

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 15:15:27

Sample: AE07108
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 15:15 Ended: 4/29/02 15:15 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE07108 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-29-2002 Time: 15:16:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recoveries for 5 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR2402\7108.D
 Acq On : 25 Apr 2002 4:25 am
 Sample : gc/ms scan 4/23 fb
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Apr 25 8:29 2002

Vial: 14
 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	581097	20.00	ug/l	-0.03
10) Naphthalene-d8	15.85	136	2131602	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1195861	20.00	ug/l	-0.03
30) Phenanthrene-d10	25.59	188	1770908	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	1177395	20.00	ug/l	-0.04
45) Perylene-d12	37.87	264	753933	20.00	ug/l	-0.05

System Monitoring Compounds

28) TCMX	23.28	209	47839	7.98	ug/L	-0.05
Spiked Amount	10.000		Recovery	=	79.80%	
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	15.89	128	245	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	753	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 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)

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Vial: 14

Acq On : 25 Apr 2002 4:25 am

Operator:

Sample : gc/ms scan 4/23 fb

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 25 8:29 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	860	N.D.		
35) Anthracene	25.65	178	204	N.D.		
36) Di-n-butylphthalate	27.55	149	3055	N.D.		
37) Fluoranthene	29.28	202	771	N.D.		
40) Pyrene	29.95	202	743	N.D.		
41) Butylbenzylphthalate	0.00	149	0	N.D.		
42) Benzo(a)anthracene	33.65	228	3045	N.D.		
43) Bis(2-ethylhexyl)phthalate	33.85	149	1148	N.D.		
44) Chrysene	33.70	228	779	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	37.87	252	2784	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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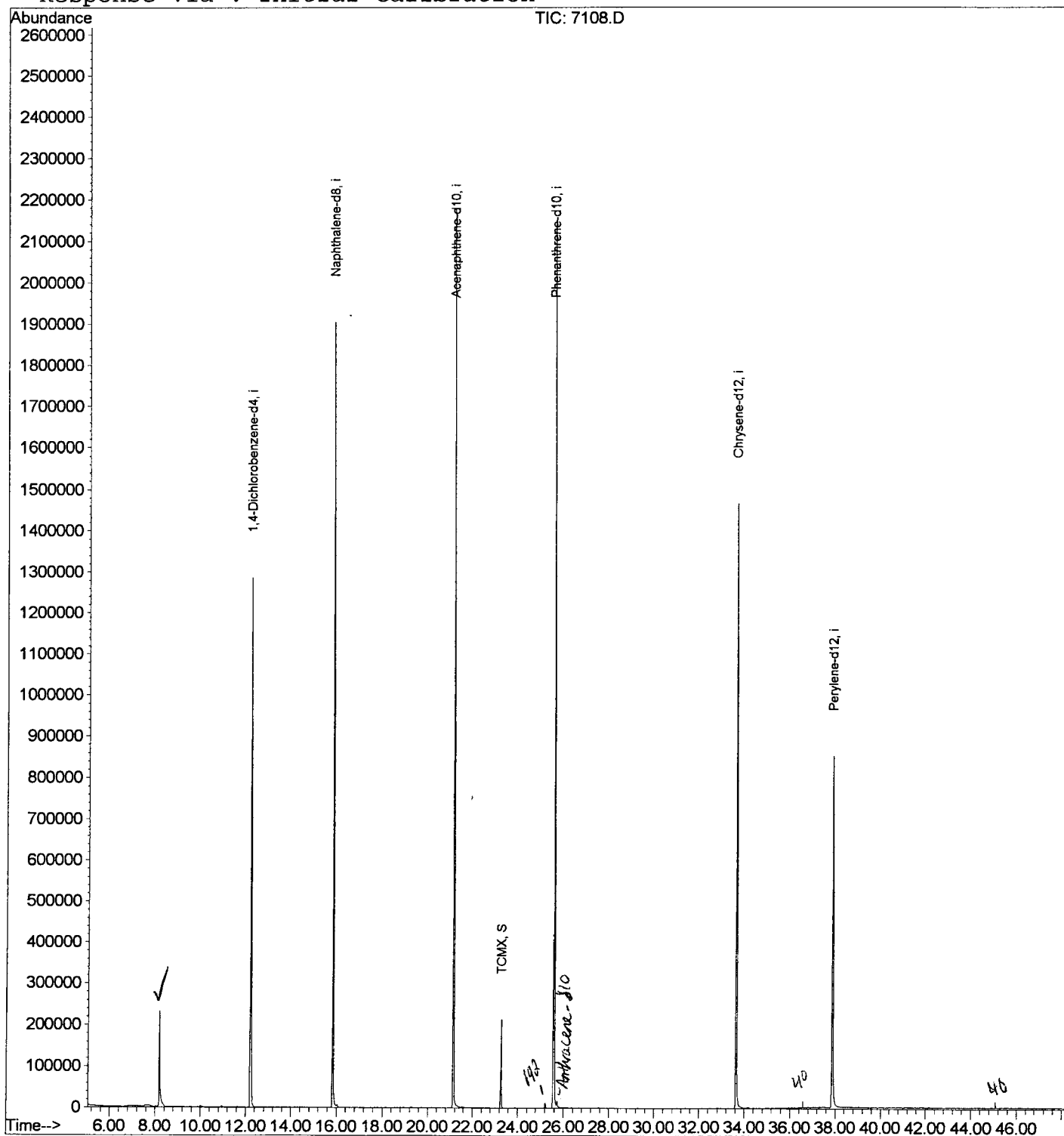
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2402\7108.D
Acq On : 25 Apr 2002 4:25 am
Sample : gc/ms scan 4/23 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 25 8:29 2002

