User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/31/2002 Time: 08:18:56

Sample: AE11798
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/31/02 08:18 Ended: 5/31/02 08:18 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE11798 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-31-2002 Time: 08:19:05

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\MAY2102\11798.D Vial: 39
Acq On : 23 May 2002 4:02 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:29 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 : GCMS0520

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.14	152	385968	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	1520897	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.09	164	732856	40.00	ug/l	0.00
30) Phenanthrene-d10	25.53	188	940292	40.00	ug/l	0.00
38) Chrysene-d12	33.57	240	502540	40.00	ug/l	-0.04
44) Perylene-d12	37.79	264	323870	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	129804	35.24	ug/L	0.00
Spiked Amount 40.000			Recovery = 88.10%			
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	236	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	22.58	149	318	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	594	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	203	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.59	178	185	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2102\11798.D Vial: 39
Acq On : 23 May 2002 4:02 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:29 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 : GCMS0520

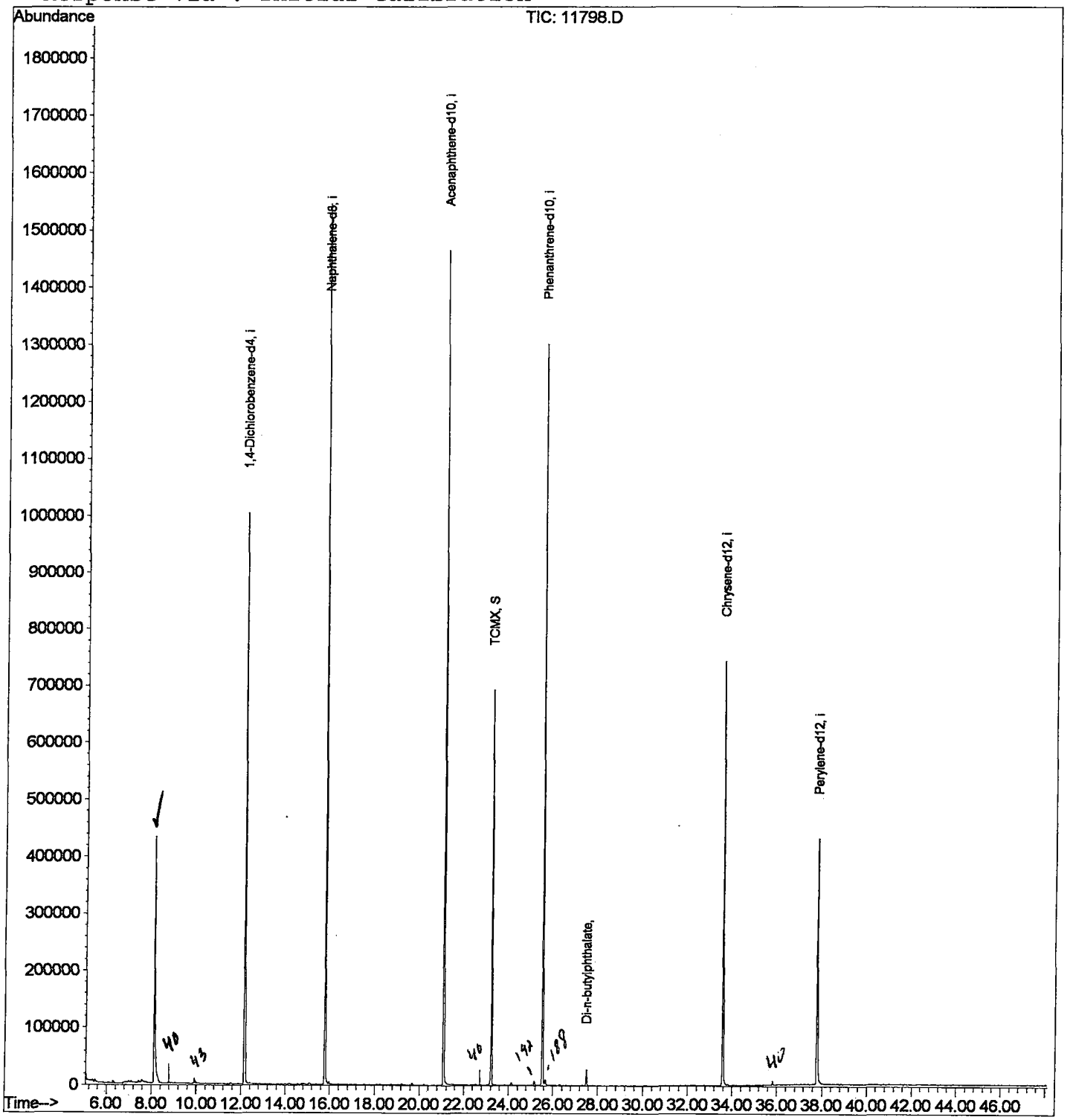
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	185	N.D.	
36)	Di-n-butylphthalate	27.51	149	30603	0.99 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1138	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	940	N.D.	
43)	Chrysene	33.58	228	1138	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	37.79	252	1380	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\MAY2102\11798.D Vial: 39
Acq On : 23 May 2002 4:02 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 24 8:29 2002 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\MAY2102\11798.D Vial: 39
Acq On : 23 May 2002 4:02 am Operator:
Sample : EXTRACT5/20 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

