User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 15:38:40

Sample: AE12093
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 5/31/20 00:00 Ended: 5/31/20 00:00 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Vial	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\MAY3002\LB.D Vial: 8
Acq On : 30 May 2002 8:57 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:07 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	549722	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2200939	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1044424	40.00	ug/l	-0.09
30) Phenanthrene-d10	25.43	188	1628060	40.00	ug/l	-0.10
38) Chrysene-d12	33.48	240	989269	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	616763	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	181040	34.49	ug/L	-0.10
Spiked Amount 40.000			Recovery = 86.23%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.42	74	228	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	361	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	601	N.D.		
26) 4-Chlorophenylphenylether	23.12	204	1242	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	167	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	941	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\LB.D Vial: 8
Acq On : 30 May 2002 8:57 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:07 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
35)	Anthracene	25.65	178	335	N.D.		
36)	Di-n-butylphthalate	27.41	149	10712	N.D.		
37)	Fluoranthene	29.13	202	870	N.D.		
39)	Pyrene	29.80	202	1298	N.D.		
40)	Butylbenzylphthalate	31.93	149	1507	N.D.		
41)	Benzo(a)anthracene	33.42	228	14687	0.54 ug/l		95
42)	Bis(2-ethylhexyl)phthalate	33.71	149	15205	0.62 ug/l		97
43)	Chrysene	33.54	228	24517	0.92 ug/l		99
45)	Di-n-Octylphthalate	35.45	149	15068	0.42 ug/l		99
46)	Benzo(b)fluoranthene	36.51	252	15349	0.67 ug/l	#	90
47)	Benzo(k)fluoranthene	36.57	252	26030	1.09 ug/l	#	93
48)	Benzo(a)pyrene	37.46	252	6234	0.29 ug/l	#	84
49)	Indeno(1,2,3-cd)pyrene	41.62	276	12585	0.61 ug/l		95
50)	Dibenz(a,h)anthracene	41.71	278	12917	0.79 ug/l		96
51)	Benzo(g,h,i)perylene	42.83	276	10449	0.64 ug/l	#	88

