User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:17:25

Sample: AD29523
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:17 Ended: 1/28/02 11:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AD29523 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:16:07

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\29523.D Vial: 37
Acq On : 29 Dec 2001 12:10 am 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 0:58 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	1596657	20.00	ug/l	-0.02
10) Naphthalene-d8	15.29	136	6065117	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2946459	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	4558549	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	2802906	20.00	ug/l	0.00
44) Perylene-d12	37.13	264	1661524	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	178466	3.56	ug/mL	0.00
Spiked Amount 5.000			Recovery = 71.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.31	74	218	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	13.17	77	203	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	15.34	128	1970	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	521	N.D.		
21) 2,6-Dinitrotoluene	20.27	165	306	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.28	165	752	N.D.		
25) Diethylphthalate	22.13	149	1812	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	24.98	178	2517	N.D.	
34)	Anthracene	24.98	178	2517	N.D.	
35)	Di-n-butylphthalate	27.02	149	43845	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	587	N.D.	
41)	Benzo(a)anthracene	33.03	228	6735	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	10513	N.D.	
43)	Chrysene	33.03	228	6735	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	6463	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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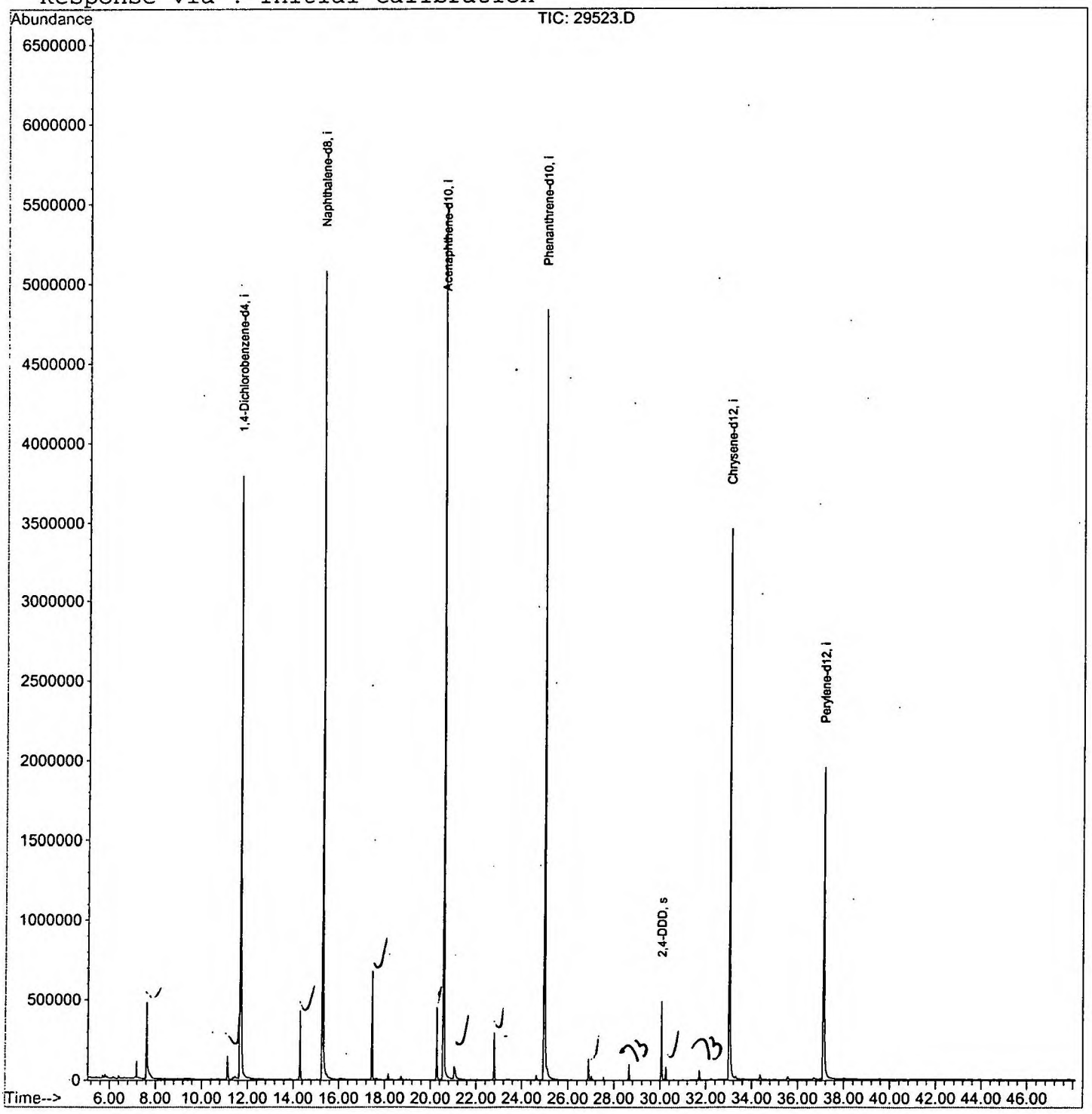
Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 29 0:58 2001

Vial: 37
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 : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29523.D Vial: 37
Acq On : 29 Dec 2001 12:10 am 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

