...d L
...Dept. of Labs & Research
...8/2002 Time: 17:51:40

...ple: AD31019
...nalysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:51 Ended: 1/18/02 17:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 9 14:40 2002

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
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	11.53	152	920374	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	3524055	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1744331	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2594681	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1626983	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	948029	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	155427	5.22	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.15	74	182	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	820	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.21	162	250	N.D.		
20) Dimethylphthalate	20.12	163	370	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	20.06	152	192	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.85	165	1959	N.D.		
25) Diethylphthalate	21.92	149	621	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\JAN0802\31019.D Vial: 24
Acq On : 9 Jan 2002 12:45 pm 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	24.81	178	1388	N.D.	
34)	Anthracene	24.81	178	1388	N.D.	
35)	Di-n-butylphthalate	26.83	149	6530	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.57	149	801	N.D.	
41)	Benzo(a)anthracene	32.84	228	4174	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	9692	N.D.	
43)	Chrysene	32.84	228	4174	N.D.	
45)	Di-n-Octylphthalate	34.88	149	195	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	36.91	252	3860	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

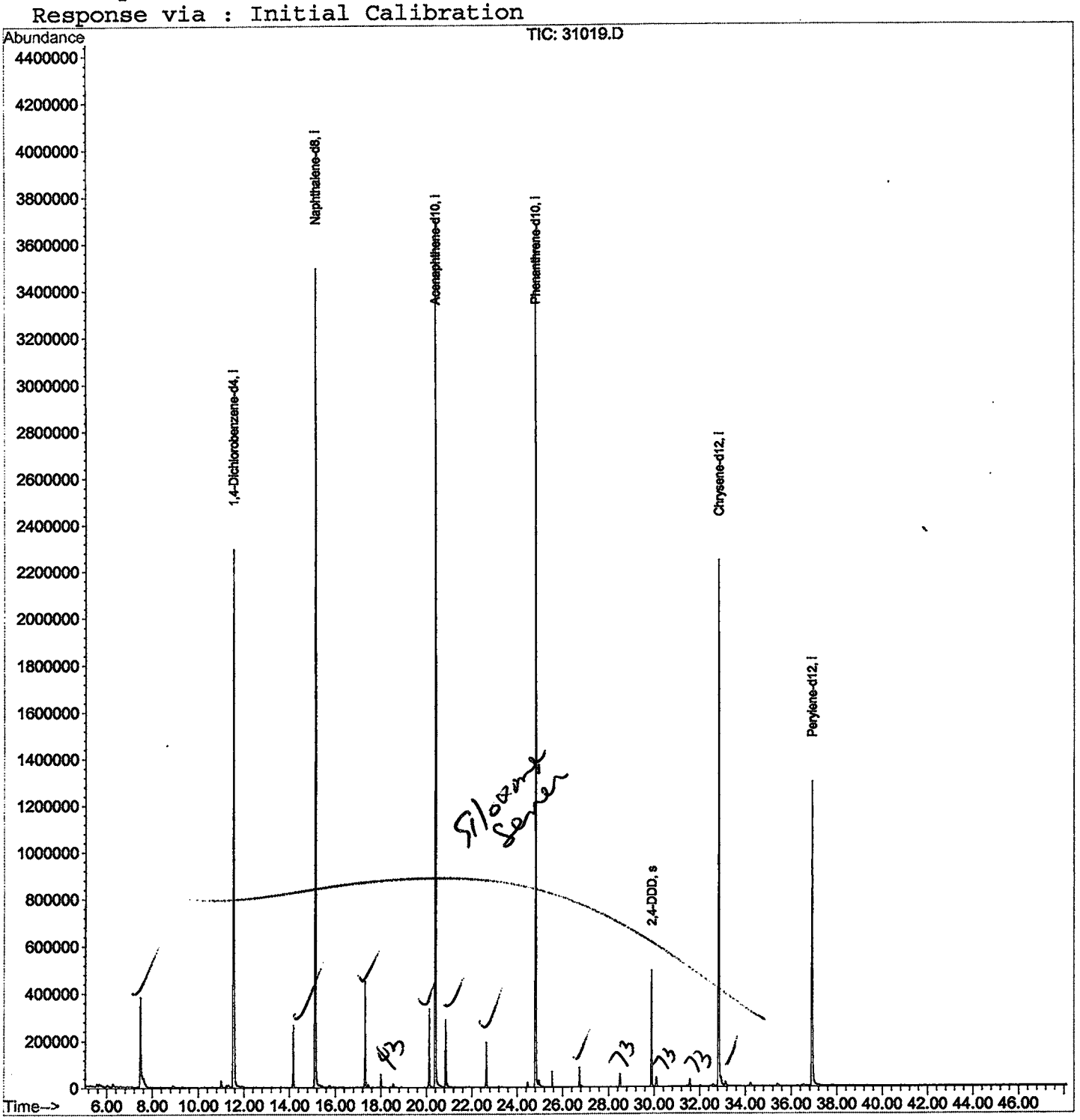
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 9 14:40 2002

