User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 15:27:10

Sample: AE12153
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 15:26 Ended: 6/6/02 15:26 Analyst: DLV
Page: 1

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

Comments for Sample AE12153 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 15:37:57

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\12153.D Vial: 7
Acq On : 24 May 2002 9:27 pm Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:46 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	532603	40.00	ug/l	0.00
10) Naphthalene-d8	15.78	136	2099021	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.09	164	1003646	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	1420255	40.00	ug/l	-0.01
38) Chrysene-d12	33.57	240	700184	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	456190	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.23	209	176611	35.01	ug/L	0.00
Spiked Amount 40.000			Recovery = 87.52%			
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	349	N.D.		
5) 1,4-Dichlorobenzene	12.15	146	349	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	15.85	128	211	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	21.39	165	177	N.D.		
25) Diethylphthalate	22.57	149	519	N.D.		
26) 4-Chlorophenylphenylether	23.23	204	1208	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.23	168	739	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.52	178	611	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2402\12153.D Vial: 7
Acq On : 24 May 2002 9:27 pm Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:46 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

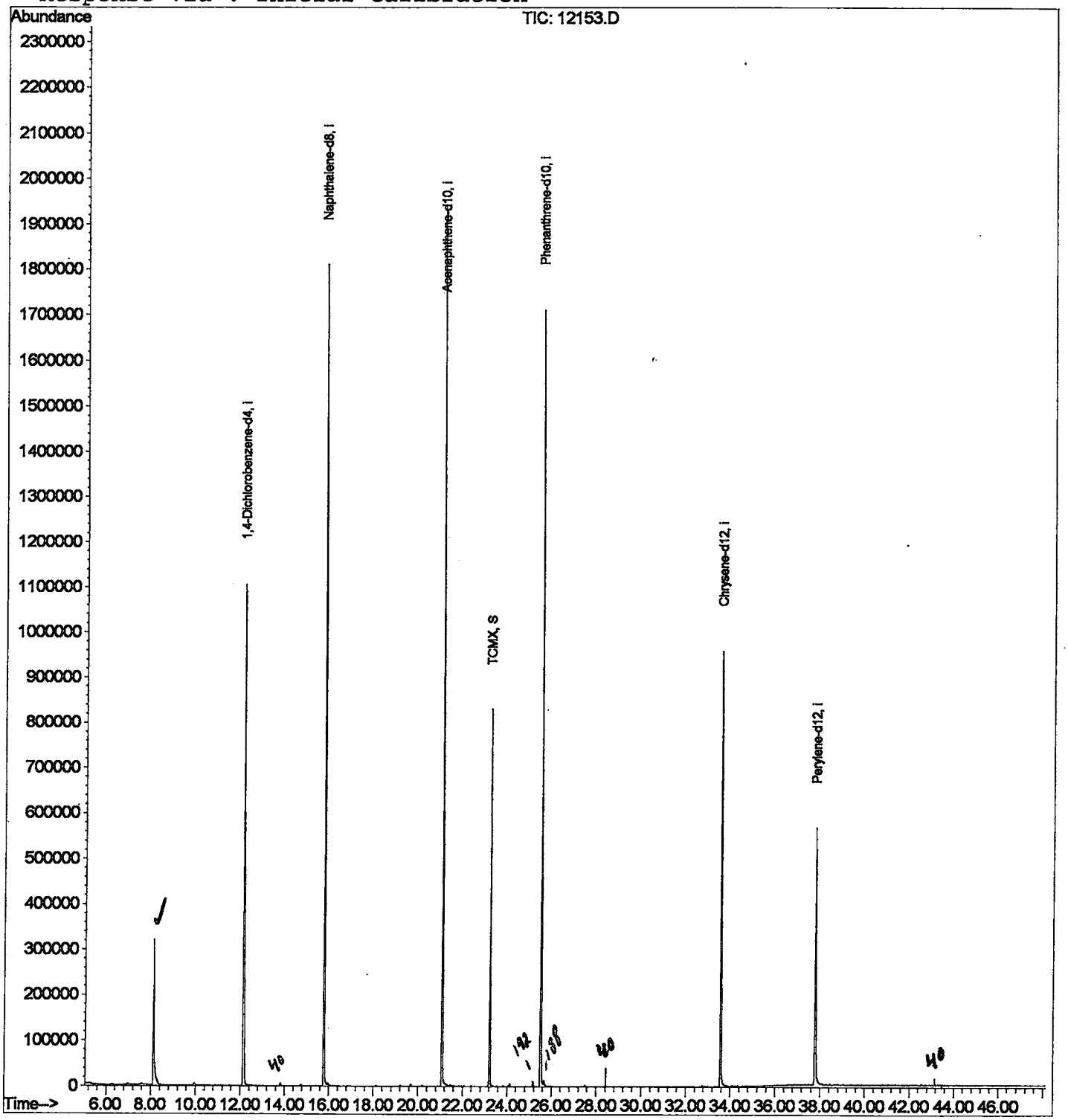
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.52	178	523	N.D.	
36) Di-n-butylphthalate	27.50	149	5281	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.58	228	1752	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.80	149	380	N.D.	
43) Chrysene	33.65	228	413	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	1935	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\12153.D Vial: 7
Acq On : 24 May 2002 9:27 pm Operator: Morgan
Sample : gc/ms scan 5/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 11:46 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\12153.D Vial: 7
Acq On : 24 May 2002 9:27 pm 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

