User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:22:29

Sample: AD29670
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:22 Ended: 1/28/02 11:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		5.0

Comments for Sample AD29670 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:19:30

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\JAN0302\29670.D Vial: 15
Acq On : 4 Jan 2002 12:13 am Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 1:02 2002 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	11.53	152	1456044	20.00	ug/l	-0.17
10) Naphthalene-d8	15.13	136	5560634	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.40	164	2675296	20.00	ug/l	-0.18
29) Phenanthrene-d10	24.81	188	3953832	20.00	ug/l	-0.18
38) Chrysene-d12	32.85	240	2292948	20.00	ug/l	-0.19
44) Perylene-d12	36.91	264	1342805	20.00	ug/l	-0.21
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	161920	3.72	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 74.40%			
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	12.93	77	421	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	15.17	128	3440	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.05	165	493	N.D.		
25) Diethylphthalate	21.91	149	1026	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)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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	24.87	178	1246	N.D.	
34)	Anthracene	24.87	178	1246	N.D.	
35)	Di-n-butylphthalate	26.82	149	31341	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.32	149	217	N.D.	
41)	Benzo(a)anthracene	32.85	228	5613	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	5312	N.D.	
43)	Chrysene	32.85	228	5613	N.D.	
45)	Di-n-Octylphthalate	34.87	149	528	N.D.	
46)	Benzo(b)fluoranthene	35.88	252	1289	N.D.	
47)	Benzo(k)fluoranthene	35.94	252	1335	N.D.	
48)	Benzo(a)pyrene	36.74	252	596	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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Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 4 1:02 2002

Vial: 15
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Inst : GC/MS 209
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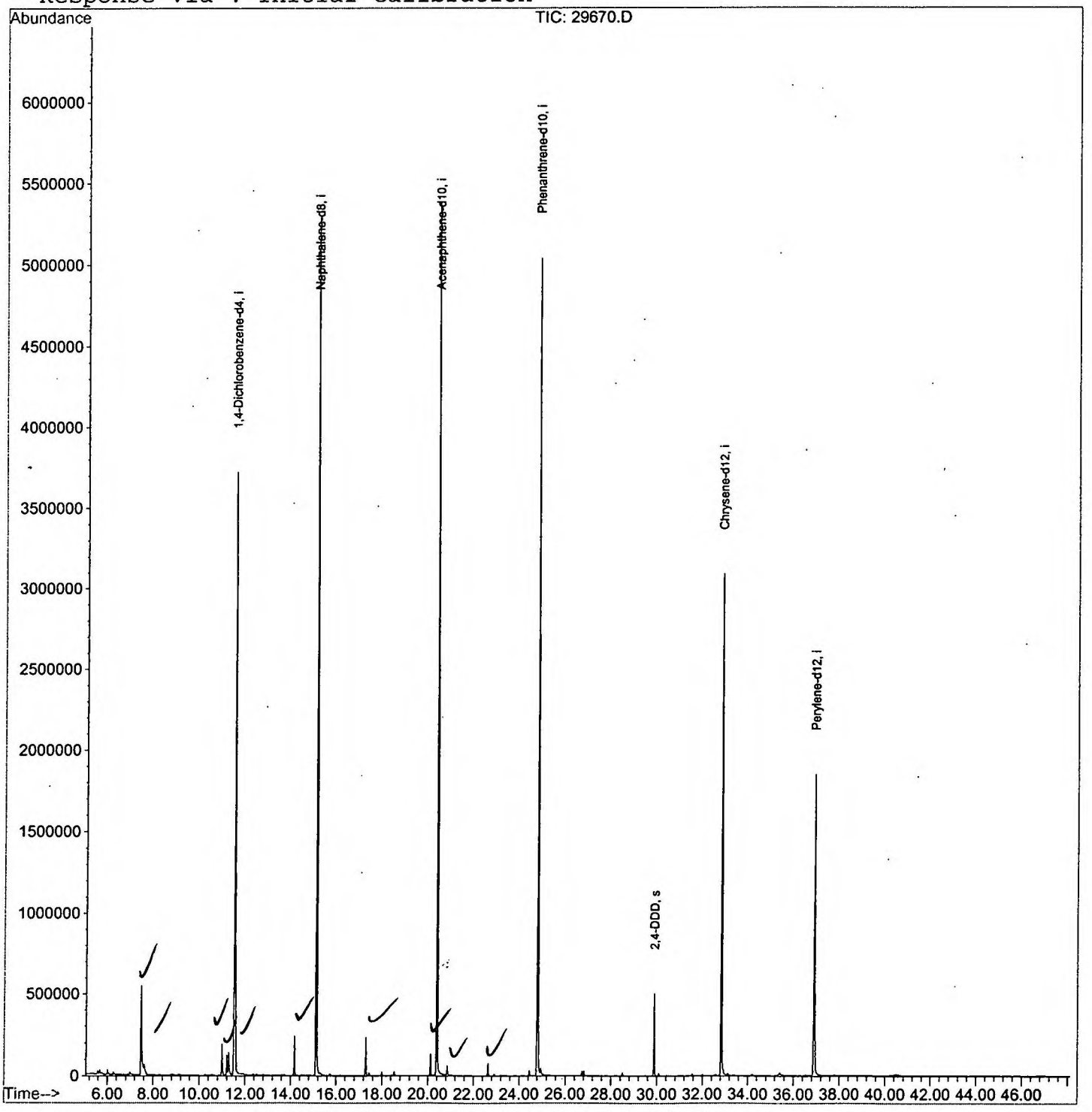


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29670.D Vial: 15
Acq On : 4 Jan 2002 12:13 am Operator: 209 GALOS
Sample : gcms 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

