User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 12:06:01

Sample: AD30603
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 12:05 Ended: 1/22/02 12:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		5.0

Comments for Sample AD30603 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 12:06:19

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\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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 20:06 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	1310666	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	5074347	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.57	164	2404300	20.00	ug/l	0.00
29) Phenanthrene-d10	24.98	188	3821521	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	2412118	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	1417402	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	184771	4.40	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 88.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.30	74	282	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	13.59	82	391	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	2146	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	20.28	163	287	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	21.28	165	322	N.D.		
25) Diethylphthalate	22.10	149	1701	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\30603.D
Acq On : 28 Dec 2001 7:17 pm
Sample : GC/MS SCAN 12/17
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 28 20:06 2001

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

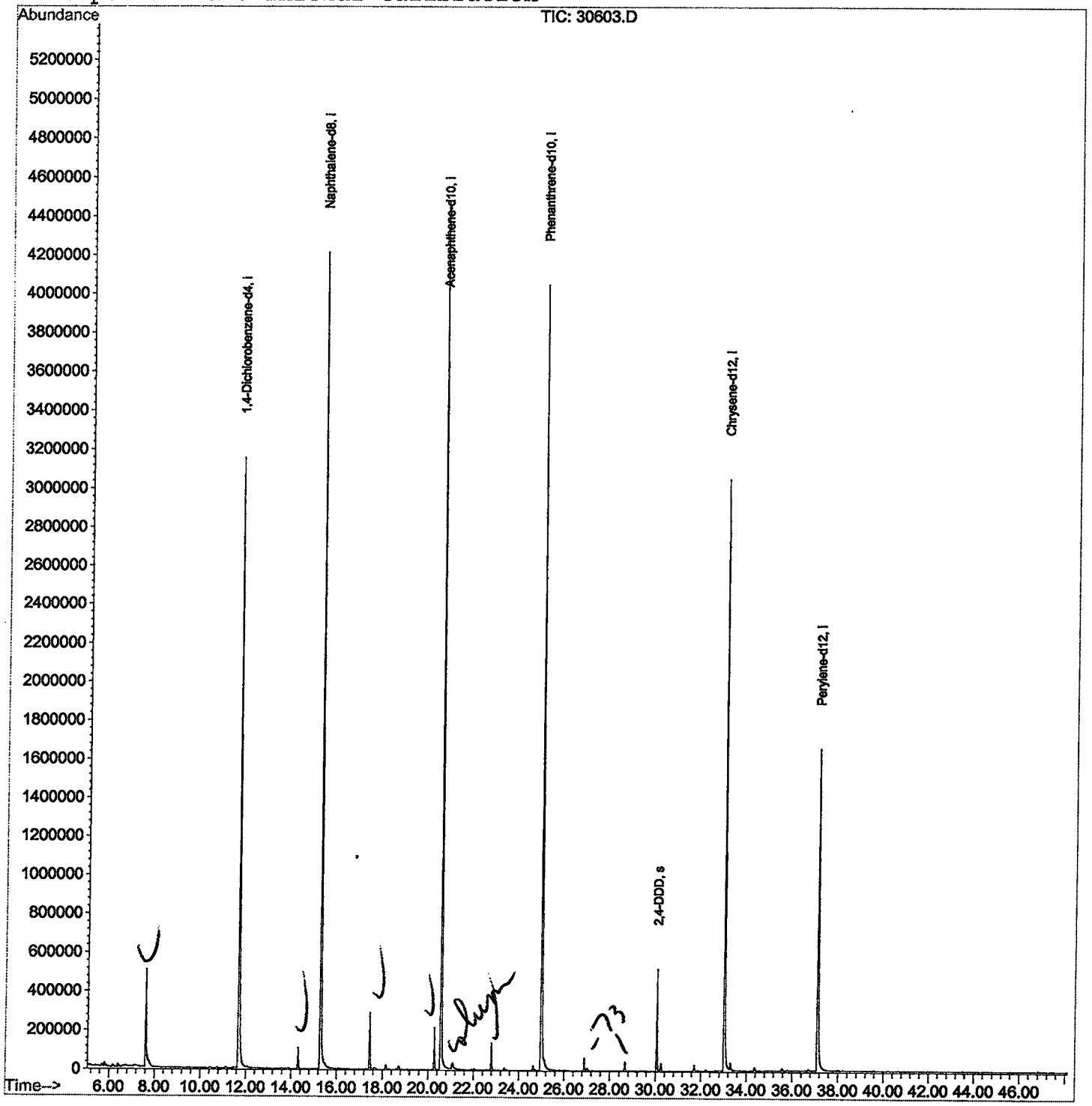
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.05	178	609	N.D.	
34) Anthracene	25.05	178	609	N.D.	
35) Di-n-butylphthalate	27.02	149	22155	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.52	149	1415	N.D.	
41) Benzo(a)anthracene	33.02	228	6184	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	24822	N.D.	
43) Chrysene	33.02	228	6184	N.D.	
45) Di-n-Octylphthalate	35.06	149	988	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	5883	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\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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 20:06 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\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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

