User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 16:04:26

Sample: AE12156
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 16:04 Ended: 6/6/02 16:04 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE12156 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 16:04:52

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\12156.D Vial: 10
Acq On : 25 May 2002 12:25 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:59 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	12.15	152	552604	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2195175	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.09	164	1046742	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1465859	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	722795	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	477606	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	180371	34.29	ug/L	0.00
Spiked Amount 40.000			Recovery = 85.72%			
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	12.15	146	340	N.D.		
5) 1,4-Dichlorobenzene	12.15	146	340	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	226	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	554	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	1134	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	506	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	441	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 25 May 2002 12:25 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:59 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

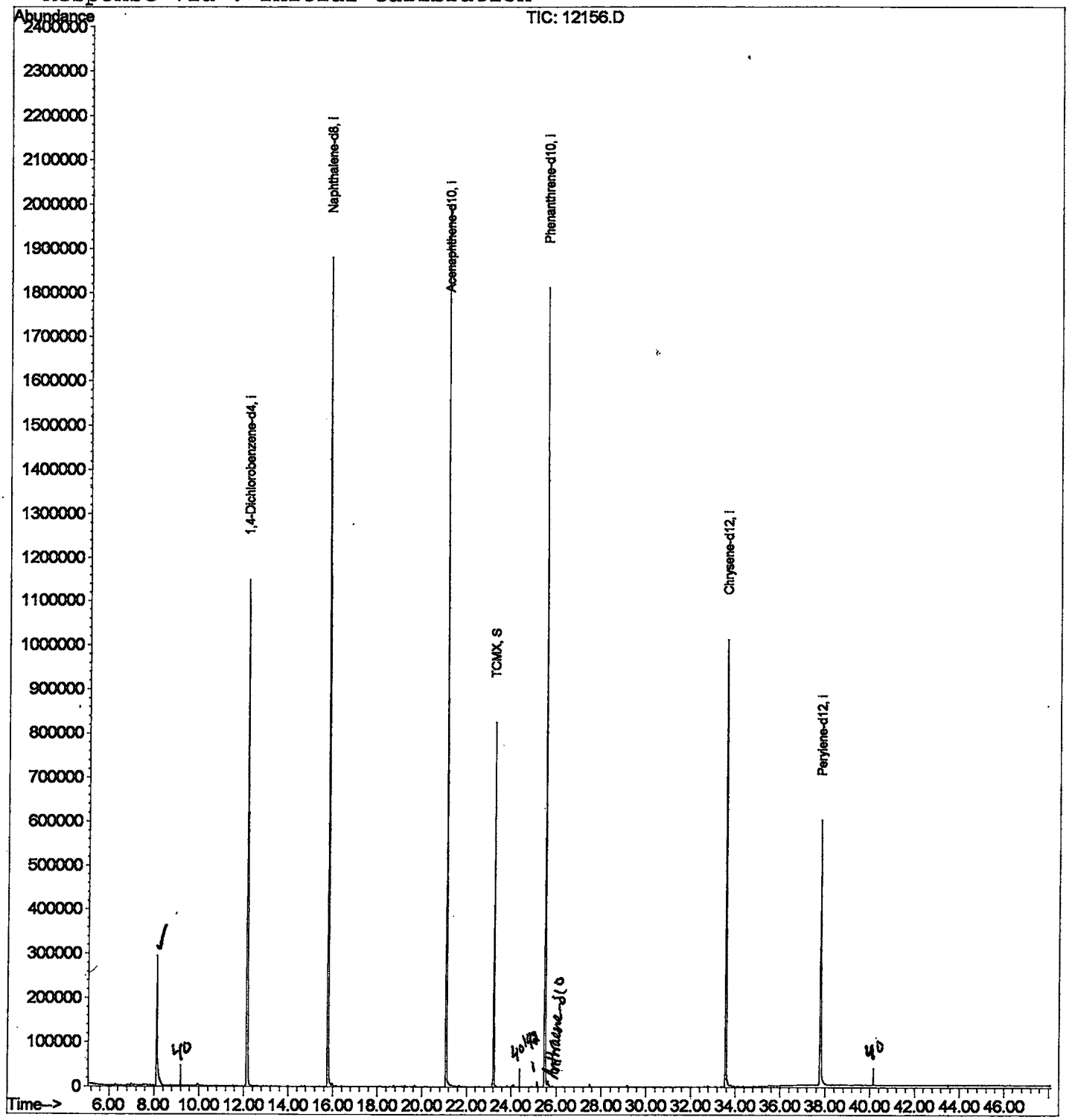
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.52	178	441	N.D.	
36)	Di-n-butylphthalate	27.50	149	8750	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1687	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	2106	N.D.	
43)	Chrysene	33.58	228	1687	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	1934	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\12156.D Vial: 10
Acq On : 25 May 2002 12:25 am Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:59 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\12156.D Vial: 10
Acq On : 25 May 2002 12:25 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

