User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 11:59:52

Sample: AD30601
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 11:59 Ended: 1/22/02 11:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AD30601 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 12:00:10

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\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 28 18:09 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	1280511	20.00	ug/l	-0.02
10) Naphthalene-d8	15.29	136	4917819	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2402273	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	3605868	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	2140001	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	1270395	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	148585	3.75	ug/mL	0.00
Spiked Amount 5.000			Recovery = 75.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.31	74	285	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	11.60	146	218	N.D.		
5) 1,4-Dichlorobenzene	11.71	146	518	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	15.33	128	2035	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	20.64	153	166	N.D.		
24) 2,4-Dinitrotoluene	21.26	165	508	N.D.		
25) Diethylphthalate	22.15	149	479	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\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 28 18:09 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

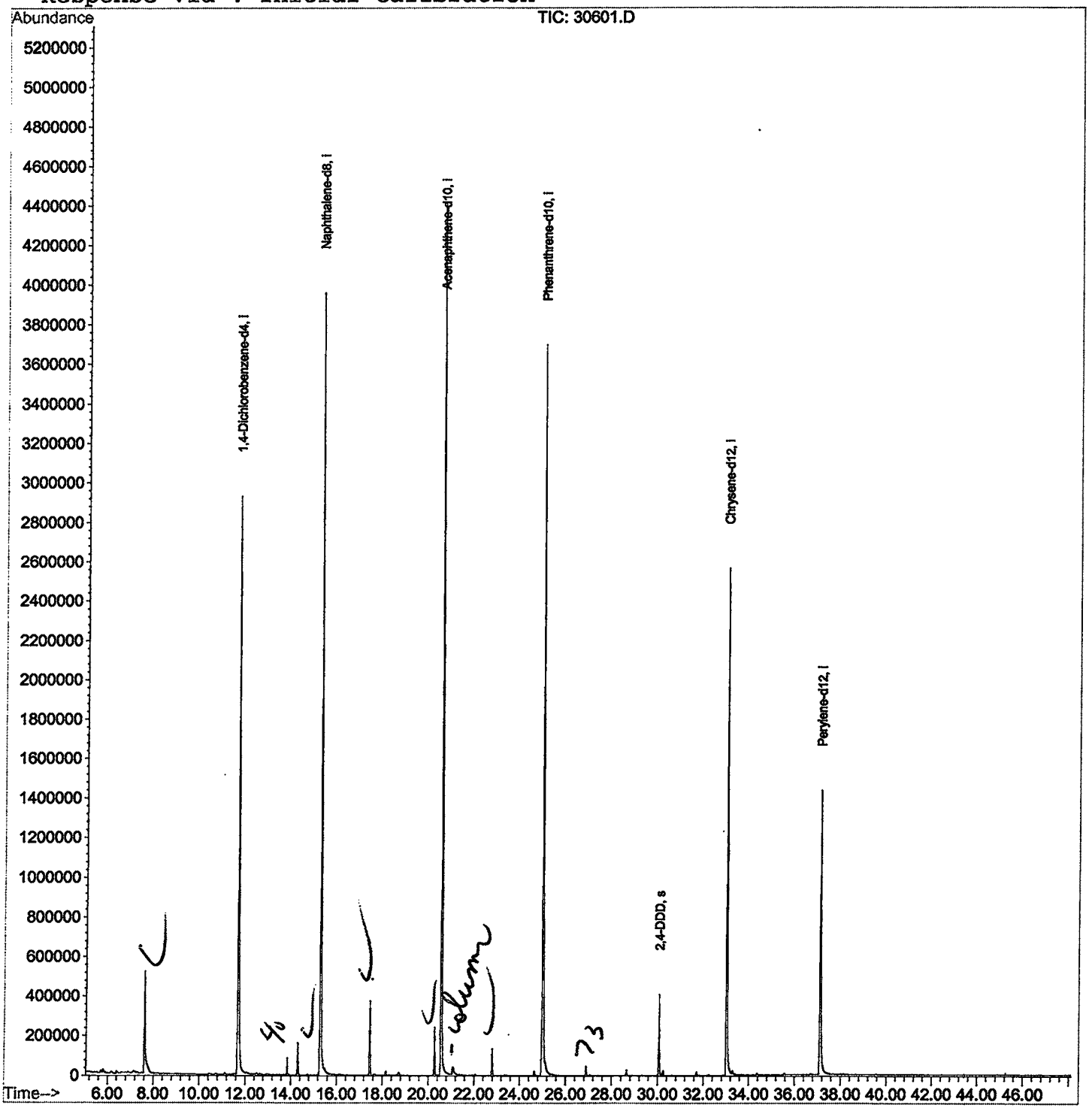
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.99	178	1992	N.D.	
34)	Anthracene	24.99	178	1992	N.D.	
35)	Di-n-butylphthalate	27.04	149	8184	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.72	149	235	N.D.	
41)	Benzo(a)anthracene	33.03	228	5452	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	9503	N.D.	
43)	Chrysene	33.03	228	5452	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	5287	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\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 28 18:09 2001 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 : M:\INSTRU~1\209\DATA\DEC2701\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