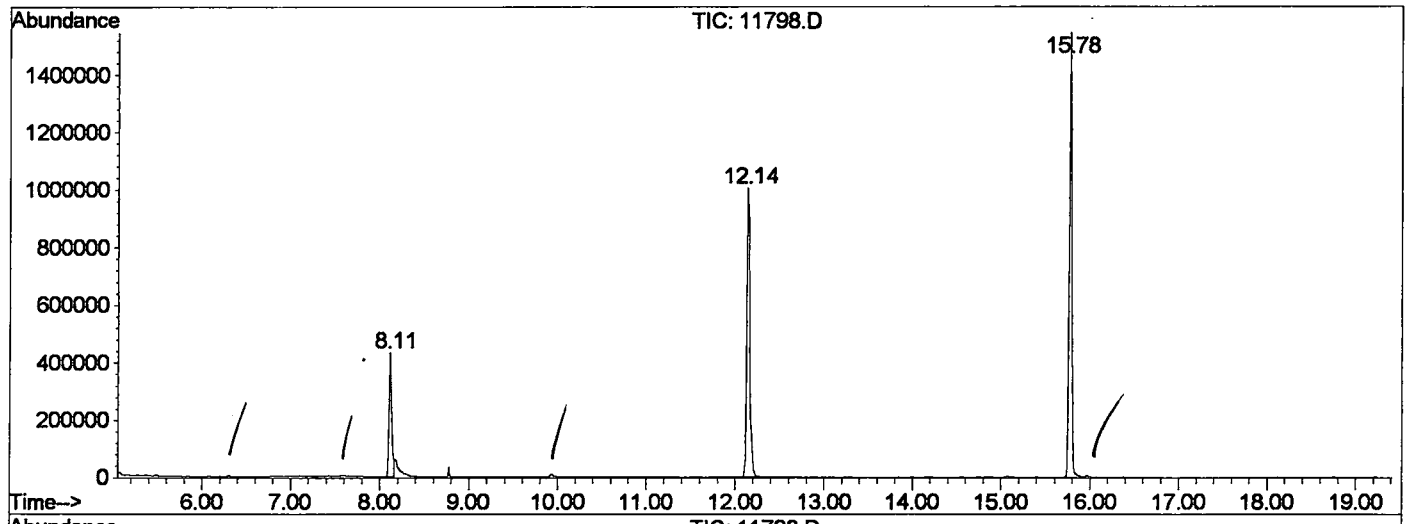
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.115	331	335	340	rBV	430834	836727	27.08%	5.110%
2	12.138	769	774	791	rBV	1002132	2344713	75.89%	14.319%
3	15.776	1165	1171	1189	rBV	1544592	3075141	99.54%	18.779%
4	21.081	1744	1750	1766	rBV	1462970	3089438	100.00%	18.866%
5	23.226	1976	1984	1995	rBV	692220	1403975	45.44%	8.574%
6	25.526	2228	2235	2246	rBV2	1300001	2676917	86.65%	16.347%
7	27.496	2445	2450	2458	rVB	27616	55658	1.80%	0.340%
8	33.571	3107	3113	3132	rBV2	742636	1663515	53.85%	10.159%
9	37.787	3565	3573	3590	rBV	428566	1229284	39.79%	7.507%

