L
ept. of Labs & Research
5/2002 Time: 12:15:44

ple: AD30695
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 12:15 Ended: 1/25/02 12:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AD30695 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-25-2002 Time: 12:16:09

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 2 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30695.D Vial: 32
Acq On : 1 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 19:48 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	11.68	152	757692	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	2867072	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1451584	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2111611	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1171060	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	627941	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	121314	5.23	ug/mL	0.00
Spiked Amount 5.000			Recovery = 104.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.20	74	356	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	13.88	82	116	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	344	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	21.34	165	213	N.D.		
25) Diethylphthalate	22.14	149	1475	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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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	647	N.D.	
34)	Anthracene	24.99	178	647	N.D.	
35)	Di-n-butylphthalate	27.04	149	5616	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.71	149	388	N.D.	
41)	Benzo(a)anthracene	33.02	228	2783	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.31	149	4572	N.D.	
43)	Chrysene	33.02	228	2783	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	2653	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

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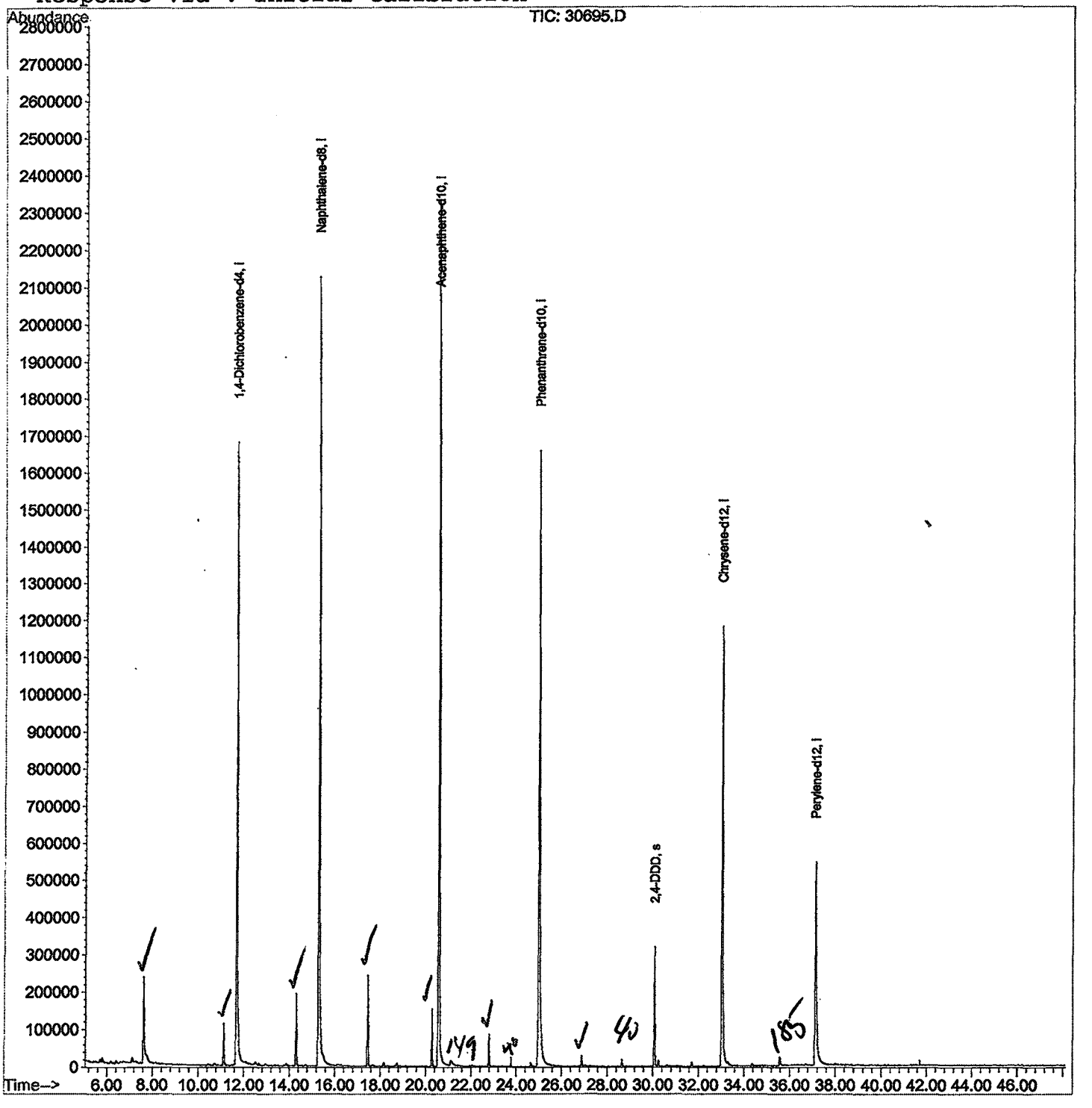
Acq On : 1 Jan 2002 6:59 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 1 19:48 2002

Vial: 32
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\30695.D Vial: 32
Acq On : 1 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : gcms scan 12/19 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

