User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:15:36

Sample: AD29563
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:15 Ended: 1/28/02 11:15 Analyst: DLV
Page: 1

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

Comments for Sample AD29563 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:14:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 9 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\29563.D Vial: 36
Acq On : 28 Dec 2001 11:11 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 29 0:00 2001 Quant Results File: GCMS1126.RES

Quant 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
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	1359641	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	5190720	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.57	164	2533069	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	3810154	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	2314101	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1398621	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	172793	4.13	ug/mL	0.00
Spiked Amount 5.000			Recovery = 82.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.30	74	510	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	13.54	77	185	N.D.		
12) Isophorone	13.86	82	188	N.D.		
13) bis(2-Chloroethoxy)methane	14.94	93	108	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.34	128	2345	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	20.27	163	386	N.D.		
21) 2,6-Dinitrotoluene	20.28	165	310	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.37	165	172	N.D.		
25) Diethylphthalate	22.11	149	2281	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

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Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
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	25.05	178	483	N.D.	
34) Anthracene	25.05	178	483	N.D.	
35) Di-n-butylphthalate	27.02	149	34250	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.52	149	221	N.D.	
41) Benzo(a)anthracene	33.03	228	6002	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.31	149	5884	N.D.	
43) Chrysene	33.03	228	6002	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	5217	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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Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 29 0:00 2001

Vial: 36
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
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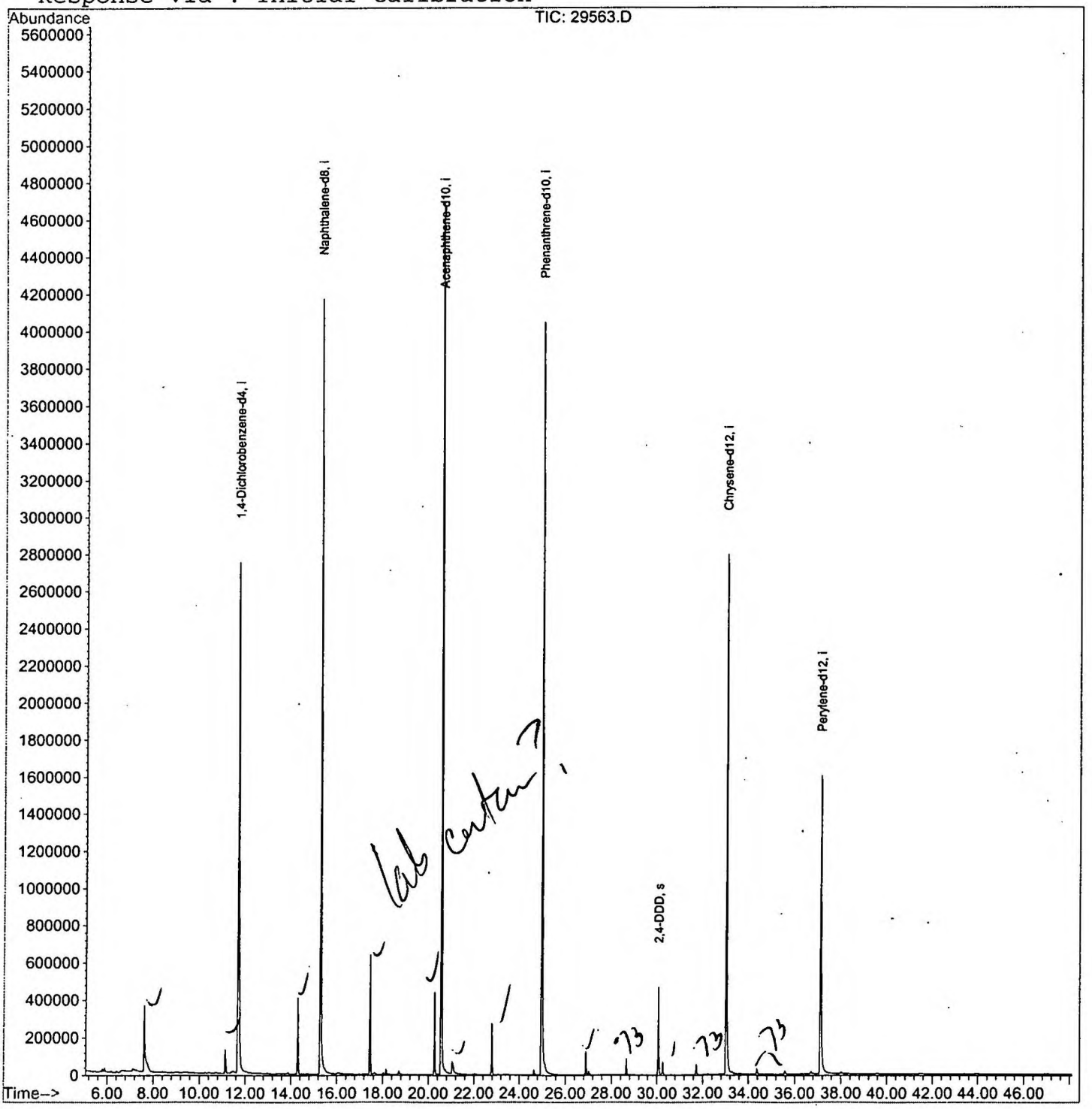


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29563.D Vial: 36
Acq On : 28 Dec 2001 11:11 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/7 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

