User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 16:07:09

Sample: AD28335
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 09:59 Ended: 1/9/02 09:59 **Analyst:** MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AD28335 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 16:09:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample is the Field Blank.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0802\28335A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 9:04 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	1044582	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	4113468	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	2025213	20.00	ug/l	0.00
29) Phenanthrene-d10	24.81	188	2881657	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1898874	20.00	ug/l	0.00
44) Perylene-d12	36.91	264	1135051	20.00	ug/l	0.01
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	137576	4.16	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 83.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.24	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.	d	
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	13.02	77	227	N.D.		
12) Isophorone	14.16	82	284	N.D.		
13) bis(2-Chloroethoxy)methane	14.18	93	301	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.18	128	1478	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.20	162	3446	N.D.		
20) Dimethylphthalate	20.13	163	4978	N.D.		
21) 2,6-Dinitrotoluene	19.97	165	306	N.D.		
22) Acenaphthylene	20.06	152	1520	N.D.		
23) Acenaphthene	20.83	153	285	N.D.		
24) 2,4-Dinitrotoluene	21.01	165	212	N.D.		
25) Diethylphthalate	21.91	149	932	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\28335A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 9:04 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

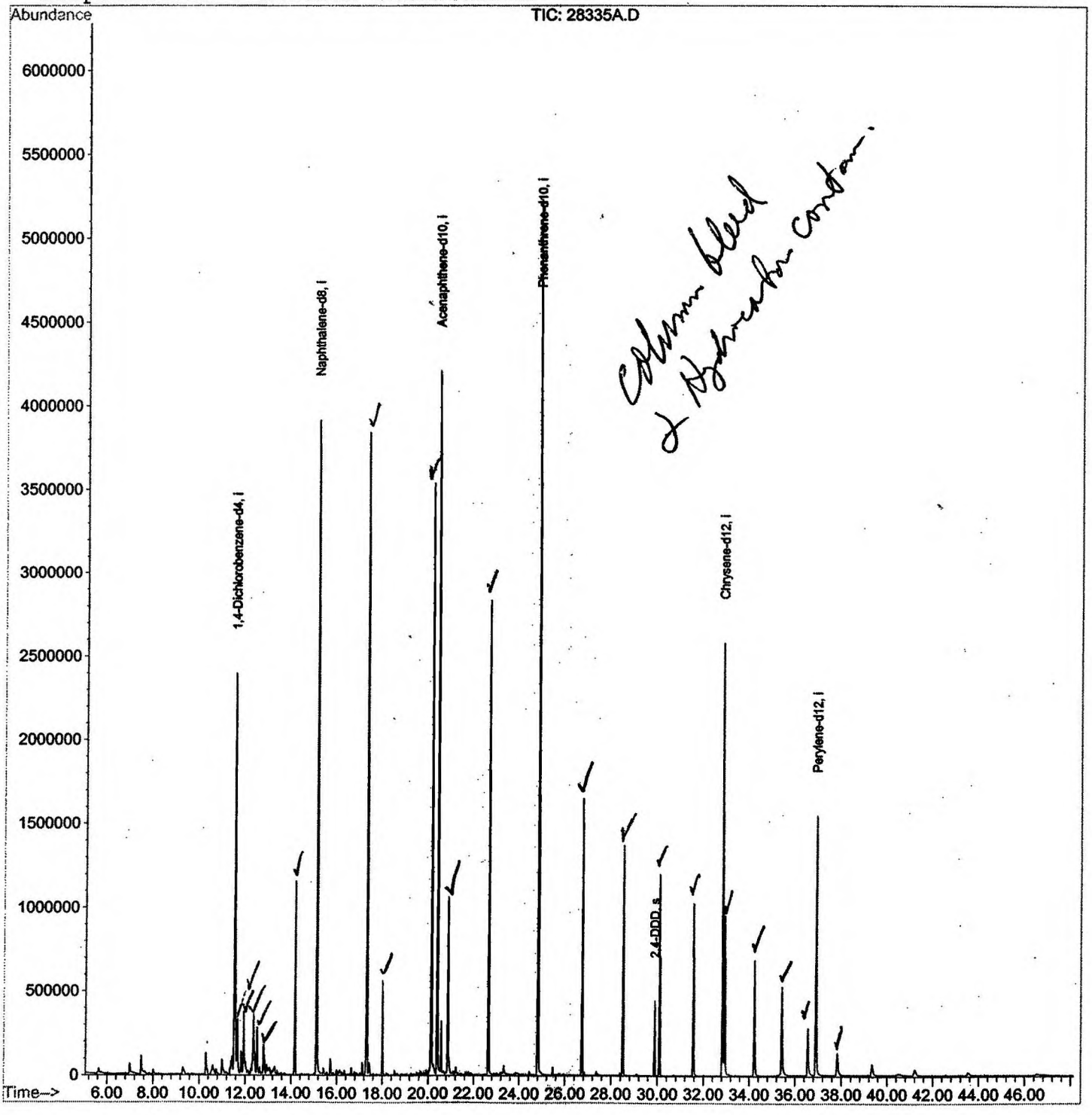
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.81	178	2038	N.D.	
34)	Anthracene	24.81	178	2038	N.D.	
35)	Di-n-butylphthalate	26.83	149	19465	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	d
41)	Benzo(a)anthracene	32.84	228	4402	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	3127	N.D.	
43)	Chrysene	32.84	228	4402	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	36.91	252	4506	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\28335A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 9 9:04 2002 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

335

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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	6.988	208	212	220	rBV	61179	156952	1.31%	0.153%
2	7.483	262	266	280	rBV	108214	329703	2.75%	0.322%
3	9.301	459	464	480	rVB	40314	188167	1.57%	0.184%
4	10.292	566	572	585	rBV	127791	398697	3.32%	0.389%
5	10.999	641	649	654	rBV	88395	244231	2.04%	0.238%
6	11.394	689	692	694	rVV	72038	148322	1.24%	0.145%
7	11.440	694	697	702	rVV3	92239	222940	1.86%	0.218%
8	11.523	702	706	717	rVV	2369864	6402748	53.40%	6.252%
9	11.660	717	721	733	rVB	319748	849848	7.09%	0.830%
10	11.826	733	739	746	rBV	128945	308896	2.58%	0.302%
11	11.936	746	751	757	rBV	359601	898074	7.49%	0.877%
12	12.009	757	759	768	rVB3	67321	183058	1.53%	0.179%
13	12.358	788	797	802	rBV	338377	1031543	8.60%	1.007%
14	12.514	809	814	824	rVV	272043	647703	5.40%	0.632%
15	12.799	840	845	855	rBV4	173789	605225	5.05%	0.591%
16	12.936	855	860	865	rBV2	52655	128248	1.07%	0.125%
17	14.167	989	994	1001	rVB	1154156	2320990	19.36%	2.266%
18	15.121	1093	1098	1111	rBV	3913681	8396016	70.02%	8.199%
19	15.727	1158	1164	1174	rBV	96484	233176	1.94%	0.228%
20	17.123	1311	1316	1321	rBV	73529	137957	1.15%	0.135%
21	17.315	1327	1337	1345	rBV	3840156	8788240	73.29%	8.582%
22	17.426	1345	1349	1359	rVB3	72296	228198	1.90%	0.223%
23	18.004	1406	1412	1417	rBV	561533	1029008	8.58%	1.005%
24	20.134	1638	1644	1651	rVV	3516960	8084841	67.42%	7.895%
25	20.391	1666	1672	1688	rBV	4203636	8897820	74.20%	8.689%
26	20.574	1688	1692	1697	rVB	307734	549797	4.59%	0.537%
27	20.850	1716	1722	1726	rBV	1053366	2003266	16.71%	1.956%
28	20.905	1726	1728	1740	rVB3	82760	227319	1.90%	0.222%

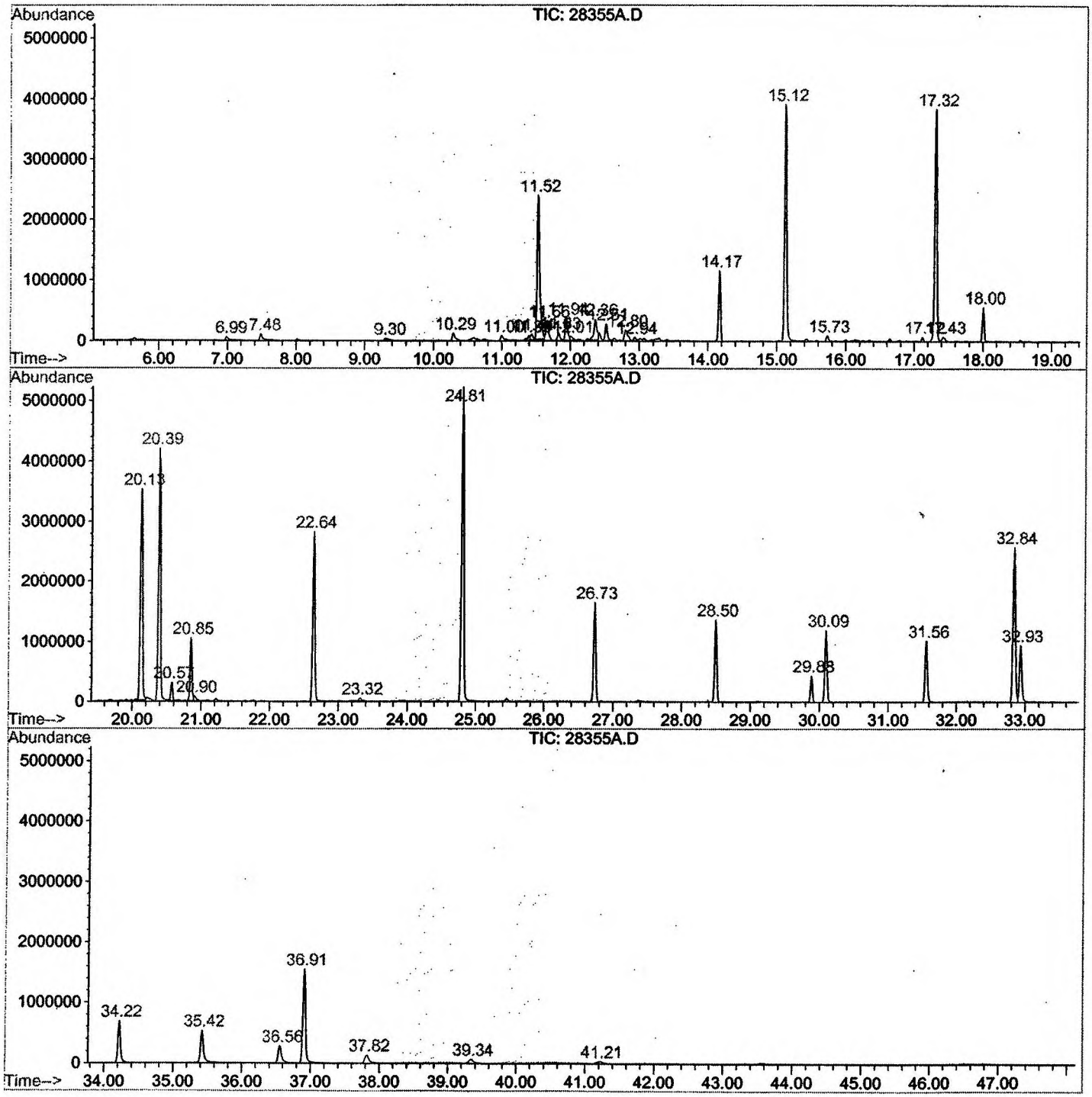
29	22.640	1910	1917	1939	rBV	2832572	6184825	51.58%	6.039%
30	23.319	1985	1991	1995	rBV2	48985	122262	1.02%	0.119%
31	24.807	2146	2153	2166	rBV2	5230193	11990897	100.00%	11.709%
32	26.734	2355	2363	2369	rBV	1651071	3482376	29.04%	3.400%
33	28.497	2549	2555	2564	rBV	1370467	2950558	24.61%	2.881%
34	29.883	2701	2706	2720	rBV	443172	867525	7.23%	0.847%
35	30.094	2722	2729	2741	rVV	1201495	2674231	22.30%	2.611%
36	31.563	2882	2889	2903	rBV	1028471	2419906	20.18%	2.363%
37	32.839	3021	3028	3034	rBV2	2585021	6019114	50.20%	5.878%
38	32.931	3034	3038	3056	rVB	953357	2345282	19.56%	2.290%
39	34.216	3170	3178	3194	rBV	689004	1877256	15.66%	1.833%
40	35.419	3296	3309	3327	rBV	524537	1625807	13.56%	1.588%
41	36.557	3426	3433	3449	rBV	279429	969055	8.08%	0.946%
42	36.906	3463	3471	3491	rBV2	1545718	4120089	34.36%	4.023%
43	37.824	3563	3571	3588	rBV2	132463	567394	4.73%	0.554%
44	39.339	3727	3736	3754	rBV2	64529	322483	2.69%	0.315%
45	41.212	3929	3940	3954	rBV3	35290	228076	1.90%	0.223%