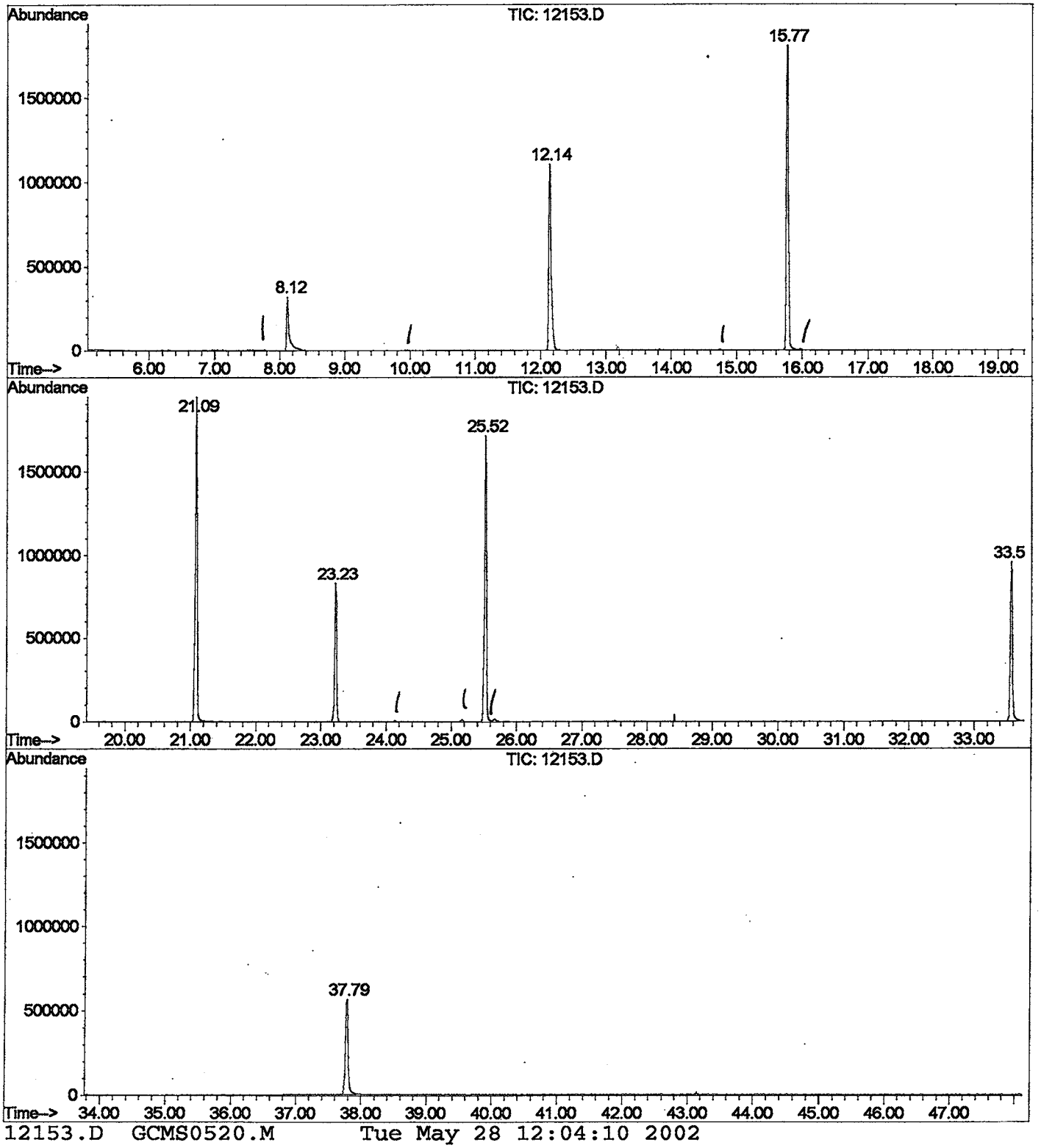
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.115	330	334	362	rBV	320083	847062	21.29%	4.062%
2	12.136	767	772	793	rBV	1105098	2907466	73.08%	13.942%
3	15.772	1163	1168	1184	rBV	1809697	3881042	97.55%	18.611%
4	21.087	1740	1747	1763	rBV	1943071	3978366	100.00%	19.077%
5	23.226	1972	1980	1988	rBV	829473	1679160	42.21%	8.052%
6	25.521	2220	2230	2242	rBV2	1711363	3645523	91.63%	17.481%
7	33.572	3101	3107	3127	rBV2	957842	2225427	55.94%	10.671%
8	37.786	3558	3566	3582	rBV2	562390	1689900	42.48%	8.104%