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.RES

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



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

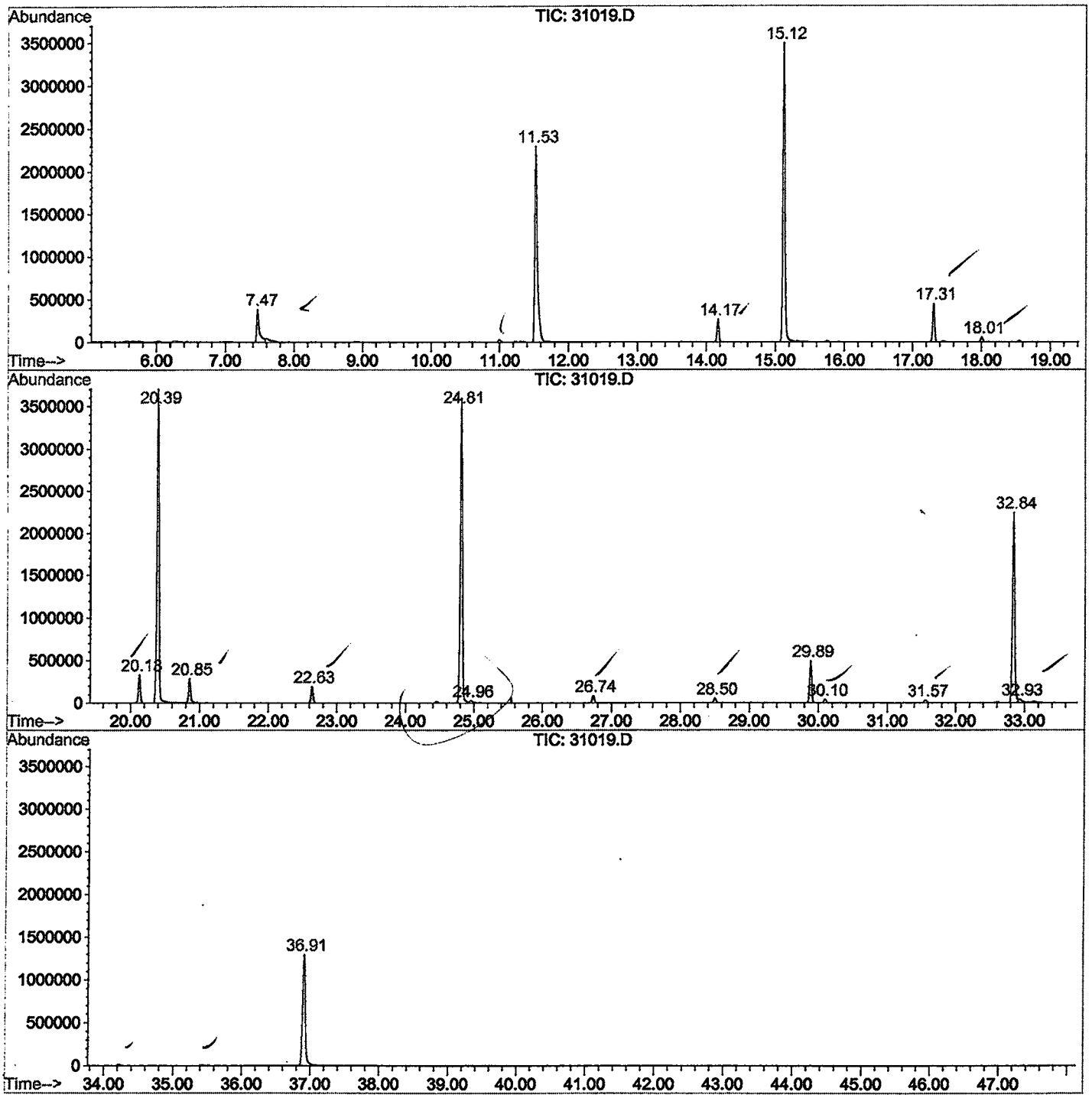
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.468	260	264	276	rBV	380506	1003169	13.18%	2.354%
2	11.525	701	706	727	rBV	2292922	5793569	76.10%	13.594%
3	14.169	988	994	1001	rVB	264455	503754	6.62%	1.182%
4	15.124	1092	1098	1116	rBV	3493265	7207507	94.67%	16.912%
5	17.309	1328	1336	1342	rBV	450567	889180	11.68%	2.086%
6	18.007	1407	1412	1418	rBV	57049	108000	1.42%	0.253%
7	20.127	1638	1643	1649	rVB	330882	645088	8.47%	1.514%
8	20.394	1666	1672	1689	rBV	3705887	7613051	100.00%	17.864%
9	20.853	1717	1722	1737	rVB	284214	573489	7.53%	1.346%
10	22.634	1911	1916	1923	rVB	192480	393076	5.16%	0.922%
11	24.809	2146	2153	2165	rBV2	3593404	7569250	99.42%	17.761%
12	24.956	2165	2169	2182	rVB2	26933	84385	1.11%	0.198%
13	26.737	2358	2363	2368	rBV	84102	162562	2.14%	0.381%
14	28.500	2549	2555	2561	rBV	55530	113840	1.50%	0.267%
15	29.886	2700	2706	2713	rBV	493898	953616	12.53%	2.238%
16	30.097	2723	2729	2739	rVB2	40366	93777	1.23%	0.220%
17	31.566	2882	2889	2896	rBV	30892	76690	1.01%	0.180%
18	32.842	3021	3028	3035	rBV2	2240878	5158200	67.75%	12.104%
19	32.934	3035	3038	3055	rVV	40091	148199	1.95%	0.348%
20	36.909	3464	3471	3496	rBV	1292684	3526983	46.33%	8.276%

Sum of corrected areas: 42617385

31019.D GCMS0103.M Thu Jan 10 16:00:58 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Operator : 209 GALOS
Acquired : 9 Jan 2002 12:45 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/20a
Misc Info :
Vial Number: 24
Quant File :GCMS0103.RES (RTE Integrator)



31019.D GCMS0103.M Thu Jan 10 16:01:04 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

