User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/08/2002 Time: 12:59:24

Sample: AD29735
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/8/02 12:59 Ended: 2/8/02 12:59 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AD29735 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-08-2002 Time: 13:02:04

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

Quantitation Report (QT Reviewed)

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:18 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 Jan 25 15:57:52 2002
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	1026405	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3910113	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1918402	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.98	188	2821753	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	1674900	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	930609	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	133925	4.32	ug/mL	0.00
Spiked Amount 5.000			Recovery = 86.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.25	74	389	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	15.35	128	488	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	21.23	165	364	N.D.		
25) Diethylphthalate	22.15	149	875	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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Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:18 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 Jan 25 15:57:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

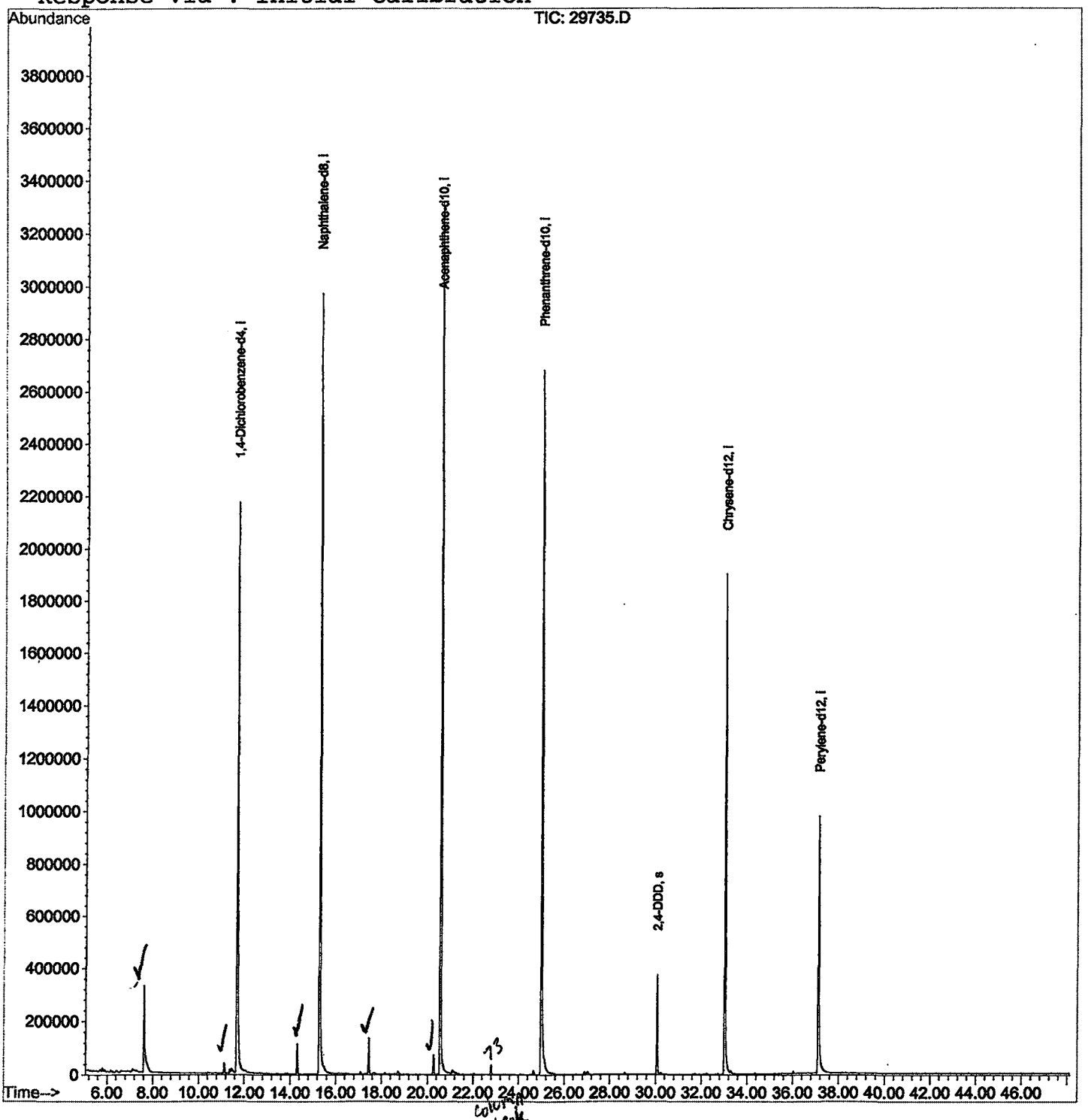
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	708	N.D.	
34)	Anthracene	24.98	178	708	N.D.	
35)	Di-n-butylphthalate	27.04	149	22784	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.03	228	4301	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	3998	N.D.	
43)	Chrysene	33.03	228	4301	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	3660	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 : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 29 11:18 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN 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

