User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/23/2002 Time: 14:06:11

Sample: AE08681
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/23/02 14:04 Ended: 4/23/02 14:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE08681 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-23-2002 Time: 14:06:37

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\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:26 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	519518	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1910690	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1110758	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1607713	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	995594	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	645583	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	43915	7.89	ug/L	-0.02
Spiked Amount 10.000			Recovery = 78.90%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.47	74	112	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	15.93	128	389	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	21.64	165	108	N.D.		
25) Diethylphthalate	22.66	149	1489	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
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Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.61	178	453	N.D.	
35) Anthracene	25.61	178	453	N.D.	
36) Di-n-butylphthalate	27.58	149	5545	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	0.00	149	0	N.D.	
42) Benzo(a)anthracene	33.66	228	2283	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.88	149	3429	N.D.	
44) Chrysene	33.66	228	2283	N.D.	
46) Di-n-Octylphthalate	0.00	149	0	N.D.	
47) Benzo(b)fluoranthene	0.00	252	0	N.D.	
48) Benzo(k)fluoranthene	0.00	252	0	N.D.	
49) Benzo(a)pyrene	37.90	252	2441	N.D.	
50) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
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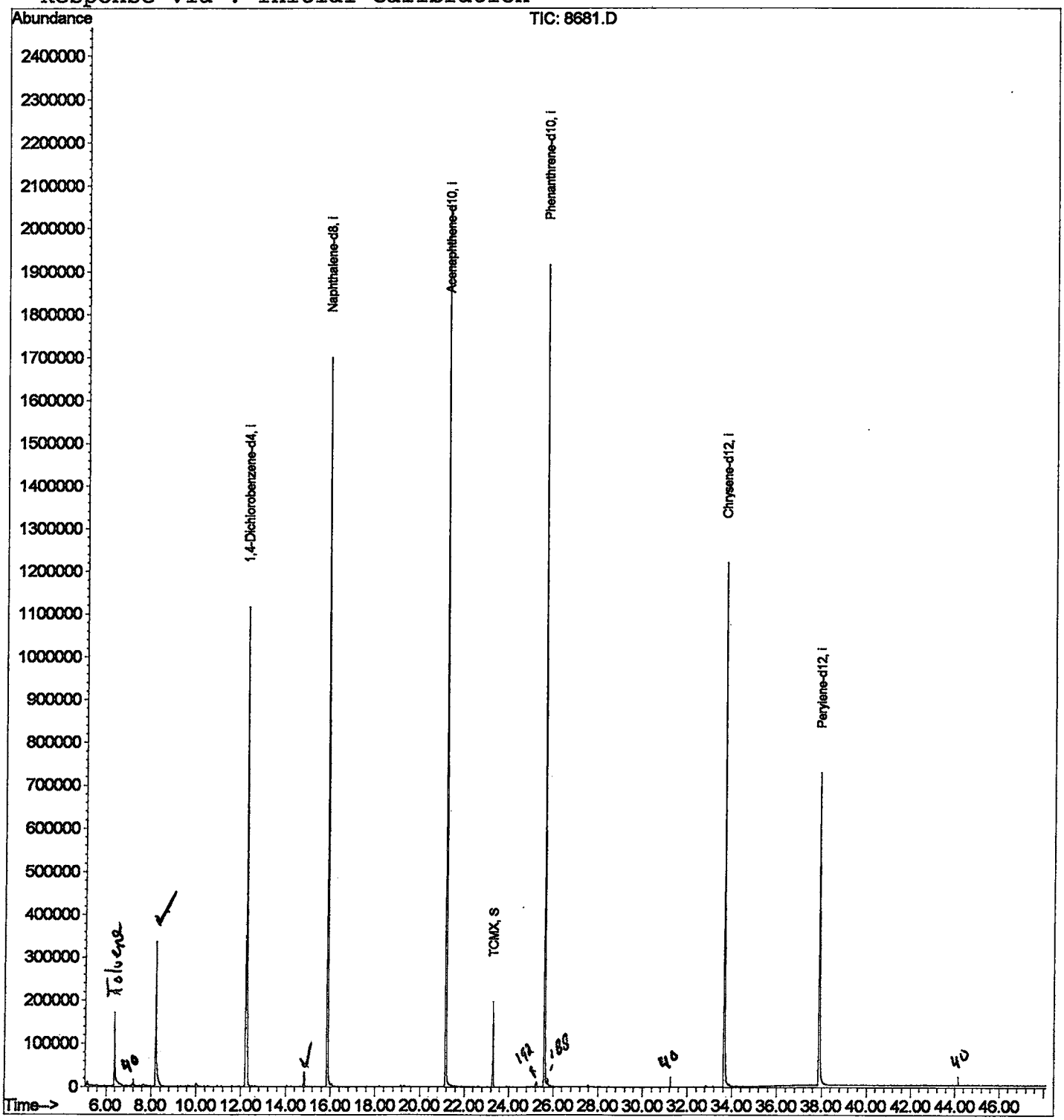
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:26 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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	6.379	141	145	160	rBV	170325	417295	9.95%	1.950%
2	8.206	340	344	369	rBV	333682	859703	20.49%	4.017%
3	12.227	777	782	800	rBV	1115373	2776985	66.19%	12.974%
4	14.834	1061	1066	1073	rVB	34397	69612	1.66%	0.325%
5	15.862	1172	1178	1196	rBV	1700676	3602413	85.86%	16.831%
6	21.168	1750	1756	1771	rBV	2053942	4195525	100.00%	19.602%
7	23.308	1981	1989	1994	rBV	197527	389738	9.29%	1.821%
8	25.612	2233	2240	2252	rBV	1915896	4017616	95.76%	18.771%
9	33.663	3110	3117	3135	rBV2	1220398	2876480	68.56%	13.439%
10	37.904	3570	3579	3596	rBV2	725563	2198436	52.40%	10.271%