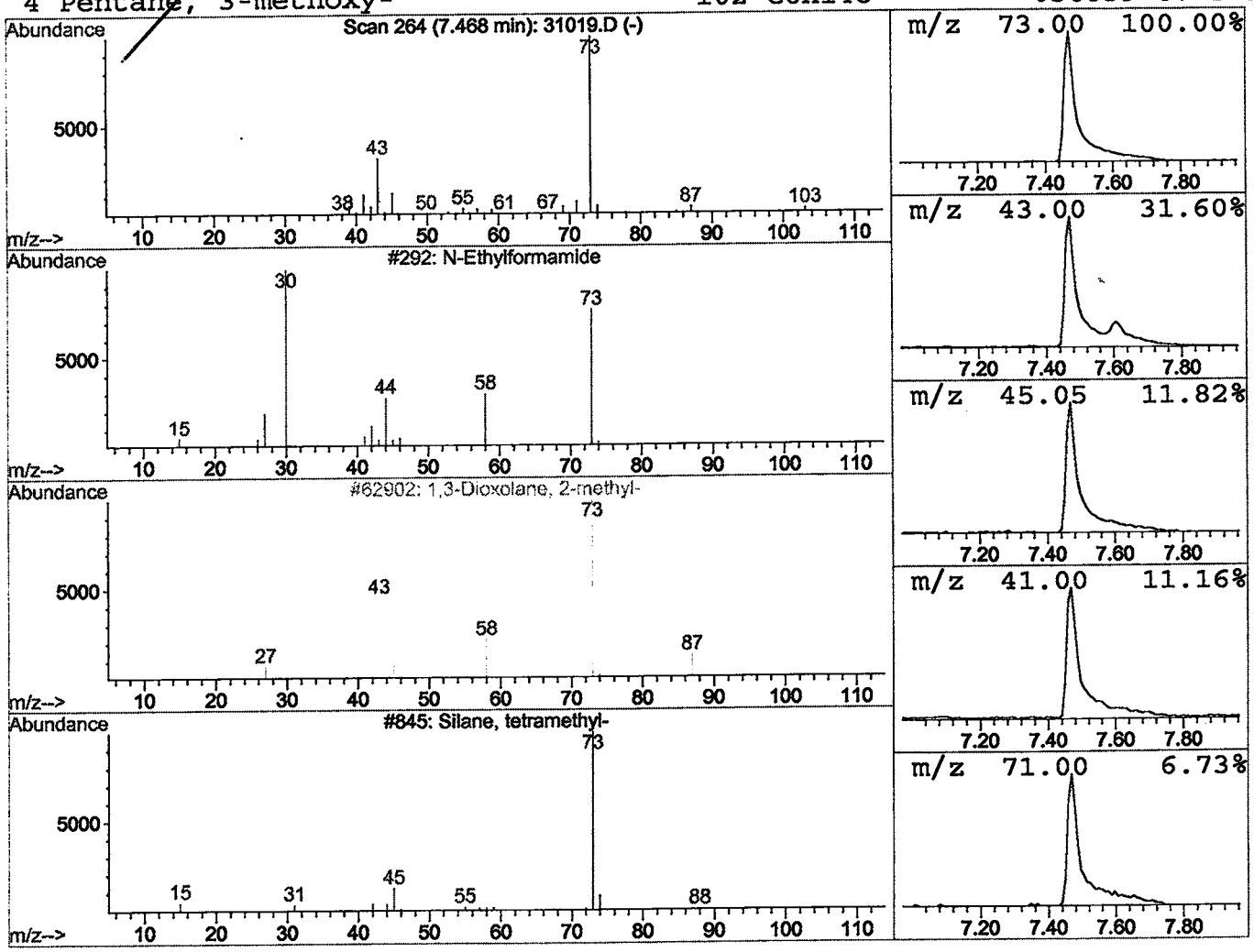
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.46 ug/l	1003170	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