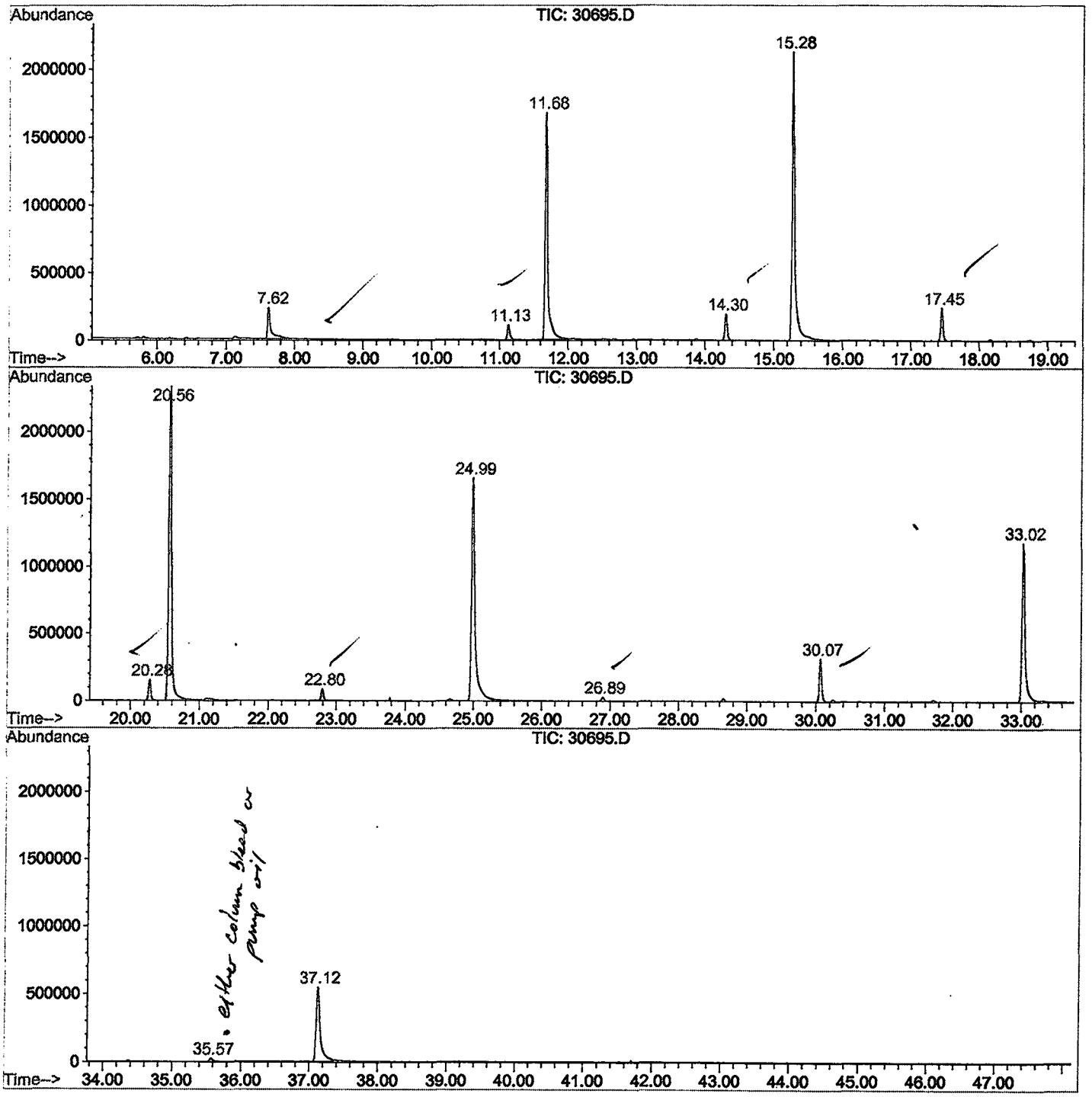
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.620	276	281	310	rBV	229867	817376	12.66%	2.511%
2	11.127	658	663	672	rBV	111239	273954	4.24%	0.842%
3	11.678	718	723	760	rBV	1675695	4675407	72.41%	14.361%
4	14.303	1004	1009	1020	rBV	192731	456884	7.08%	1.403%
5	15.276	1110	1115	1155	rBV	2125462	5891856	91.25%	18.098%
6	17.452	1346	1352	1361	rBV	241890	555243	8.60%	1.706%
7	20.280	1654	1660	1667	rBV	152984	337096	5.22%	1.035%
8	20.564	1684	1691	1718	rBV	2332262	6456605	100.00%	19.833%
9	22.795	1929	1934	1941	rVB	84796	186974	2.90%	0.574%
10	24.989	2164	2173	2208	rBV2	1658163	5946541	92.10%	18.266%
11	26.889	2373	2380	2386	rBV	28565	68079	1.05%	0.209%
12	30.066	2720	2726	2740	rBV	318831	762212	11.81%	2.341%
13	33.022	3042	3048	3076	rBV2	1179962	3775568	58.48%	11.597%
14	35.574	3319	3326	3333	rBV4	23318	77417	1.20%	0.238%
15	37.116	3487	3494	3520	rBV	542645	2273998	35.22%	6.985%

Sum of corrected areas: 32555210

30695.D GCMS1126.M Wed Jan 23 08:33:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30695.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 6:59 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19
Misc Info :
Vial Number: 32
Quant File :GCMS1126.RES (RTE Integrator)



30695.D GCMS1126.M Wed Jan 23 08:33:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30695.D
Acq On : 1 Jan 2002 6:59 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

