User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 10:03:33

Sample: AE08434
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 10:03 Ended: 4/18/2002 10:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		87	5.0

:omments for Sample AE08434 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Iser: Vinci, David L
)ate: 04-18-2002 Time: 10:04:00

'he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual ompounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:41 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	492177	20.00	ug/l	-0.01
10) Naphthalene-d8	15.86	136	1815855	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.17	164	1027524	20.00	ug/l	0.00
30) Phenanthrene-d10	25.61	188	1484792	20.00	ug/l	0.00
39) Chrysene-d12	33.66	240	927076	20.00	ug/l	-0.01
45) Perylene-d12	37.90	264	618706	20.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.31	209	45082	8.75	ug/L	-0.02
Spiked Amount 10.000			Recovery = 87.50%			
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	6.37	74	103	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	15.92	128	203	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.66	149	500	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)

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Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

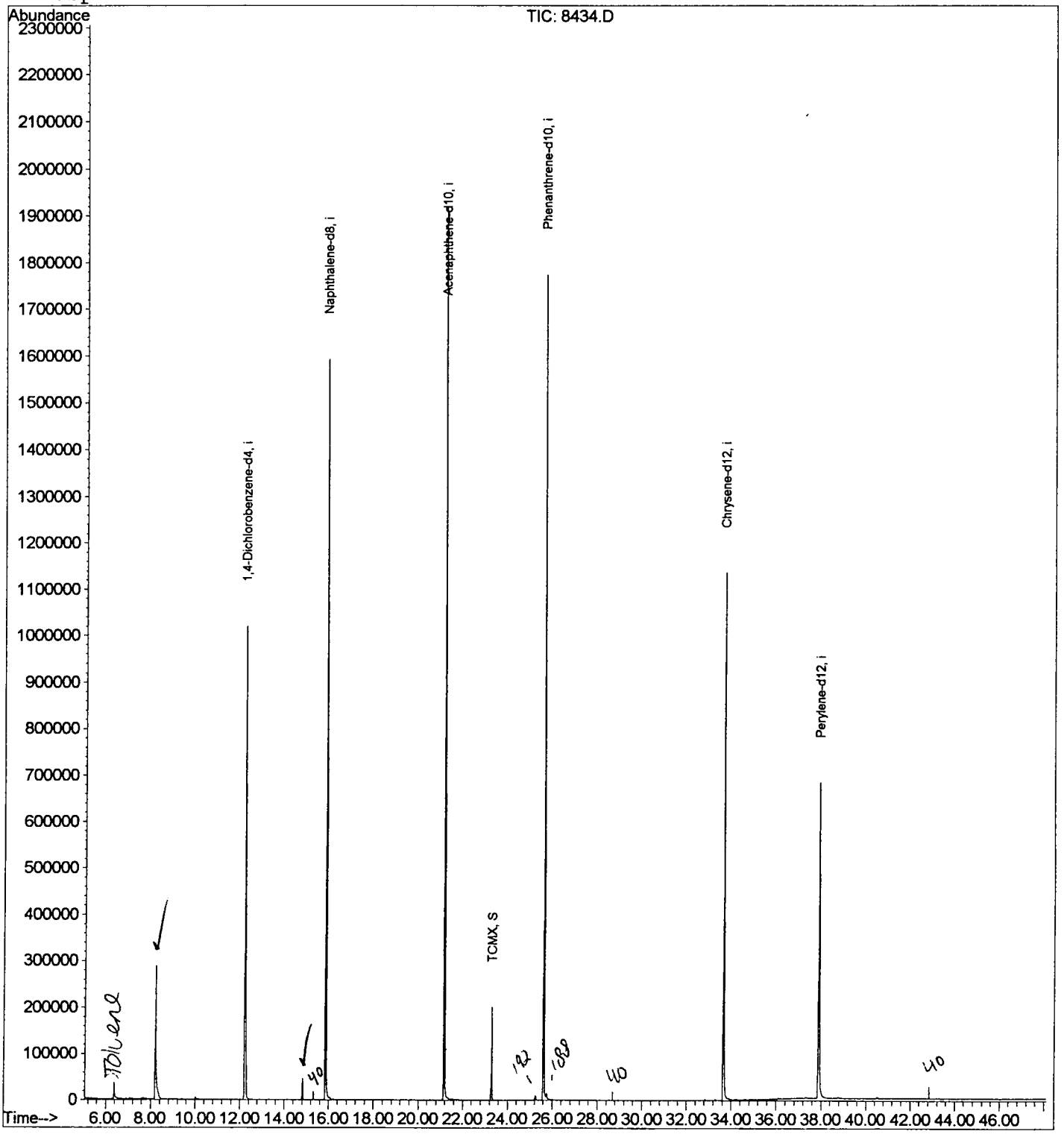
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.61	178	416	N.D.	
35)	Anthracene	25.61	178	416	N.D.	
36)	Di-n-butylphthalate	27.58	149	1829	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.66	228	1984	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.88	149	2348	N.D.	
44)	Chrysene	33.66	228	1984	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	2324	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 17 9:41 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\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 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

