Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2302\12097.D Vial: 12
Acq On : 23 May 2002 10:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:53 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	535590	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1950428	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.09	164	1058752	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1389186	40.00	ug/l	0.00
38) Chrysene-d12	33.58	240	774801	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	539904	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.23	209	131533	24.72	ug/L	0.00
Spiked Amount 40.000			Recovery =	61.80%		
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	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	15.84	128	542	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	22.57	149	569	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	456	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.24	168	347	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	223	N.D.		

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

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:53 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

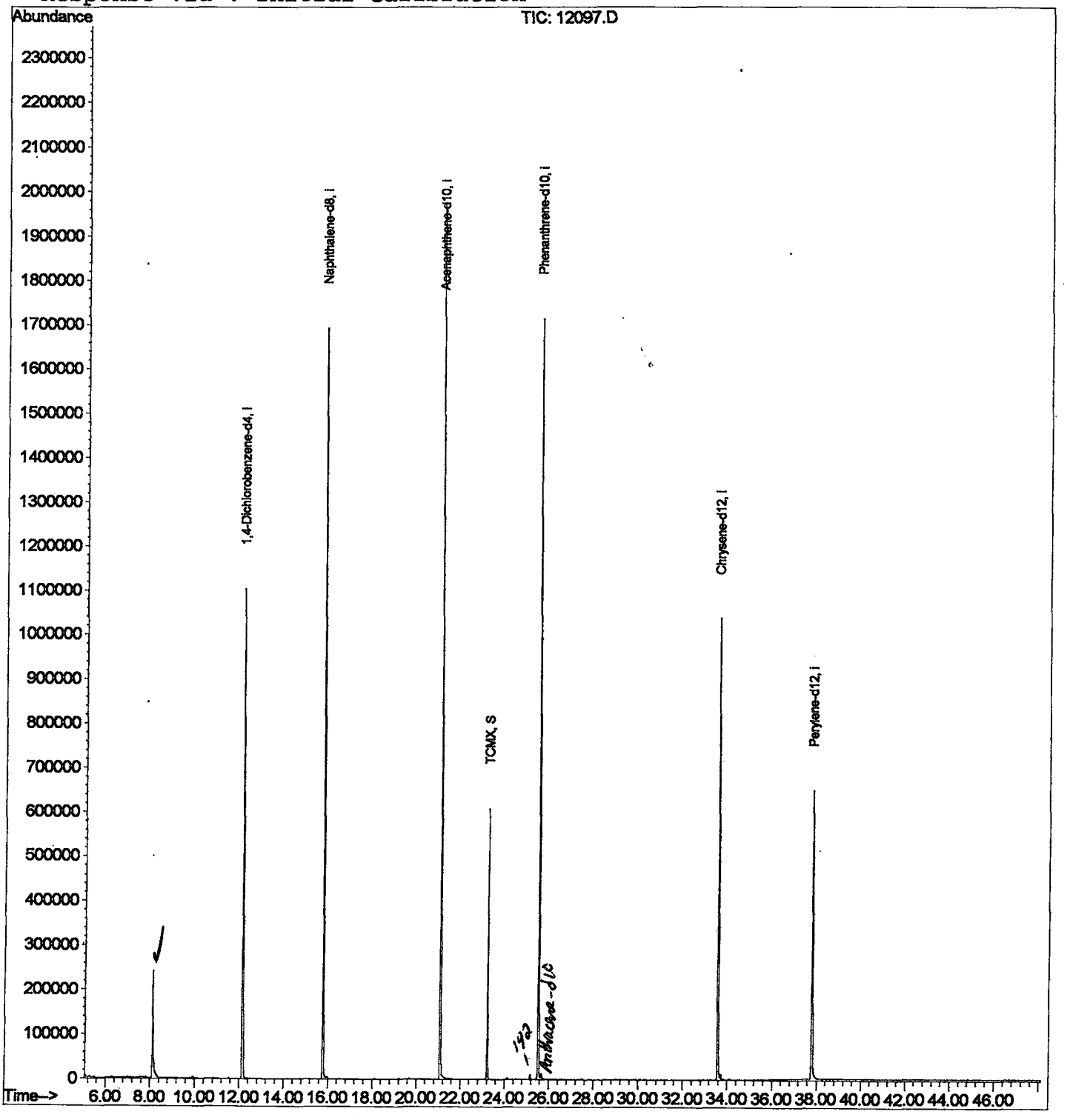
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	223	N.D.	
36)	Di-n-butylphthalate	27.50	149	3249	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1839	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	1213	N.D.	
43)	Chrysene	33.58	228	1839	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.70	252	178	N.D.	
47)	Benzo(k)fluoranthene	36.70	252	178	N.D.	
48)	Benzo(a)pyrene	37.79	252	1987	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\MAY2302\12097.D Vial: 12
Acq On : 23 May 2002 10:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:53 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 15:47:14 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12097.D Vial: 12
Acq On : 23 May 2002 10:59 pm Operator: Morgan
Sample : 5/21 bn 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

