Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2302\12096.D Vial: 11
Acq On : 23 May 2002 9:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 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	485854	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1764616	40.00	ug/l	0.00
17) Acenaphthene-d10	21.08	164	954913	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1266826	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	741631	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	508144	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	132545	27.62	ug/L	0.00
Spiked Amount 40.000			Recovery =	69.05%		
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	0.00	128	0	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	242	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	443	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	368	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	226	N.D.		

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

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MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 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	25.52	178	226	N.D.	
36)	Di-n-butylphthalate	27.50	149	2495	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	1662	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	691	N.D.	
43)	Chrysene	33.58	228	1662	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.70	252	345	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.79	252	1881	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

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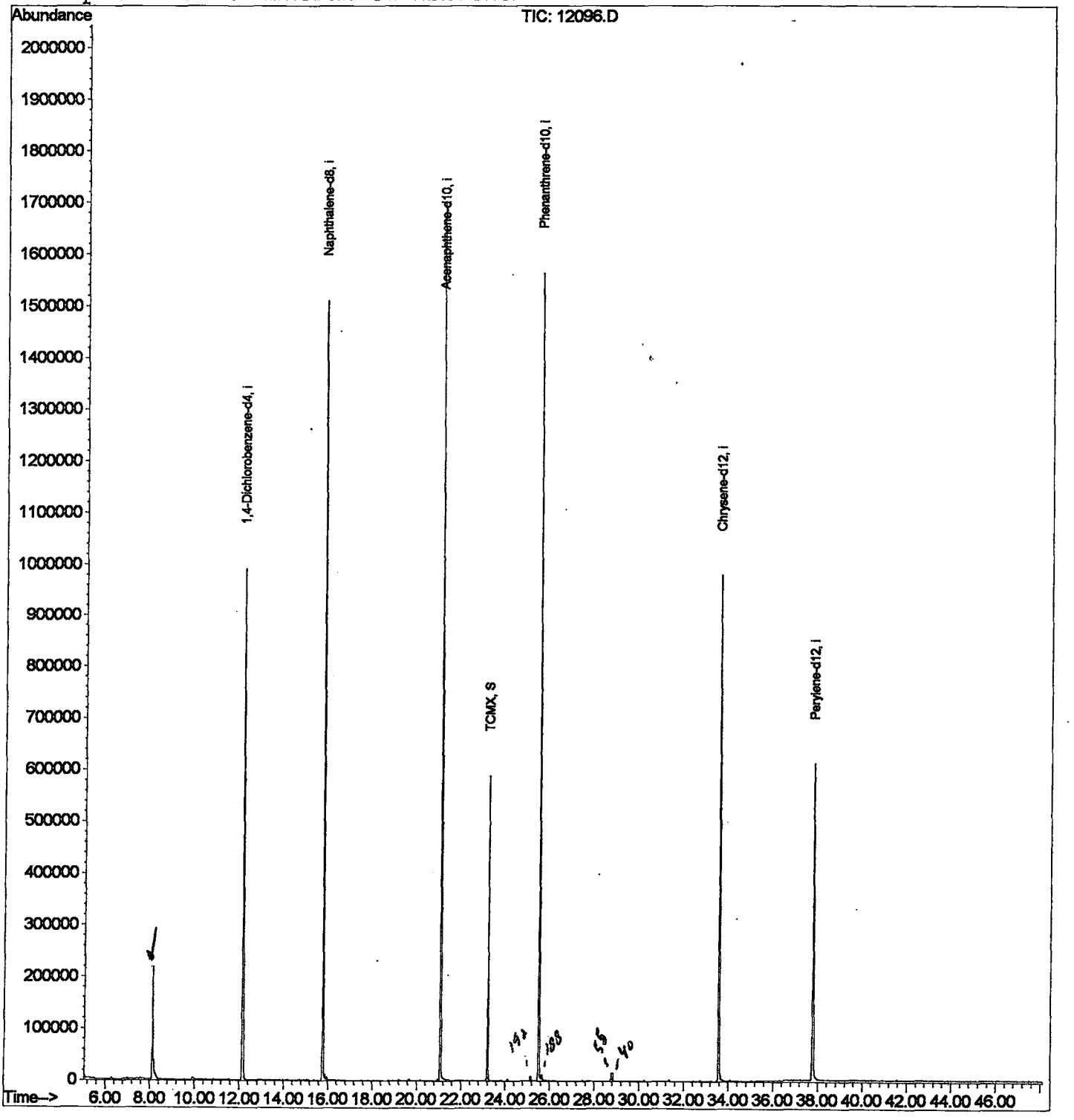
Acq On : 23 May 2002 9:59 pm Operator: Morgan
Sample : 5/21 bn Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 15:48 2002 Quant Results File: GCMS0520.RES