Sum of corrected areas: 102408119

28355A.D GCMS1126.M Wed Jan 09 09:08:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Operator : 209 GALOS
Acquired : 8 Jan 2002 6:13 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name:
Misc Info :
Vial Number: 4
Quant File :GCMS0103.RES (RTE Integrator)



28355A.D GCMS1126.M Wed Jan 09 09:08:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

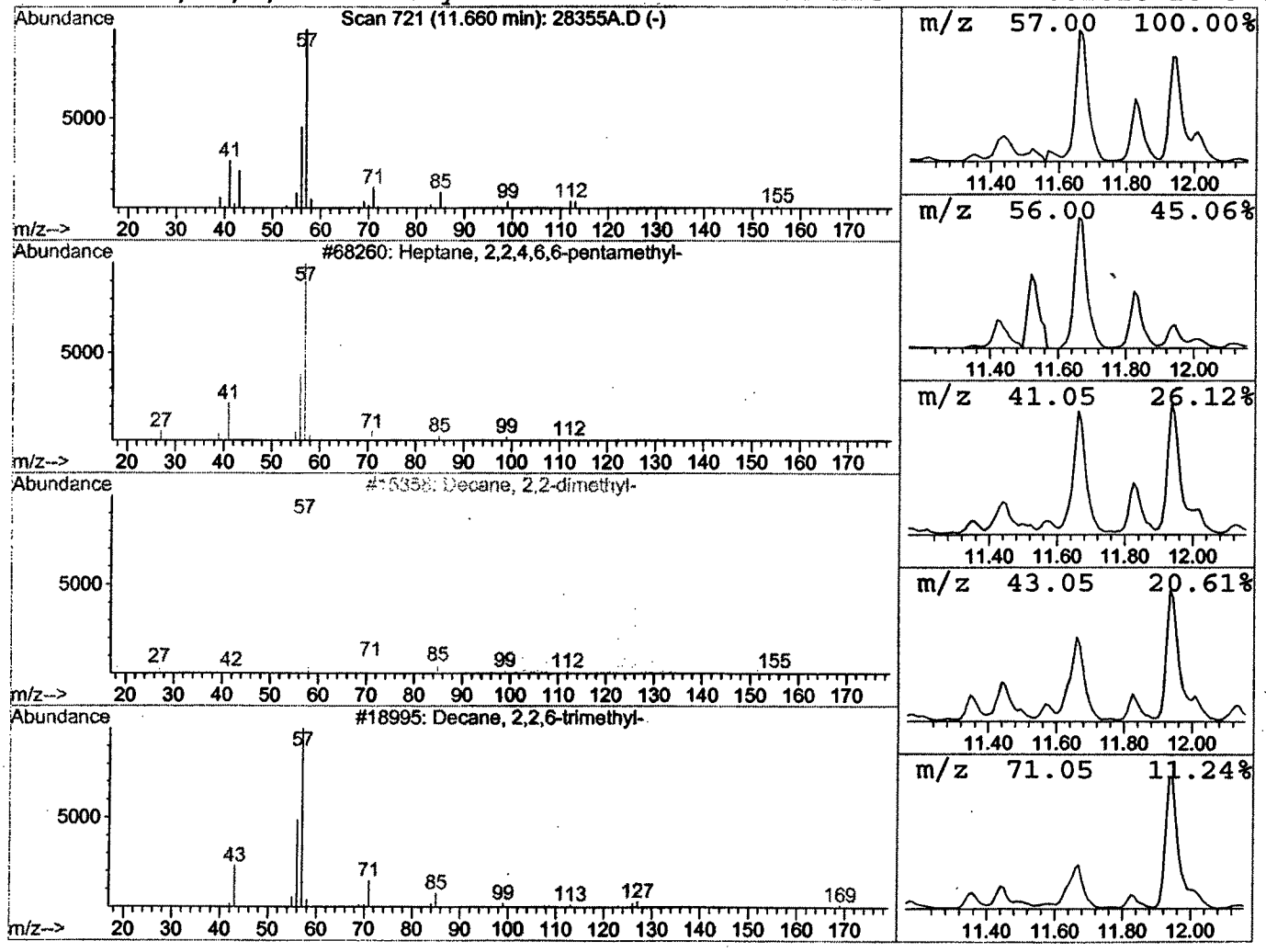
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Heptane, 2,2,4,6,6-pentamethyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.65 ug/l	849848	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	83
2	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
3	Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	72
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

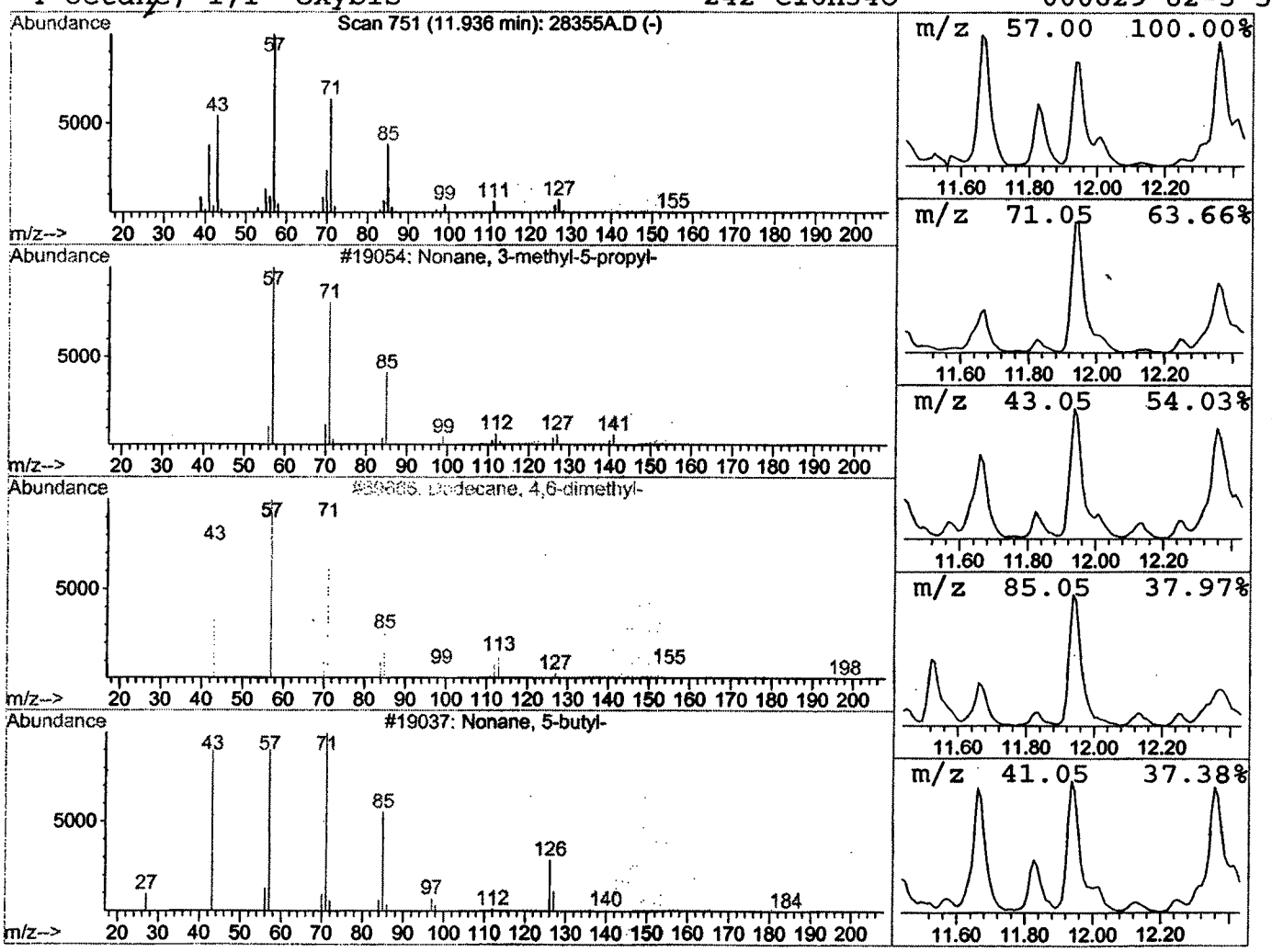
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Nonane, 3-methyl-5-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.81 ug/l	898074	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	78
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	53
4	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

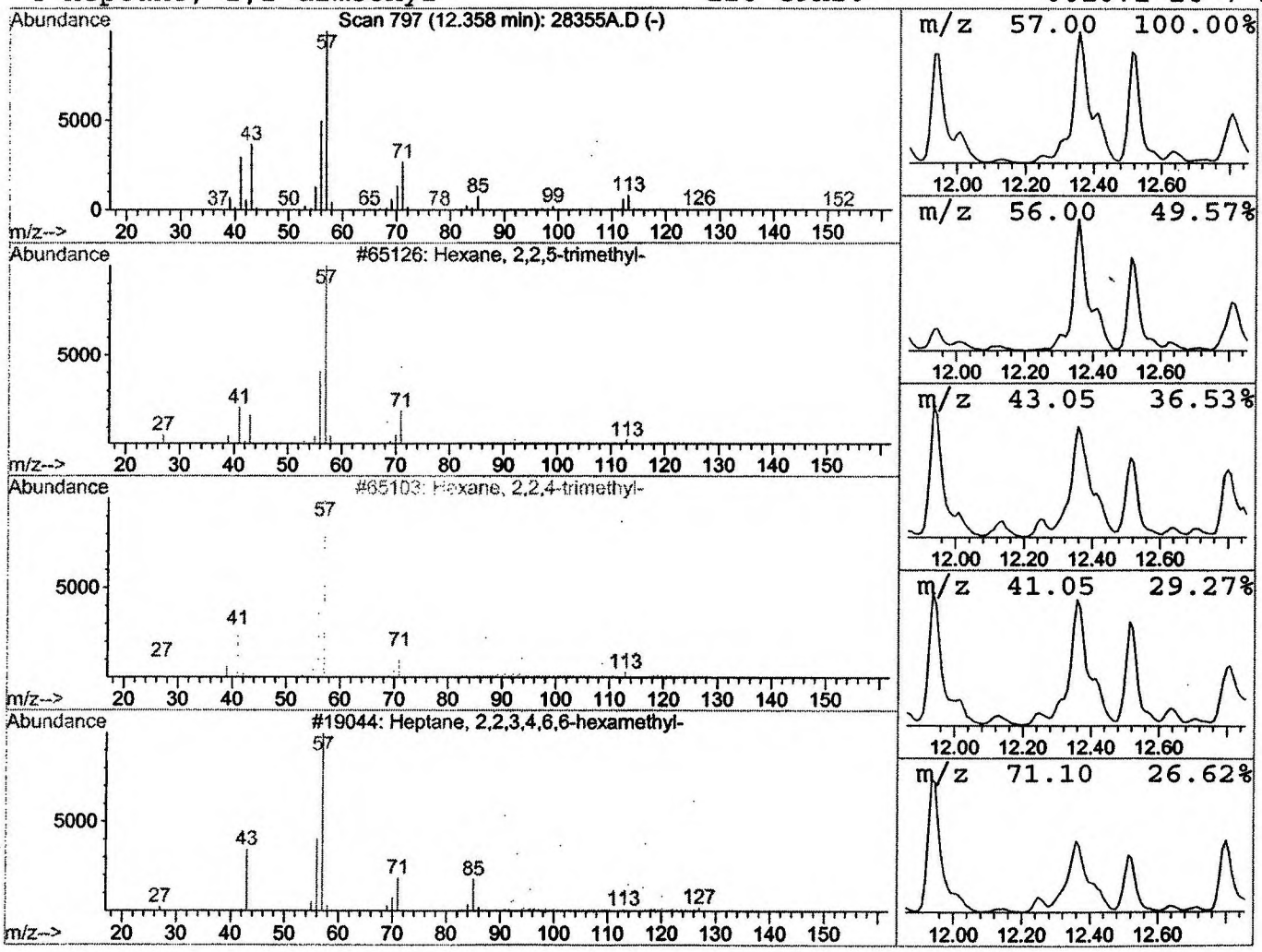
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane, 2,2,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.22 ug/l	1031540	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
3	Heptane, 2,2,3,4,6,6-hexamethyl-	184	C13H28	062108-32-1	50
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

