User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/10/2002 Time: 08:44:47

Sample: AD30356
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/10/02 08:44 Ended: 1/10/02 08:44 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AD30356 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-10-2002 Time: 08:44:49

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\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:16 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	1058705	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	4036895	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	2053707	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2980274m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1868196	20.00	ug/l	-0.01
44) Perylene-d12	37.11	264	1161473	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	169011	5.16	ug/mL	0.00
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	1624	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	13.38	77	113	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	15.34	128	1873	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	21.24	165	199	N.D.		
25) Diethylphthalate	22.10	149	1769	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\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
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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

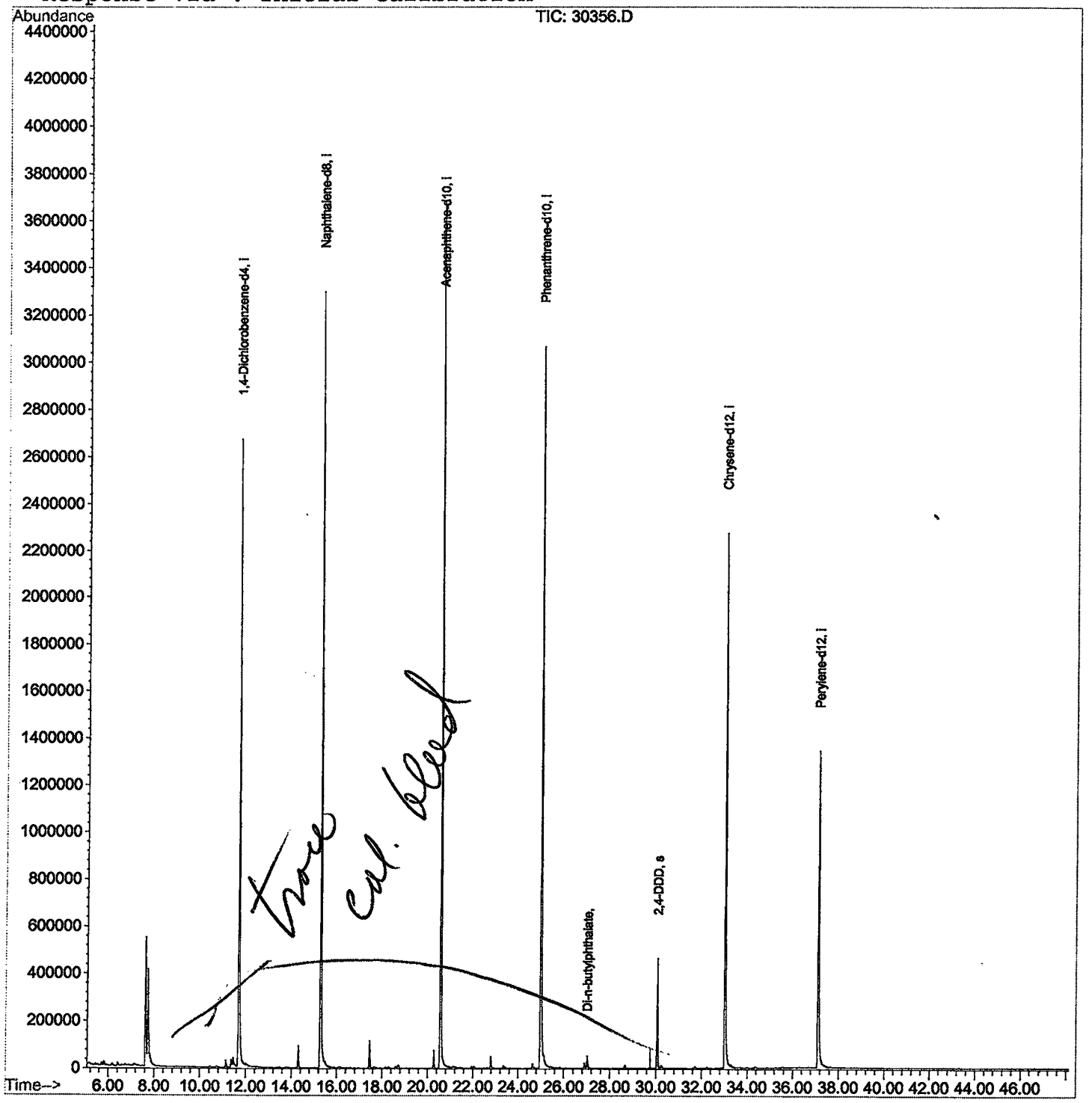
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	704	N.D.	
