User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 09:20:23

Sample: AE12160
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 09:18 Ended: 6/7/02 09:18 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		10.0

Comments for Sample AE12160 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 09:20:56

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\12160.D Vial: 14
Acq On : 25 May 2002 4:22 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 12:02 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 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	562580	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2229766	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.09	164	1051028	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1504964	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	765958	40.00	ug/l	-0.04
44) Perylene-d12	37.78	264	500716	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	195173	36.95	ug/L	0.00
Spiked Amount 40.000			Recovery = 92.38%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.42	74	187	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.15	146	694	N.D.		
5) 1,4-Dichlorobenzene	12.15	146	694	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	15.83	128	248	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	335	N.D.		
26) 4-Chlorophenylphenylether	23.22	204	1286	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.22	168	375	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	502	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 25 May 2002 4:22 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 12:02 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

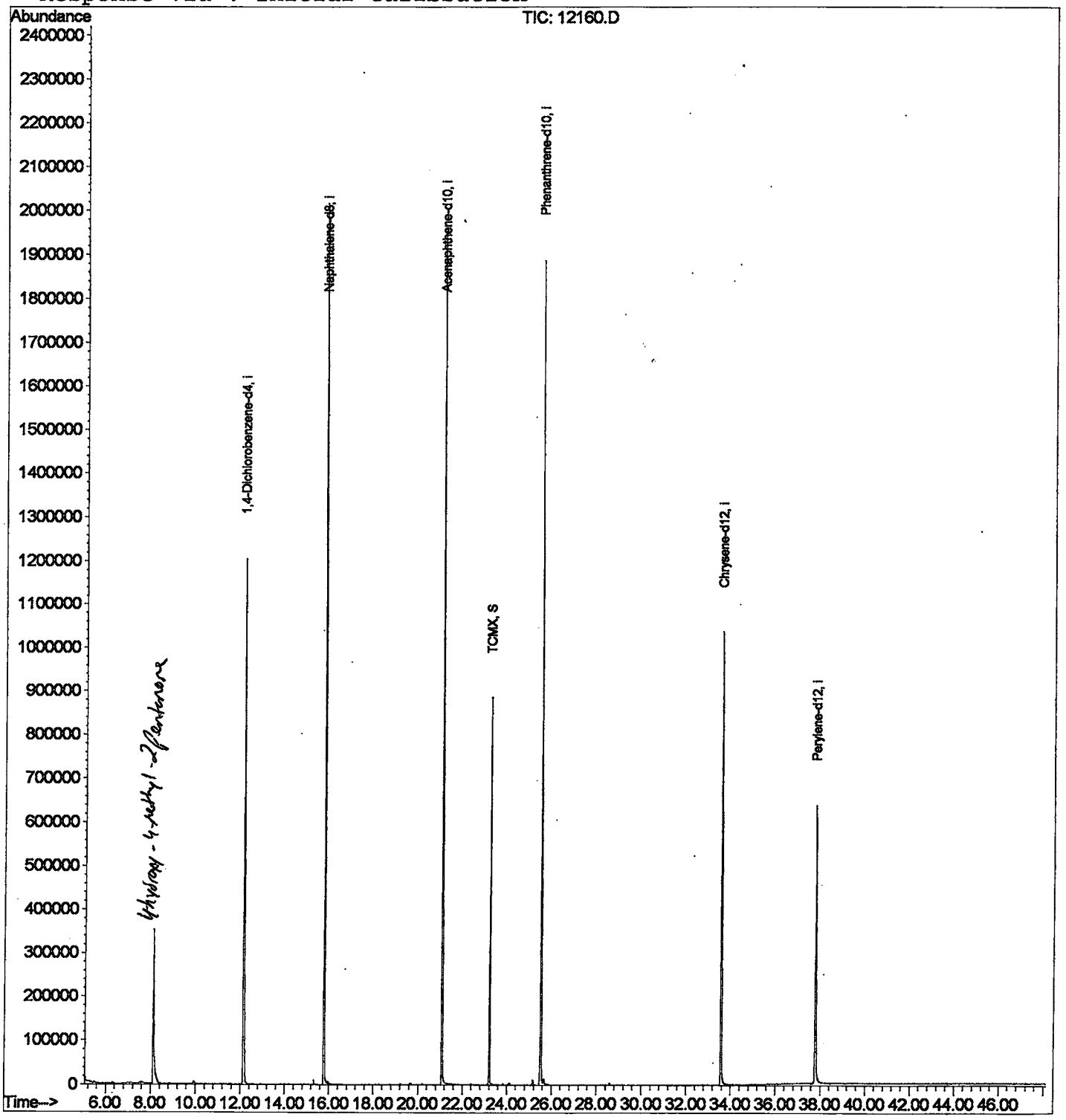
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.52	178	502	N.D.	
36)	Di-n-butylphthalate	27.49	149	1813	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.57	228	1719	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.80	149	721	N.D.	
43)	Chrysene	33.57	228	1719	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	2181	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\MAY2402\12160.D Vial: 14
Acq On : 25 May 2002 4:22 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 12:02 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 11:39:13 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12160.D Vial: 14
Acq On : 25 May 2002 4:22 am Operator: Morgan
Sample : gc/ms scan 5/22 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