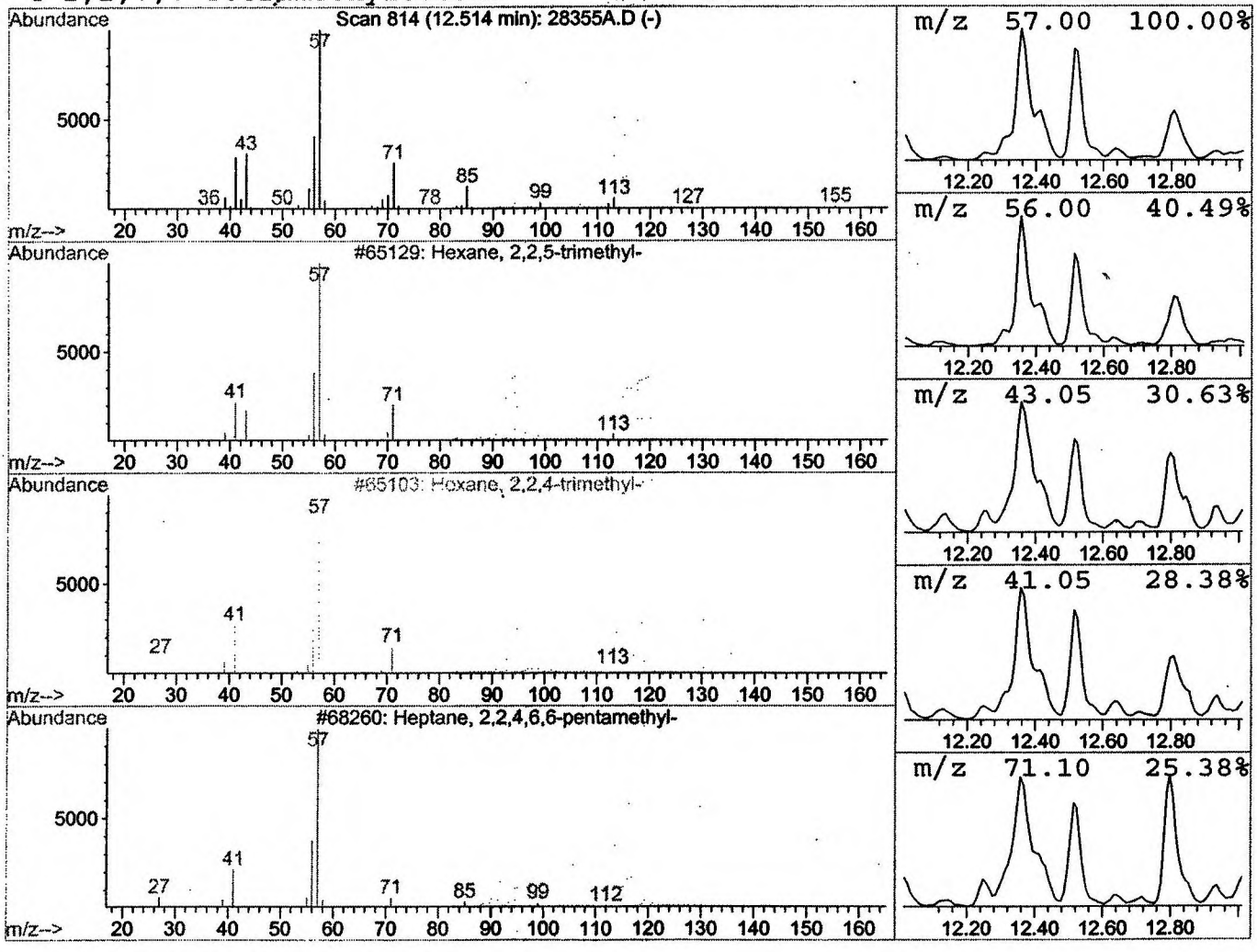
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Hexane, 2,2,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	2.02 ug/l	647703	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	64
2	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	53
3	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
4	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

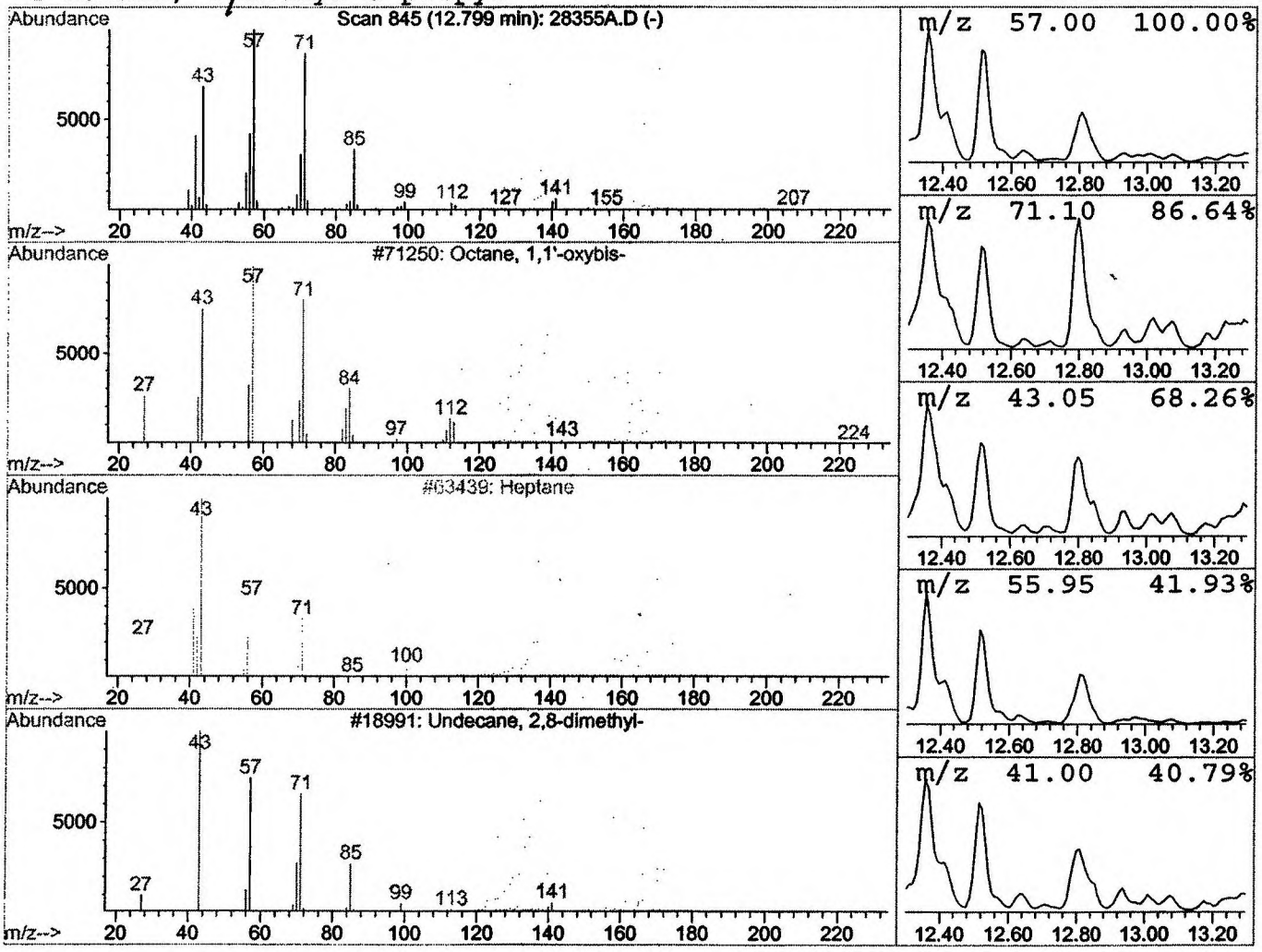
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Octane, 1,1'-oxybis- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	1.89 ug/l	605225	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
2	Heptane	100	C7H16	000142-82-5	64
3	Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	64
4	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

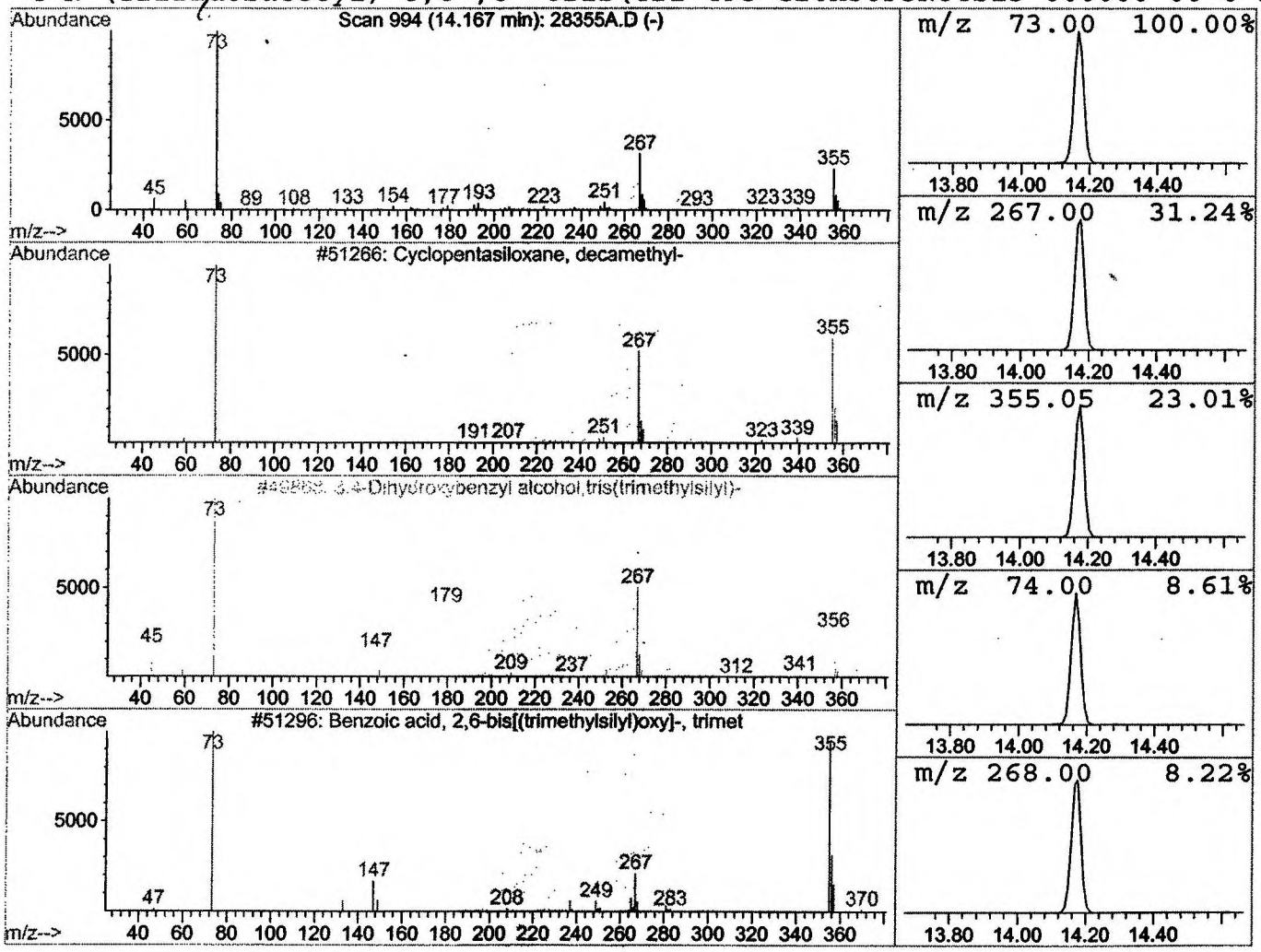
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclopentasiloxane, decamethyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	5.53 ug/l	2320990	Naphthalene-d8	15.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	43
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

