User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 14:09:44

Sample: AE08934
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 13:53 Ended: 5/7/02 13:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr 2,4 DDD	LSPEC	61		10.0

Comments for Sample AE08934 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 14:14:48

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample was extracted and analyzed twice with Surrogate Standard recoveries of 61% and 44%. A malfunctioning syringe used during sample preparation is the cause of these low recoveries rather than extraction inefficiency.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\8934.D Vial: 8
Acq On : 3 May 2002 8:54 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:44 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

re-extraction

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	433106	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1594497	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	851536	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1193893	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	764888	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	507907	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	18265	4.41	ug/L	-0.02
Spiked Amount 10.000			Recovery = 44.10%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	14.04	82	228	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	15.88	128	358	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.	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	22.61	149	1204	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	329	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	329	N.D.	
36)	Di-n-butylphthalate	27.54	149	6731	N.D.	
37)	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	33.64	228	1732	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2084	N.D.	
43)	Chrysene	33.64	228	1732	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	37.87	252	1863	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

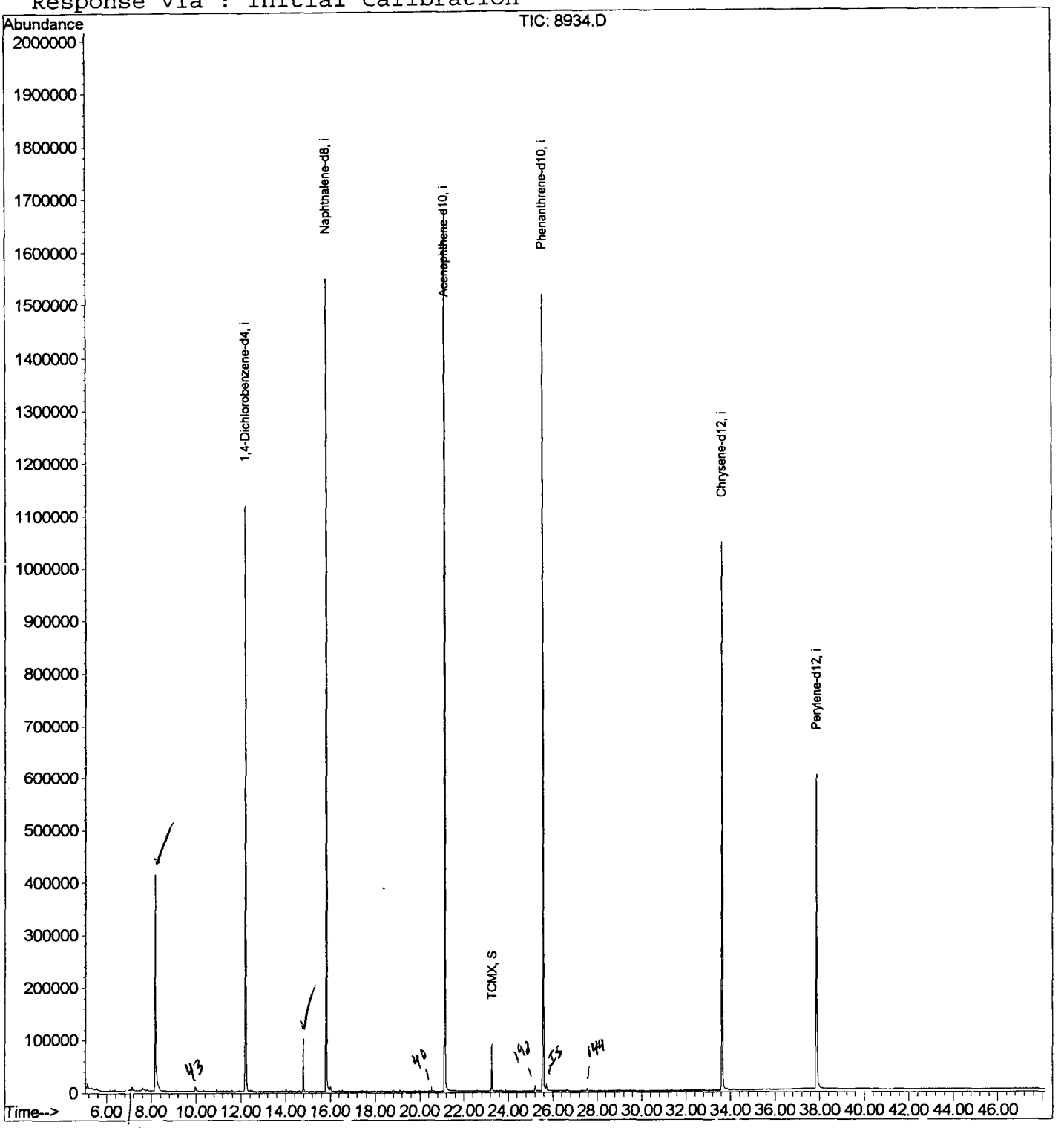
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8934.D
Acq On : 3 May 2002 8:54 pm
Sample : RE-EXT.
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 6 9:44 2002

