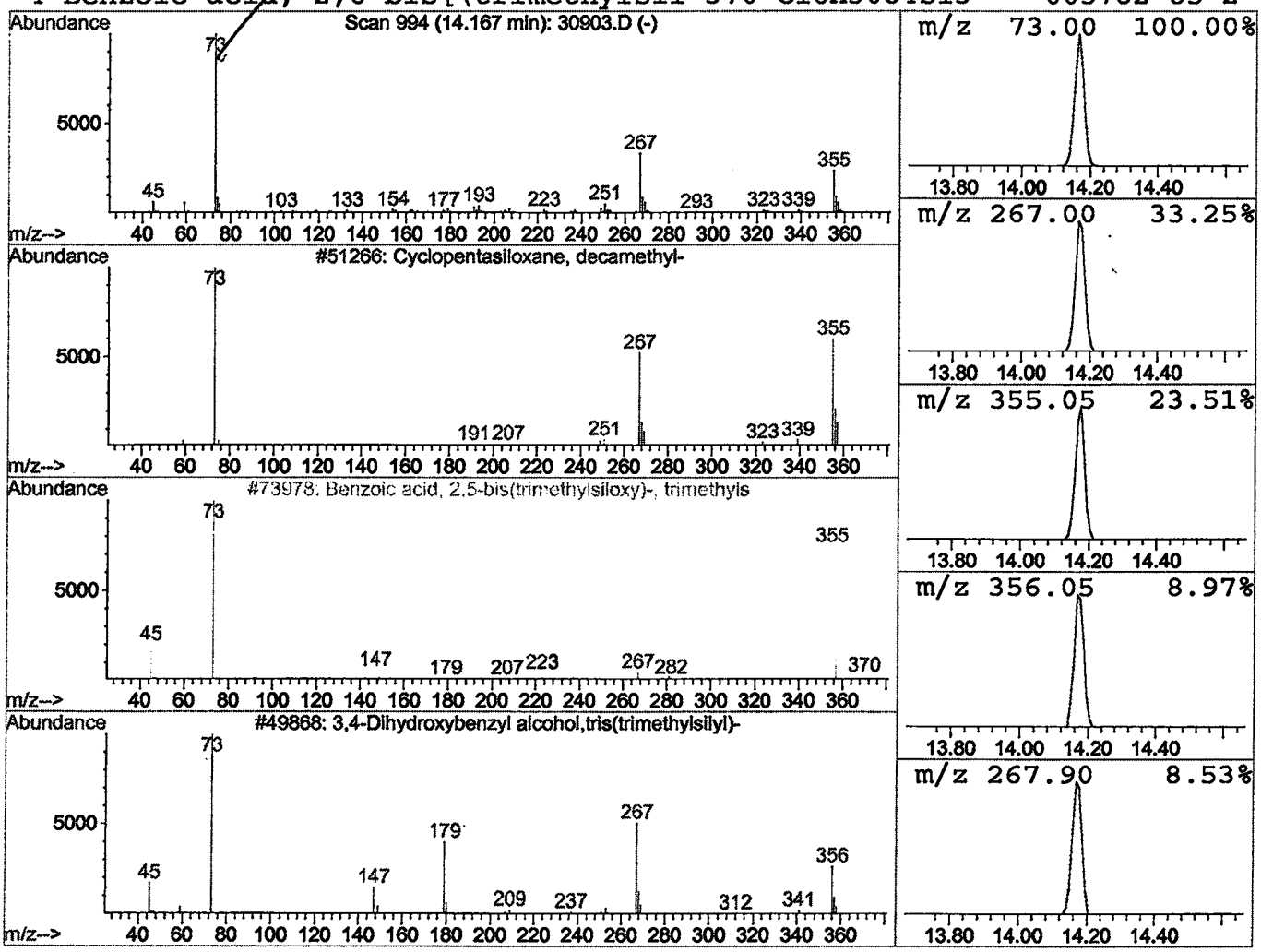
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	0.79 ug/l	262221	Naphthalene-d8	15.12

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	47
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

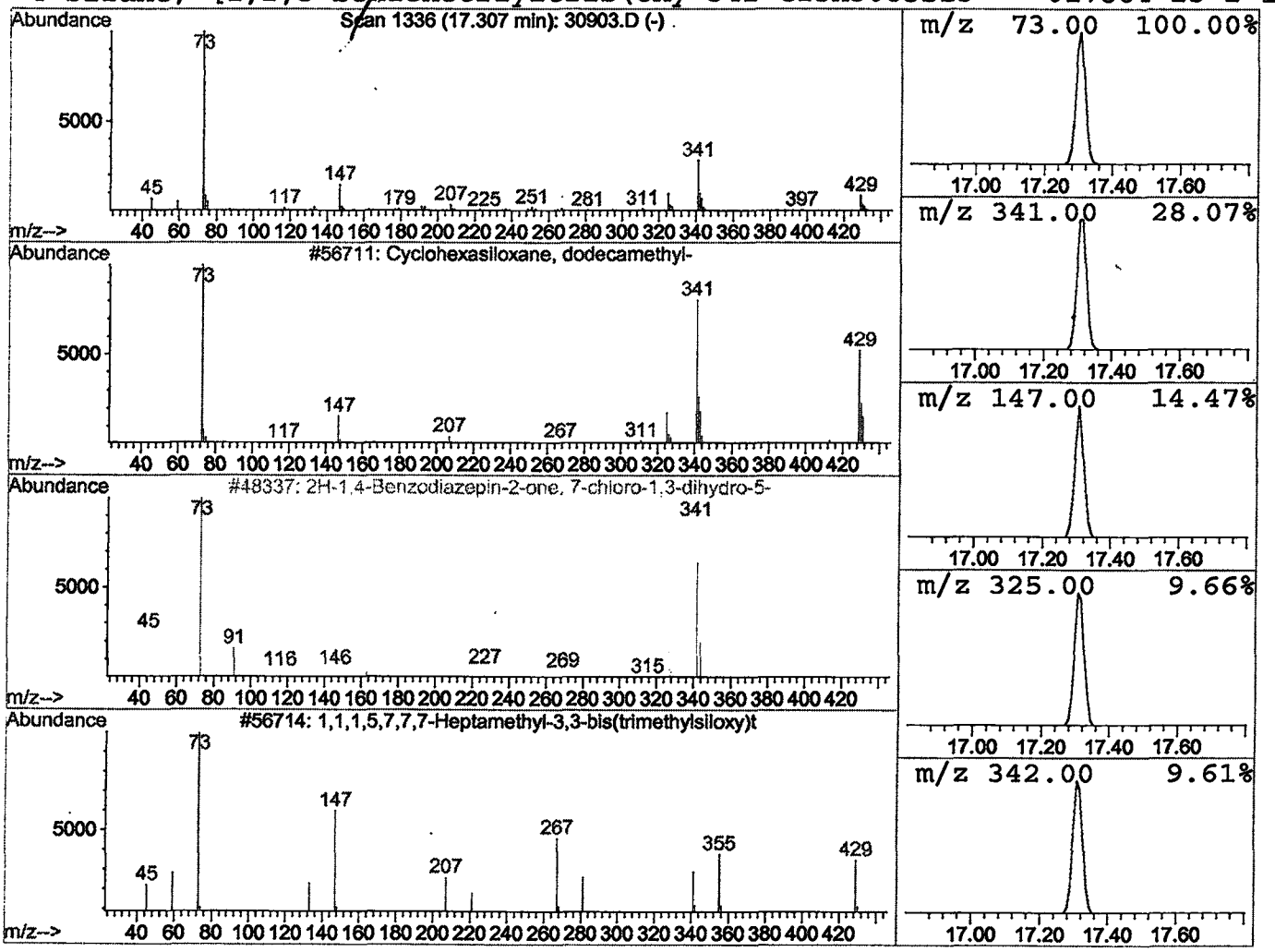
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	1.22 ug/l	408177	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	38
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	27
