User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 13:12:47

Sample: AE12094
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/31/20 00:02 Ended: 5/31/20 00:02 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		< MRL	2.0
2	bis(2-Chloroethyl)ether		< MRL	2.0
3	1,3-Dichlorobenzene		< MRL	2.0
4	1,4-Dichlorobenzene		< MRL	2.0
5	1,2-Dichlorobenzene		< MRL	2.0
6	2,2'-oxybis(1-Chloropropane)		< MRL	2.0
7	n-Nitrosodi-n-propylamine		< MRL	2.0
8	Hexachloroethane		< MRL	2.0
9	Nitrobenzene		< MRL	2.0
10	Isophorone		< MRL	2.0
11	bis(2-Chloroethoxy)methane		< MRL	2.0
12	1,2,4-Trichlorobenzene		< MRL	2.0
13	Naphthalene		< MRL	2.0
14	Hexachlorobutadiene		< MRL	2.0
15	2-Chloronaphthalene		< MRL	2.0
16	Dimethylphthalate		< MRL	2.0
17	2,6-Dinitrotoluene		< MRL	2.0
18	Acenaphthylene		< MRL	2.0
19	Acenaphthene		< MRL	2.0
20	2,4-Dinitrotoluene		< MRL	2.0
21	Diethylphthalate		< MRL	2.0
22	4-Chlorophenylphenylether		< MRL	2.0
23	Fluorene		< MRL	2.0
24	Azobenzene		< MRL	2.0
25	n-Nitrosodiphenylamine		< MRL	2.0
26	4-Bromophenylphenylether		< MRL	2.0
27	Hexachlorobenzene		< MRL	2.0
28	Phenanthrene		< MRL	2.0
29	Anthracene		< MRL	2.0
30	Di-n-butylphthalate		< MRL	2.0
31	Fluoranthene		< MRL	2.0
32	Pyrene		< MRL	2.0
33	Butylbenzylphthalate		< MRL	2.0
34	Benzo(a)anthracene		< MRL	2.0
35	bis(2-Ethylhexyl)phthalate		< MRL	2.0
36	Chrysene		< MRL	2.0
37	Di-n-octylphthalate		< MRL	2.0
38	Benzo(b)fluoranthene		< MRL	2.0
39	Benzo(k)fluoranthene		< MRL	2.0
40	Benzo(a)pyrene		< MRL	2.0
41	Indeno(1,2,3-cd)pyrene		< MRL	2.0
42	Dibenz(a,h)anthracene		< MRL	2.0
43	Benzo(g,h,i)perylene		< MRL	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3102\LBA.D Vial: 13
Acq On : 31 May 2002 11:48 pm Operator: Morgan
Sample : gc/ms scan 5/30 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:29 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	12.06	152	498179	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1997771	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	963959	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1509798	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	913469	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	581075	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	201110	30.15	ug/L	-0.01
Spiked Amount 40.000			Recovery = 75.37%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.06	146	200	N.D.		
5) 1,4-Dichlorobenzene	12.06	146	200	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	305	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	22.49	149	559	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1189	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	706	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	638	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 31 May 2002 11:48 pm Operator: Morgan
Sample : gc/ms scan 5/30 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:29 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