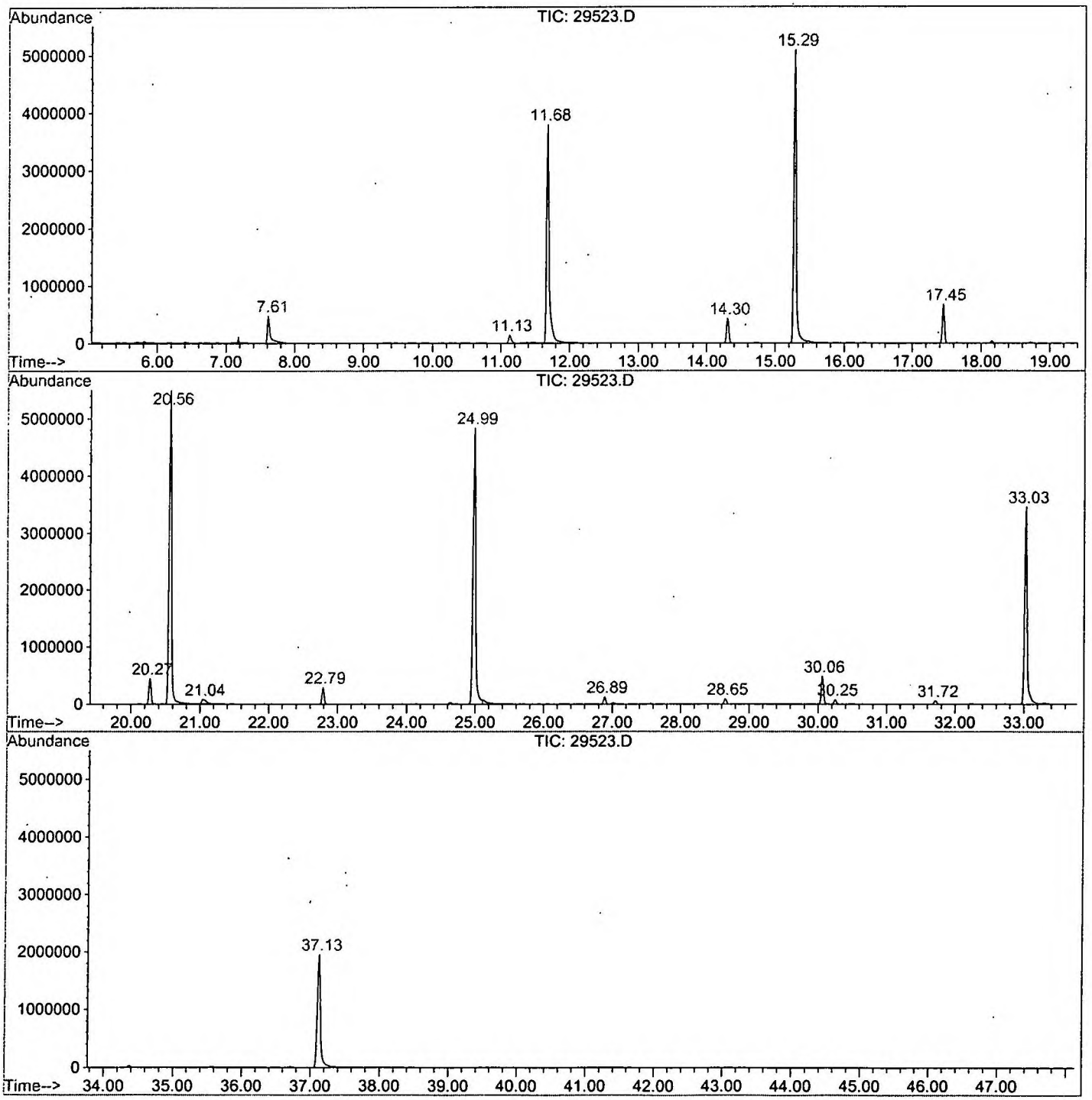
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.612	276	280	298	rBV	474021	1343284	10.38%	1.896%
2	11.128	658	663	671	rBV	145510	351051	2.71%	0.495%
3	11.678	718	723	754	rBV	3783854	9891934	76.44%	13.960%
4	14.304	1003	1009	1020	rVB	428963	931832	7.20%	1.315%
5	15.286	1109	1116	1134	rBV	5080284	12163237	93.99%	17.165%
6	17.453	1345	1352	1361	rBV	677538	1409539	10.89%	1.989%
7	20.271	1653	1659	1669	rBV	449099	976746	7.55%	1.378%
8	20.565	1684	1691	1716	rBV	5500471	12940609	100.00%	18.262%
9	21.042	1738	1743	1757	rBV	75517	339768	2.63%	0.479%
10	22.787	1928	1933	1942	rBV	293882	607357	4.69%	0.857%
11	24.990	2162	2173	2186	rBV2	4838147	12692321	98.08%	17.912%
12	26.890	2374	2380	2387	rBV	131656	281102	2.17%	0.397%
13	28.653	2563	2572	2579	rBV	98679	215847	1.67%	0.305%
14	30.057	2720	2725	2734	rBV	487782	1102724	8.52%	1.556%
15	30.250	2740	2746	2754	rVB	81878	184923	1.43%	0.261%
16	31.719	2899	2906	2915	rBV	60414	156331	1.21%	0.221%
17	33.032	3041	3049	3074	rBV2	3458793	9126242	70.52%	12.879%
18	37.126	3486	3495	3521	rBV	1948223	6145744	47.49%	8.673%

Sum of corrected areas: 70860591

29523.D GCMS1126.M Tue Jan 08 12:09:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\29523.D
Operator : 209 GALOS
Acquired : 29 Dec 2001 12:10 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/7
Misc Info :
Vial Number: 37
Quant File :GCMS1126.RES (RTE Integrator)



29523.D GCMS1126.M Tue Jan 08 12:09:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29523.D
Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