Vial: 14
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\APR2402\7108.D

Vial: 14

Acq On : 25 Apr 2002 4:25 am

Operator:

Sample : gc/ms scan 4/23 fb

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	8.191	339	343	369	rBV	230533	602376	13.26%	2.607%
2	12.212	775	781	795	rBV	1285563	3134469	69.02%	13.564%
3	15.838	1170	1176	1193	rBV	1903981	4026440	88.66%	17.424%
4	21.145	1747	1754	1767	rBV	2180611	4541453	100.00%	19.652%
5	23.284	1978	1987	1992	rBV	213643	423502	9.33%	1.833%
6	25.588	2231	2238	2250	rBV	2149660	4420443	97.34%	19.129%
7	33.639	3108	3115	3132	rBV2	1465382	3410844	75.10%	14.760%
8	37.871	3567	3576	3598	rBV2	849084	2549517	56.14%	11.033%

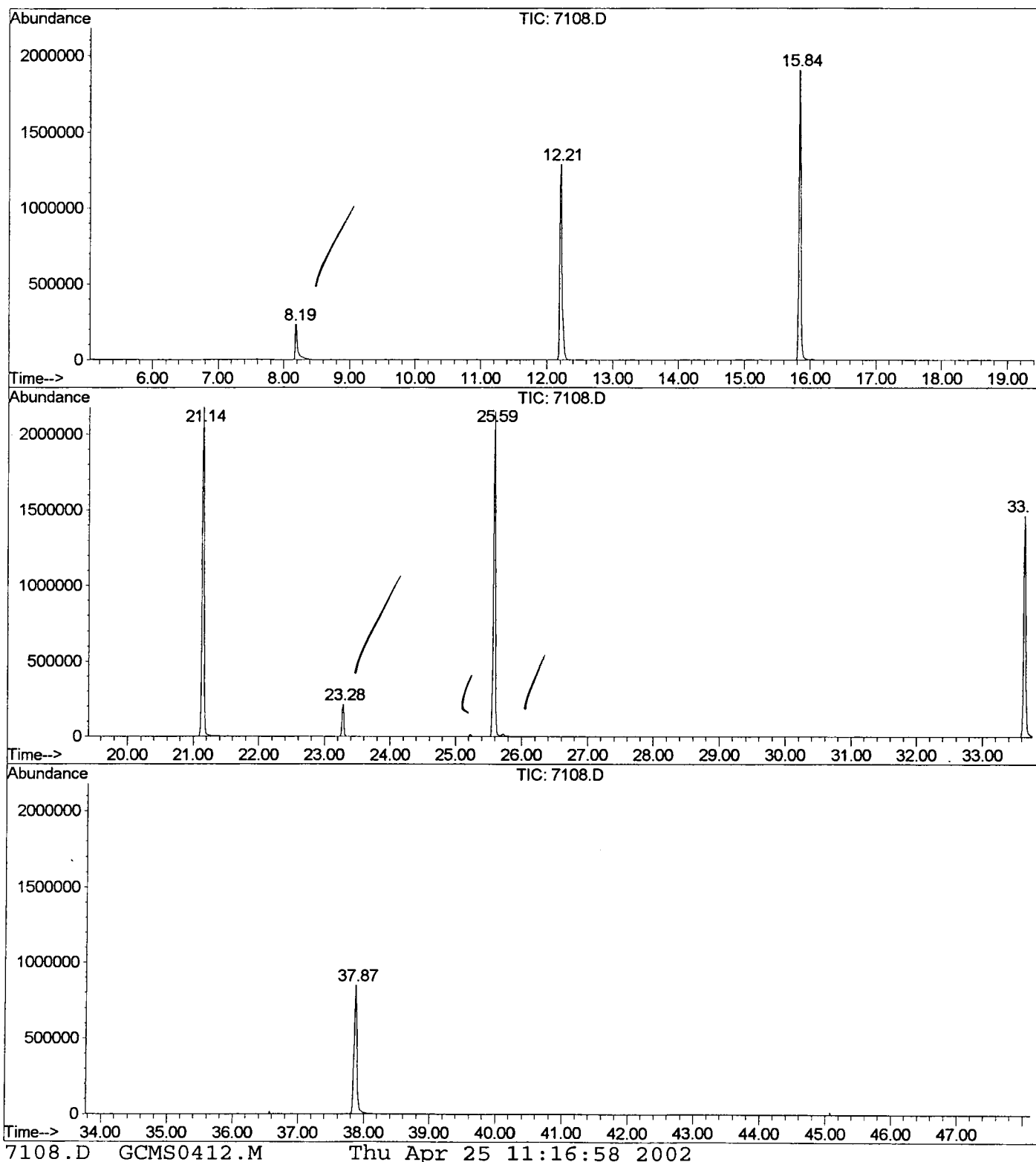
Sum of corrected areas: 23109044

7108.D GCMS0412.M

Thu Apr 25 11:16:57 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7108.D
 Operator :
 Acquired : 25 Apr 2002 4:25 am using AcqMethod GCMS0412
 Instrument : 209
 Sample Name: gc/ms scan 4/23 fb
 Misc Info :
 Vial Number: 14
 Quant File :GCMS0412.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7108.D
 Acq On : 25 Apr 2002 4:25 am
 Sample : gc/ms scan 4/23 fb
 Misc :
 MS Integration Params: LSCINT.P

