User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 08:46:17

Sample: AD30355
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/10/02 08:45 Ended: 1/10/02 08:45 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AD30355 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-10-2002 Time: 08:47:25

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D Vial: 7
Acq On : 27 Dec 2001 5:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 18:48 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 14 12:19:30 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	829824	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3207490	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1626382	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	2307681	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1291799	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	779096	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	133811	4.01	ug/mL	0.00
Spiked Amount 5.000			Recovery = 80.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	2131	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	15.34	128	1509	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	21.11	165	289	N.D.		
25) Diethylphthalate	22.12	149	1560	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\DEC2701\30355.D Vial: 7
Acq On : 27 Dec 2001 5:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 18:48 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 14 12:19:30 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	25.04	178	330	N.D.	
34)	Anthracene	25.04	178	330	N.D.	
35)	Di-n-butylphthalate	27.02	149	75620	0.46 ug/l #	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.74	149	268	N.D.	
41)	Benzo(a)anthracene	33.02	228	3158	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	7090	N.D.	
43)	Chrysene	33.02	228	3158	N.D.	
45)	Di-n-Octylphthalate	35.07	149	269	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	37.12	252	3314	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

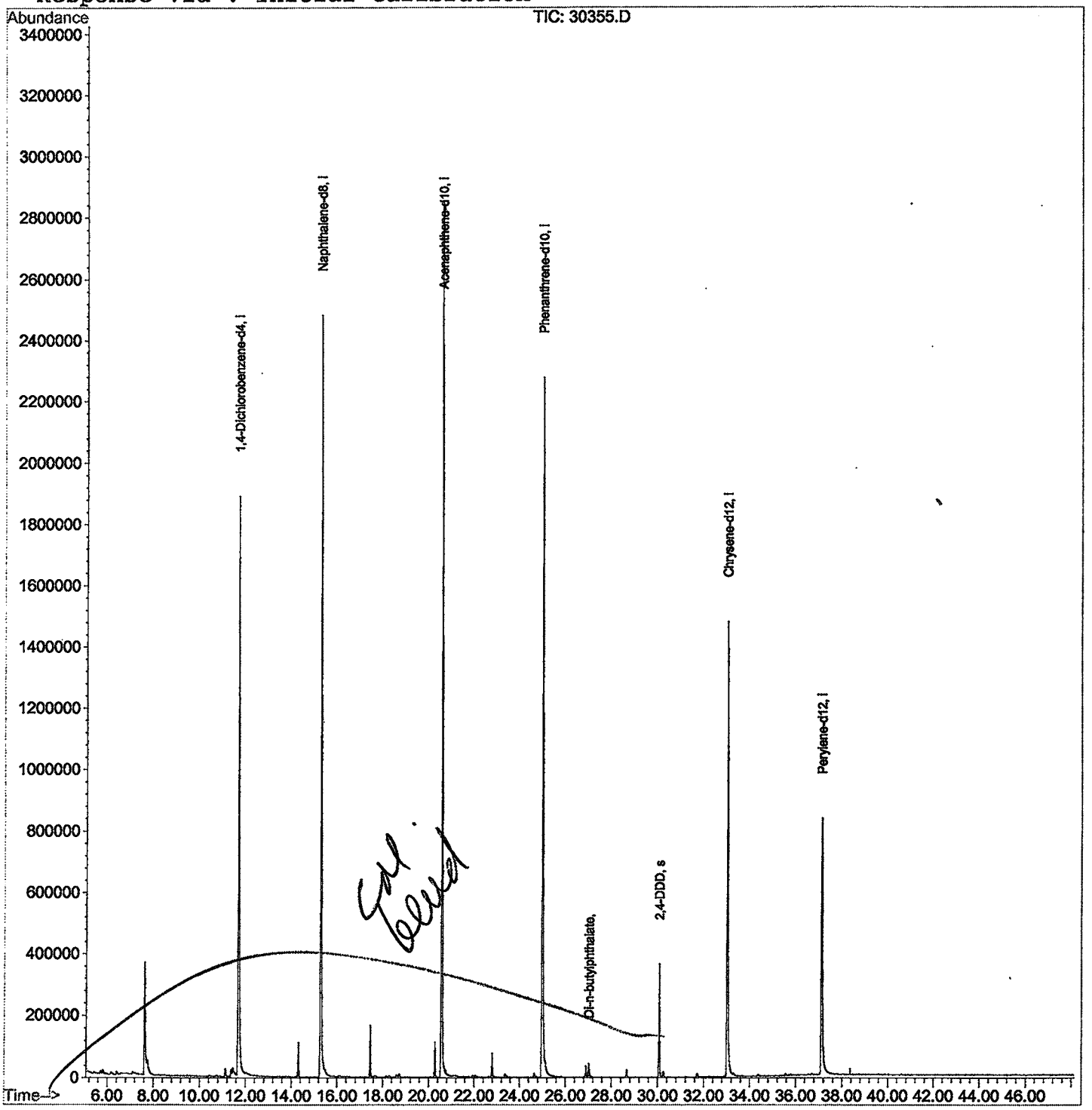
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 27 18:48 2001