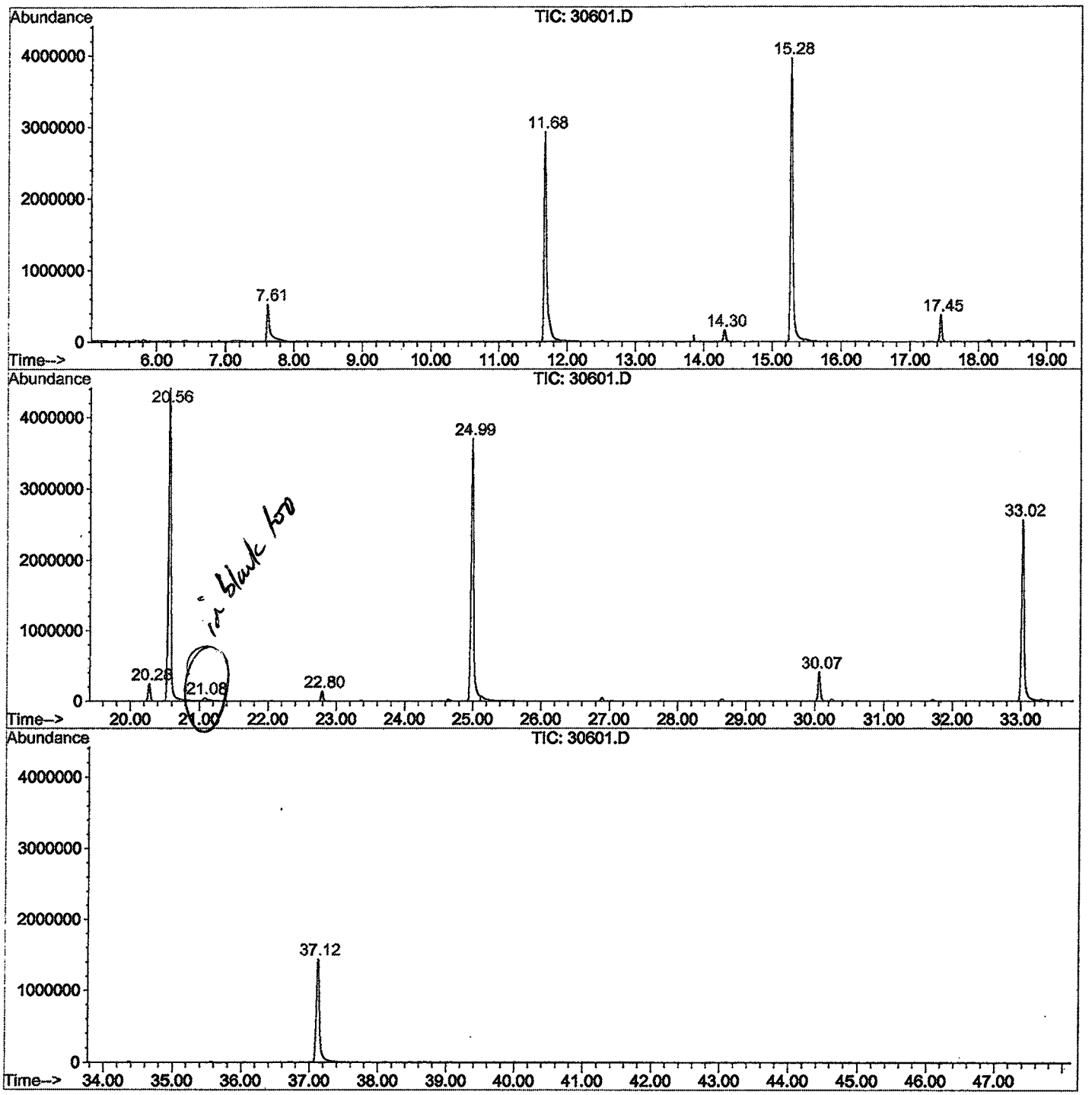
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	314	rBV	515670	1643667	15.60%	3.031%
2	11.678	718	723	749	rBV	2923228	7833919	74.33%	14.445%
3	14.304	1003	1009	1017	rBV	160683	352476	3.34%	0.650%
4	15.277	1110	1115	1135	rBV	3957122	9824248	93.22%	18.115%
5	17.452	1346	1352	1360	rBV	374508	771020	7.32%	1.422%
6	20.280	1654	1660	1667	rBV	241345	516591	4.90%	0.953%
7	20.565	1684	1691	1716	rBV	4417590	10539099	100.00%	19.434%
8	21.079	1742	1747	1765	rVB3	36748	172429	1.64%	0.318%
9	22.795	1927	1934	1945	rBV	136057	298243	2.83%	0.550%
10	24.990	2162	2173	2186	rBV2	3698486	9842574	93.39%	18.149%
11	30.066	2720	2726	2737	rBV	410058	920205	8.73%	1.697%
12	33.022	3041	3048	3069	rBV2	2564468	6864577	65.13%	12.658%
13	37.117	3487	3494	3523	rBV	1431086	4652175	44.14%	8.578%