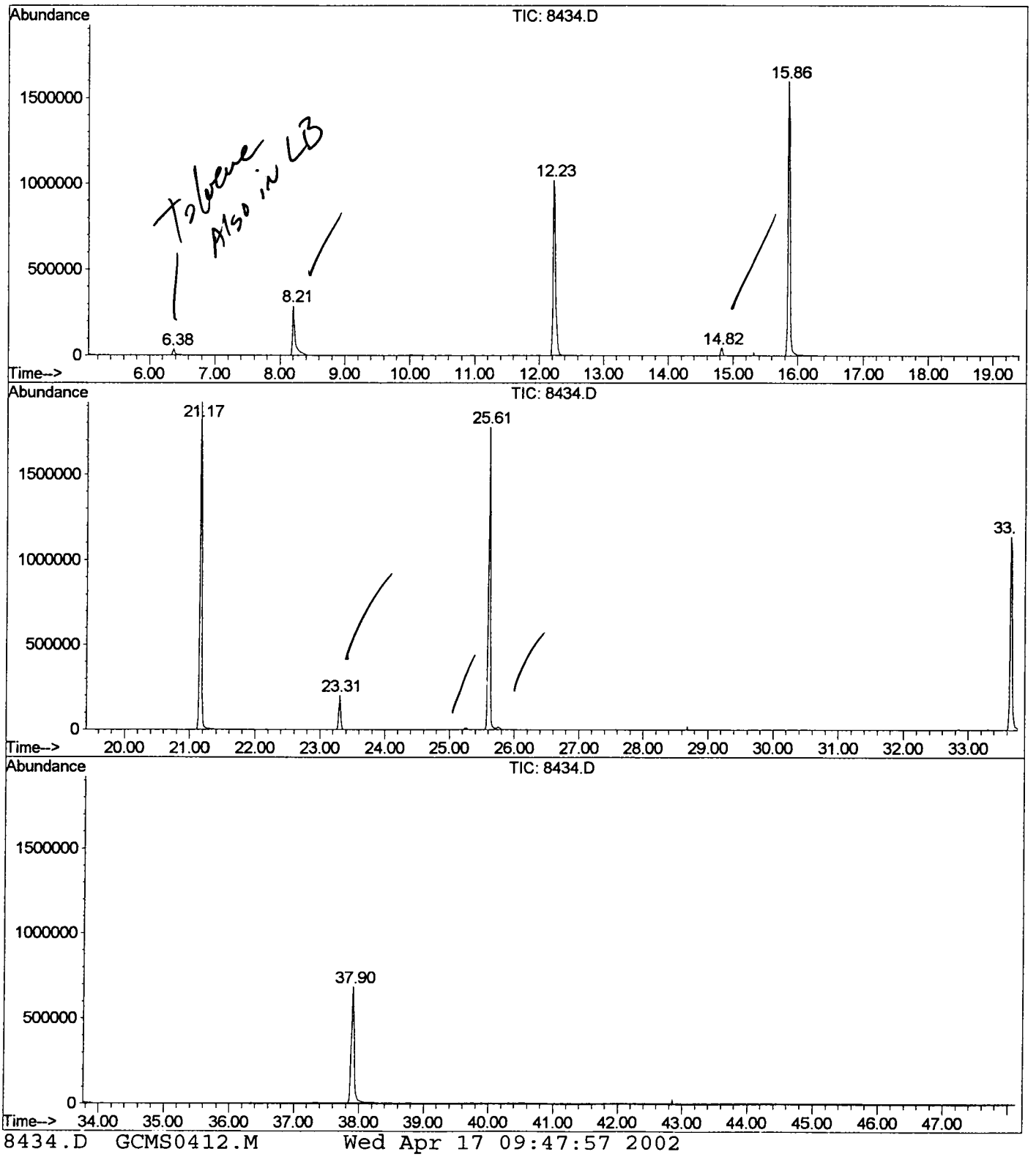
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.379	140	145	161	rBV	36107	92248	2.37%	0.465%
2	8.205	340	344	370	rBV	286989	822372	21.17%	4.143%
3	12.226	777	782	798	rBV	1017840	2643276	68.03%	13.317%
4	14.824	1060	1065	1071	rBV	46055	93235	2.40%	0.470%
5	15.862	1172	1178	1195	rBV	1593155	3418315	87.98%	17.222%
6	21.168	1750	1756	1773	rBV	1920595	3885470	100.00%	19.575%
7	23.307	1981	1989	1996	rBV	201080	401386	10.33%	2.022%
8	25.611	2233	2240	2251	rBV	1773858	3710076	95.49%	18.692%
9	33.662	3110	3117	3137	rBV2	1135717	2682945	69.05%	13.517%
10	37.904	3570	3579	3599	rBV2	679764	2099595	54.04%	10.578%