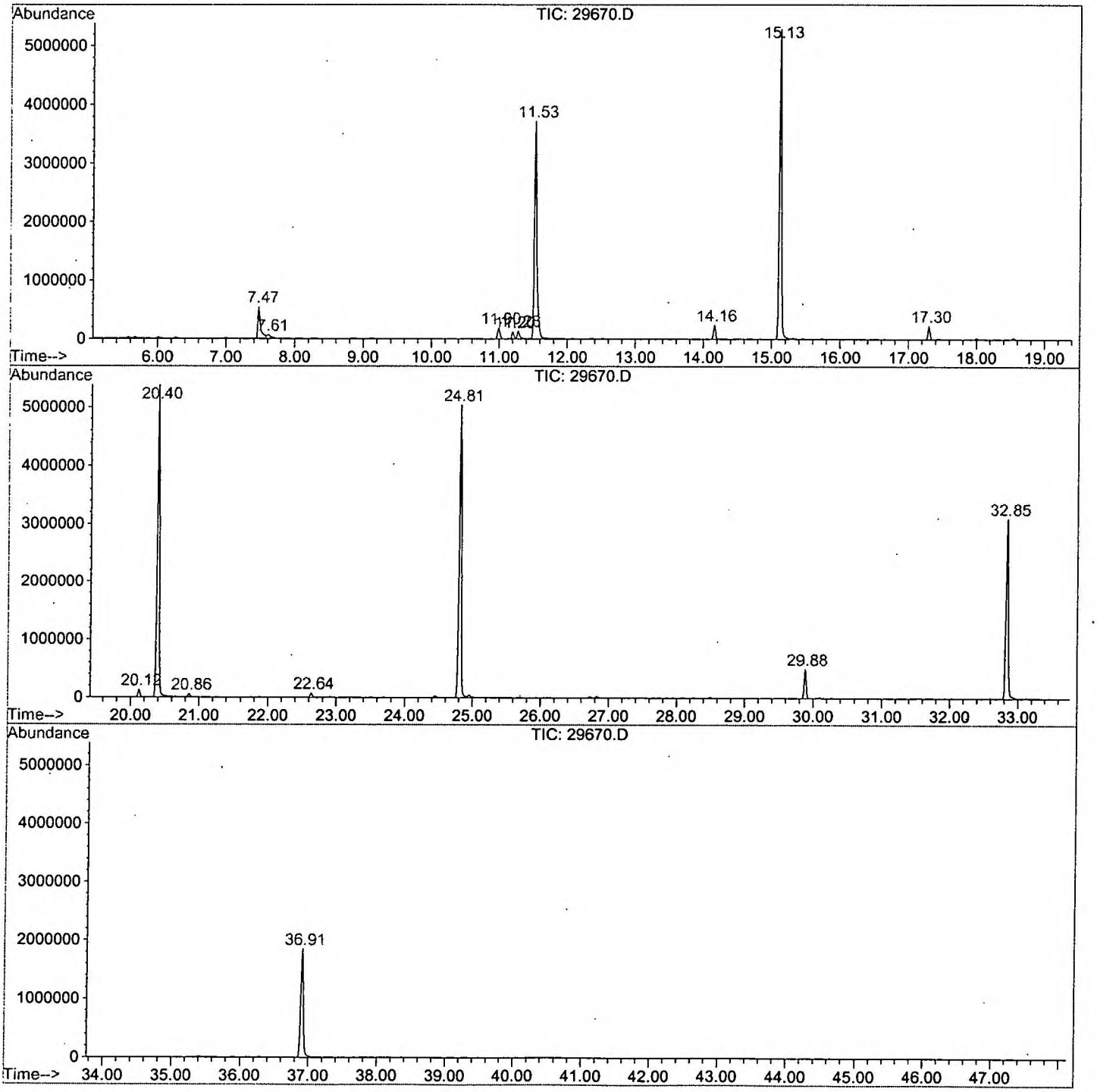
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.471	260	264	276	rBV	546035	1444091	12.41%	2.352%
2	7.609	276	279	297	rVB	66381	258300	2.22%	0.421%
3	10.997	642	648	657	rBV	191209	447407	3.84%	0.729%
4	11.198	667	670	675	rBV	118342	245427	2.11%	0.400%
5	11.281	675	679	693	rVB	137421	340087	2.92%	0.554%
6	11.529	699	706	723	rBV	3715822	9528707	81.87%	15.522%
7	14.164	983	993	998	rBV	241452	497134	4.27%	0.810%
8	15.128	1091	1098	1115	rBV	5285127	11346535	97.49%	18.483%
9	17.303	1328	1335	1340	rBV2	231109	455925	3.92%	0.743%
10	20.122	1633	1642	1648	rBV	132819	263340	2.26%	0.429%
11	20.397	1664	1672	1688	rBV	5384640	11638464	100.00%	18.959%
12	20.856	1718	1722	1733	rVB	57077	120079	1.03%	0.196%
13	22.637	1909	1916	1922	rBV	77528	152636	1.31%	0.249%
14	24.813	2146	2153	2165	rBV2	5041503	11169842	95.97%	18.195%
15	29.880	2700	2705	2712	rBV	503382	1016855	8.74%	1.656%
16	32.846	3020	3028	3042	rBV2	3092454	7431290	63.85%	12.105%
17	36.913	3462	3471	3491	rBV2	1847268	5032849	43.24%	8.198%

Sum of corrected areas: 61388968

29670.D GCMS1126.M Wed Jan 16 14:50:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29670.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 12:13 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 15
Quant File :GCMS1126.RES (RTE Integrator)



29670.D GCMS1126.M Wed Jan 16 14:50:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29670.D
Acq On : 4 Jan 2002 12:13 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

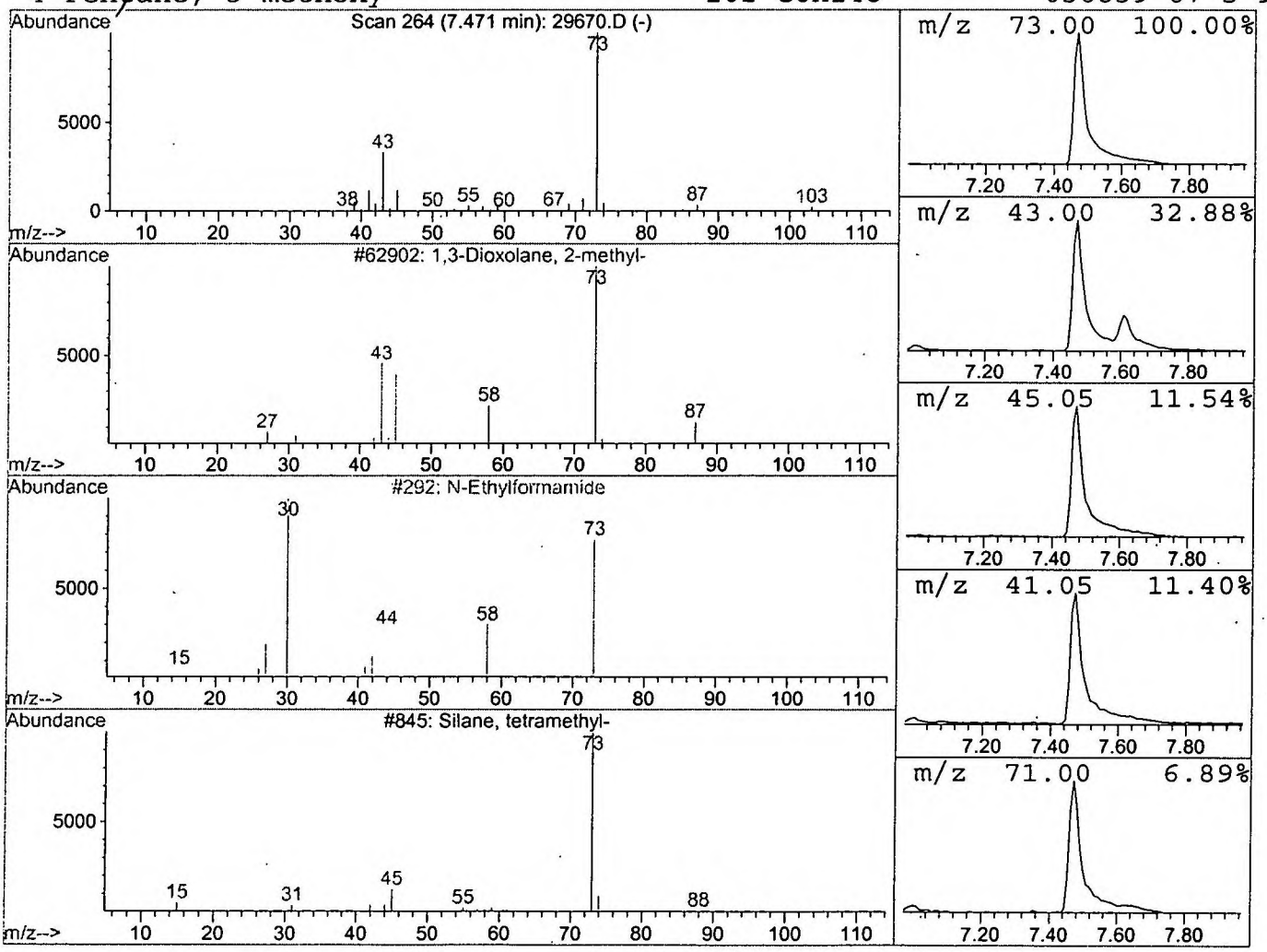
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.03 ug/l	1444090	1,4-Dichlorobenzene-d4	11.53