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

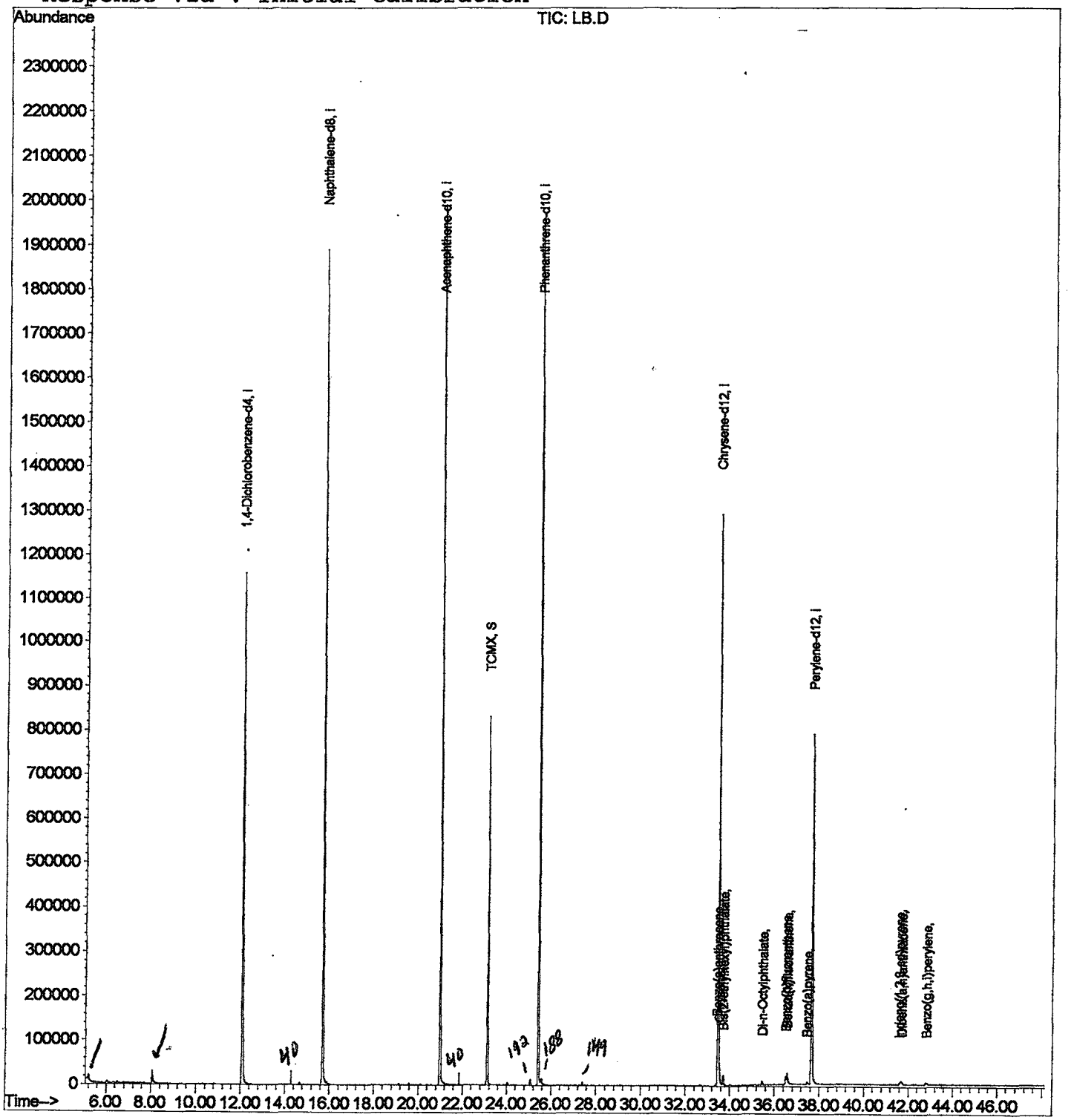
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\LB.D
Acq On : 30 May 2002 8:57 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 31 11:07 2002

Vial: 8
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3002\LB.D Vial: 8
Acq On : 30 May 2002 8:57 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

