User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 15:29:33

Sample: AE09447
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 15:27 Ended: 5/15/02 15:27 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE09447 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 15:30:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was analyzed twice due to low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9447.D Vial: 12
Acq On : 8 May 2002 9:20 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:40 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

Re-analysis

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	428253	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1562124	40.00	ug/l	0.00
17) Acenaphthene-d10	21.13	164	847579	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1138116	40.00	ug/l	0.00
38) Chrysene-d12	33.63	240	608842	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	367815	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	32998	7.83	ug/L	0.00
Spiked Amount 10.000			Recovery = 78.30%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	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-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	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	0.00	128	0	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	22.61	149	827	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.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.58	178	299	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 8 May 2002 9:20 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 14:40 2002 Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	299	N.D.	
36)	Di-n-butylphthalate	27.54	149	3708	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	33.63	228	1338	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1030	N.D.	
43)	Chrysene	33.63	228	1338	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	37.86	252	1315	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.	

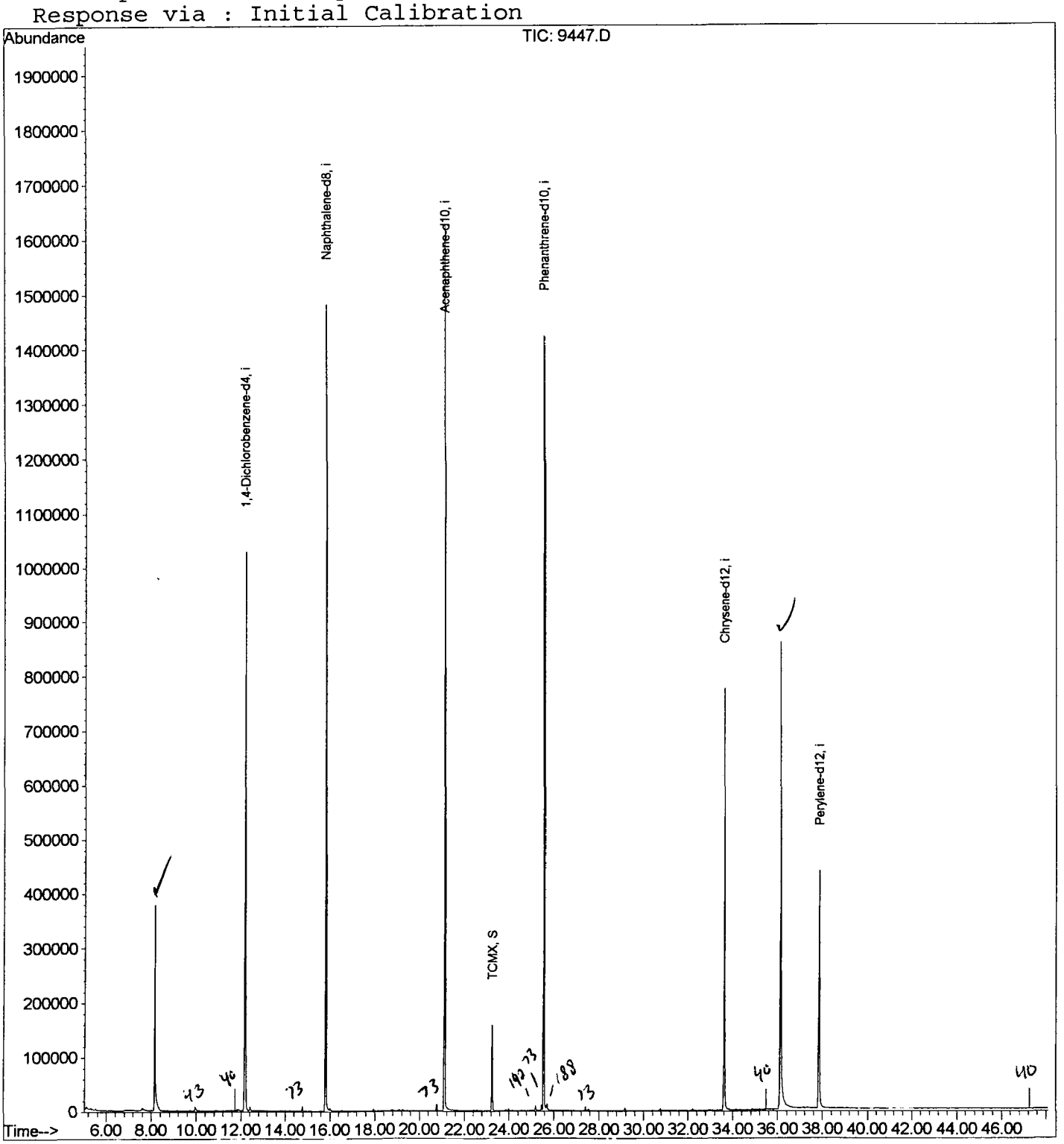
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9447.D
Acq On : 8 May 2002 9:20 pm
Sample : RE-EXT.
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 14:40 2002

