User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 11:34:21

Sample: AE10774
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 11:33 Ended: 5/17/02 11:33 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		10.0

Comments for Sample AE10774 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 11:35:03

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\MAY1002\10774.D Vial: 18
Acq On : 11 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:29 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.17	152	544888	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1984589	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1096303	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1527739	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	1040646	40.00	ug/l	-0.02
44) Perylene-d12	37.85	264	727628	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.25	209	42175	7.73	ug/L	-0.03
Spiked Amount 10.000			Recovery = 77.30%			
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	13.39	77	801	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	451	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	22.59	149	2508	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.61	178	333	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10774.D Vial: 18
Acq On : 11 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:29 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

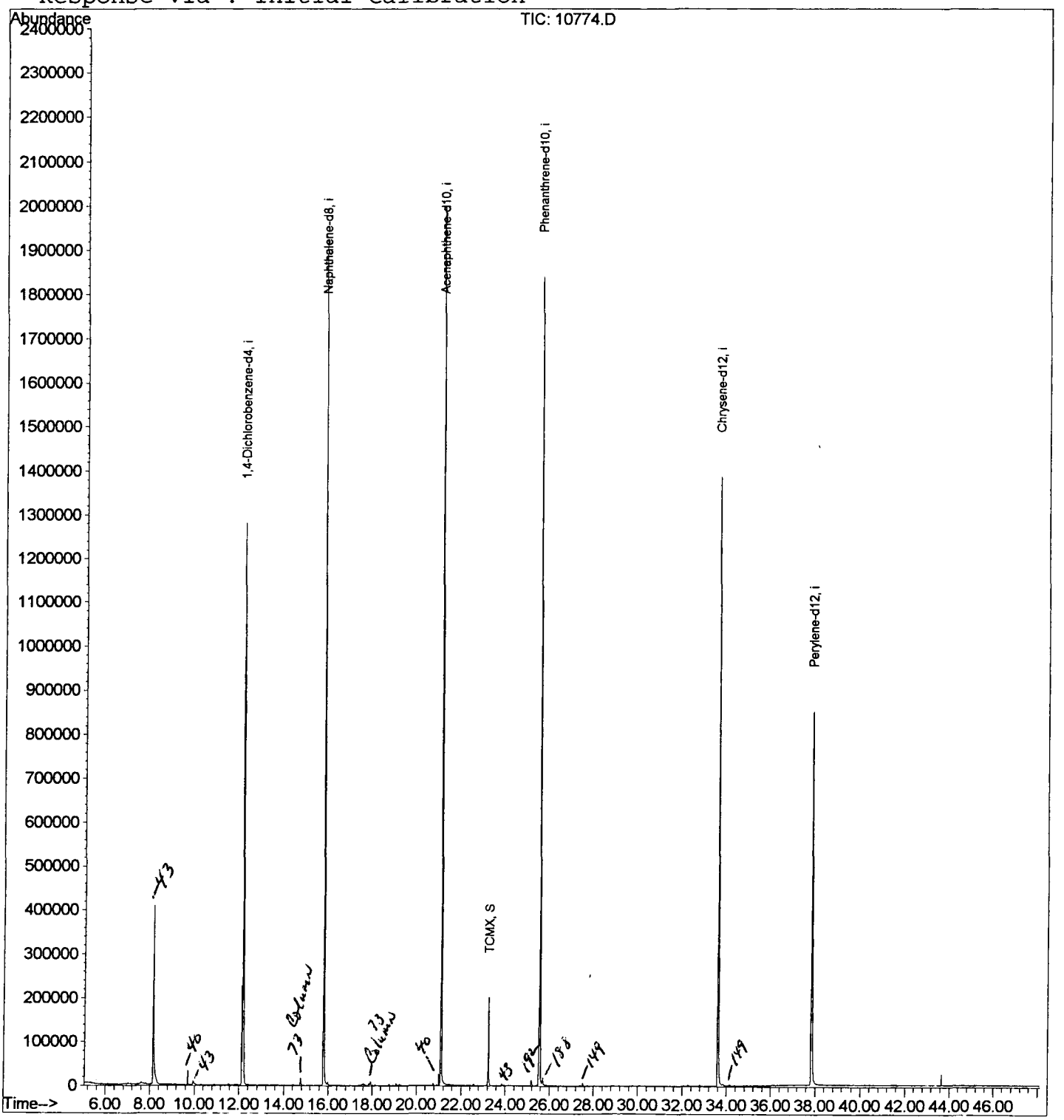
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.61	178	333	N.D.	
36) Di-n-butylphthalate	27.52	149	9164	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.62	228	2611	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.85	149	2350	N.D.	
43) Chrysene	33.62	228	2611	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.72	252	170	N.D.	
47) Benzo(k)fluoranthene	36.72	252	170	N.D.	
48) Benzo(a)pyrene	37.84	252	2870	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\MAY1002\10774.D Vial: 18
Acq On : 11 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 14:29 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 12:35:42 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10774.D Vial: 18
Acq On : 11 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