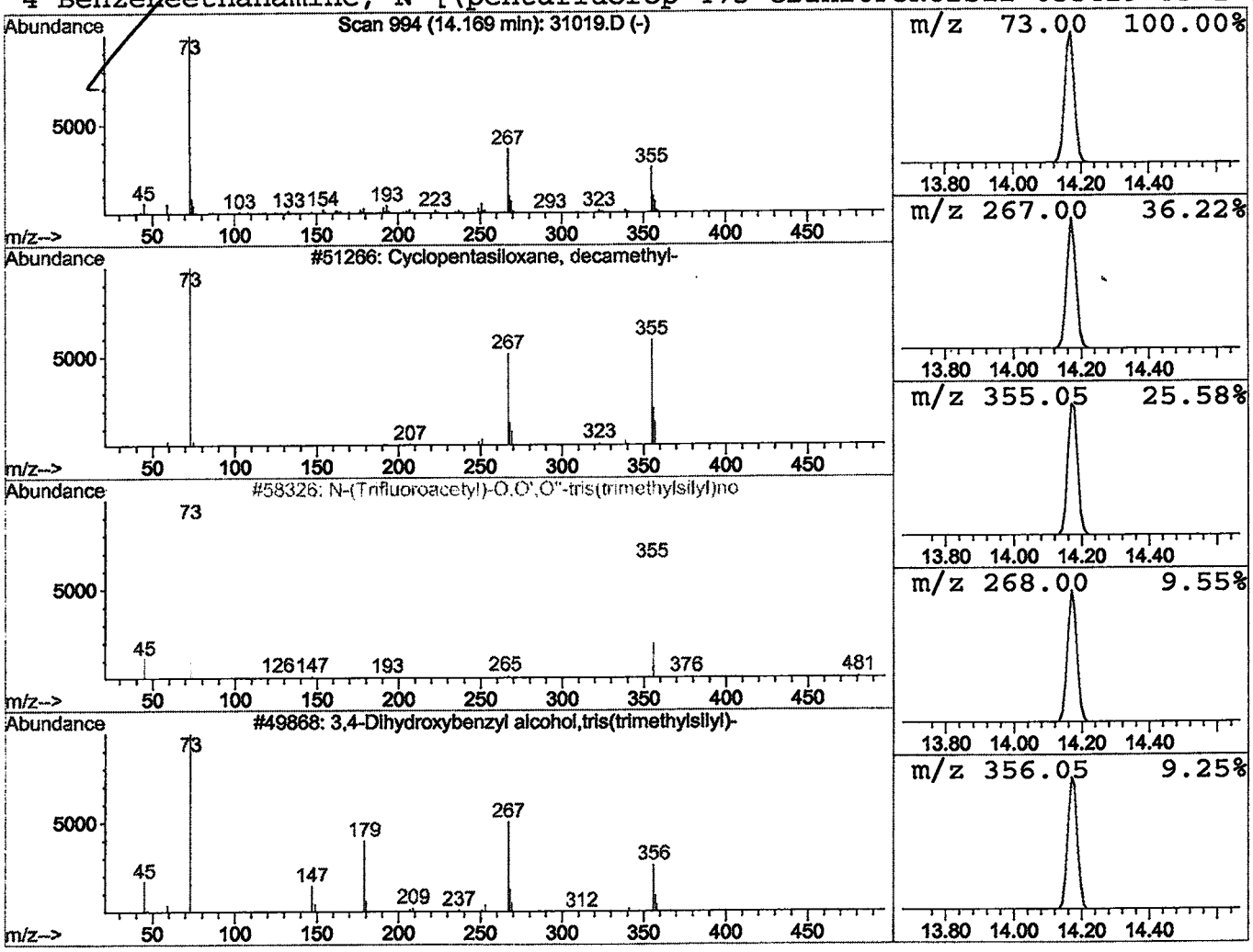
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	1.40 ug/l	503754	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	56
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	38



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

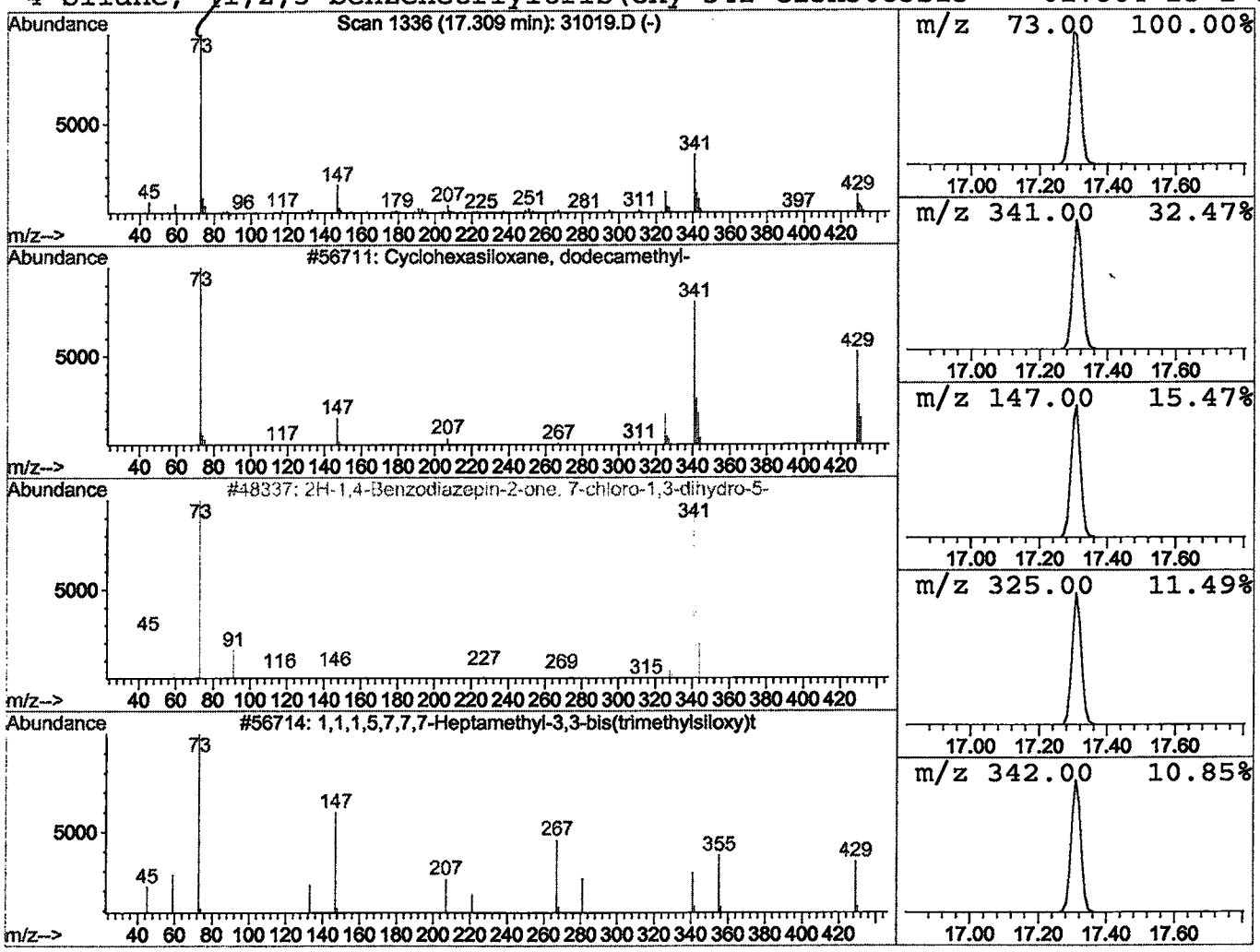
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.47 ug/l	889180	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12
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\31019.D Vial: 24
Acq On : 9 Jan 2002 12:45 pm Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