34)	Anthracene	25.04	178	704	N.D.	
35)	Di-n-butylphthalate	27.01	149	84467	0.40 ug/l #	
36)	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	33.02	228	4959	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	6465	N.D.	
43)	Chrysene	33.02	228	4959	N.D.	
45)	Di-n-Octylphthalate	35.46	149	112	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	37.12	252	4549	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\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:16 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 : C:\HPCHEM\1\DATA\DEC2701\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 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

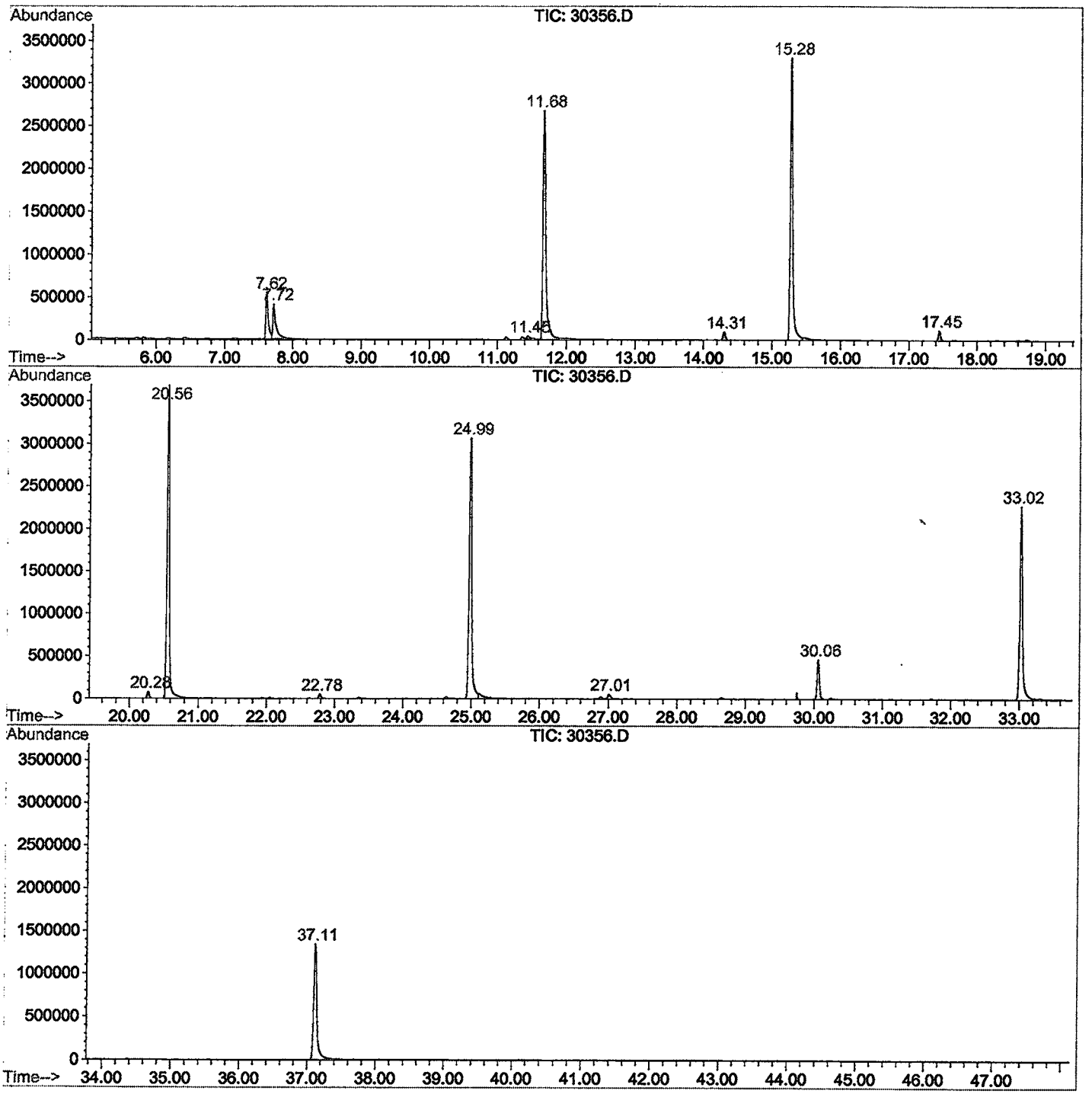
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.618	276	280	288	rBV	543247	1355477	15.19%	2.891%
2	7.719	288	291	313	rVB	404024	1267244	14.20%	2.703%
3	11.446	693	697	704	rVV	32213	91921	1.03%	0.196%
4	11.675	717	722	746	rBV	2668277	6717821	75.30%	14.330%
5	14.310	1002	1009	1016	rBV	94196	204572	2.29%	0.436%
6	15.283	1109	1115	1133	rBV	3296829	8109000	90.89%	17.298%
7	17.450	1345	1351	1360	rBV	116132	242834	2.72%	0.518%
8	20.277	1652	1659	1666	rBV	76426	159487	1.79%	0.340%
9	20.562	1683	1690	1711	rBV	3685370	8921738	100.00%	19.031%
