

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/25/2002 Time: 15:51:38

Sample: AE08834
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/25/02 15:51 Ended: 4/25/02 15:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE08834 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-25-2002 Time: 15:52:05

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\APR2202\8834.D
 Acq On : 23 Apr 2002 9:59 am
 Sample : gc/ms scan 4/12
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 23 12:42 2002

Vial: 26
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	505075	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	1851294	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1048619	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1532631	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1028457	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	659362	20.00	ug/l	-0.04

System Monitoring Compounds

28) TCMX	23.29	209	44581	8.48	ug/L	-0.04
Spiked Amount	10.000		Recovery	=	84.80%	
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	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	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	15.90	128	202	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	22.63	149	680	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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2202\8834.D Vial: 26
 Acq On : 23 Apr 2002 9:59 am Operator:
 Sample : gc/ms scan 4/12 Inst : 209
 Misc : Multiplr: 1.00
 MS Integration Params: GOOFY.P
 Quant Time: Apr 23 12:42 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Apr 17 11:48:30 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	25.59	178	508	N.D.	
35) Anthracene	25.59	178	508	N.D.	
36) Di-n-butylphthalate	27.55	149	8555	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
40) Pyrene	0.00	202	0	N.D.	
41) Butylbenzylphthalate	32.09	149	348	N.D.	
42) Benzo(a)anthracene	33.64	228	2346	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.86	149	13706	0.53 ug/l	99
44) Chrysene	33.64	228	2346	N.D.	
46) Di-n-Octylphthalate	36.06	149	1584	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	37.86	252	2250	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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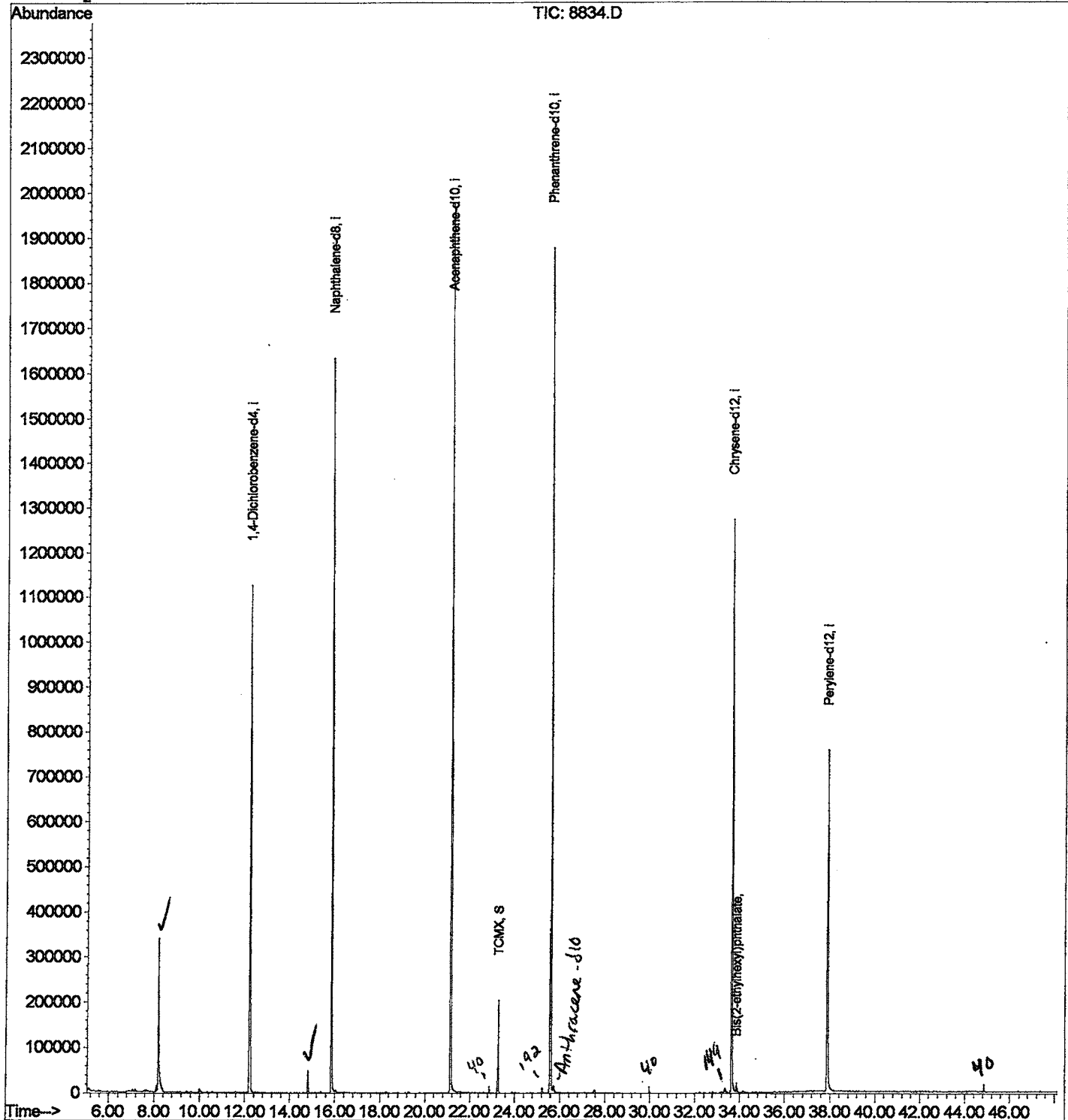
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\8834.D
Acq On : 23 Apr 2002 9:59 am
Sample : gc/ms scan 4/12
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 23 12:42 2002