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\12096.D Vial: 11
Acq On : 23 May 2002 9:59 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

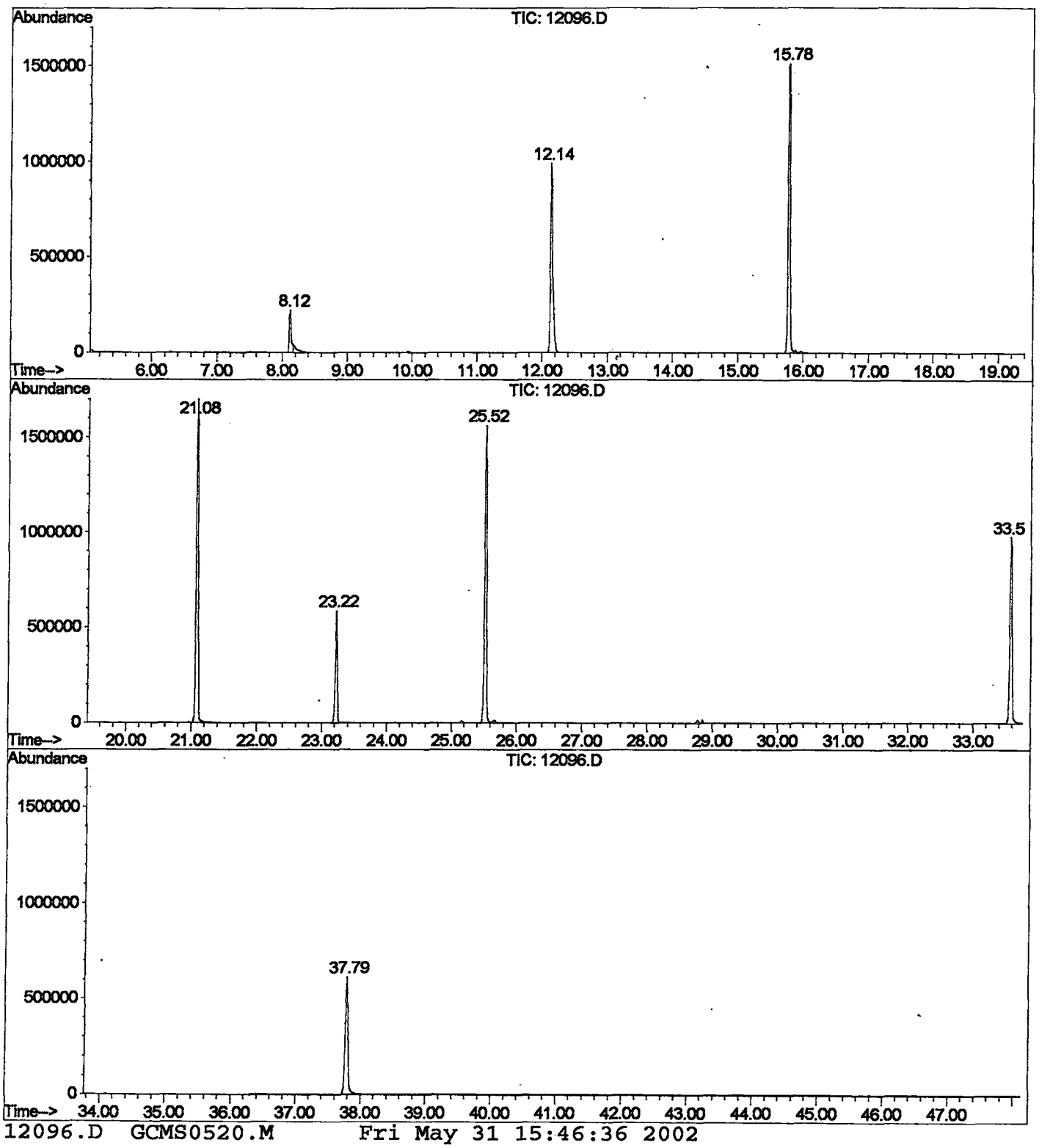
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.117	331	335	340	rBV	217283	446922	12.46%	2.455%
2	12.138	768	773	788	rBV	991184	2444950	68.18%	13.429%
3	15.783	1163	1170	1180	rBV	1510414	3199659	89.22%	17.574%
4	21.080	1741	1747	1766	rBV	1702149	3586085	100.00%	19.696%
5	23.219	1973	1980	1986	rBV	587687	1233343	34.39%	6.774%
6	25.523	2224	2231	2242	rBV2	1563216	3264781	91.04%	17.932%
7	33.574	3101	3108	3130	rBV2	978972	2255963	62.91%	12.391%
8	37.788	3559	3567	3588	rBV2	609279	1775172	49.50%	9.750%