Sum of corrected areas: 54231223

30601.D GCMS0103.M Thu Jan 10 14:04:56 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\30601.D
Operator : 209 GALOS
Acquired : 28 Dec 2001 5:20 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/17
Misc Info :
Vial Number: 29
Quant File :GCMS1126.RES (RTE Integrator)



30601.D GCMS0103.M Thu Jan 10 14:05:02 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

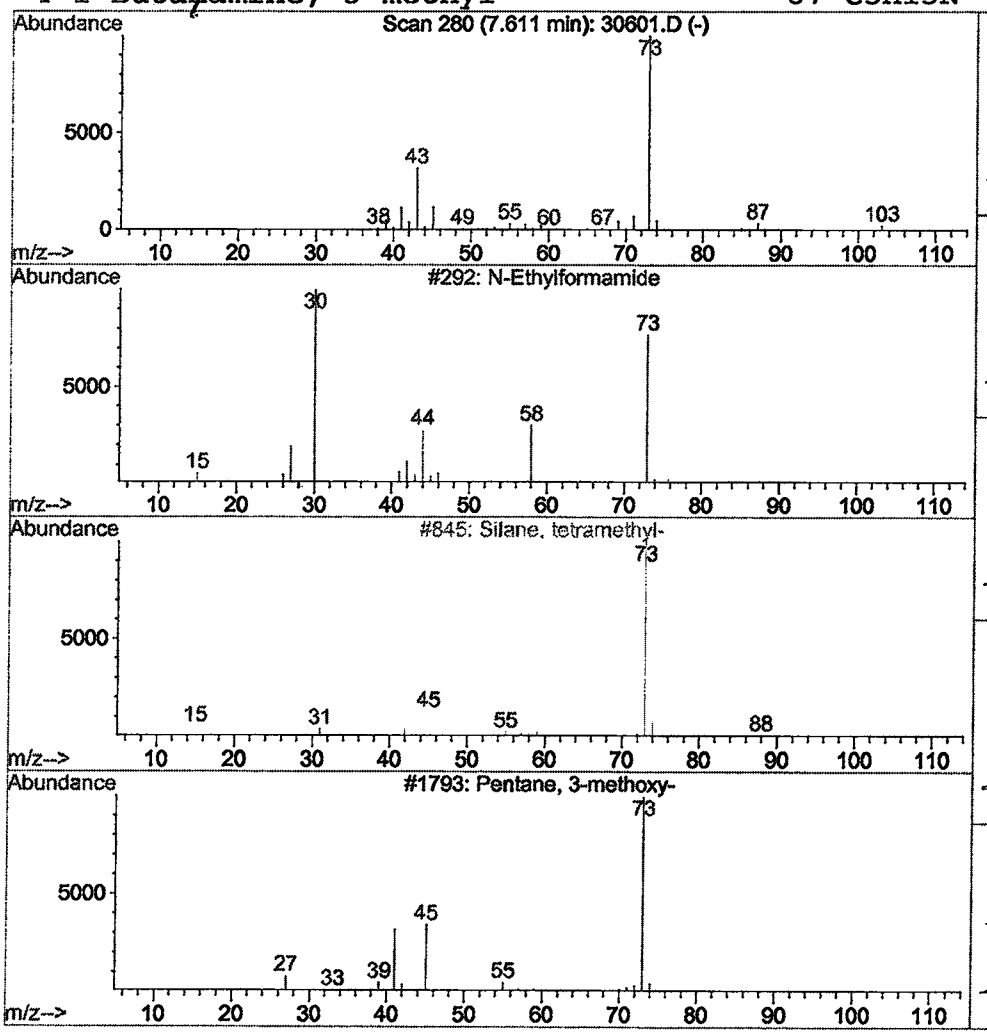
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

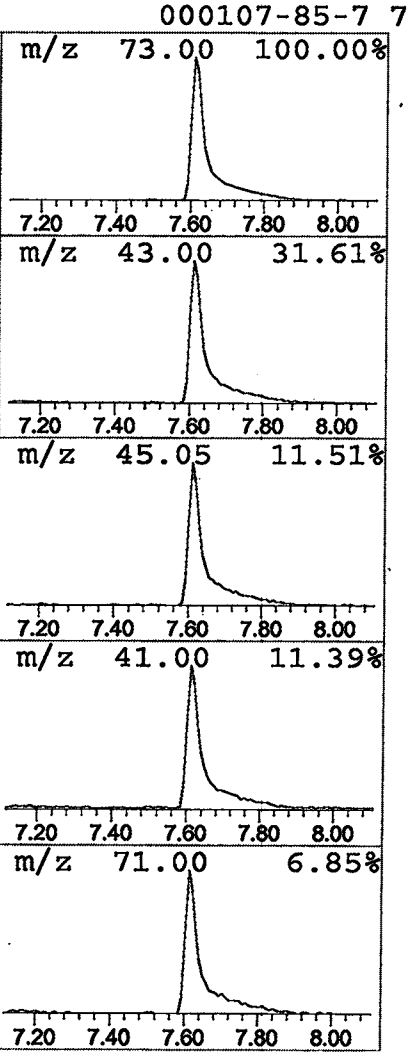
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.20 ug/l	1643670	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7





Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 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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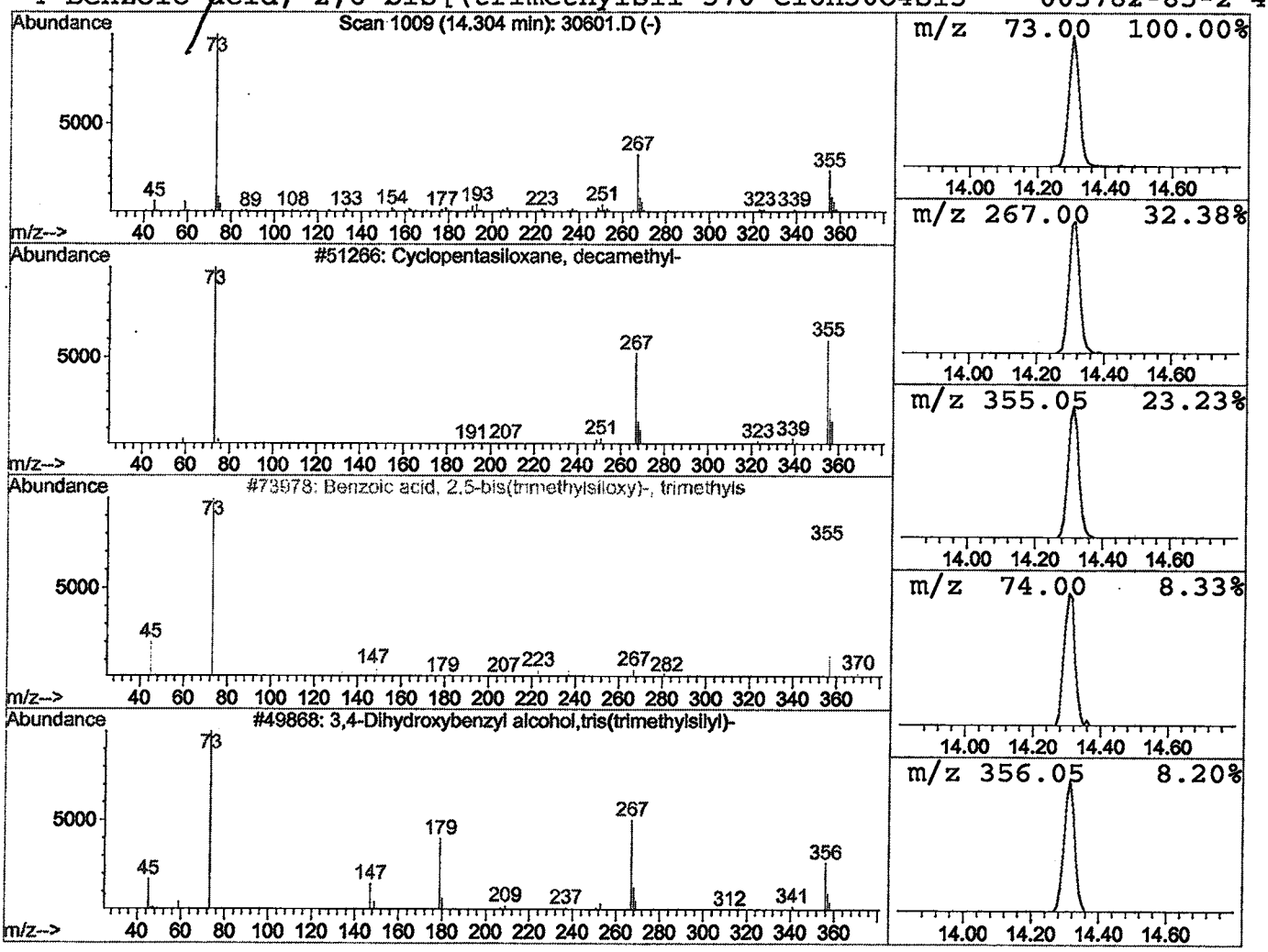
Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	0.72 ug/l	352476	Naphthalene-d8	15.29