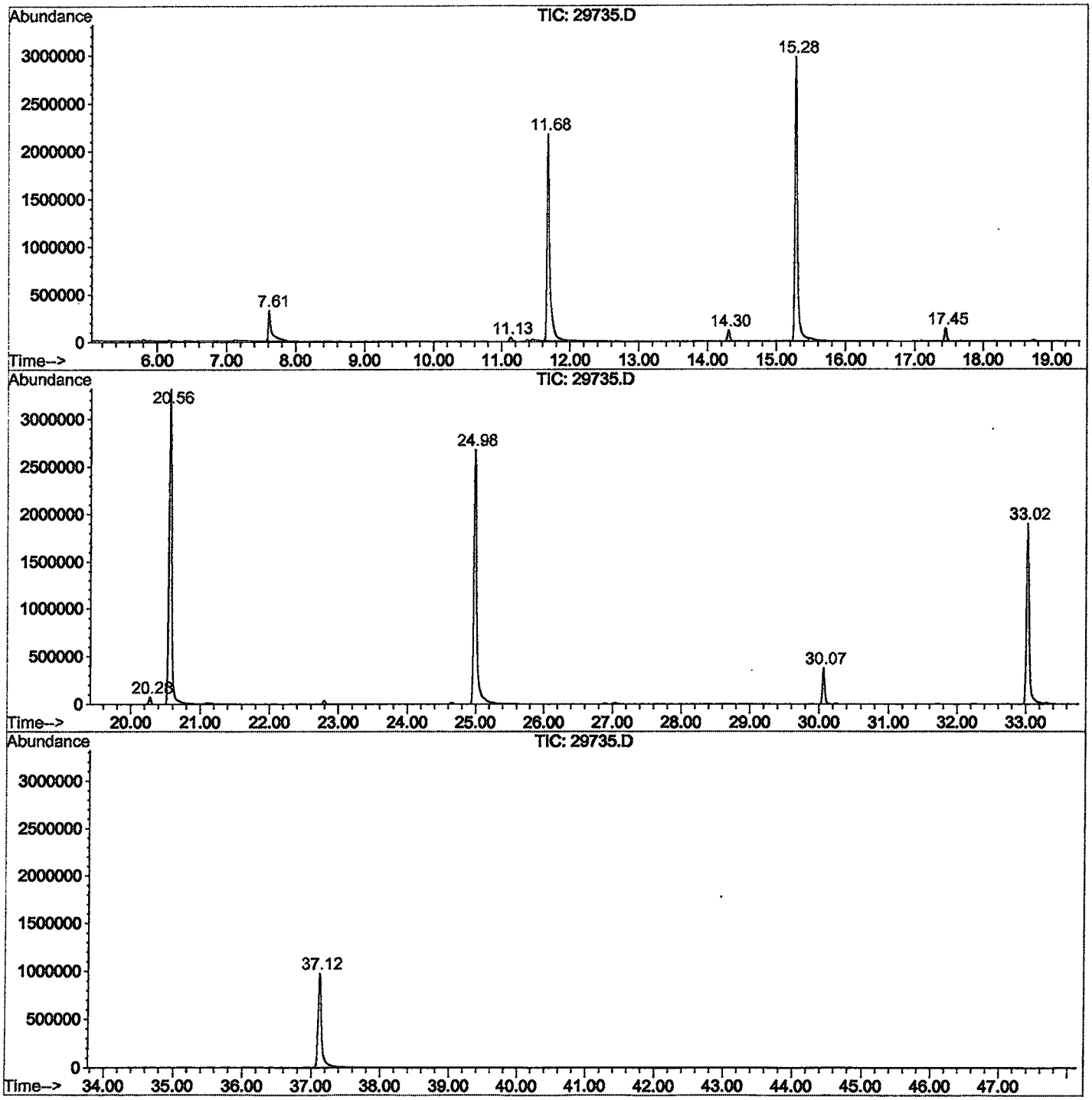
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.611	276	280	310	rBV	322716	1116753	13.27%	2.656%
2	11.127	657	663	672	rBV	40139	106666	1.27%	0.254%
3	11.678	718	723	754	rBV	2168969	6424020	76.35%	15.280%
4	14.304	1004	1009	1016	rBV	113577	257801	3.06%	0.613%
5	15.277	1110	1115	1135	rBV	2970648	7791040	92.60%	18.532%
6	17.453	1347	1352	1361	rVB	136213	287077	3.41%	0.683%
7	20.280	1654	1660	1666	rBV	74186	157332	1.87%	0.374%
8	20.565	1684	1691	1715	rBV	3318158	8413735	100.00%	20.013%
9	24.980	2166	2172	2213	rBV2	2679107	7862071	93.44%	18.701%
10	30.066	2720	2726	2737	rBV	375022	851013	10.11%	2.024%
11	33.022	3041	3048	3075	rBV2	1898948	5370299	63.83%	12.774%
12	37.117	3487	3494	3524	rBV	974364	3404058	40.46%	8.097%