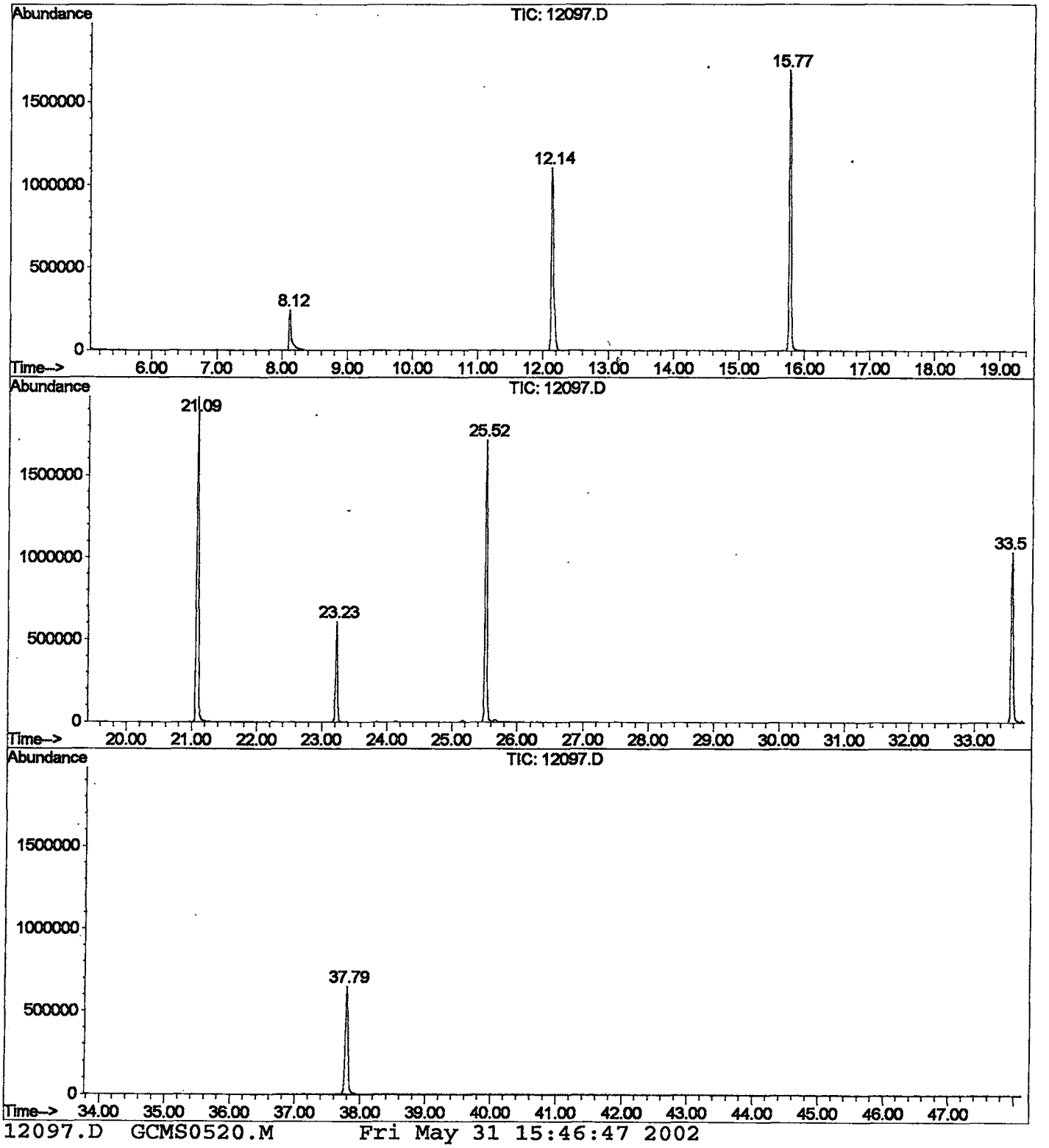
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.118	331	335	362	rBV	239810	624443	15.52%	3.128%
2	12.139	768	773	789	rBV	1103285	2709669	67.33%	13.572%
3	15.775	1163	1169	1186	rBV	1691703	3555388	88.35%	17.809%
4	21.090	1741	1748	1770	rBV	1974949	4024368	100.00%	20.158%
5	23.229	1971	1981	1990	rBV	607915	1208789	30.04%	6.055%
6	25.524	2225	2231	2242	rBV2	1713274	3597473	89.39%	18.019%
7	33.575	3101	3108	3124	rBV2	1037387	2349377	58.38%	11.768%
8	37.789	3559	3567	3591	rBV2	646062	1895011	47.09%	9.492%