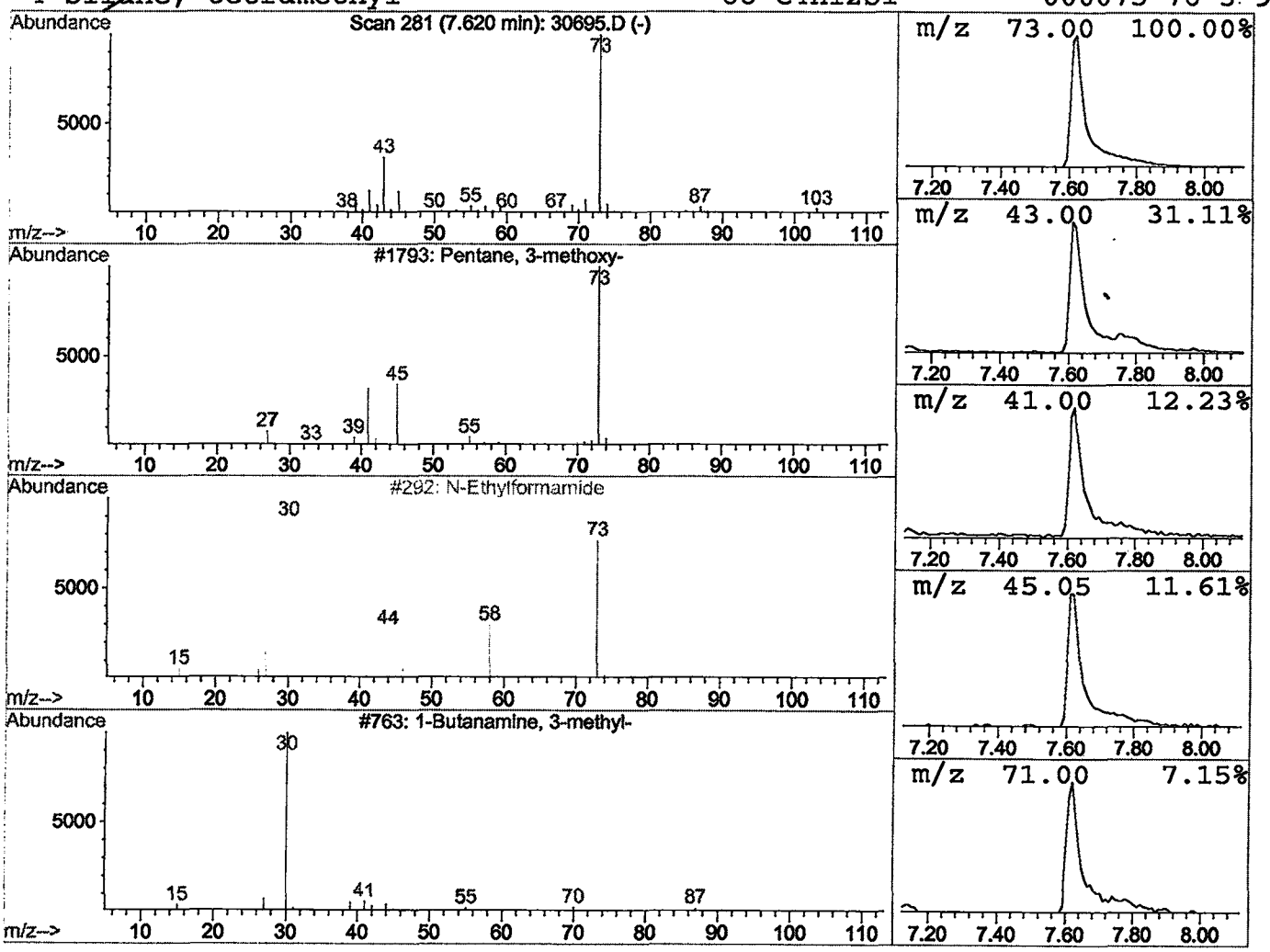
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.50 ug/l	817376	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

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Acq On : 1 Jan 2002 6:59 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