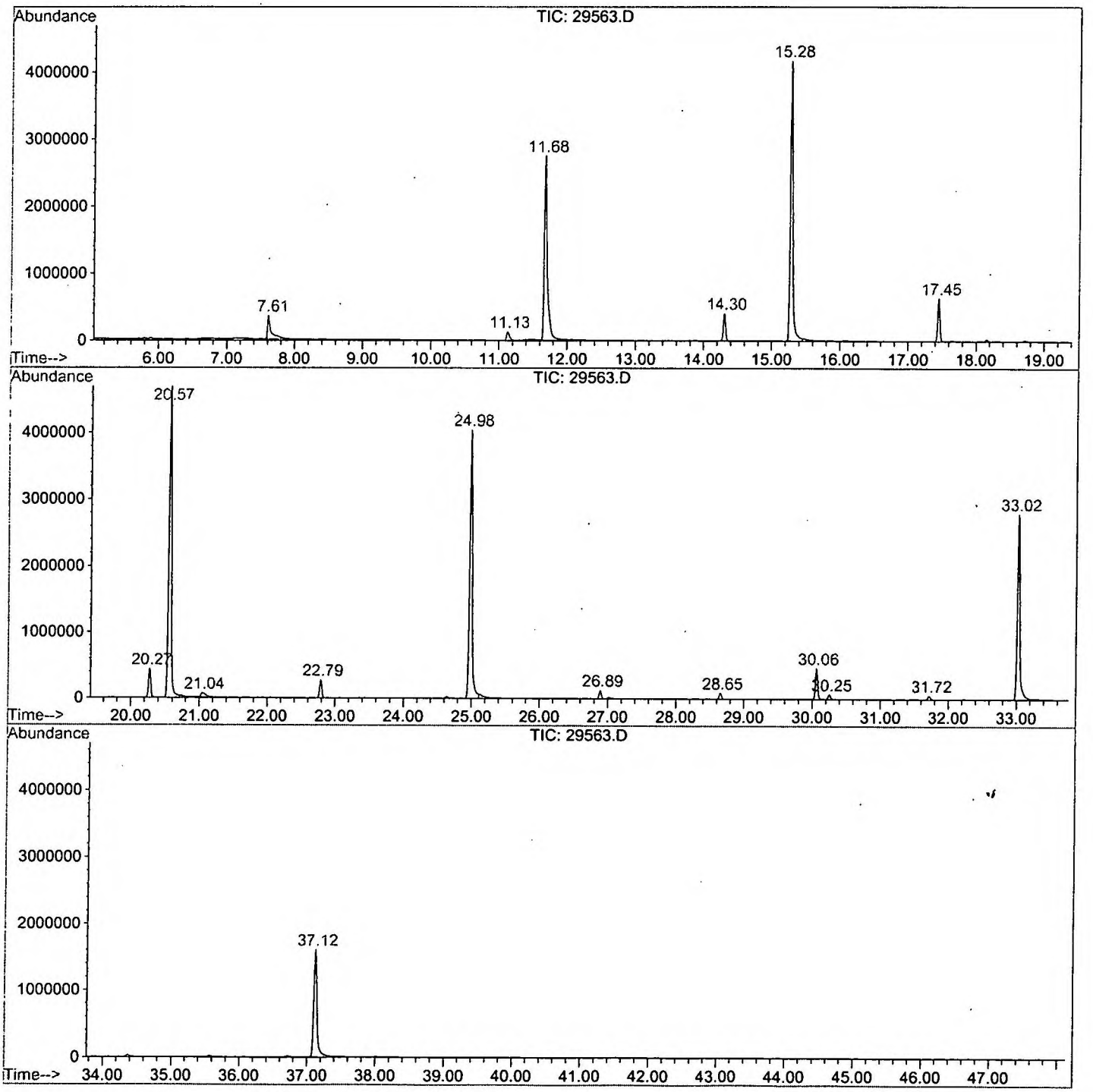
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	311	rBV	349244	1278561	11.65%	2.105%
2	11.128	658	663	675	rBV	127623	352887	3.22%	0.581%
3	11.678	717	723	749	rBV	2744334	8455865	77.06%	13.918%
4	14.304	1000	1009	1016	rBV	406814	895660	8.16%	1.474%
5	15.277	1110	1115	1134	rBV	4168373	10394852	94.73%	17.110%
6	17.453	1345	1352	1362	rBV	641052	1351962	12.32%	2.225%
7	20.271	1653	1659	1668	rBV	440947	937892	8.55%	1.544%
8	20.565	1684	1691	1707	rBV	4695445	10973187	100.00%	18.062%
9	21.042	1738	1743	1763	rBV	65905	310776	2.83%	0.512%
10	22.787	1927	1933	1940	rBV	272705	583903	5.32%	0.961%
11	24.981	2163	2172	2186	rBV2	4045166	10645579	97.01%	17.523%
12	26.890	2373	2380	2388	rBV	126538	264019	2.41%	0.435%
13	28.653	2563	2572	2578	rBV	88019	197816	1.80%	0.326%
14	30.057	2720	2725	2735	rBV	466509	1065362	9.71%	1.754%
15	30.250	2740	2746	2753	rVB	71227	166574	1.52%	0.274%
16	31.719	2900	2906	2913	rBV	55028	141249	1.29%	0.232%
17	33.023	3041	3048	3072	rBV2	2793661	7565494	68.95%	12.453%
18	37.117	3486	3494	3520	rBV2	1598286	5171128	47.13%	8.512%

Sum of corrected areas: 60752766

29563.D GCMS1126.M Tue Jan 08 11:41:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\29563.D
Operator : 209 GALOS
Acquired : 28 Dec 2001 11:11 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/7
Misc Info :
Vial Number: 36
Quant File :GCMS1126.RES (RTE Integrator)



29563.D GCMS1126.M Tue Jan 08 11:41:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29563.D Vial: 36
Acq On : 28 Dec 2001 11:11 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