Vial: 7
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\30355.D Vial: 7
Acq On : 27 Dec 2001 5:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 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

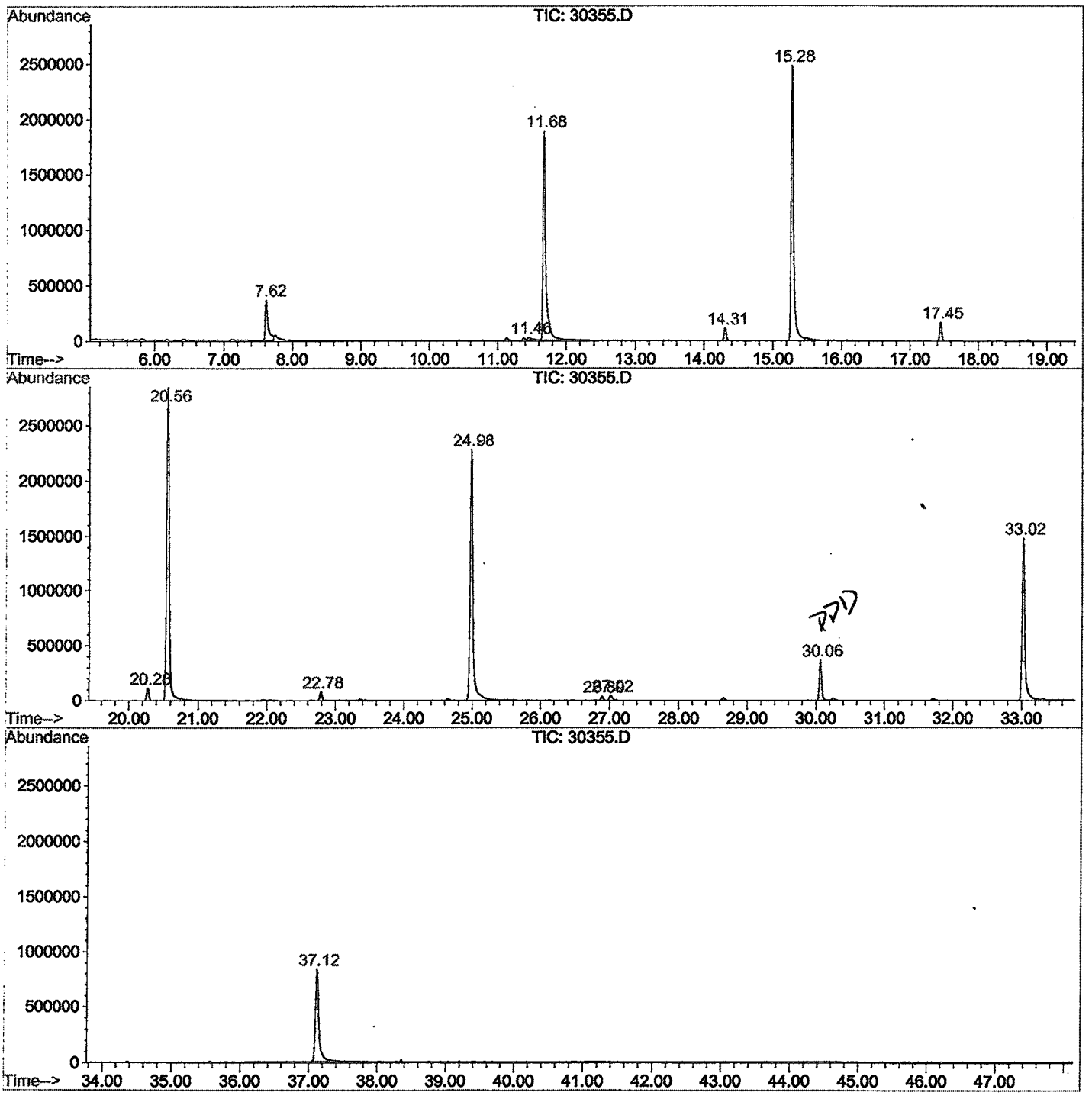
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.619	275	280	292	rBV	363368	1047101	14.75%	2.955%
2	11.456	694	698	712	rVB	24314	112940	1.59%	0.319%
3	11.677	717	722	749	rBV	1884802	5244127	73.90%	14.797%
4	14.311	1003	1009	1015	rBV	111375	238619	3.36%	0.673%
5	15.275	1109	1114	1135	rBV	2481611	6396137	90.13%	18.048%
6	17.451	1345	1351	1361	rVB2	167775	346263	4.88%	0.977%
7	20.278	1653	1659	1665	rBV	113822	240423	3.39%	0.678%
8	20.563	1683	1690	1710	rBV	2852313	7096689	100.00%	20.025%
9	22.785	1927	1932	1937	rBV	77519	167134	2.36%	0.472%
10	24.979	2163	2171	2204	rBV2	2278240	6501252	91.61%	18.344%
11	26.888	2373	2379	2386	rVB	37021	80126	1.13%	0.226%
12	27.017	2386	2393	2405	rBV	45769	141009	1.99%	0.398%
13	30.065	2718	2725	2735	rBV	365217	825350	11.63%	2.329%
14	33.021	3039	3047	3068	rBV2	1479857	4170817	58.77%	11.769%
15	37.115	3486	3493	3514	rBV2	828904	2831817	39.90%	7.990%