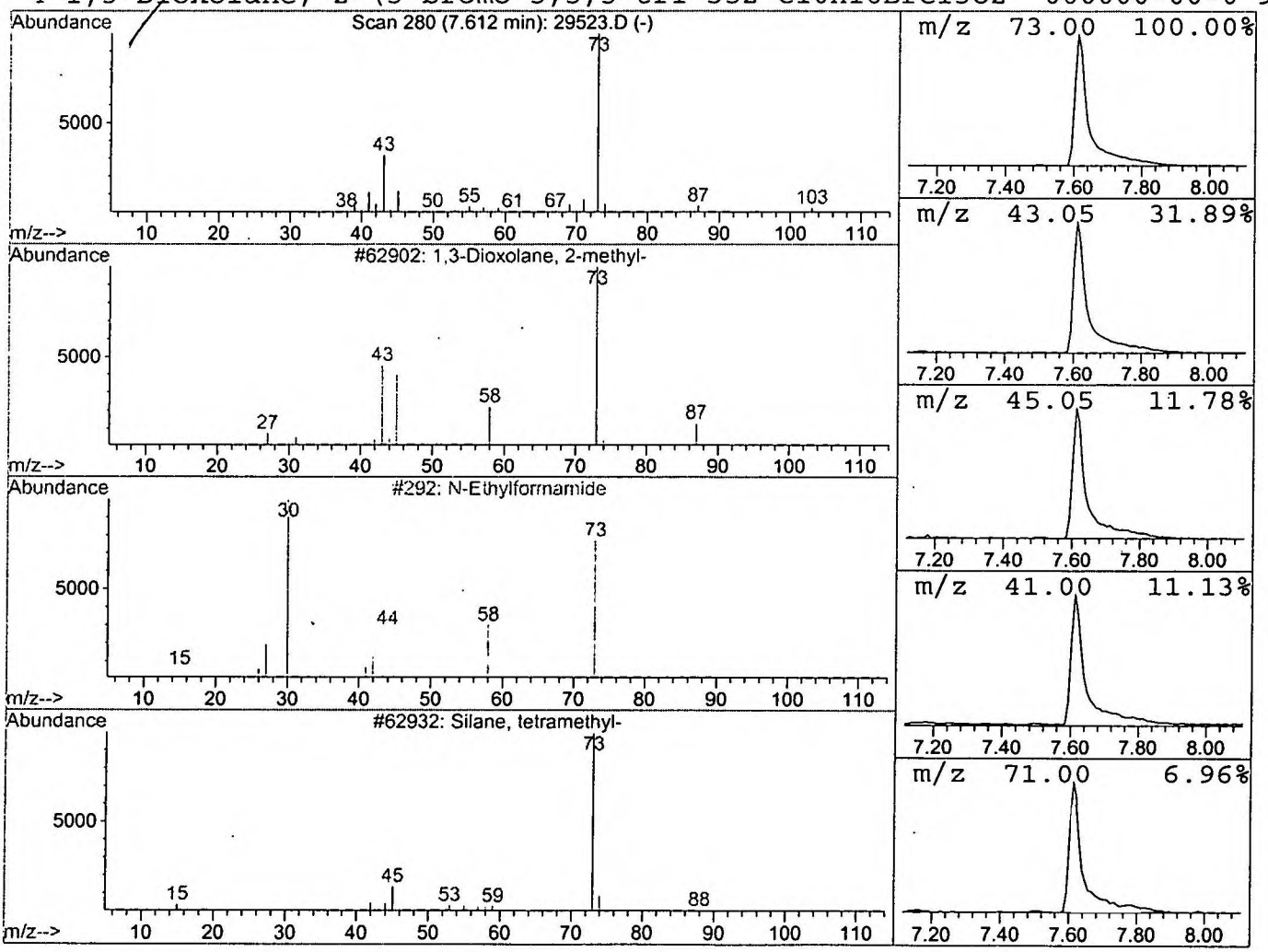
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	2.72 ug/l	1343280	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

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Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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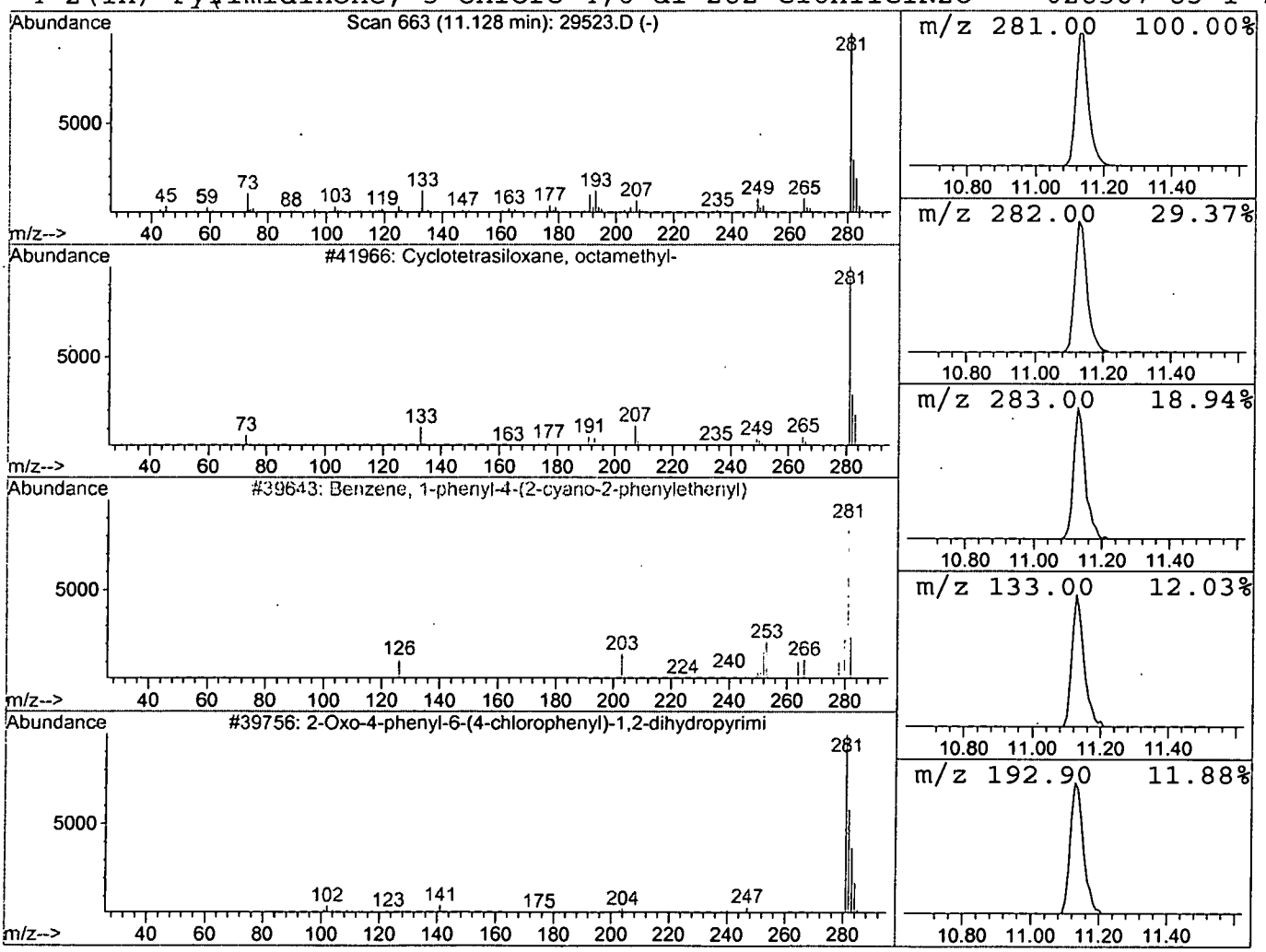
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.71 ug/l	351051	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	50
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	2(1H)-Pyrimidinone, 5-chloro-4,6-di	282	C16H11ClN2O	028567-83-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29523.D
Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