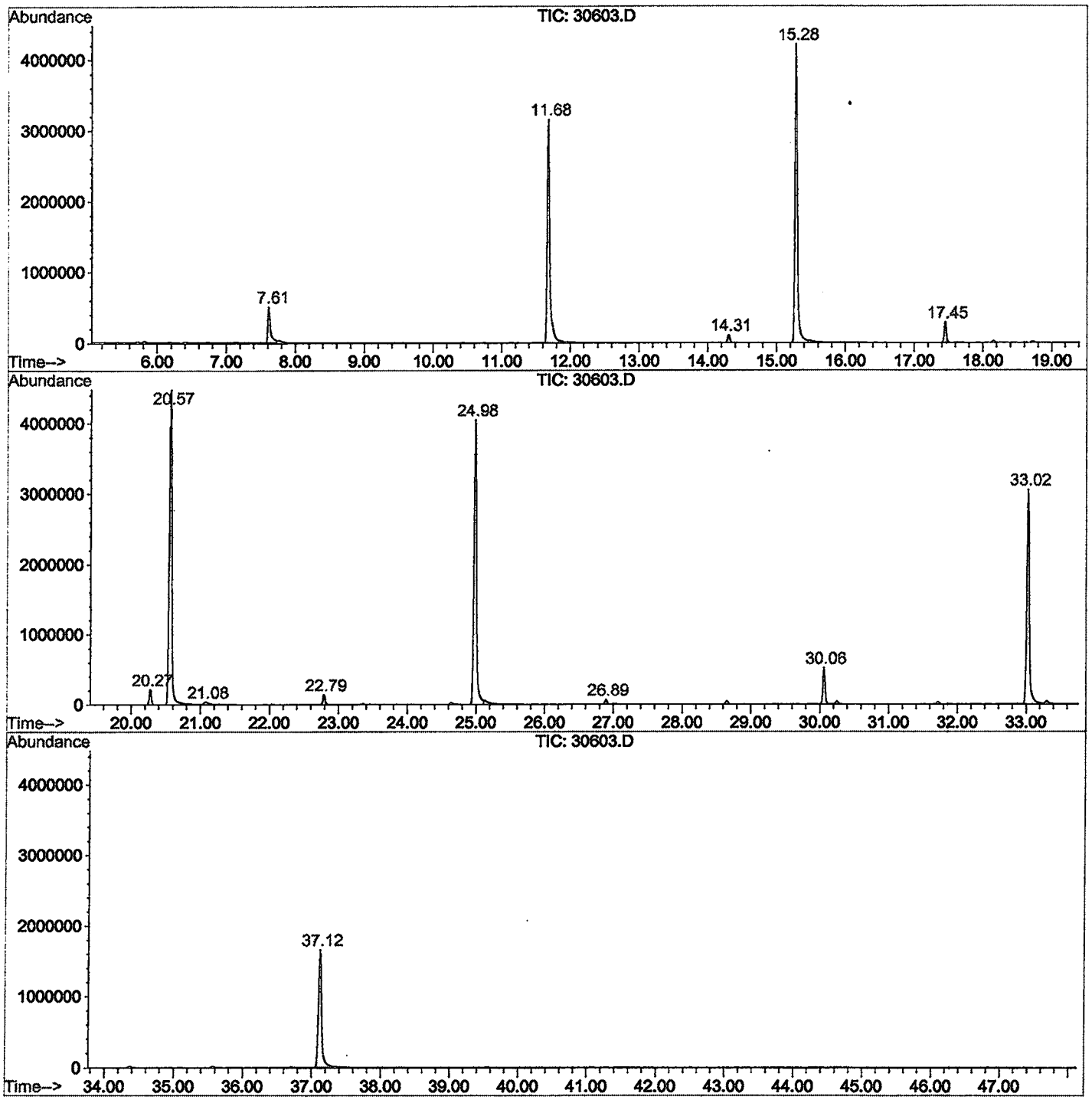
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.613	276	280	293	rBV	502277	1298672	12.22%	2.289%
2	11.680	718	723	749	rBV	3148267	8106036	76.26%	14.285%
3	14.305	1002	1009	1017	rBV	110342	241095	2.27%	0.425%
4	15.278	1109	1115	1135	rBV	4212925	10174368	95.72%	17.930%
5	17.454	1346	1352	1360	rBV	287754	618419	5.82%	1.090%
6	20.272	1653	1659	1667	rBV	214440	466053	4.38%	0.821%
7	20.566	1684	1691	1715	rBV	4482014	10629563	100.00%	18.732%
8	21.080	1740	1747	1764	rVB3	30285	142737	1.34%	0.252%
9	22.788	1927	1933	1942	rBV	140077	305575	2.87%	0.539%
10	24.982	2163	2172	2186	rBV2	4049470	10484000	98.63%	18.476%
11	26.891	2373	2380	2386	rBV	66766	139334	1.31%	0.246%
12	30.059	2720	2725	2737	rBV	521344	1139952	10.72%	2.009%
13	33.024	3041	3048	3073	rBV2	3047607	7795105	73.33%	13.737%
14	37.118	3486	3494	3515	rBV2	1654110	5204255	48.96%	9.171%