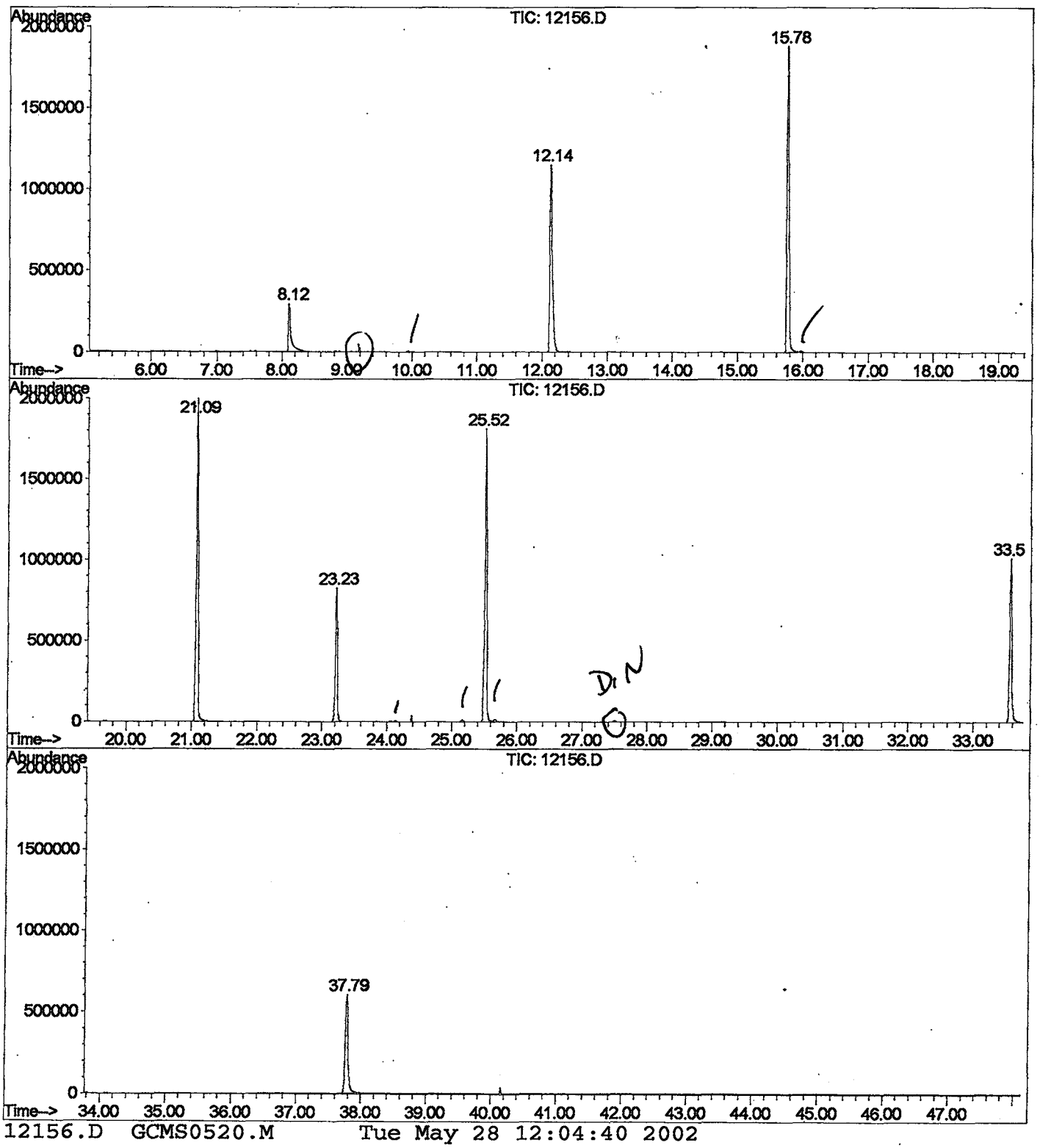
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.115	330	334	365	rBV	292553	793511	19.13%	3.676%
2	12.136	767	772	788	rBV	1149824	3034909	73.17%	14.058%
3	15.781	1163	1169	1186	rBV	1878886	4059551	97.88%	18.805%
4	21.087	1740	1747	1762	rBV	2000457	4147646	100.00%	19.213%
5	23.226	1971	1980	1987	rBV	825157	1682359	40.56%	7.793%
6	25.521	2219	2230	2242	rBV2	1811656	3808714	91.83%	17.643%
7	33.572	3101	3107	3126	rBV2	1012690	2291517	55.25%	10.615%
8	37.786	3558	3566	3580	rBV2	598749	1769568	42.66%	8.197%