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

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Acq On : 4 Jan 2002 12:13 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

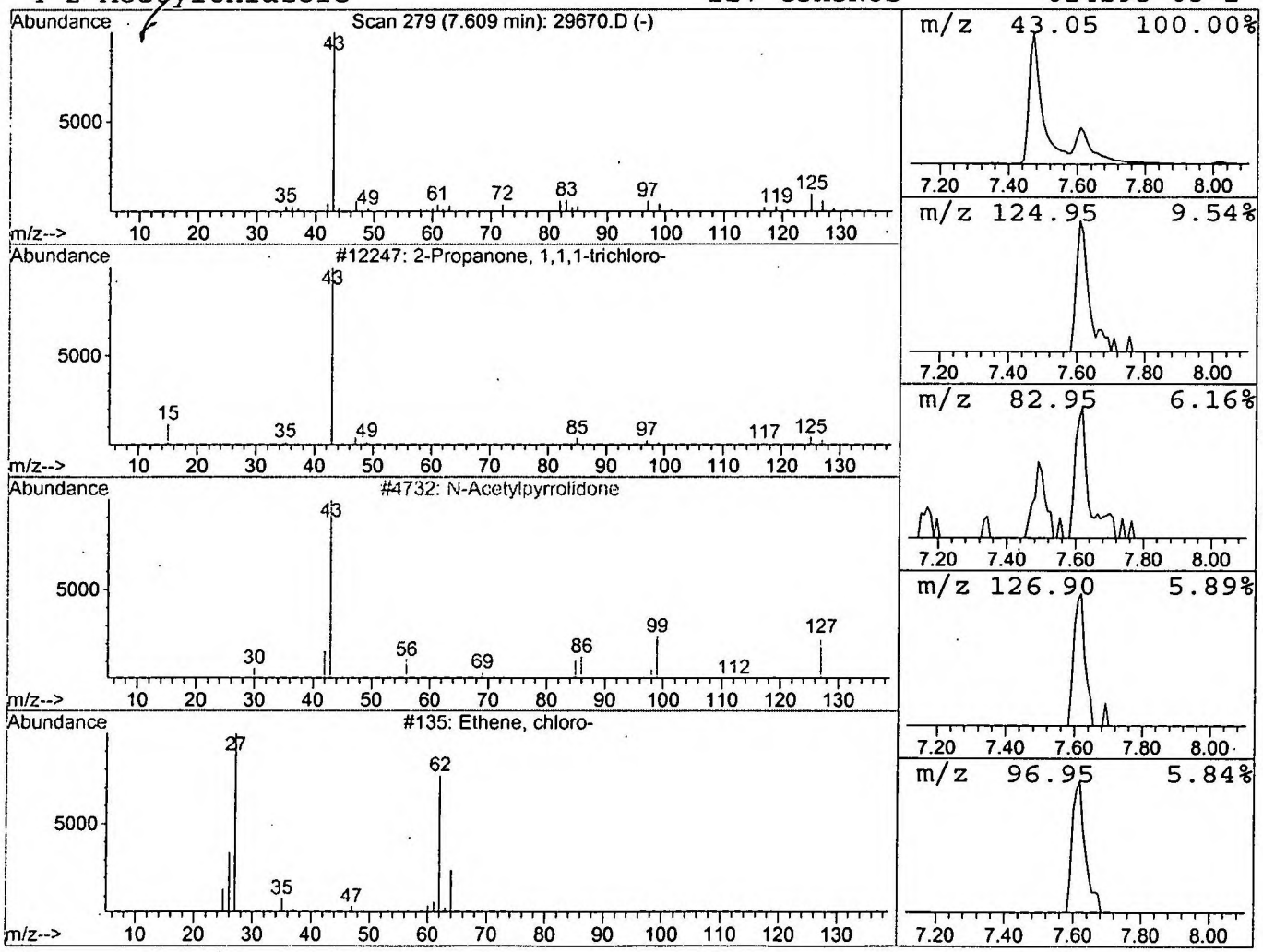
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	0.54 ug/l	258300	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29670.D
Acq On : 4 Jan 2002 12:13 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