Sum of corrected areas: 21403803

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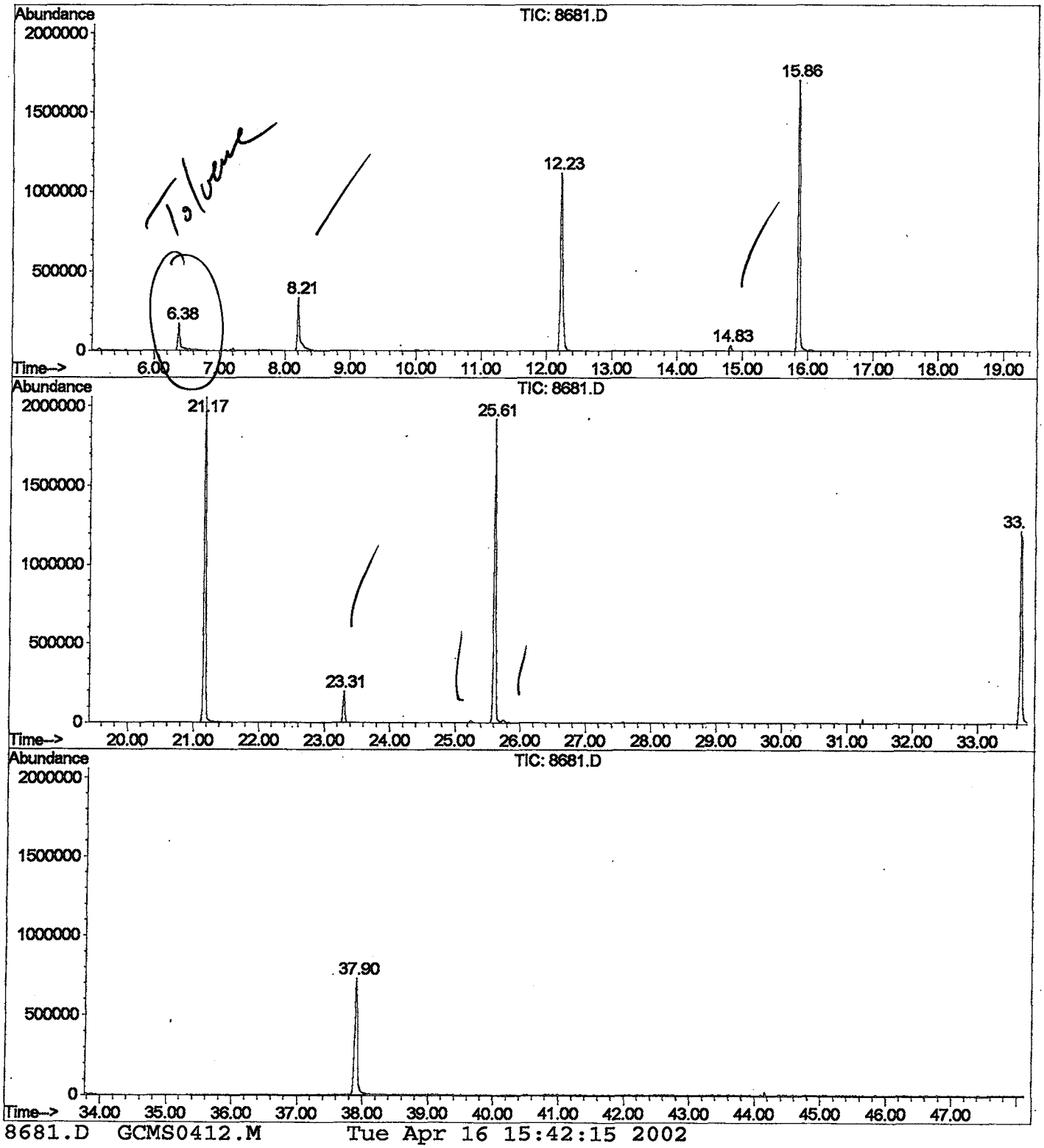
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8681.D
Operator :
Acquired : 15 Apr 2002 7:50 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 13
Quant File :GCMS0412.RES (RTE Integrator)