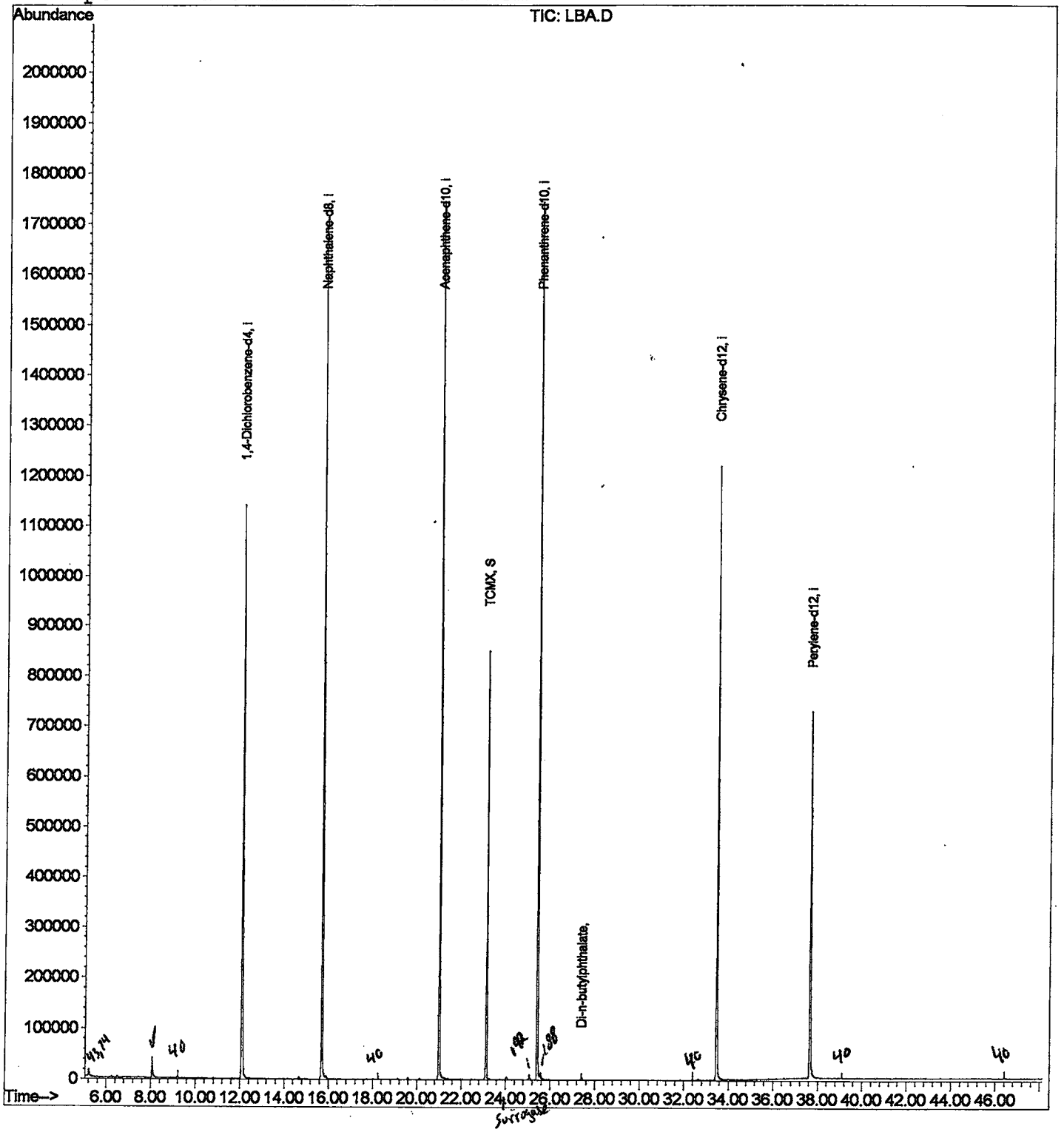
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.42	178	638	N.D.	
36)	Di-n-butylphthalate	27.41	149	17787	0.33 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.47	228	2056	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	973	N.D.	
43)	Chrysene	33.47	228	2056	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	37.65	252	2221	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\LBA.D Vial: 13
Acq On : 31 May 2002 11:48 pm Operator: Morgan
Sample : gc/ms scan 5/30 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:29 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\LBA.D Vial: 13
Acq On : 31 May 2002 11:48 pm Operator: Morgan
Sample : gc/ms scan 5/30 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