Sum of corrected areas: 20853946

12153.D GCMS0520.M Tue May 28 12:04:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2402\12153.D
Operator : Morgan
Acquired : 24 May 2002 9:27 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: gc/ms scan 5/22
Misc Info :
Vial Number: 7
Quant File :GCMS0520.RES (RTE Integrator)



12153.D GCMS0520.M Tue May 28 12:04:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2402\12153.D
Acq On : 24 May 2002 9:27 pm
Sample : gc/ms scan 5/22
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: Morgan
Inst : 209
Multiplr: 1.00

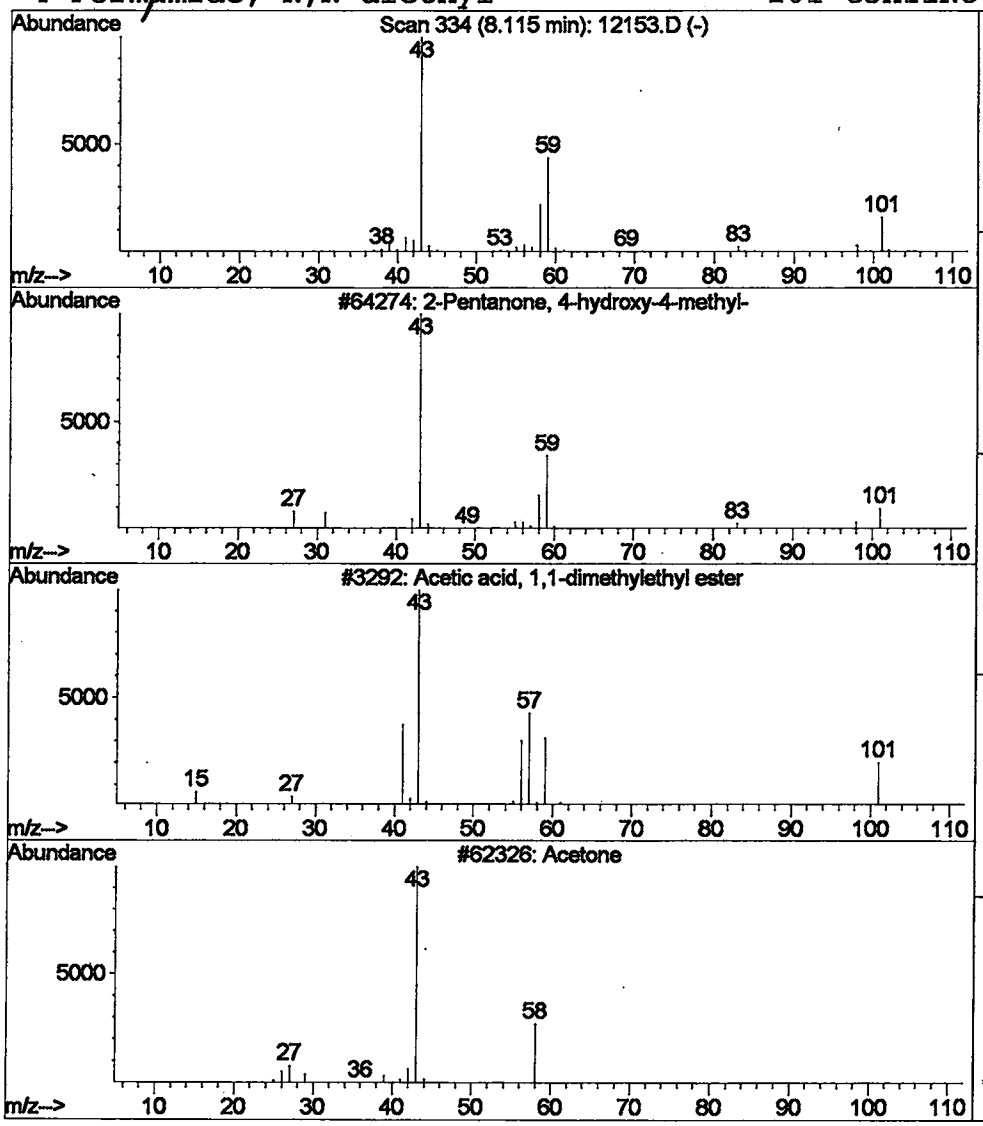
