User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 11:19:14

Sample: AD29667
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 11:18 Ended: 1/28/02 11:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		5.0

Comments for Sample AD29667 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 12:17:18

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\DEC3101\29667.D Vial: 56
Acq On : 2 Jan 2002 8:14 pm Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 21:02 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	11.67	152	1308165	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4994839	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.57	164	2444632	20.00	ug/l	0.00
29) Phenanthrene-d10	24.98	188	3622778	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	2180991	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	1256702	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	158007	3.97	ug/mL	0.00
Spiked Amount 5.000			Recovery = 79.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.34	74	259	N.D.		
3) bis(2-Chloroethyl)ether	11.15	93	567	N.D.		
4) 1,3-Dichlorobenzene	11.60	146	299	N.D.		
5) 1,4-Dichlorobenzene	11.73	146	573	N.D.		
6) 1,2-Dichlorobenzene	12.24	146	124	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	13.07	117	212	N.D.		
11) Nitrobenzene	13.43	77	100	N.D.		
12) Isophorone	14.08	82	996	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	15.19	180	208	N.D.		
15) Naphthalene	15.33	128	5112	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	18.94	162	172	N.D.		
20) Dimethylphthalate	20.06	163	965	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.13	152	1541	N.D.		
23) Acenaphthene	20.65	153	2046	N.D.		
24) 2,4-Dinitrotoluene	21.17	165	241	N.D.		
25) Diethylphthalate	22.12	149	4220	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	22.26	166	1788	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\DEC3101\29667.D Vial: 56
Acq On : 2 Jan 2002 8:14 pm Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 2 21:02 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

	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	24.11	284	562	N.D.	
33)	Phenanthrene	25.05	178	6463	N.D.	
34)	Anthracene	25.18	178	1971	N.D.	
35)	Di-n-butylphthalate	27.04	149	32601	N.D.	
36)	Fluoranthene	28.76	202	1536	N.D.	
39)	Pyrene	29.45	202	2682	N.D.	
40)	Butylbenzylphthalate	31.52	149	1025	N.D.	
41)	Benzo(a)anthracene	33.02	228	9162	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	10101	N.D.	
43)	Chrysene	33.10	228	3864	N.D.	
45)	Di-n-Octylphthalate	35.03	149	1290	N.D.	
46)	Benzo(b)fluoranthene	36.10	252	1371	N.D.	
47)	Benzo(k)fluoranthene	36.10	252	2084	N.D.	
48)	Benzo(a)pyrene	36.96	252	776	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

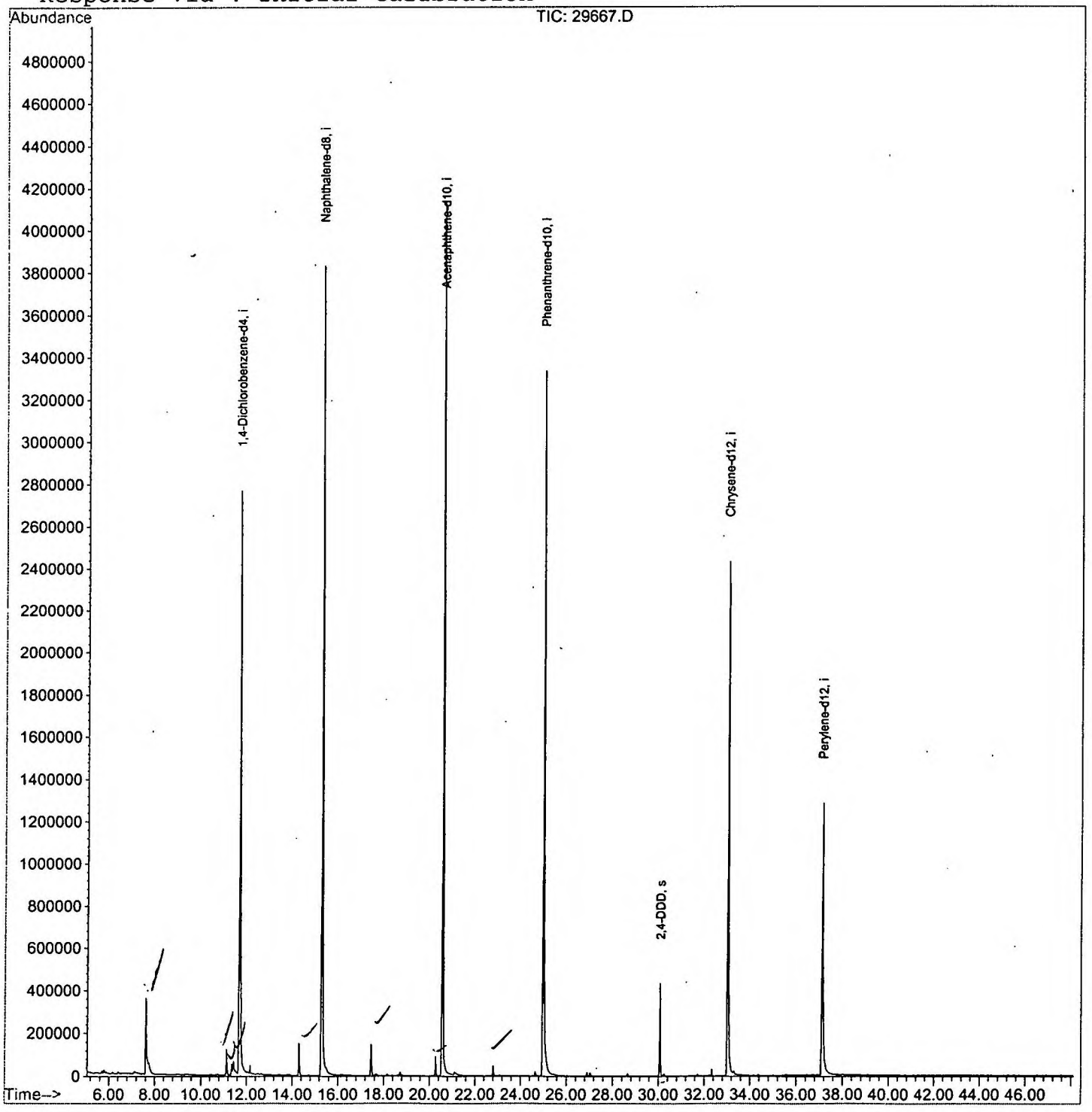
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 2 21:02 2002