Sum of corrected areas: 42041865

29735.D GCMS1126.M Tue Jan 29 14:26:51 2002

LSC Report - Integrated Chromatogram

File : M:\INSTRU~1\209\DATA\DEC2701\29735.D
Operator : 209 GALOS
Acquired : 29 Dec 2001 3:45 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



29735.D GCMS1126.M Tue Jan 29 14:26:57 2002

Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D
Acq On : 29 Dec 2001 3:45 pm
Sample : GC/MS SCAN
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

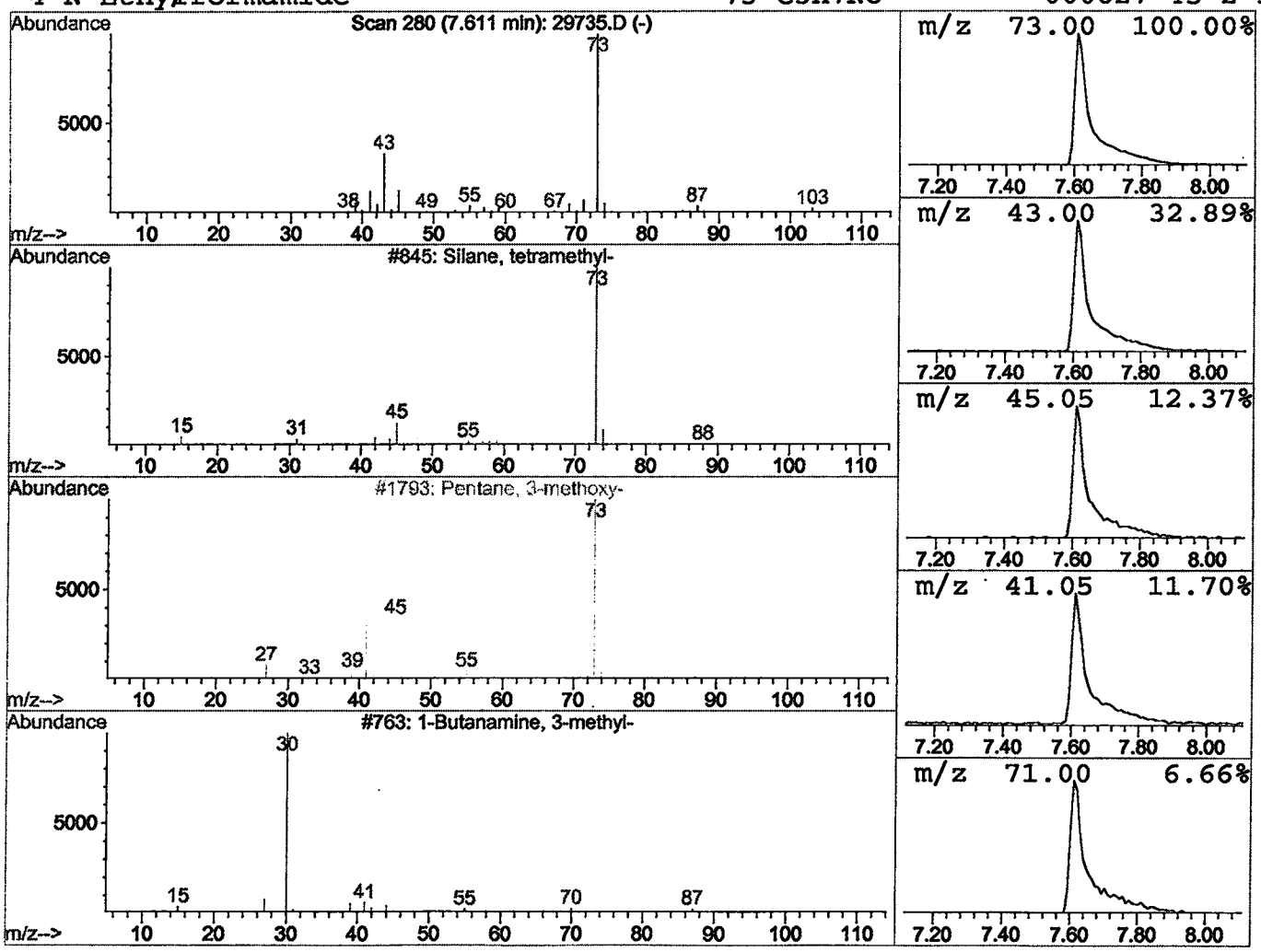
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.48 ug/l	1116750	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