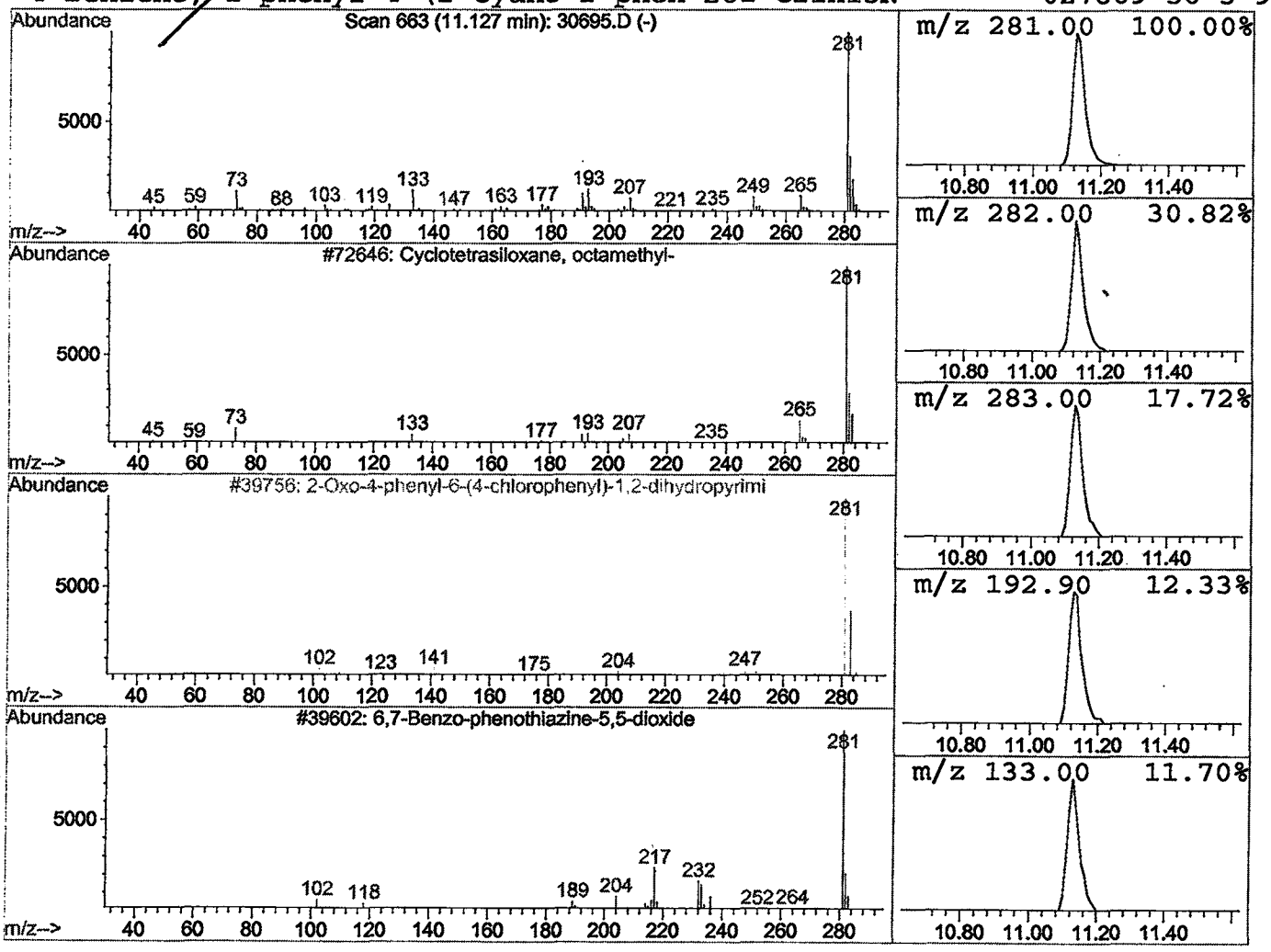
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	1.17 ug/l	273954	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
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	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30695.D Vial: 32
Acq On : 1 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : gcms scan 12/19 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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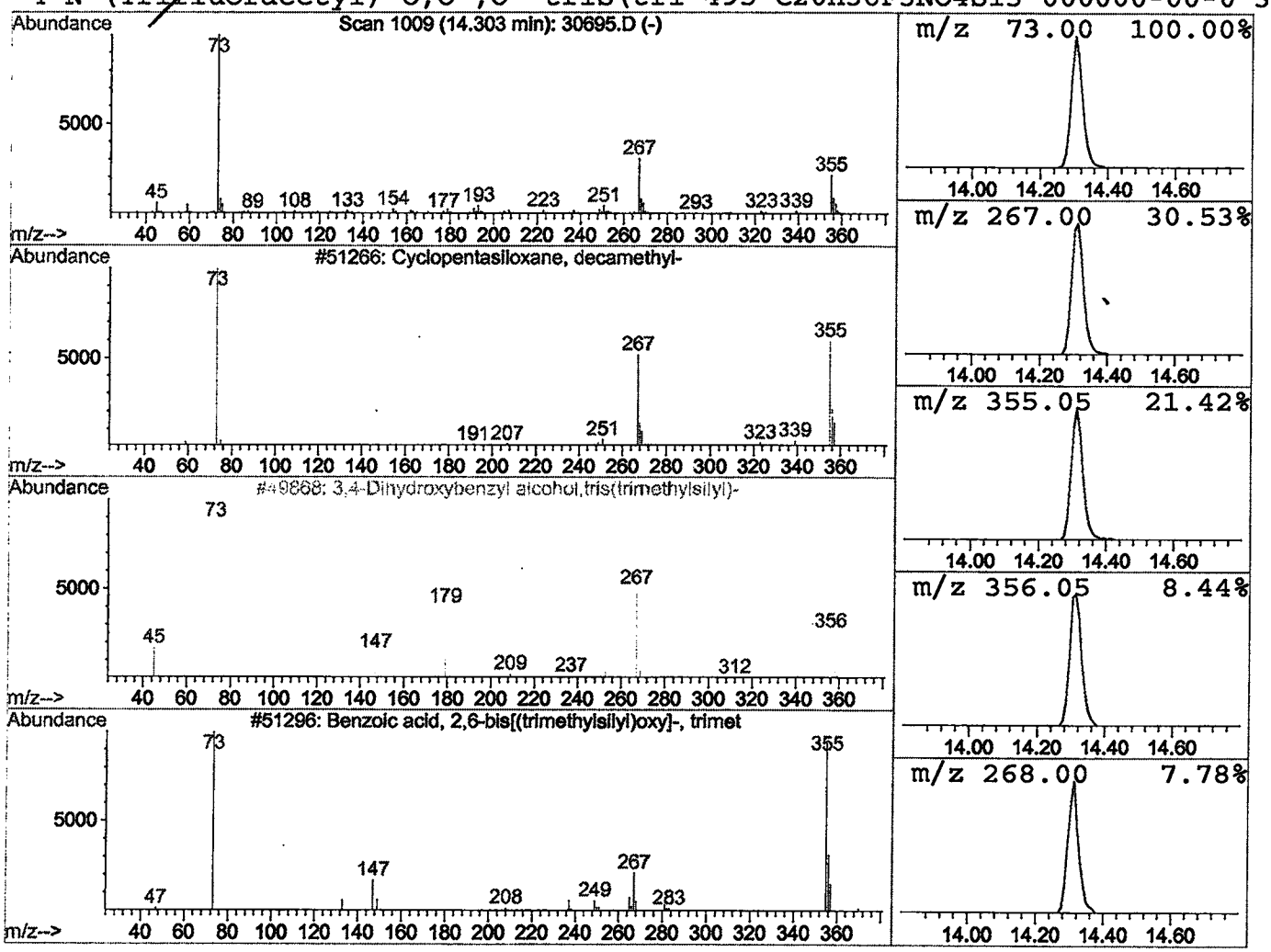
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	1.55 ug/l	456884	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	64
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	46
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	38