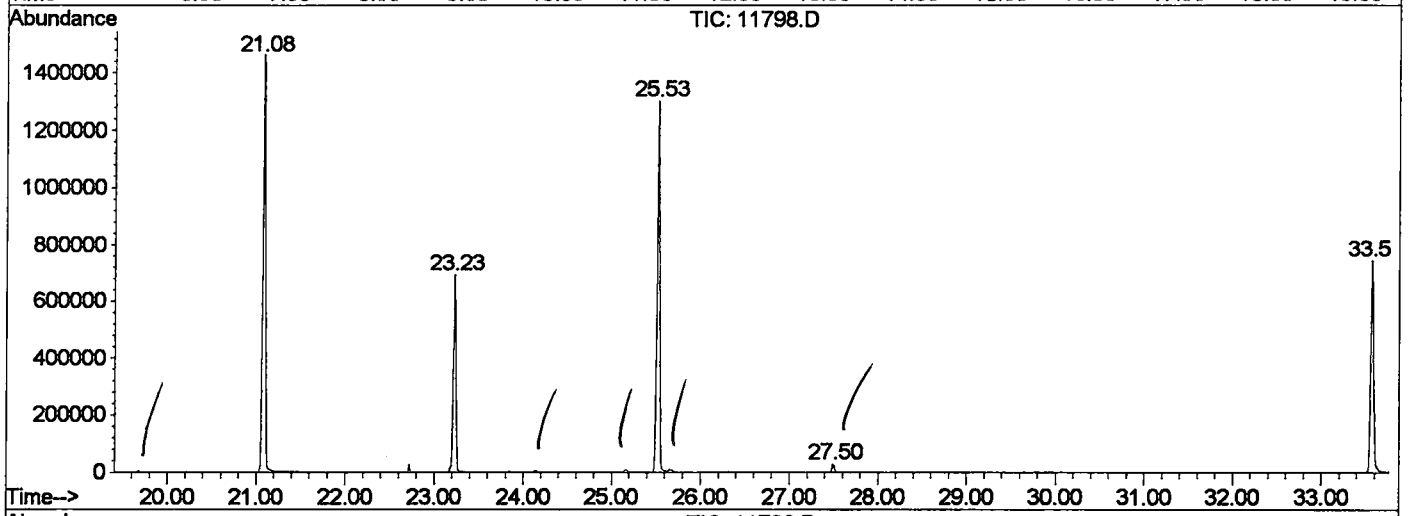
Sum of corrected areas: 16375368

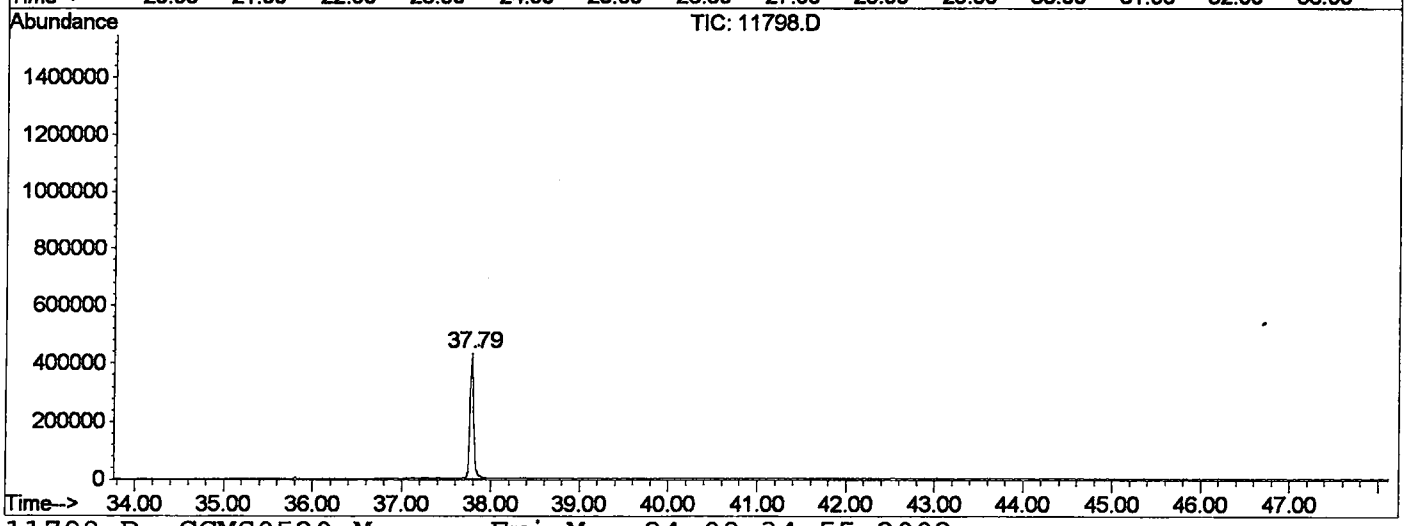
11798.D GCMS0520.M Fri May 24 08:34:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2102\11798.D
Operator :
Acquired : 23 May 2002 4:02 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACT5/20
Misc Info :
Vial Number: 39
Quant File :GCMS0520.RES (RTE Integrator)