Vial: 56
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\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

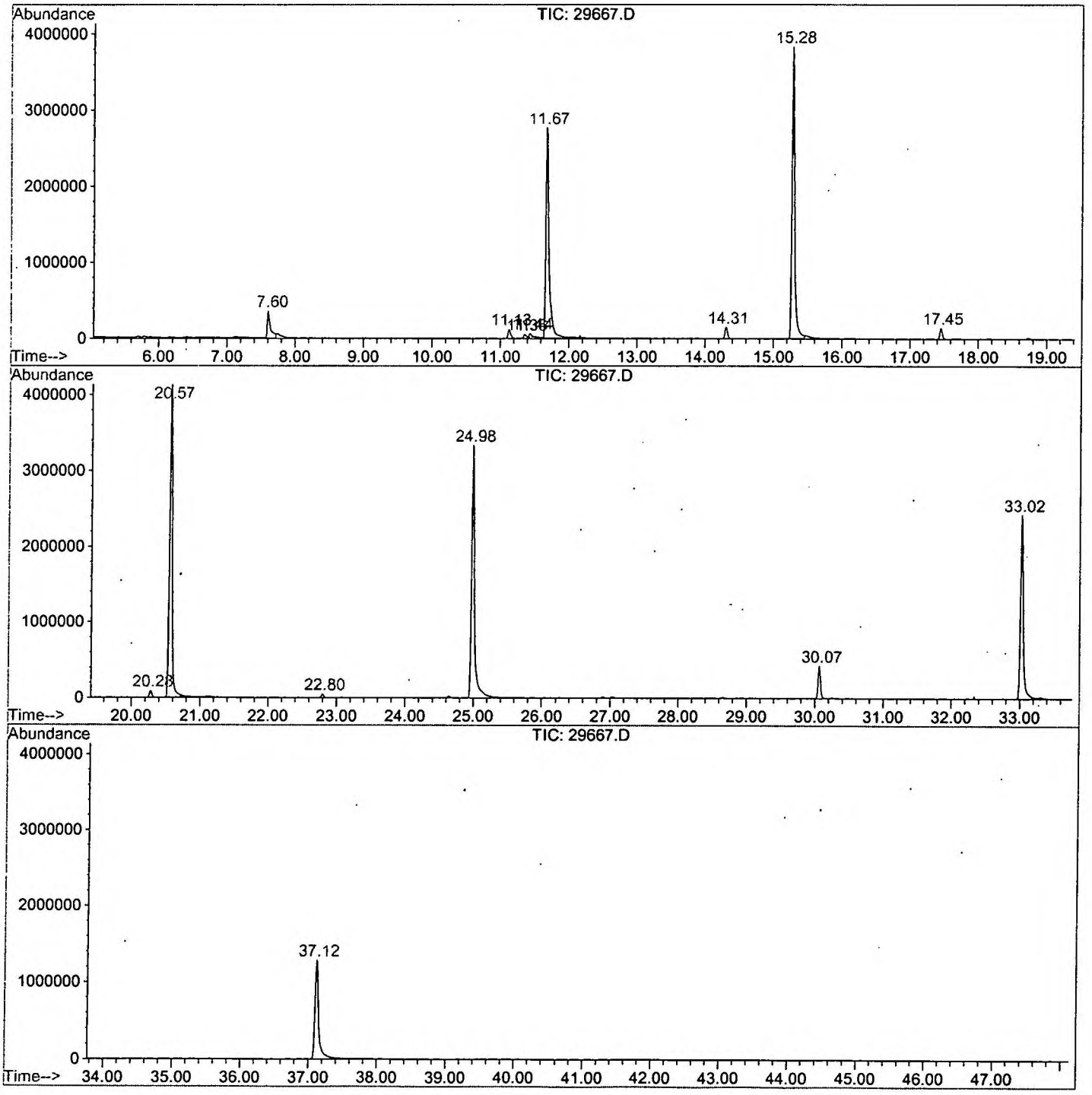
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.604	275	279	292	rBV	356136	1098188	10.28%	2.004%
2	11.129	658	663	674	rBV	121921	321307	3.01%	0.586%
3	11.358	684	688	693	rBV	51152	130664	1.22%	0.238%
4	11.441	693	697	705	rVV	49139	142437	1.33%	0.260%
5	11.670	717	722	757	rBV	2758183	8400084	78.60%	15.328%
6	14.305	1004	1009	1018	rBV	149922	378391	3.54%	0.690%
7	15.278	1110	1115	1134	rBV	3827265	10018420	93.75%	18.281%
8	17.454	1346	1352	1361	rBV2	146051	351731	3.29%	0.642%
9	20.282	1654	1660	1666	rBV	90234	201815	1.89%	0.368%
10	20.566	1684	1691	1717	rBV	4134069	10686816	100.00%	19.501%
11	22.797	1928	1934	1942	rVB	48222	114755	1.07%	0.209%
12	24.982	2166	2172	2214	rBV2	3335206	10239424	95.81%	18.684%
13	30.068	2720	2726	2737	rBV	429436	985641	9.22%	1.799%
14	33.024	3041	3048	3074	rBV2	2431958	7062832	66.09%	12.888%
15	37.118	3485	3494	3528	rBV2	1280331	4670267	43.70%	8.522%