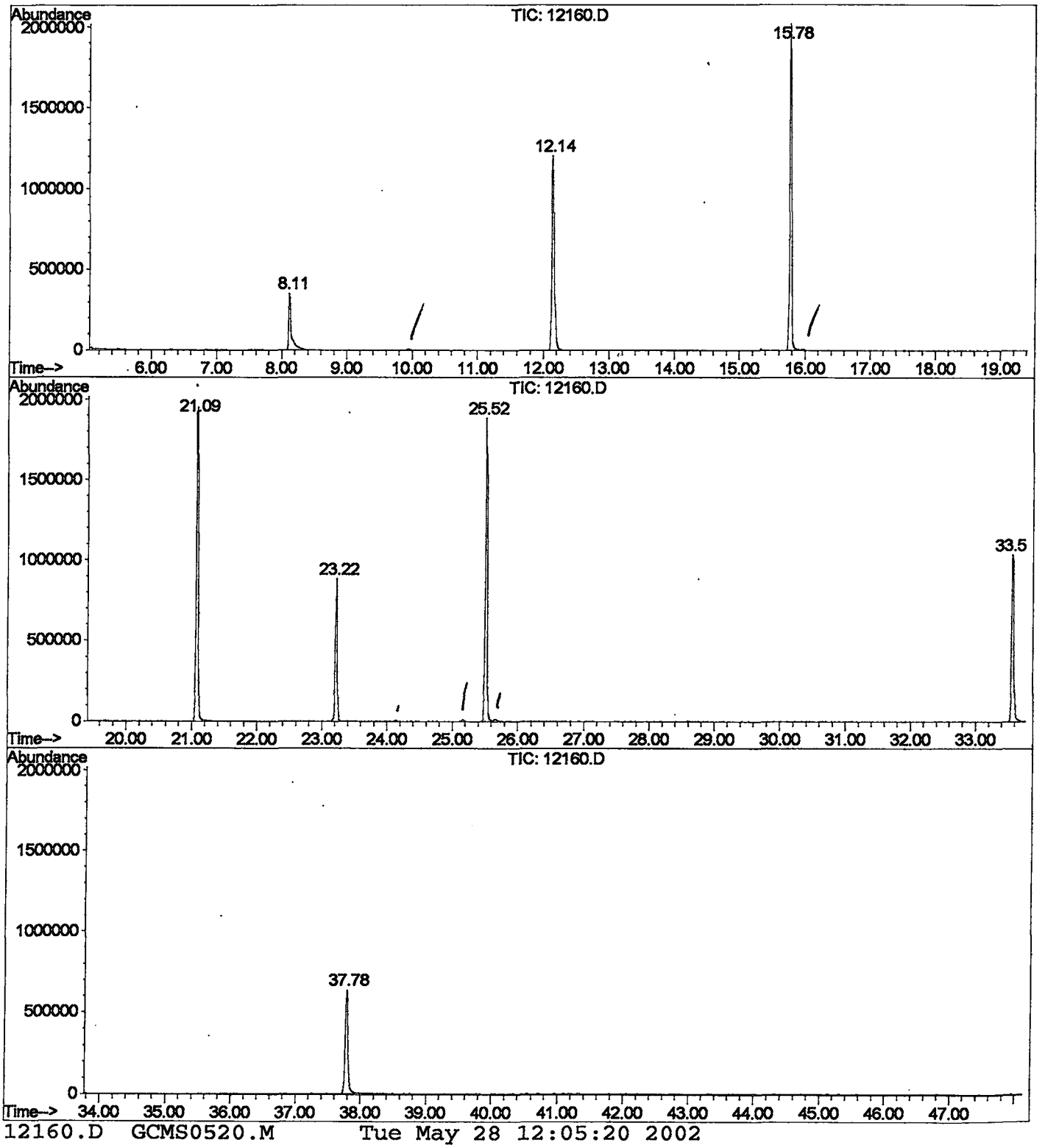
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.114	330	334	366	rBV	351762	950682	22.79%	4.280%
2	12.144	767	773	788	rBV	1203702	3050220	73.12%	13.731%
3	15.779	1163	1169	1187	rBV	2014762	4114025	98.62%	18.519%
4	21.086	1740	1747	1768	rBV	1950877	4171717	100.00%	18.779%
5	23.225	1971	1980	1988	rBV	885285	1796612	43.07%	8.088%
6	25.520	2223	2230	2242	rBV2	1886499	3843592	92.13%	17.302%
7	33.571	3101	3107	3127	rBV2	1036856	2428962	58.22%	10.934%
8	37.785	3558	3566	3580	rBV2	633770	1858865	44.56%	8.368%