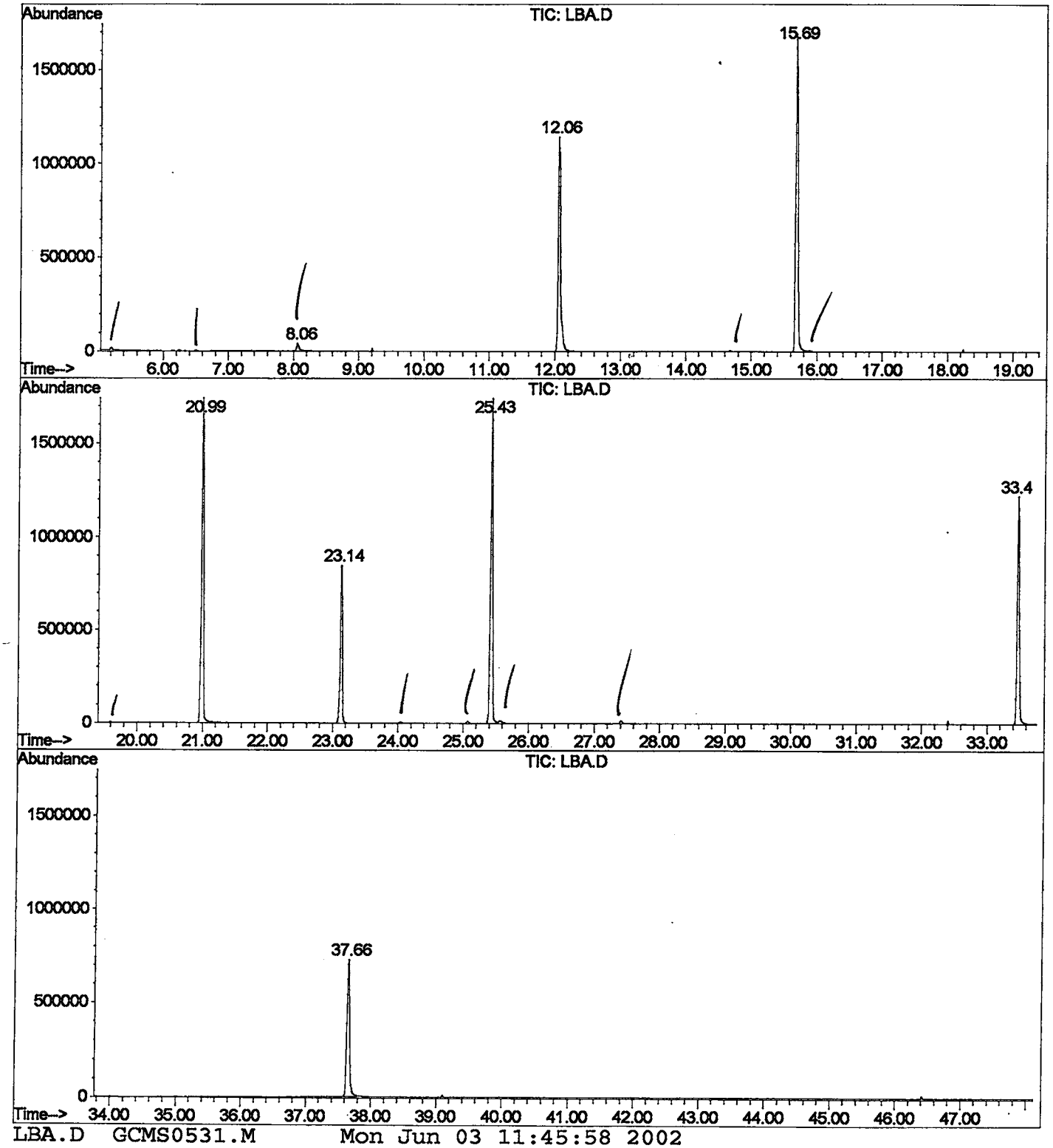
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.062	325	329	344	rBV	40865	102680	2.65%	0.489%
2	12.064	760	765	779	rBV	1141400	2686522	69.39%	12.798%
3	15.690	1154	1160	1178	rBV	1692100	3672218	94.85%	17.494%
4	20.987	1730	1737	1753	rBV	1744410	3794377	98.01%	18.076%
5	23.136	1960	1971	1983	rBV	850870	1875444	48.44%	8.934%
6	25.431	2213	2221	2232	rBV2	1743361	3871472	100.00%	18.443%
7	33.473	3090	3097	3113	rBV2	1220027	2856143	73.77%	13.606%
8	37.659	3545	3553	3568	rBV2	724757	2132570	55.08%	10.159%

Sum of corrected areas: 20991426

LBA.D GCMS0531.M Mon Jun 03 11:45:57 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\LBA.D
Operator : Morgan
Acquired : 31 May 2002 11:48 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/30
Misc Info :
Vial Number: 13
Quant File :GCMS0531.RES (RTE Integrator)



LBA.D GCMS0531.M Mon Jun 03 11:45:58 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\LBA.D
Acq On : 31 May 2002 11:48 pm
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: Morgan
Inst : 209
Multiplr: 1.00