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	27
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

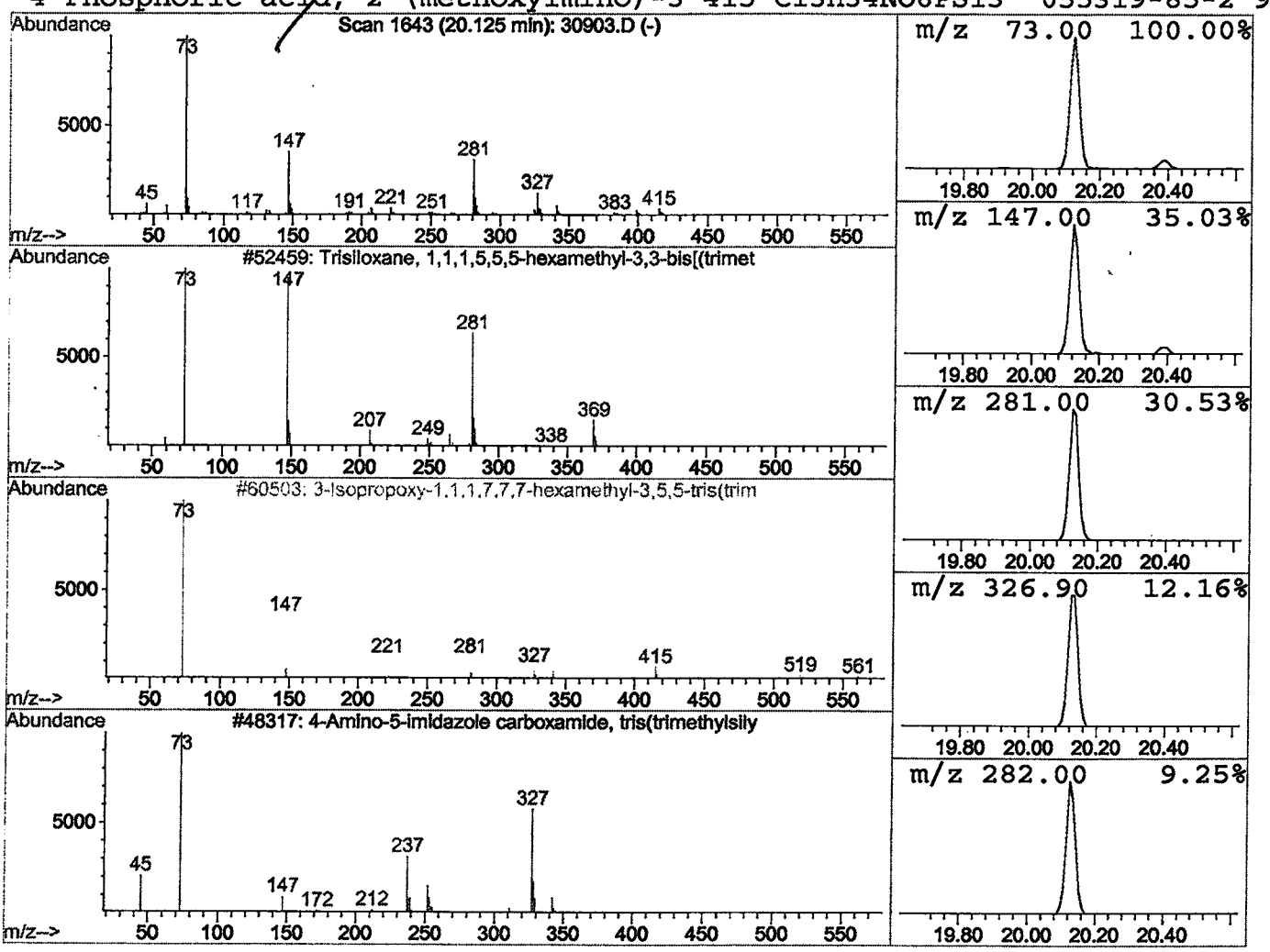
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	0.77 ug/l	274070	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	47
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	10
4	Phosphoric acid, 2-(methoxyimino)-3	415	C13H34NO6PSi3	055319-85-2	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