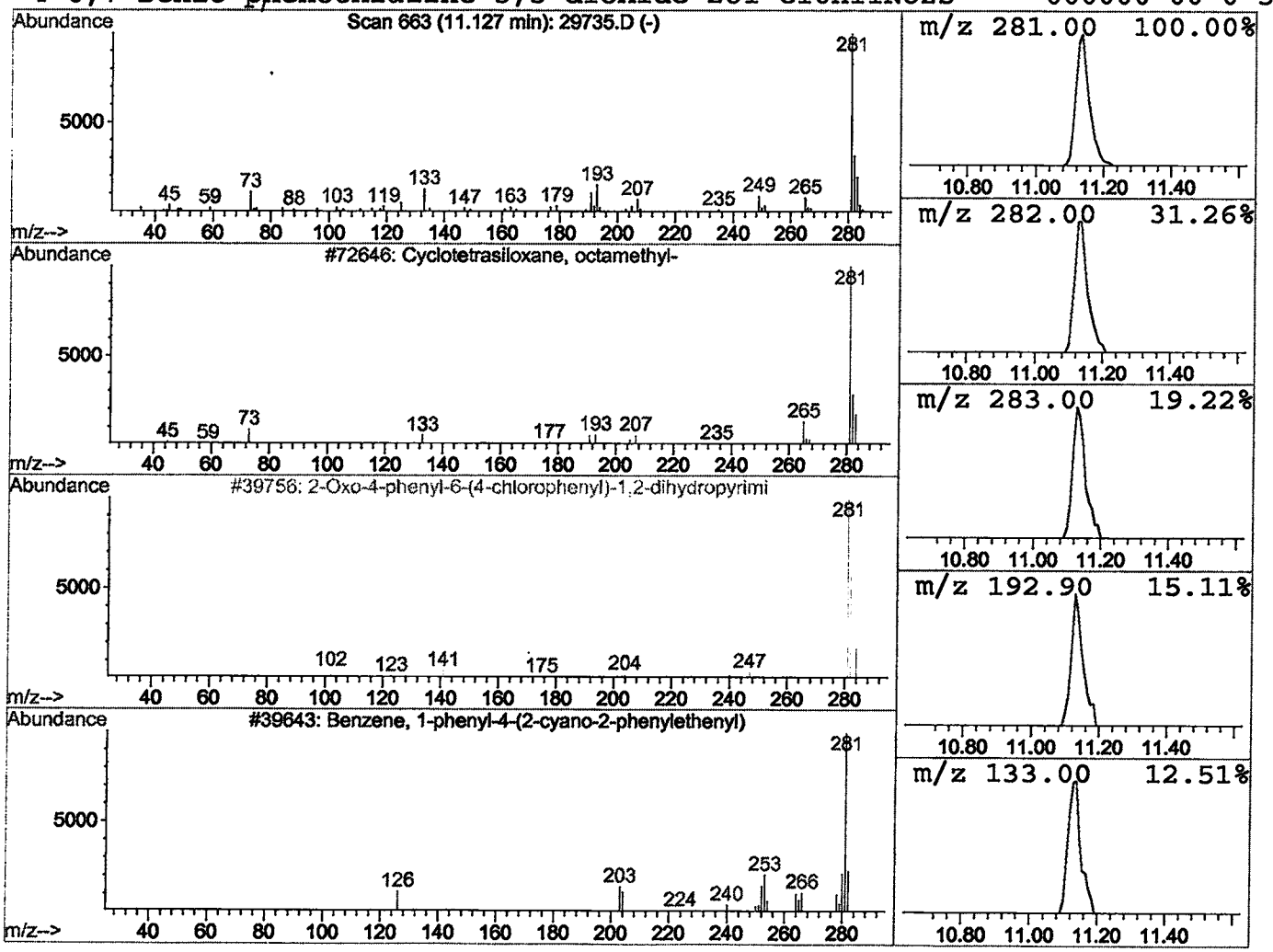
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	0.33 ug/l	106666	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	35
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	5