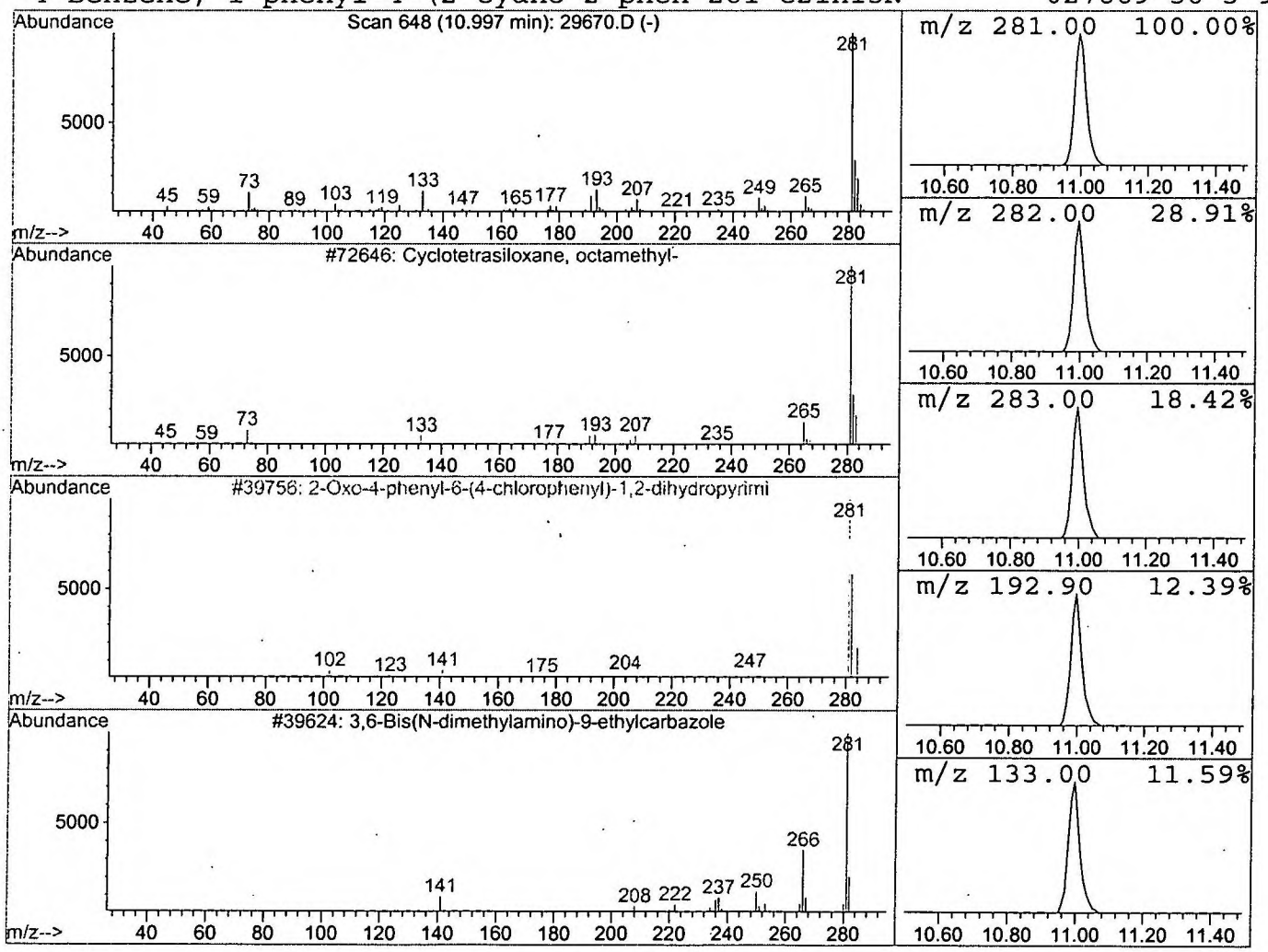
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	0.94 ug/l	447407	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	80
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



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Misc :
MS Integration Params: LSCINT.P

Vial: 15
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Inst : GC/MS 209
Multiplr: 1.00

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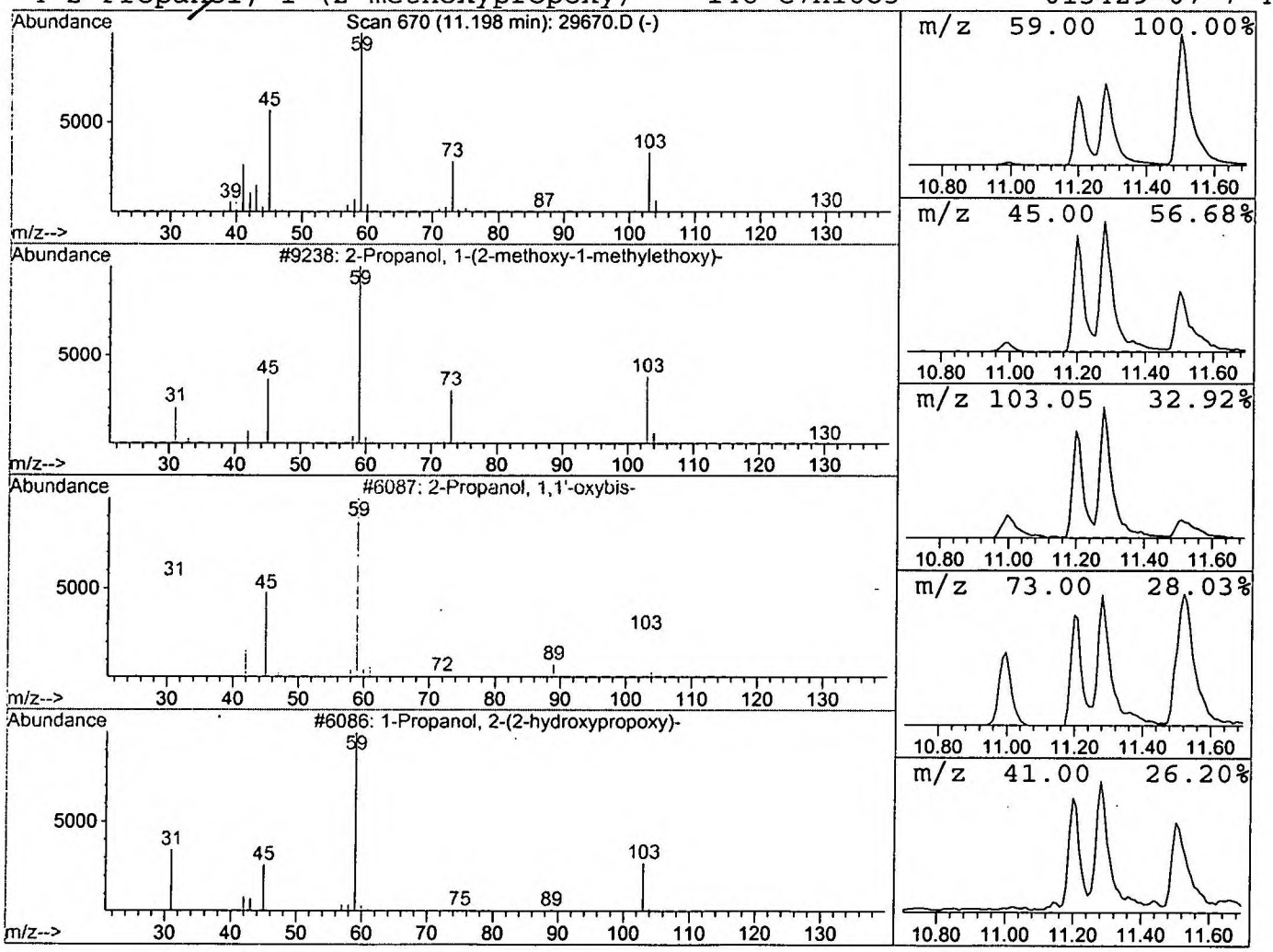
****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	0.52 ug/l	245427	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	40