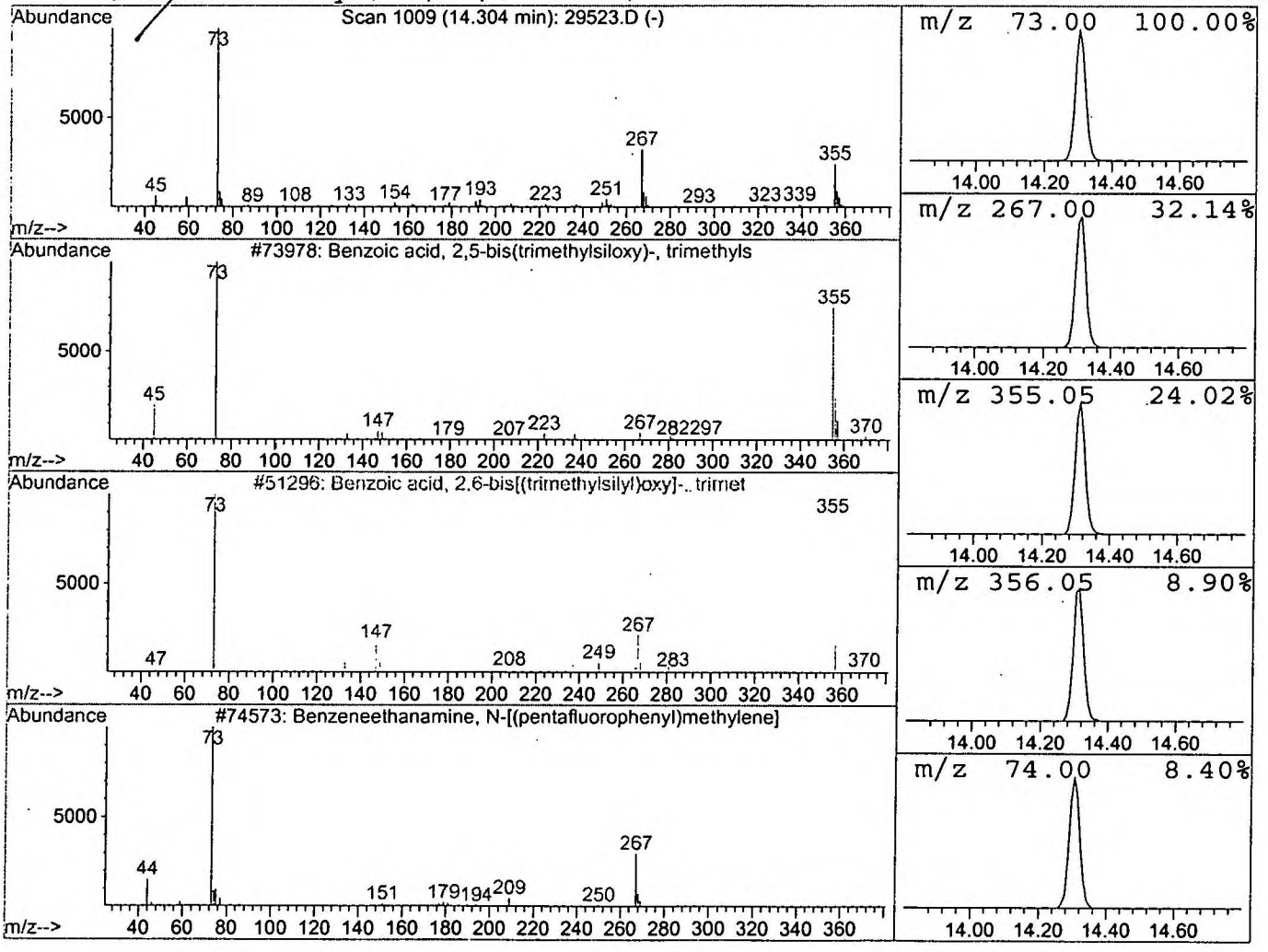
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Benzoic acid, 2,5-bis(trimethy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.53 ug/l	931832	Naphthalene-d8	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
2	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	38
3	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37



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Acq On : 29 Dec 2001 12:10 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