8681.D GCMS0412.M Tue Apr 16 15:42:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

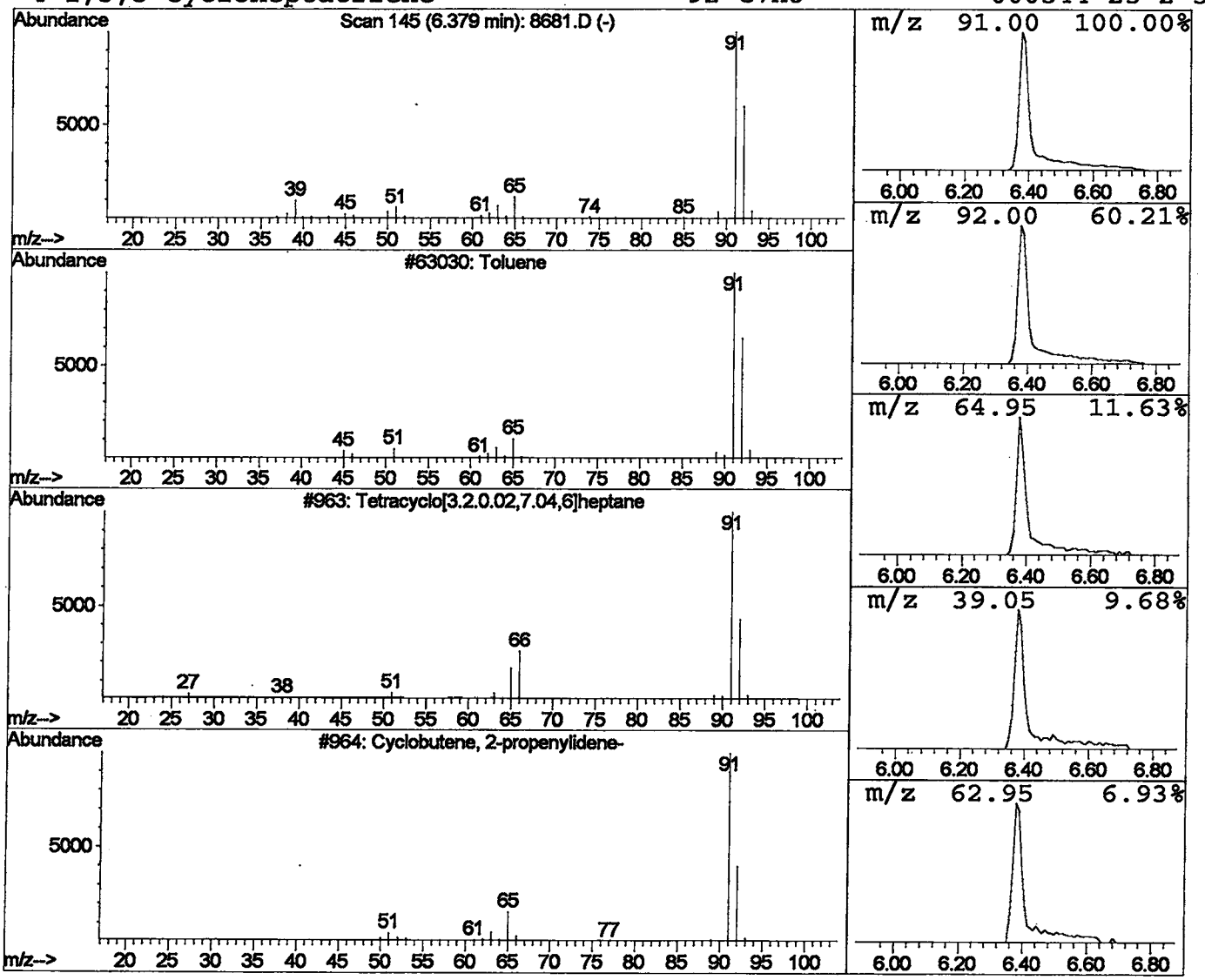
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	3.01 ug/l	417295	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	87
2	Tetracyclo[3.2.0.02,7.04,6]heptane	92	C7H8	000278-06-8	64
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