Vial: 12
Operator:
Inst : 209
Multiplr: 1.00
Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9447.D Vial: 12
Acq On : 8 May 2002 9:20 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

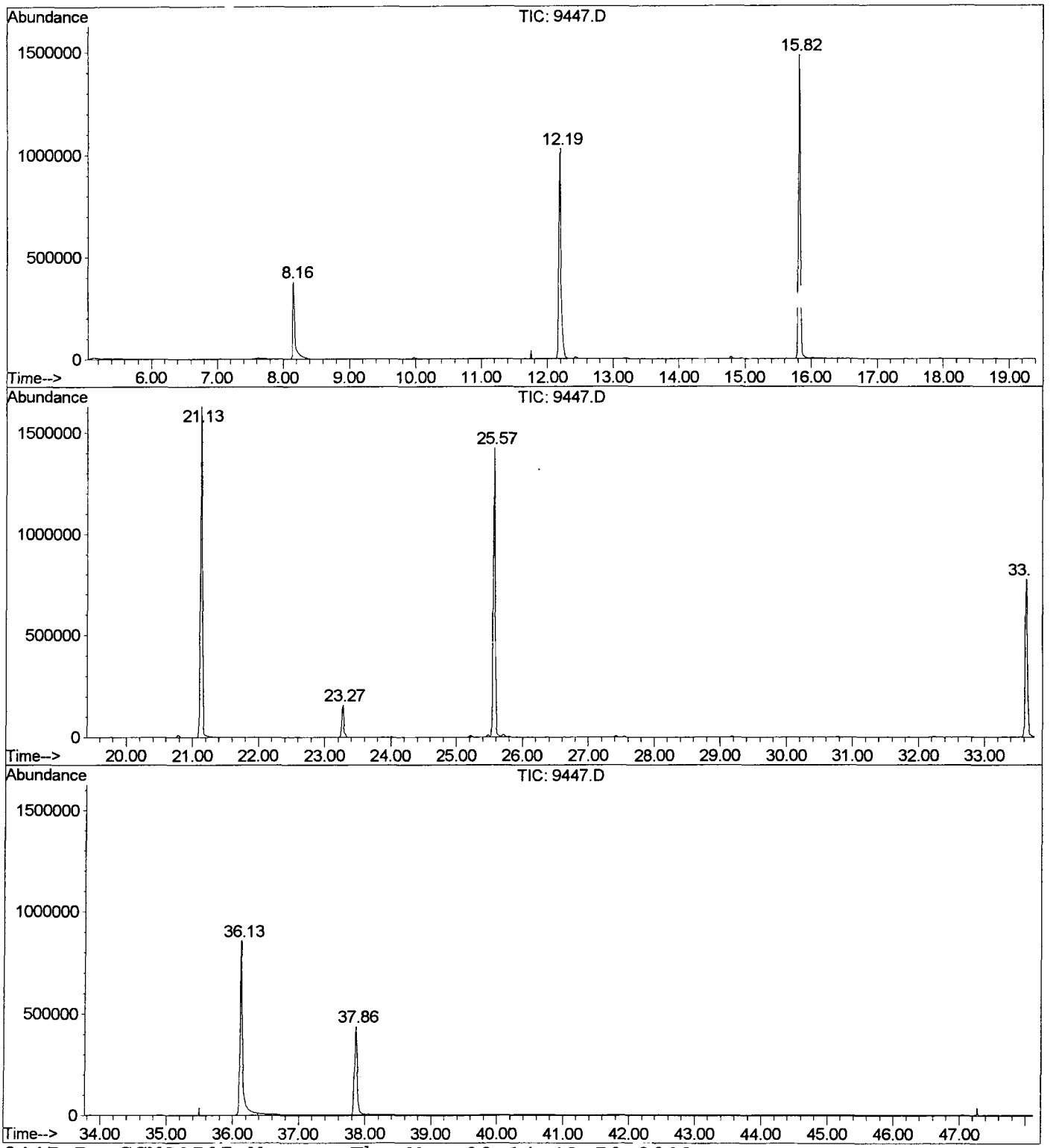
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	371	rVB	376811	916194	26.84%	4.908%
2	12.194	775	781	796	rVB	1027184	2437997	71.43%	13.059%
3	15.823	1171	1177	1195	rBV	1480540	3082455	90.31%	16.511%
4	21.129	1750	1756	1777	rBV	1626814	3413041	100.00%	18.282%
5	23.273	1981	1990	2001	rBV2	157164	341280	10.00%	1.828%
6	25.573	2235	2241	2252	rVV2	1422044	3040581	89.09%	16.287%
7	33.628	3114	3120	3136	rBV2	773553	1819166	53.30%	9.745%
8	36.130	3385	3393	3421	rBV	857012	2320621	67.99%	12.431%
9	37.862	3573	3582	3600	rBV2	435793	1297220	38.01%	6.949%