Sum of corrected areas: 35439804

30355.D GCMS1126.M Wed Jan 02 10:55:16 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Operator : 209 GALOS
Acquired : 27 Dec 2001 5:59 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/13
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



30355.D GCMS1126.M Wed Jan 02 10:55:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

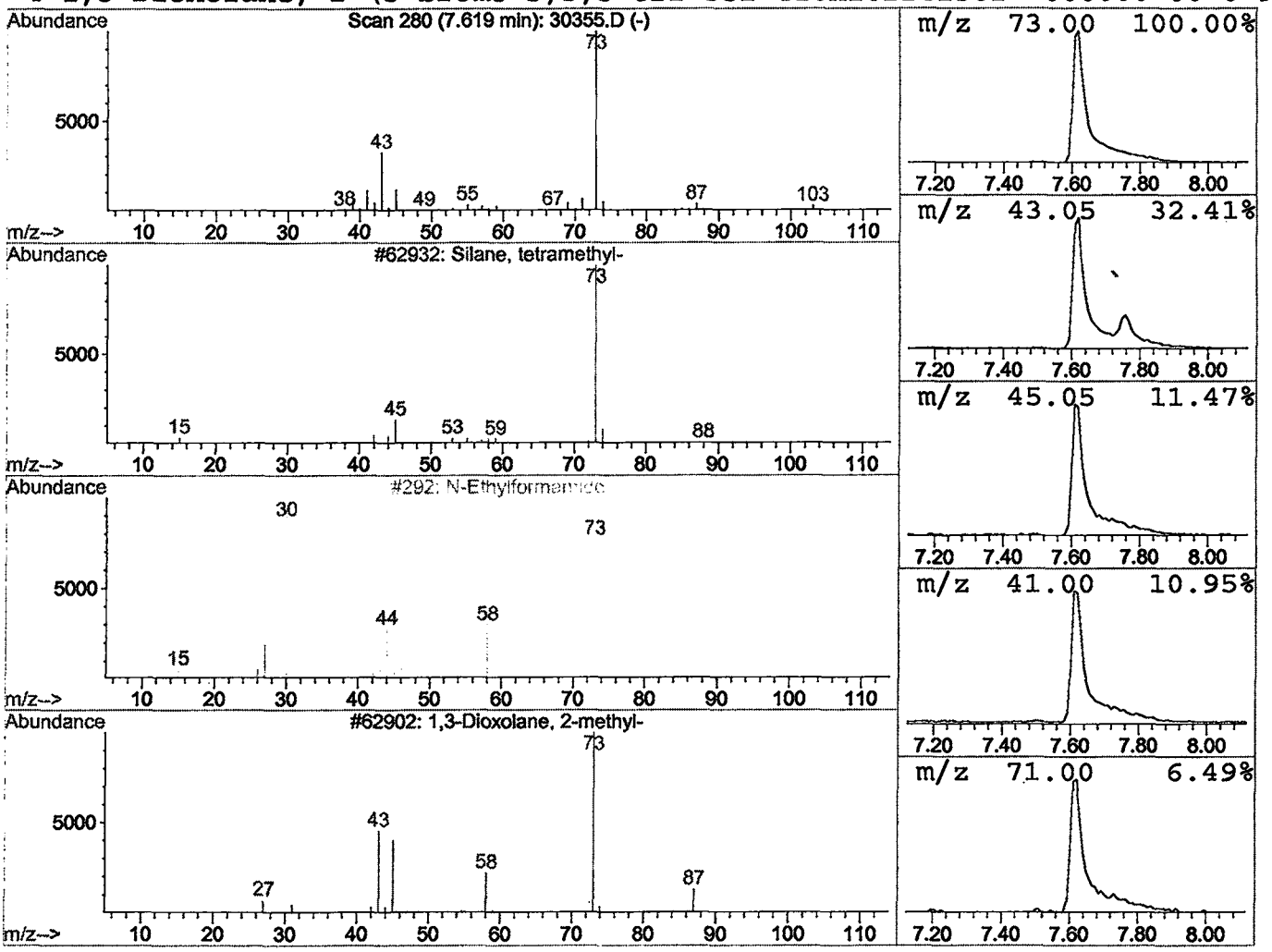
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.99 ug/l	1047100	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