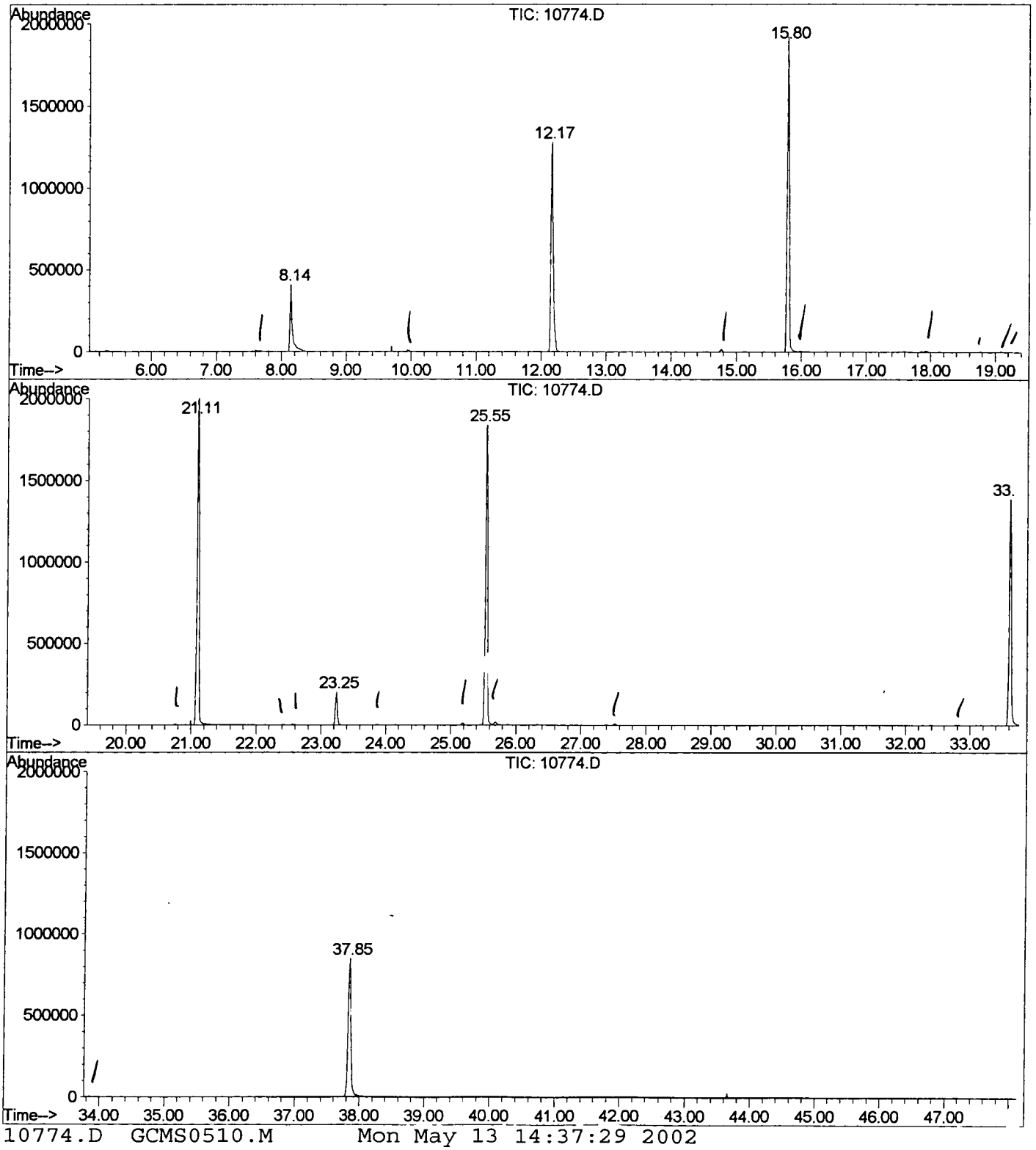
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.144	335	339	370	rVB	405852	978634	22.32%	4.345%
2	12.166	772	778	793	rVB	1278044	3093422	70.55%	13.736%
3	15.795	1168	1174	1187	rBV	1918812	3901419	88.98%	17.324%
4	21.110	1747	1754	1772	rBV	1999067	4384616	100.00%	19.469%
5	23.245	1979	1987	1997	rVB	201636	413129	9.42%	1.834%
6	25.554	2232	2239	2250	rBV2	1838562	4091069	93.31%	18.166%
7	33.618	3112	3119	3138	rBV2	1385676	3110463	70.94%	13.812%
8	37.852	3572	3581	3600	rBV2	848581	2547934	58.11%	11.314%