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



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 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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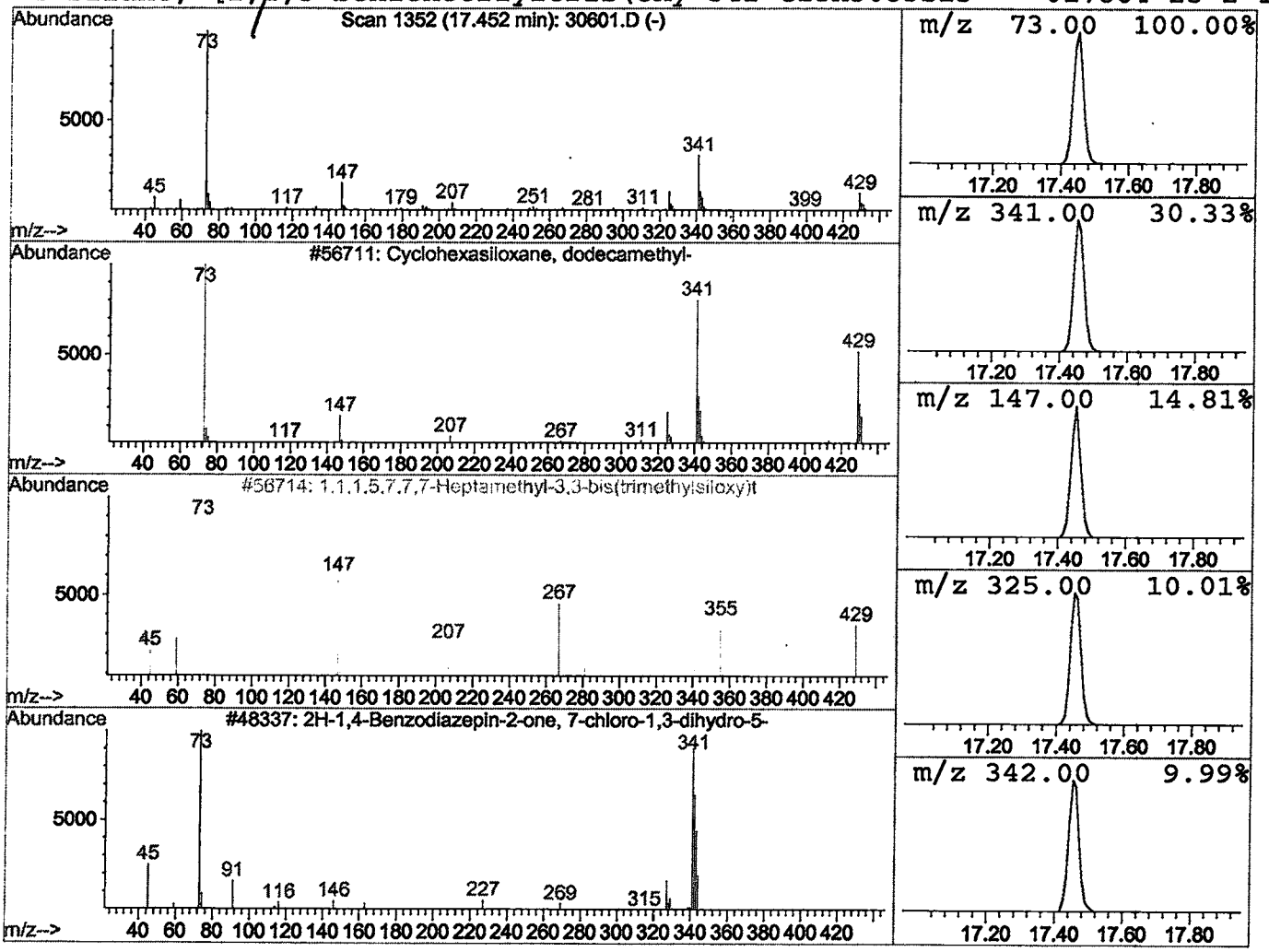
Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.57 ug/l	771020	Naphthalene-d8	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	38
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	22
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
4	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	10



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30601.D
Acq On : 28 Dec 2001 5:20 pm
Sample : GC/MS SCAN 12/17
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