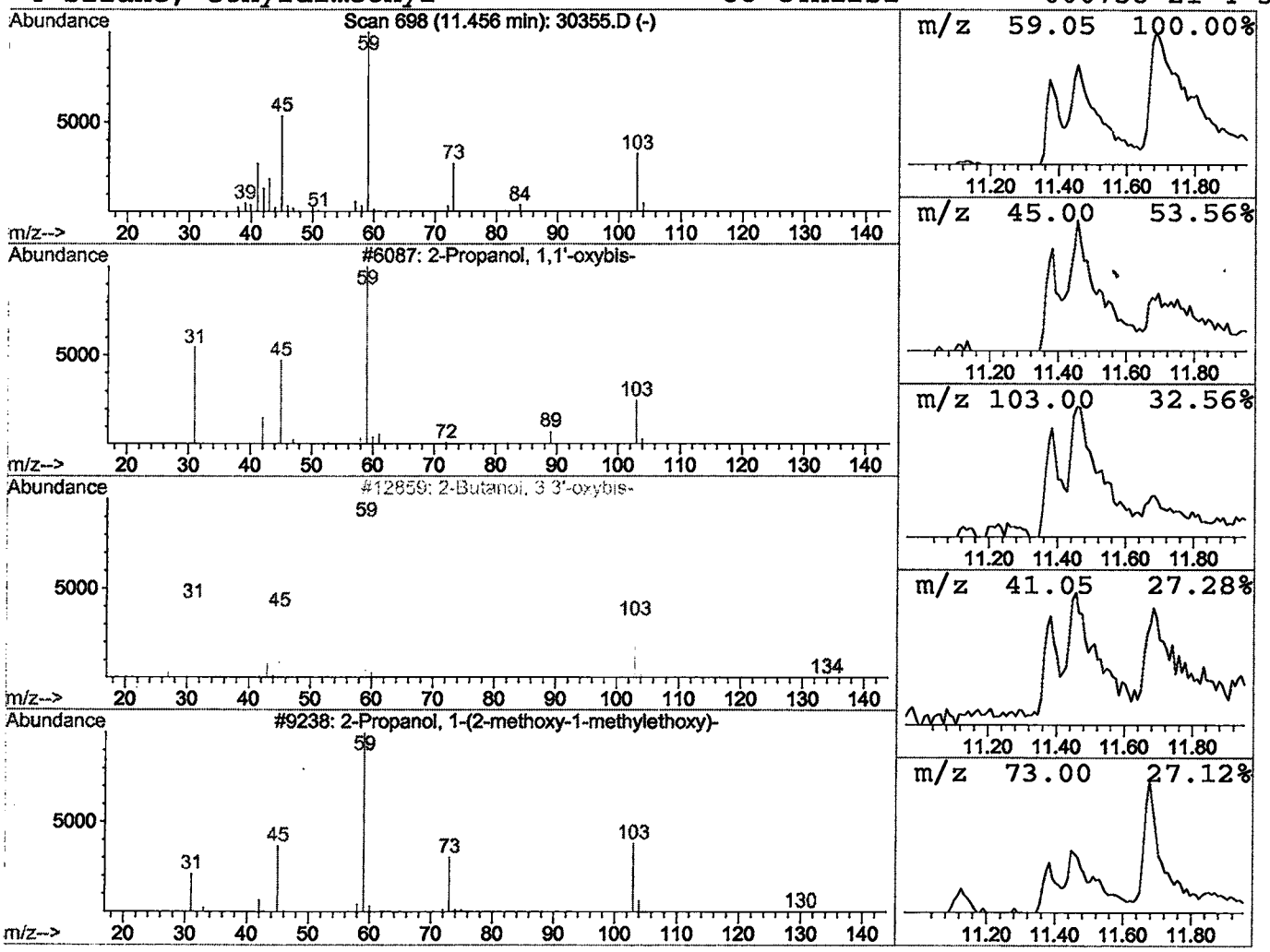
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanol, 1,1'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	0.43 ug/l	112940	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	45
3	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	39
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D Vial: 7
Acq On : 27 Dec 2001 5:59 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