Sum of corrected areas: 19964518

12097.D GCMS0520.M Fri May 31 15:46:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2302\12097.D
Operator : Morgan
Acquired : 23 May 2002 10:59 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: 5/21 bn
Misc Info :
Vial Number: 12
Quant File :GCMS0520.RES (RTE Integrator)



12097.D GCMS0520.M Fri May 31 15:46:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12097.D
Acq On : 23 May 2002 10:59 pm
Sample : 5/21 bn
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: Morgan
Inst : 209
Multiplr: 1.00

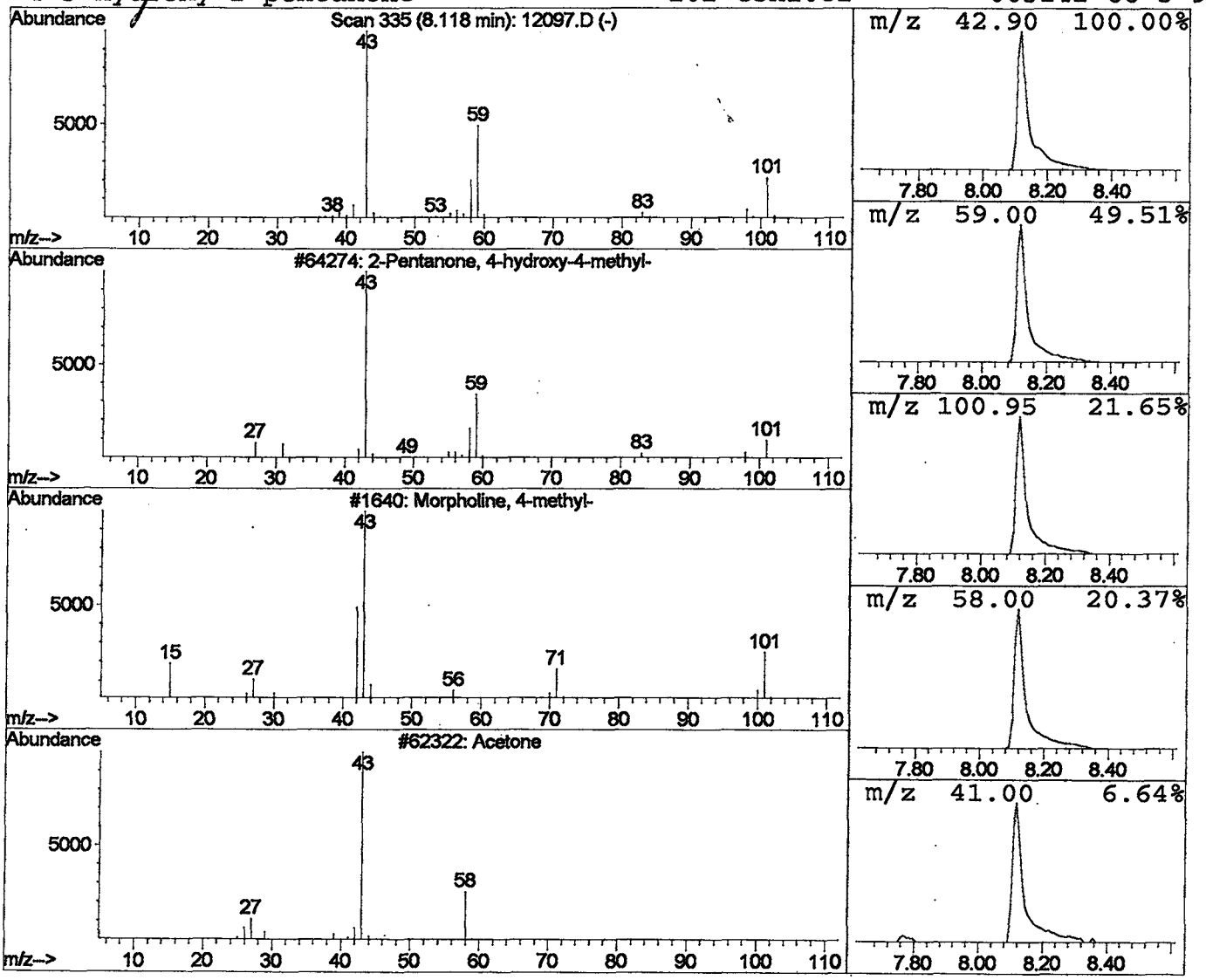
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	9.22 ug/l	624443	1,4-Dichlorobenzene-d4	12.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 23 May 2002 10:59 pm
Data File: C:\HPCHEM\1\DATA\MAY2302\12097.D
Name: 5/21 bn
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
~~2-Pentanone, 4-hydro~~	8.12	9.2	ug/l	624443	ISTD01	12.14	2709670	40.0

12097.D GCMS0520.M Fri May 31 15:46:48 2002