Library Search Compound Report

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Acq On : 1 Jan 2002 6:59 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
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

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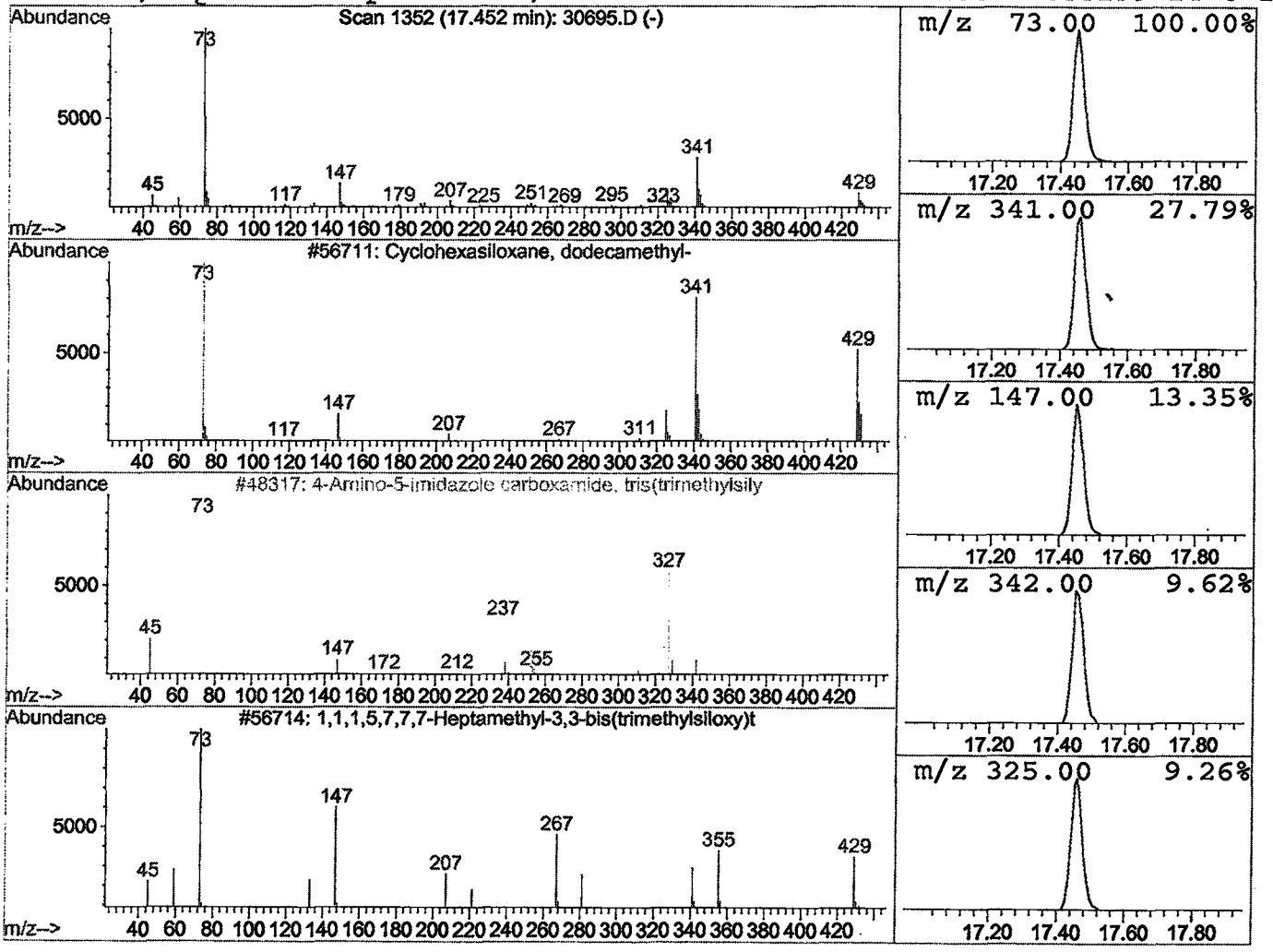
Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	1.88 ug/l	555243	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	27
4	2H-1,4-Benzodiazepin-2-one, 7-chlor	342	C18H19ClN2OSi	055299-24-6	12



Library Search Compound Report

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Acq On : 1 Jan 2002 6:59 pm
Sample : gcms scan 12/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
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

