User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:43:37

Sample: AE12677
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:43 Ended: 6/6/02 14:43 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE12677 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 14:44:00

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\MAY3102\12677.D Vial: 22
Acq On : 1 Jun 2002 8:39 am Operator: Morgan
Sample : gc/ms scan 5/30 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:40 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	12.07	152	490917	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1955700	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	928290	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1457248	40.00	ug/l	-0.01
38) Chrysene-d12	33.48	240	896079	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	582210	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	211205	32.89	ug/L	-0.02
Spiked Amount 40.000			Recovery = 82.23%			
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	15.75	128	441	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	646	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1262	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	552	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	642	N.D.		

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

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DataAcq Meth : GCMS0531

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	642	N.D.	
36)	Di-n-butylphthalate	27.41	149	22714	0.43 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	33.48	228	2172	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	4895	N.D.	
43)	Chrysene	33.48	228	2172	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	2197	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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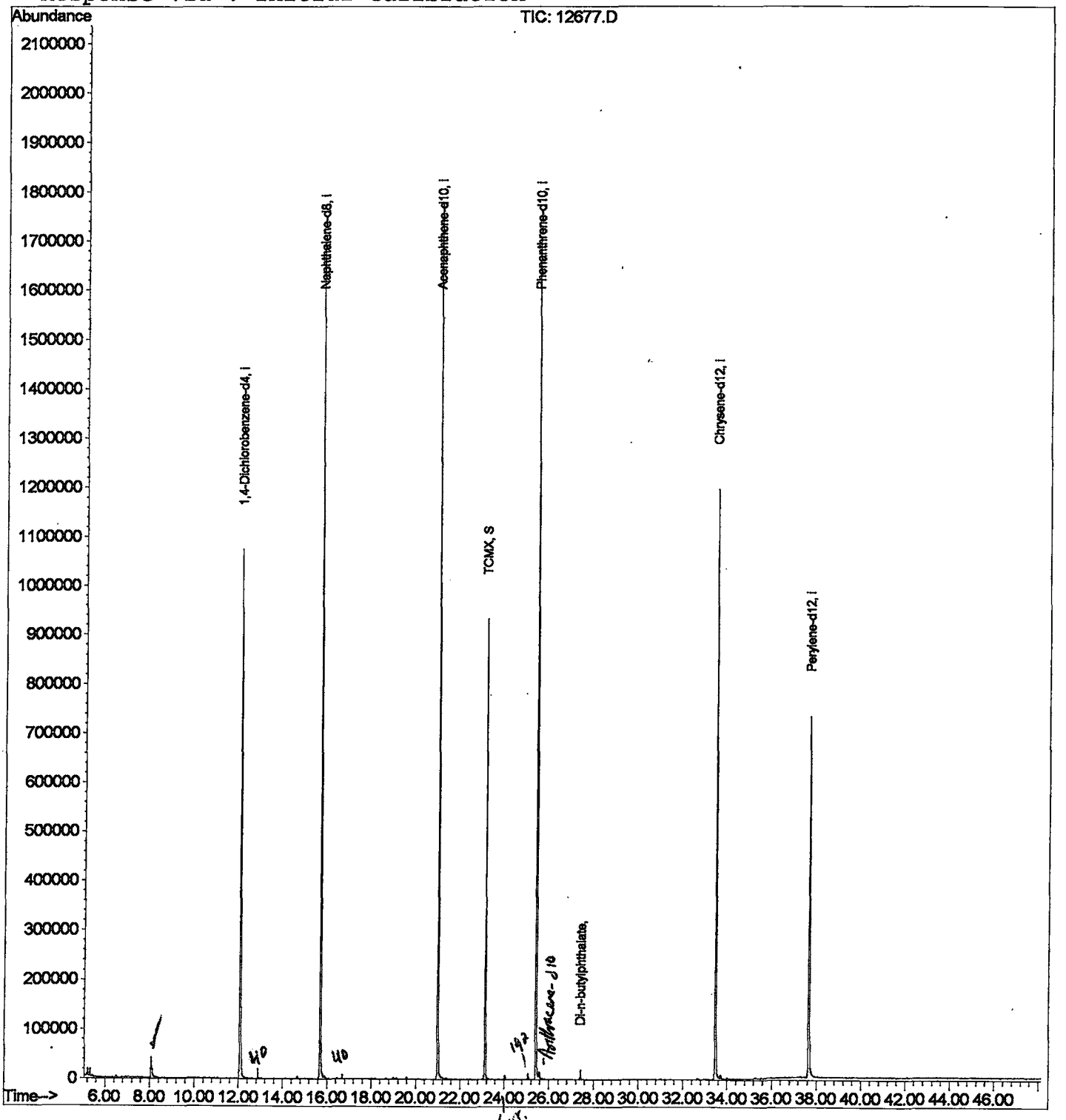
Sample : gc/ms scan 5/30 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:40 2002 Quant Results File: GCMS0531.RES