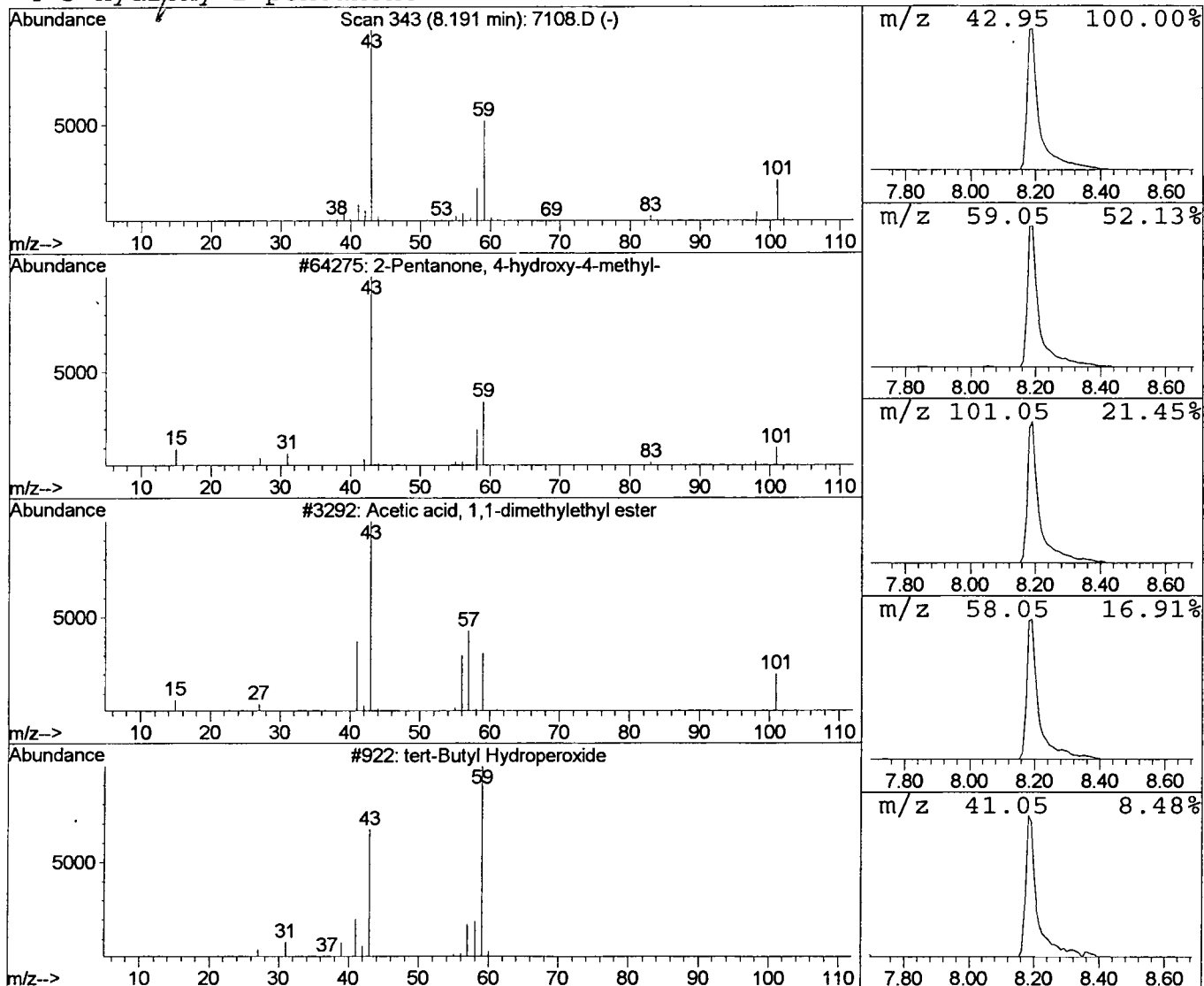
Vial: 14
 Operator:
 Inst : 209
 Multiplr: 1.00

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.
8.19	3.84 ug/l	602376	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	50		
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33		
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25		
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9		



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 25 Apr 2002 4:25 am
Data File: C:\HPCHEM\1\DATA\APR2402\7108.D
Name: gc/ms scan 4/23 fb
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	8.19	3.8	ug/l	602376	ISTD01	12.21	3134470	20.0
7108.D GCMS0412.M	Thu Apr 25	11:16:59	2002					