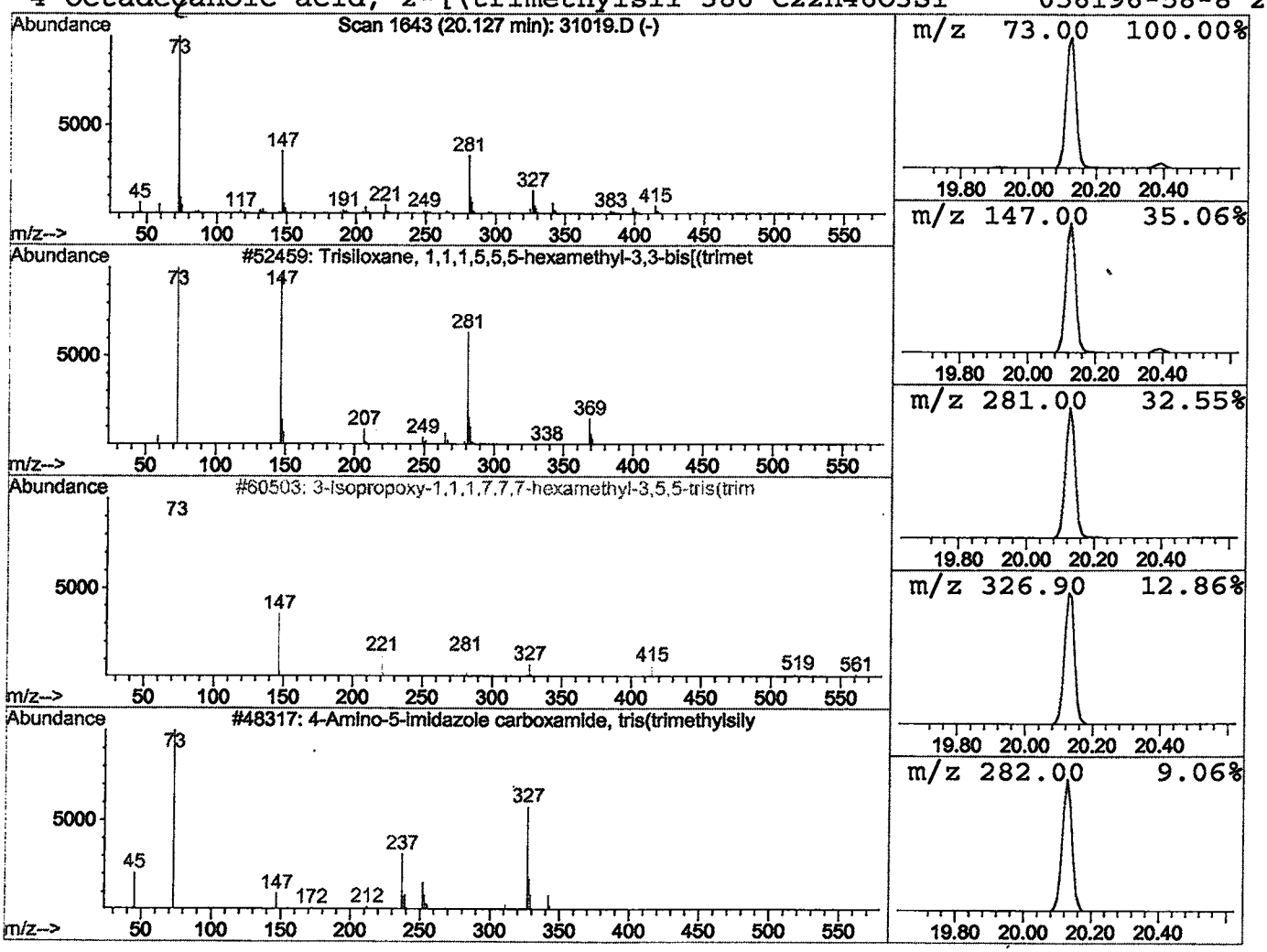
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	1.69 ug/l	645088	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	38
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	22
4	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	22