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\12677.D Vial: 22
Acq On : 1 Jun 2002 8:39 am 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

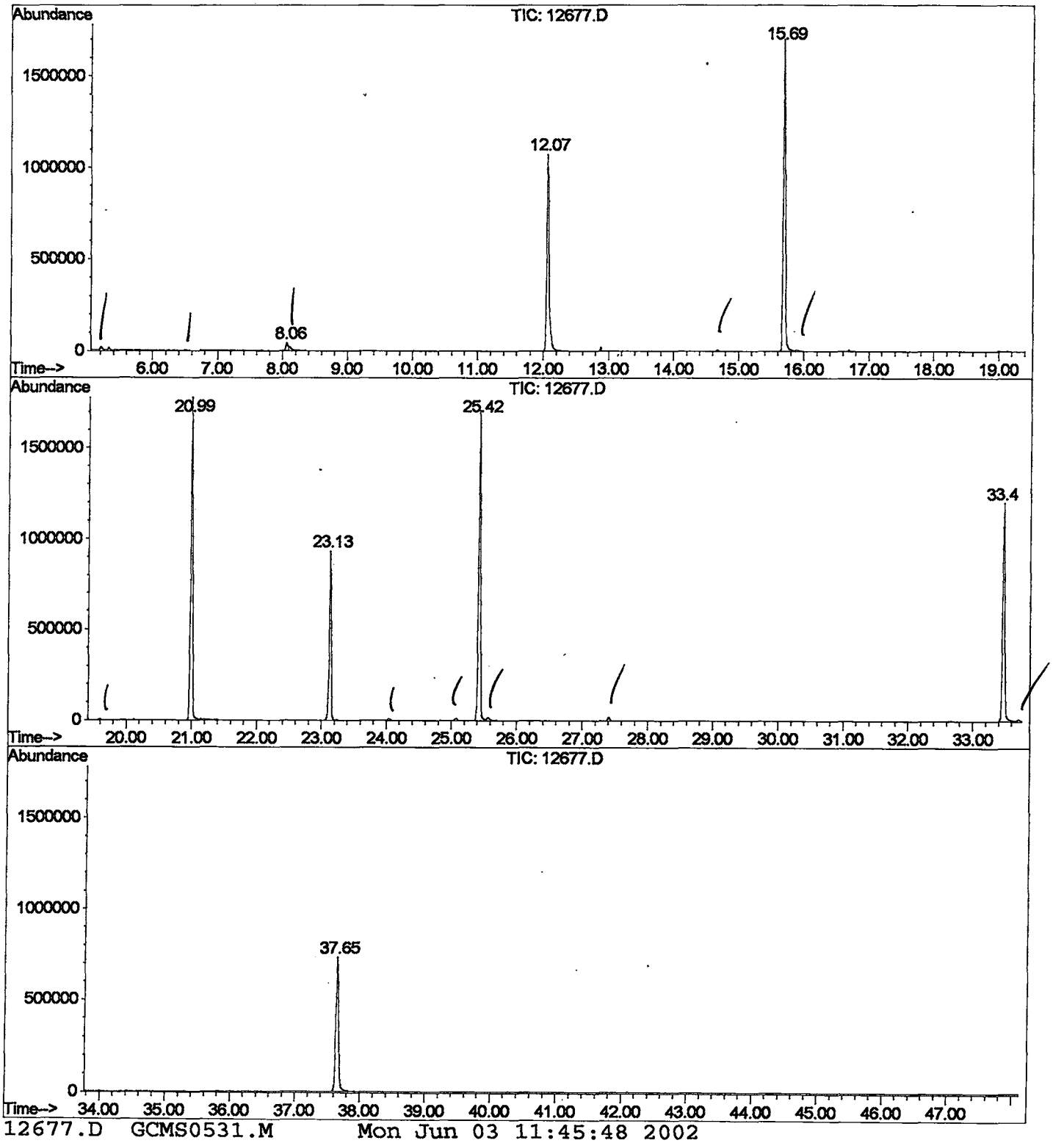
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.064	325	329	332	rBV	41440	84778	2.27%	0.409%
2	12.067	759	765	782	rBV	1073769	2656766	71.23%	12.825%
3	15.693	1154	1160	1178	rBV	1696677	3608997	96.76%	17.422%
4	20.990	1730	1737	1752	rBV	1779907	3690508	98.94%	17.815%
5	23.129	1961	1970	1979	rBV	933198	1968738	52.78%	9.504%
6	25.424	2211	2220	2232	rBV2	1710044	3729949	100.00%	18.006%
7	33.475	3090	3097	3111	rBV2	1198232	2817902	75.55%	13.603%
8	37.652	3544	3552	3571	rBV2	731128	2157692	57.85%	10.416%