Sum of corrected areas: 54802772

29667.D GCMS1126.M Wed Jan 16 14:47:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 8:14 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/7
Misc Info :
Vial Number: 56
Quant File :GCMS1126.RES (RTE Integrator)



29667.D GCMS1126.M Wed Jan 16 14:47:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

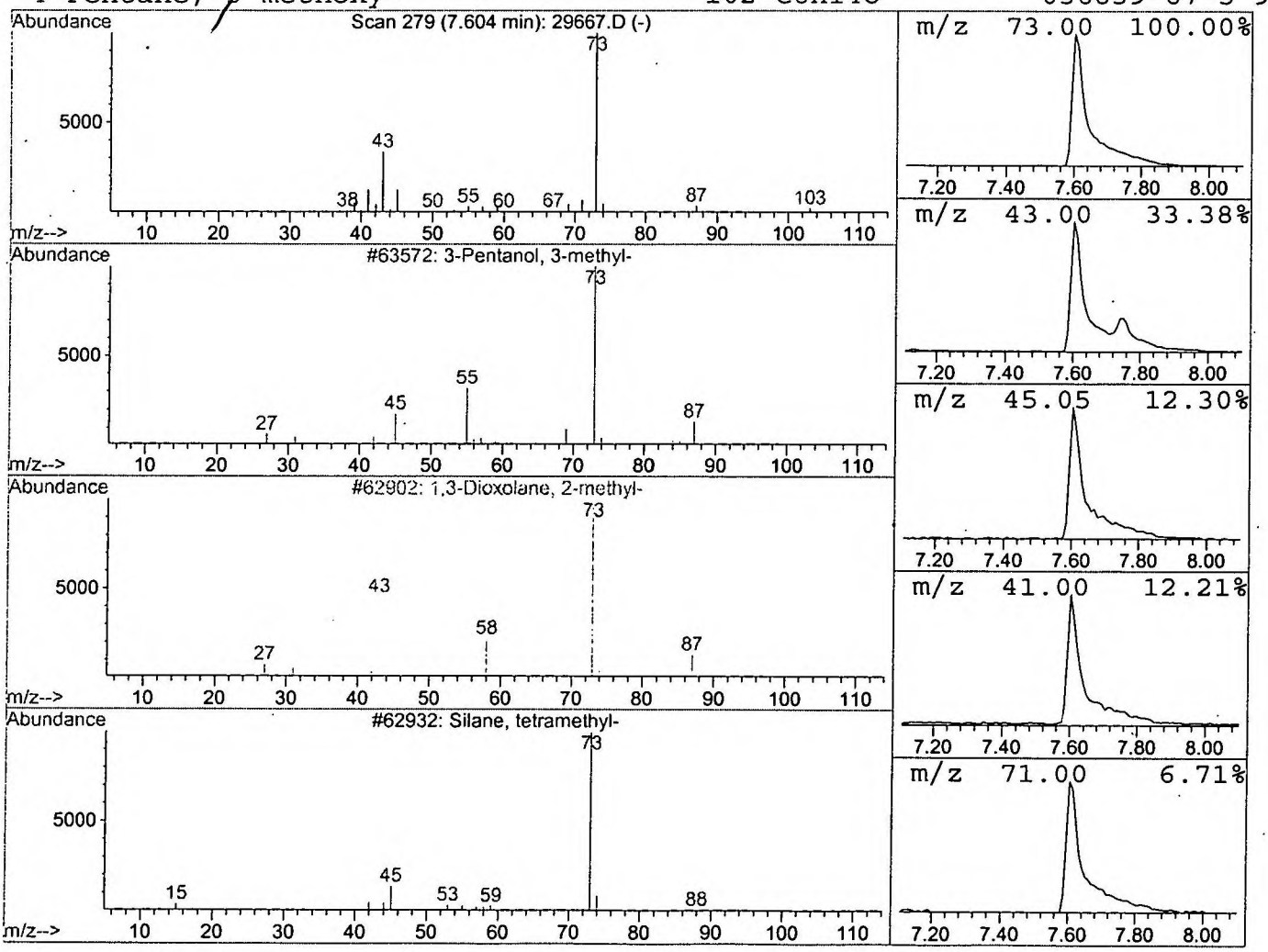
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.61 ug/l	1098190	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