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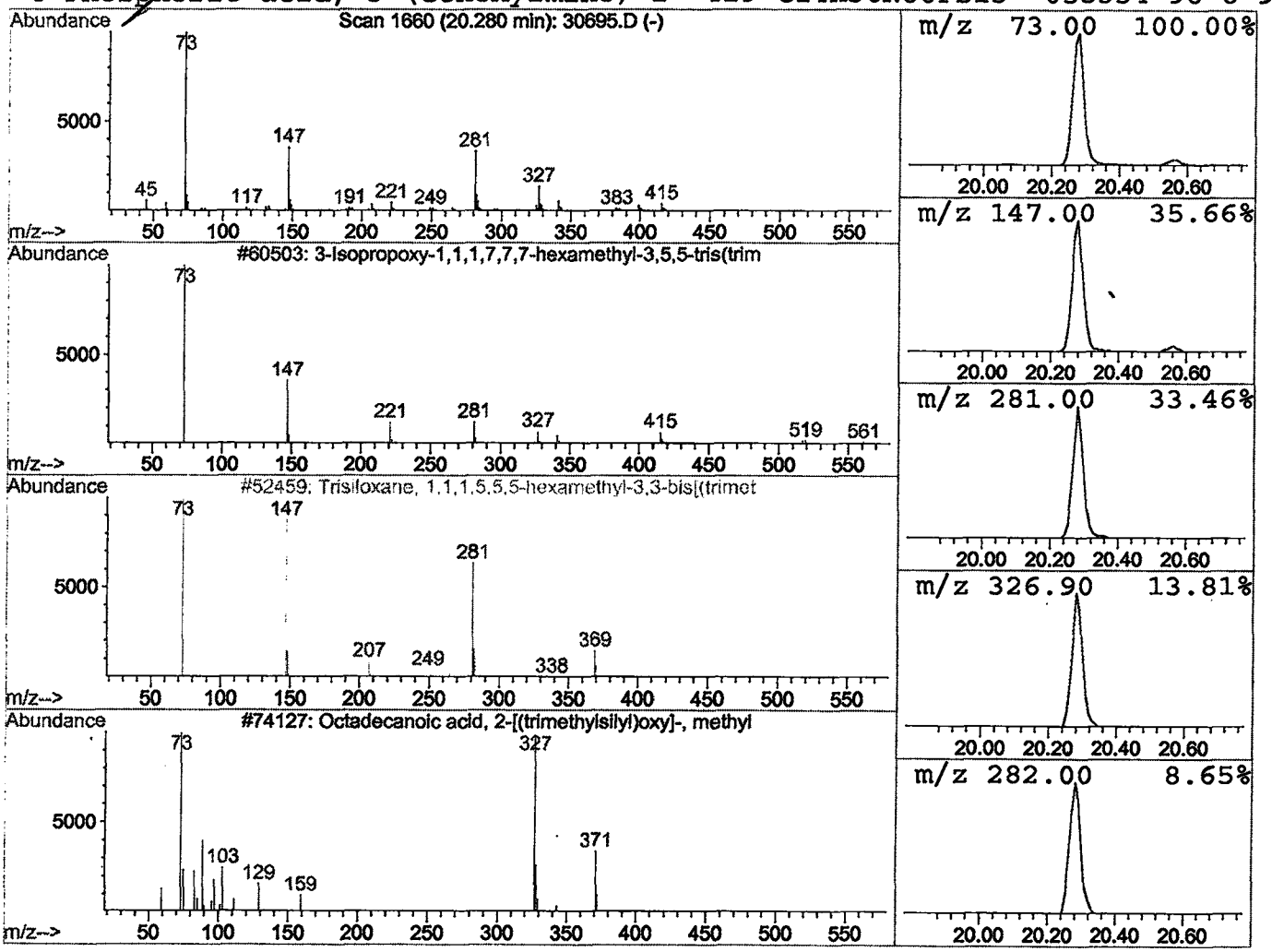
Peak Number 5 3-Isopropoxy-1,1,1,7,7,7-hexam Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.28	1.04 ug/l	337096	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	38
2	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	33
3	Octadecanoic acid, 2-[(trimethylsil	386	C22H46O3Si	056196-58-8	9
4	Phosphoric acid, 3-(ethoxyimino)-2-	429	C14H36NO6PSi3	055334-96-8	9



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MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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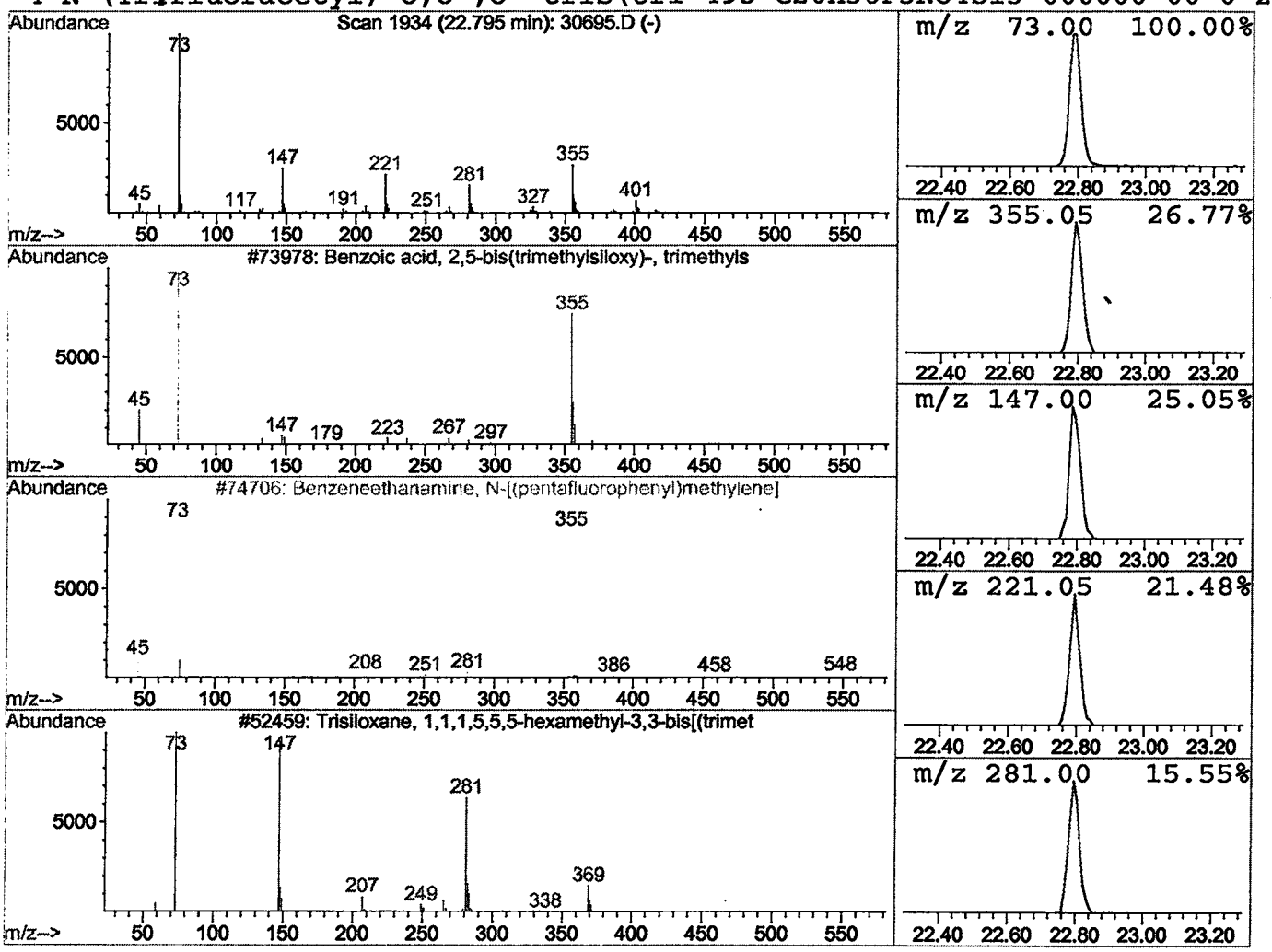
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Benzoic acid, 2,5-bis(trimethy Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	0.63 ug/l	186974	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	35
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	25
3	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	25
4	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	22