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8934.D Vial: 8
Acq On : 3 May 2002 8:54 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

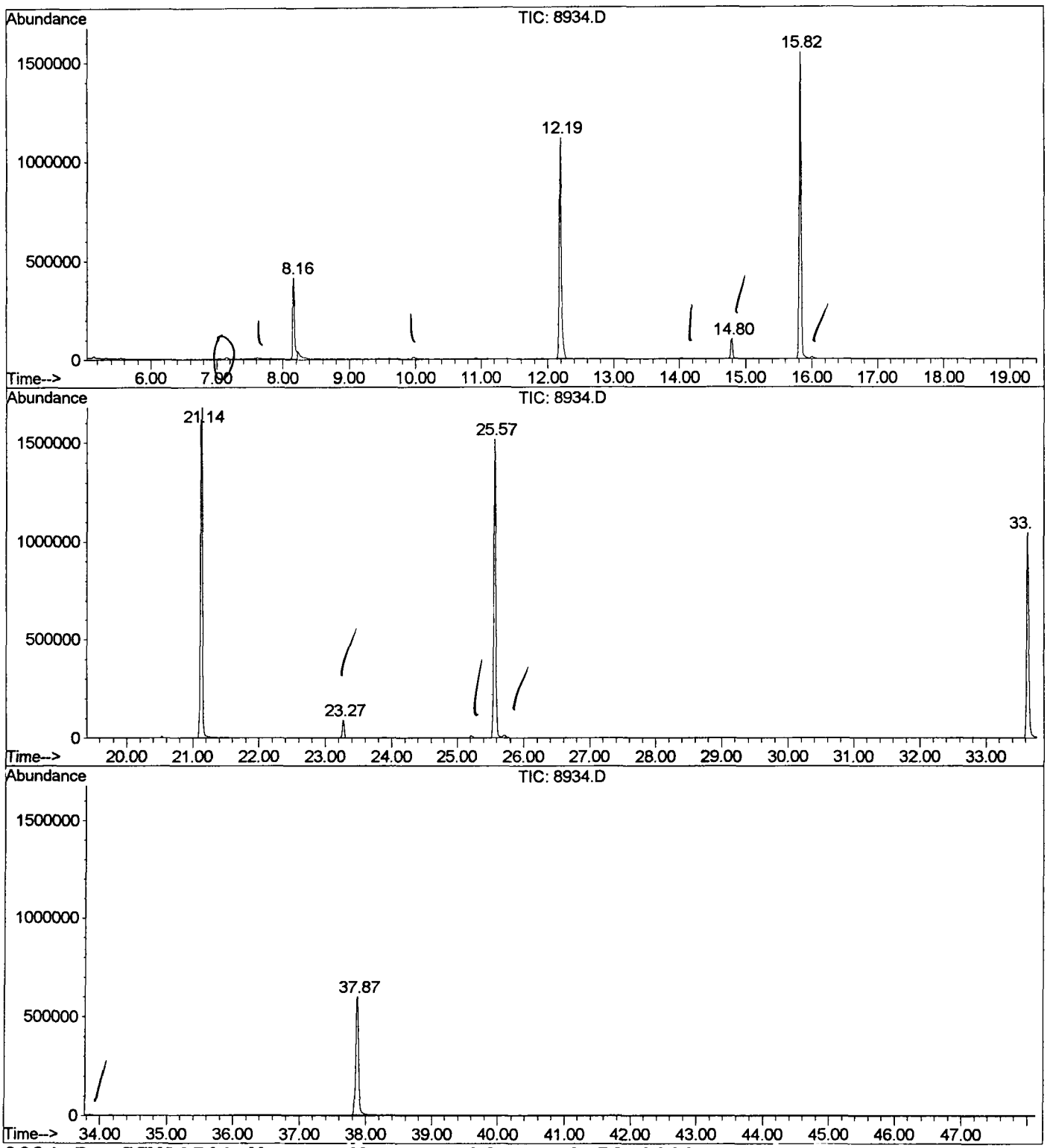
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	347	rBV	411318	843733	23.97%	4.738%
2	12.194	775	781	796	rVB	1114914	2517301	71.51%	14.137%
3	14.796	1058	1065	1072	rBV	101354	197104	5.60%	1.107%
4	15.823	1171	1177	1193	rBV	1546334	3200016	90.91%	17.972%
5	21.137	1750	1757	1774	rBV	1677940	3520168	100.00%	19.770%
6	23.273	1984	1990	1996	rVB	89083	176346	5.01%	0.990%
7	25.573	2234	2241	2252	rBV2	1514738	3247880	92.26%	18.240%
8	33.637	3114	3121	3139	rBV2	1044967	2316529	65.81%	13.010%
9	37.870	3574	3583	3607	rBV2	598274	1786929	50.76%	10.036%

