User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/29/2002 Time: 14:50:47

Sample: AE07066
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 14:49 Ended: 4/29/02 14:49 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE07066 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-29-2002 Time: 14:51:39

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\7066.D Vial: 8
Acq On : 24 Apr 2002 10:37 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:02 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	504703	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1838192	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1039001	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1526440	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	977486	20.00	ug/l	-0.03
45) Perylene-d12	37.88	264	600308	20.00	ug/l	-0.04
System Monitoring Compounds						
28) TCMX	23.29	209	42552	8.17	ug/L	-0.04
Spiked Amount 10.000			Recovery = 81.70%			
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	11.49	93	207	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	12.12	146	105	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	14.56	82	863	N.D.		
13) bis(2-Chloroethoxy)methane	15.23	93	614	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.90	128	1324	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.40	162	287	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	21.23	153	337	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.63	149	1032	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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Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

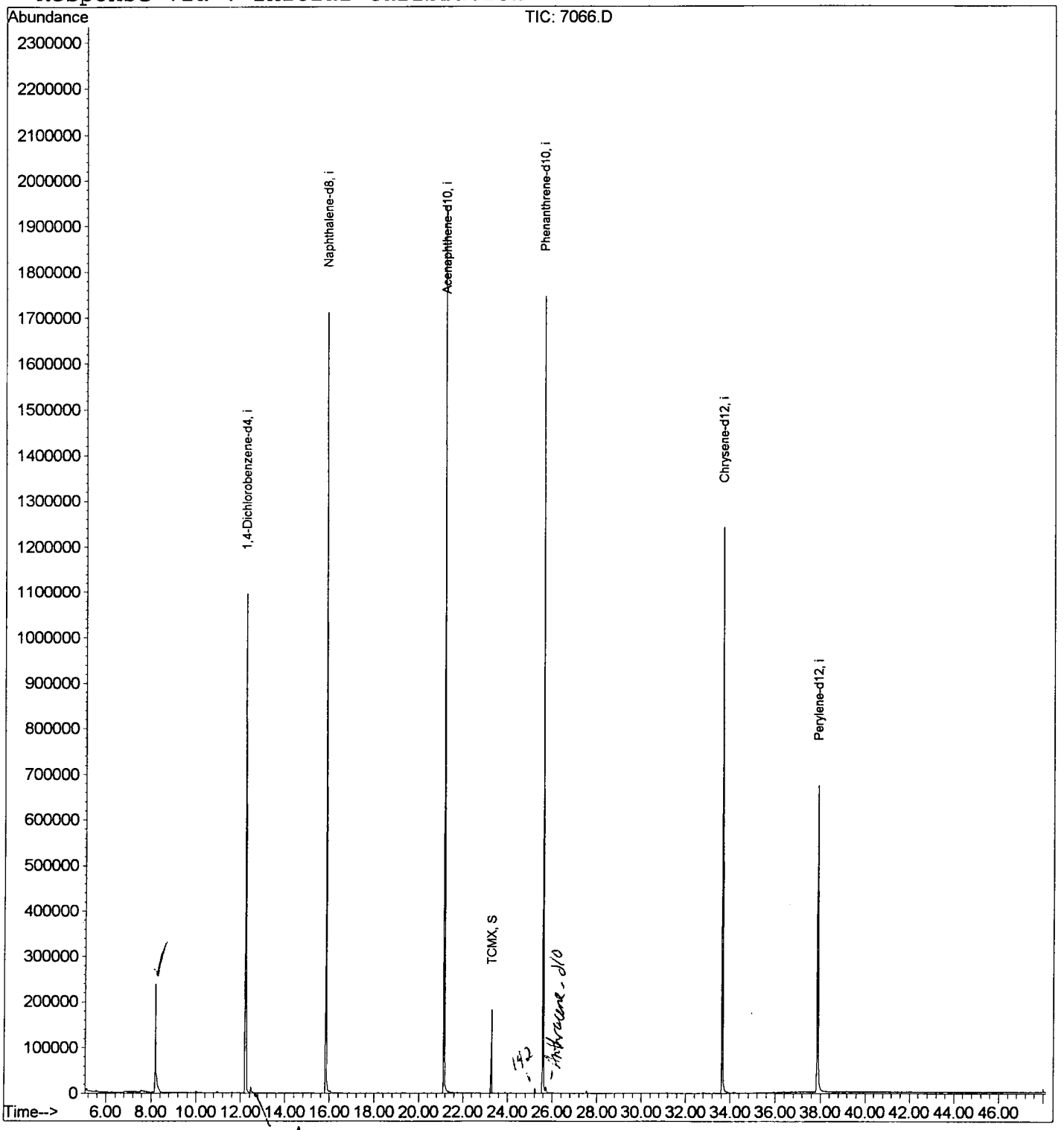
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.66	178	558	N.D.	
35)	Anthracene	25.66	178	558	N.D.	
36)	Di-n-butylphthalate	27.56	149	8040	N.D.	
37)	Fluoranthene	29.28	202	480	N.D.	
40)	Pyrene	29.95	202	108	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.65	228	2649	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	1282	N.D.	
44)	Chrysene	33.72	228	890	N.D.	
46)	Di-n-Octylphthalate	35.60	149	187	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	896	N.D.	
48)	Benzo(k)fluoranthene	36.77	252	637	N.D.	
49)	Benzo(a)pyrene	37.88	252	2502	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\APR2402\7066.D Vial: 8
Acq On : 24 Apr 2002 10:37 pm Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 25 11:02 2002 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\7066.D Vial: 8
Acq On : 24 Apr 2002 10:37 pm Operator:
Sample : gc/ms scan 4/23 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