Sum of corrected areas: 56745164

30603.D GCMS0103.M Thu Jan 10 15:01:15 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\30603.D
Operator : 209 GALOS
Acquired : 28 Dec 2001 7:17 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/17
Misc Info :
Vial Number: 31
Quant File :GCMS1126.RES (RTE Integrator)



30603.D GCMS0103.M Thu Jan 10 15:01:22 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

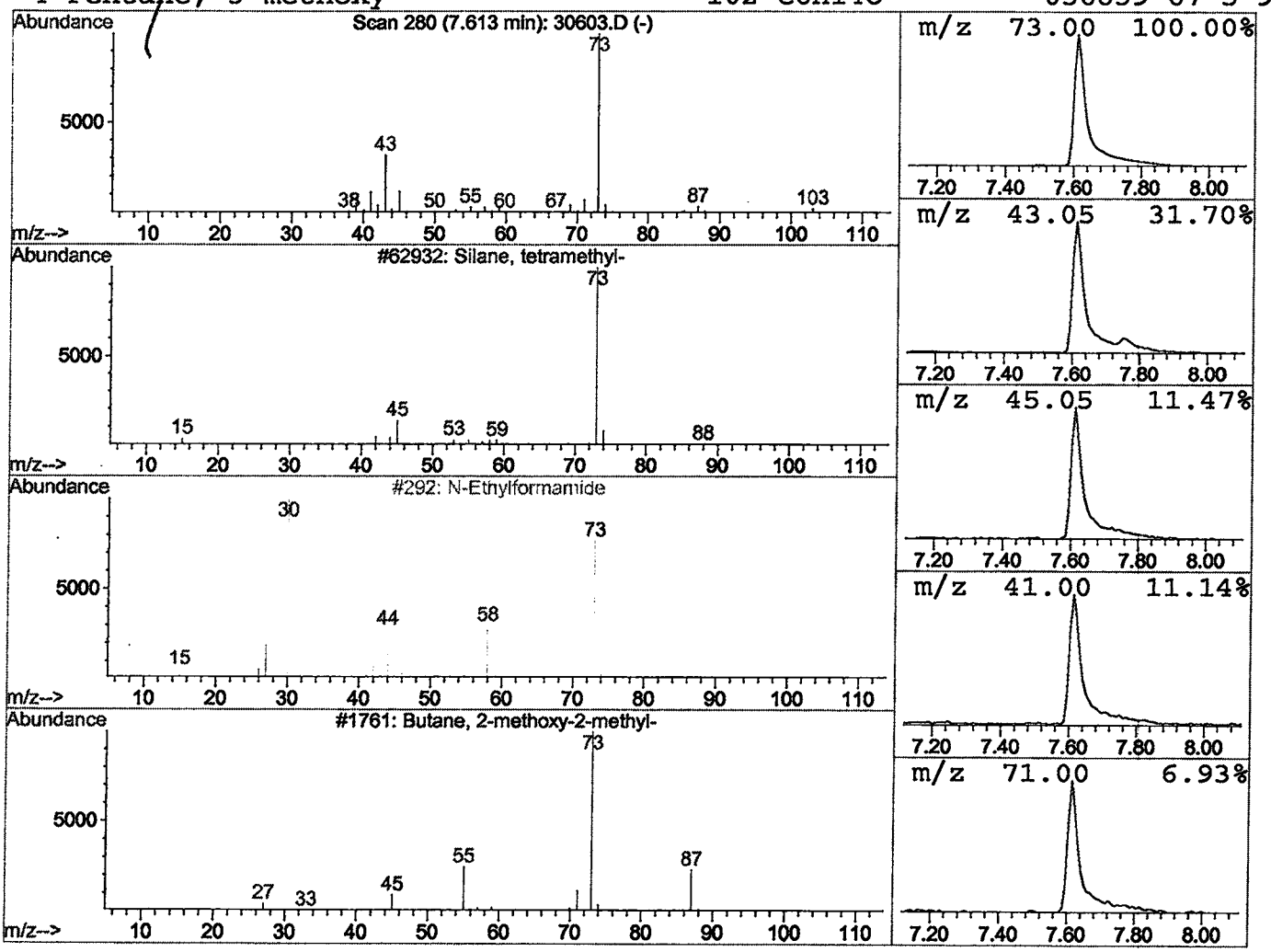
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.20 ug/l	1298670	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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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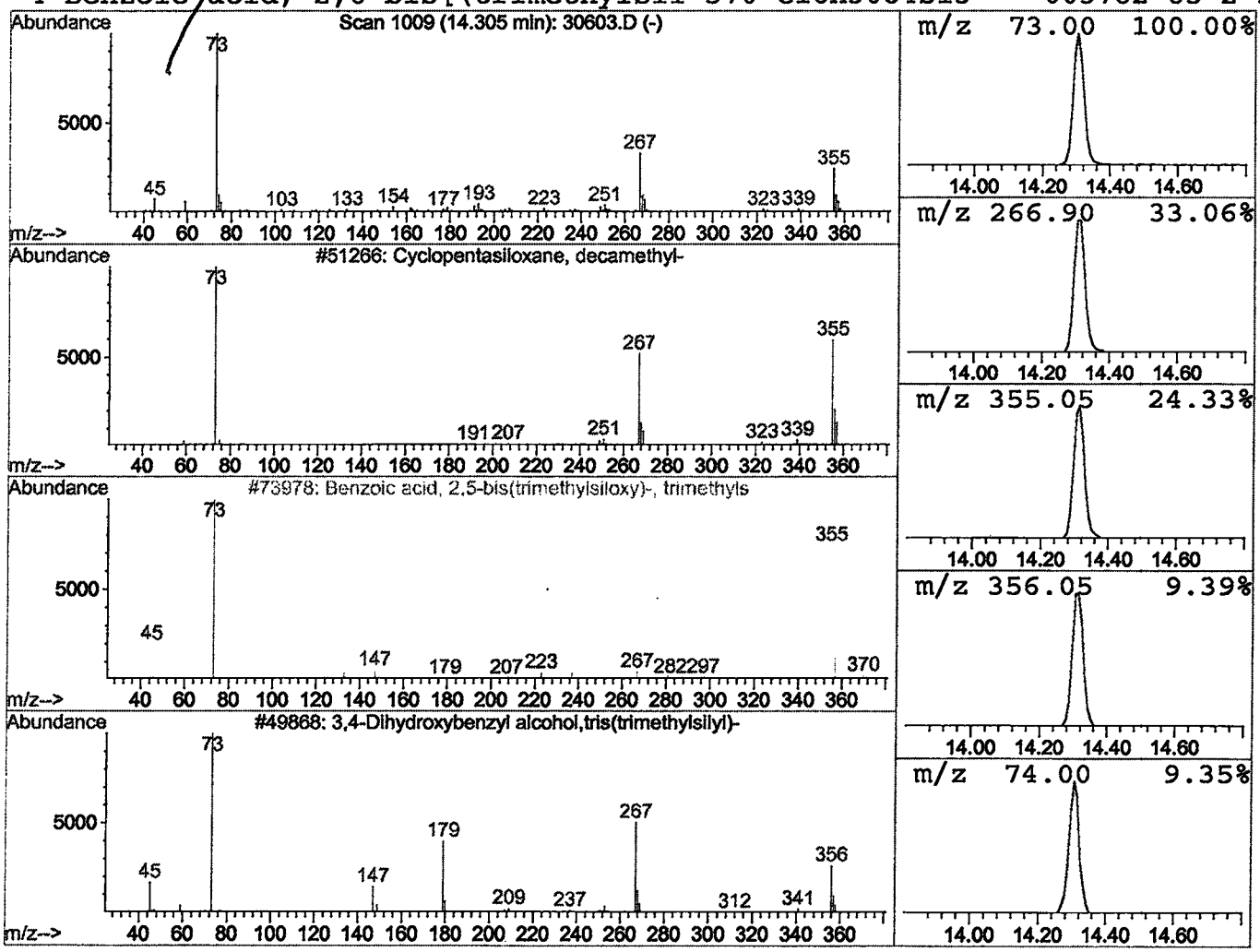
Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.47 ug/l	241095	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	33