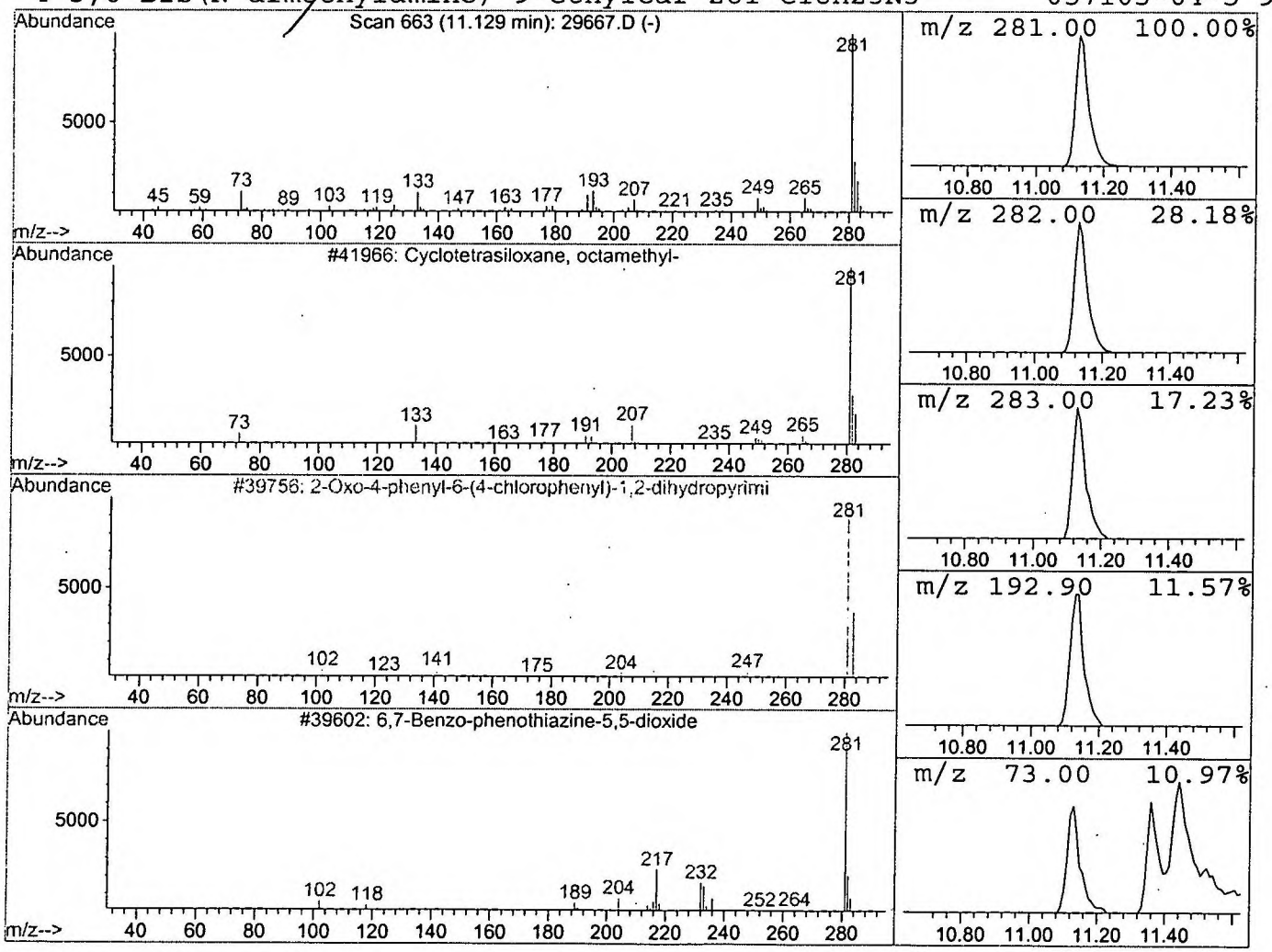
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.77 ug/l	321307	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

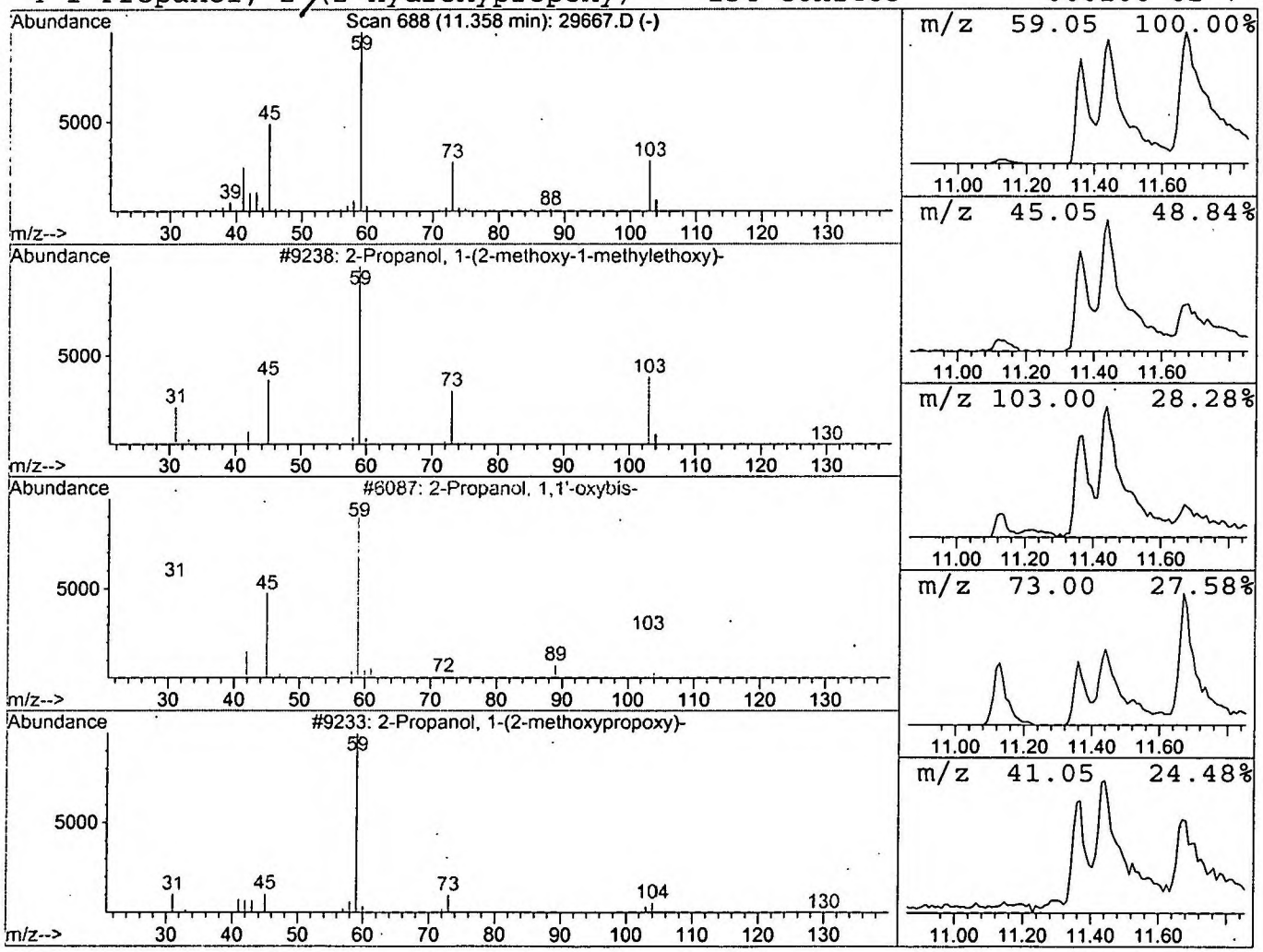
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	0.31 ug/l	130664	1,4-Dichlorobenzene-d4	11.67