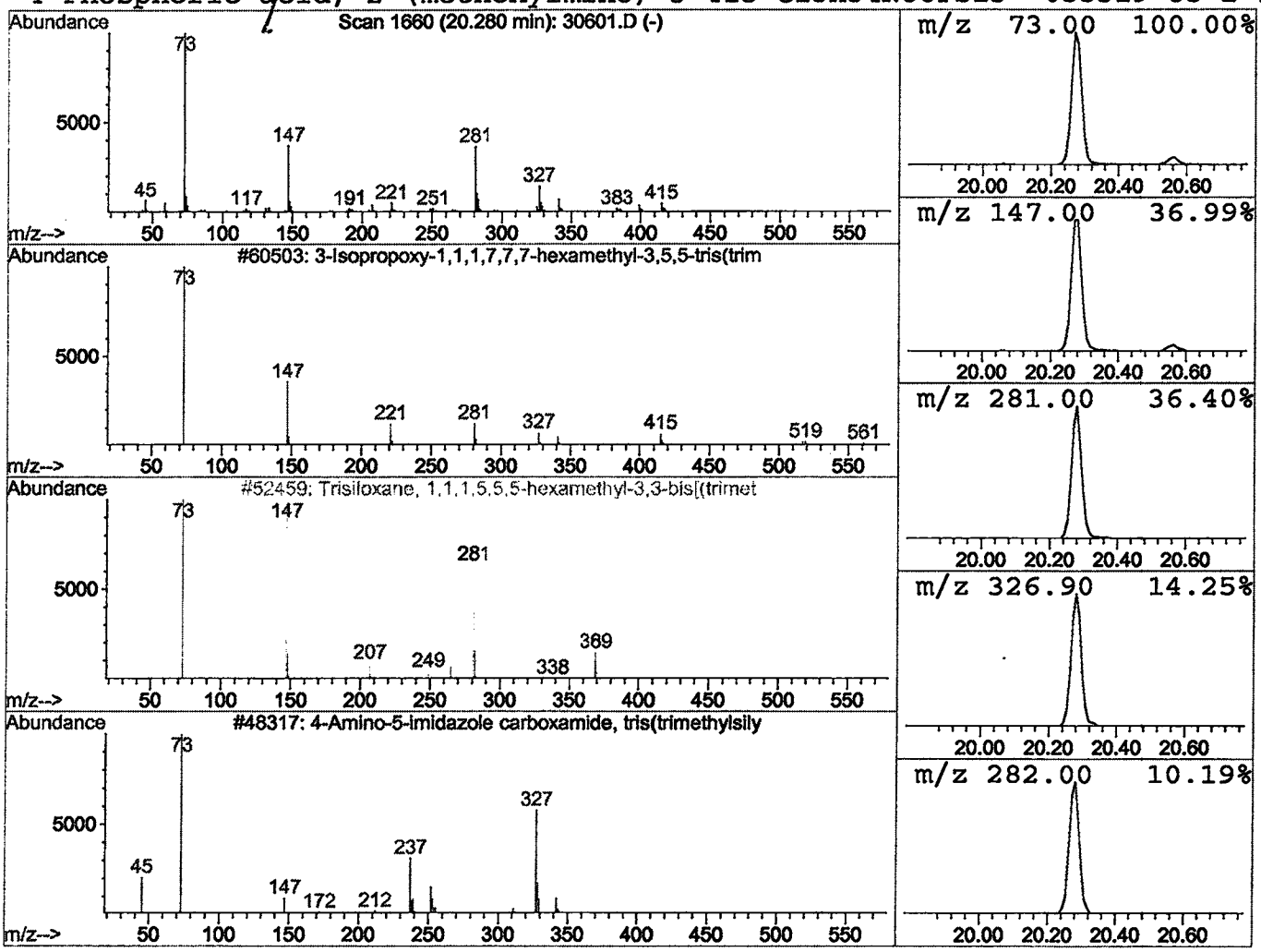
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.98 ug/l	516591	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	40
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	10
4	Phosphoric acid, 2-(methoxyimino)-3	415	C13H34NO6PSi3	055319-85-2	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30601.D Vial: 29
Acq On : 28 Dec 2001 5:20 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