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Acq On : 1 Jan 2002 6:59 pm Operator: 209 GALOS
Sample : gcms scan 12/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
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Library : C:\DATABASE\NBS75K.L

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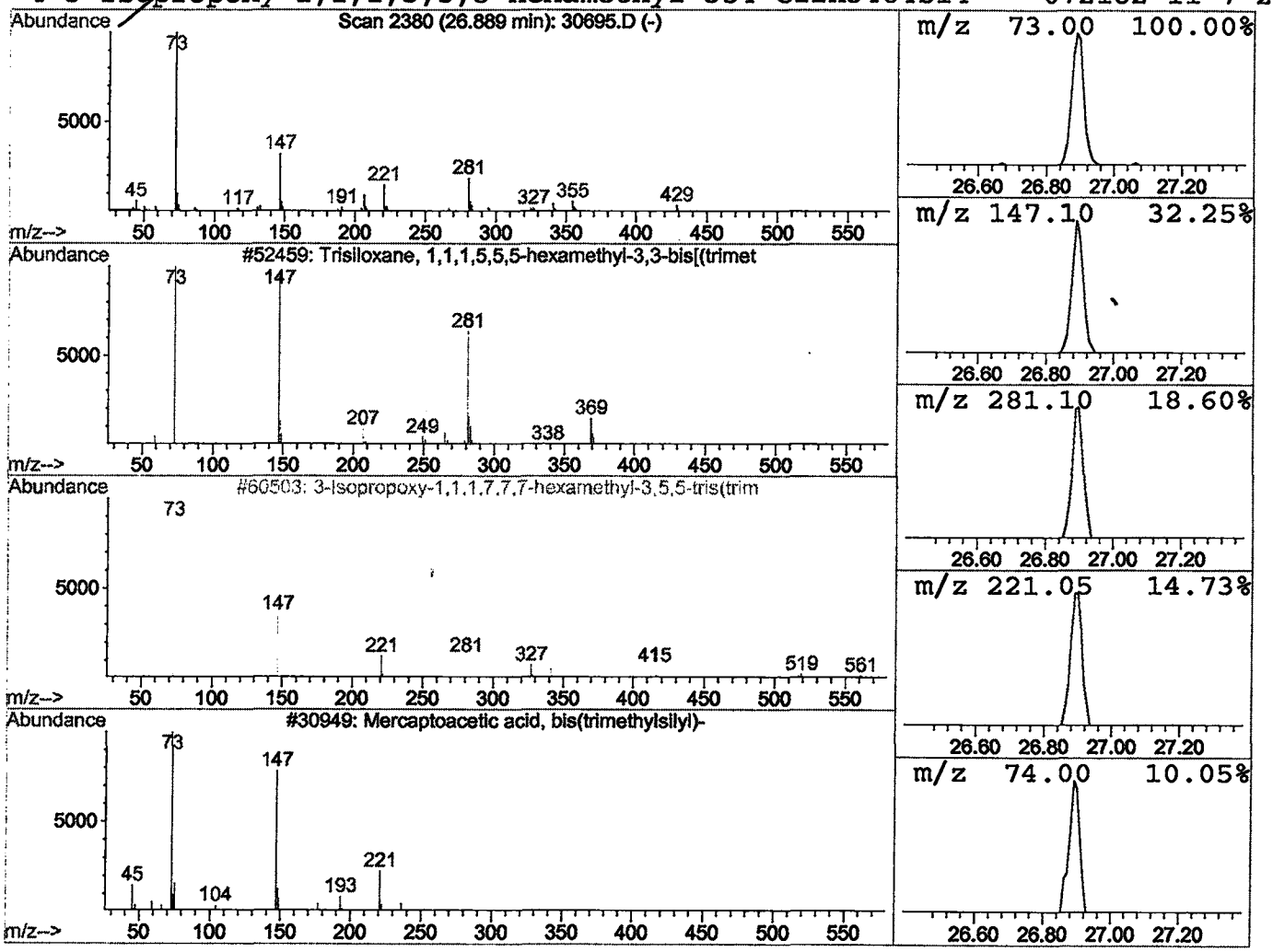
Peak Number 7 Trisiloxane, 1,1,1,5,5,5-hexam Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.89	0.23 ug/l	68079	Phenanthrene-d10	24.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamethyl	384	C12H36O4Si5	003555-47-3	47
2	3-Isopropoxy-1,1,1,7,7,7-hexamethyl	576	C18H52O7Si7	071579-69-6	45
3	Mercaptoacetic acid, bis(trimethyls	236	C8H20O2SSi2	006398-62-5	25
4	3-Isopropoxy-1,1,1,5,5,5-hexamethyl	354	C12H34O4Si4	072182-11-7	23