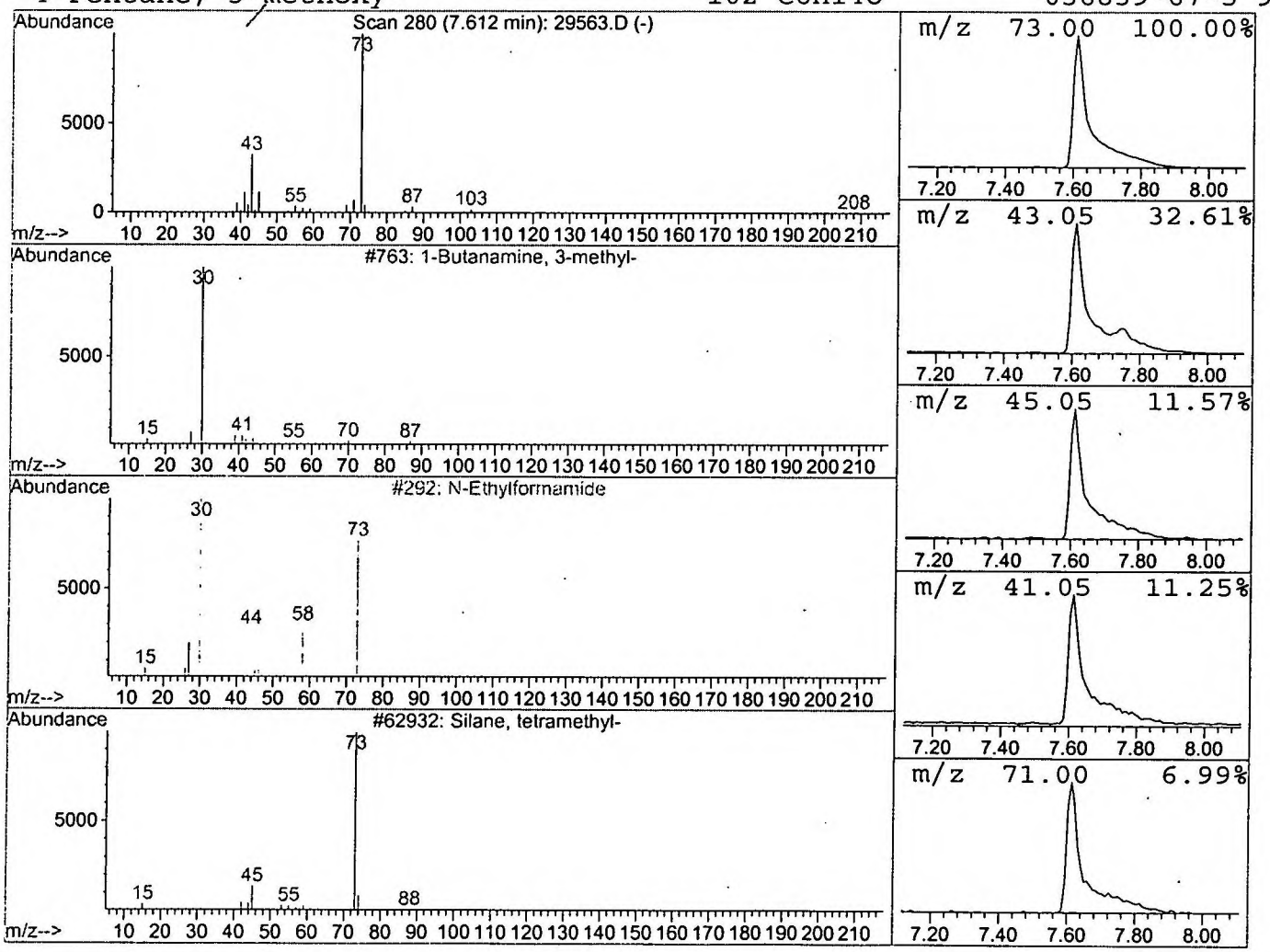
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.02 ug/l	1278560	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	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 : C:\HPCHEM\1\DATA\DEC2701\29563.D
Acq On : 28 Dec 2001 11:11 pm
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

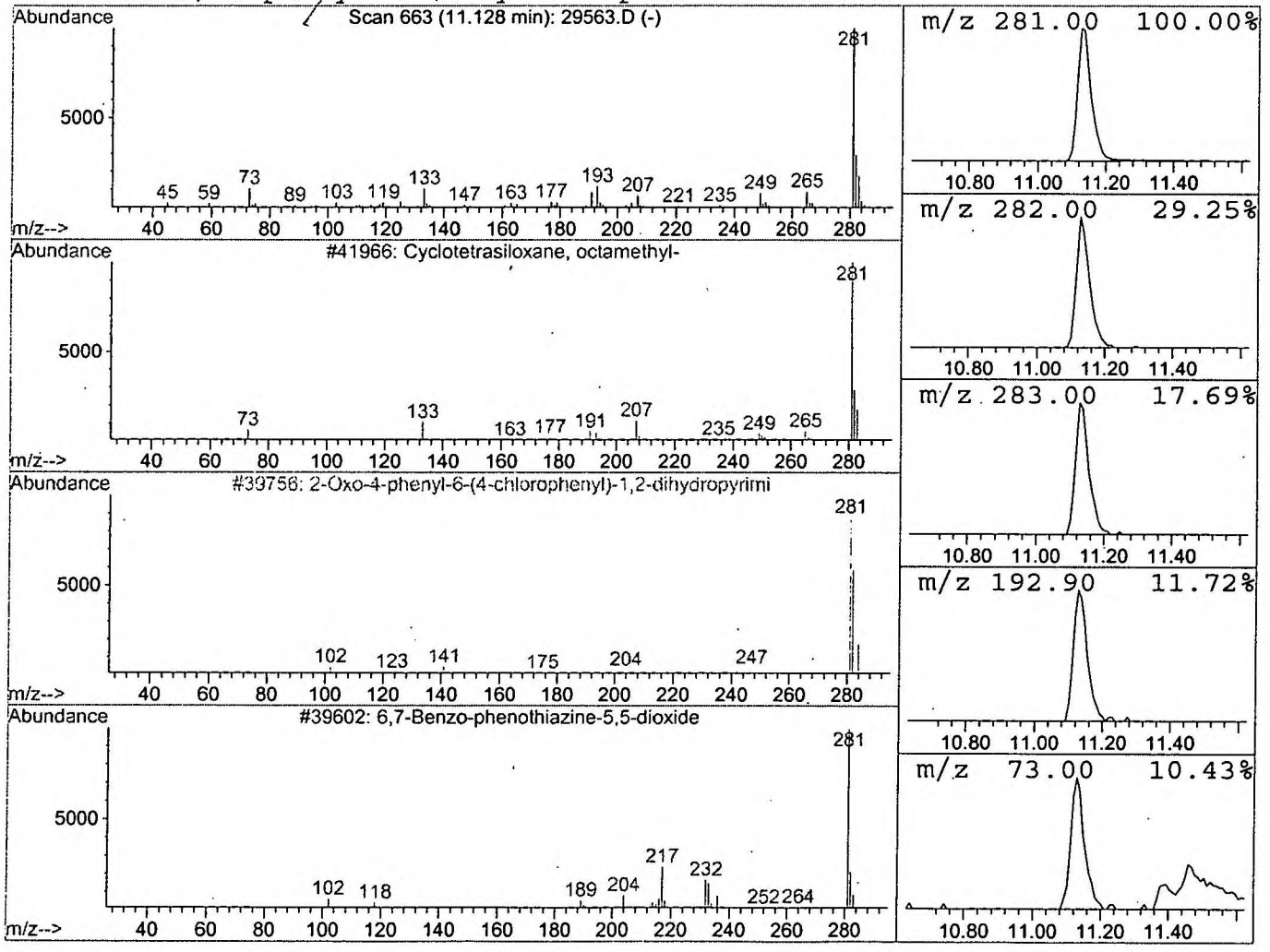
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.83 ug/l	352887	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	83
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29563.D
Acq On : 28 Dec 2001 11:11 pm
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 36
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

