User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:57:24

Sample: AE12099
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:56 Ended: 6/6/02 14:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE12099 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 14:57:50

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\MAY3102\12099.D Vial: 7
Acq On : 31 May 2002 5:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:28 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	468226	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1882967	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	894604	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1413177	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	886072	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	591143	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	204426	33.03	ug/L	-0.02
Spiked Amount 40.000			Recovery = 82.58%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.37	74	399	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-Nitrosodi-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	15.75	128	311	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	22.50	149	186	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1326	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	299	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	429	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3102\12099.D Vial: 7
Acq On : 31 May 2002 5:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:28 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

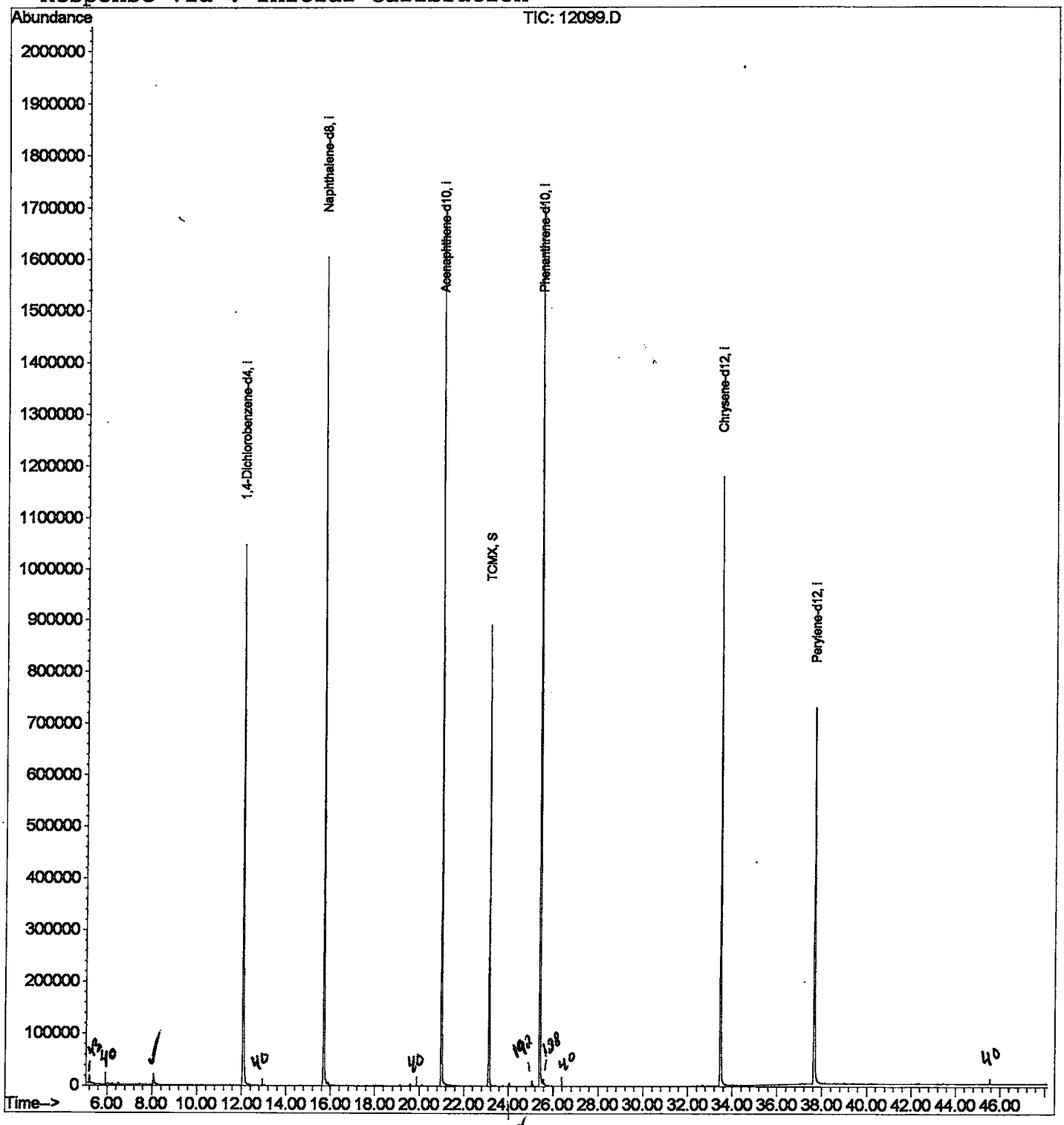
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.43	178	429	N.D.	
36) Di-n-butylphthalate	27.41	149	2696	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.47	228	2187	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	919	N.D.	
43) Chrysene	33.55	228	492	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.55	252	534	N.D.	
47) Benzo(k)fluoranthene	36.55	252	957	N.D.	
48) Benzo(a)pyrene	37.48	252	199	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\MAY3102\12099.D Vial: 7
Acq On : 31 May 2002 5:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:28 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12099.D Vial: 7
Acq On : 31 May 2002 5:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