Sum of corrected areas: 19848918

8434.D GCMS0412.M Wed Apr 17 09:47:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR1202\8434.D
Operator :
Acquired : 16 Apr 2002 5:38 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/10
Misc Info :
Vial Number: 23
Quant File :GCMS0412.RES (RTE Integrator)



8434.D GCMS0412.M Wed Apr 17 09:47:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

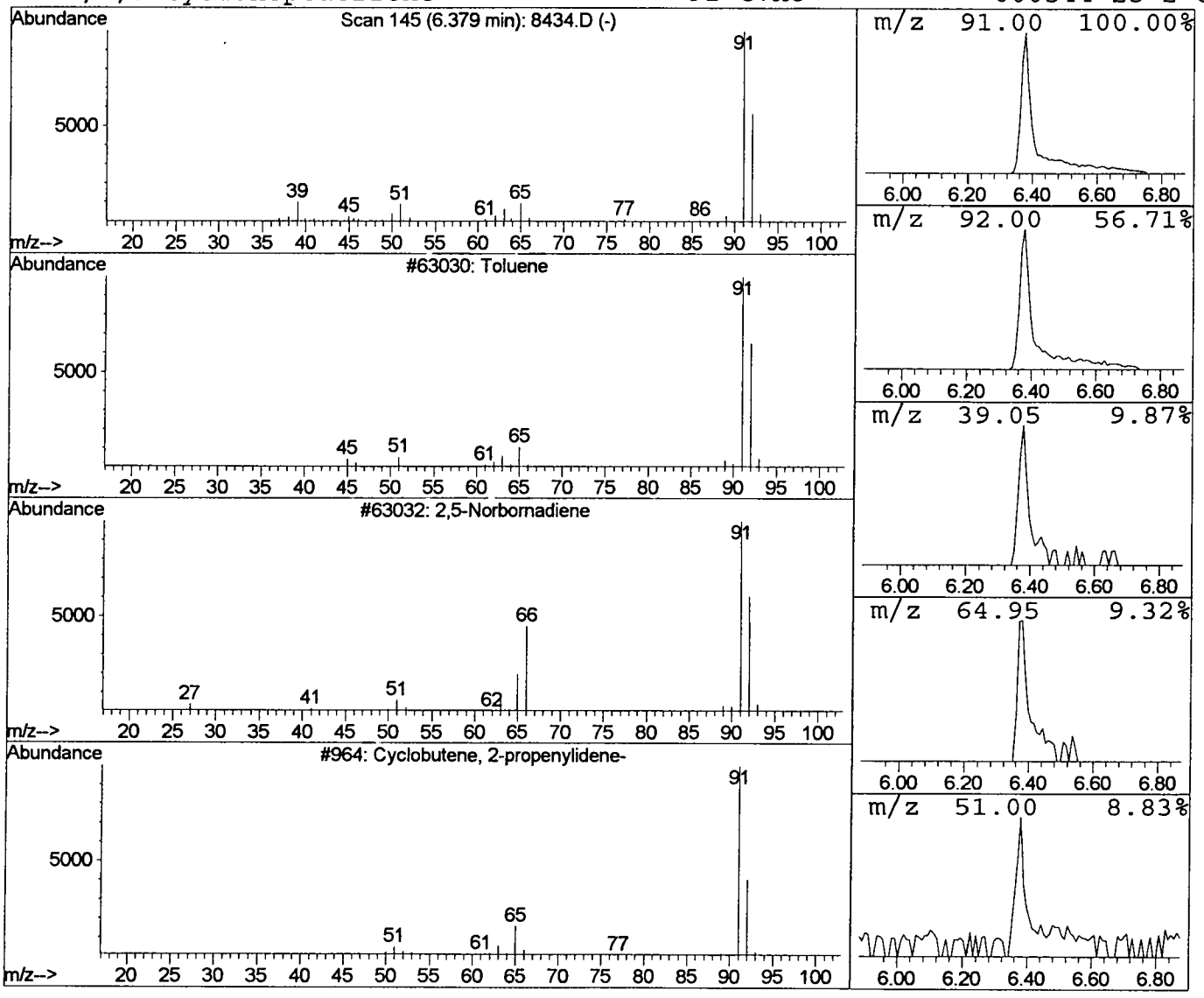
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Toluene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.70 ug/l	92248	1,4-Dichlorobenzene-d4	12.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	2,5-Norbornadiene	92	C7H8	000121-46-0	64
3	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