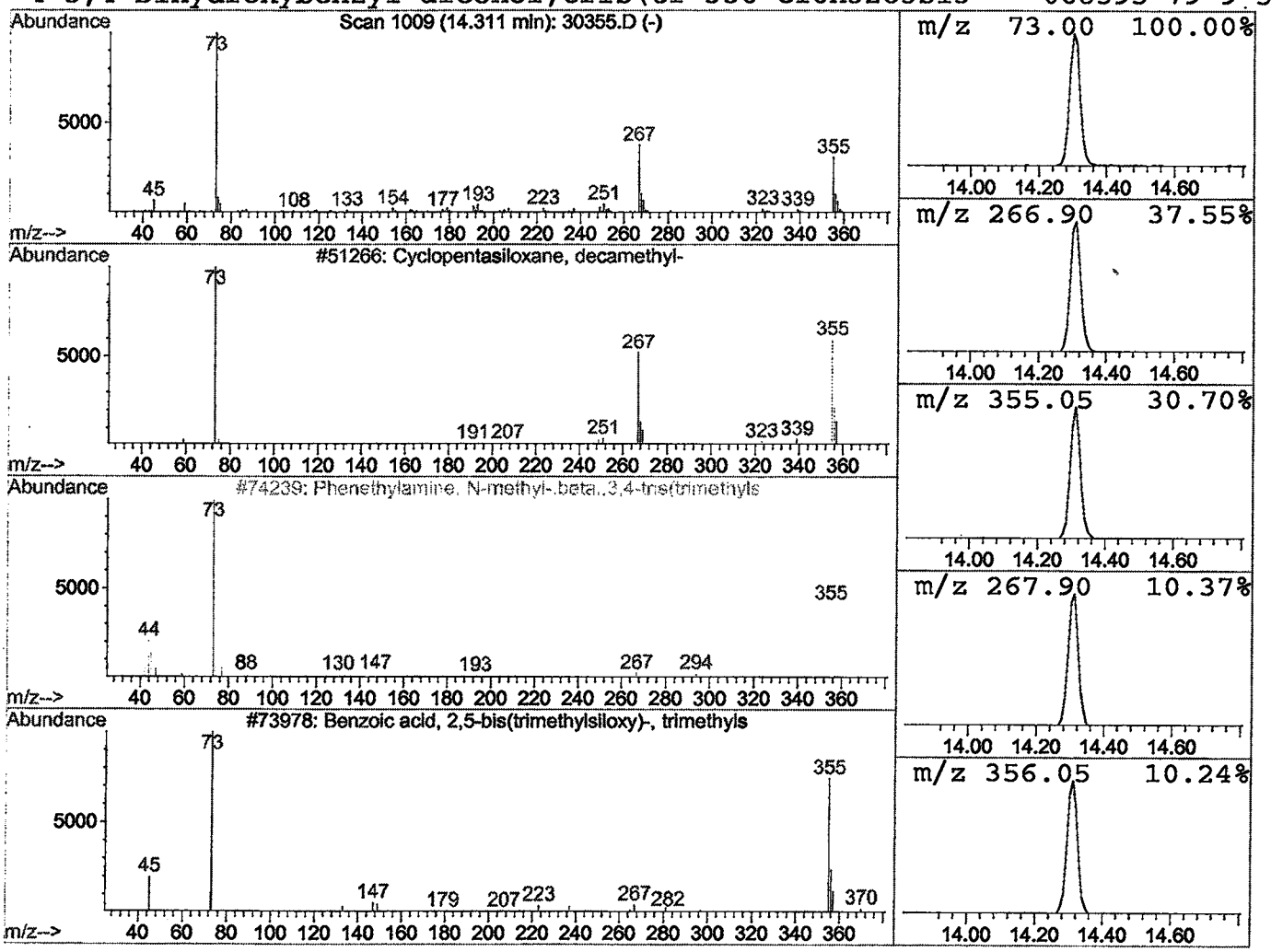
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.75 ug/l	238619	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	40
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	37
4	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