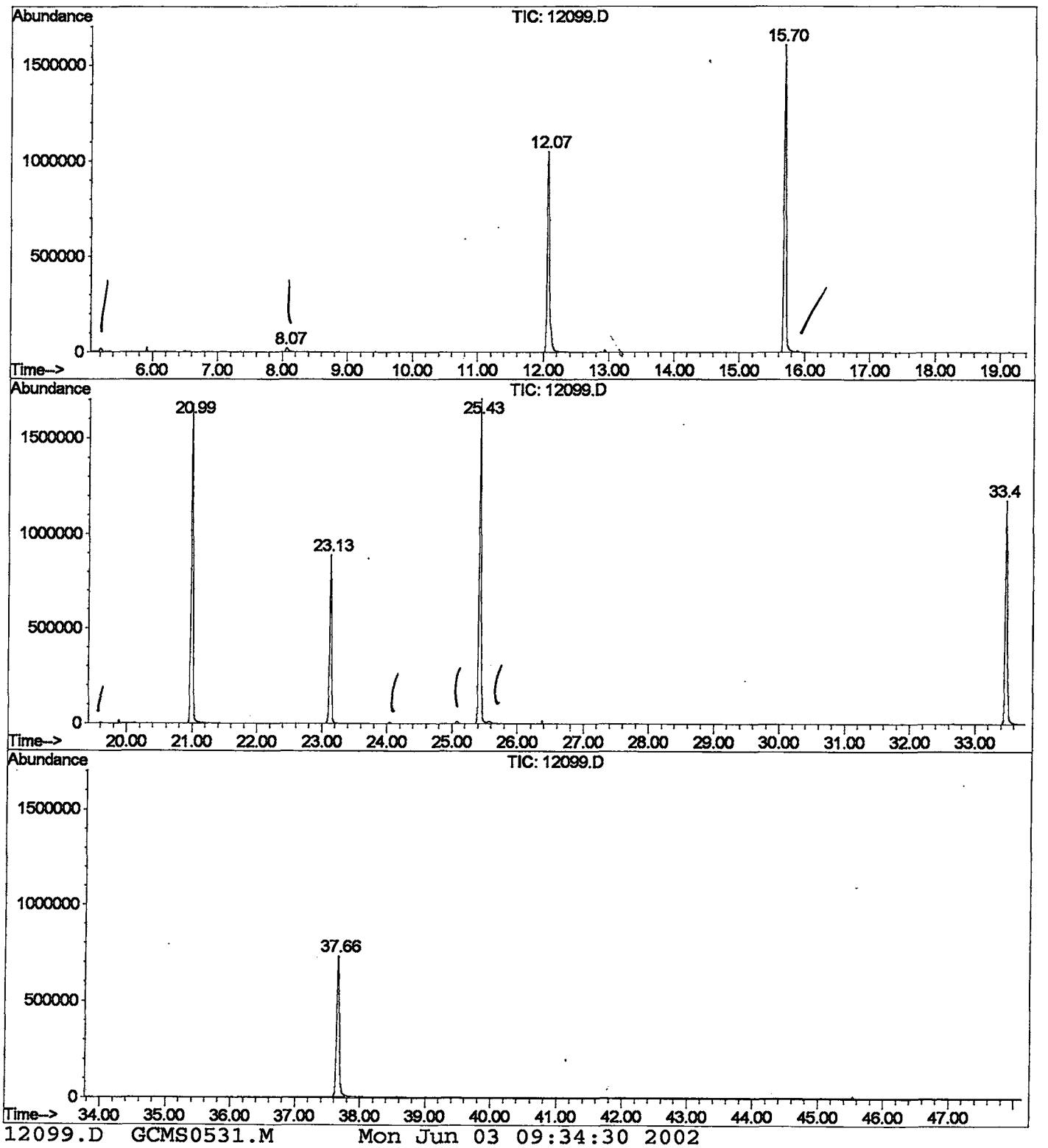
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.069	326	329	338	rBV	21517	55254	1.54%	0.276%
2	12.071	759	765	787	rBV	1047215	2556768	71.34%	12.781%
3	15.697	1153	1160	1178	rBV	1604537	3474628	96.95%	17.370%
4	20.994	1730	1737	1753	rBV	1679272	3523195	98.30%	17.613%
5	23.133	1960	1970	1985	rBV	890062	1884198	52.57%	9.419%
6	25.429	2213	2220	2231	rBV2	1705187	3584079	100.00%	17.917%
7	33.480	3090	3097	3113	rBV2	1179051	2764899	77.14%	13.822%
8	37.657	3544	3552	3565	rBV2	726531	2160748	60.29%	10.802%