Sum of corrected areas: 21587775

12156.D GCMS0520.M Tue May 28 12:04:40 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2402\12156.D
Operator : Morgan
Acquired : 25 May 2002 12:25 am using AcqMethod GCMS0520
Instrument : 209
Sample Name: gc/ms scan 5/22
Misc Info :
Vial Number: 10
Quant File :GCMS0520.RES (RTE Integrator)



12156.D GCMS0520.M Tue May 28 12:04:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12156.D
Acq On : 25 May 2002 12:25 am
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: Morgan
Inst : 209
Multiplr: 1.00

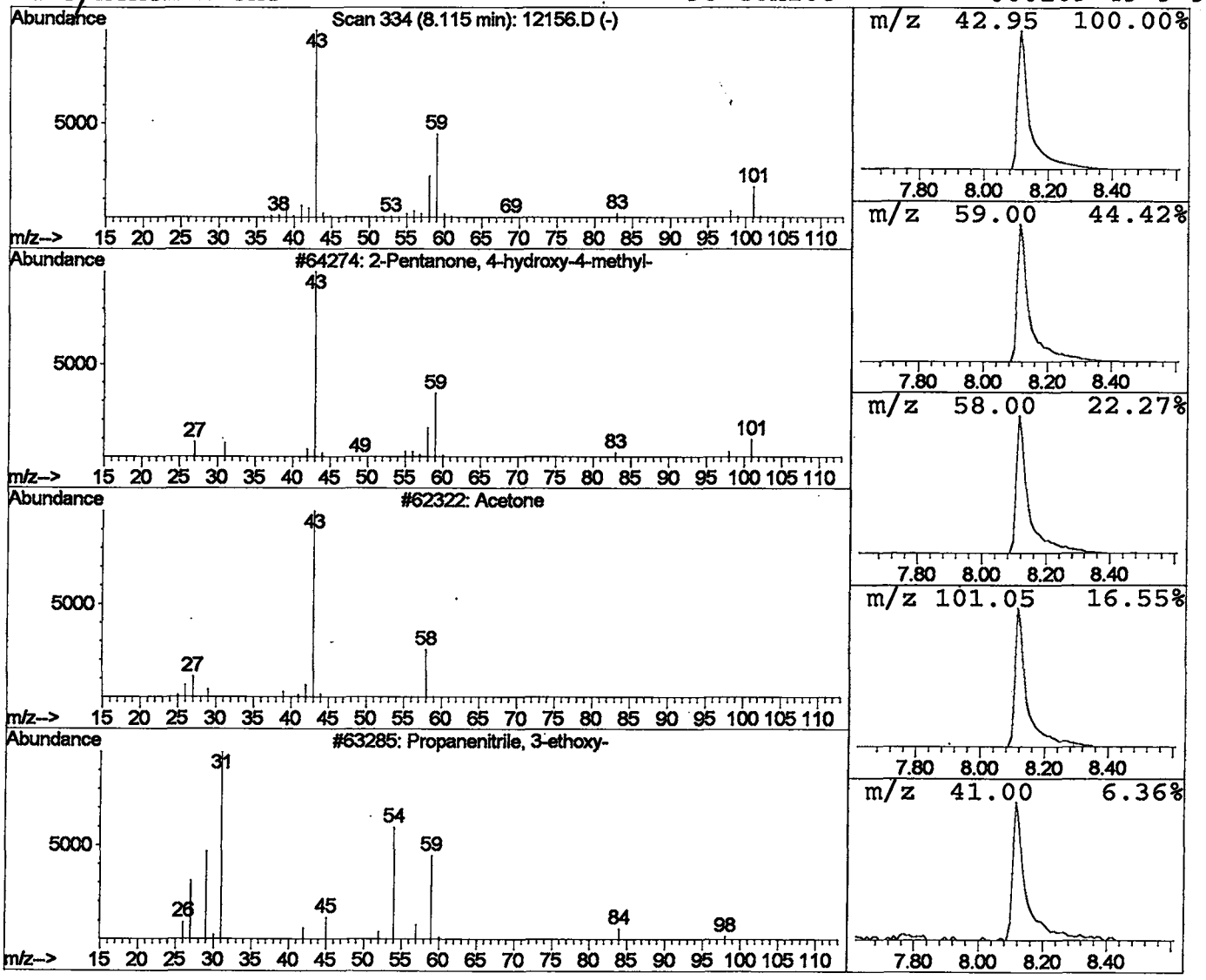
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	10.46 ug/l	793511	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	16
3	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 25 May 2002 12:25 am
Data File: C:\HPCHEM\1\DATA\MAY2402\12156.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~~	8.12	10.5	ug/l	793511	ISTD01	12.15	3034910	40.0

12156.D GCMS0520.M Tue May 28 12:04:41 2002