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

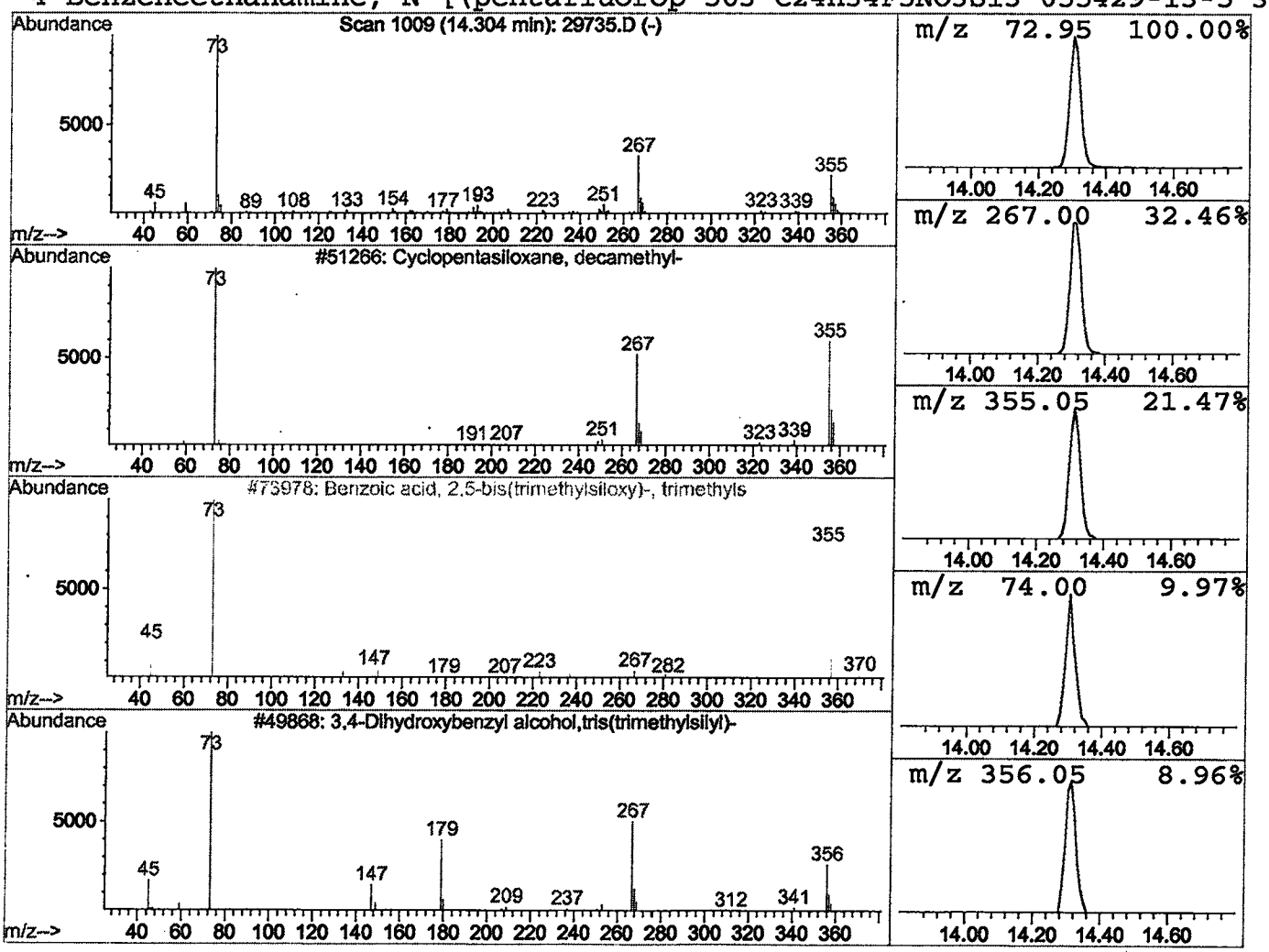
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	0.66 ug/l	257801	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	47
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