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	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	43
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

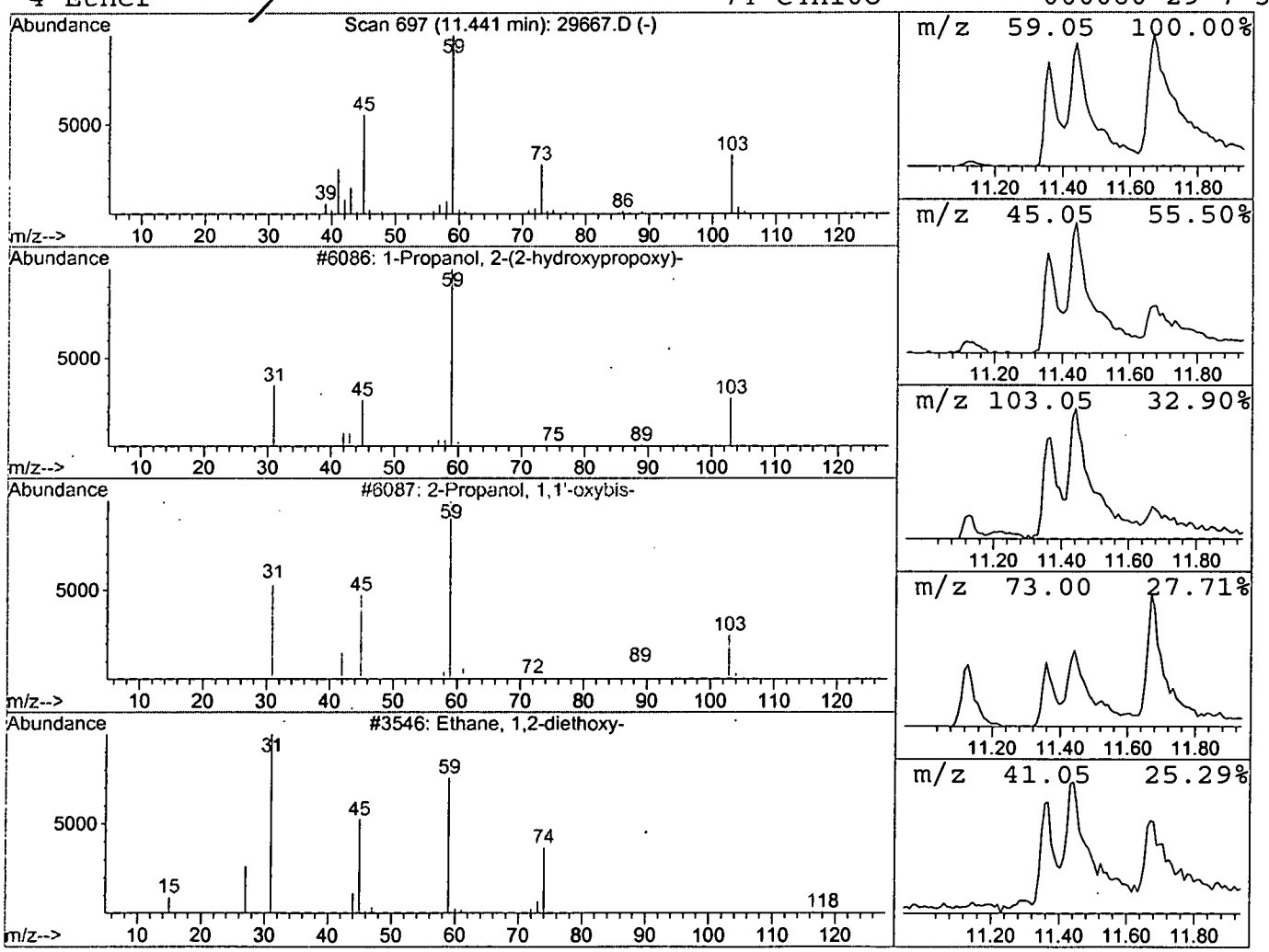
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 1-Propanol, 2-(2-hydroxypropox Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.34 ug/l	142437	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	40
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40
3	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	36
4	Ether	74	C4H10O	000060-29-7	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