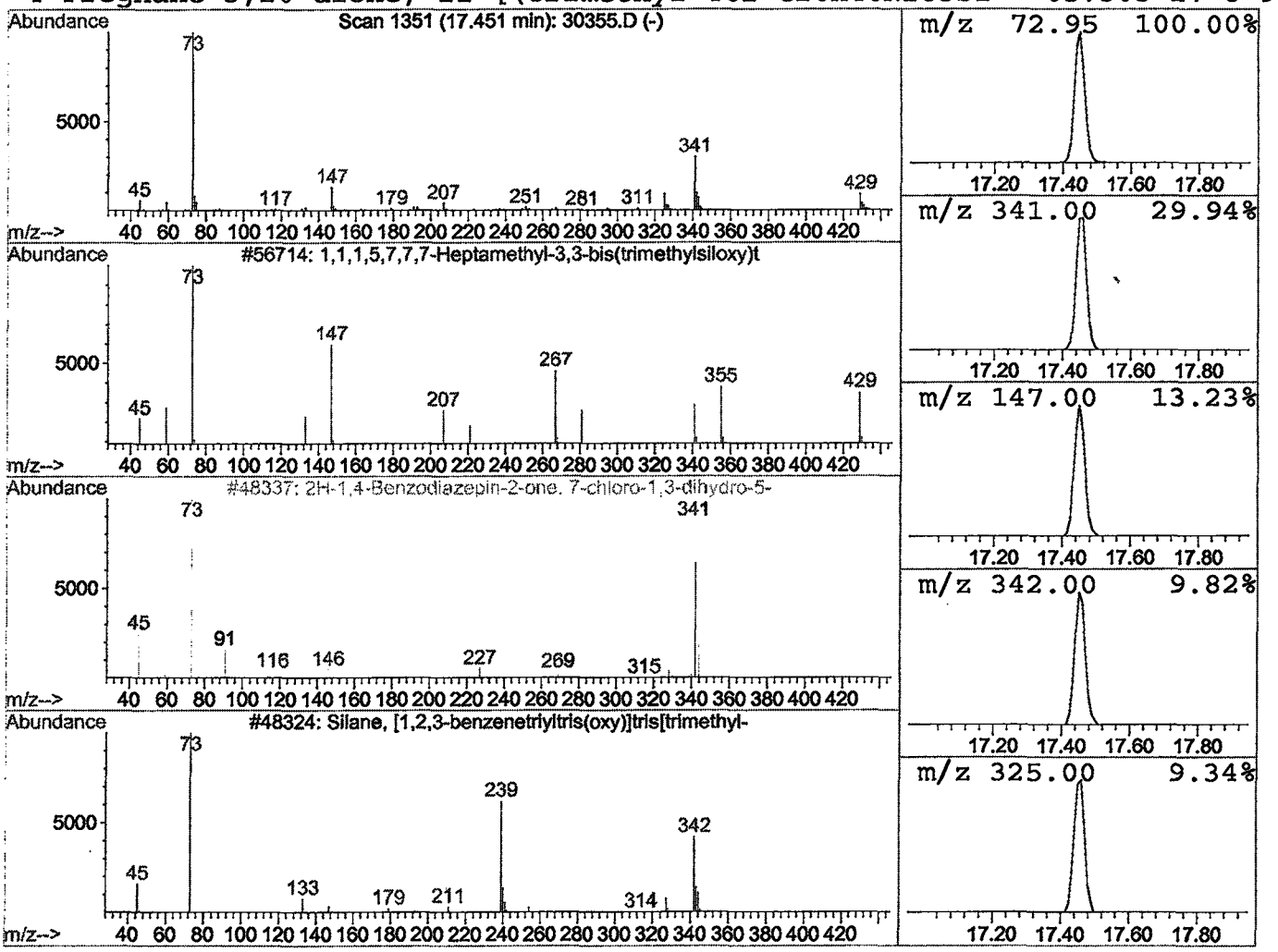
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 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	1.08 ug/l	346263	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	12
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10
4	Pregnane-3,20-dione, 11-[(trimethyl	462	C26H46N2O3Si	057305-27-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