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

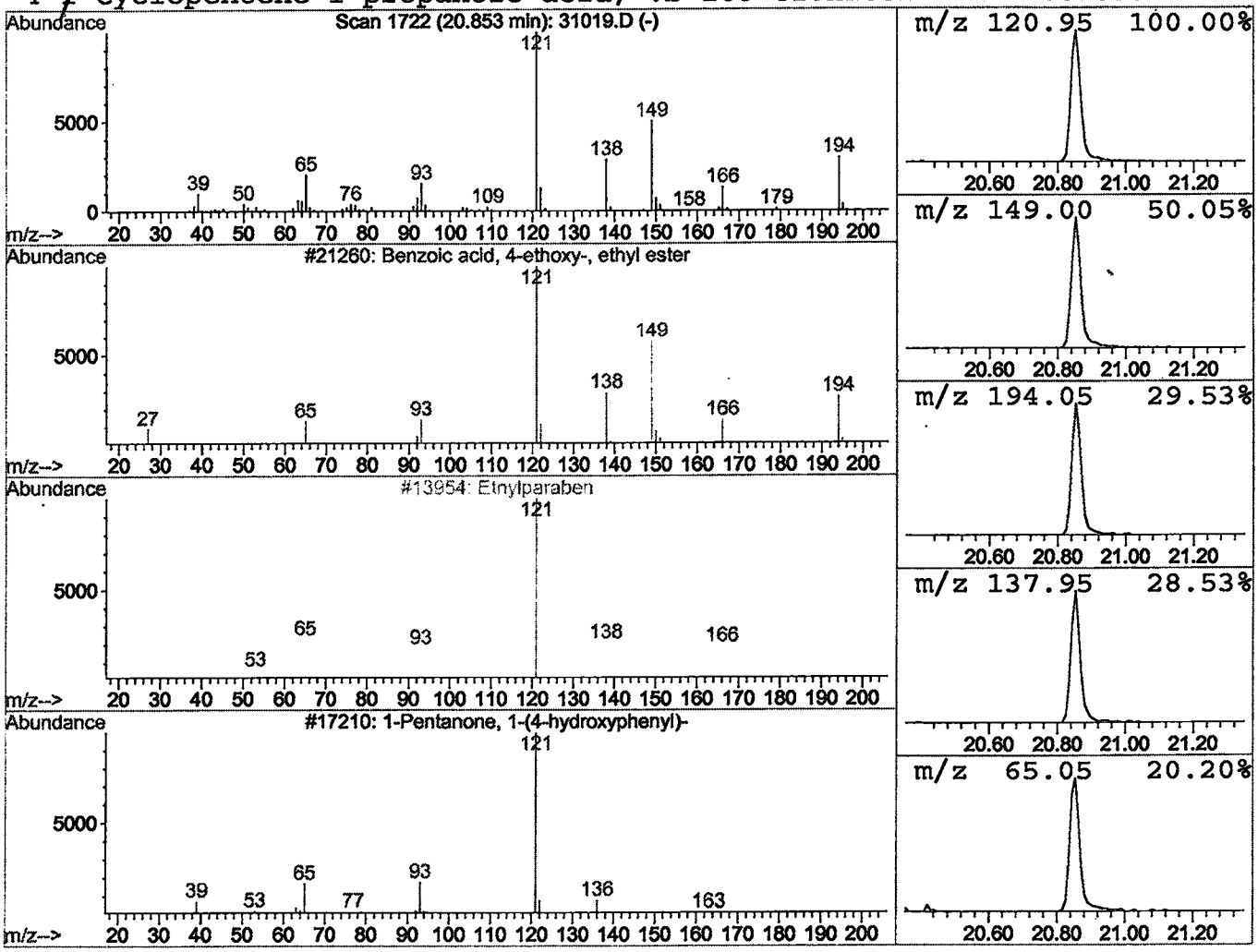
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	1.51 ug/l	573489	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	Ethylparaben	166	C9H10O3	000120-47-8	53
3	1-Pentanone, 1-(4-hydroxyphenyl)-	178	C11H14O2	002589-71-1	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\31019.D Vial: 24
Acq On : 9 Jan 2002 12:45 pm Operator: 209 GALOS
Sample : gcms scan 12/20a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

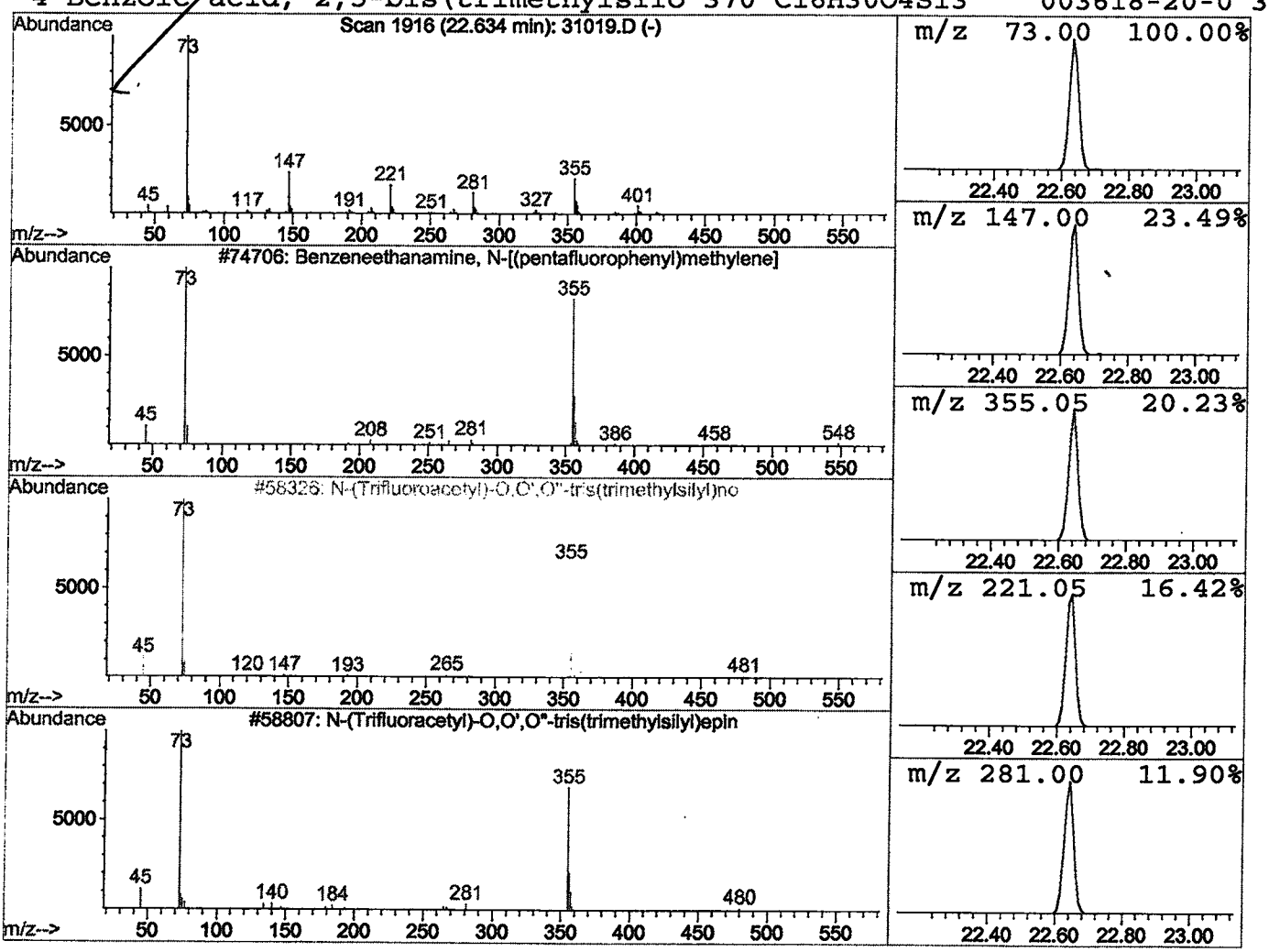
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	1.04 ug/l	393076	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-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
3	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	37