Sum of corrected areas: 18206875

12096.D GCMS0520.M Fri May 31 15:46:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2302\12096.D
Operator : Morgan
Acquired : 23 May 2002 9:59 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: 5/21 bn
Misc Info :
Vial Number: 11
Quant File :GCMS0520.RES (RTE Integrator)



12096.D GCMS0520.M Fri May 31 15:46:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2302\12096.D
Acq On : 23 May 2002 9:59 pm
Sample : 5/21 bn
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: Morgan
Inst : 209
Multiplr: 1.00

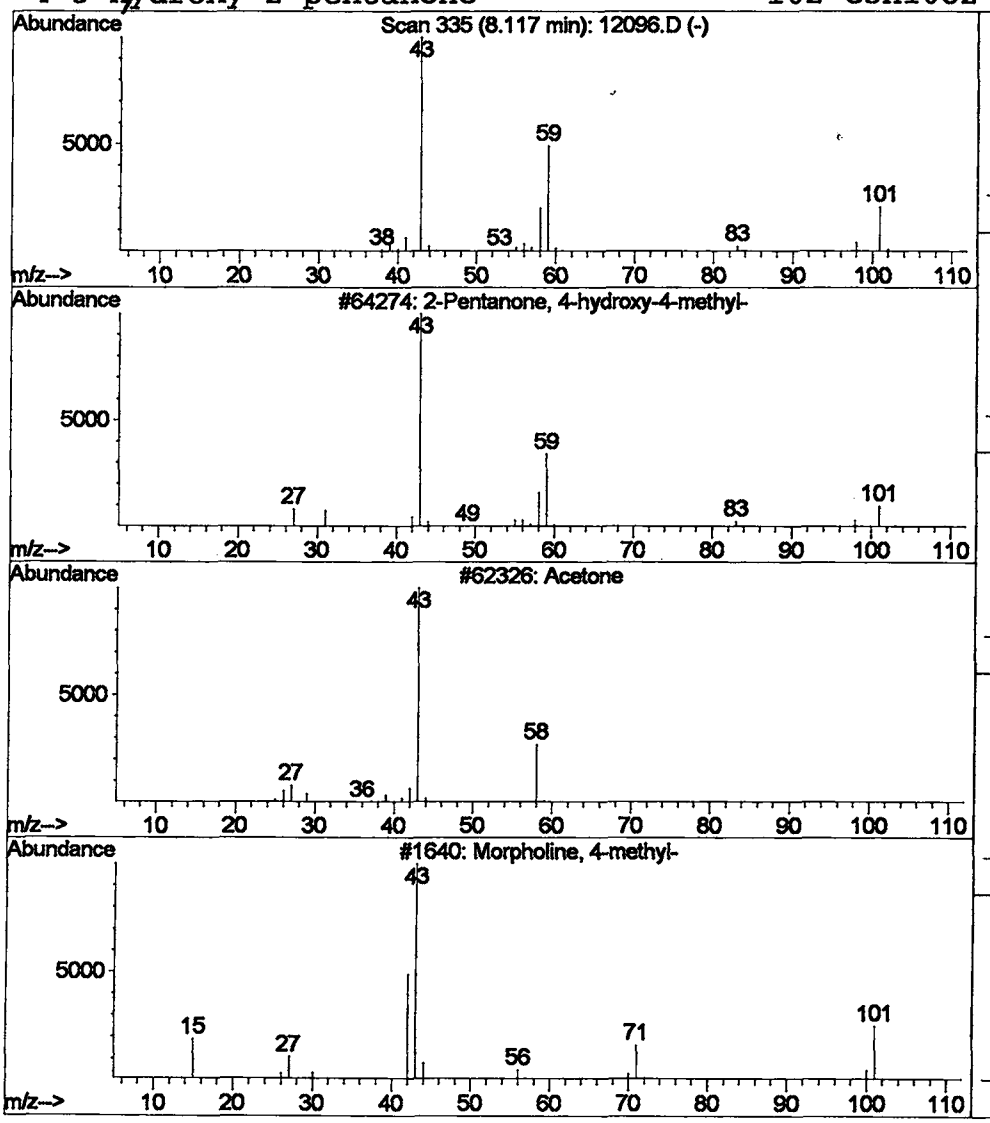
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

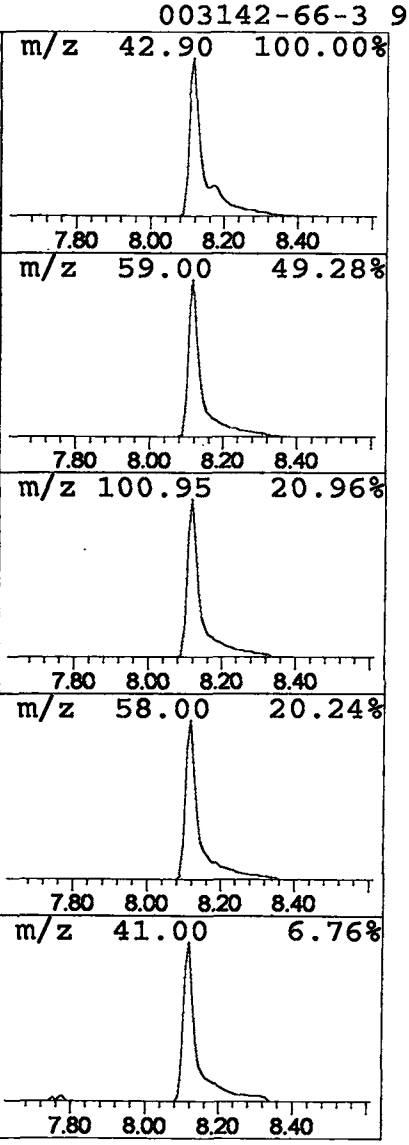
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	7.31 ug/l	446922	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	Acetone	58	C3H6O	000067-64-1	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	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 9:59 pm
Data File: C:\HPCHEM\1\DATA\MAY2302\12096.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	7.3	ug/l	446922	ISTD01	12.14	2444950	40.0

12096.D GCMS0520.M Fri May 31 15:46:38 2002