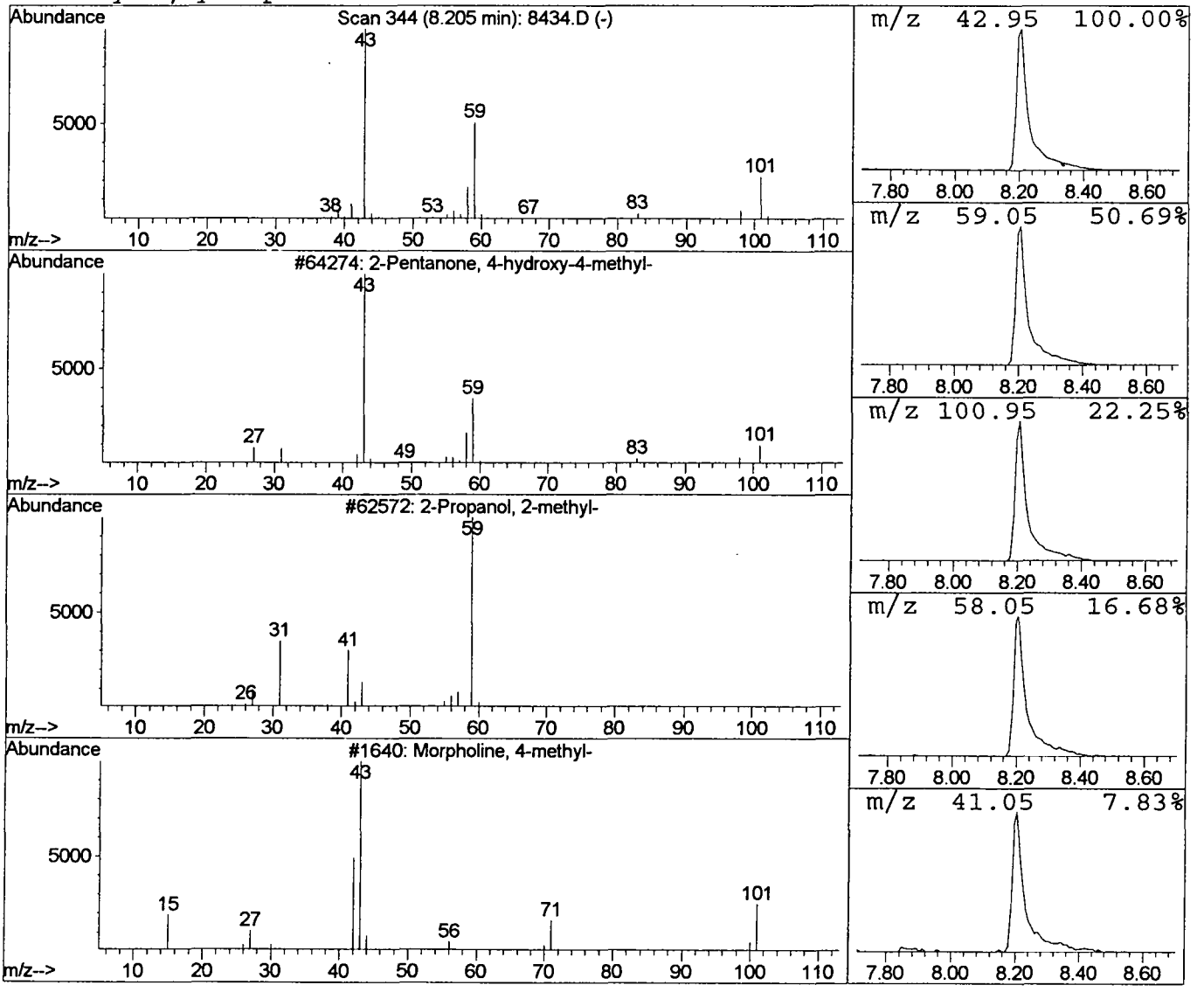
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	6.22 ug/l	822372	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	72
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR1202\8434.D Vial: 23
Acq On : 16 Apr 2002 5:38 am Operator:
Sample : gc/ms scan 4/10 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