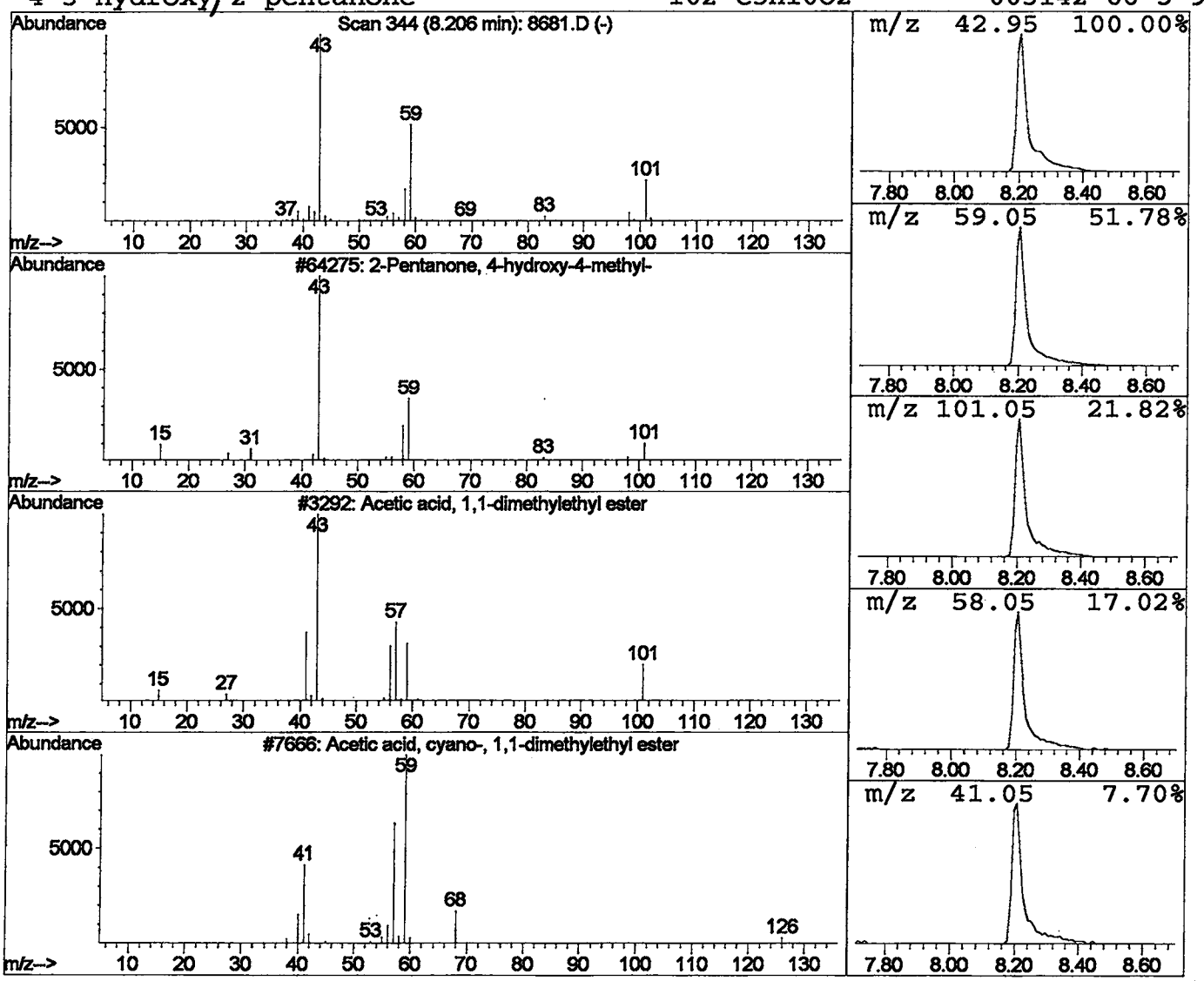
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	6.19 ug/l	859703	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8681.D Vial: 13
Acq On : 15 Apr 2002 7:50 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