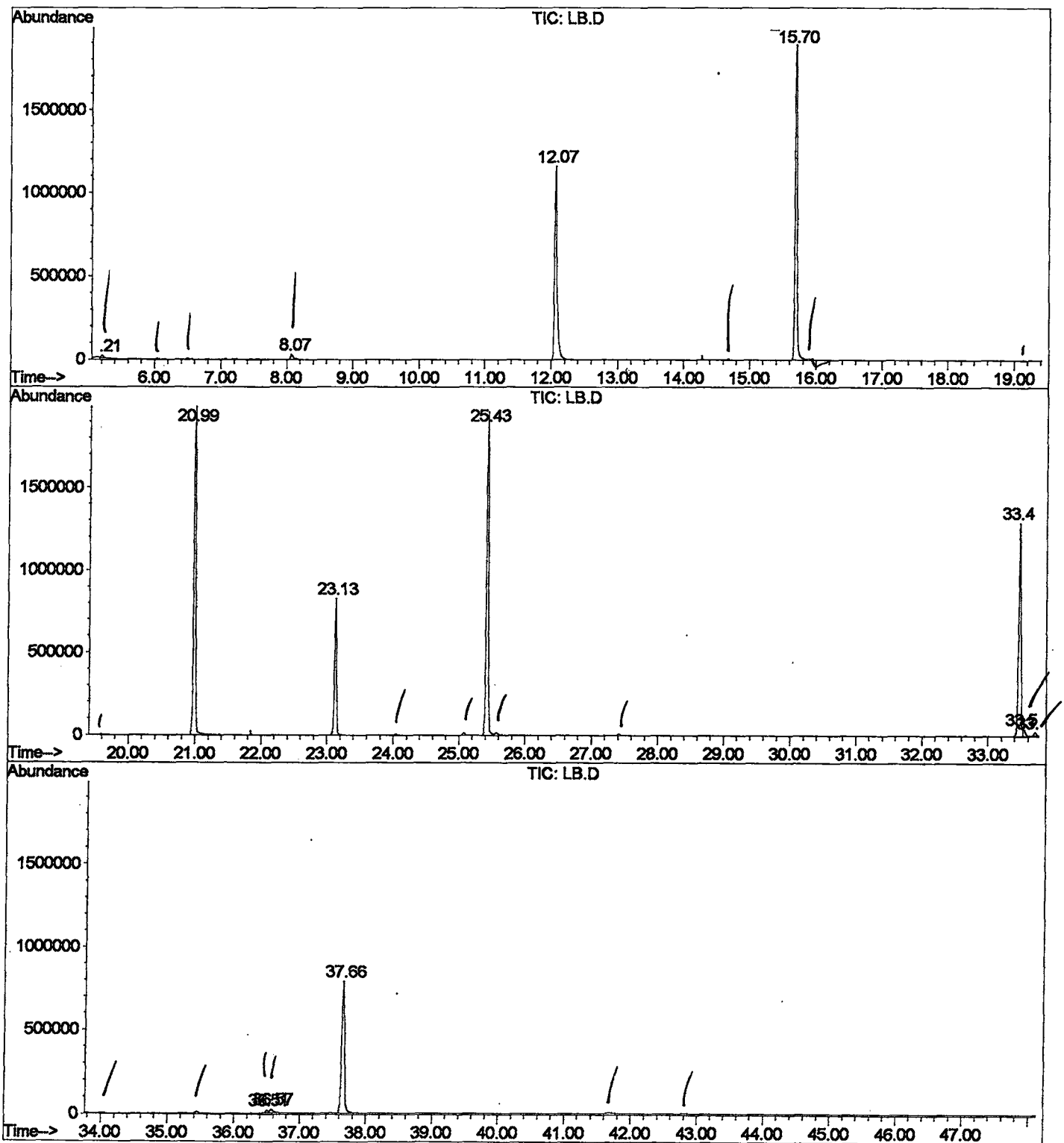
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.214	14	18	27	rVB	16605	44523	1.06%	0.194%
2	8.069	326	329	345	rBV	30242	84361	2.01%	0.368%
3	12.071	759	765	785	rBV	1158570	2979710	71.02%	12.993%
4	15.698	1154	1160	1177	rBV	1887982	4070174	97.01%	17.748%
5	20.995	1730	1737	1755	rBV	1990108	4195598	100.00%	18.295%
6	23.134	1962	1970	1980	rBV	831972	1700704	40.54%	7.416%
7	25.429	2213	2220	2231	rBV2	1959651	4162597	99.21%	18.151%
8	33.480	3085	3097	3102	rBV2	1293355	3107132	74.06%	13.549%
9	33.544	3102	3104	3118	rVV	40565	103007	2.46%	0.449%
10	33.709	3118	3122	3128	rVB	21027	49000	1.17%	0.214%
11	36.509	3422	3427	3430	rBV	17254	45255	1.08%	0.197%
12	36.574	3430	3434	3444	rVB2	23067	74469	1.77%	0.325%
13	37.657	3543	3552	3571	rBV2	789078	2316787	55.22%	10.102%

Sum of corrected areas: 22933317

LB.D GCMS0520.M Fri May 31 11:35:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\LB.D
Operator : Morgan
Acquired : 30 May 2002 8:57 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/29
Misc Info :
Vial Number: 8
Quant File :GCMS0520.RES (RTE Integrator)



LB.D GCMS0520.M Fri May 31 11:35:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\LB.D
Acq On : 30 May 2002 8:57 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: Morgan
Inst : 209
Multiplr: 1.00