Sum of corrected areas: 18668555

9447.D GCMS0507.M Thu May 09 14:42:50 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9447.D
Operator :
Acquired : 8 May 2002 9:20 pm using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 12
Quant File :GCMS0507.RES (RTE Integrator)



9447.D GCMS0507.M Thu May 09 14:42:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9447.D Vial: 12
Acq On : 8 May 2002 9:20 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

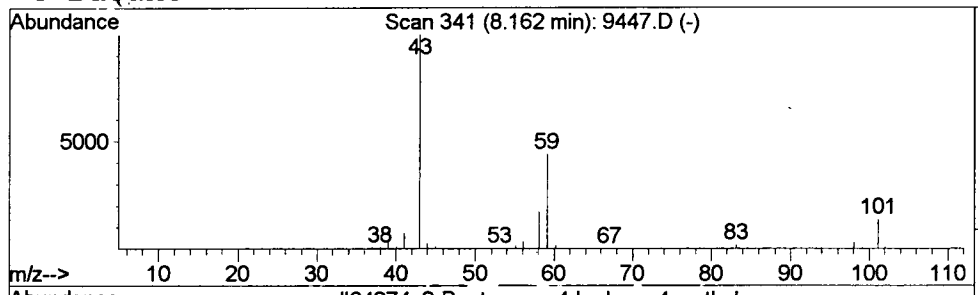
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

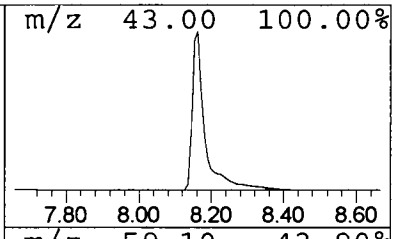
****

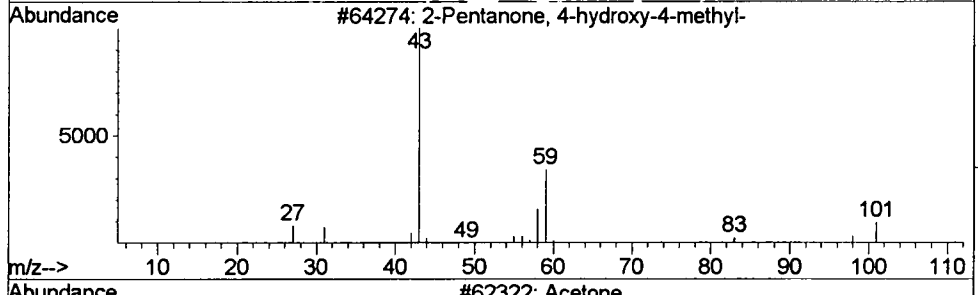
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

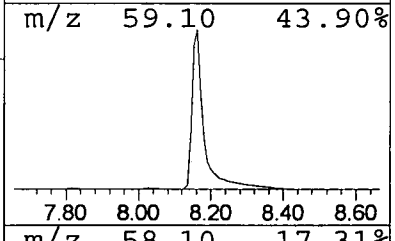
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	15.03 ug/l	916194	1,4-Dichlorobenzene-d4	12.19