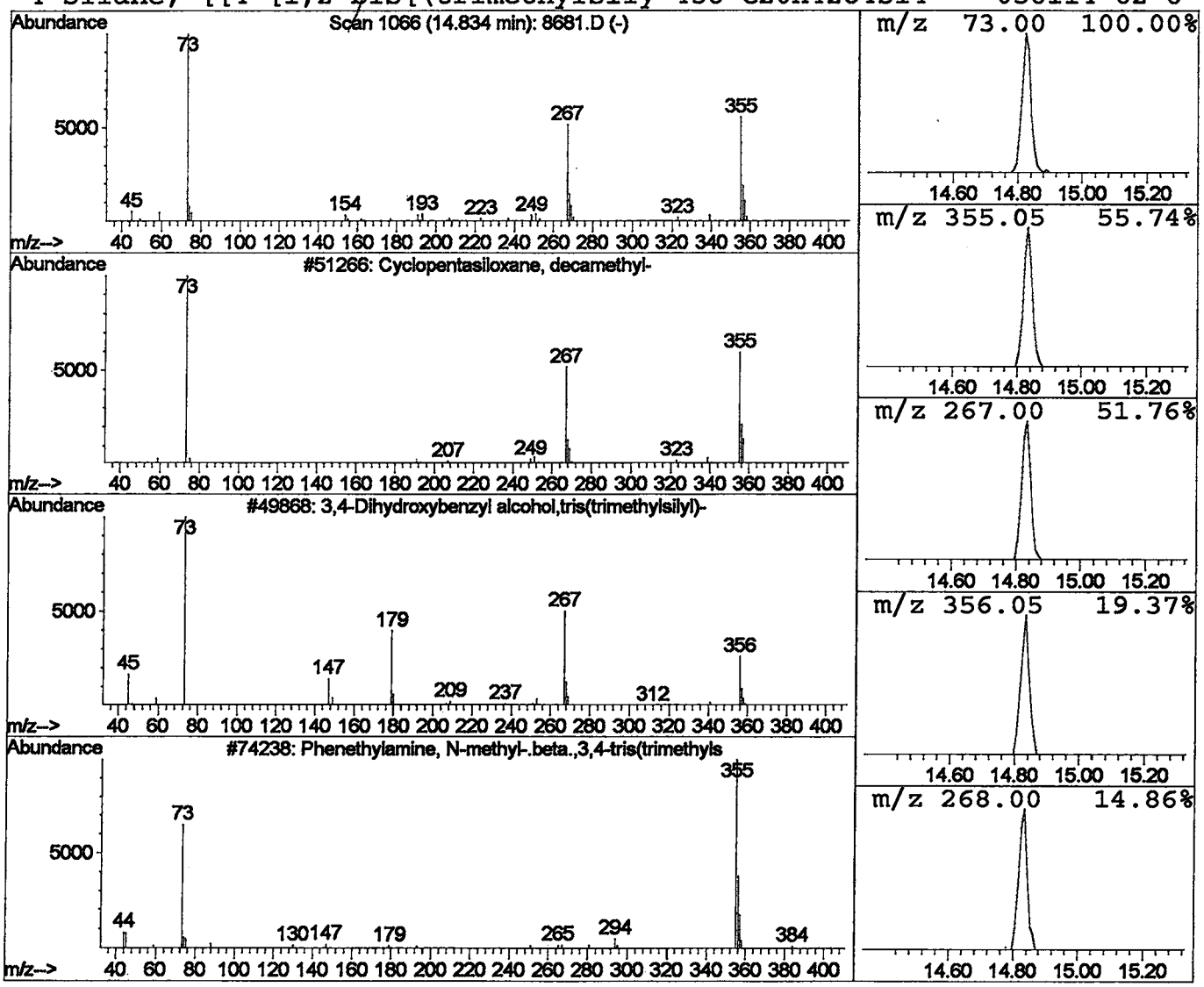
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	0.39 ug/l	69612	Naphthalene-d8	15.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	58
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	43
4	Silane, [[4-[1,2-bis[(trimethylsily	458	C20H42O4Si4	056114-62-6	43



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 15 Apr 2002 7:50 pm
Data File: C:\HPCHEM\1\DATA\APR1202\8681.D
Name: gc/ms scan 4/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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
Toluene	6.38	3.0	ug/l	417295	ISTD01	12.23	2776990	20.0
2-Pentanone, 4-hydro	8.21	6.2	ug/l	859703	ISTD01	12.23	2776990	20.0
Cyclopentasiloxane,	14.83	0.4	ug/l	69612	ISTD02	15.86	3602410	20.0

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