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

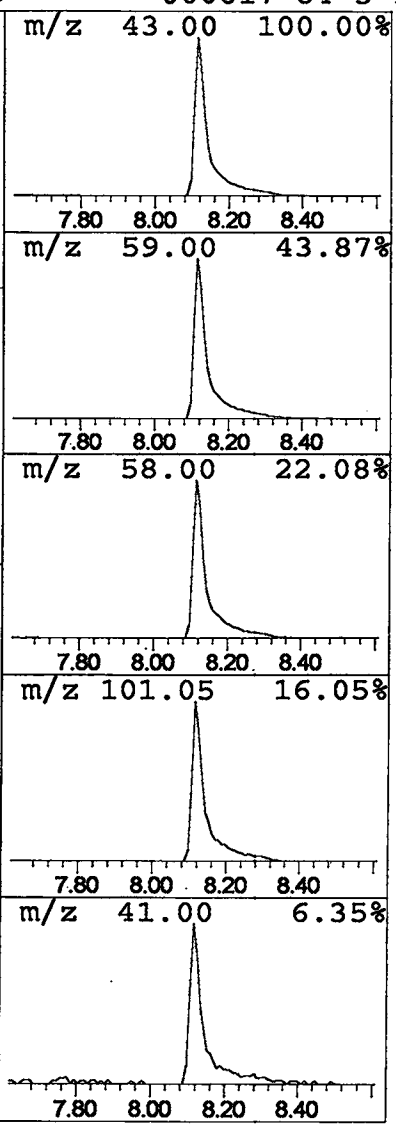
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	11.65 ug/l	847062	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	25
3	Acetone	58	C3H6O	000067-64-1	16
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	12





Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 24 May 2002 9:27 pm
Data File: C:\HPCHEM\1\DATA\MAY2402\12153.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	11.7	ug/l	847062	ISTD01	12.15	2907470	40.0

12153.D GCMS0520.M Tue May 28 12:04:11 2002