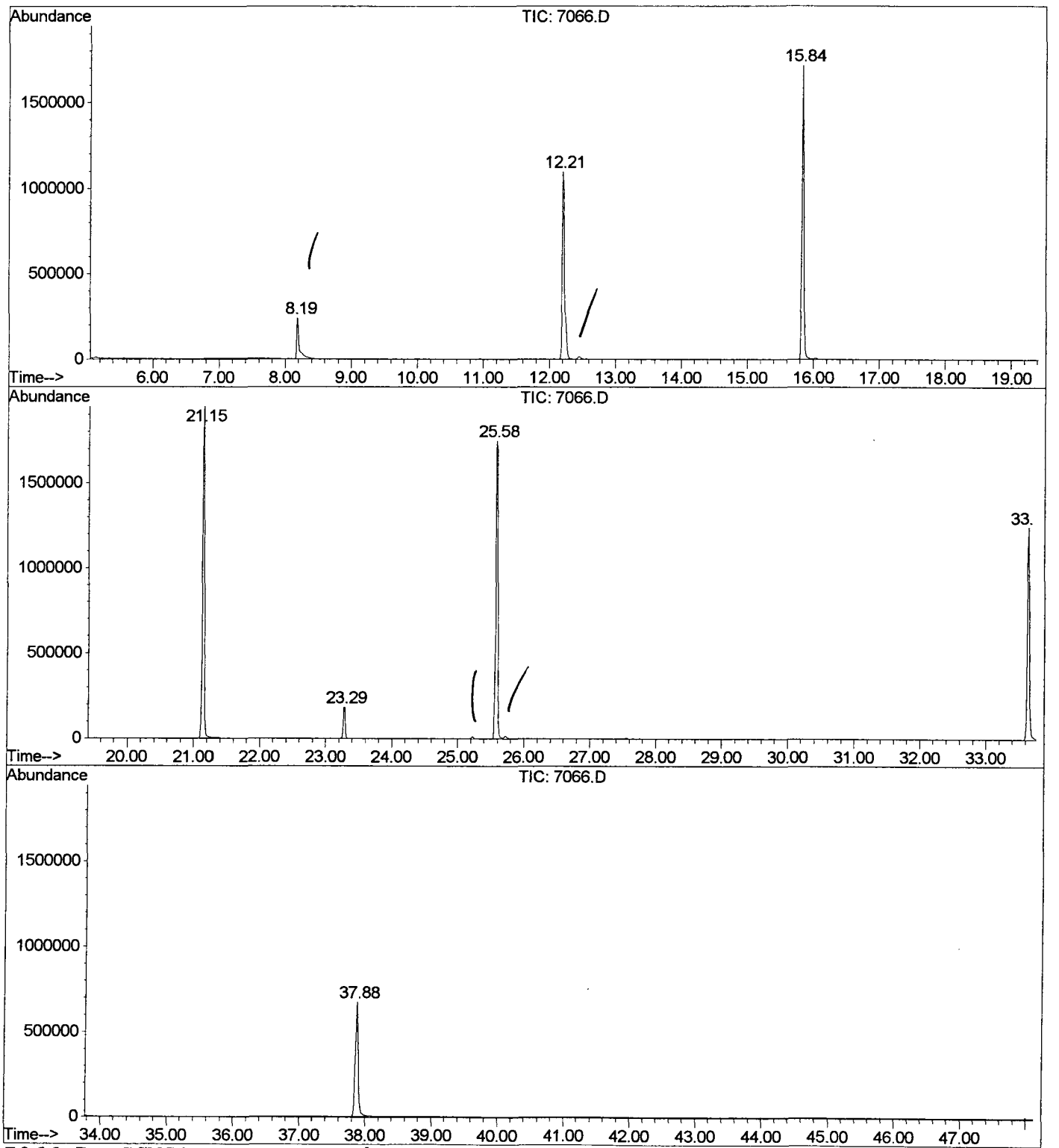
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.186	338	342	368	rBV	236569	601571	15.14%	3.035%
2	12.207	775	780	795	rBV	1094478	2709892	68.22%	13.671%
3	15.842	1170	1176	1193	rBV	1711767	3480027	87.61%	17.556%
4	21.149	1747	1754	1766	rBV	1945110	3972231	100.00%	20.039%
5	23.288	1977	1987	1994	rBV	182885	375444	9.45%	1.894%
6	25.583	2231	2237	2248	rBV2	1746302	3838734	96.64%	19.366%
7	33.643	3108	3115	3132	rBV2	1241426	2815964	70.89%	14.206%
8	37.875	3568	3576	3594	rBV2	671101	2028381	51.06%	10.233%