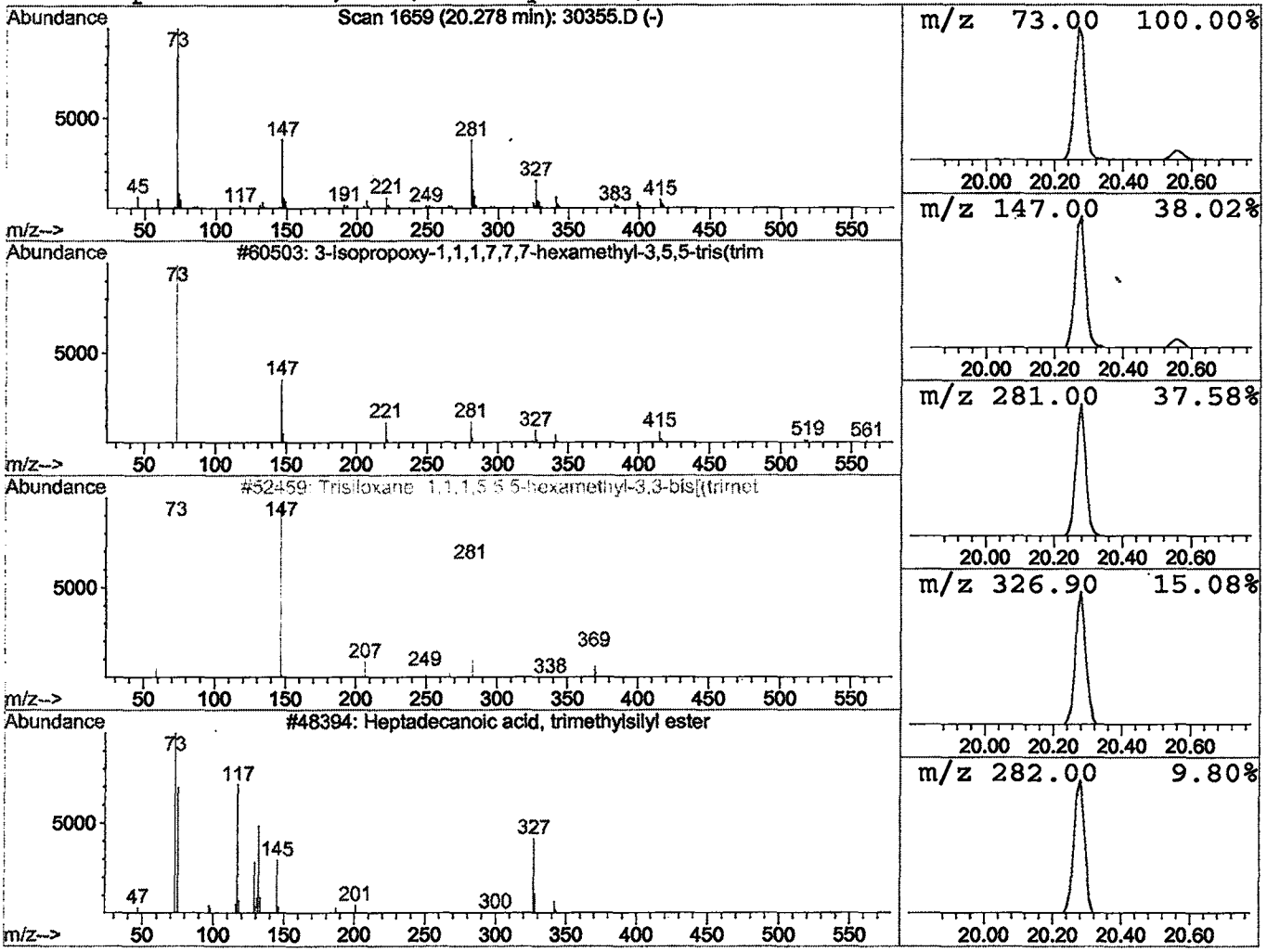
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.68 ug/l	240423	Acenaphthene-d10	20.56

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	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
3	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	9
4	Phosphoric acid, 2-(methoxyimino)-3	415	C13H34NO6PSi3	055319-85-2	8



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30355.D
Acq On : 27 Dec 2001 5:59 pm
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