Sum of corrected areas: 20003769

12099.D GCMS0531.M Mon Jun 03 09:34:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12099.D
Operator : Morgan
Acquired : 31 May 2002 5:52 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/29 fb
Misc Info :
Vial Number: 7
Quant File :GCMS0531.RES (RTE Integrator)



12099.D GCMS0531.M Mon Jun 03 09:34:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12099.D Vial: 7
Acq On : 31 May 2002 5:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

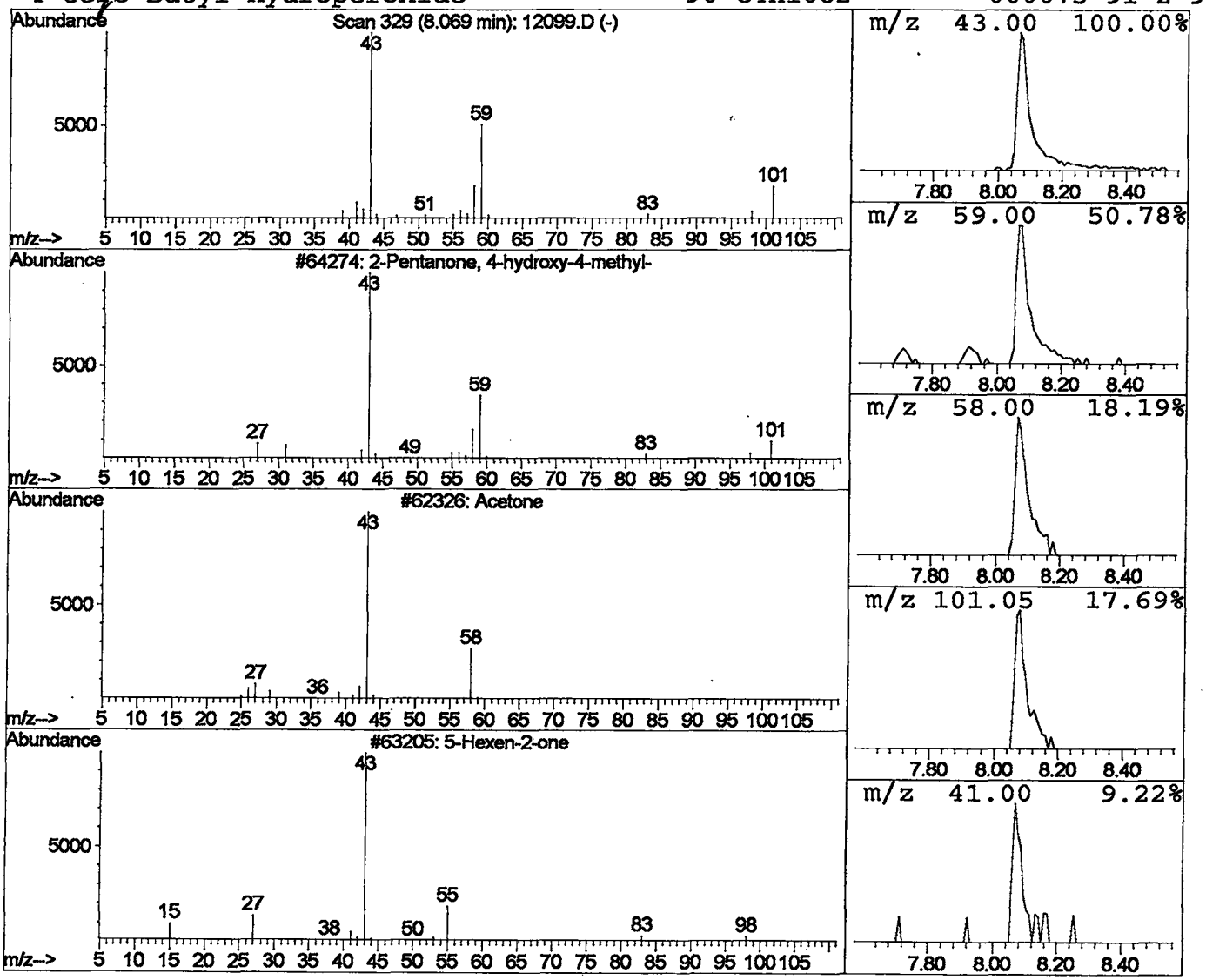
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.86 ug/l	55254	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 5:52 pm
Data File: C:\HPCHEM\1\DATA\MAY3102\12099.D
Name: gc/ms scan 5/29 fb
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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~~	8.07	0.9	ug/l	55254	ISTD01	12.07	2556770	40.0

12099.D GCMS0531.M Mon Jun 03 09:34:31 2002