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Acq On : 4 Jan, 2002 12:13 am
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 15
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
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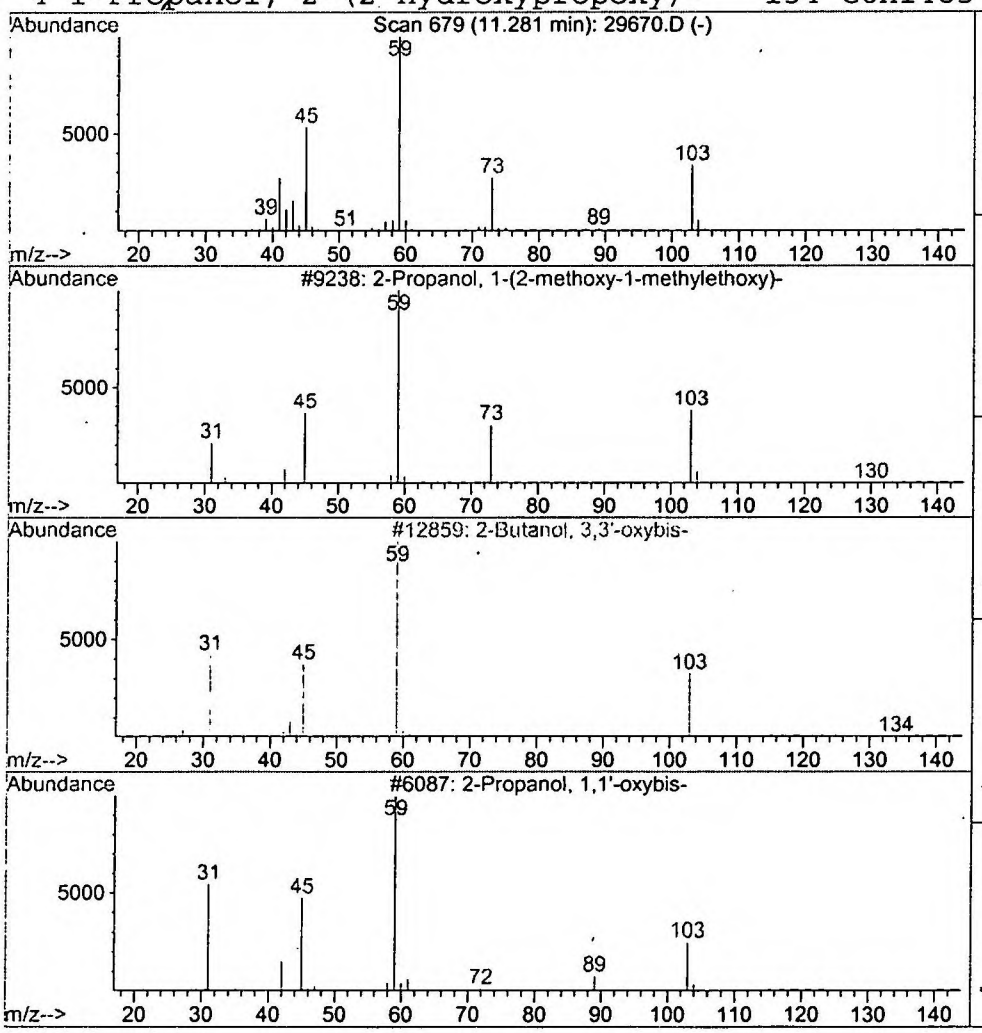
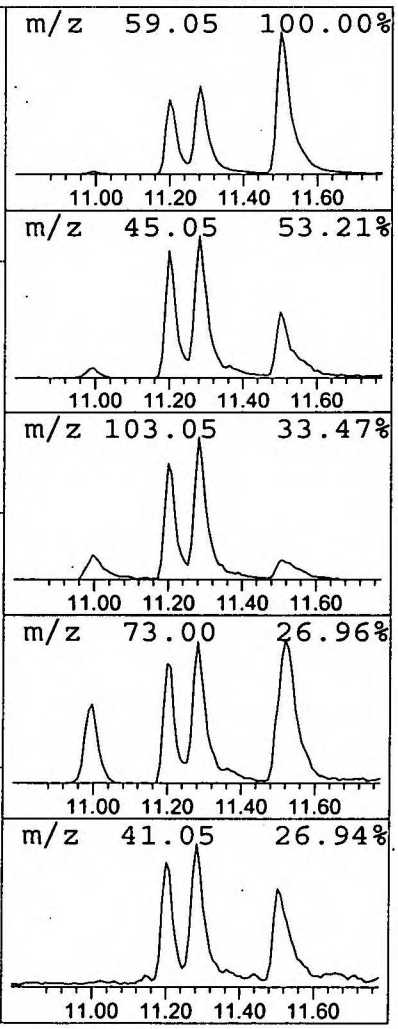
****

Peak Number 5 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	0.71 ug/l	340087	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