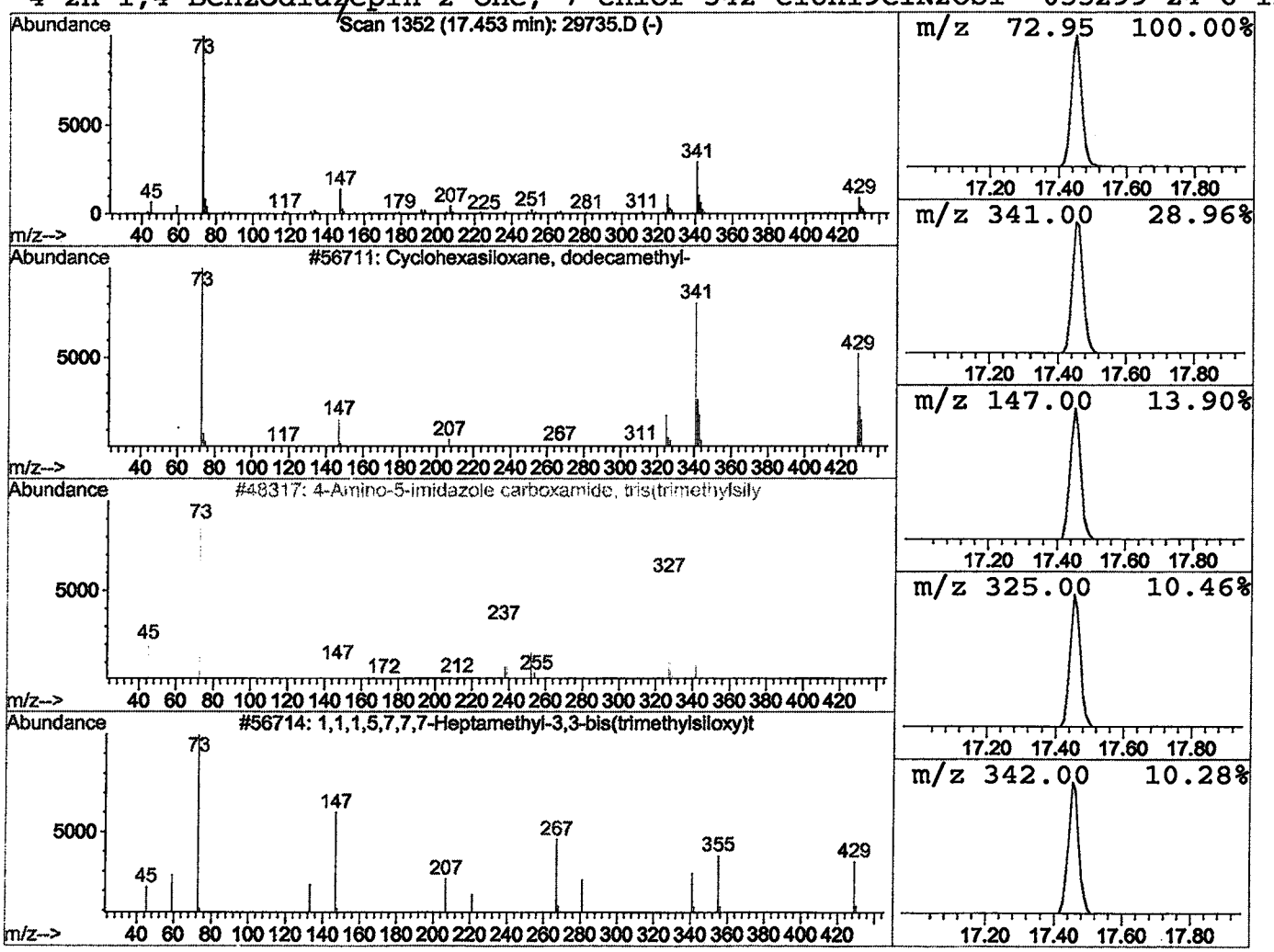
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	0.74 ug/l	287077	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	32
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12



Library Search Compound Report

Data File : M:\INSTRU~1\209\DATA\DEC2701\29735.D Vial: 18
Acq On : 29 Dec 2001 3:45 pm Operator: 209 GALOS
Sample : GC/MS SCAN Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