Sum of corrected areas: 20715330

12677.D GCMS0531.M Mon Jun 03 11:45:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12677.D
Operator : Morgan
Acquired : 1 Jun 2002 8:39 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/30
Misc Info :
Vial Number: 22
Quant File :GCMS0531.RES (RTE Integrator)



12677.D GCMS0531.M Mon Jun 03 11:45:48 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12677.D
Acq On : 1 Jun 2002 8:39 am
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: Morgan
Inst : 209
Multiplr: 1.00

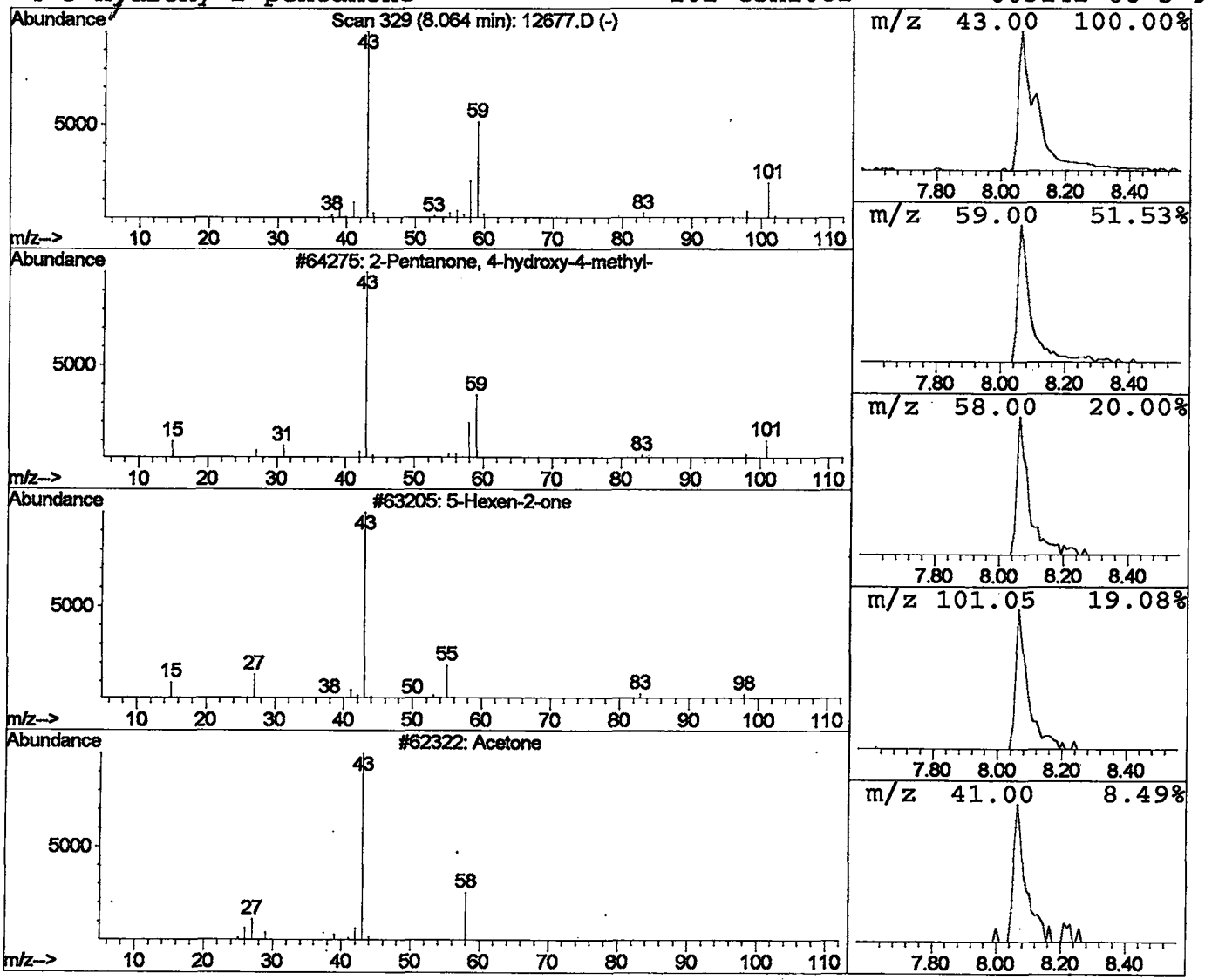
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.28 ug/l	84778	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	42
2	5-Hexen-2-one	98	C6H10O	000109-49-9	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: 1 Jun 2002 8:39 am
Data File: C:\HPCHEM\1\DATA\MAY3102\12677.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	1.3	ug/l	84778	ISTD01	12.07	2656770	40.0

12677.D GCMS0531.M Mon Jun 03 11:45:50 2002