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

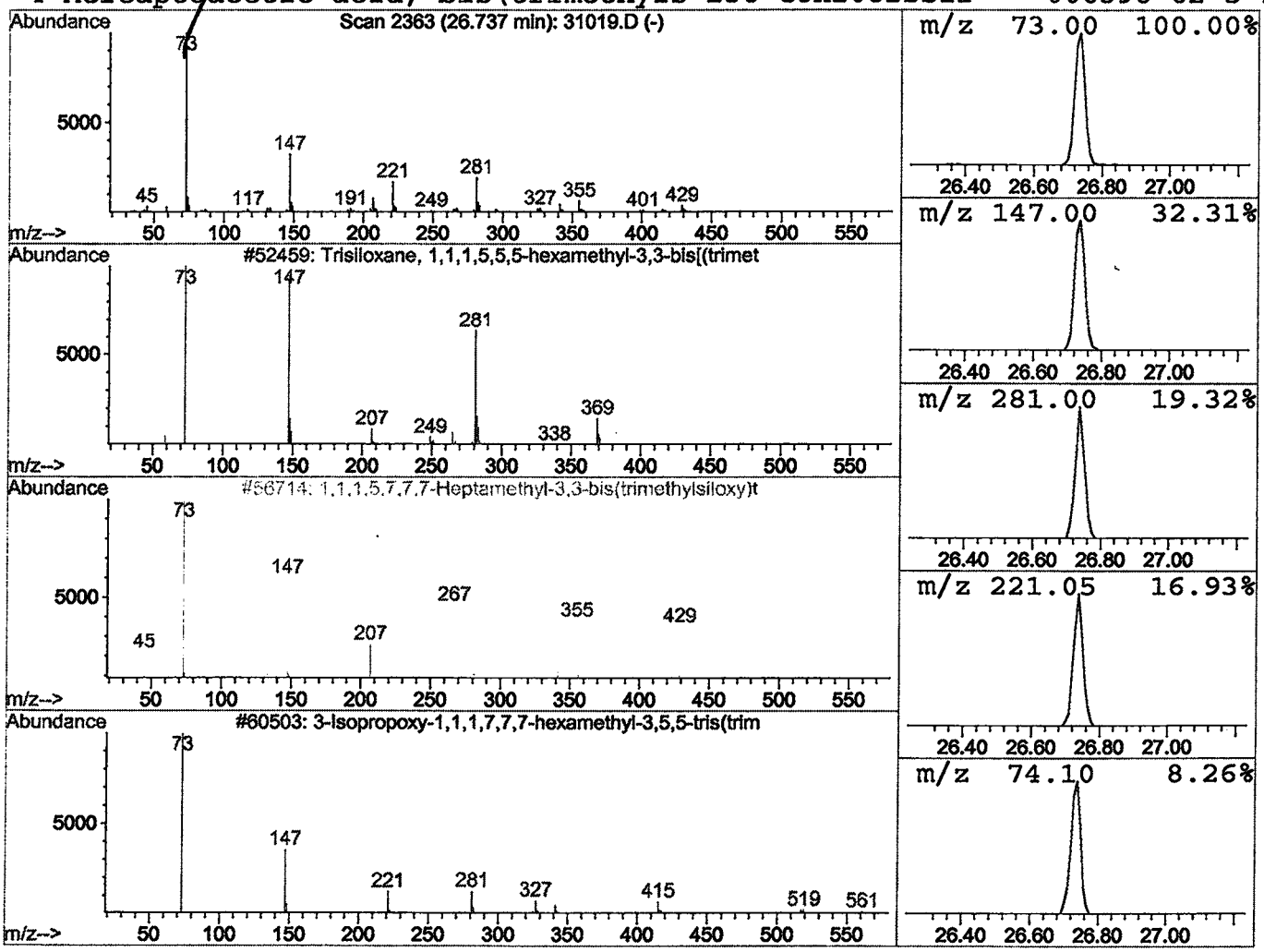
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	0.43 ug/l	162562	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	45
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	27
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	16
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	10