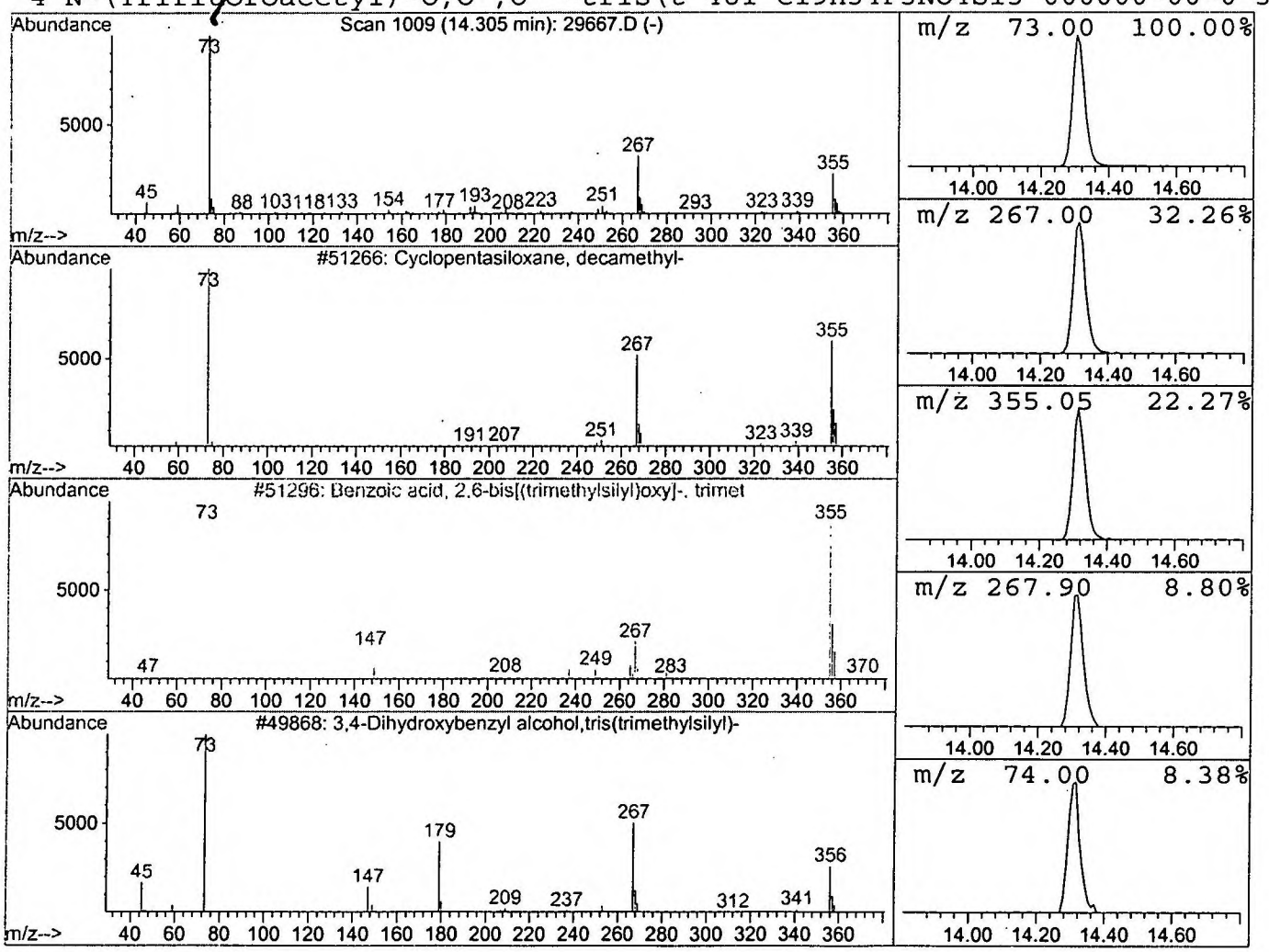
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.76 ug/l	378391	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, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	50
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D Vial: 56
Acq On : 2 Jan 2002 8:14 pm Operator: 209 GALOS
Sample : gcms scan 12/7 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