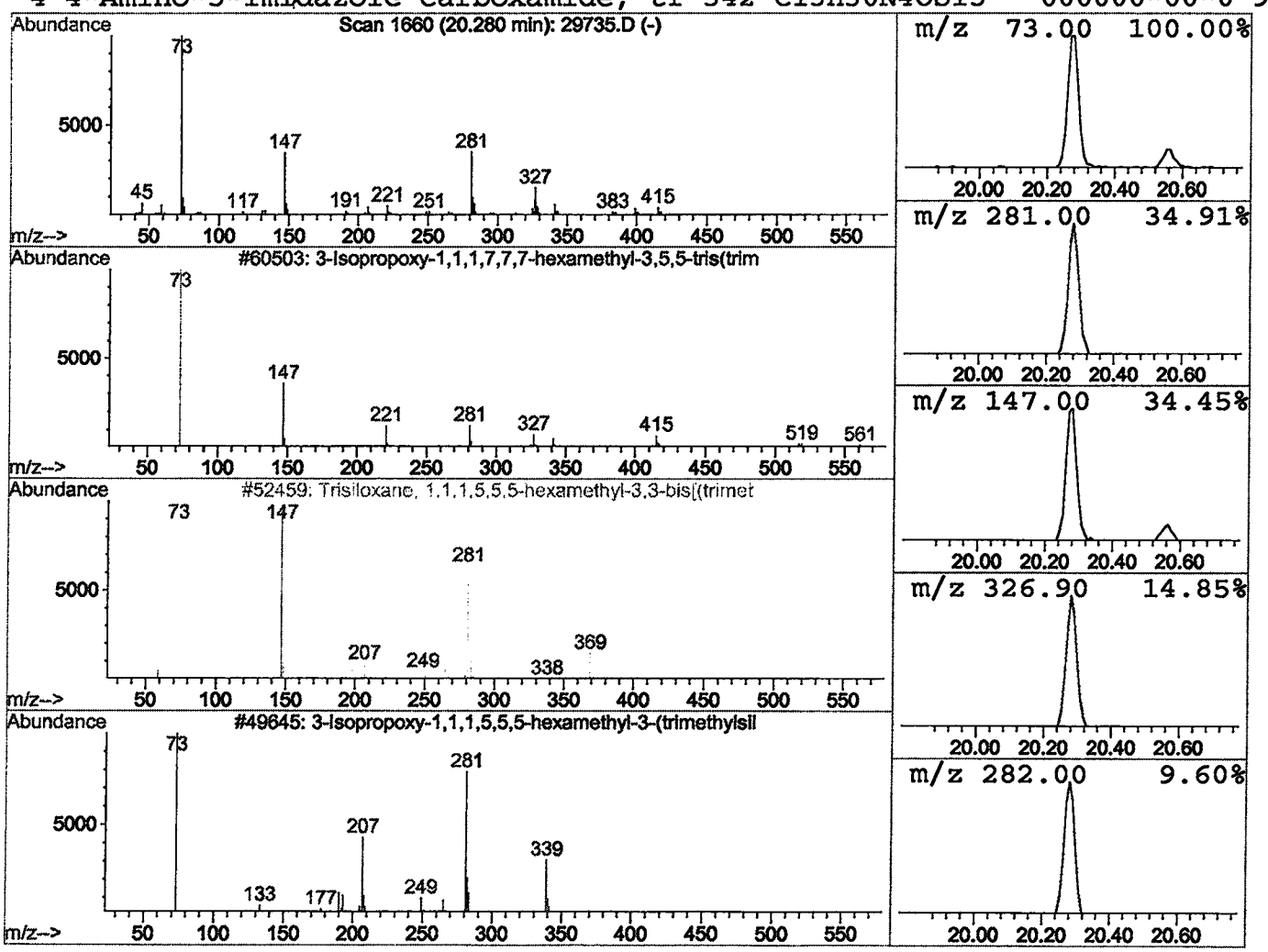
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	0.37 ug/l	157332	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	42
3	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	23
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Dec 2001 3:45 pm
Data File: M:\INSTRU~1\209\DATA\DEC2701\29735.D
Name: GC/MS SCAN
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	3.5	ug/l	1116750	ISTD01	11.68	6424020	20.0
Cyclotetrasiloxane,	11.13	0.3	ug/l	106666	ISTD01	11.68	6424020	20.0
Cyclopentasiloxane,	14.30	0.7	ug/l	257801	ISTD02	15.28	7791040	20.0
Cyclohexasiloxane, d	17.45	0.7	ug/l	287077	ISTD02	15.28	7791040	20.0
3-Isopropoxy-1,1,1,7	20.28	0.4	ug/l	157332	ISTD03	20.56	8413740	20.0

29735.D GCMS1126.M Tue Jan 29 14:27:28 2002

column leak