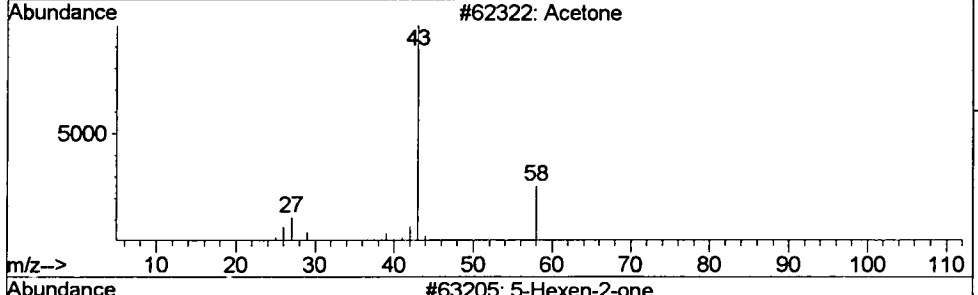
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	Acetone	58	C3H6O	000067-64-1	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Butane	58	C4H10	000106-97-8	5

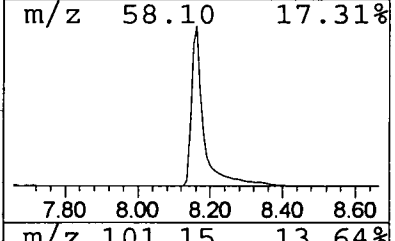


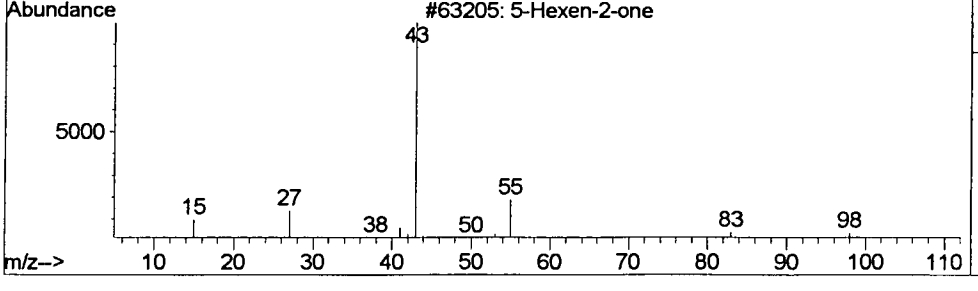


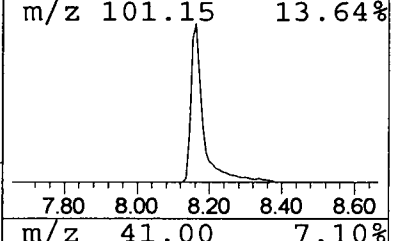


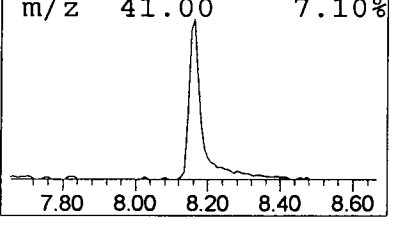












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9447.D Vial: 12
Acq On : 8 May 2002 9:20 pm Operator:
Sample : RE-EXT. Inst : 209
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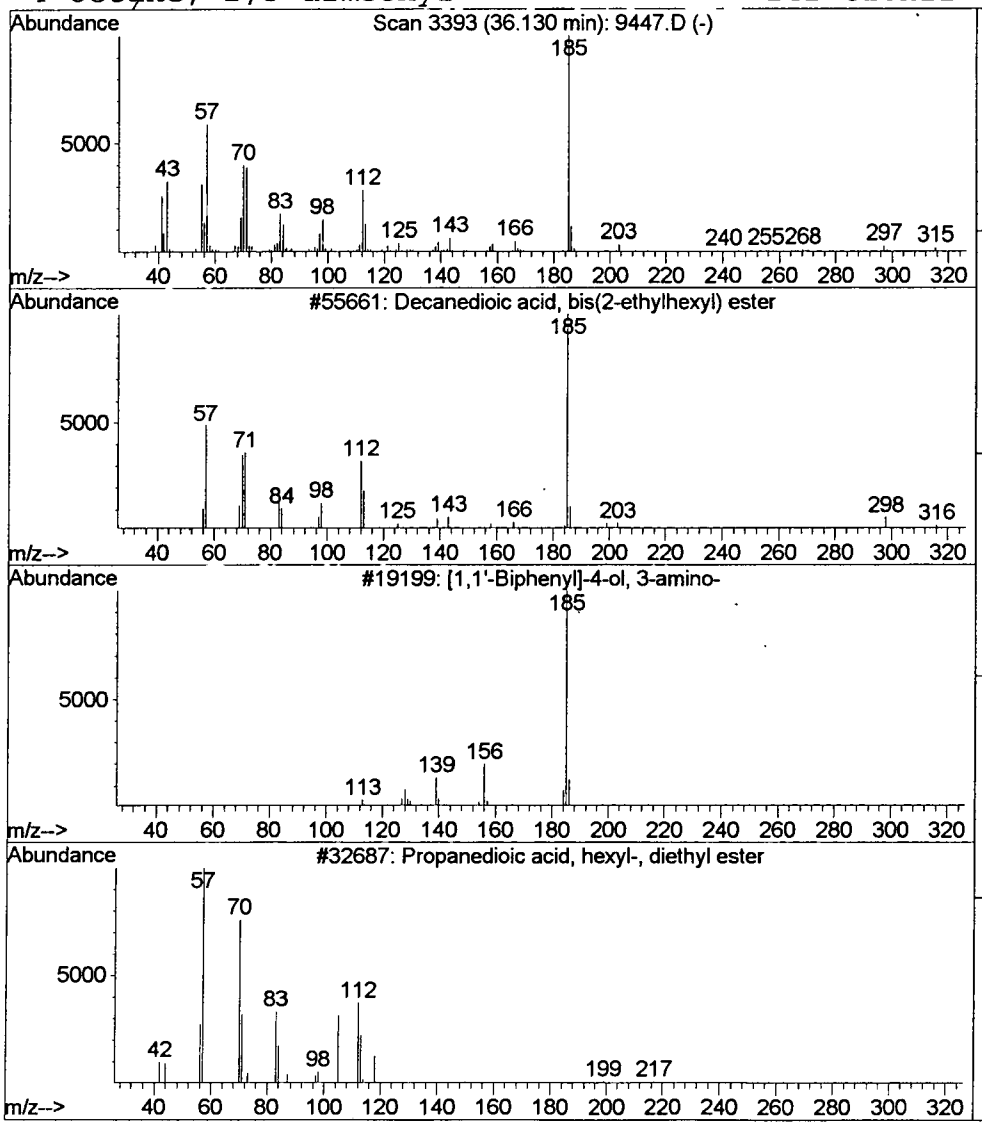
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

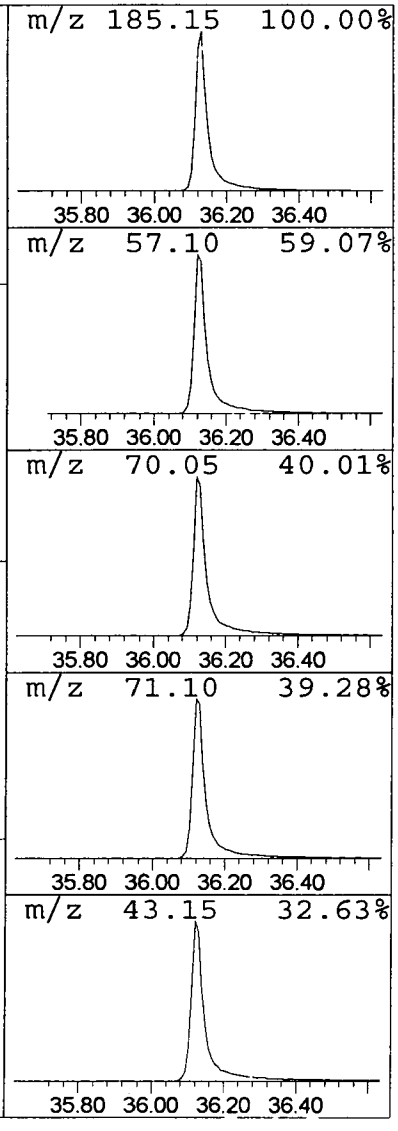
****

Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.13	71.56 ug/l	2320620	Perylene-d12	37.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	74
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	27
3	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	22
4	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	12





Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 May 2002 9:20 pm
Data File: C:\HPCHEM\1\DATA\MAY0802\9447.D
Name: RE-EXT.
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0507.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	8.16	15.0	ug/l	916194	ISTD01	12.19	2438000	40.0
Decanedioic acid, bi	36.13	71.6	ug/l	2320620	ISTD06	37.86	1297220	40.0

9447.D GCMS0507.M Thu May 09 14:42:53 2002