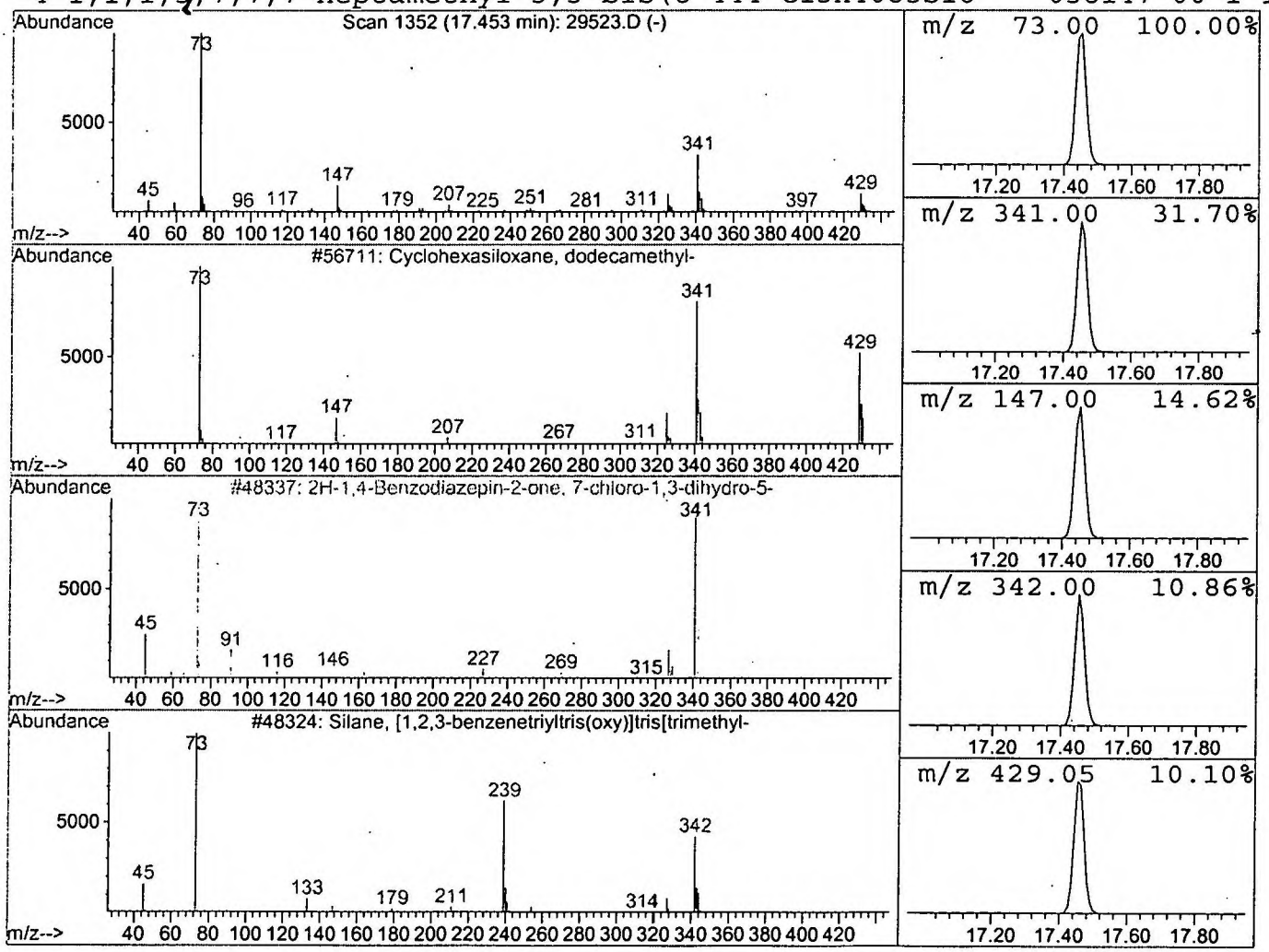
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.32 ug/l	1409540	Naphthalene-d8	15.29

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	22
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10
4	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	9



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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)
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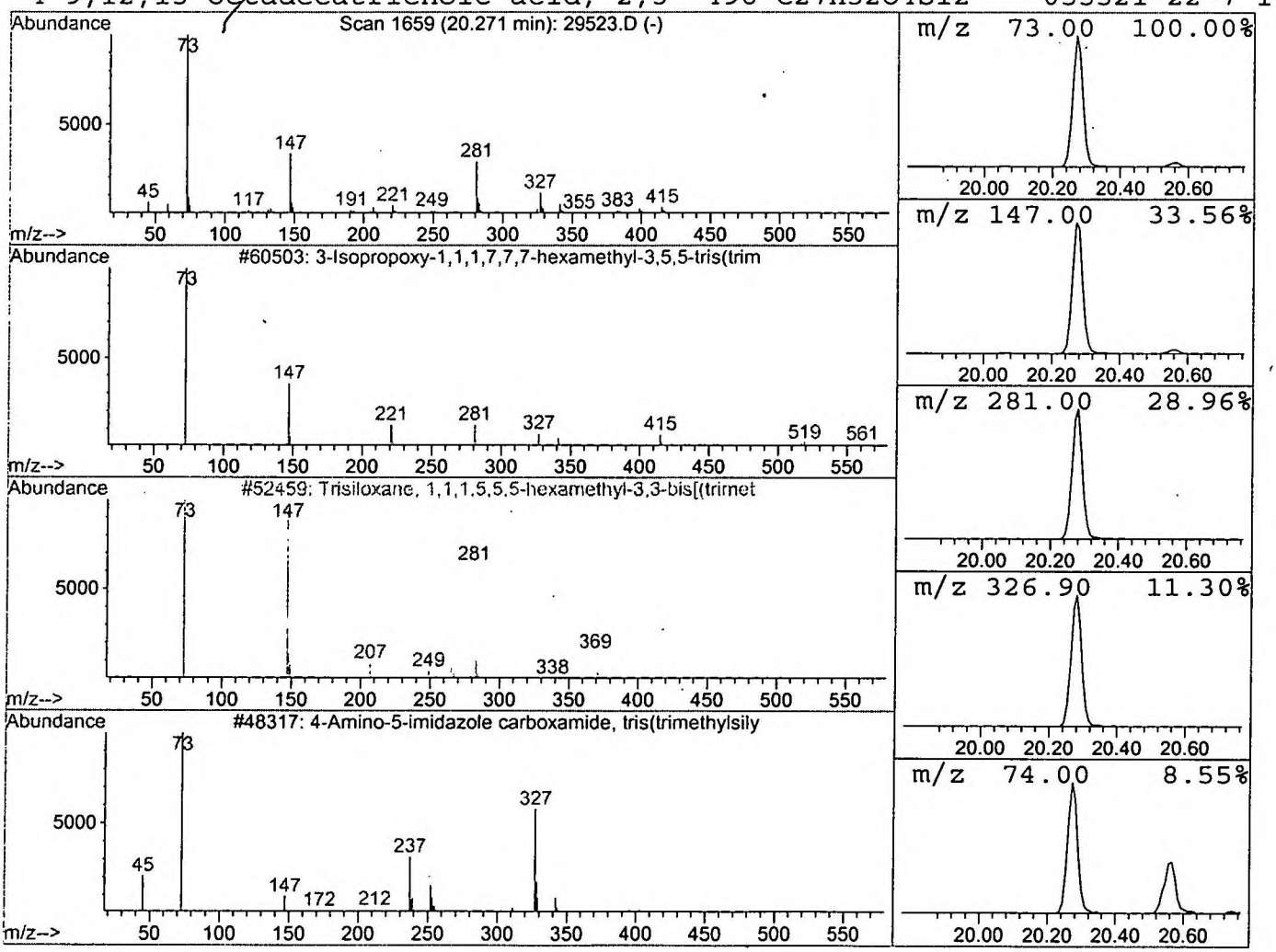
****