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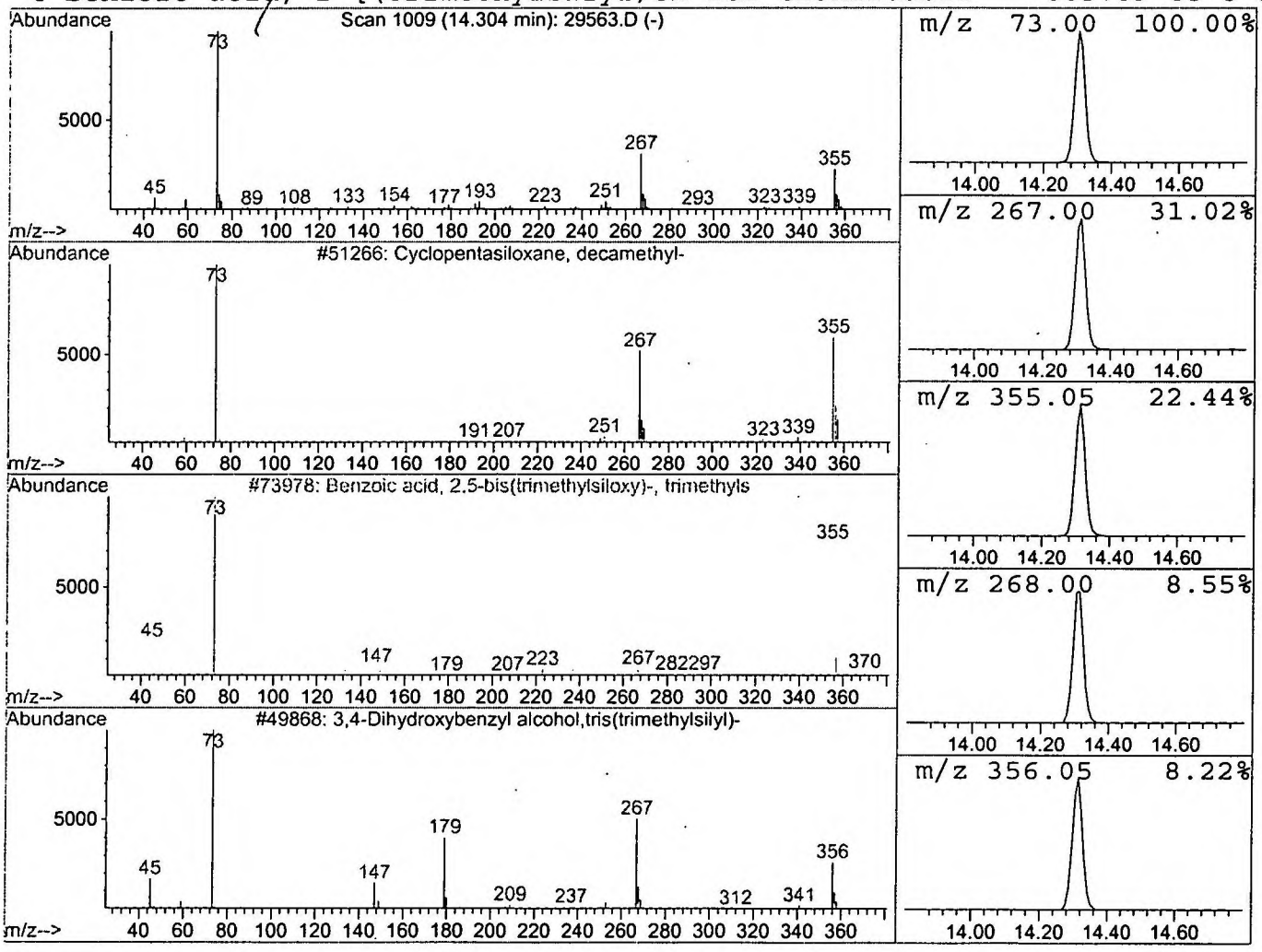
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.72 ug/l	895660	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
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	46
4	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38