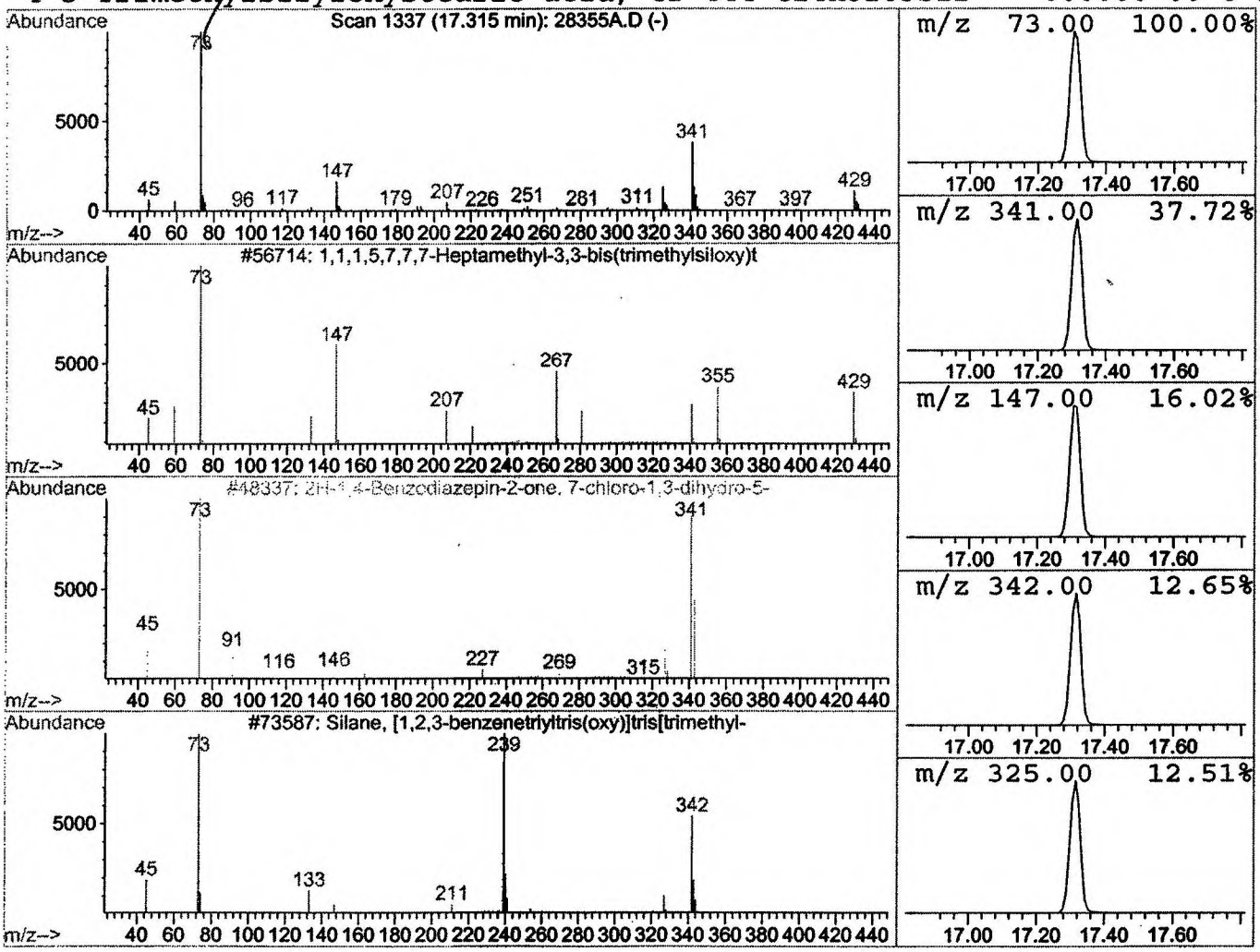
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.32	20.93 ug/l	8788240	Naphthalene-d8	15.12

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	12
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

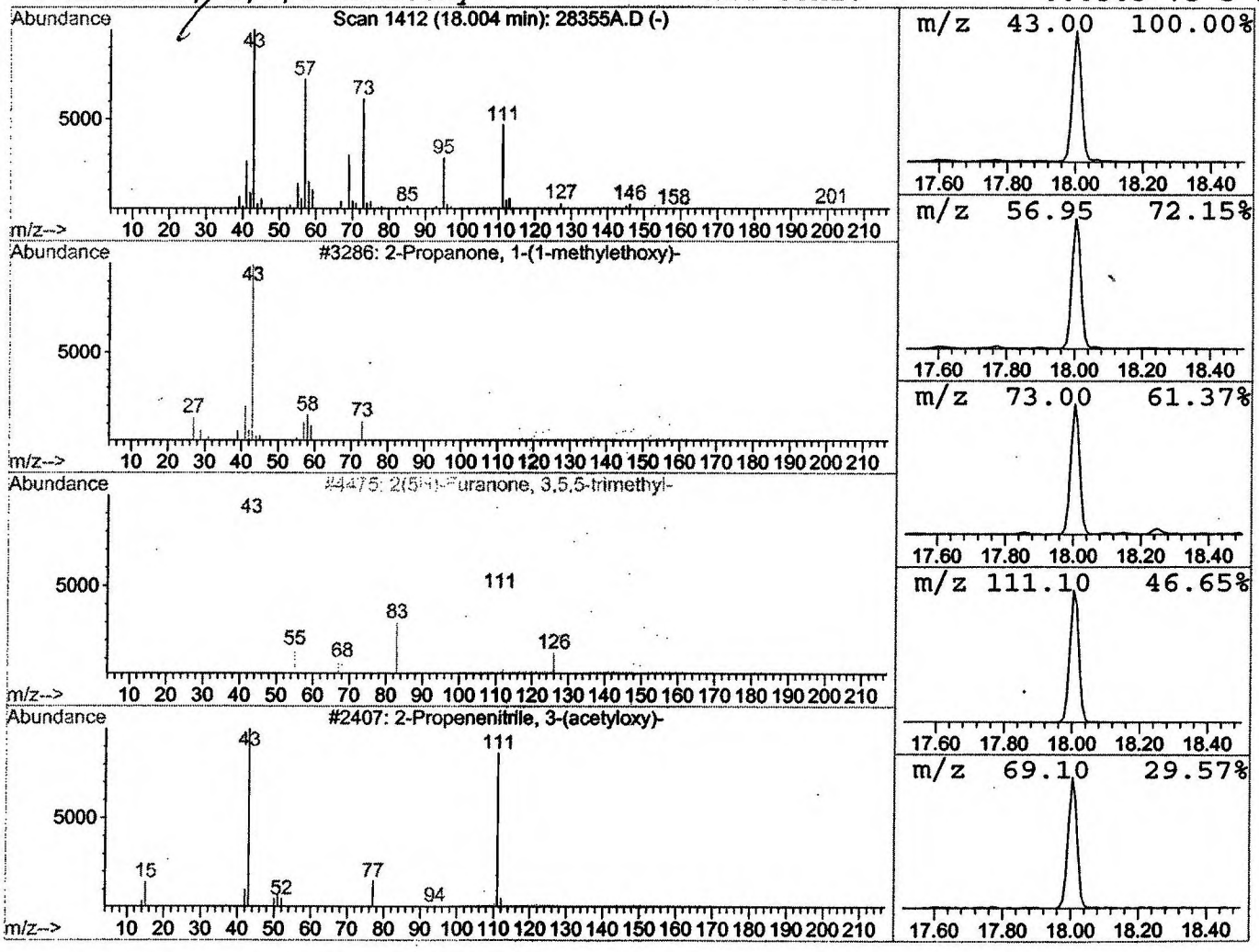
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 2-Propanone, 1-(1-methylethoxy Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.31 ug/l	1029010	Acenaphthene-d10	20.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	25
2	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	23
3	2-Propenenitrile, 3-(acetyloxy)-	111	C5H5NO2	014268-54-3	12
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

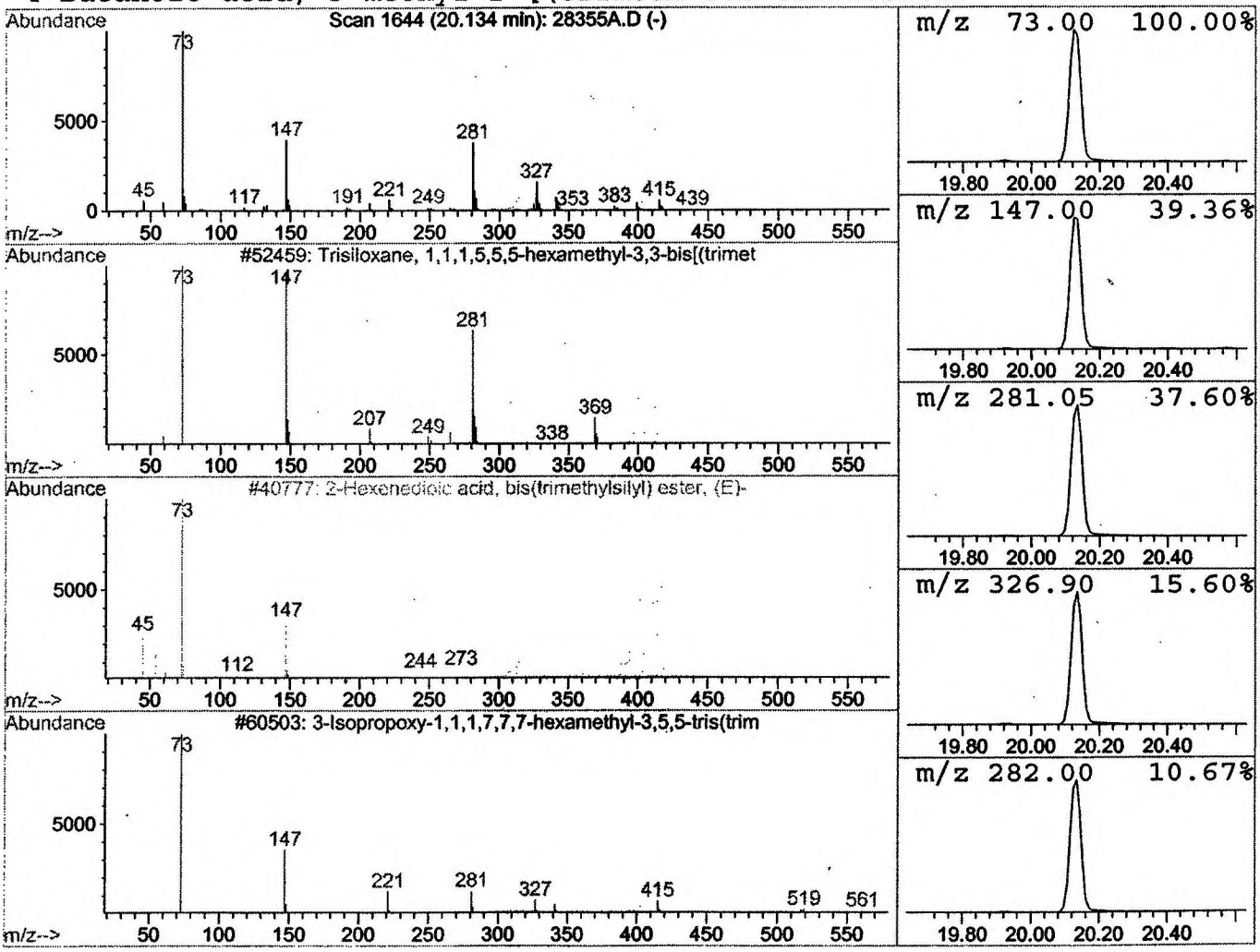
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.13	18.17 ug/l	8084840	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	45
2	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	32
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	32
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