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\JAN0802\31019.D
Acq On : 9 Jan 2002 12:45 pm
Sample : gcms scan 12/20a
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

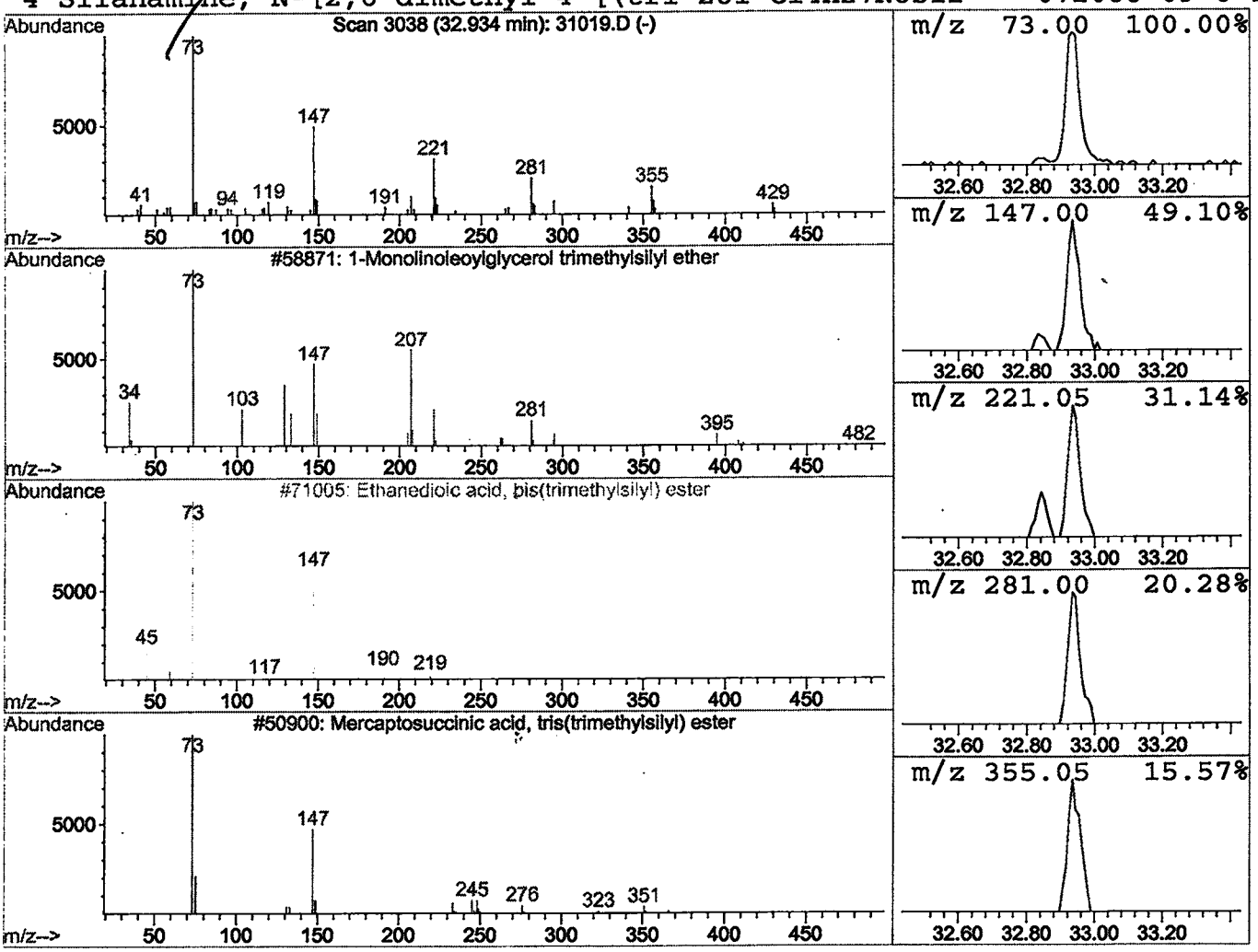
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 1-Monolinoleoylglycerol trimet Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.93	0.57 ug/l	148199	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	50
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	27
3	Mercaptosuccinic acid, tris(trimeth	366	C13H30O4SSi3	000000-00-0	16
4	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Jan 2002 12:45 pm
Data File: M:\INSTRU~1\209\DATA\JAN0802\31019.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
N-Ethylformamide	7.47	3.5	ug/l	1003170	ISTD01	11.53	5793570	20.0
Cyclopentasiloxane,	14.17	1.4	ug/l	503754	ISTD02	15.12	7207510	20.0
Cyclohexasiloxane, d	17.31	2.5	ug/l	889180	ISTD02	15.12	7207510	20.0
Trisiloxane, 1,1,1,5	20.13	1.7	ug/l	645088	ISTD03	20.39	7613050	20.0
Benzoic acid, 4-etho	20.85	1.5	ug/l	573489	ISTD03	20.39	7613050	20.0
Benzeneethanamine, N	22.63	1.0	ug/l	393076	ISTD04	24.81	7569250	20.0
Trisiloxane, 1,1,1,5	26.74	0.4	ug/l	162562	ISTD04	24.81	7569250	20.0
1-Monolinoleoylglyce	32.93	0.6	ug/l	148199	ISTD05	32.84	5158200	20.0

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Column