Vial: 26
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8834.D
 Acq On : 23 Apr 2002 9:59 am
 Sample : gc/ms scan 4/12
 Misc :
 MS Integration Params: LSCINT.P

Vial: 26
 Operator:
 Inst : 209
 Multiplr: 1.00

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

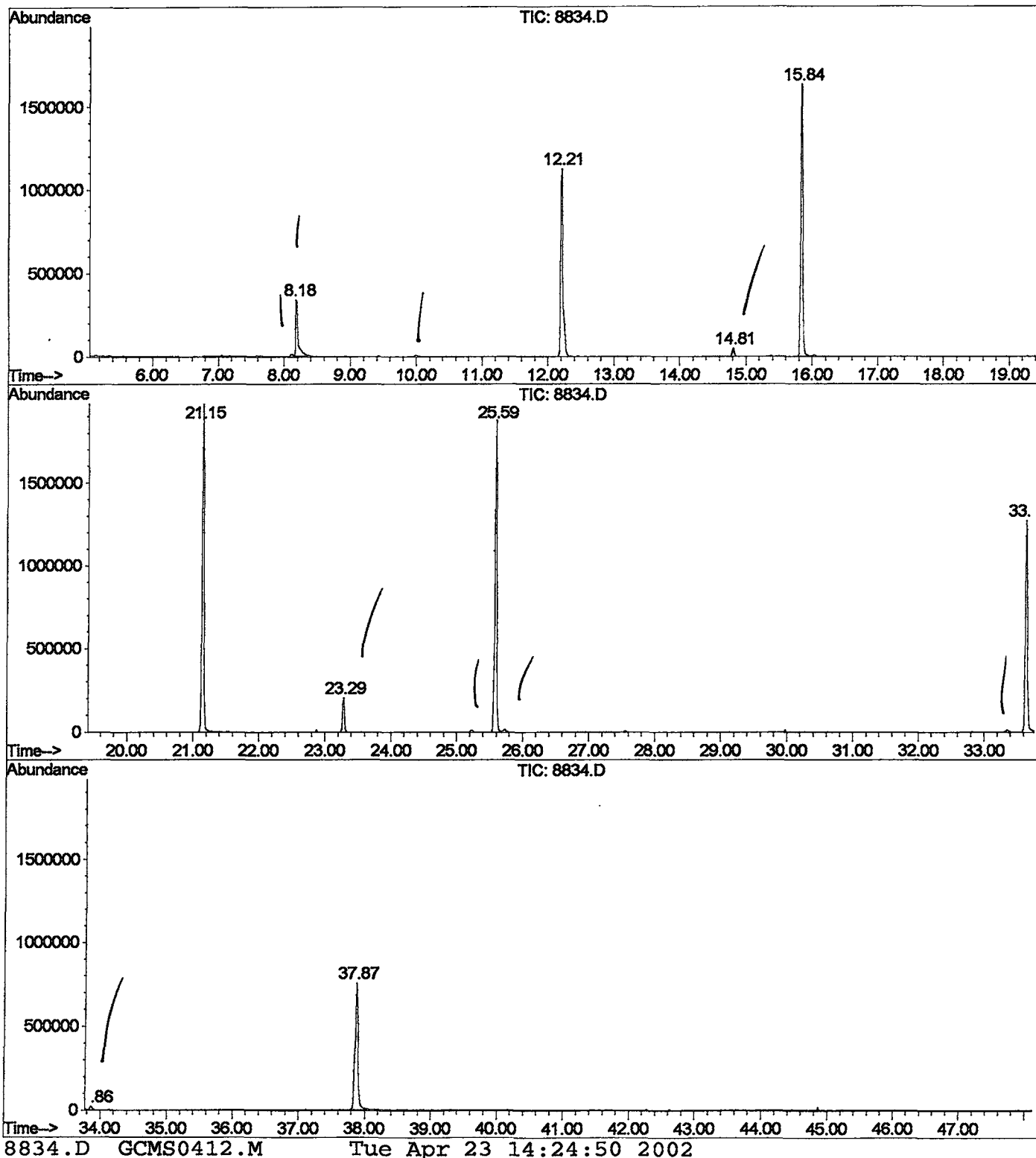
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.184	339	342	360	rVV	337133	822283	20.66%	4.011%
2	12.215	775	781	797	rBV	1124555	2703366	67.91%	13.186%
3	14.813	1059	1064	1070	rVB	49006	92838	2.33%	0.453%
4	15.841	1170	1176	1193	rBV	1632886	3475630	87.30%	16.952%
5	21.147	1748	1754	1774	rBV	1979240	3981032	100.00%	19.417%
6	23.286	1978	1987	1993	rVB	203656	392700	9.86%	1.915%
7	25.590	2232	2238	2247	rBV	1875174	3798762	95.42%	18.528%
8	33.641	3108	3115	3135	rBV2	1271979	2954230	74.21%	14.409%
9	33.862	3135	3139	3146	rVB	21621	47425	1.19%	0.231%
10	37.874	3568	3576	3594	rBV2	753061	2234211	56.12%	10.897%

Sum of corrected areas: 20502477

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8834.D
 Operator :
 Acquired : 23 Apr 2002 9:59 am using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/12
 Misc Info :
 Vial Number: 26
 Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8834.D
Acq On : 23 Apr 2002 9:59 am
Sample : gc/ms scan 4/12
Misc :
MS Integration Params: LSCINT.P