10	22.784	1926	1932	1937	rBV	50401	109938	1.23%	0.235%
11	24.987	2163	2172	2185	rBV2	3066856	8181446	91.70%	17.452%
12	27.007	2387	2392	2404	rBV	53040	157060	1.76%	0.335%
13	30.064	2719	2725	2735	rBV	461894	1049562	11.76%	2.239%
14	33.020	3040	3047	3074	rBV2	2272201	6029008	67.58%	12.861%
15	37.114	3485	3493	3517	rBV	1337870	4282436	48.00%	9.135%

Sum of corrected areas: 46879544

30356.D GCMS1126.M Wed Jan 02 10:56:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2701\30356.D
Operator : 209 GALOS
Acquired : 28 Dec 2001 7:34 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: GC/MS SCAN 12/13
Misc Info :
Vial Number: 21
Quant File :GCMS1126.RES (RTE Integrator)



30356.D GCMS1126.M Wed Jan 02 10:56:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

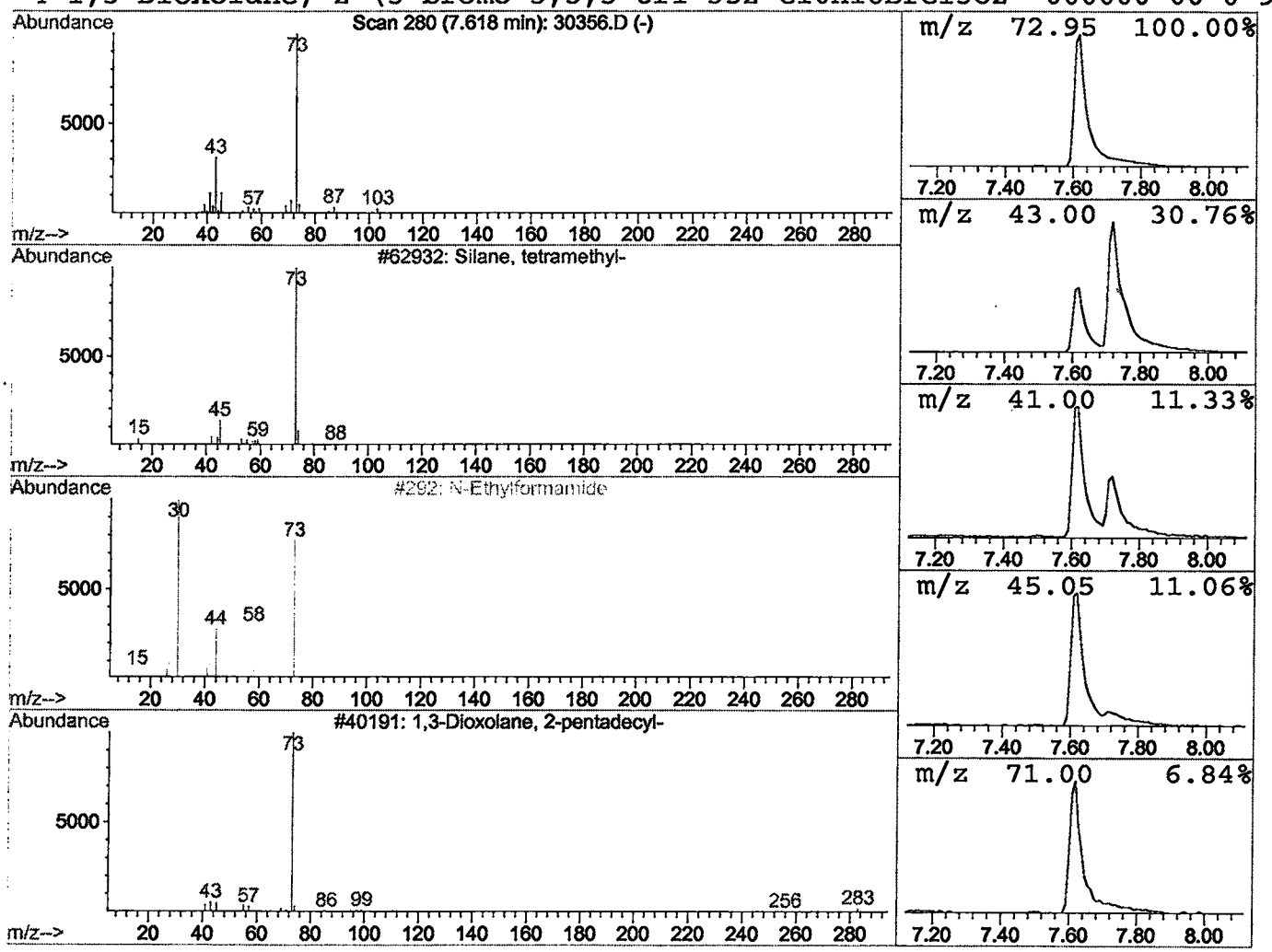
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	4.04 ug/l	1355480	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	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30356.D
Acq On : 28 Dec 2001 7:34 am
Sample : GC/MS SCAN 12/13
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

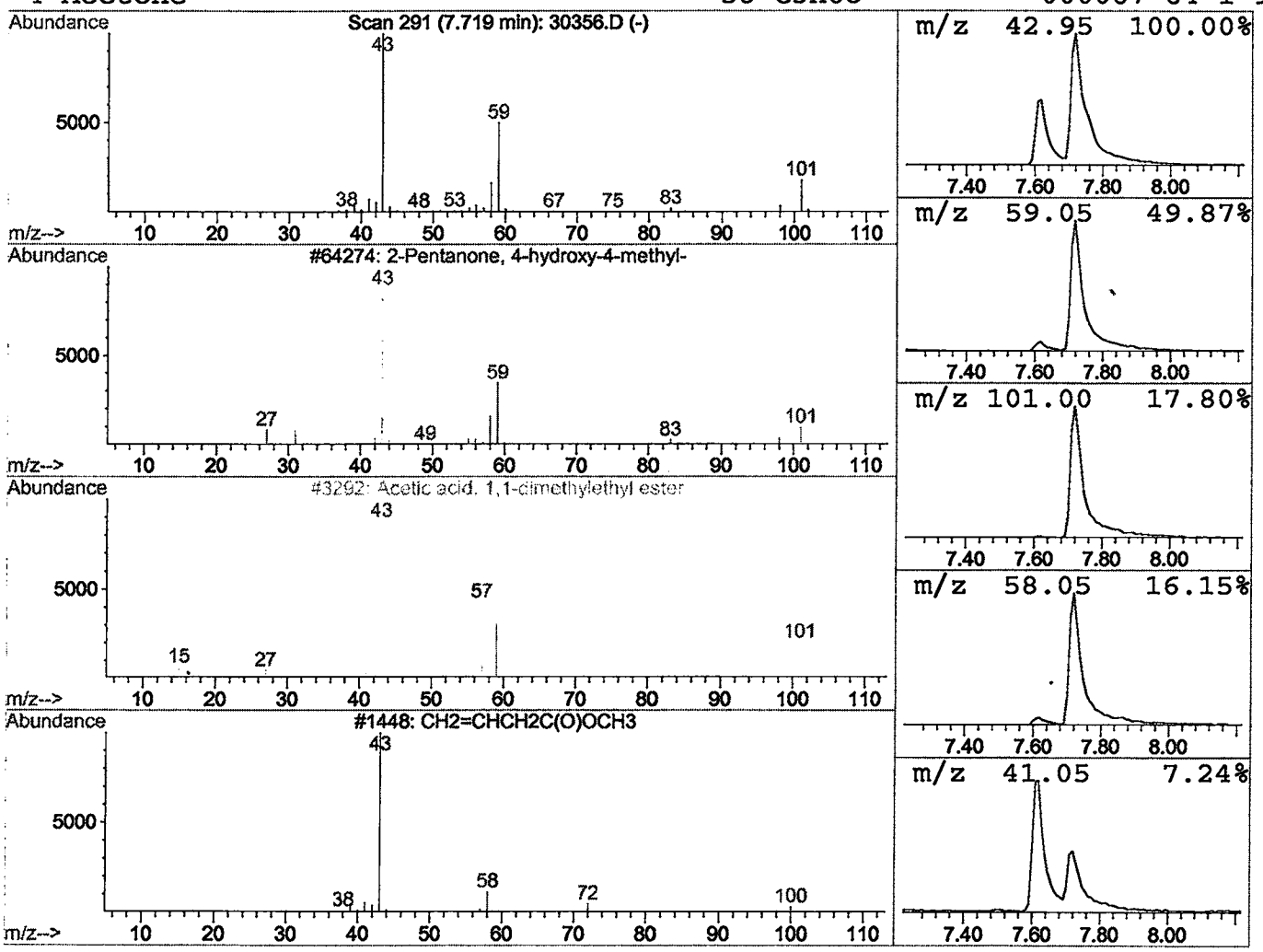
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	3.77 ug/l	1267240	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