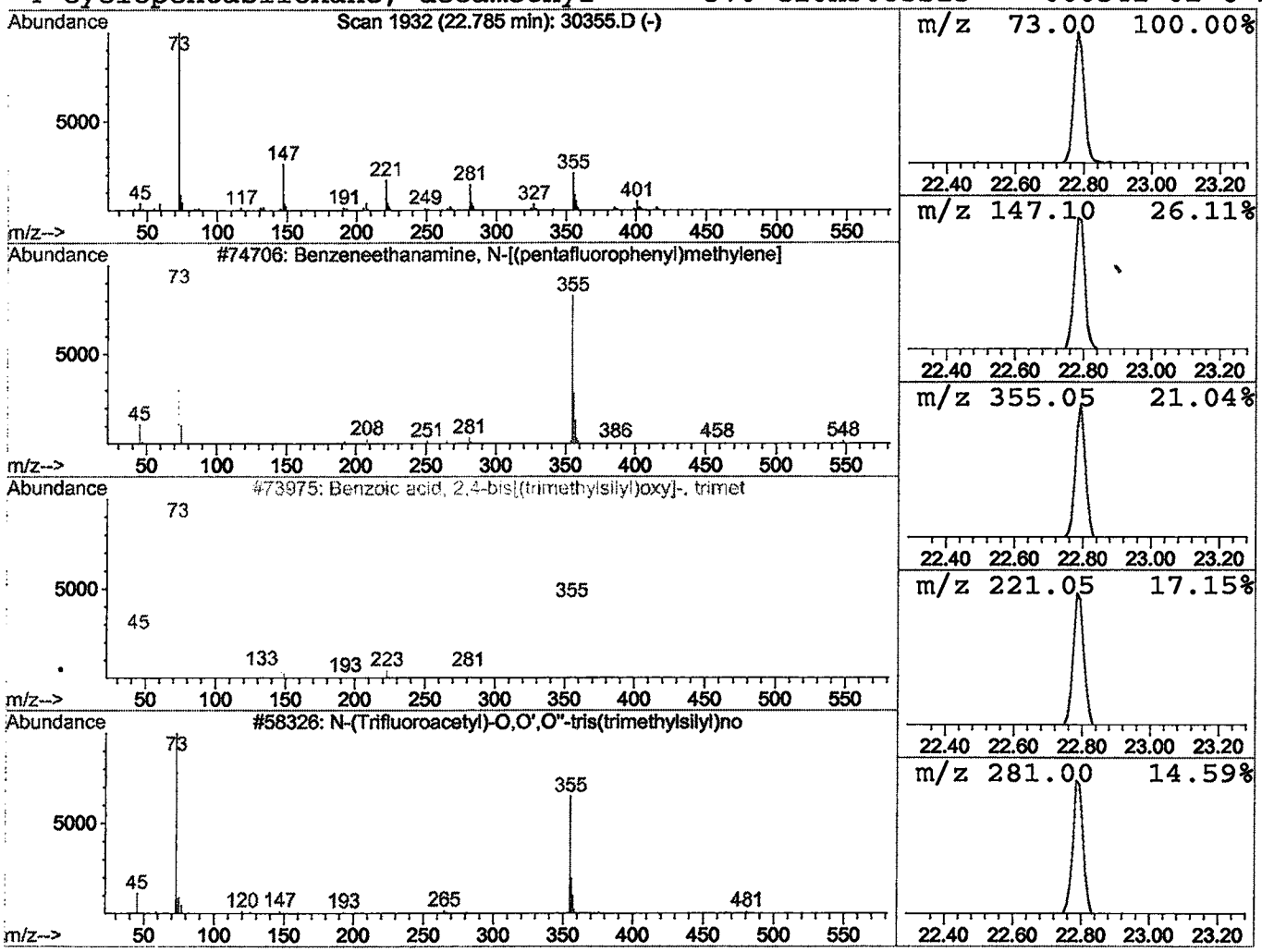
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Benzeneethanamine, N-[(pentafl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.78	0.51 ug/l	167134	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	43
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	37
4	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	25



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 27 Dec 2001 5:59 pm
Data File: C:\HPCHEM\1\DATA\DEC2701\30355.D
Name: GC/MS SCAN 12/13
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
Silane, tetramethyl-	7.62	4.0	ug/l	1047100	ISTD01	11.68	5244130	20.0
2-Propanol, 1,1'-oxy	11.46	0.4	ug/l	112940	ISTD01	11.68	5244130	20.0
Cyclopentasiloxane,	14.31	0.7	ug/l	238619	ISTD02	15.28	6396140	20.0
1,1,1,5,7,7,7-Heptam	17.45	1.1	ug/l	346263	ISTD02	15.28	6396140	20.0
3-Isopropoxy-1,1,1,7	20.28	0.7	ug/l	240423	ISTD03	20.56	7096690	20.0
Benzeneethanamine, N	22.78	0.5	ug/l	167134	ISTD04	24.98	6501250	20.0

30355.D GCMS1126.M Wed Jan 02 10:55:55 2002