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Multiplr: 1.00

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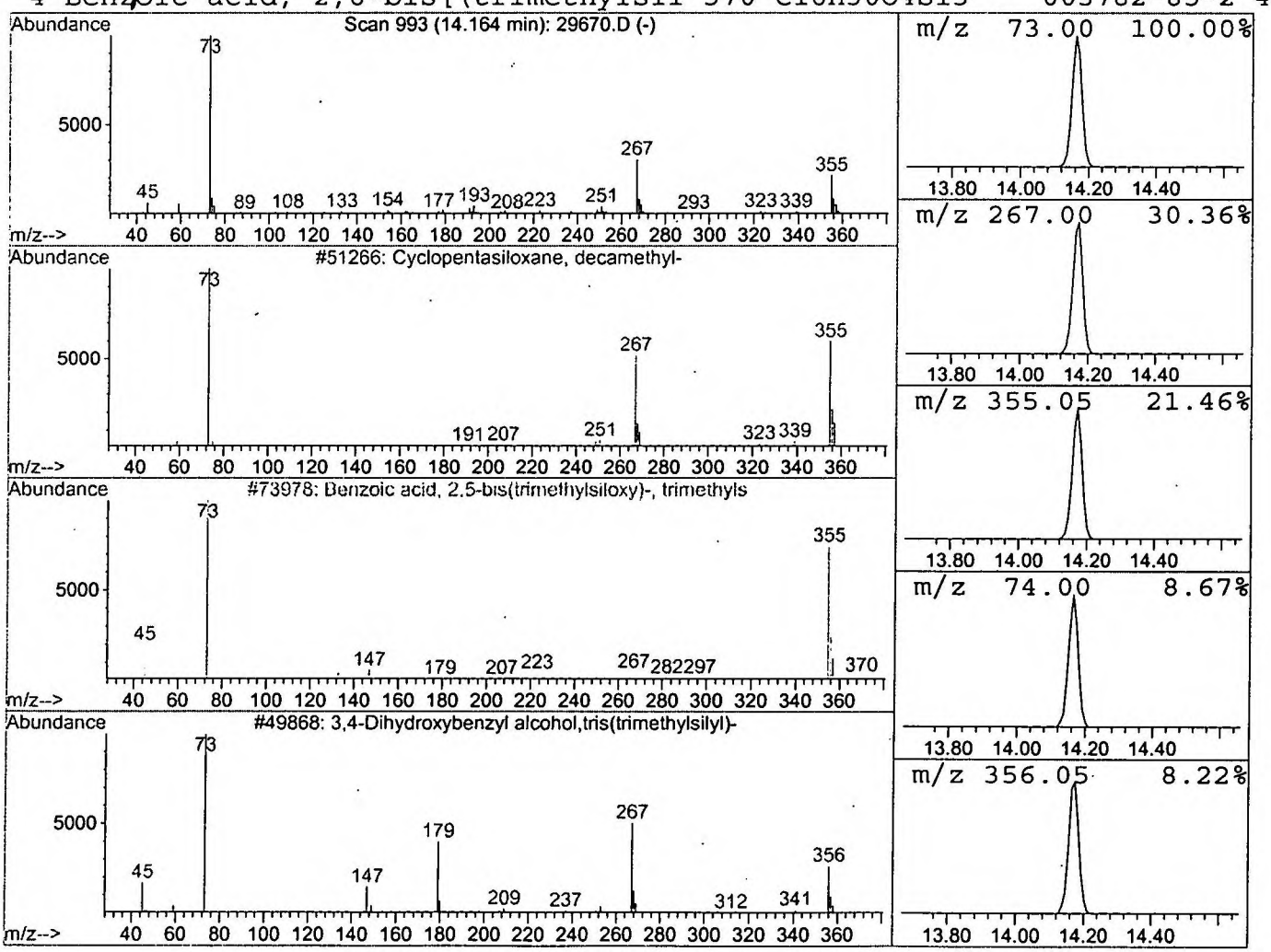
****

Peak Number 6 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	0.88 ug/l	497134	Naphthalene-d8	15.13

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, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40



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Multiplr: 1.00

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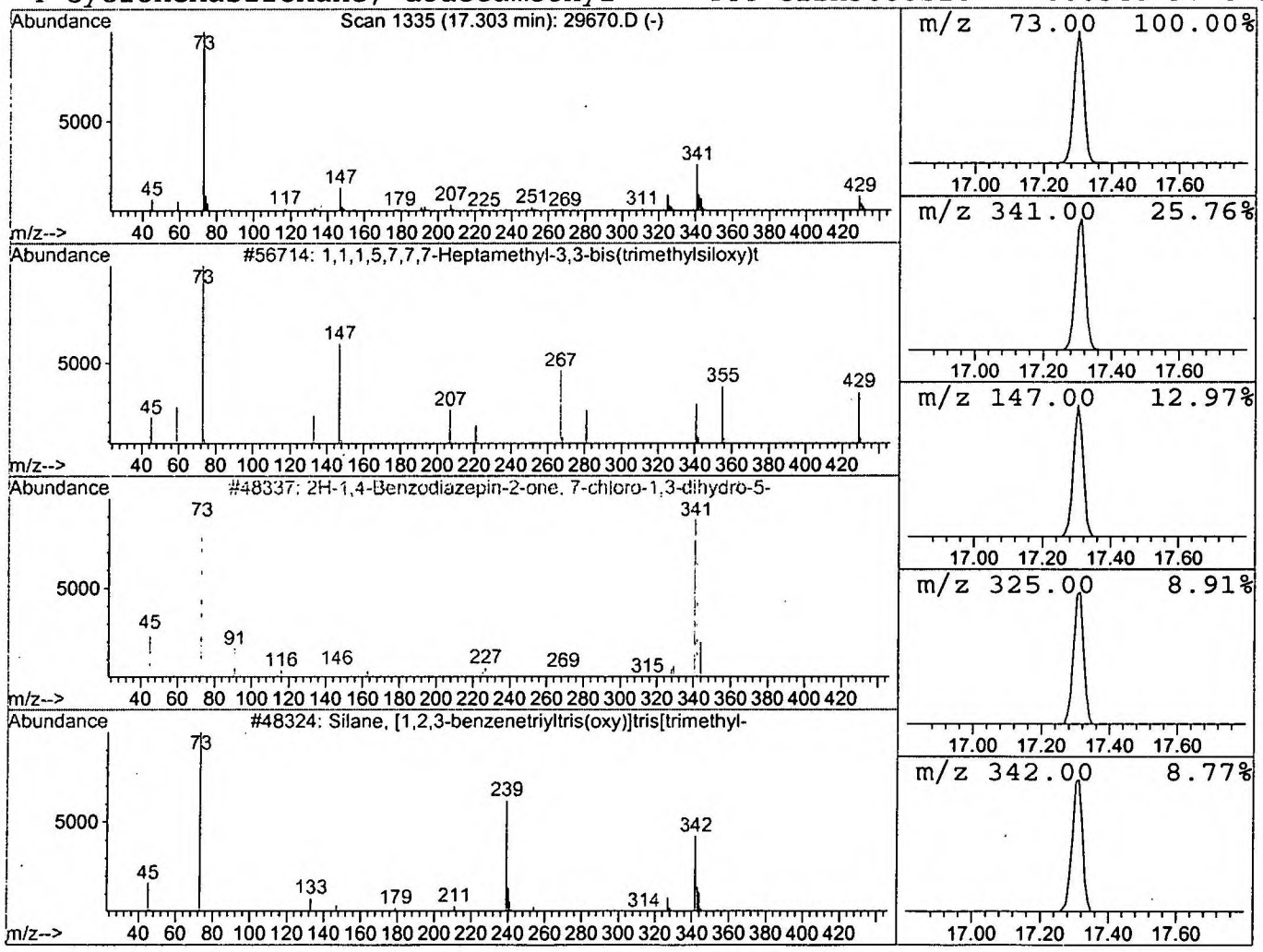
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.30	0.80 ug/l	455925	Naphthalene-d8	15.13

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	12
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	10