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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

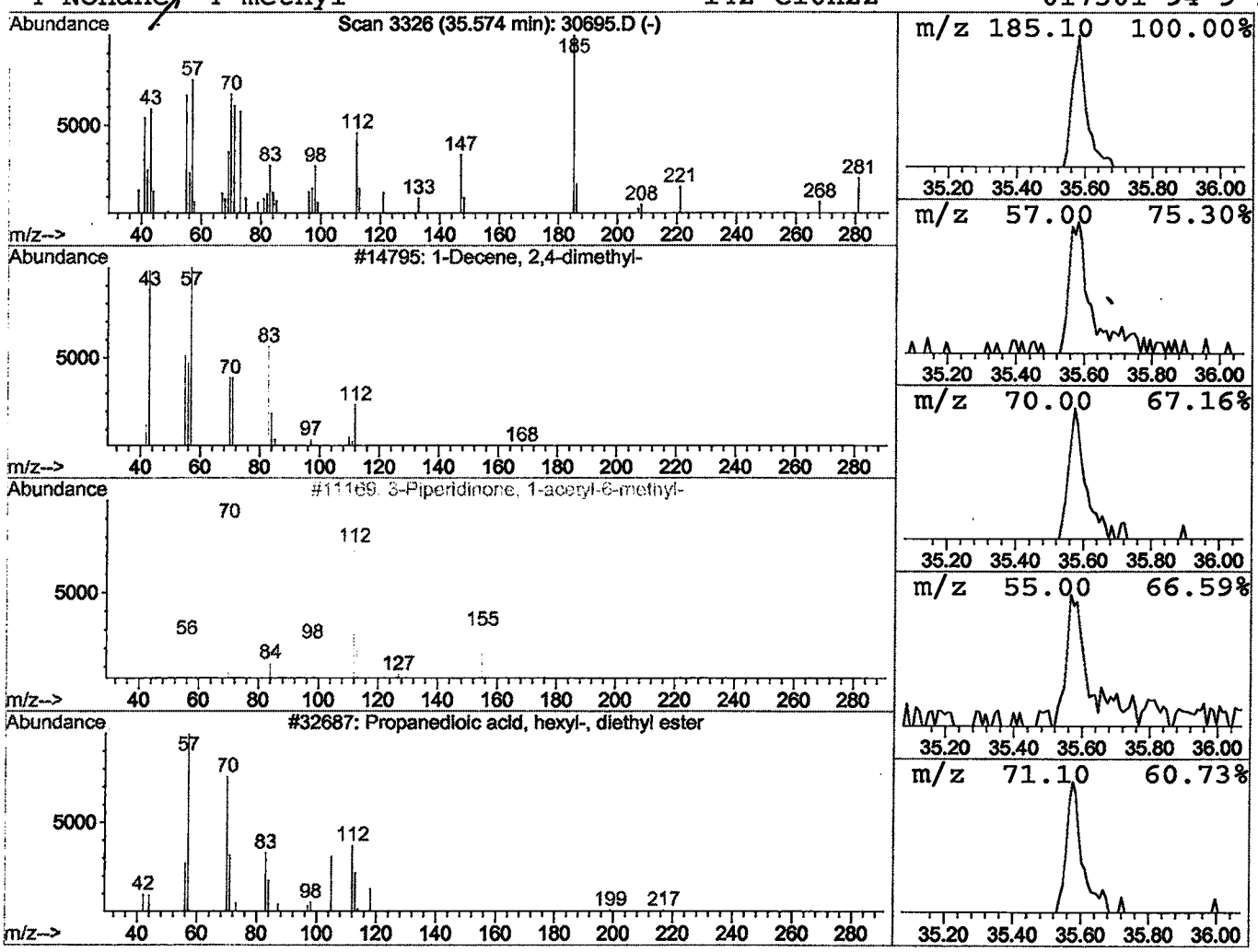
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 1-Decene, 2,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.57	0.68 ug/l	77417	Perylene-d12	37.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	16
2	3-Piperidinone, 1-acetyl-6-methyl-	155	C8H13NO2	054751-97-2	14
3	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	14
4	Nonane, 4-methyl-	142	C10H22	017301-94-9	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 6:59 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30695.D
Name: gcms scan 12/19
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
Pentane, 3-methoxy-	7.62	3.5	ug/l	817376	ISTD01	11.68	4675410	20.0
Cyclotetrasiloxane,	11.13	1.2	ug/l	273954	ISTD01	11.68	4675410	20.0
Cyclopentasiloxane,	14.30	1.6	ug/l	456884	ISTD02	15.28	5891860	20.0
Cyclohexasiloxane, d	17.45	1.9	ug/l	555243	ISTD02	15.28	5891860	20.0
3-Isopropoxy-1,1,1,7	20.28	1.0	ug/l	337096	ISTD03	20.56	6456610	20.0
Benzoic acid, 2,5-bi	22.80	0.6	ug/l	186974	ISTD04	24.99	5946540	20.0
Trisiloxane, 1,1,1,5	26.89	0.2	ug/l	68079	ISTD04	24.99	5946540	20.0
1-Decene, 2,4-dimeth	35.57	0.7	ug/l	77417	ISTD06	37.12	2274000	20.0

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Column bleed