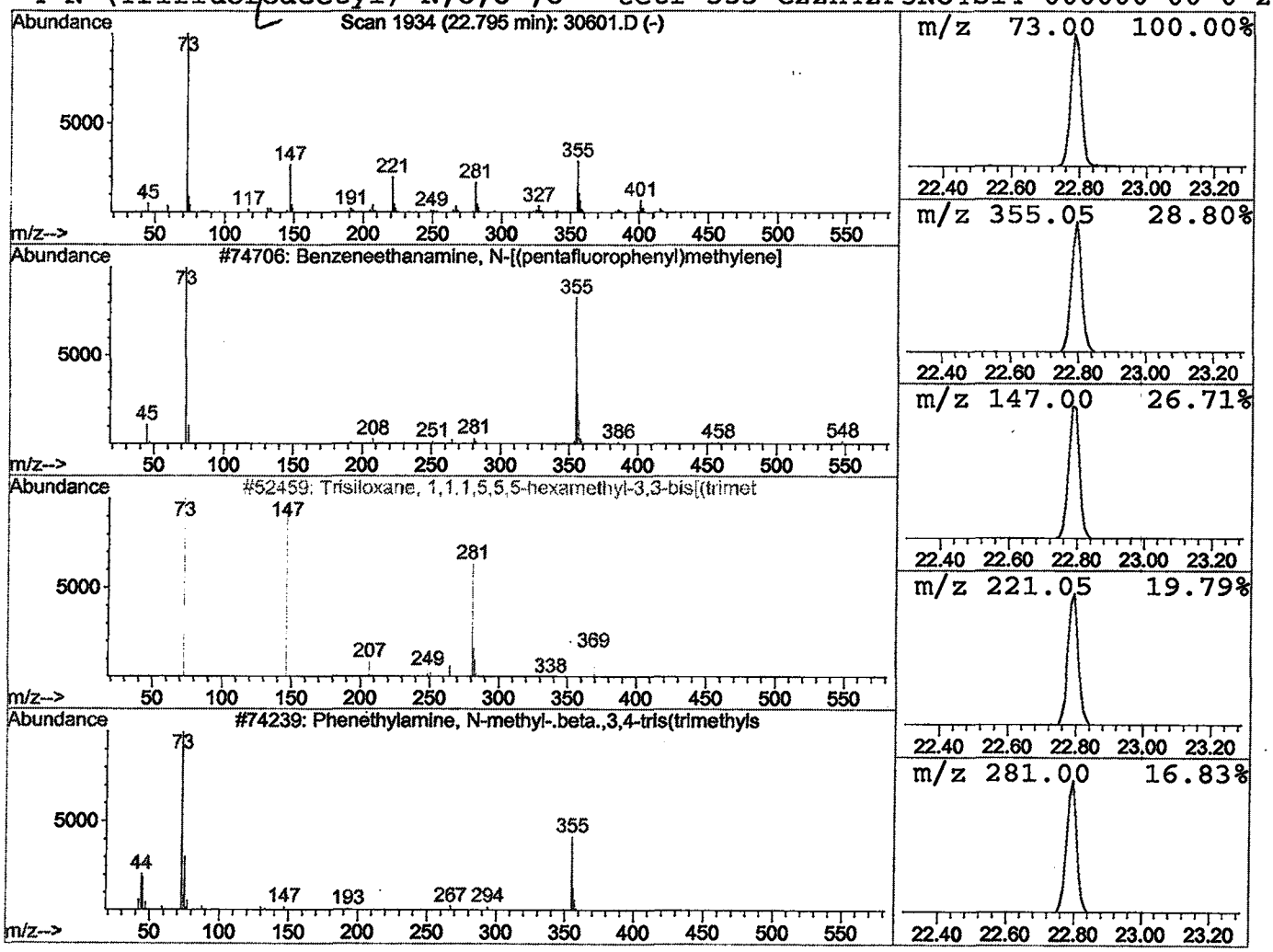
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.61 ug/l	298243	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	35
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	35
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	25
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	22



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 5:20 pm
Data File: M:\INSTRU~1\209\DATA\DEC2701\30601.D
Name: GC/MS SCAN 12/17
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
N-Ethylformamide	7.61	4.2	ug/l	1643670	ISTD01	11.68	7833920	20.0
Cyclopentasiloxane,	14.30	0.7	ug/l	352476	ISTD02	15.29	9824250	20.0
Cyclohexasiloxane, d	17.45	1.6	ug/l	771020	ISTD02	15.29	9824250	20.0
3-Isopropoxy-1,1,1,7	20.28	1.0	ug/l	516591	ISTD03	20.56	10539100	20.0
Benzeneethanamine, N	22.80	0.6	ug/l	298243	ISTD04	24.99	9842570	20.0

30601.D GCMS0103.M Thu Jan 10 14:05:34 2002