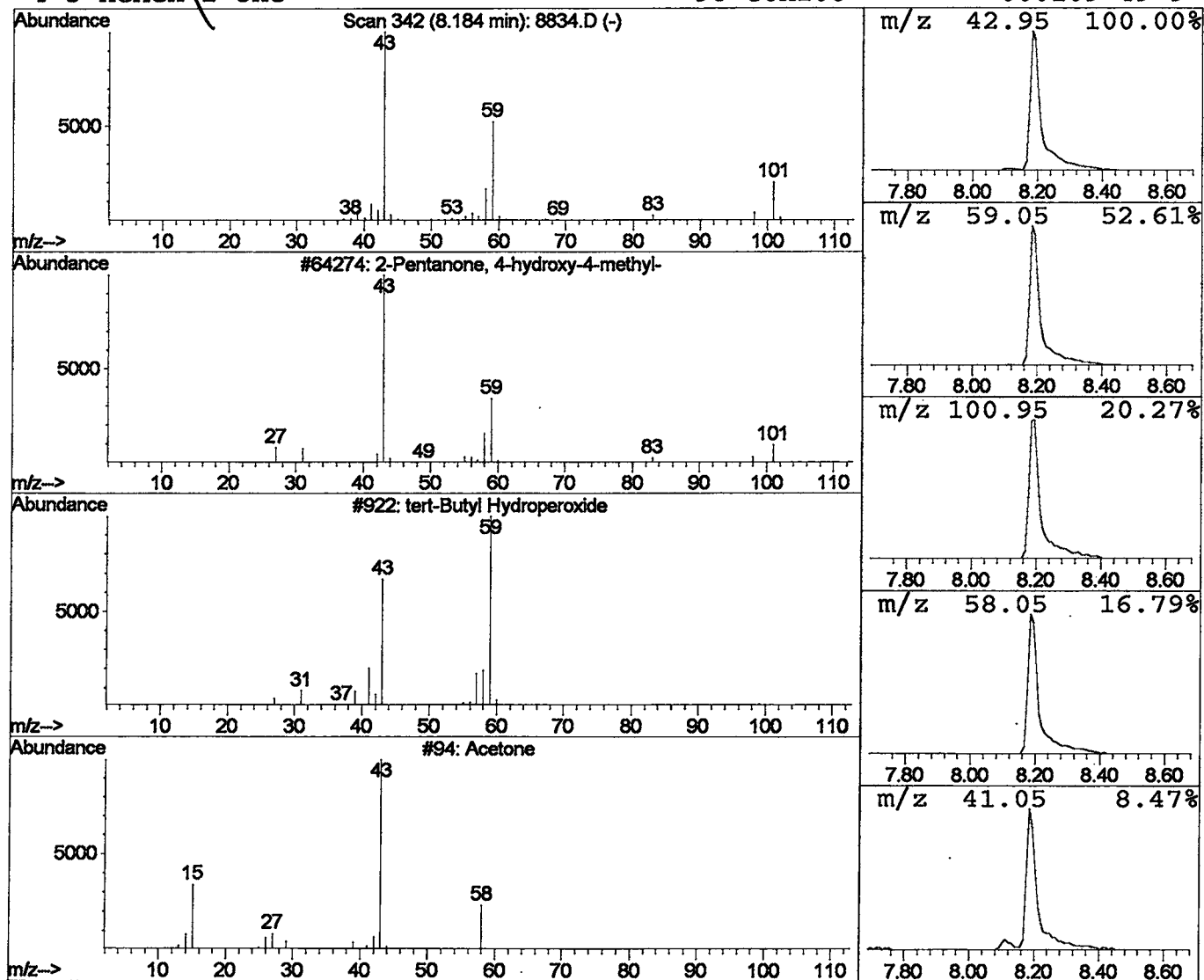
Vial: 26
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.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.
8.18	6.08 ug/l	822283	1,4-Dichlorobenzene-d4	12.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual.
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25		
3	Acetone	58	C3H6O	000067-64-1	9		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8834.D
Acq On : 23 Apr 2002 9:59 am
Sample : gc/ms scan 4/12
Misc :
MS Integration Params: LSCINT.P