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Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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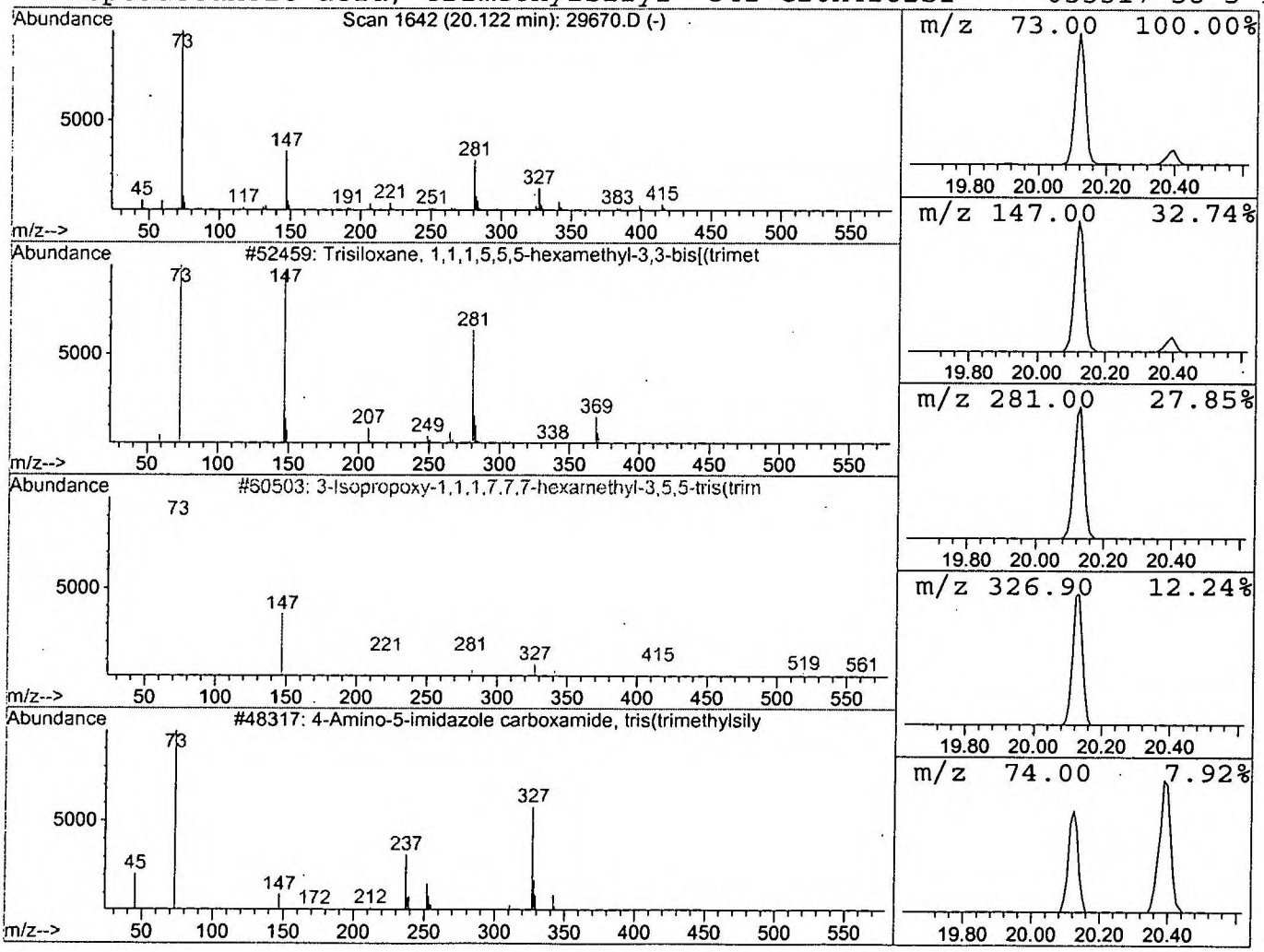
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	0.45 ug/l	263340	Acenaphthene-d10	20.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	53
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	14
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	12



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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

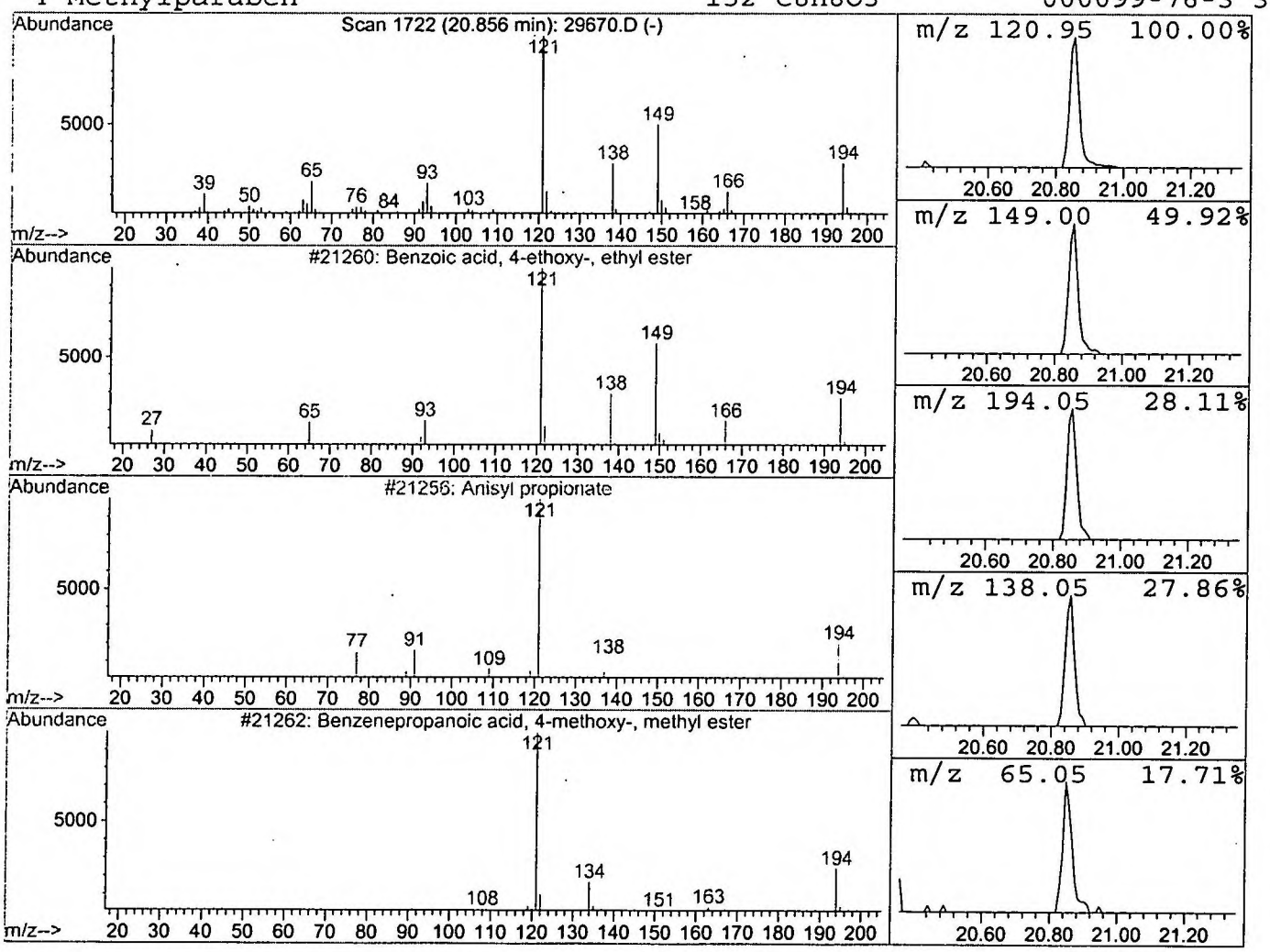
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 Benzoic acid, 4-ethoxy-, ethyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	0.21 ug/l	120079	Acenaphthene-d10	20.40