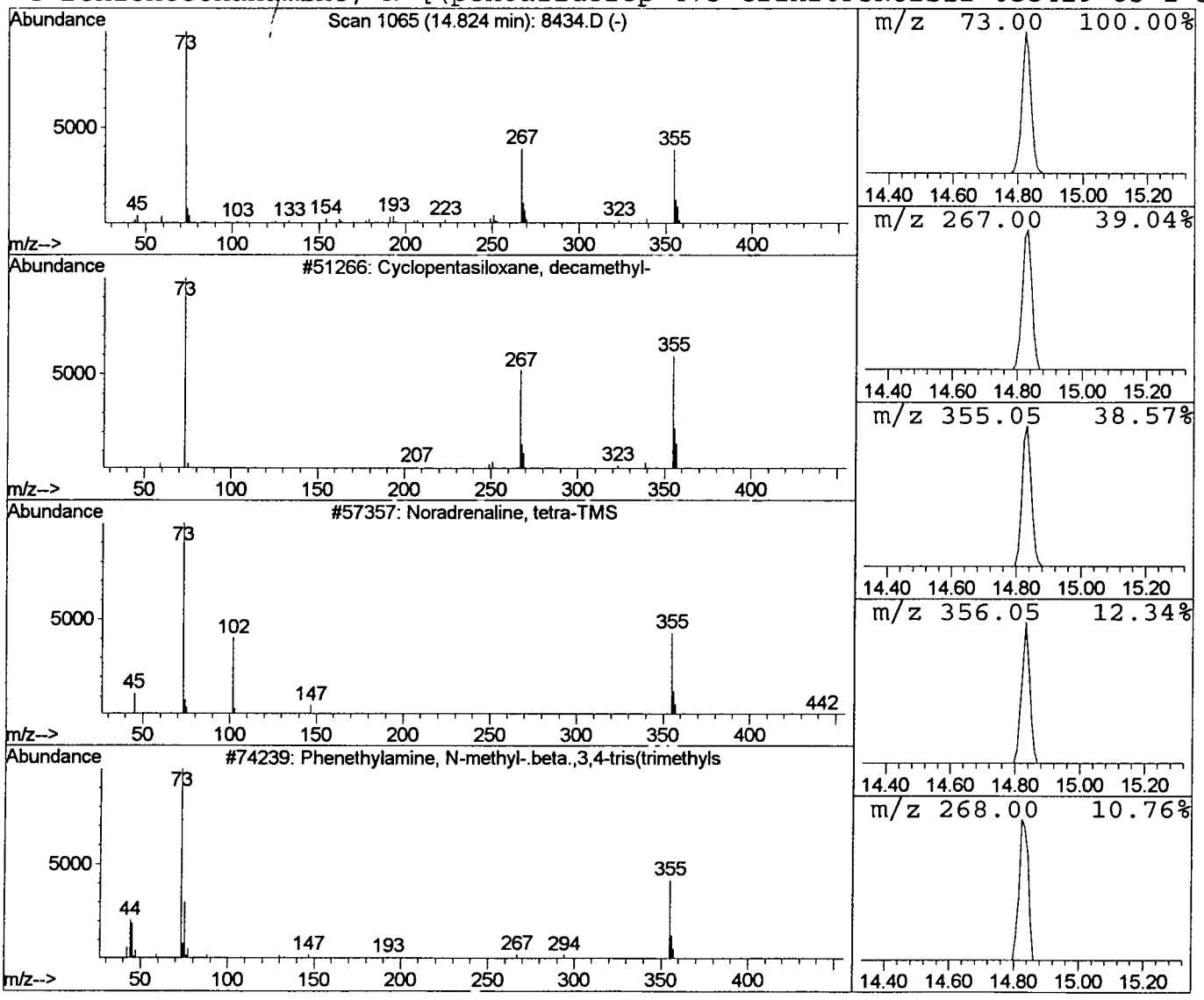
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	0.55 ug/l	93235	Naphthalene-d8	15.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	37
4	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	32



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 16 Apr 2002 5:38 am
Data File: C:\HPCHEM\1\DATA\APR1202\8434.D
Name: gc/ms scan 4/10
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	0.7	ug/l	92248	ISTD01	12.23	2643280	20.0
2-Pentanone, 4-hydro	8.21	6.2	ug/l	822372	ISTD01	12.23	2643280	20.0
Cyclopentasiloxane,	14.82	0.5	ug/l	93235	ISTD02	15.86	3418320	20.0

8434.D GCMS0412.M Wed Apr 17 09:48:00 2002