Library Search Compound Report

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Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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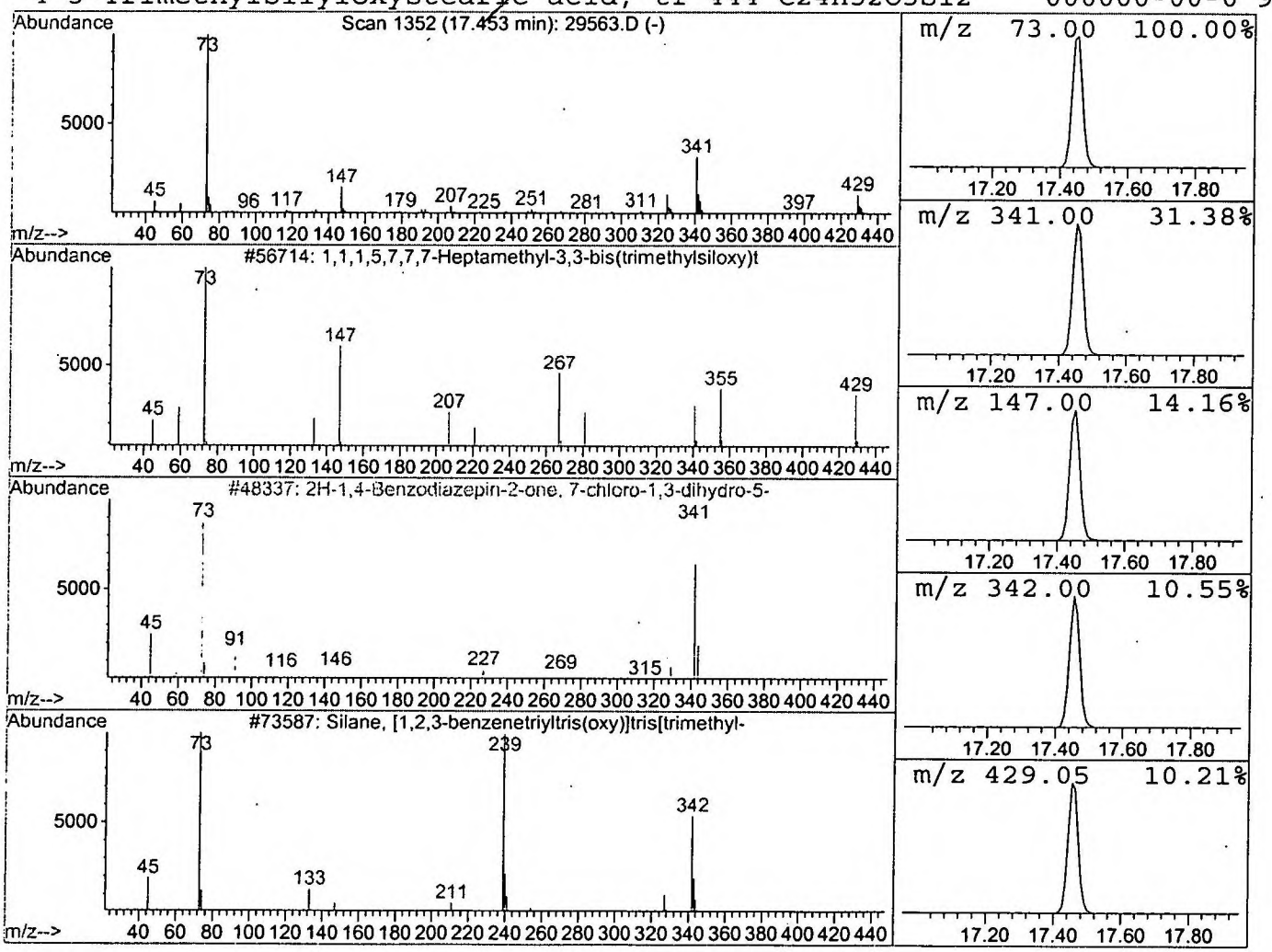
Library : C:\DATABASE\NBS75K.L

****

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	2.60 ug/l	1351960	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	25
2	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	16
4	3-Trimethylsilyloxystearic acid, tr	444	C24H52O3Si2	000000-00-0	9



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Misc :
MS Integration Params: LSCINT.P

Vial: 36
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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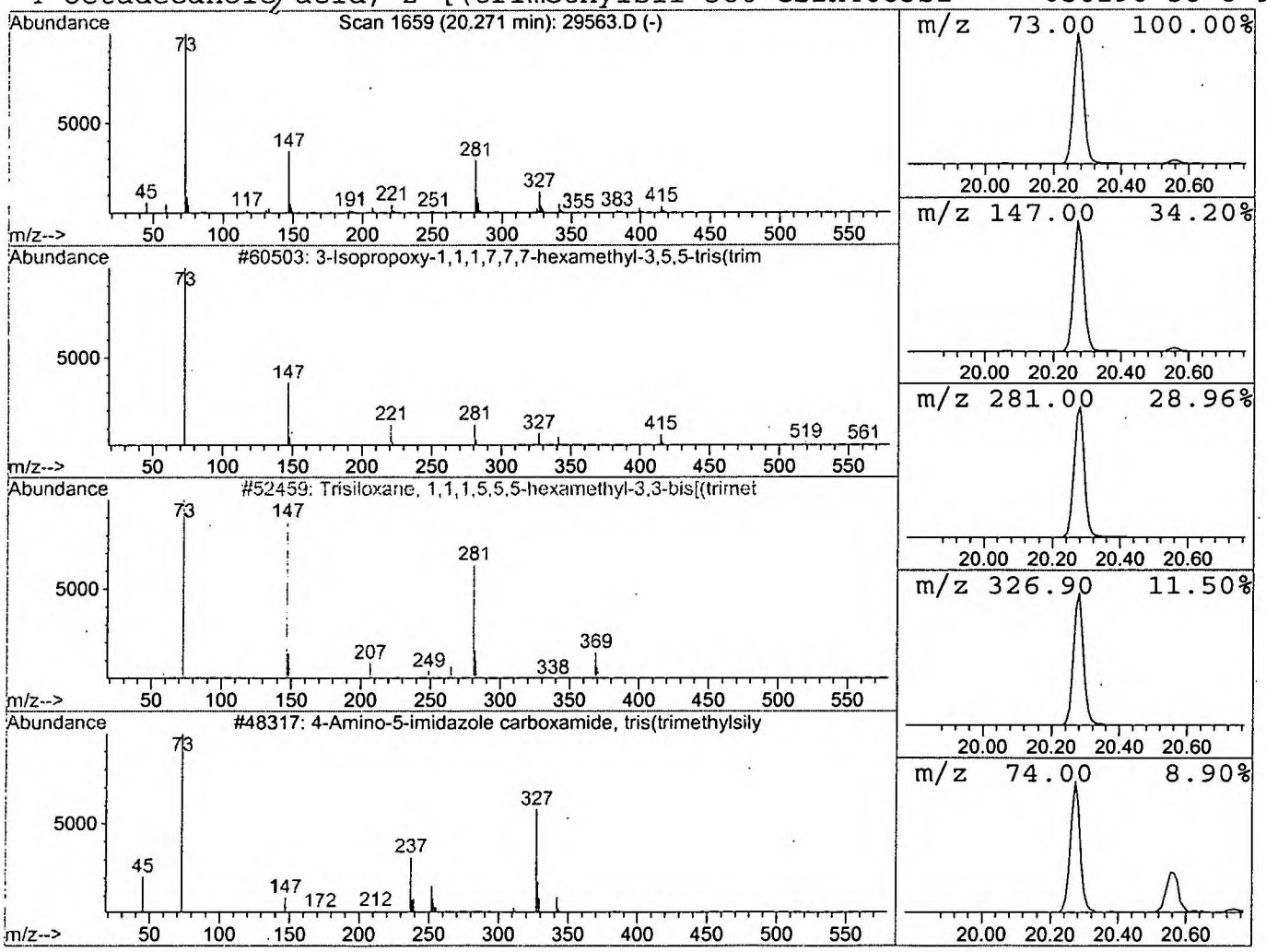
****

Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	1.71 ug/l	937892	Acenaphthene-d10	20.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	16
4	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	9



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Multiplr: 1.00

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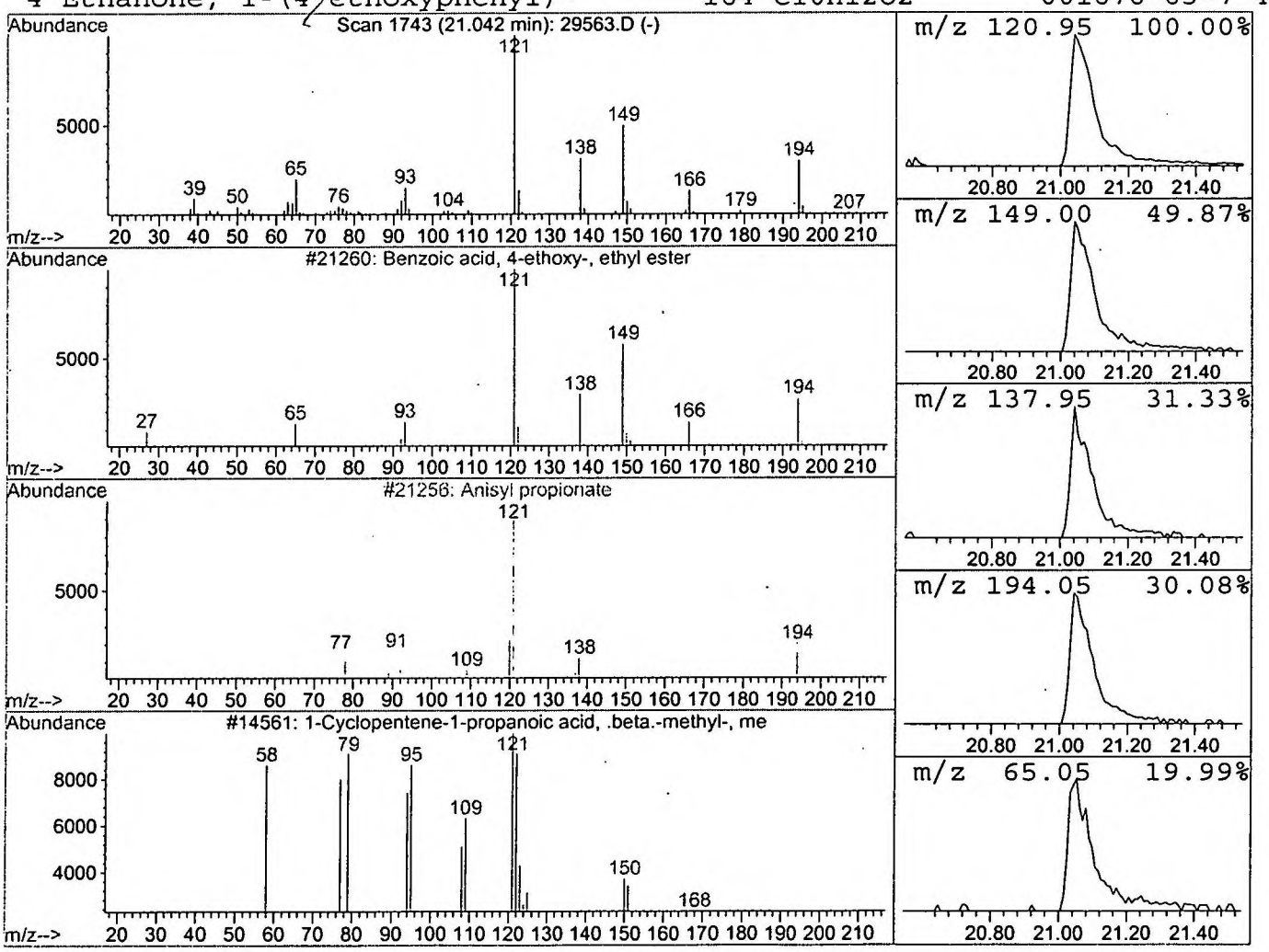
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	0.57 ug/l	310776	Acenaphthene-d10	20.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-ethoxy-, ethyl este	194	C11H14O3	023676-09-7	96
2	Anisyl propionate	194	C11H14O3	007549-33-9	43
3	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	42
4	Ethanone, 1-(4-ethoxyphenyl)-	164	C10H12O2	001676-63-7	40