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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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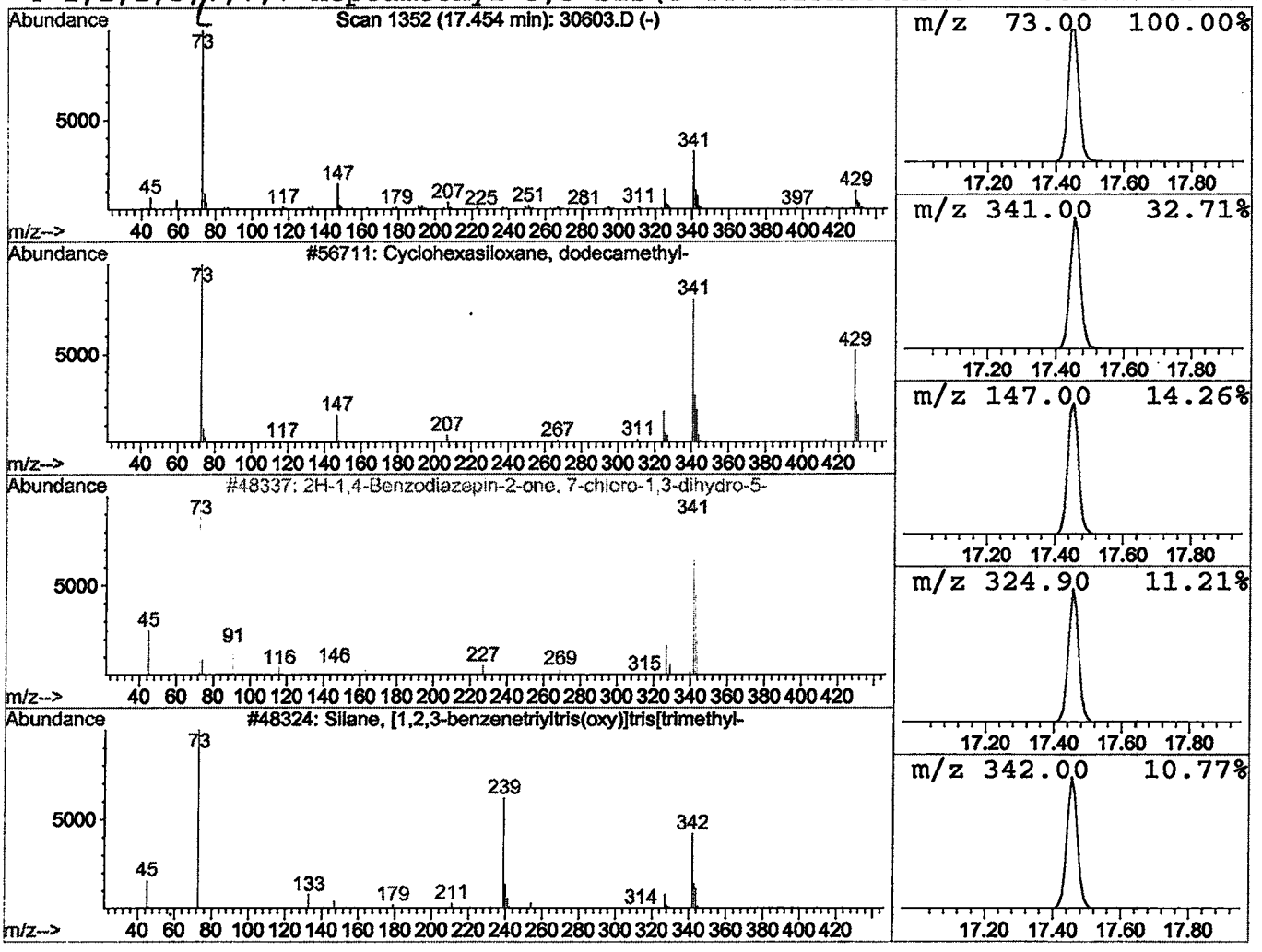
Peak Number 3 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.22 ug/l	618419	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	59
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	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	12