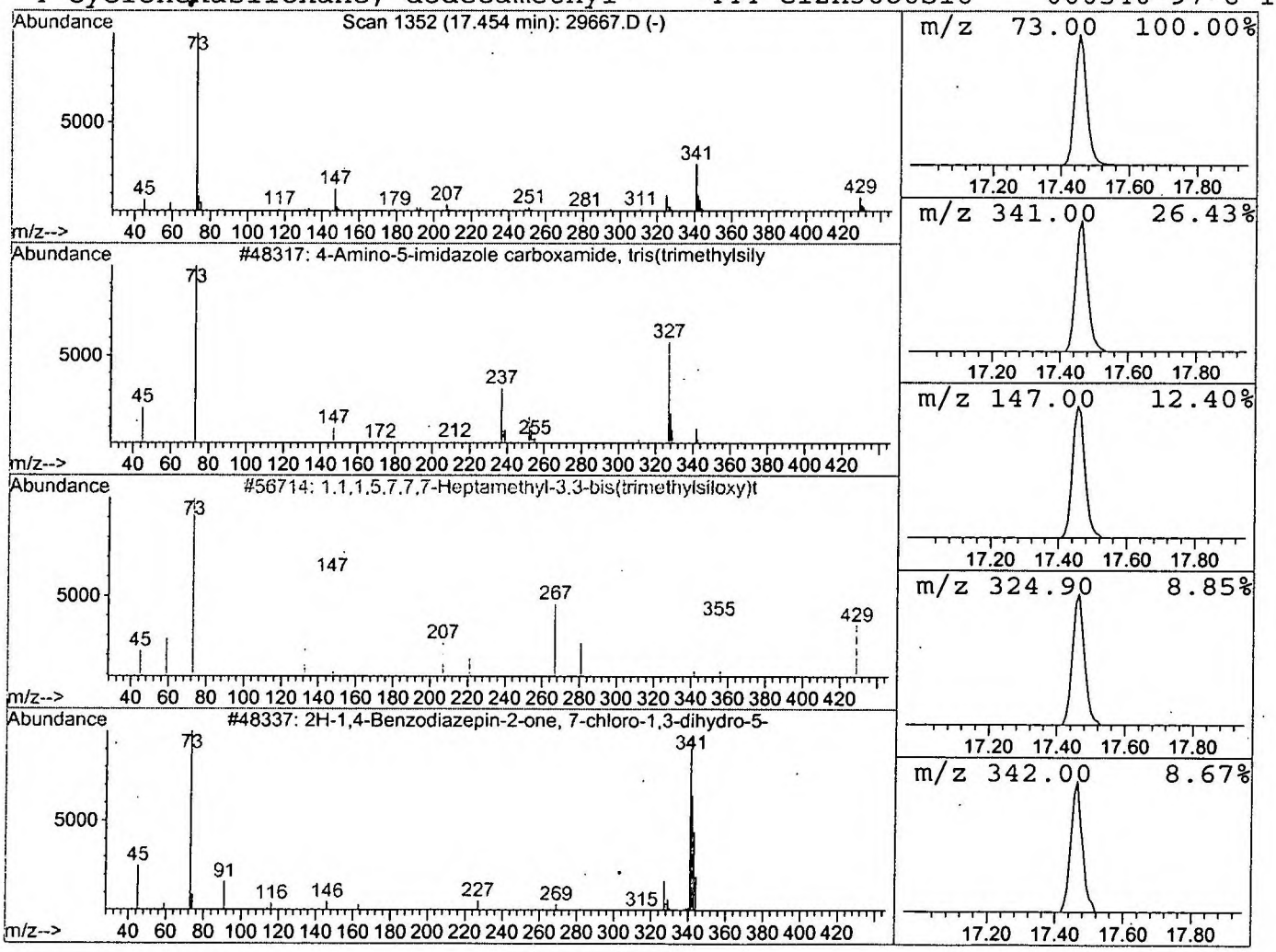
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 4-Amino-5-imidazole carboxamid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	0.70 ug/l	351731	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	32
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	22
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

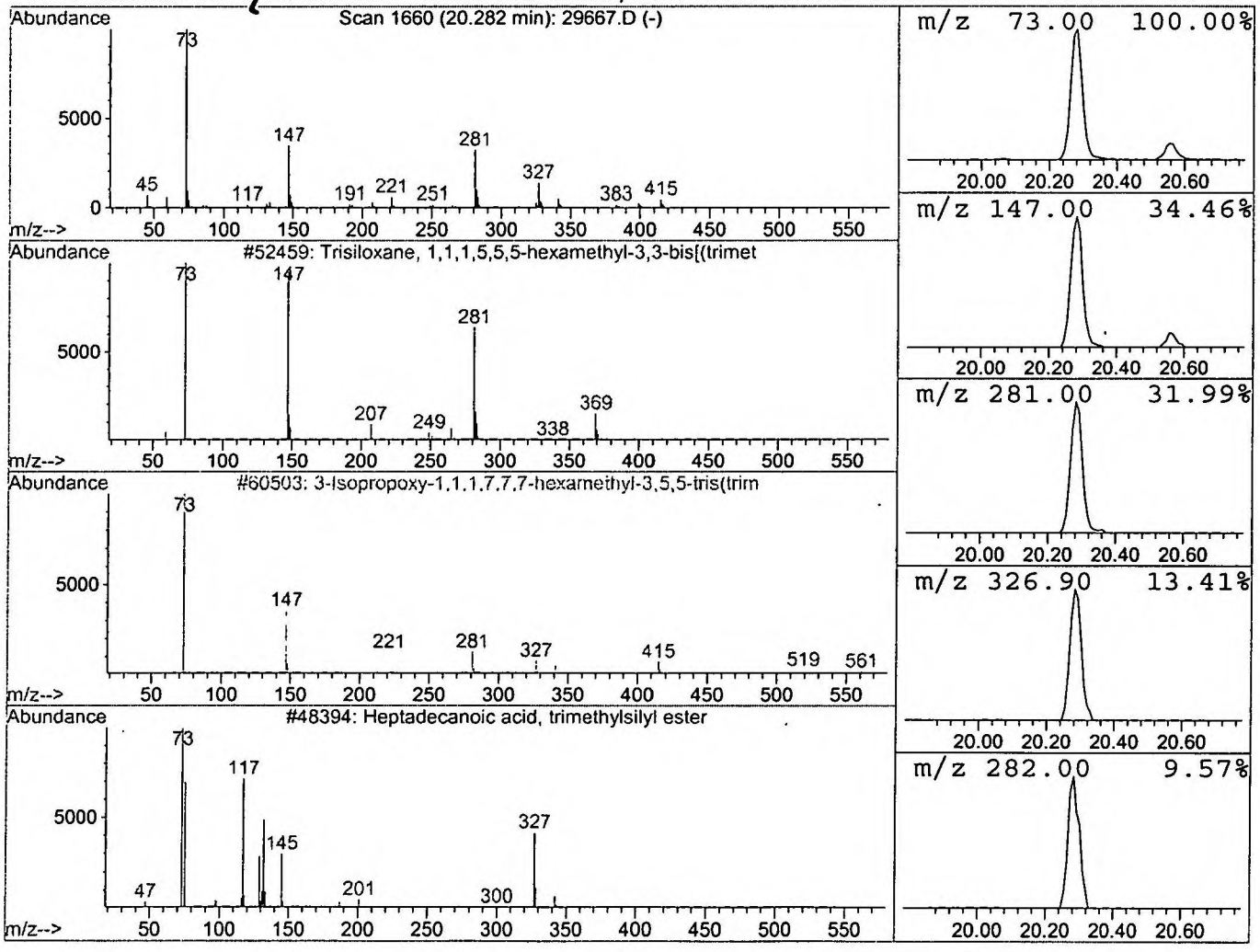
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.38 ug/l	201815	Acenaphthene-d10	20.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	38
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	32
3	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	12
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\29667.D
Acq On : 2 Jan 2002 8:14 pm
Sample : gcms scan 12/7
Misc :
MS Integration Params: LSCINT.P