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Multiplr: 1.00

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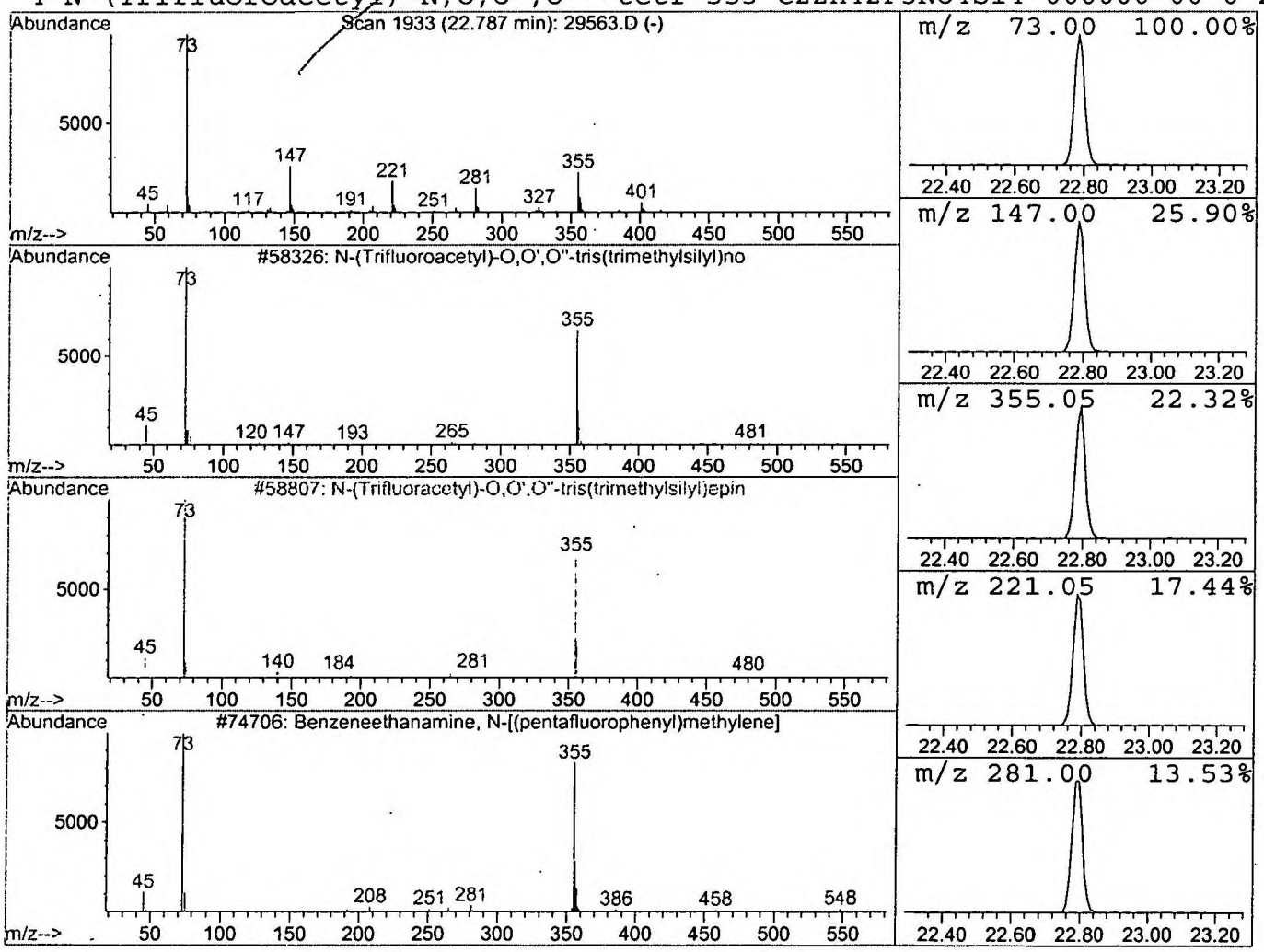
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 N-(Trifluoroacetyl)-O,O',O''-t Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	1.10 ug/l	583903	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	43
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	27



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Misc :
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Vial: 36
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Multiplr: 1.00

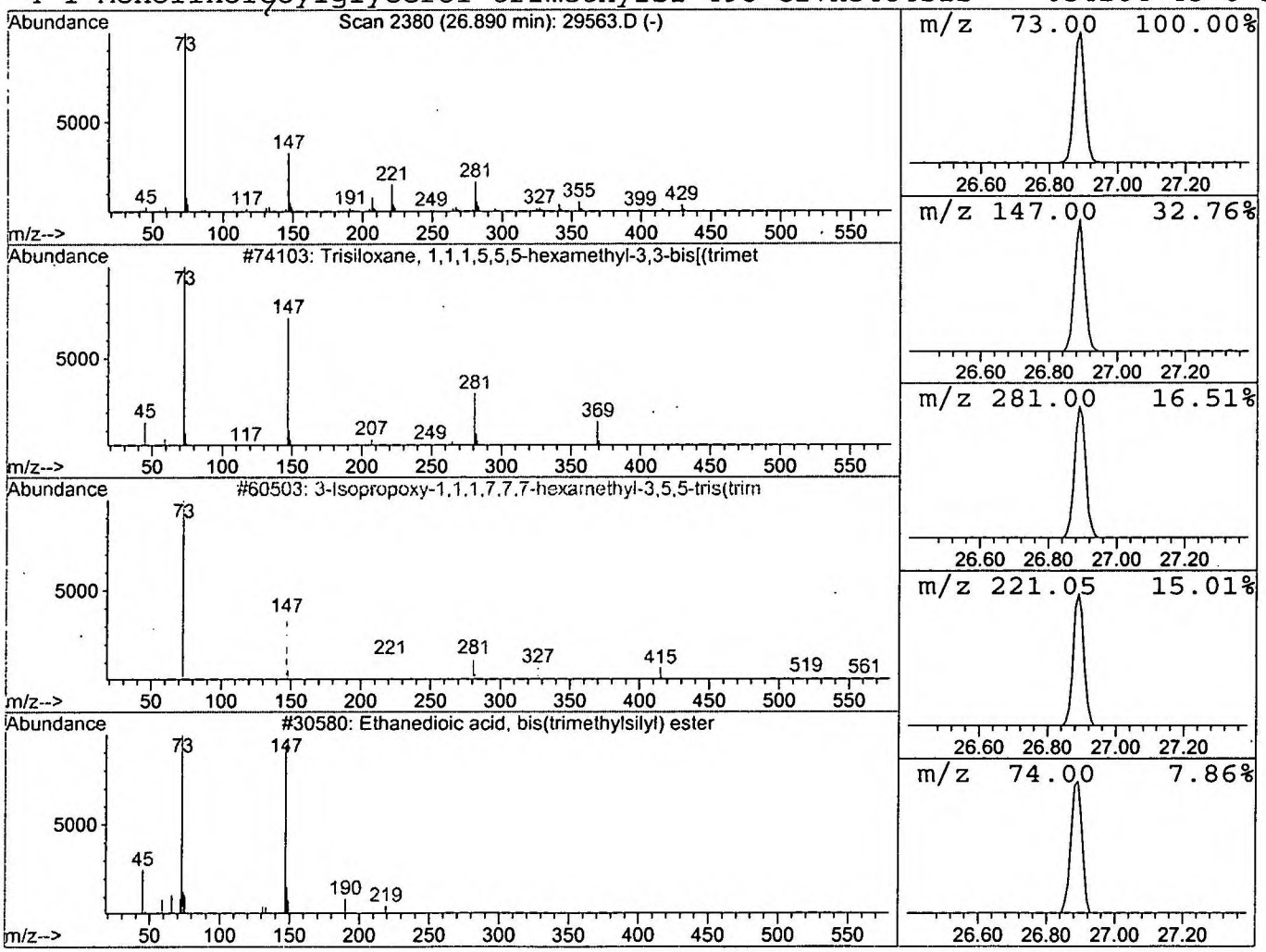
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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	0.50 ug/l	264019	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	40
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	39
3	Ethanedioic acid, bis(trimethylsily	234	C8H18O4Si2	018294-04-7	38
4	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	38