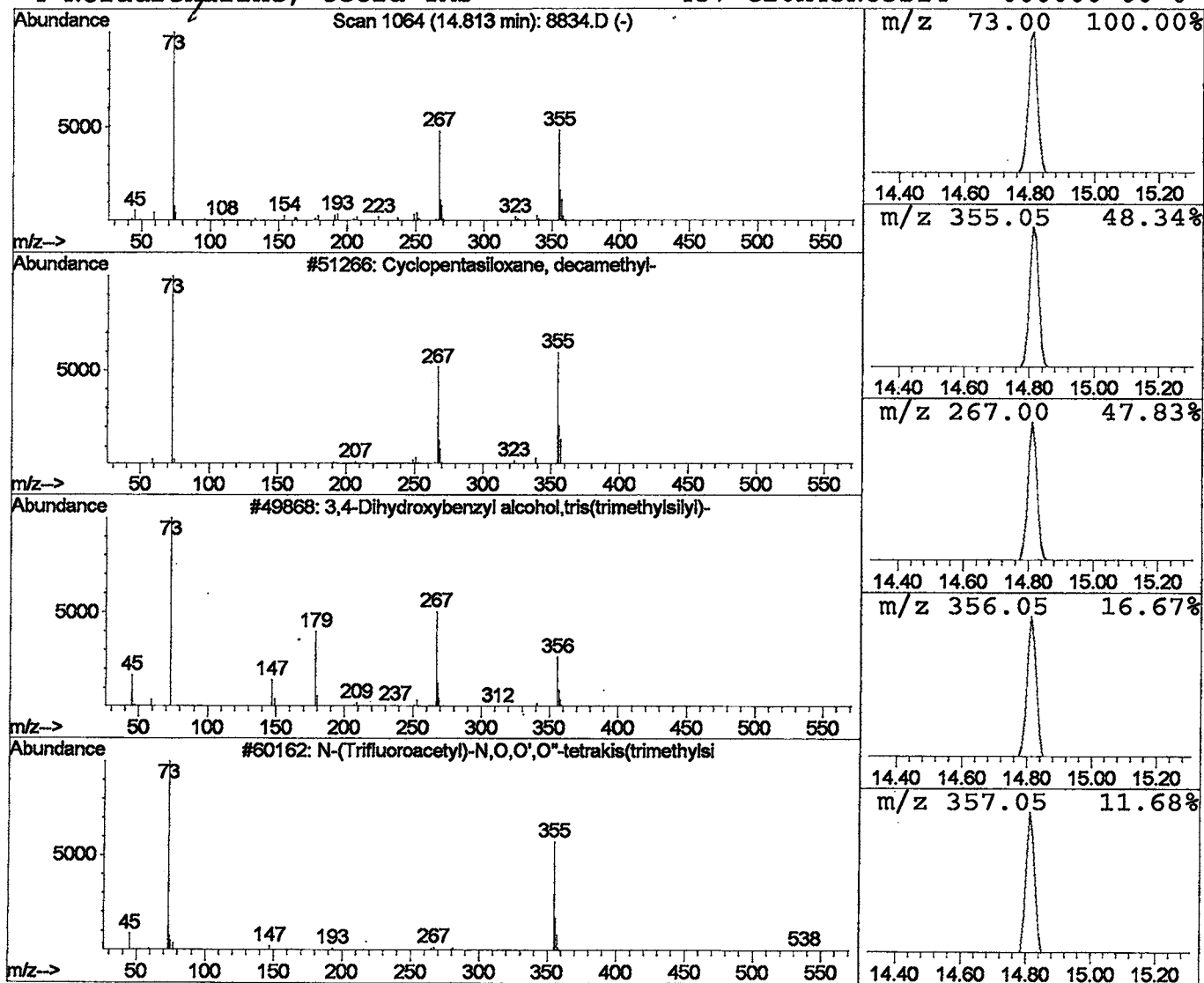
Vial: 26
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.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.
14.81	0.53 ug/l	92838	Naphthalene-d8	15.85

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	46
3			N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	43
4			Noradrenaline, tetra-TMS	457	C20H43NO3Si4	000000-00-0	37



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Apr 2002 9:59 am
Data File: C:\HPCHEM\1\DATA\APR2202\8834.D
Name: gc/ms scan 4/12
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
2-Pentanone, 4-hydro	8.18	6.1	ug/l	822283	ISTD01	12.21	2703370	20.0
Cyclopentasiloxane,	14.81	0.5	ug/l	92838	ISTD02	15.85	3475630	20.0

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