Sum of corrected areas: 17806006

8934.D GCMS0501.M Mon May 06 10:48:57 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\8934.D
Operator :
Acquired : 3 May 2002 8:54 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 8
Quant File :GCMS0501.RES (RTE Integrator)



8934.D GCMS0501.M Mon May 06 10:48:59 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8934.D
Acq On : 3 May 2002 8:54 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

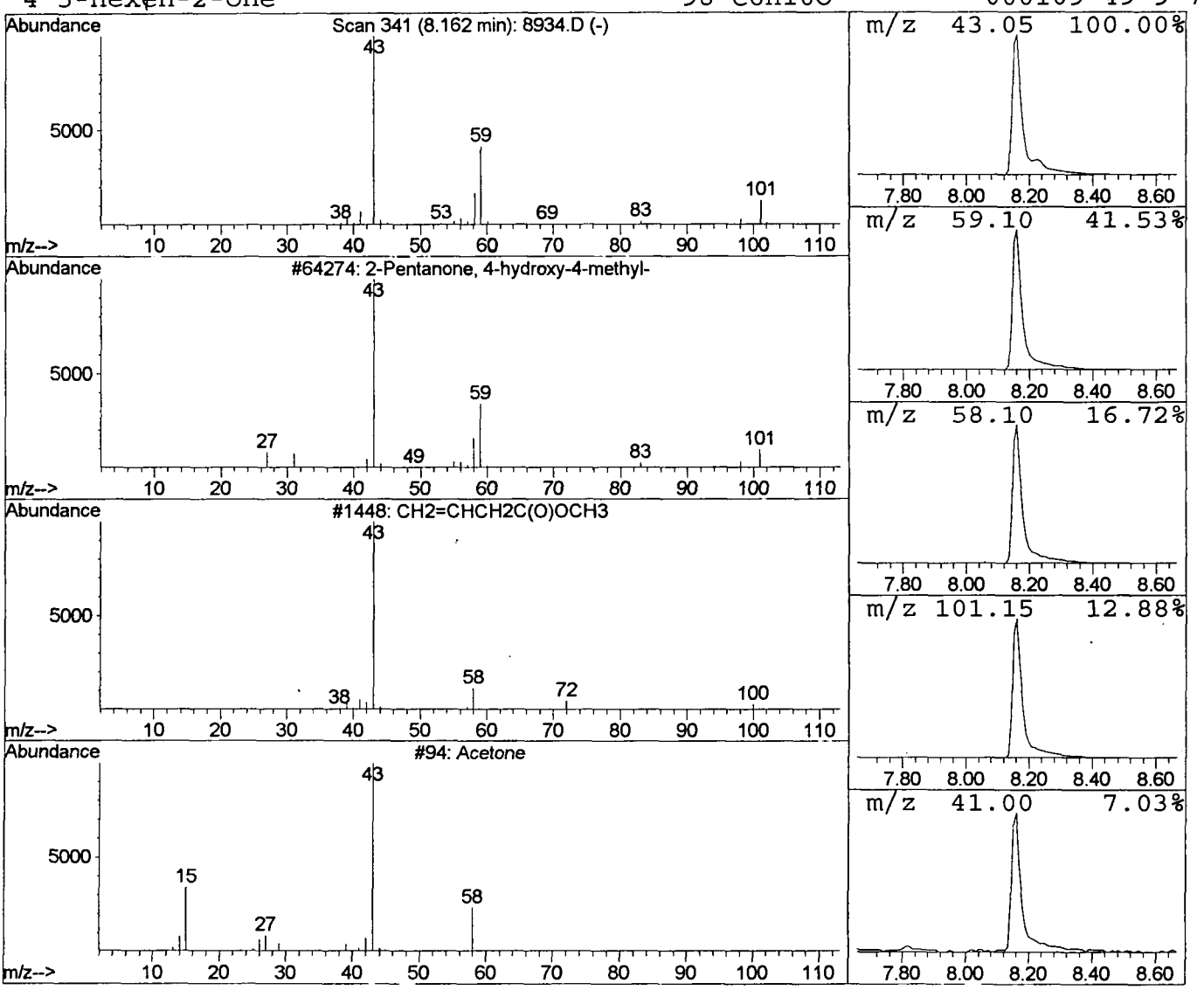
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	13.41 ug/l	843733	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8934.D
Acq On : 3 May 2002 8:54 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

