User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/26/2002 Time: 11:23:35

Sample: AE08759
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/26/02 11:23 Ended: 4/26/02 11:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE08759 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-26-2002 Time: 11:24:09

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\APR2202\8759.D Vial: 15
Acq On : 22 Apr 2002 10:52 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 8:06 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	486163	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1763572	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	1003080	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1468654	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	966886	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	638506	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.28	209	42698	8.49	ug/L	-0.05
Spiked Amount 10.000			Recovery = 84.90%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.61	93	387	N.D.		
4) 1,3-Dichlorobenzene	12.12	146	577	N.D.		
5) 1,4-Dichlorobenzene	12.25	146	435	N.D.		
6) 1,2-Dichlorobenzene	12.78	146	380	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-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	14.55	82	680	N.D.		
13) bis(2-Chloroethoxy)methane	15.22	93	554	N.D.		
14) 1,2,4-Trichlorobenzene	15.73	180	429	N.D.		
15) Naphthalene	15.89	128	1976	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	20.49	163	1232	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	22.62	149	2384	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		

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

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Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

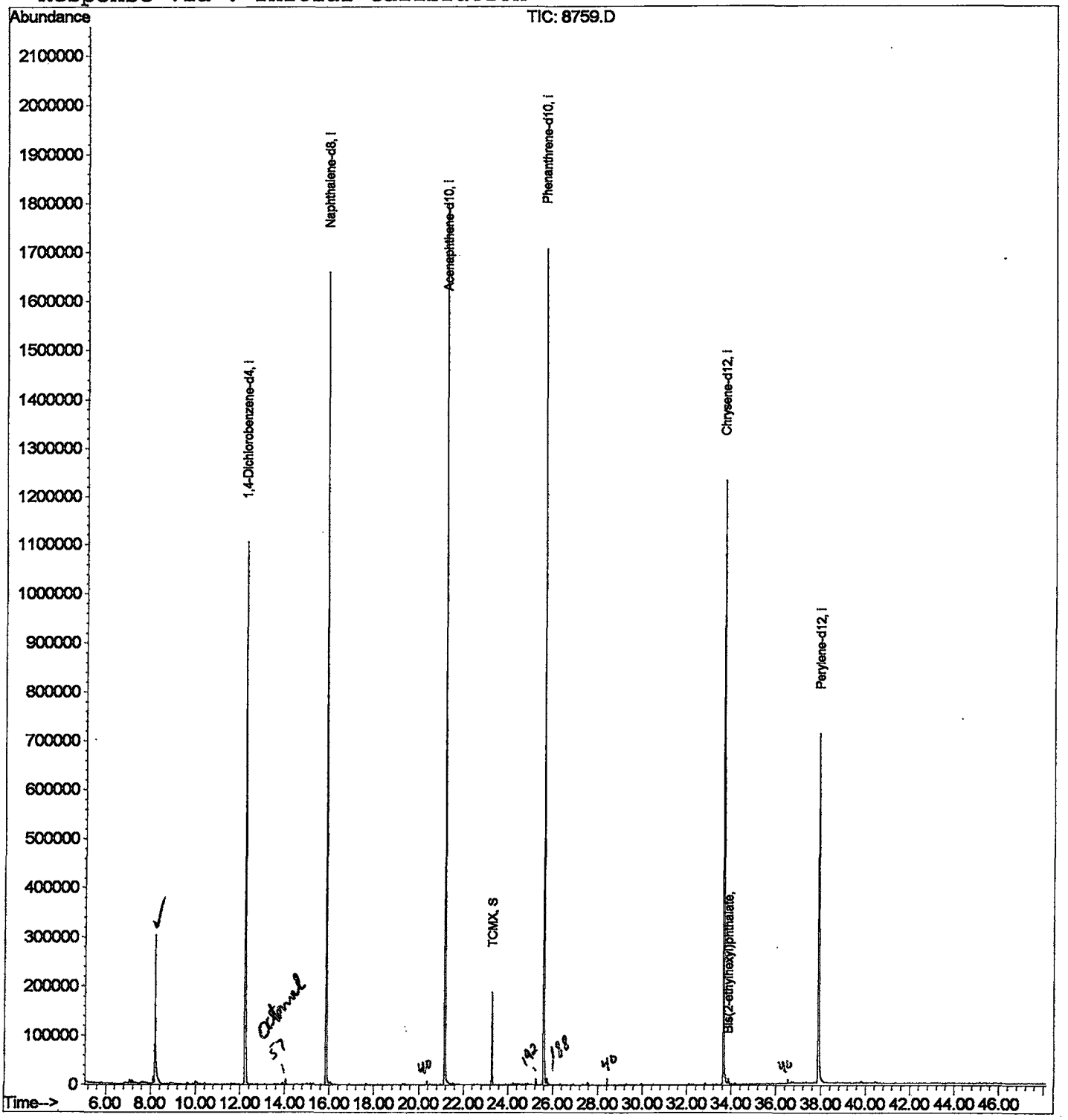
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.65	178	903	N.D.	
35) Anthracene	25.79	178	391	N.D.	
36) Di-n-butylphthalate	27.55	149	7357	N.D.	
37) Fluoranthene	29.27	202	3140	N.D.	
40) Pyrene	29.95	202	3667	N.D.	
41) Butylbenzylphthalate	32.08	149	2175	N.D.	
42) Benzo(a)anthracene	33.59	228	6139	N.D.	
43) Bis(2-ethylhexyl)phthalate	33.87	149	7527	0.31 ug/l	94
44) Chrysene	33.71	228	4674	N.D.	
46) Di-n-Octylphthalate	35.60	149	2331	N.D.	
47) Benzo(b)fluoranthene	36.69	252	2875	N.D.	
48) Benzo(k)fluoranthene	36.76	252	4044	N.D.	
49) Benzo(a)pyrene	37.67	252	1952	N.D.	
50) Indeno(1,2,3-cd)pyrene	41.98	276	898	N.D.	
51) Dibenz(a,h)anthracene	42.05	278	625	N.D.	
52) Benzo(g,h,i)perylene	43.18	276	1190	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR2202\8759.D Vial: 15
Acq On : 22 Apr 2002 10:52 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 23 8:06 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Apr 17 11:48:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2202\8759.D Vial: 15
Acq On : 22 Apr 2002 10:52 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