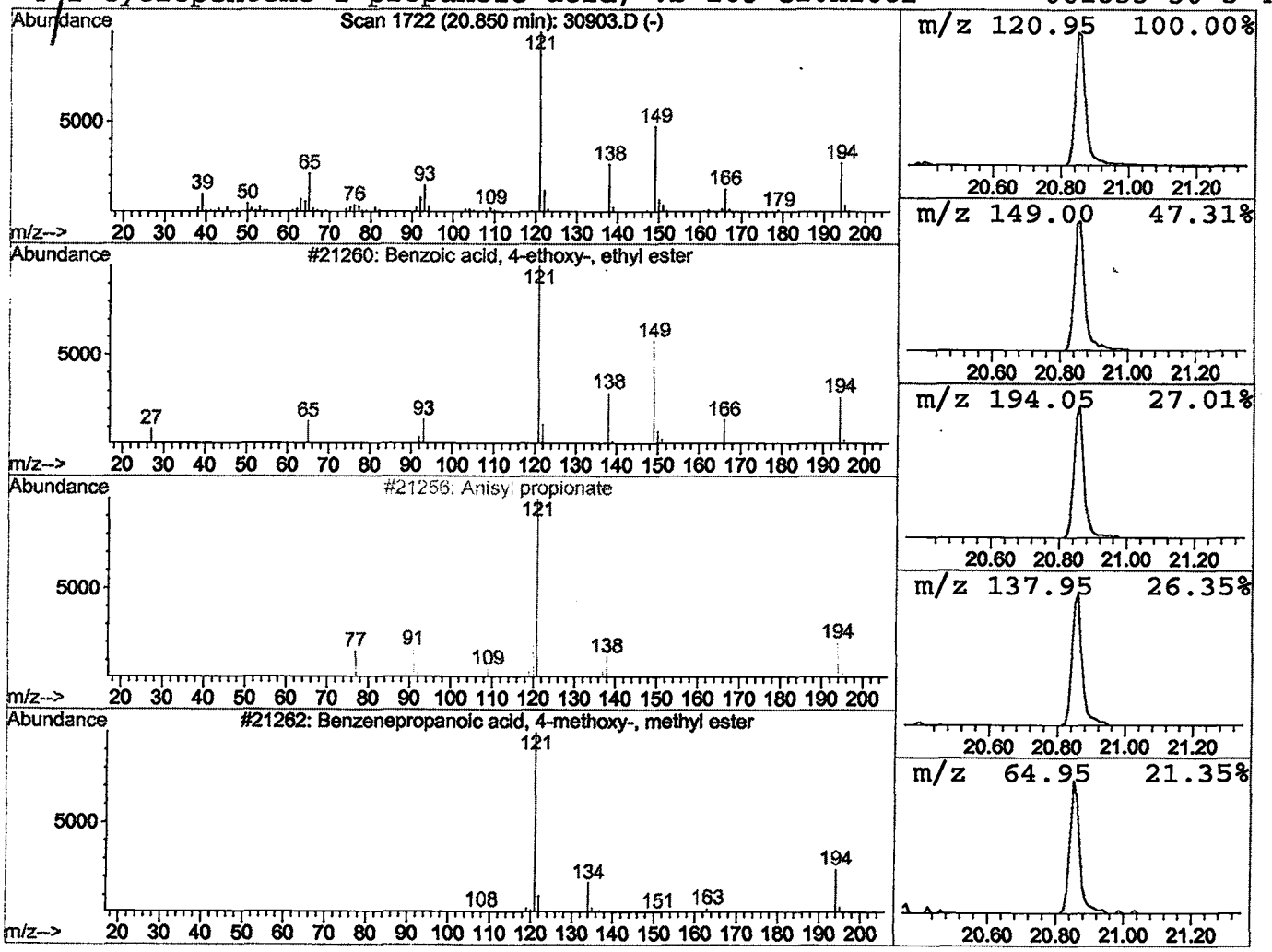
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	0.80 ug/l	283553	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	97
2	Anisyl propionate	194	C11H14O3	007549-33-9	43
3	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	43
4	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	42



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\30903.D Vial: 23