Sum of corrected areas: 22520686

10774.D GCMS0510.M Mon May 13 14:37:28 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10774.D
Operator :
Acquired : 11 May 2002 5:38 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/6
Misc Info :
Vial Number: 18
Quant File :GCMS0510.RES (RTE Integrator)



10774.D GCMS0510.M Mon May 13 14:37:29 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10774.D Vial: 18
Acq On : 11 May 2002 5:38 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

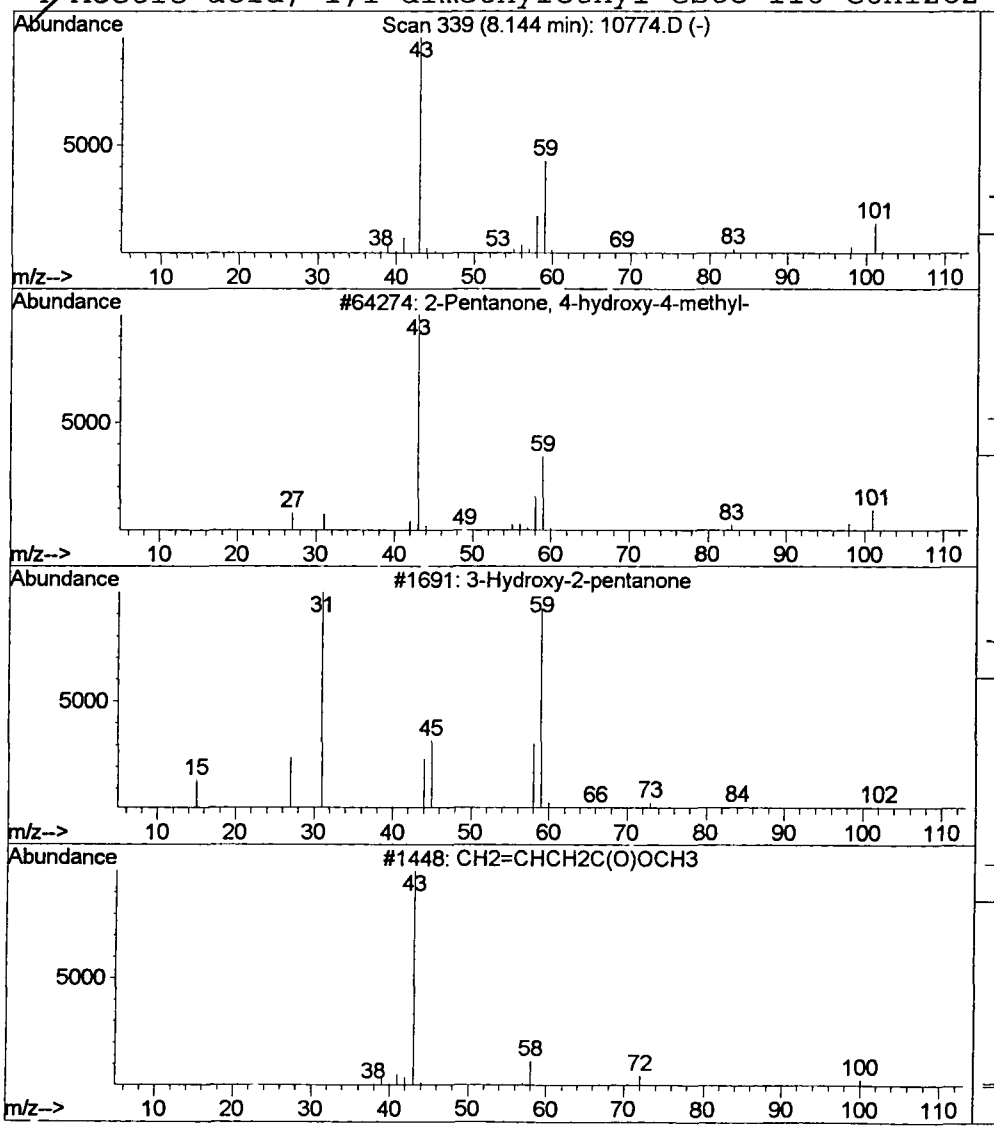
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

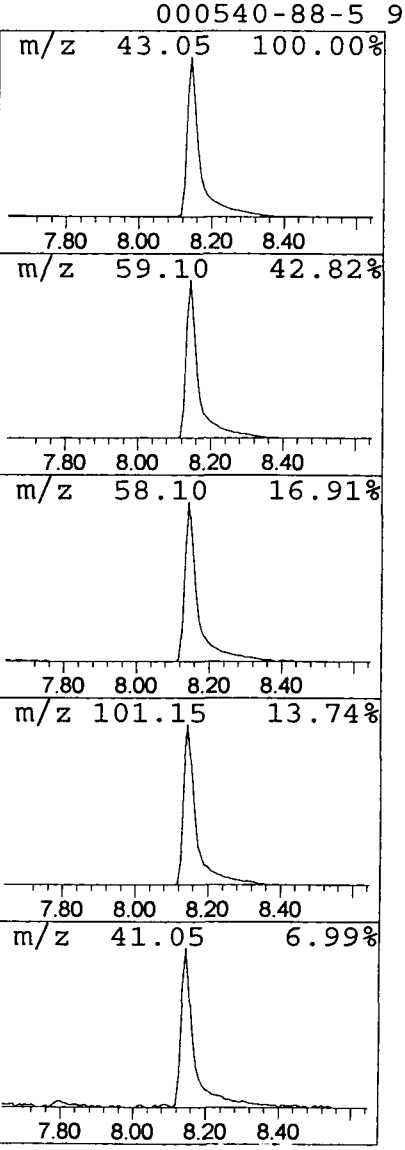
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.65 ug/l	978634	1,4-Dichlorobenzene-d4	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 5:38 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10774.D
Name: GC/MS SCAN 5/6
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.14	12.7	ug/l	978634	ISTD01	12.17	3093420	40.0

10774.D GCMS0510.M Mon May 13 14:37:30 2002