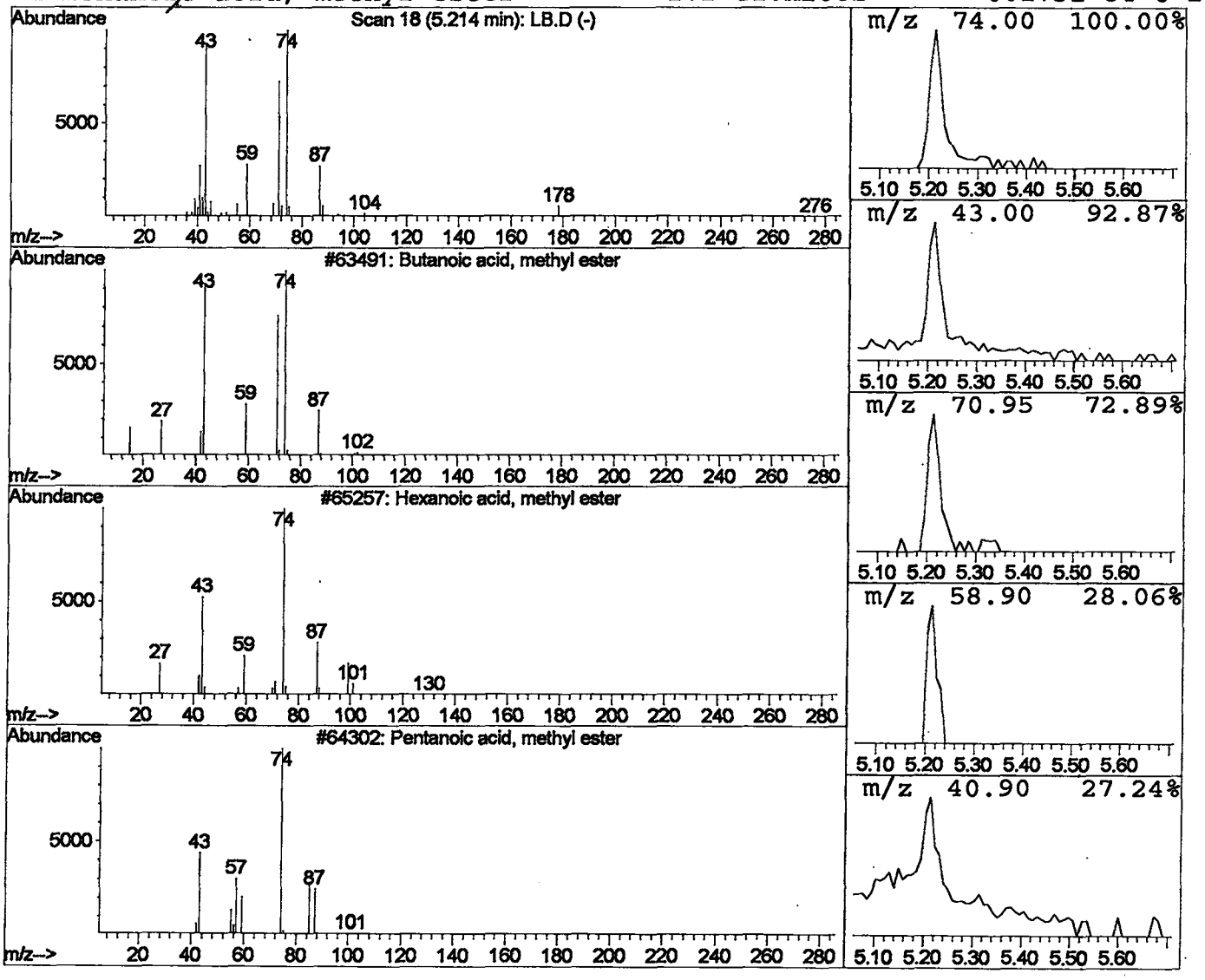
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	0.60 ug/l	44523	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
2	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	53
3	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	33
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\LB.D
Acq On : 30 May 2002 8:57 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: Morgan
Inst : 209
Multiplr: 1.00