Acq On : 9 Jan 2002 11:46 am Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

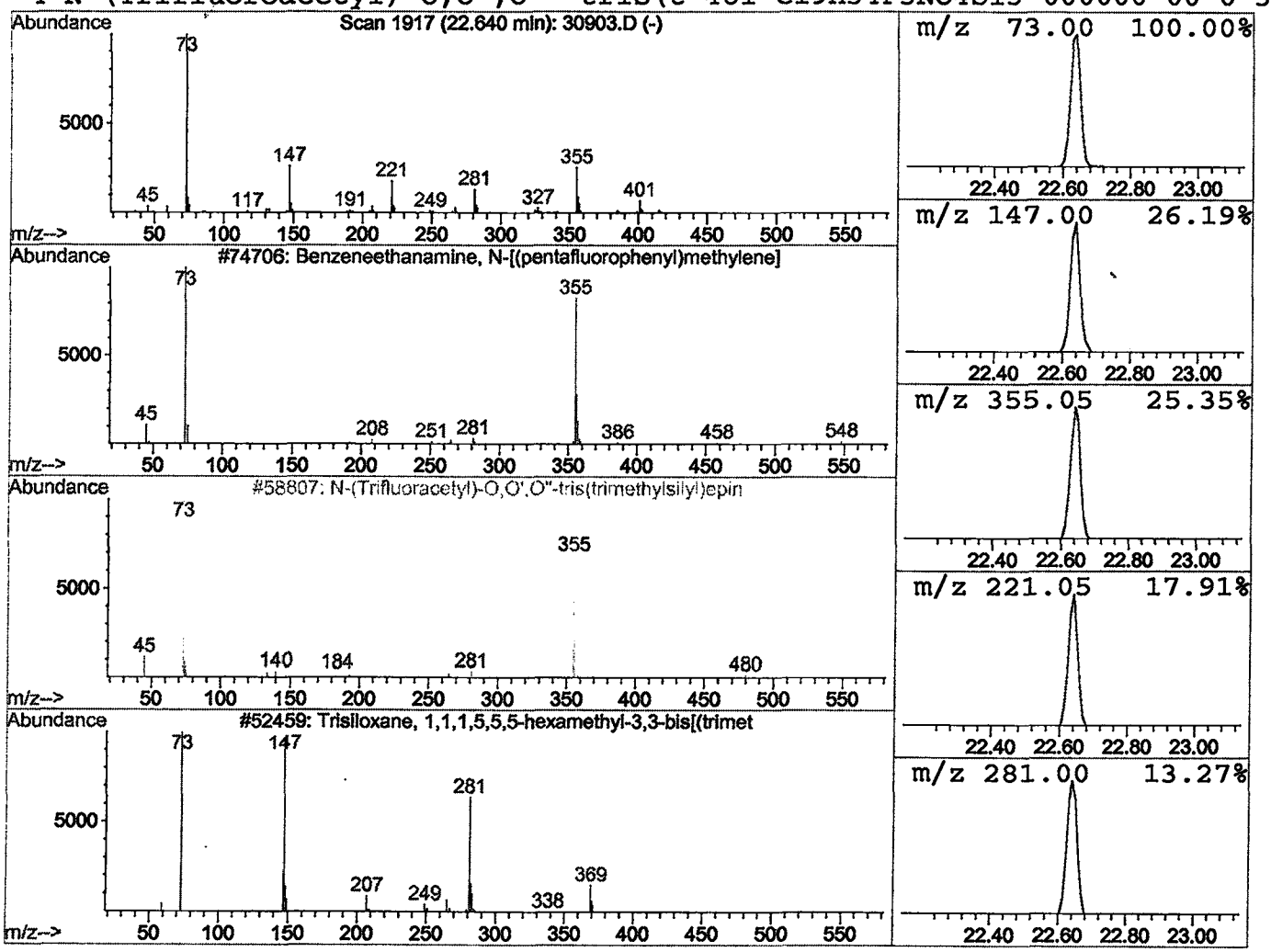
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.43 ug/l	147075	Phenanthrene-d10	24.81

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	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 11:46 am
Data File: M:\INSTRU~1\209\DATA\JAN0802\30903.D
Name: gcms scan 12/20a
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.47	2.9	ug/l	773634	ISTD01	11.52	5415140	20.0
Cyclopentasiloxane,	14.17	0.8	ug/l	262221	ISTD02	15.12	6674170	20.0
Cyclohexasiloxane, d	17.31	1.2	ug/l	408177	ISTD02	15.12	6674170	20.0
Trisiloxane, 1,1,1,5	20.12	0.8	ug/l	274070	ISTD03	20.39	7082550	20.0
Benzoic acid, 4-etho	20.85	0.8	ug/l	283553	ISTD03	20.39	7082550	20.0
Benzeneethanamine, N	22.64	0.4	ug/l	147075	ISTD04	24.81	6821440	20.0

30903.D GCMS0103.M Thu Jan 10 15:58:29 2002