Sum of corrected areas: 19822244

7066.D GCMS0412.M Thu Apr 25 11:15:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2402\7066.D
Operator :
Acquired : 24 Apr 2002 10:37 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 8
Quant File :GCMS0412.RES (RTE Integrator)



7066.D GCMS0412.M Thu Apr 25 11:15:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2402\7066.D
Acq On : 24 Apr 2002 10:37 pm
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator:
Inst : 209
Multiplr: 1.00

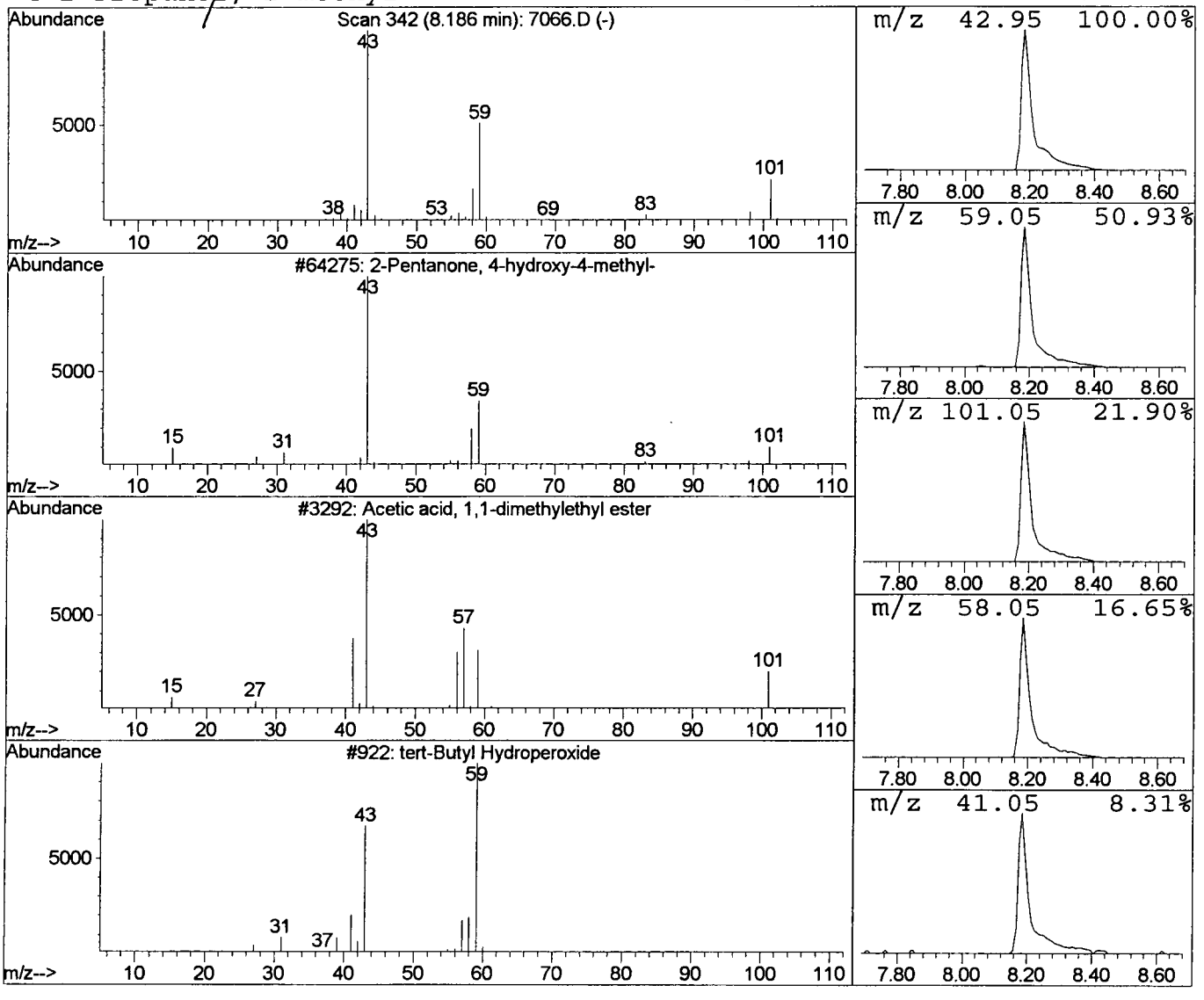
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.44 ug/l	601571	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	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Apr 2002 10:37 pm
Data File: C:\HPCHEM\1\DATA\APR2402\7066.D
Name: gc/ms scan 4/23
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	4.4	ug/l	601571	ISTD01	12.21	2709890	20.0

7066.D GCMS0412.M Thu Apr 25 11:15:49 2002