Vial: 56
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

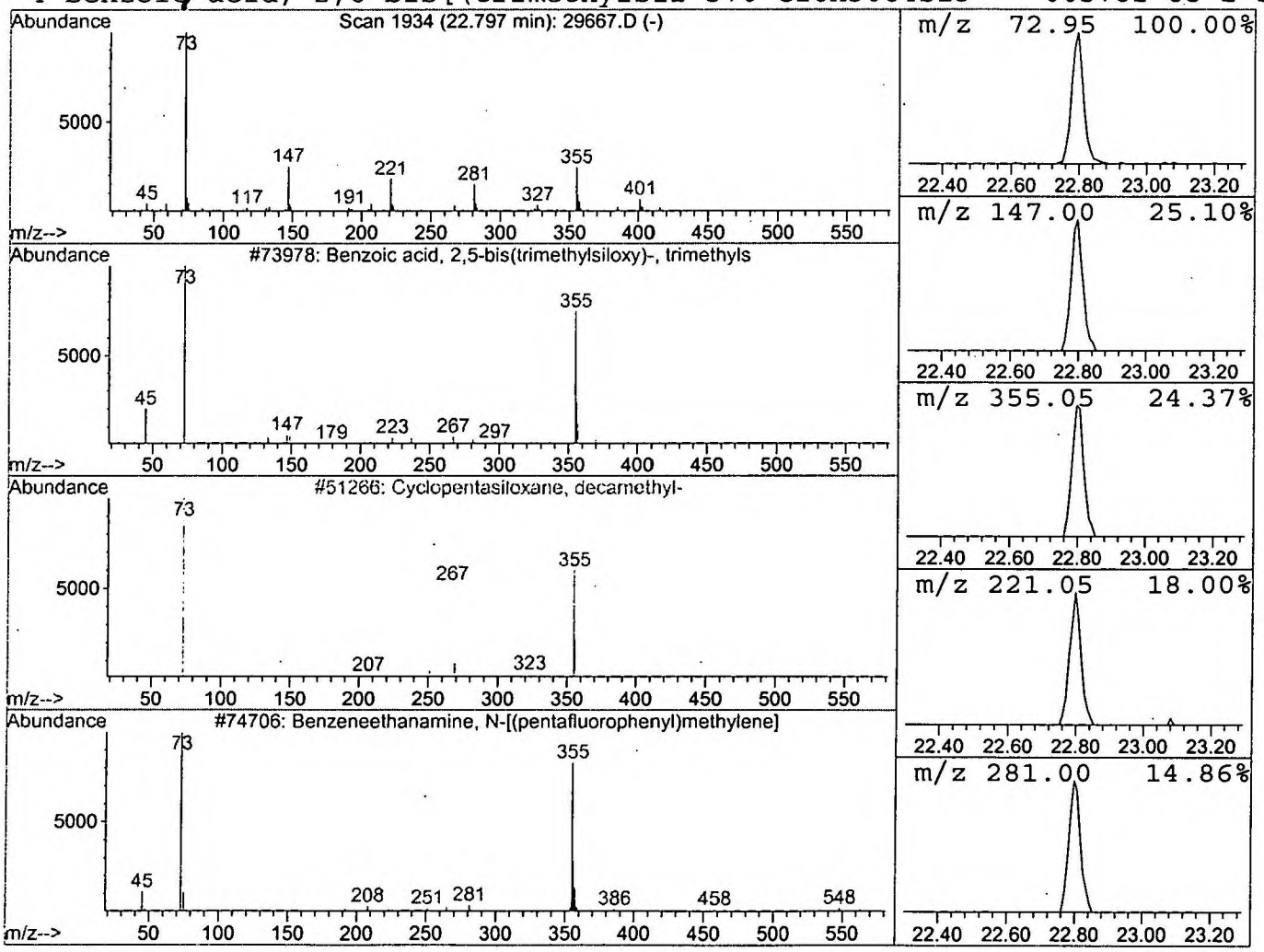
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Benzoic acid, 2,5-bis(trimethy Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.22 ug/l	114755	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	37
3	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37
4	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	28



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 8:14 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\29667.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
3-Pentanol, 3-methyl	7.60	2.6	ug/l	1098190	ISTD01	11.67	8400080	20.0
Cyclotetrasiloxane,	11.13	0.8	ug/l	321307	ISTD01	11.67	8400080	20.0
2-Propanol, 1-(2-met	11.36	0.3	ug/l	130664	ISTD01	11.67	8400080	20.0
1-Propanol, 2-(2-hyd	11.44	0.3	ug/l	142437	ISTD01	11.67	8400080	20.0
Cyclopentasiloxane,	14.31	0.8	ug/l	378391	ISTD02	15.28	10018400	20.0
4-Amino-5-imidazole	17.45	0.7	ug/l	351731	ISTD02	15.28	10018400	20.0
Trisiloxane, 1,1,1,5	20.28	0.4	ug/l	201815	ISTD03	20.57	10686800	20.0
Benzoic acid, 2,5-bi	22.80	0.2	ug/l	114755	ISTD04	24.98	10239400	20.0

29667.D GCMS1126.M Wed Jan 16 14:48:12 2002