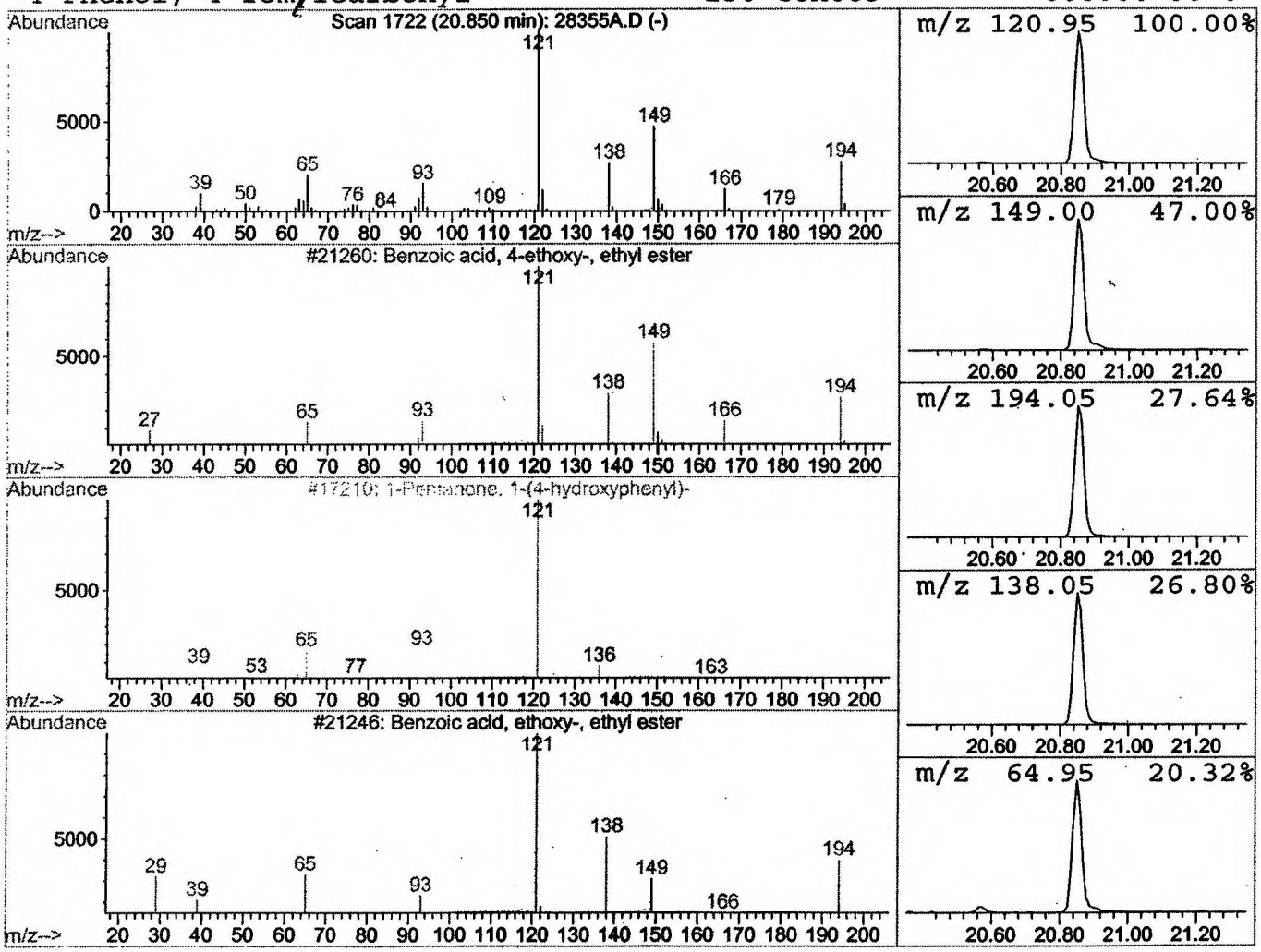
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 10 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.50 ug/l	2003270	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	96
2	1-Pentanone, 1-(4-hydroxyphenyl)-	178	C11H14O2	002589-71-1	43
3	Benzoic acid, ethoxy-, ethyl ester	194	C11H14O3	075333-22-1	43
4	Phenol, 4-formylcarbonyl-	150	C8H6O3	000000-00-0	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

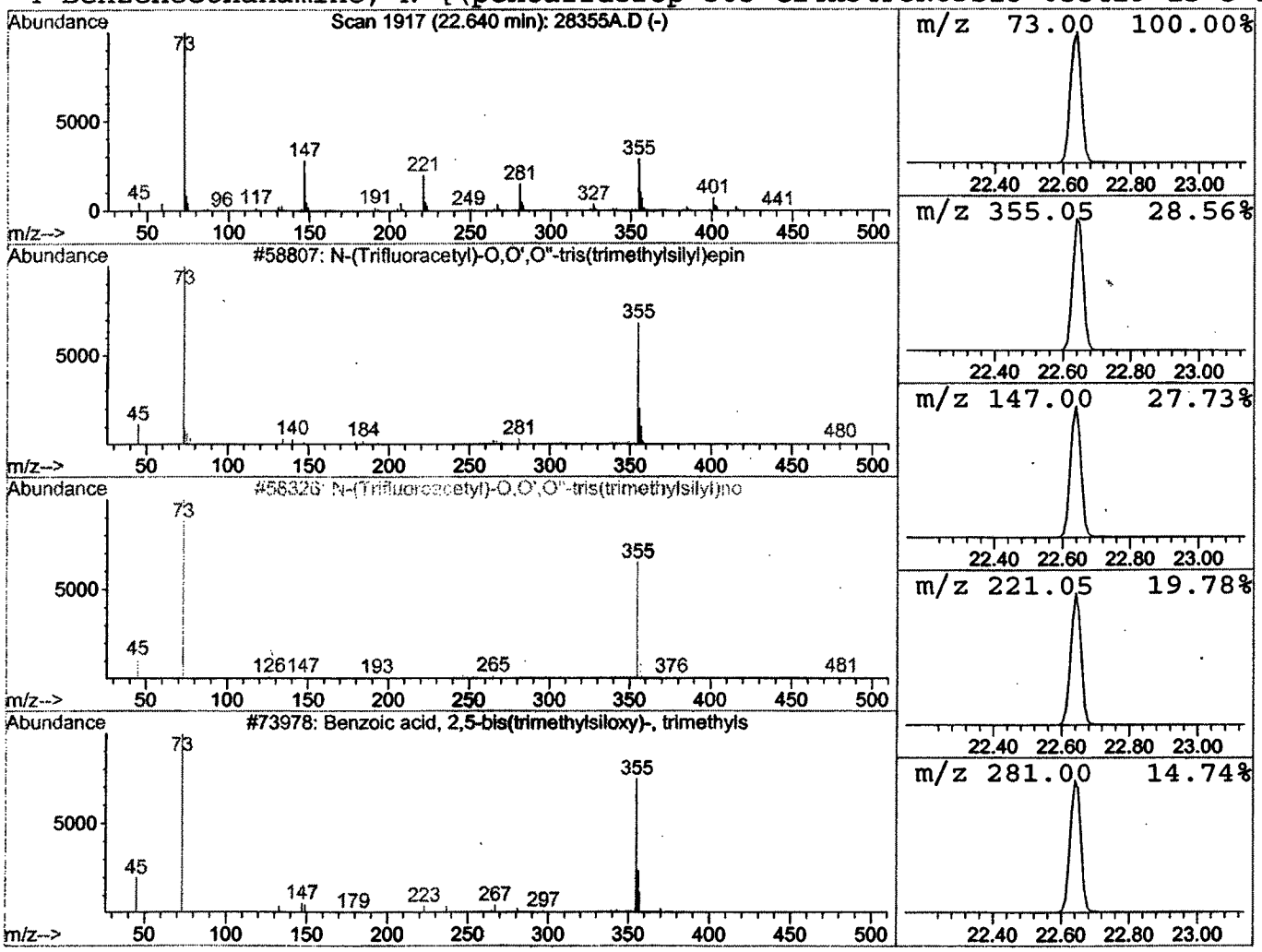
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 11 N-(Trifluoracetyl)-O,O',O"-tri Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	10.32 ug/l	6184830	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	35
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	35
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	25
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

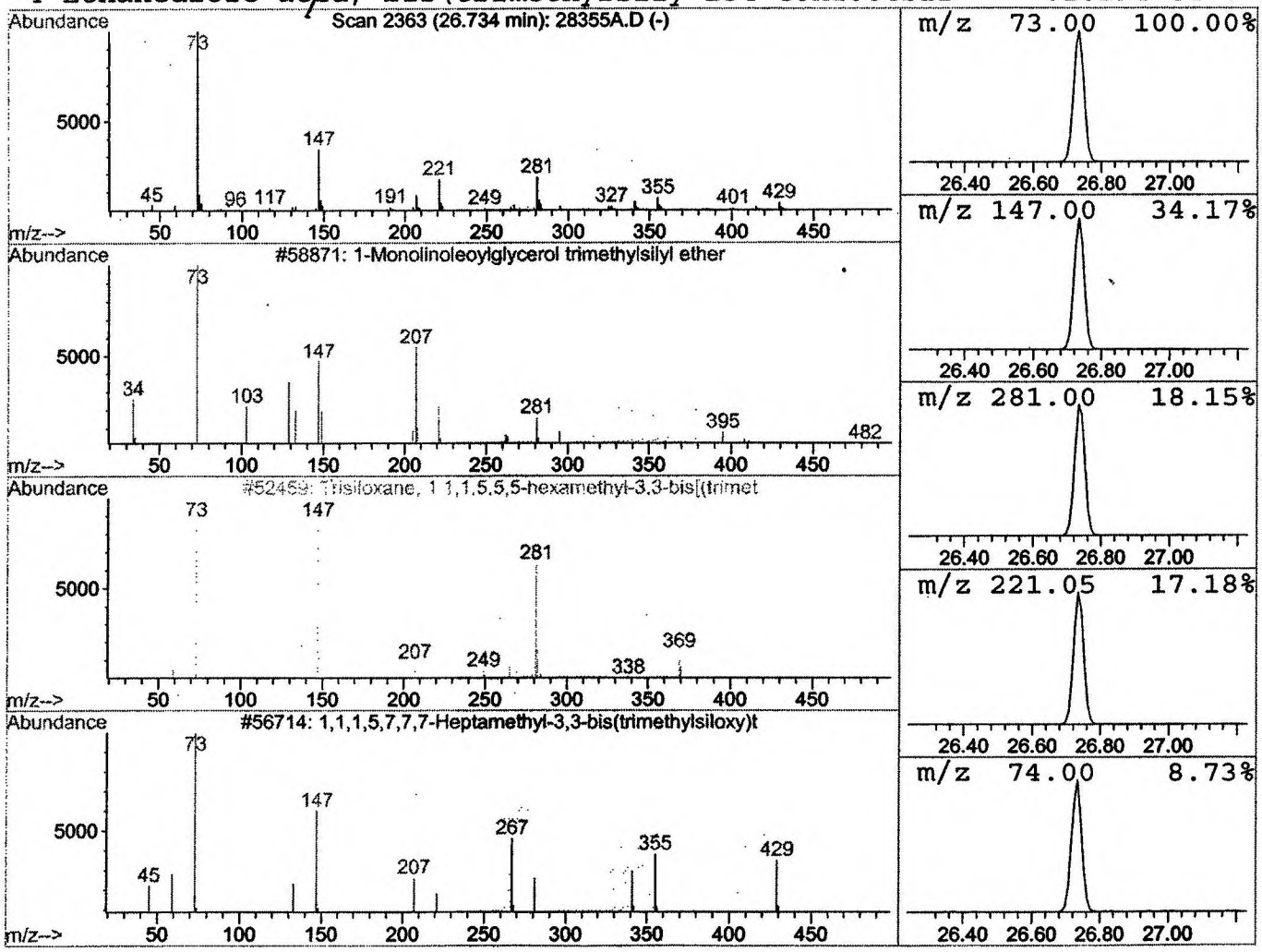
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 12 1-Monolinoleoylglycerol trimet Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.73	5.81 ug/l	3482380	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	36
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	35
4	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