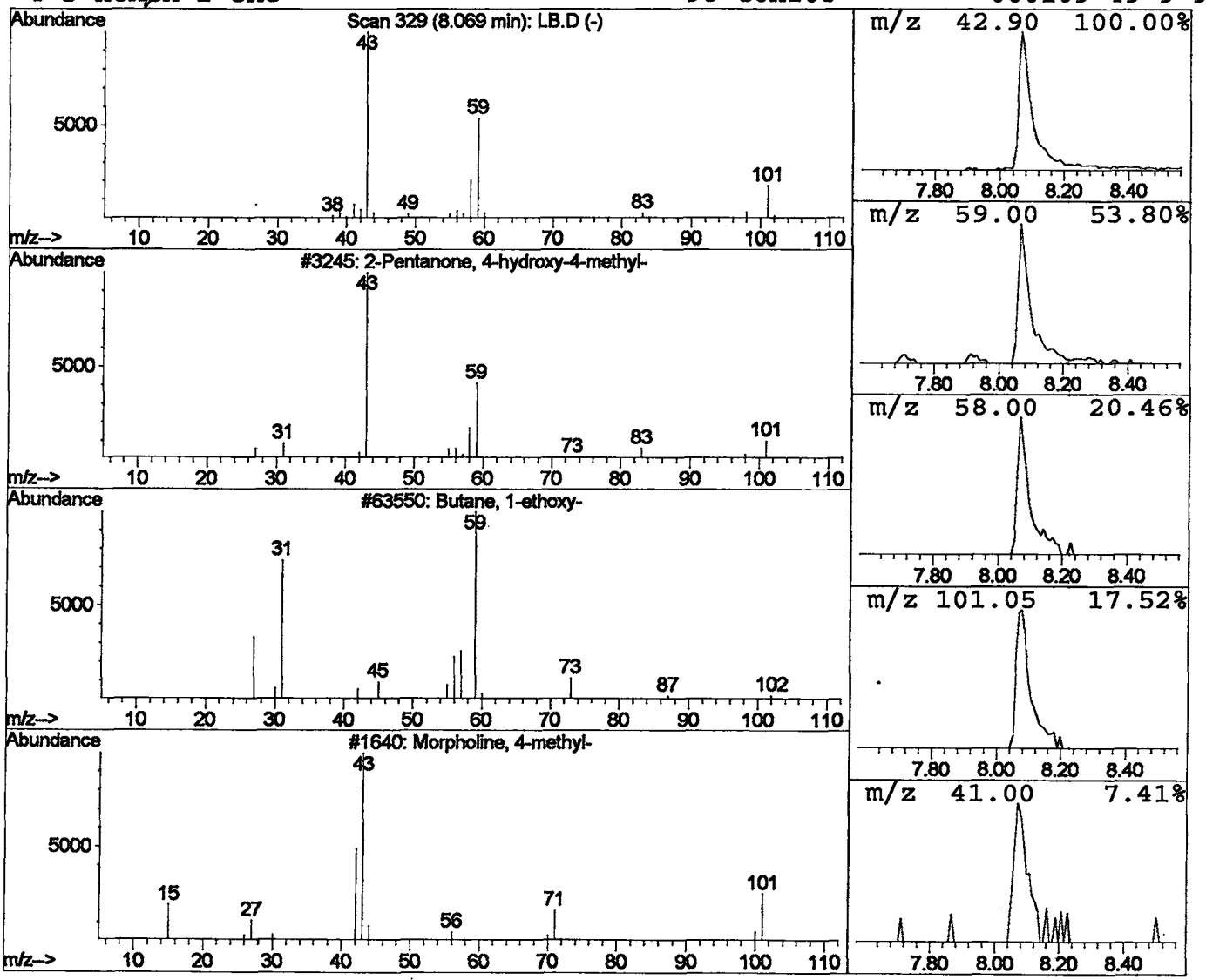
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	1.13 ug/l	84361	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	43
2	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 8:57 pm
Data File: C:\HPCHEM\1\DATA\MAY3002\LB.D
Name: gc/ms scan 5/29
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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
Butanoic acid, methy	5.21	0.6	ug/l	44523	ISTD01	12.07	2979710	40.0
2-Pentanone, 4-hydro	8.07	1.1	ug/l	84361	ISTD01	12.07	2979710	40.0

LB.D GCMS0520.M Fri May 31 11:35:26 2002