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 pm Operator: 209 GALOS
Sample : GC/MS SCAN 12/17 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

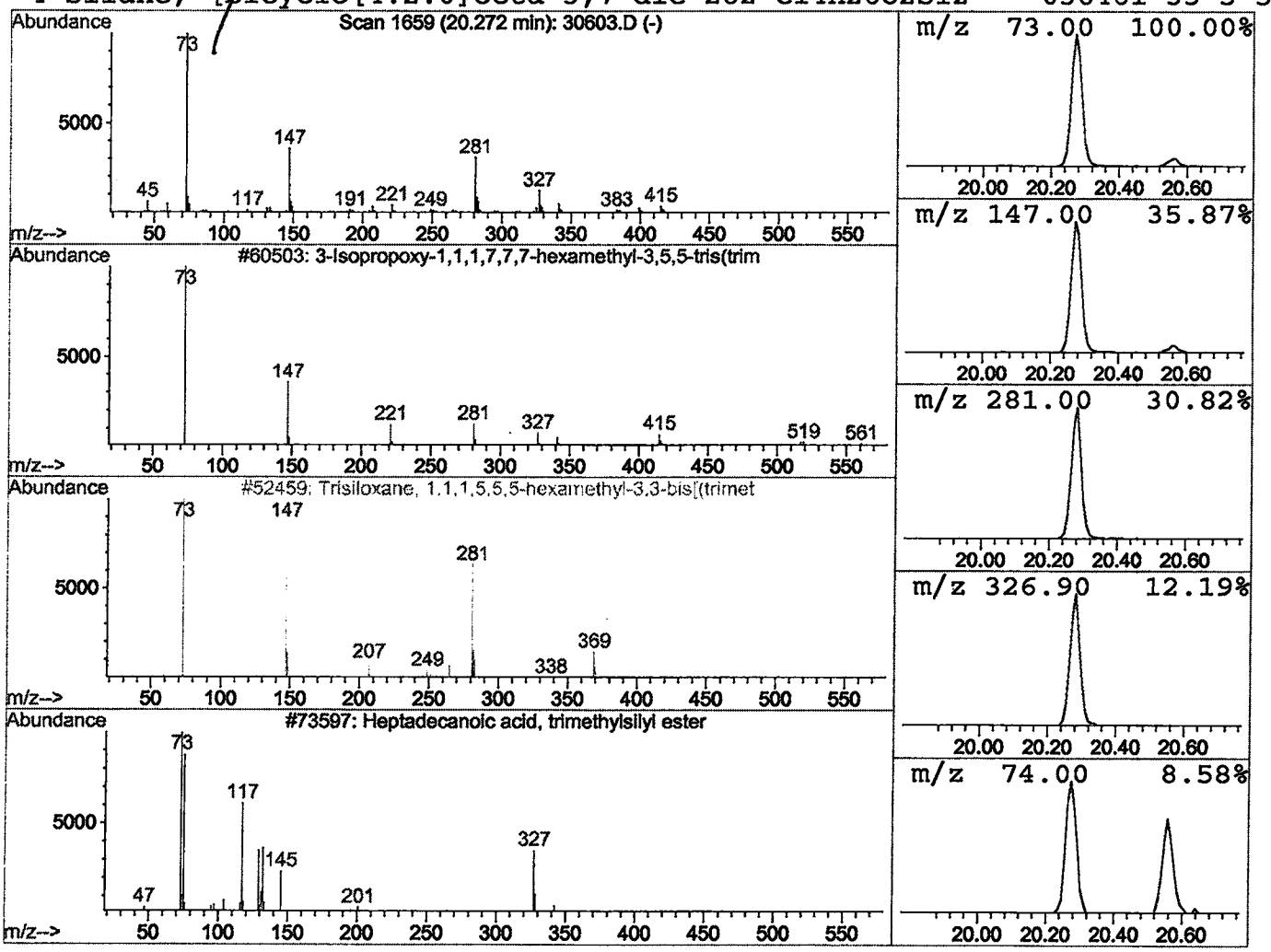
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.27	0.88 ug/l	466053	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	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
3	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	7
4	Silane, [bicyclo[4.2.0]octa-3,7-die	282	C14H26O2Si2	036461-33-3	5