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Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 36
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Multiplr: 1.00

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

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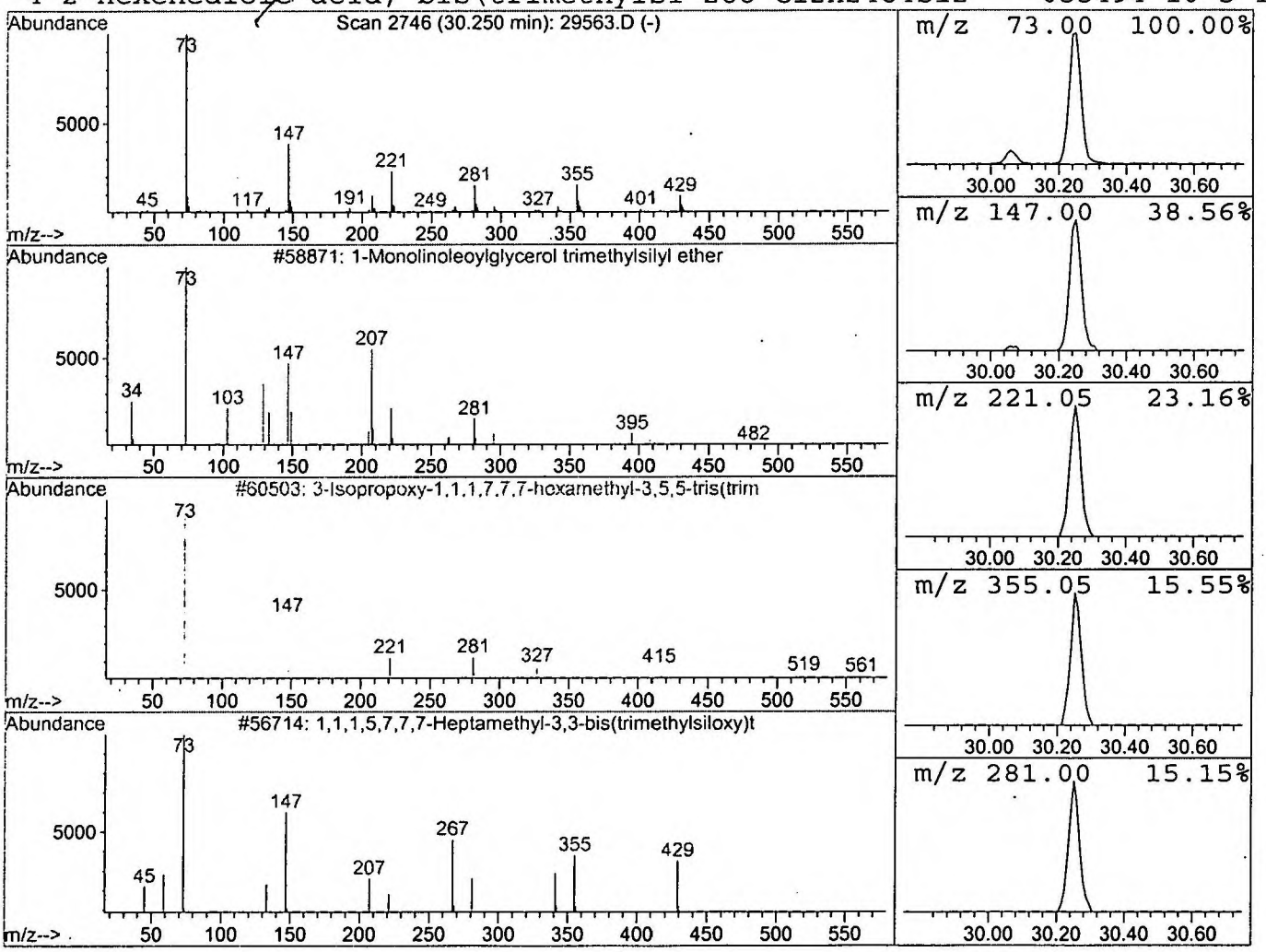
Peak Number 9 1-Monolinoleoylglycerol trimet Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.25	0.44 ug/l	166574	Chrysene-d12	33.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	42
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	38
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
4	2-Hexenedioic acid, bis(trimethylsi	288	C12H24O4Si2	055494-10-5	17



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 11:11 pm
Data File: C:\HPCHEM\1\DATA\DEC2701\29563.D
Name: GC/MS SCAN 12/7
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
1-Butanamine, 3-meth	7.61	3.0	ug/l	1278560	ISTD01	11.68	8455870	20.0
Cyclotetrasiloxane,	11.13	0.8	ug/l	352887	ISTD01	11.68	8455870	20.0
Cyclopentasiloxane,	14.30	1.7	ug/l	895660	ISTD02	15.28	10394900	20.0
1,1,1,5,7,7,7-Heptam	17.45	2.6	ug/l	1351960	ISTD02	15.28	10394900	20.0
3-Isopropoxy-1,1,1,7	20.27	1.7	ug/l	937892	ISTD03	20.57	10973200	20.0
Benzoic acid, 4-etho	21.04	0.6	ug/l	310776	ISTD03	20.57	10973200	20.0
N-(Trifluoroacetyl)-	22.79	1.1	ug/l	583903	ISTD04	24.98	10645600	20.0
Trisiloxane, 1,1,1,5	26.89	0.5	ug/l	264019	ISTD04	24.98	10645600	20.0
1-Monolinoleoylglyce	30.25	0.4	ug/l	166574	ISTD05	33.02	7565490	20.0

29563.D GCMS1126.M Tue Jan 08 11:42:43 2002