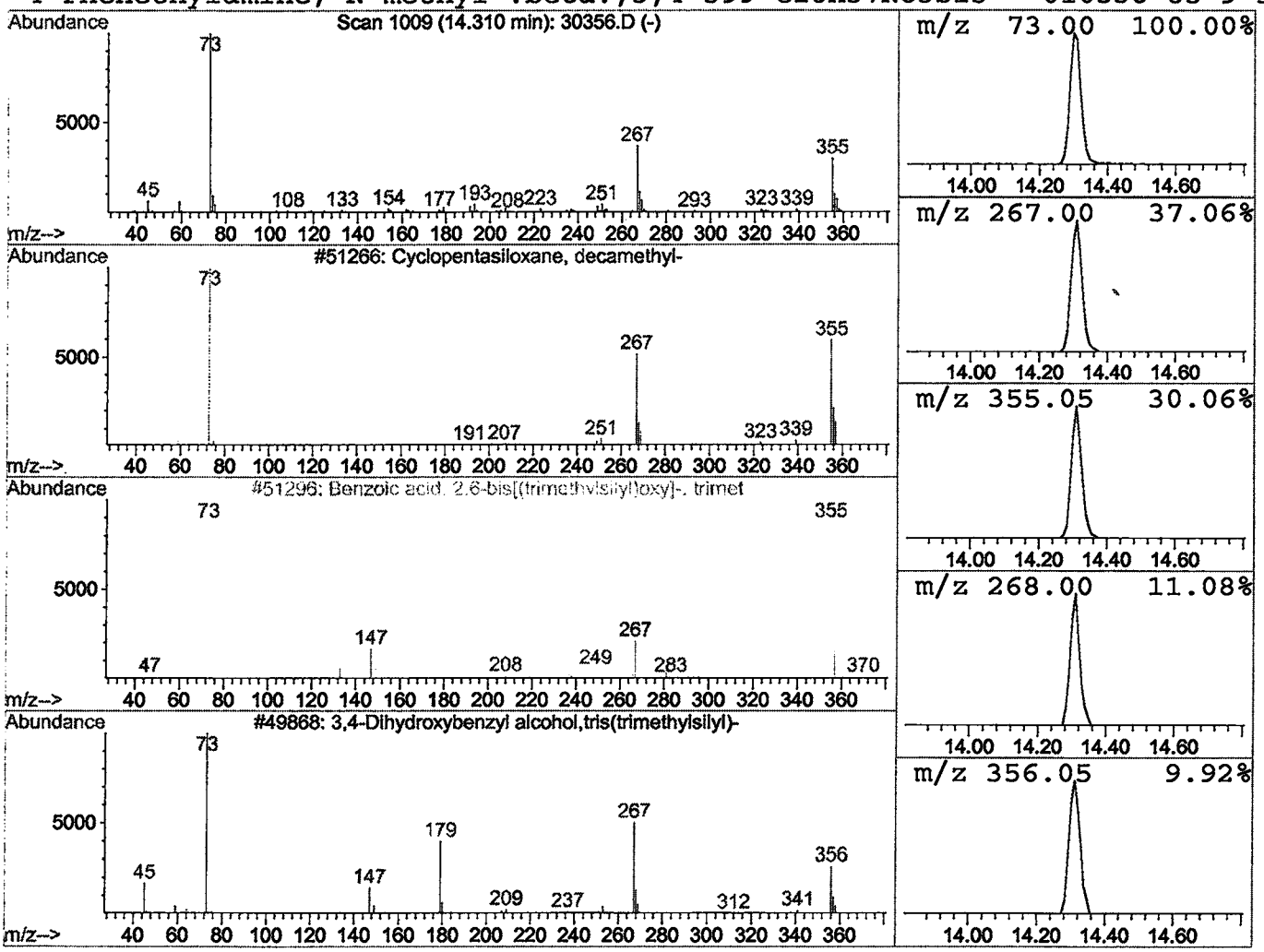
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	0.50 ug/l	204572	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	40
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
4	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2701\30356.D Vial: 21
Acq On : 28 Dec 2001 7:34 am Operator: 209 GALOS
Sample : GC/MS SCAN 12/13 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

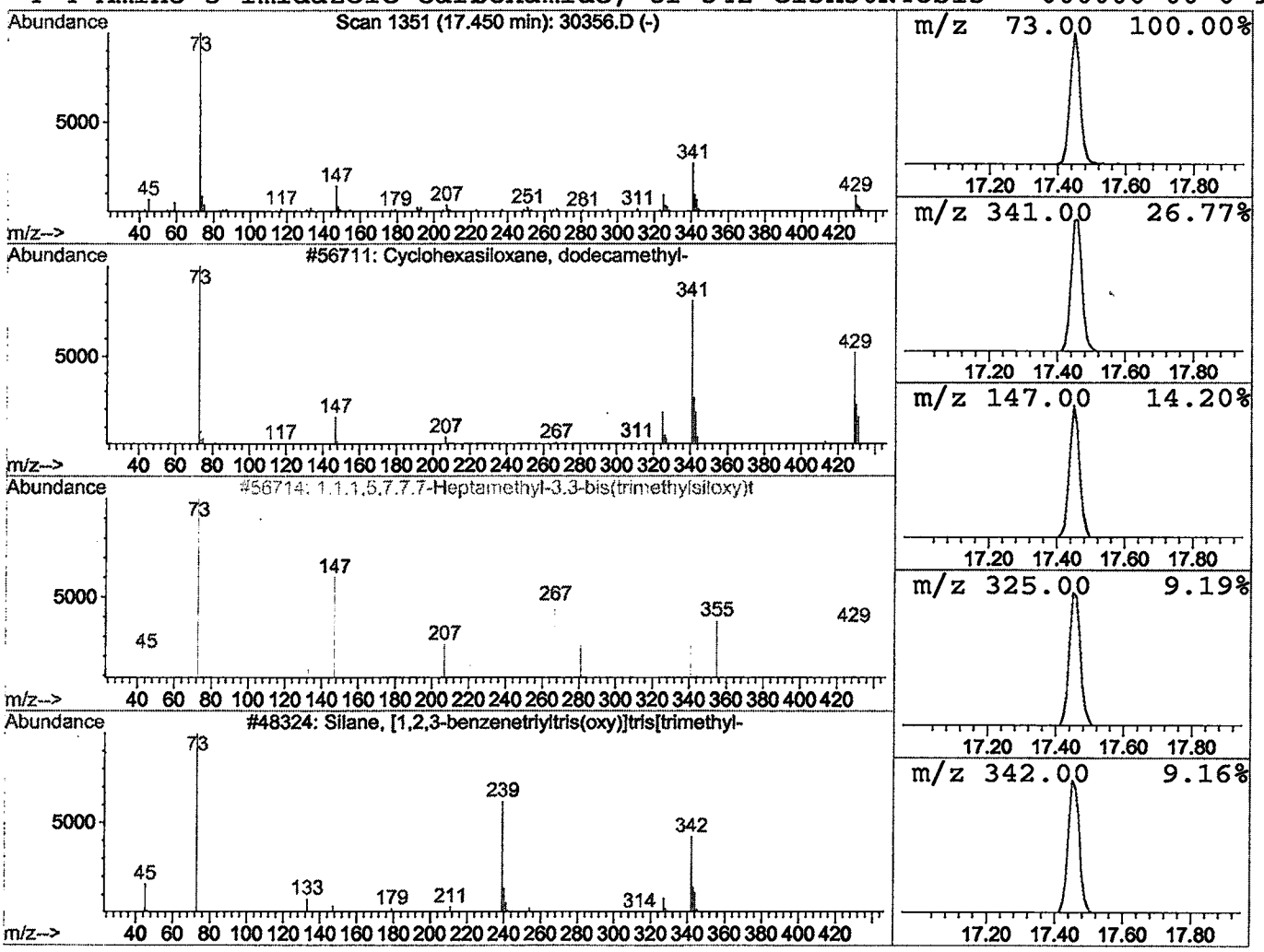
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	0.60 ug/l	242834	Naphthalene-d8	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	36
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	35
3	Silane, [1,2,3-benzenetriyltris(oxy	342	C15H30O3Si3	017864-23-2	22
4	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 28 Dec 2001 7:34 am
Data File: C:\HPCHEM\1\DATA\DEC2701\30356.D
Name: GC/MS SCAN 12/13
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-	7.62	4.0	ug/l	1355480	ISTD01	11.68	6717820	20.0
2-Pentanone, 4-hydro	7.72	3.8	ug/l	1267240	ISTD01	11.68	6717820	20.0
Cyclopentasiloxane,	14.31	0.5	ug/l	204572	ISTD02	15.28	8109000	20.0
Cyclohexasiloxane, d	17.45	0.6	ug/l	242834	ISTD02	15.28	8109000	20.0

30356.D GCMS1126.M Wed Jan 02 10:57:19 2002