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\30603.D Vial: 31
Acq On : 28 Dec 2001 7:17 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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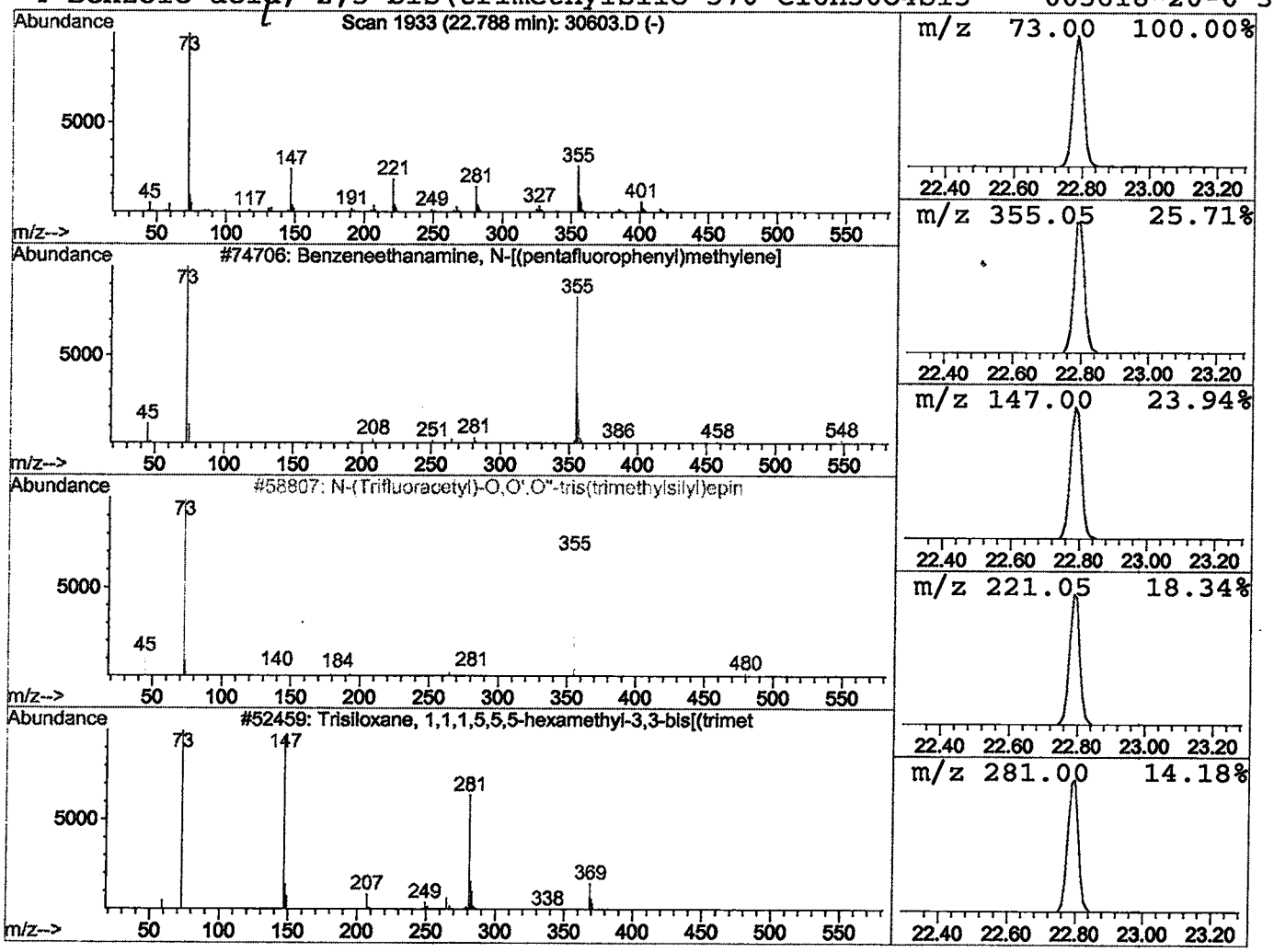
Peak Number 5 Benzeneethanamine, N-[(pentafl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	0.58 ug/l	305575	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	46
2	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	43
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	37
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 7:17 pm
Data File: M:\INSTRU~1\209\DATA\DEC2701\30603.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
Silane, tetramethyl-	7.61	3.2	ug/l	1298670	ISTD01	11.68	8106040	20.0
Cyclopentasiloxane,	14.31	0.5	ug/l	241095	ISTD02	15.28	10174400	20.0
Cyclohexasiloxane, d	17.45	1.2	ug/l	618419	ISTD02	15.28	10174400	20.0
3-Isopropoxy-1,1,1,7	20.27	0.9	ug/l	466053	ISTD03	20.57	10629600	20.0
Benzeneethanamine, N	22.79	0.6	ug/l	305575	ISTD04	24.98	10484000	20.0

30603.D GCMS0103.M Thu Jan 10 15:01:54 2002