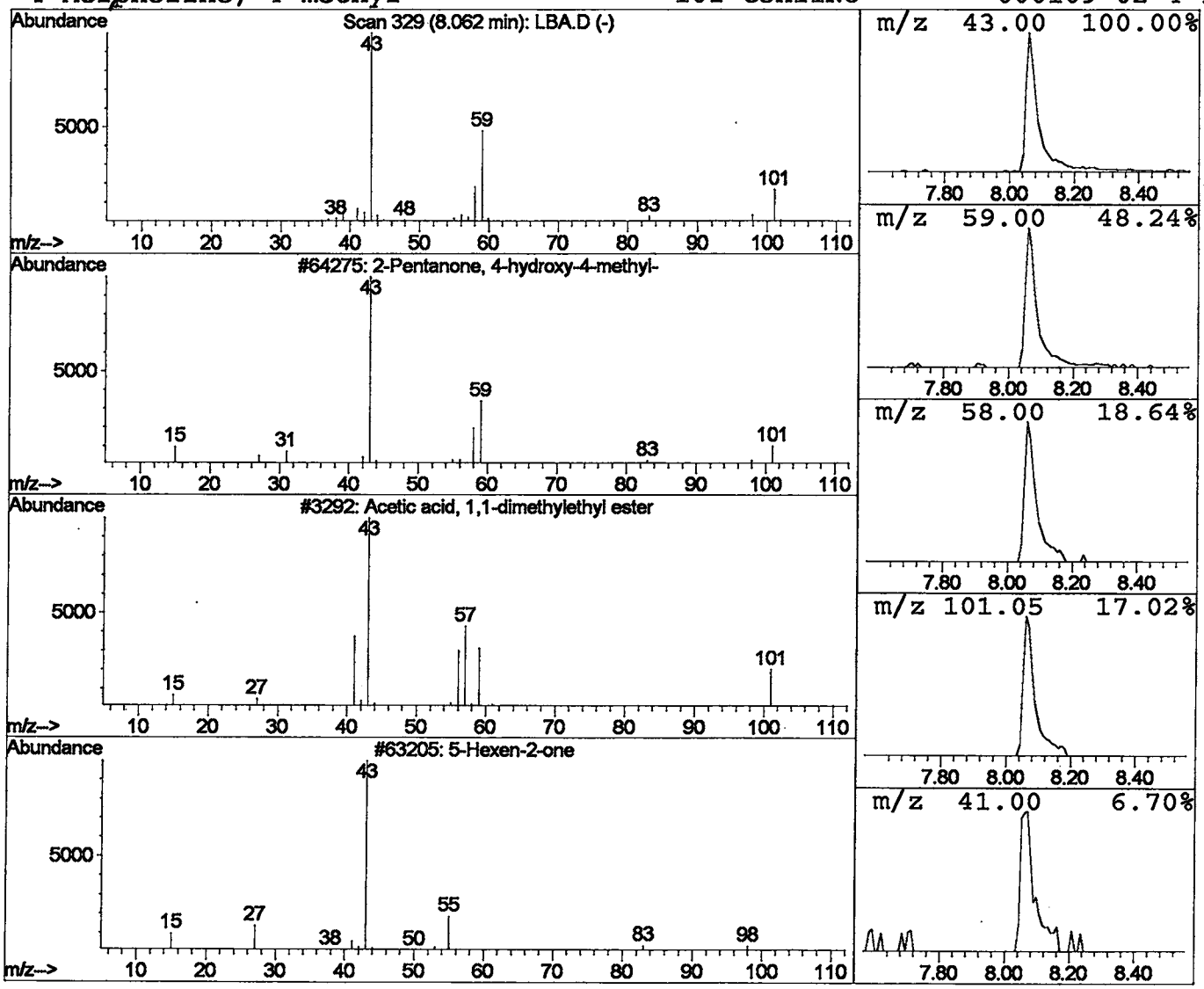
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.53 ug/l	102680	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 11:48 pm
Data File: C:\HPCHEM\1\DATA\MAY3102\LBA.D
Name: gc/ms scan 5/30
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~~	8.06	1.5	ug/l	102680	ISTD01	12.06	2686520	40.0

LBA.D GCMS0531.M Mon Jun 03 11:45:59 2002