11798.D GCMS0520.M Fri May 24 08:34:55 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2102\11798.D Vial: 39
Acq On : 23 May 2002 4:02 am Operator:
Sample : EXTRACT5/20 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

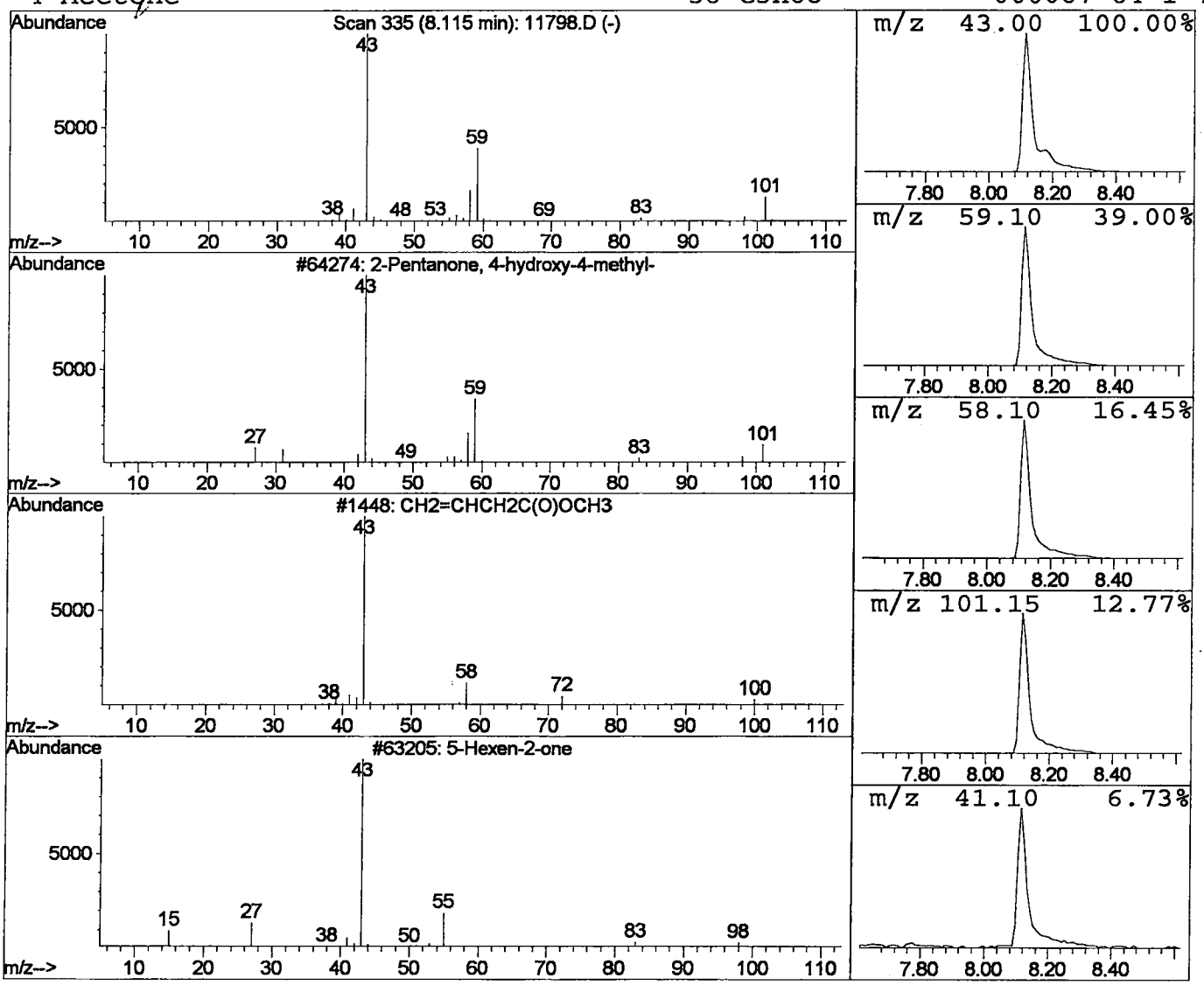
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	14.27 ug/l	836727	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	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 May 2002 4:02 am
Data File: C:\HPCHEM\1\DATA\MAY2102\11798.D
Name: EXTRACT5/20
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~~	8.11	14.3	ug/l	836727	ISTD01	12.14	2344710	40.0

11798.D GCMS0520.M Fri May 24 08:34:56 2002