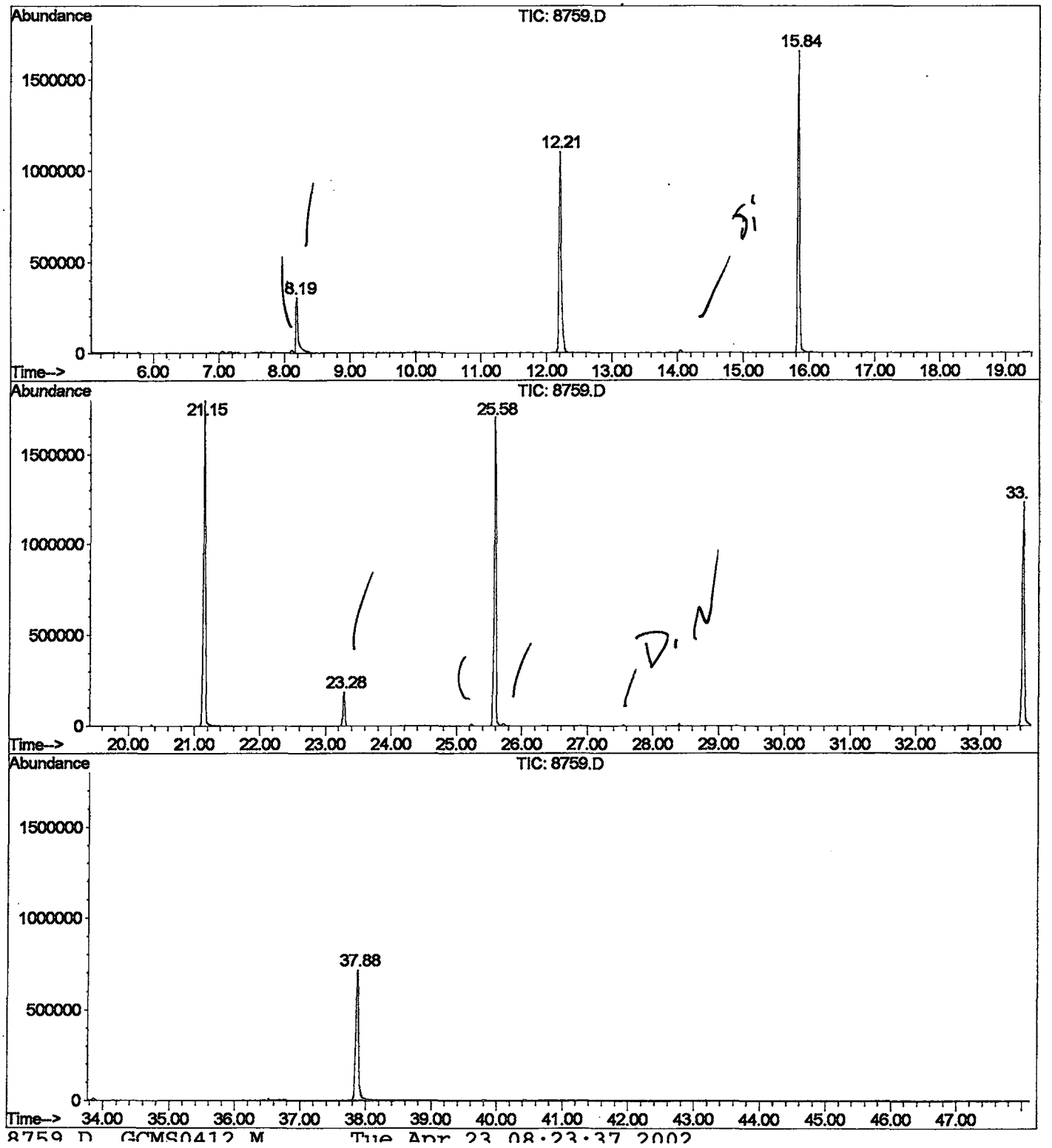
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.188	338	342	364	rVB	301184	719837	18.86%	3.690%
2	12.209	774	780	792	rBV	1103804	2603534	68.20%	13.347%
3	15.844	1170	1176	1193	rBV	1658481	3339878	87.49%	17.122%
4	21.150	1747	1754	1768	rBV	1798734	3817237	100.00%	19.569%
5	23.280	1979	1986	1992	rBV	188954	377548	9.89%	1.935%
6	25.584	2231	2237	2249	rBV2	1706678	3692567	96.73%	18.930%
7	33.645	3105	3115	3132	rBV2	1232522	2809661	73.60%	14.404%
8	37.877	3566	3576	3591	rBV2	709738	2146486	56.23%	11.004%