Sum of corrected areas: 22214675

12160.D GCMS0520.M Tue May 28 12:05:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2402\12160.D
Operator : Morgan
Acquired : 25 May 2002 4:22 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: gc/ms scan 5/22
Misc Info :
Vial Number: 14
Quant File :GCMS0520.RES (RTE Integrator)



12160.D GCMS0520.M Tue May 28 12:05:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12160.D
Acq On : 25 May 2002 4:22 am
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: Morgan
Inst : 209
Multiplr: 1.00

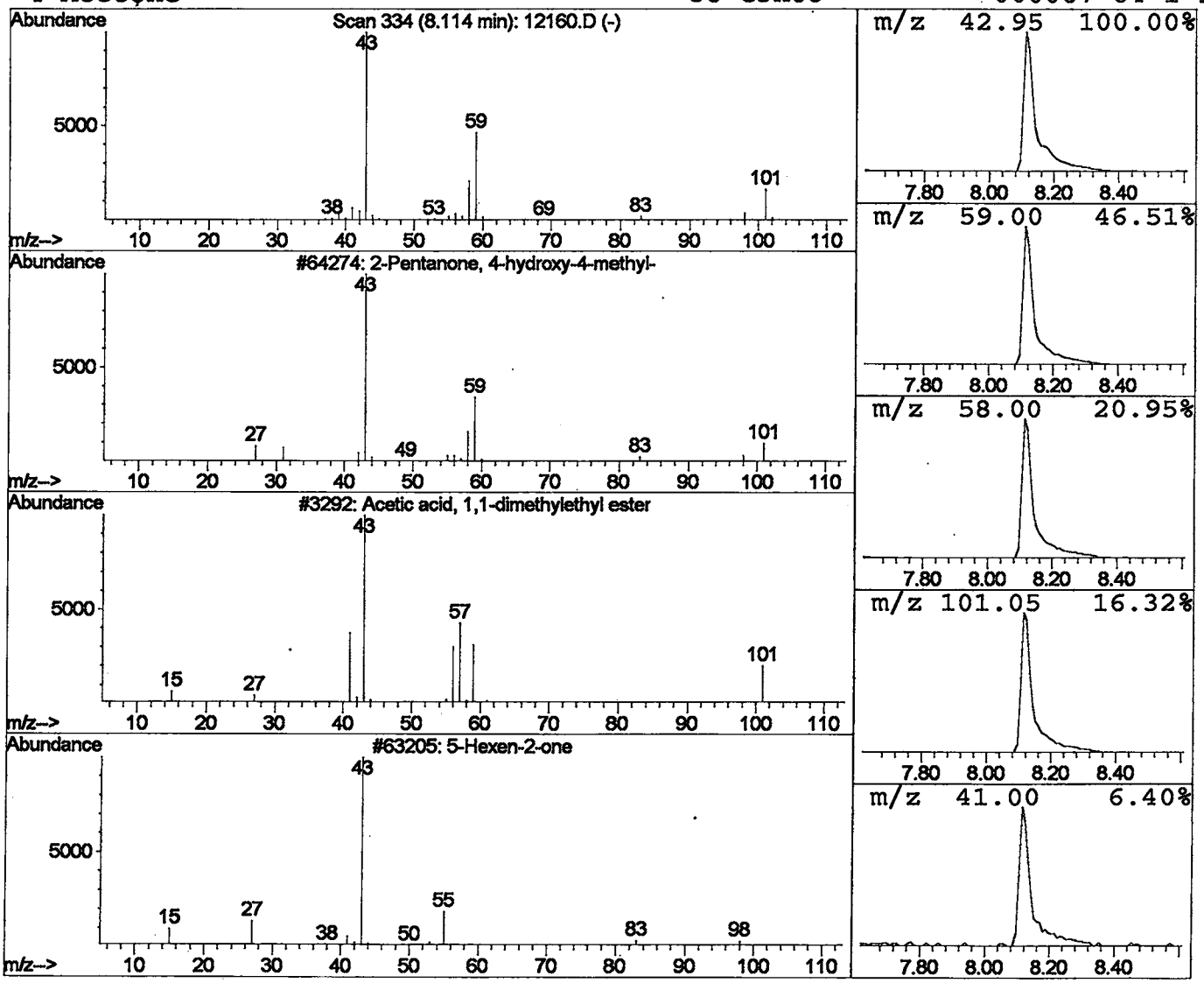
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	12.47 ug/l	950682	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	83
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Acetone	58	C3H6O	000067-64-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 25 May 2002 4:22 am
Data File: C:\HPCHEM\1\DATA\MAY2402\12160.D
Name: gc/ms scan 5/22
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	12.5	ug/l	950682	ISTD01	12.14	3050220	40.0

12160.D GCMS0520.M Tue May 28 12:05:21 2002