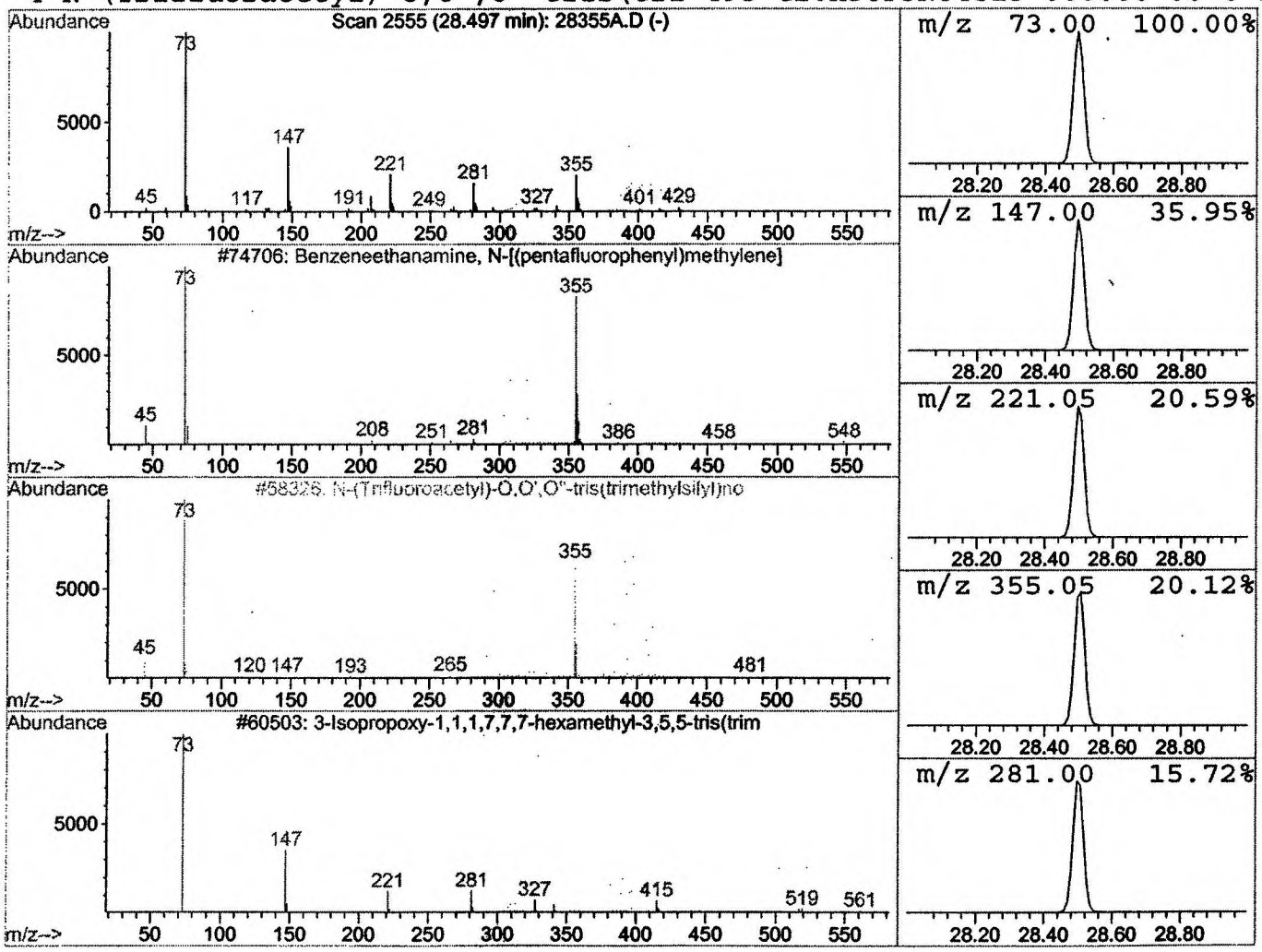
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 13 Benzeneethanamine, N-[(pentafl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.50	4.92 ug/l	2950560	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25
2	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	25
3	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D
Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

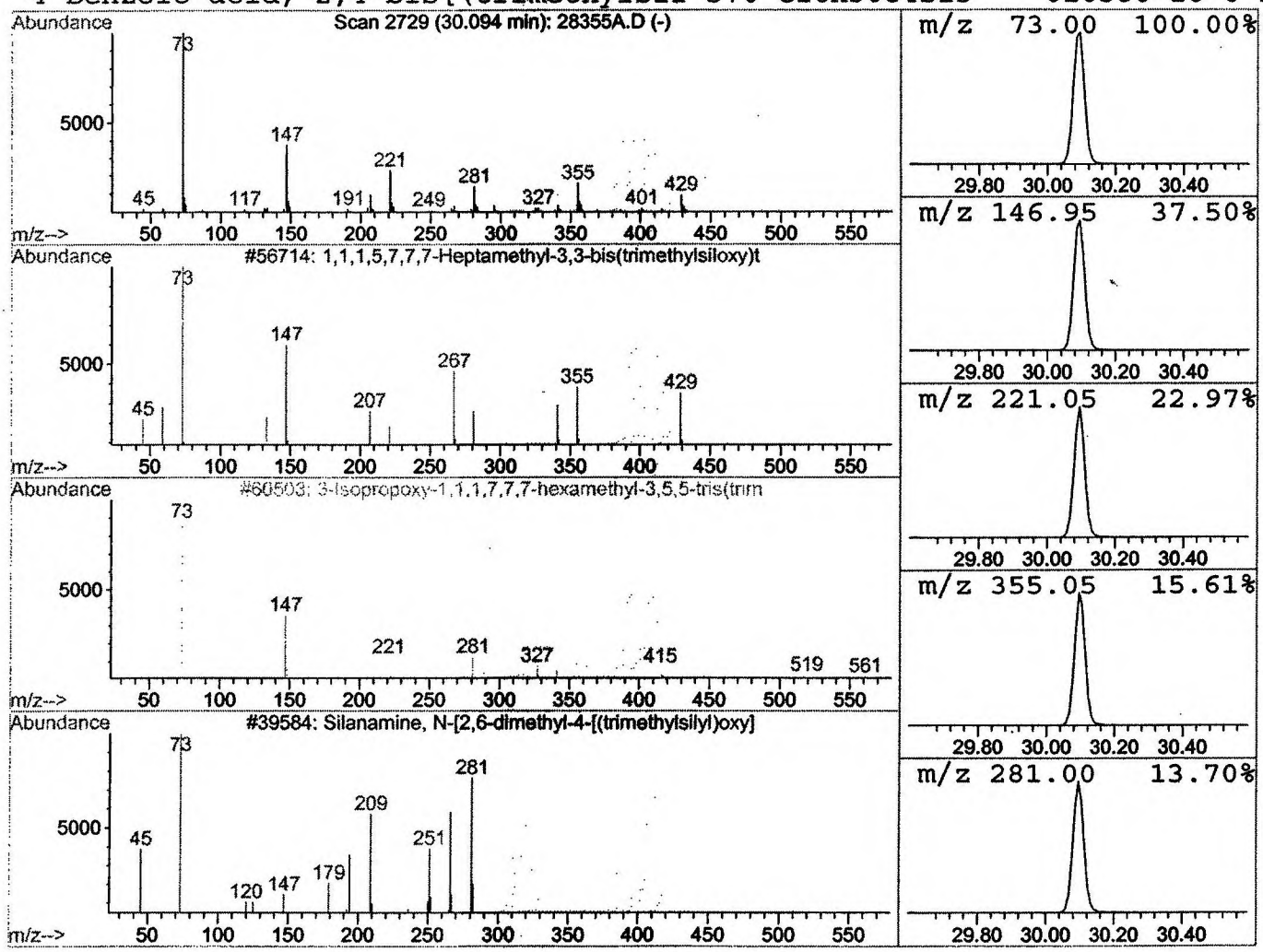
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3,3- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.09	8.89 ug/l	2674230	Chrysene-d12	32.84

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	36
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	23
3	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	22
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	22



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

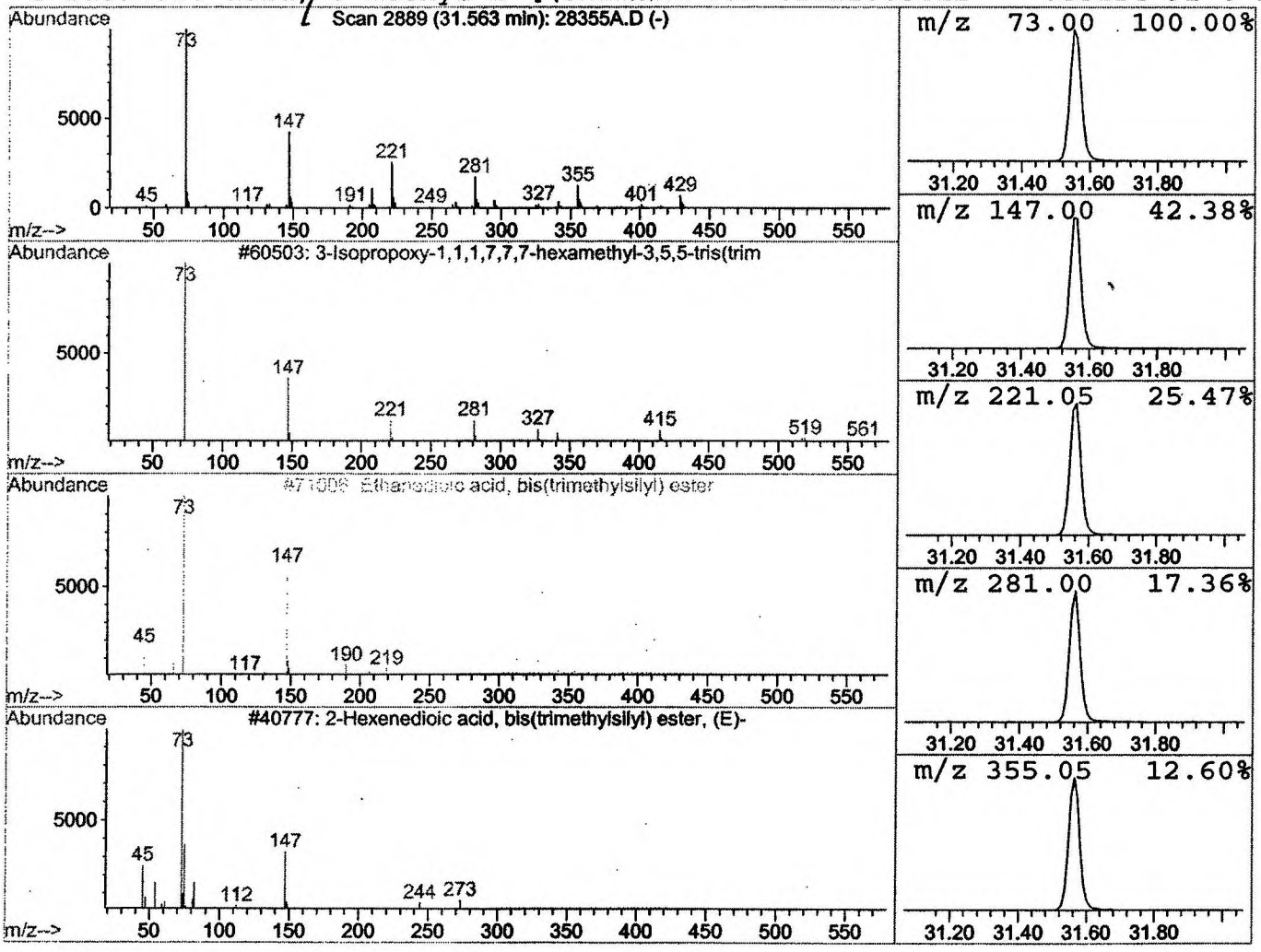
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 15 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.56	8.04 ug/l	2419910	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	42
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
3	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	23
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