Sum of corrected areas: 19506748

8759.D GCMS0412.M Tue Apr 23 08:23:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2202\8759.D
Operator :
Acquired : 22 Apr 2002 10:52 pm using AcqMethod GCMS0412
Instrument : 209
Sample Name: gc/ms scan 4/11
Misc Info :
Vial Number: 15
Quant File :GCMS0412.RES (RTE Integrator)



8759.D GCMS0412.M Tue Apr 23 08:23:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2202\8759.D
Acq On : 22 Apr 2002 10:52 pm
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

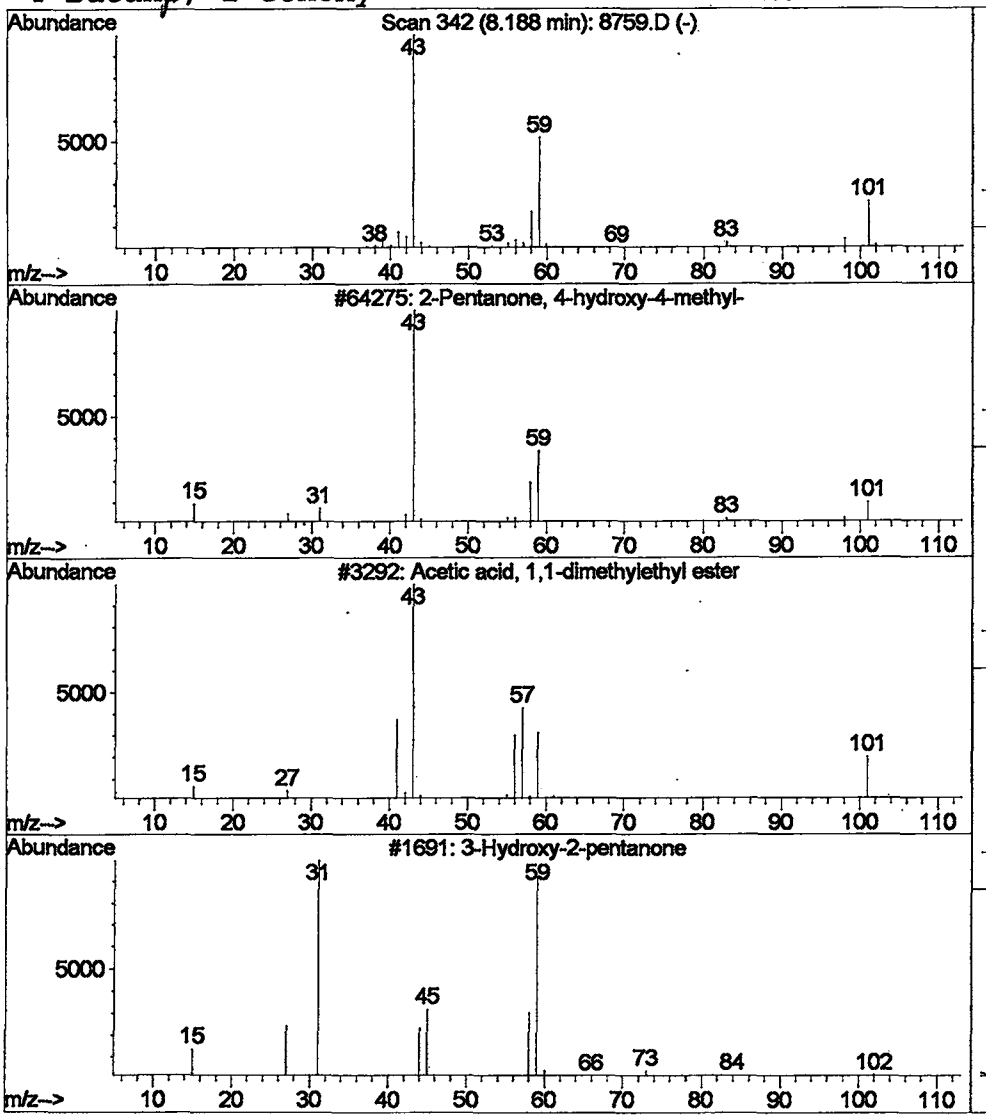
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

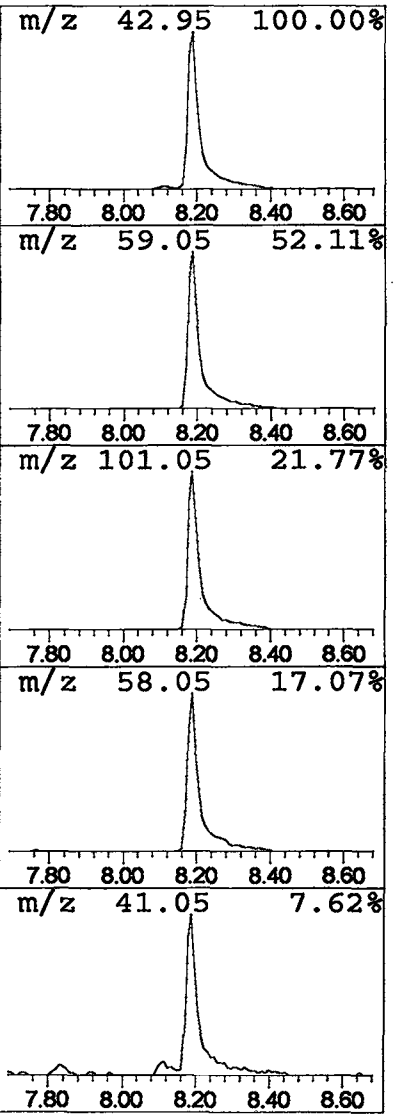
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	5.53 ug/l	719837	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Apr 2002 10:52 pm
Data File: C:\HPCHEM\1\DATA\APR2202\8759.D
Name: gc/ms scan 4/11
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	8.19	5.5	ug/l	719837	ISTD01	12.21	2603530	20.0

8759.D GCMS0412.M Tue Apr 23 08:23:38 2002