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	1.51 ug/l	976746	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	42
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	14
4	9,12,15-Octadecatrienoic acid, 2,3-	496	C27H52O4Si2	055521-22-7	10



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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
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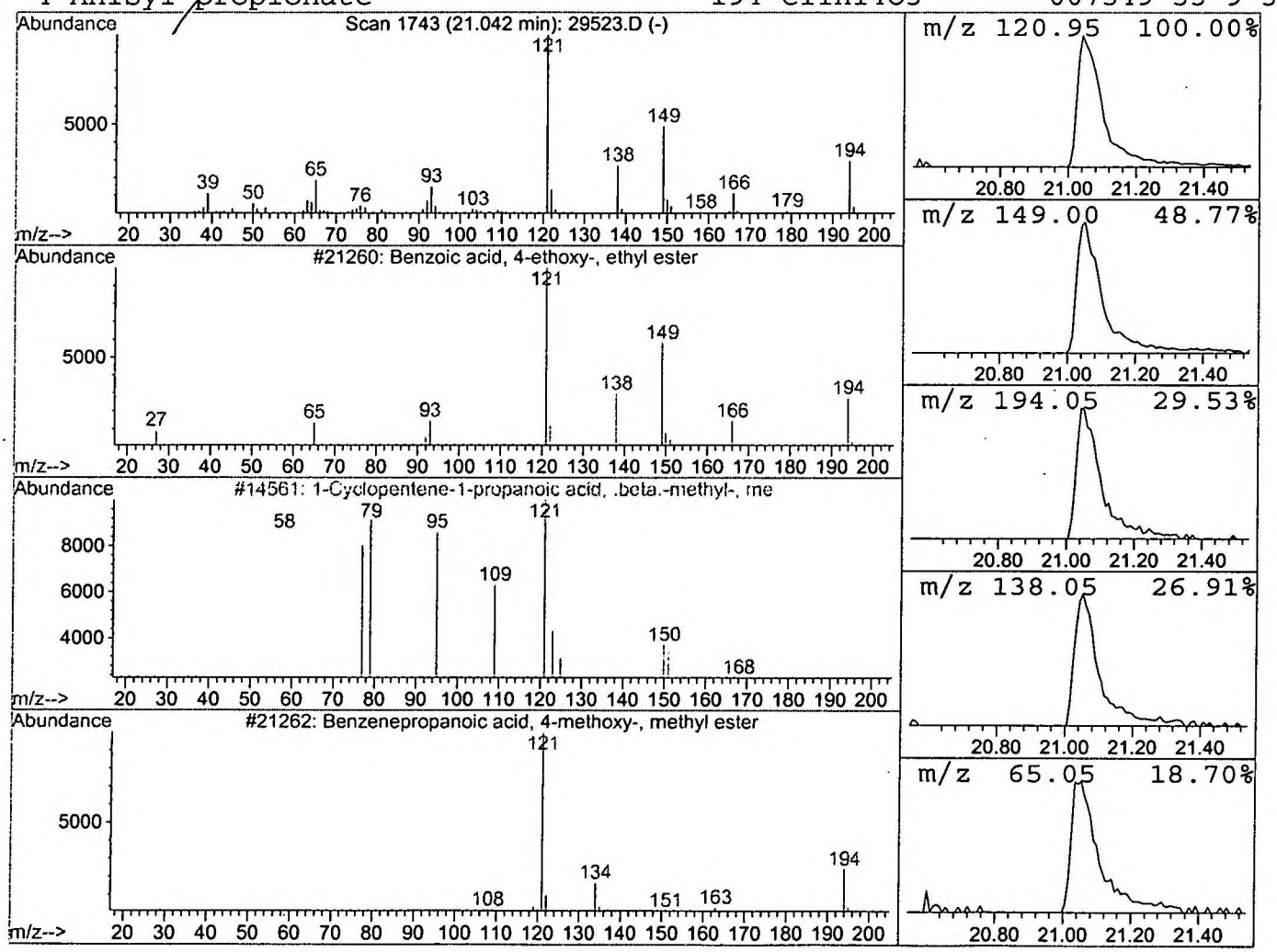
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	0.53 ug/l	339768	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	97
2	1-Cyclopentene-1-propanoic acid, .b	168	C10H16O2	061833-30-5	46
3	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	43
4	Anisyl propionate	194	C11H14O3	007549-33-9	38



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Acq On : 29 Dec 2001 12:10 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