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Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

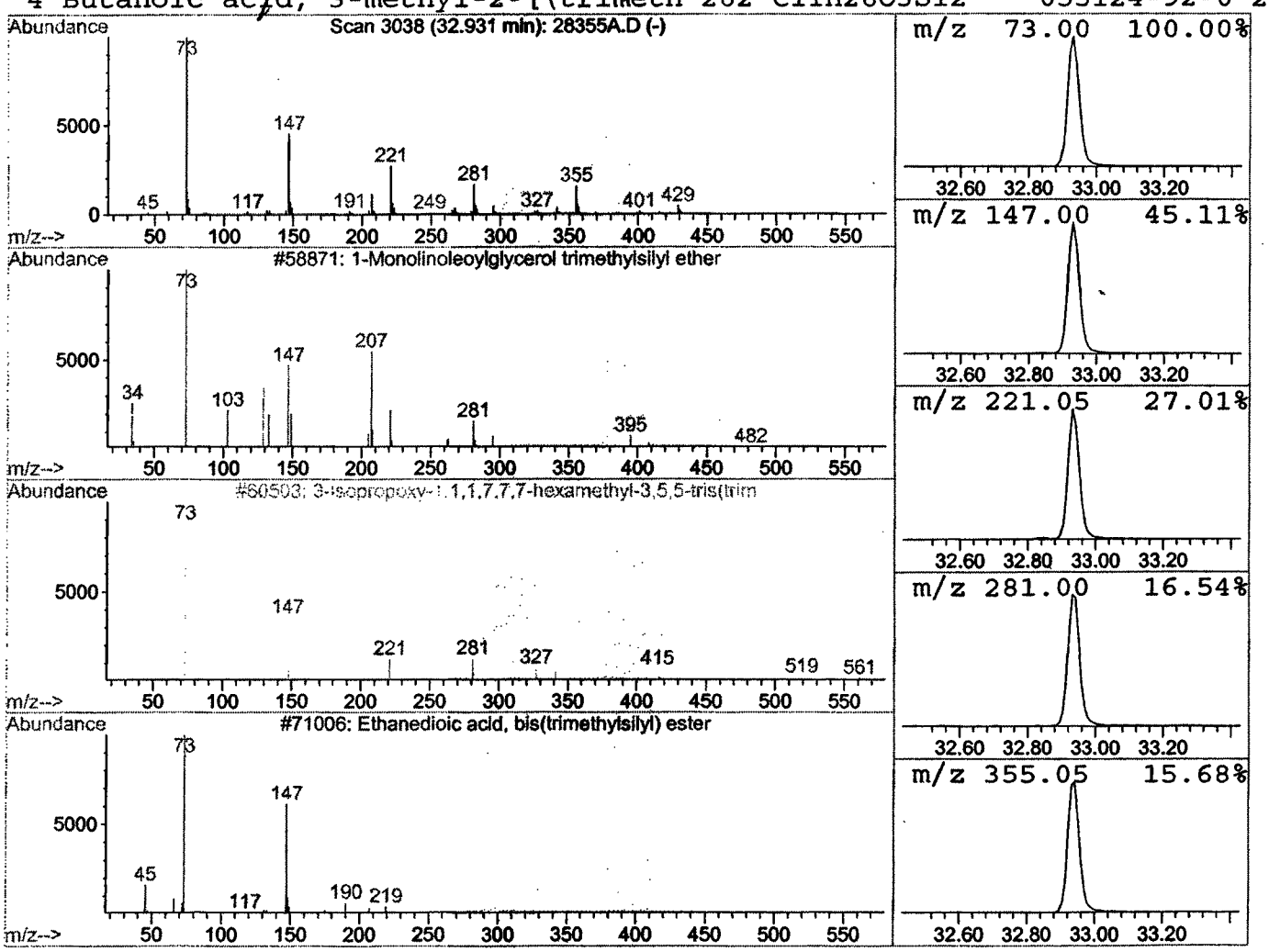
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 16 1-Monolinoleoylglycerol trimet Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.93	7.79 ug/l	2345280	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



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Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
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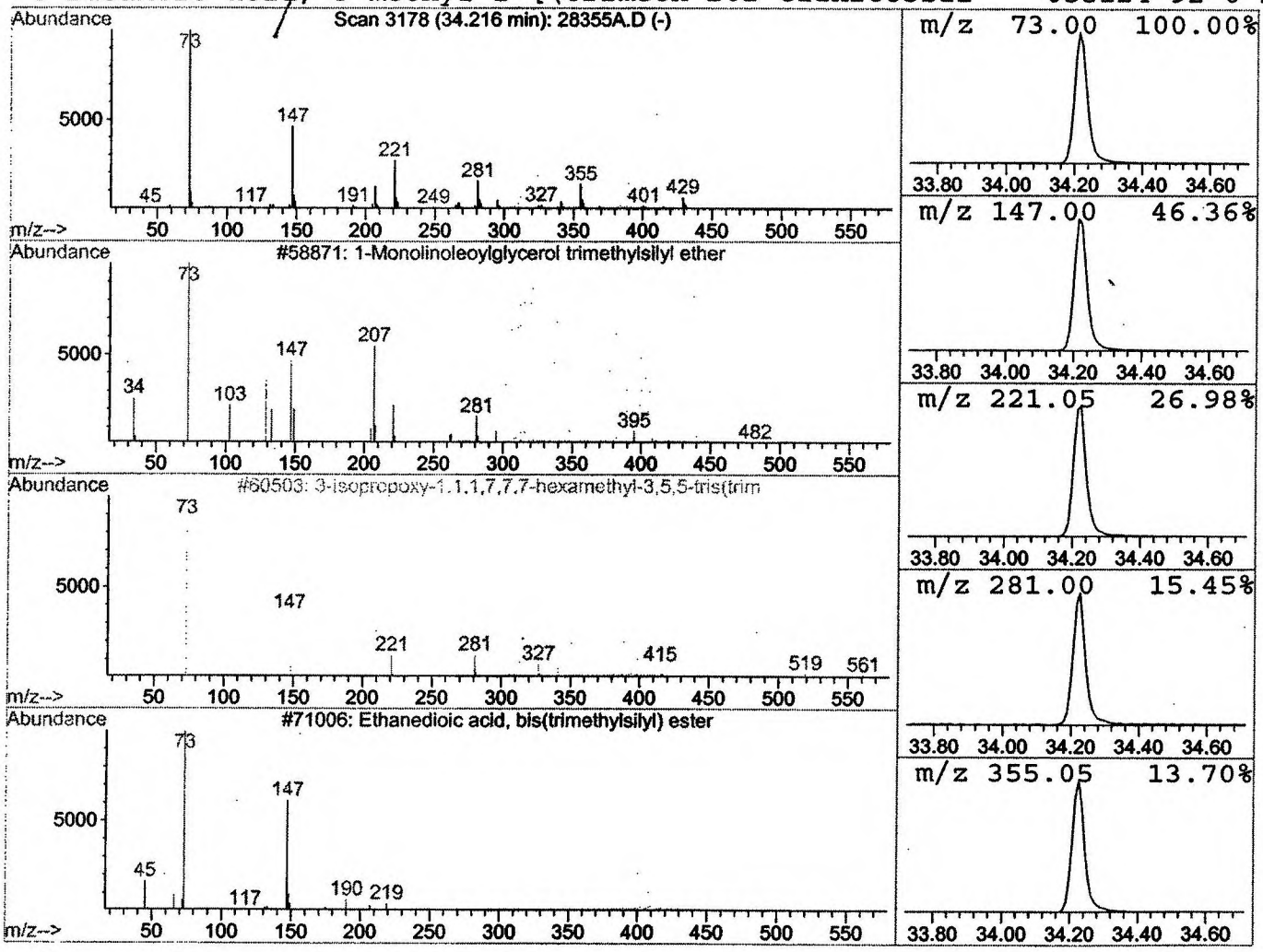
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 17 1-Monolinoleoylglycerol trimet Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.22	6.24 ug/l	1877260	Chrysene-d12	32.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	45
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	40
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	23



Library Search Compound Report

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Acq On : 8 Jan 2002 6:13 pm
Sample :
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

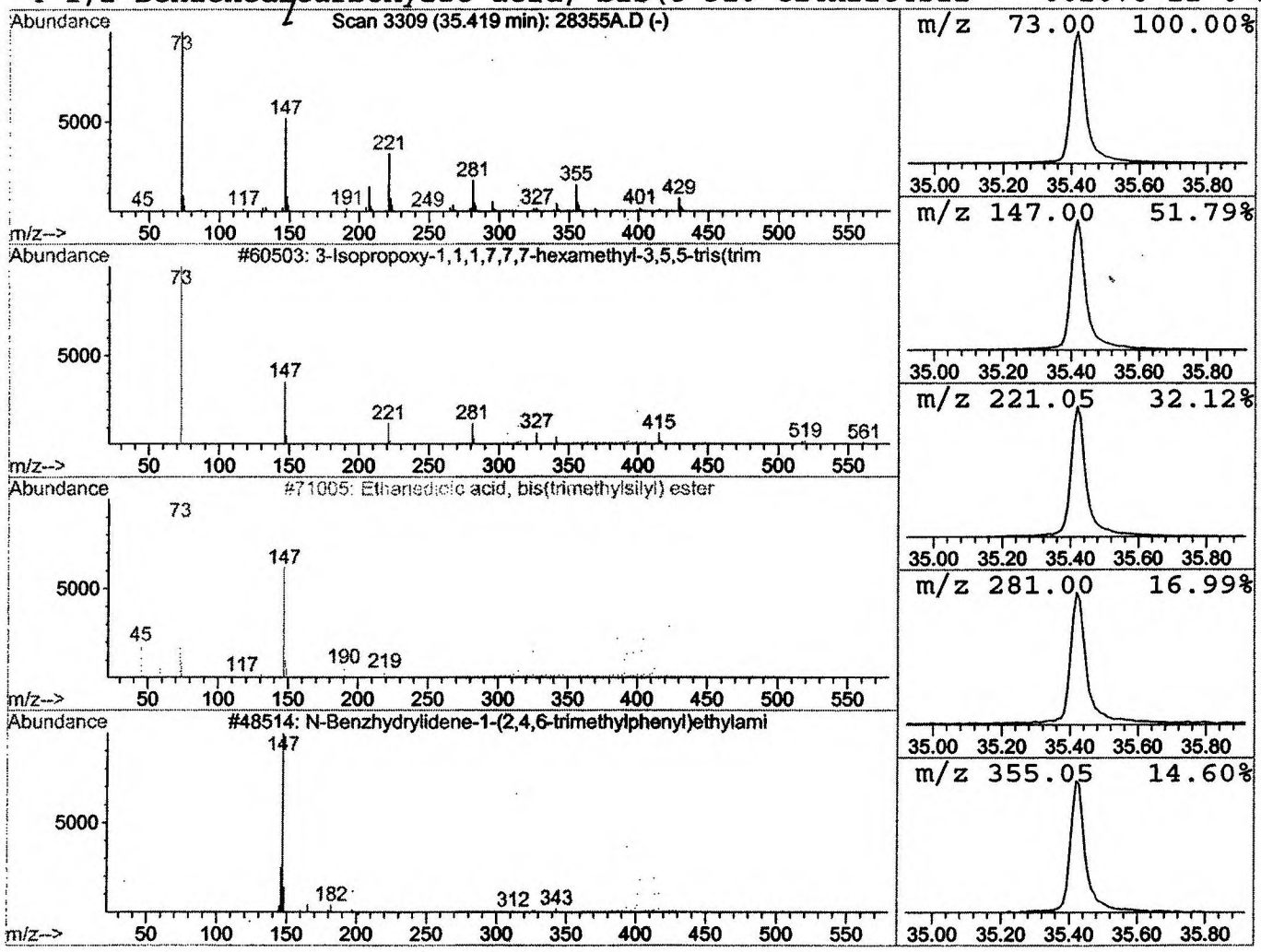
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 18 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.42	7.89 ug/l	1625810	Perylene-d12	36.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	42
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	32
3	N-Benzhydrylidene-1-(2,4,6-trimethy	343	C24H25NO	089839-57-6	27
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	25