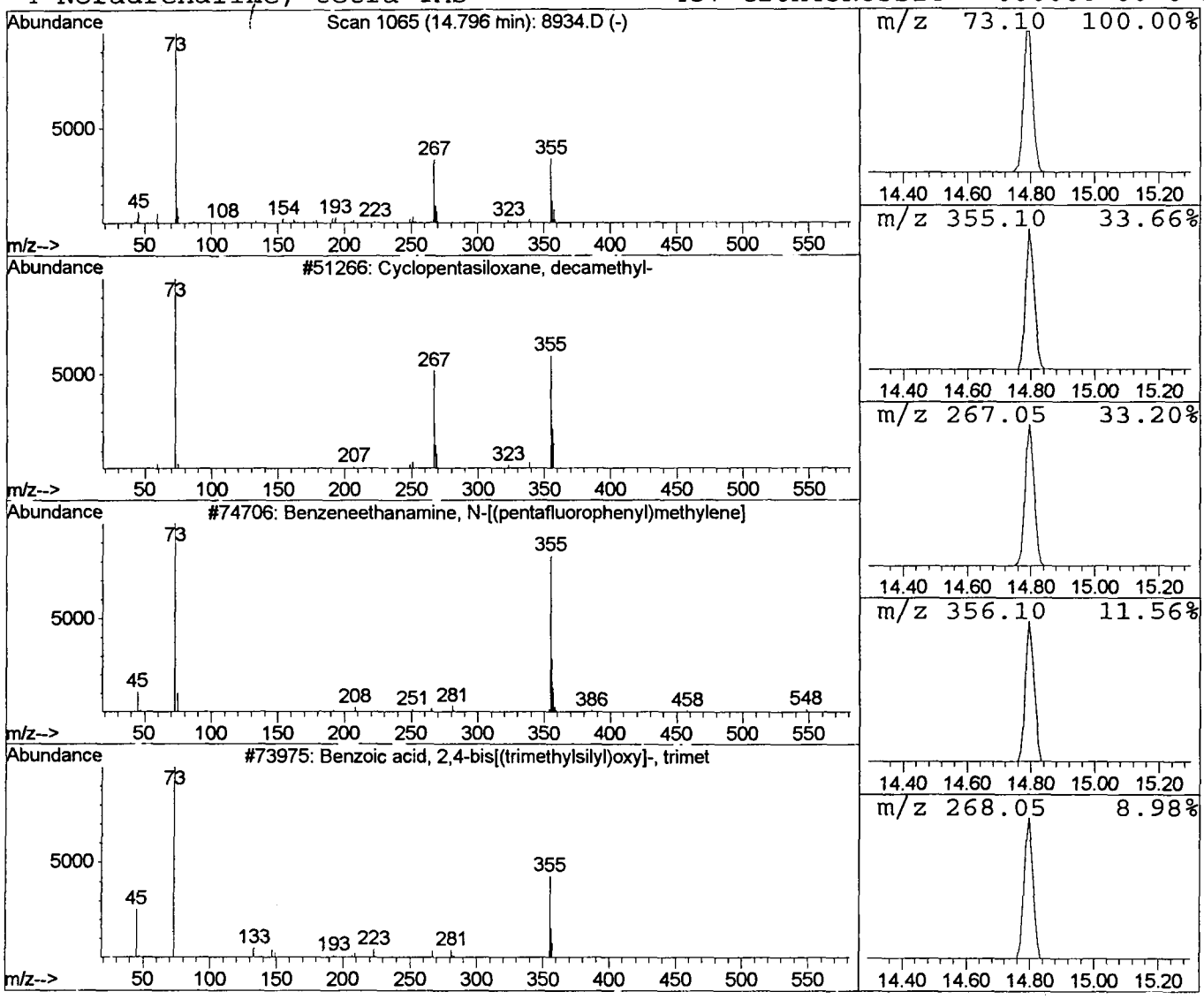
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.46 ug/l	197104	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	47
3	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	38
4	Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 8:54 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\8934.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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
2-Pentanone, 4-hydro	8.16	13.4	ug/l	843733	ISTD01	12.19	2517300	40.0
Cyclopentasiloxane,	14.80	2.5	ug/l	197104	ISTD02	15.82	3200020	40.0

8934.D GCMS0501.M Mon May 06 10:49:04 2002