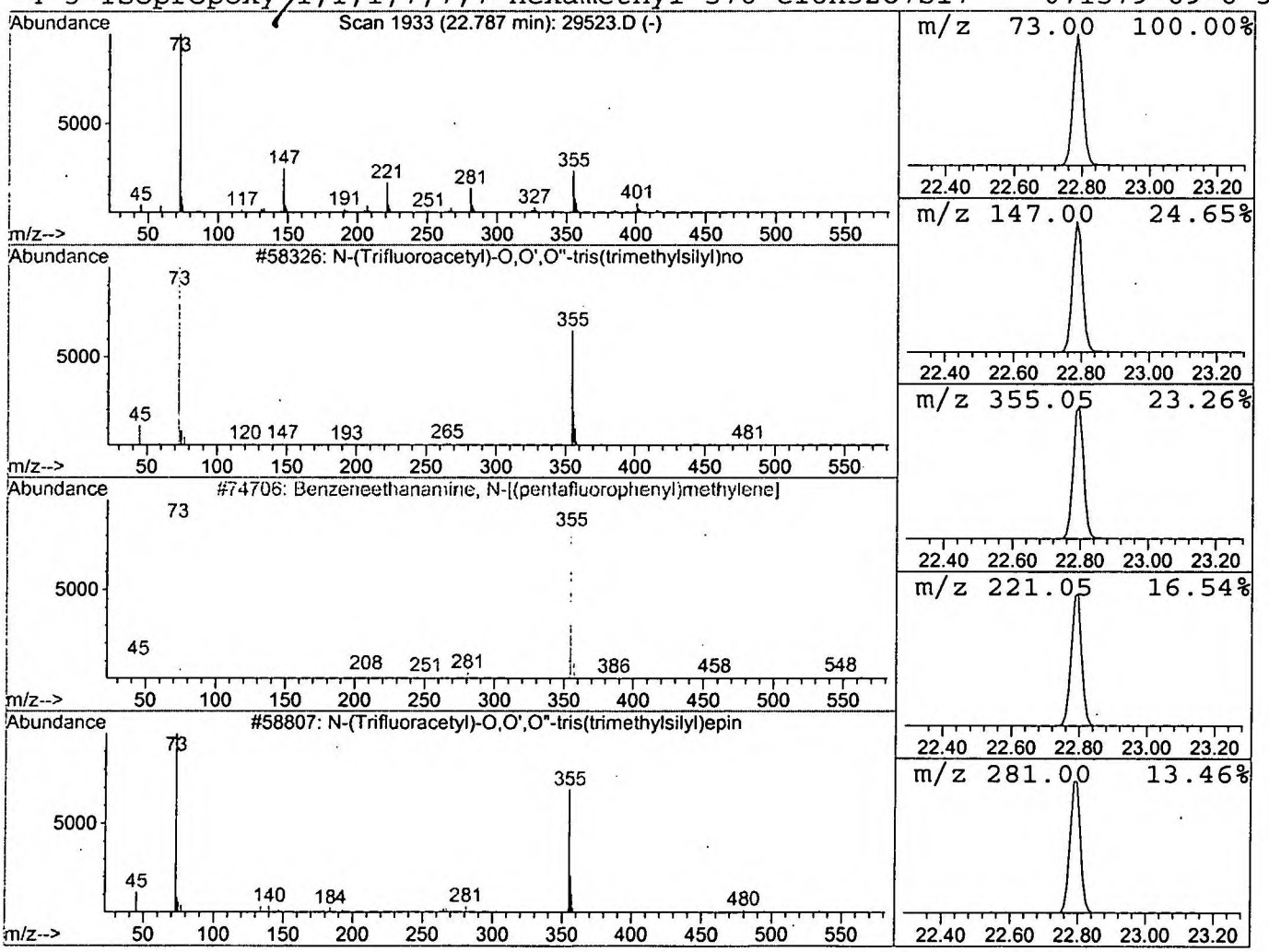
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	0.96 ug/l	607357	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
3	N-(Trifluoroacetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
4	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	37



Library Search Compound Report

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Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

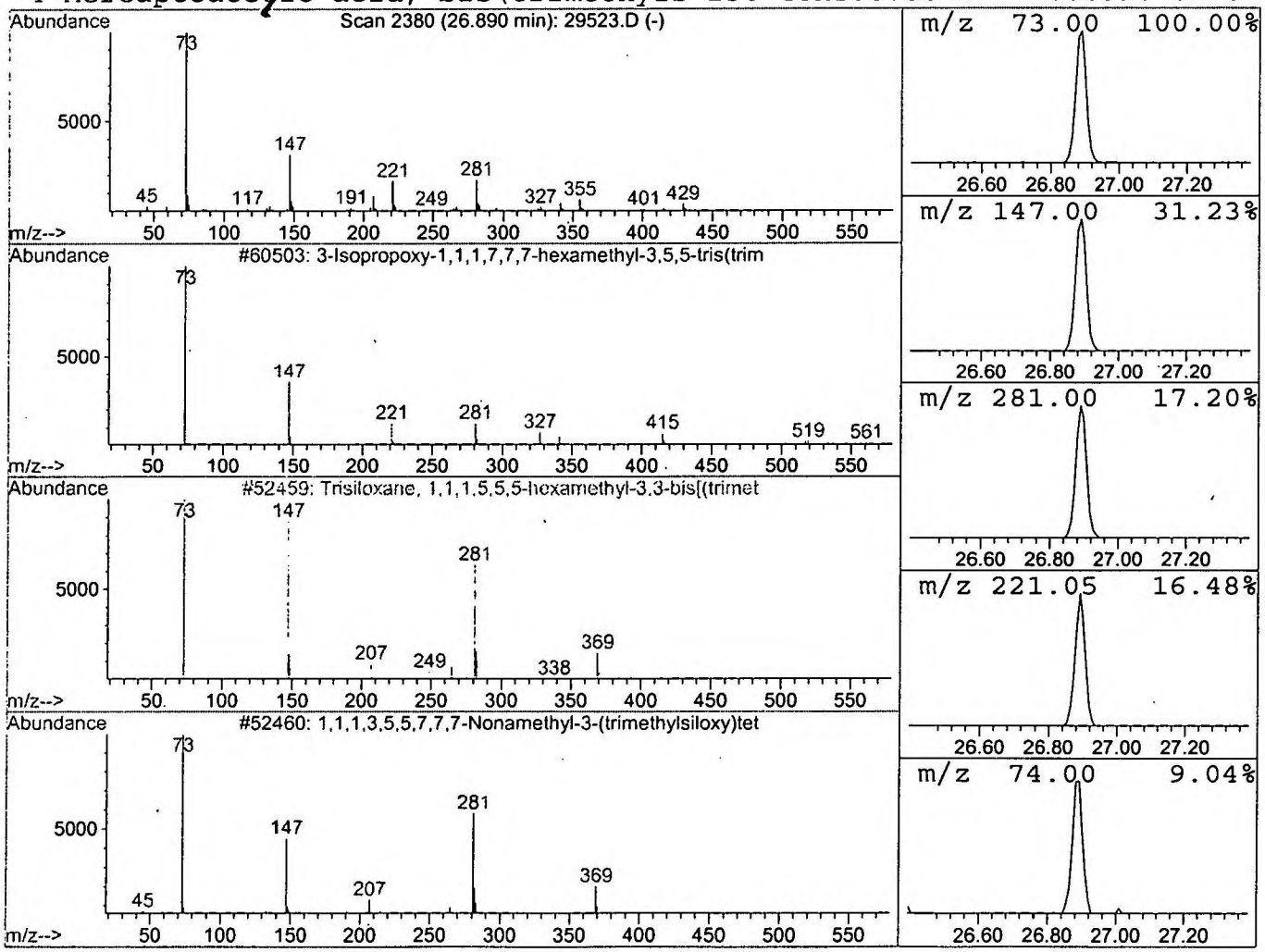
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.89	0.44 ug/l	281102	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	50
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	40
3	1,1,1,3,5,5,7,7,7-Nonamethyl-3-(tri	384	C12H36O4Si5	038146-99-5	25
4	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\29523.D
Acq On : 29 Dec 2001 12:10 am
Sample : GC/MS SCAN 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