Library Search Compound Report

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Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
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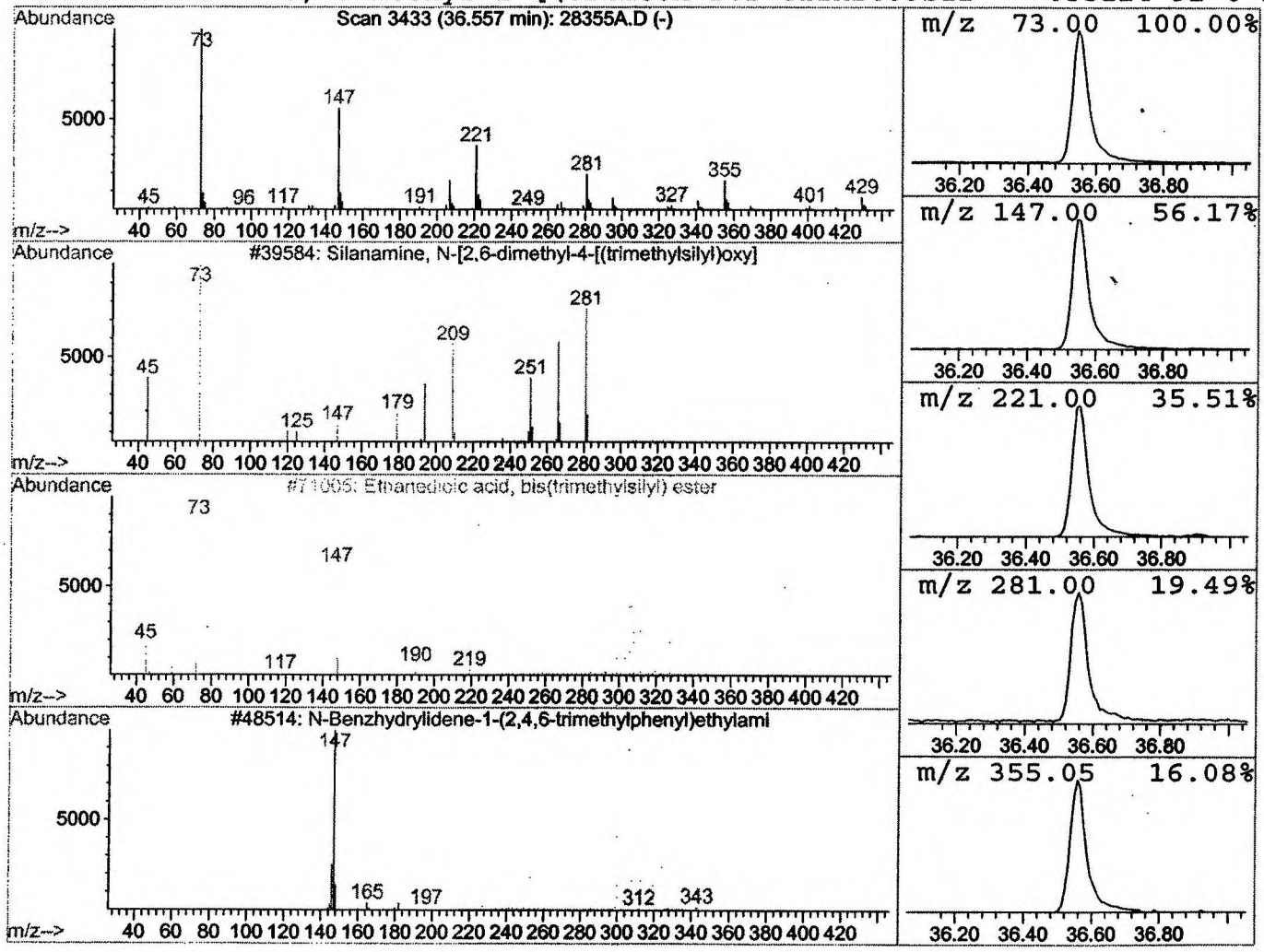
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 19 Silanamine, N-[2,6-dimethyl-4- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.56	4.70 ug/l	969055	Perylene-d12	36.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanamine, N-[2,6-dimethyl-4-[(tri	281	C14H27NOSi2	072088-09-6	30
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	25
3	N-Benzhydrylidene-1-(2,4,6-trimethy	343	C24H25NO	089839-57-6	22
4	Butanoic acid, 3-methyl-2-[(trimeth	262	C11H26O3Si2	055124-92-0	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0802\28355A.D Vial: 4
Acq On : 8 Jan 2002 6:13 pm Operator: 209 GALOS
Sample : Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

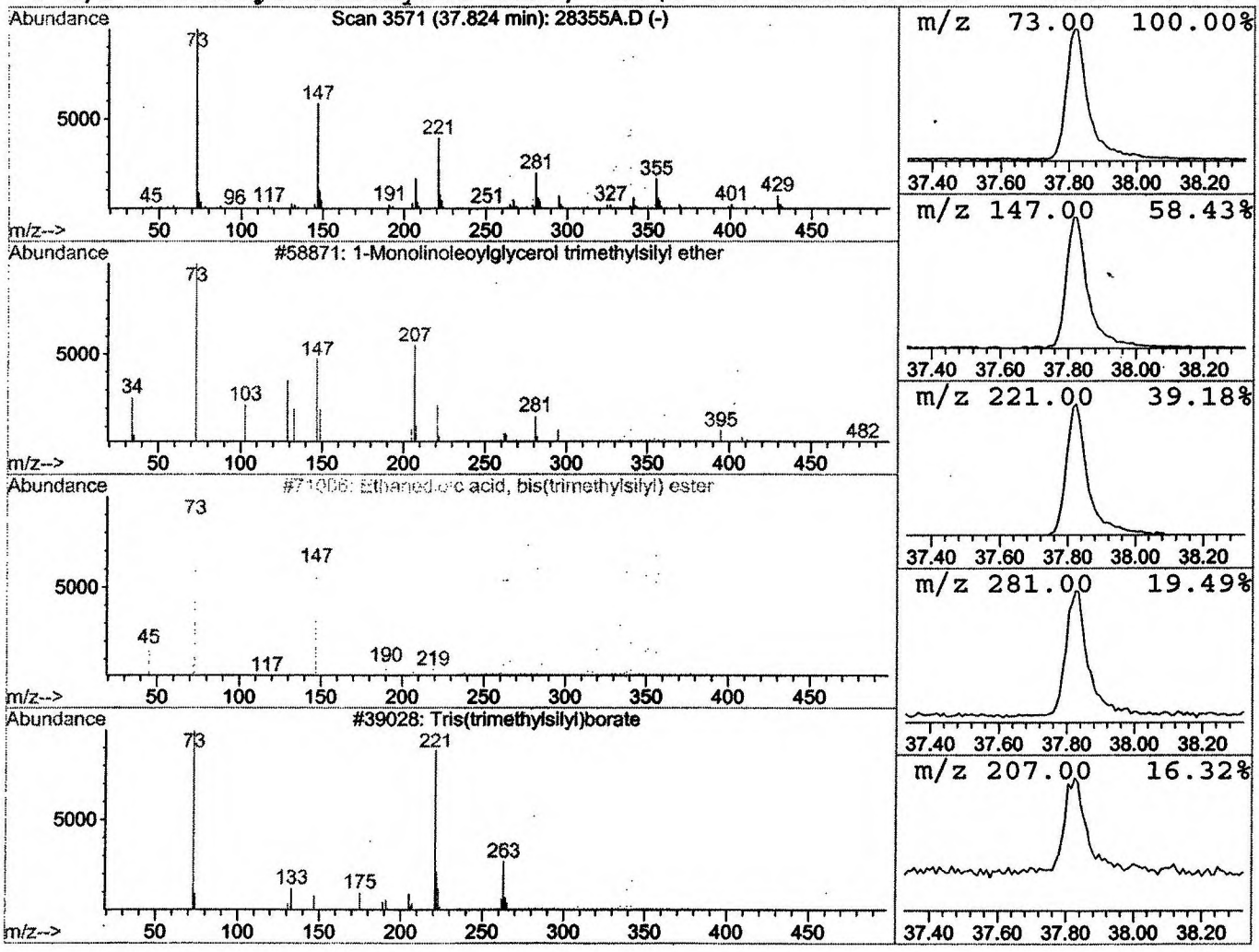
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 20 1-Monolinoleoylglycerol trimet Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.82	2.75 ug/l	567394	Perylene-d12	36.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	33
2	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	27
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	16
4	1,2-Benzenedicarboxylic acid, bis(t	310	C14H22O4Si2	002078-22-0	16



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Jan 2002 6:13 pm
Data File: C:\HPCHEM\1\DATA\JAN0802\28355A.D
Name:
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
Heptane, 2,2,4,6,6-p	11.66	2.7	ug/l	849848	ISTD01	11.52	6402750	20.0
Nonane, 3-methyl-5-p	11.94	2.8	ug/l	898074	ISTD01	11.52	6402750	20.0
Hexane, 2,2,5-trimet	12.36	3.2	ug/l	1031540	ISTD01	11.52	6402750	20.0
Hexane, 2,2,5-trimet	12.51	2.0	ug/l	647703	ISTD01	11.52	6402750	20.0
Octane, 1,1'-oxybis-	12.80	1.9	ug/l	605225	ISTD01	11.52	6402750	20.0
Cyclopentasiloxane,	14.17	5.5	ug/l	2320990	ISTD02	15.12	8396020	20.0
1,1,1,5,7,7,7-Heptam	17.32	20.9	ug/l	8788240	ISTD02	15.12	8396020	20.0
2-Propanone, 1-(1-me	18.00	2.3	ug/l	1029010	ISTD03	20.39	8897820	20.0
Trisiloxane, 1,1,1,5	20.13	18.2	ug/l	8084840	ISTD03	20.39	8897820	20.0
Benzoic acid, 4-etho	20.85	4.5	ug/l	2003270	ISTD03	20.39	8897820	20.0
N-(Trifluoracetyl)-O	22.64	10.3	ug/l	6184830	ISTD04	24.81	11990900	20.0
1-Monolinoleoylglyce	26.73	5.8	ug/l	3482380	ISTD04	24.81	11990900	20.0
Benzeneethanamine, N	28.50	4.9	ug/l	2950560	ISTD04	24.81	11990900	20.0
1,1,1,5,7,7,7-Heptam	30.09	8.9	ug/l	2674230	ISTD05	32.84	6019110	20.0
3-Isopropoxy-1,1,1,7	31.56	8.0	ug/l	2419910	ISTD05	32.84	6019110	20.0
1-Monolinoleoylglyce	32.93	7.8	ug/l	2345280	ISTD05	32.84	6019110	20.0
1-Monolinoleoylglyce	34.22	6.2	ug/l	1877260	ISTD05	32.84	6019110	20.0
3-Isopropoxy-1,1,1,7	35.42	7.9	ug/l	1625810	ISTD06	36.91	4120090	20.0
Stiramine, N-[2,6-d	36.56	4.7	ug/l	969055	ISTD06	36.91	4120090	20.0
1-Monolinoleoylglyce	37.82	2.8	ug/l	567394	ISTD06	36.91	4120090	20.0

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Column bleed