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	47
3	Benzenepropanoic acid, 4-methoxy-,	194	C11H14O3	015823-04-8	43
4	Methylparaben	152	C8H8O3	000099-76-3	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29670.D Vial: 15
Acq On : 4 Jan 2002 12:13 am Operator: 209 GALOS
Sample : gcms 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

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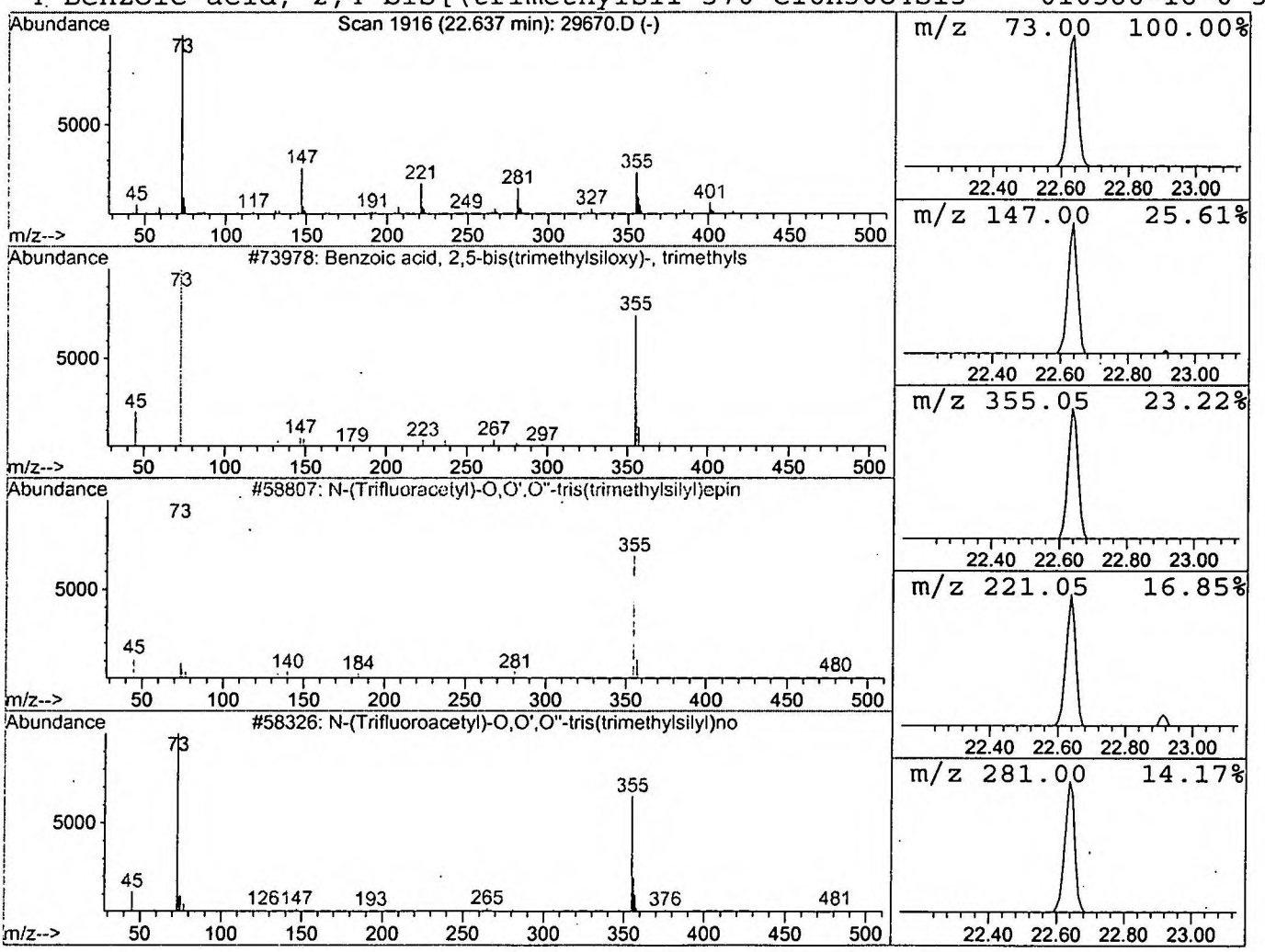
Peak Number 10 Benzoic acid, 2,5-bis(trimethy Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.27 ug/l	152636	Phenanthrene-d10	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	43
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	37
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	32



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 12:13 am
Data File: C:\HPCHEM\1\DATA\JAN0302\29670.D
Name: gcms 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	7.47	3.0	ug/l	1444090	ISTD01	11.53	9528710	20.0
2-Propanone, 1,1,1-t	7.61	0.5	ug/l	258300	ISTD01	11.53	9528710	20.0
Cyclotetrasiloxane,	11.00	0.9	ug/l	447407	ISTD01	11.53	9528710	20.0
2-Propanol, 1-(2-met	11.20	0.5	ug/l	245427	ISTD01	11.53	9528710	20.0
2-Propanol, 1-(2-met	11.28	0.7	ug/l	340087	ISTD01	11.53	9528710	20.0
Cyclopentasiloxane,	14.16	0.9	ug/l	497134	ISTD02	15.13	11346500	20.0
1,1,1,5,7,7,7-Heptam	17.30	0.8	ug/l	455925	ISTD02	15.13	11346500	20.0
Trisiloxane, 1,1,1,5	20.12	0.5	ug/l	263340	ISTD03	20.40	11638500	20.0
Benzoic acid, 4-etho	20.86	0.2	ug/l	120079	ISTD03	20.40	11638500	20.0
Benzoic acid, 2,5-bi	22.64	0.3	ug/l	152636	ISTD04	24.81	11169800	20.0

29670.D GCMS1126.M Wed Jan 16 14:51:11 2002