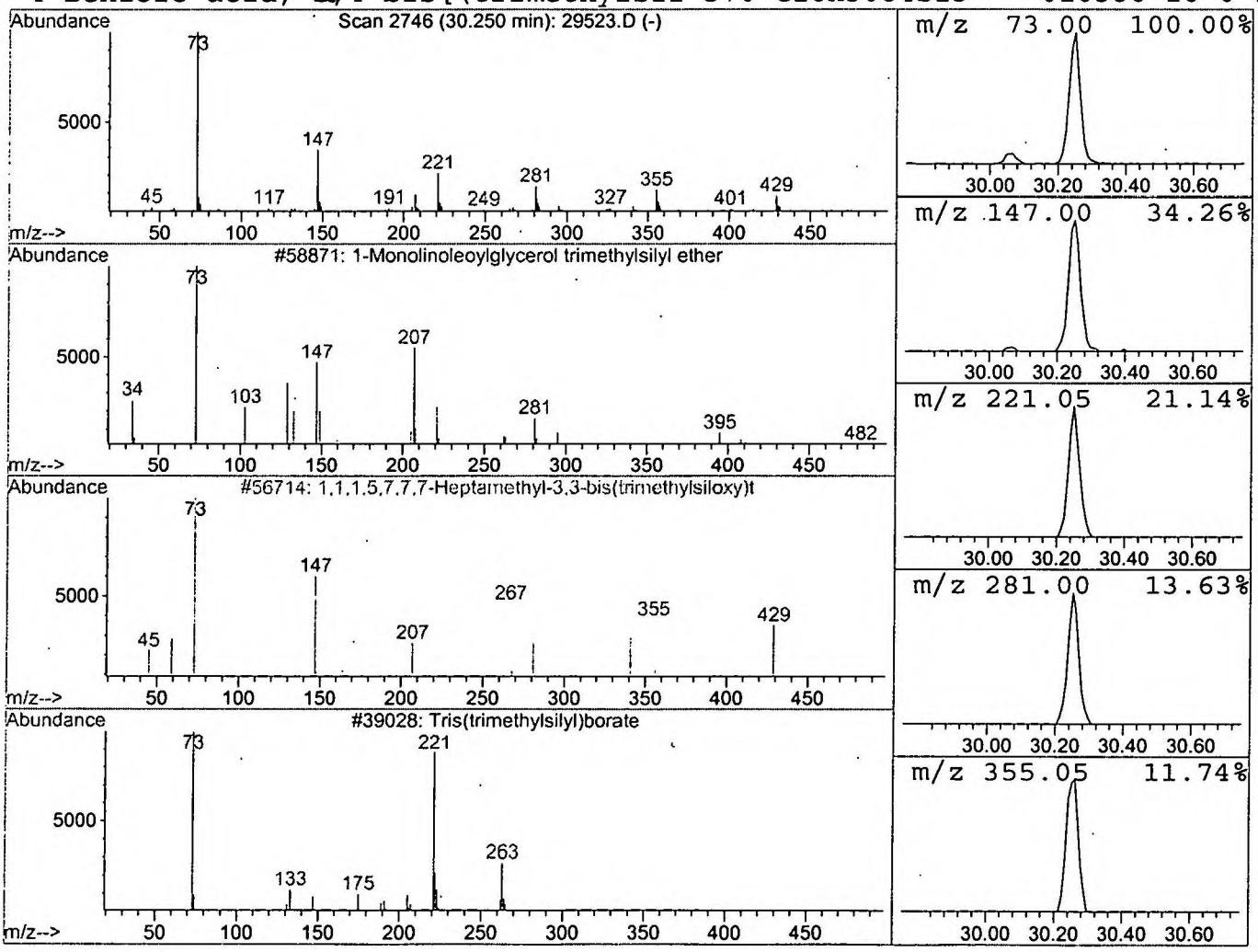
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 1-Monolinoleoylglycerol trimet Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.25	0.41 ug/l	184923	Chrysene-d12	33.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Monolinoleoylglycerol trimethylsi	498	C27H54O4Si2	054284-45-6	36
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	23
3	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	12
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Dec 2001 12:10 am
Data File: C:\HPCHEM\1\DATA\DEC2701\29523.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
1,3-Dioxolane, 2-met	7.61	2.7	ug/l	1343280	ISTD01	11.68	9891930	20.0
Cyclotetrasiloxane,	11.13	0.7	ug/l	351051	ISTD01	11.68	9891930	20.0
Benzoic acid, 2,5-bi	14.30	1.5	ug/l	931832	ISTD02	15.29	12163200	20.0
Cyclohexasiloxane, d	17.45	2.3	ug/l	1409540	ISTD02	15.29	12163200	20.0
3-Isopropoxy-1,1,1,7	20.27	1.5	ug/l	976746	ISTD03	20.57	12940600	20.0
Benzoic acid, 4-etho	21.04	0.5	ug/l	339768	ISTD03	20.57	12940600	20.0
N-(Trifluoroacetyl)-	22.79	1.0	ug/l	607357	ISTD04	24.99	12692300	20.0
3-Isopropoxy-1,1,1,7	26.89	0.4	ug/l	281102	ISTD04	24.99	12692300	20.0
1-Monolinoleoylglyce	30.25	0.4	ug/l	184923	ISTD05	33.03	9126240	20.0

29523.D GCMS1126.M Tue Jan 08 12:10:00 2002