User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:36:45

Sample: AE09398
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:35 Ended: 5/15/02 14:35 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		79		10.0

Comments for Sample AE09398 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-15-2002 Time: 14:36:48

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\9398.D Vial: 6
Acq On : 10 May 2002 5:56 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:08 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 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	539274	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	1979543	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.10	164	1066052	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1457423	40.00	ug/l	-0.03
38) Chrysene-d12	33.62	240	973596	40.00	ug/l	-0.02
44) Perylene-d12	37.85	264	682367	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.25	209	168248	31.73	ug/L	-0.02
Spiked Amount 40.000			Recovery = 79.33%			
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	1080	N.D.		
12) Isophorone	14.01	82	188	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	249	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	2817	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	23.25	168	462	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.55	178	409	N.D.		

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

Quantitation Report (QT Reviewed)

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MS Integration Params: GOOFY.P
Quant Time: May 13 9:08 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 08:58:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

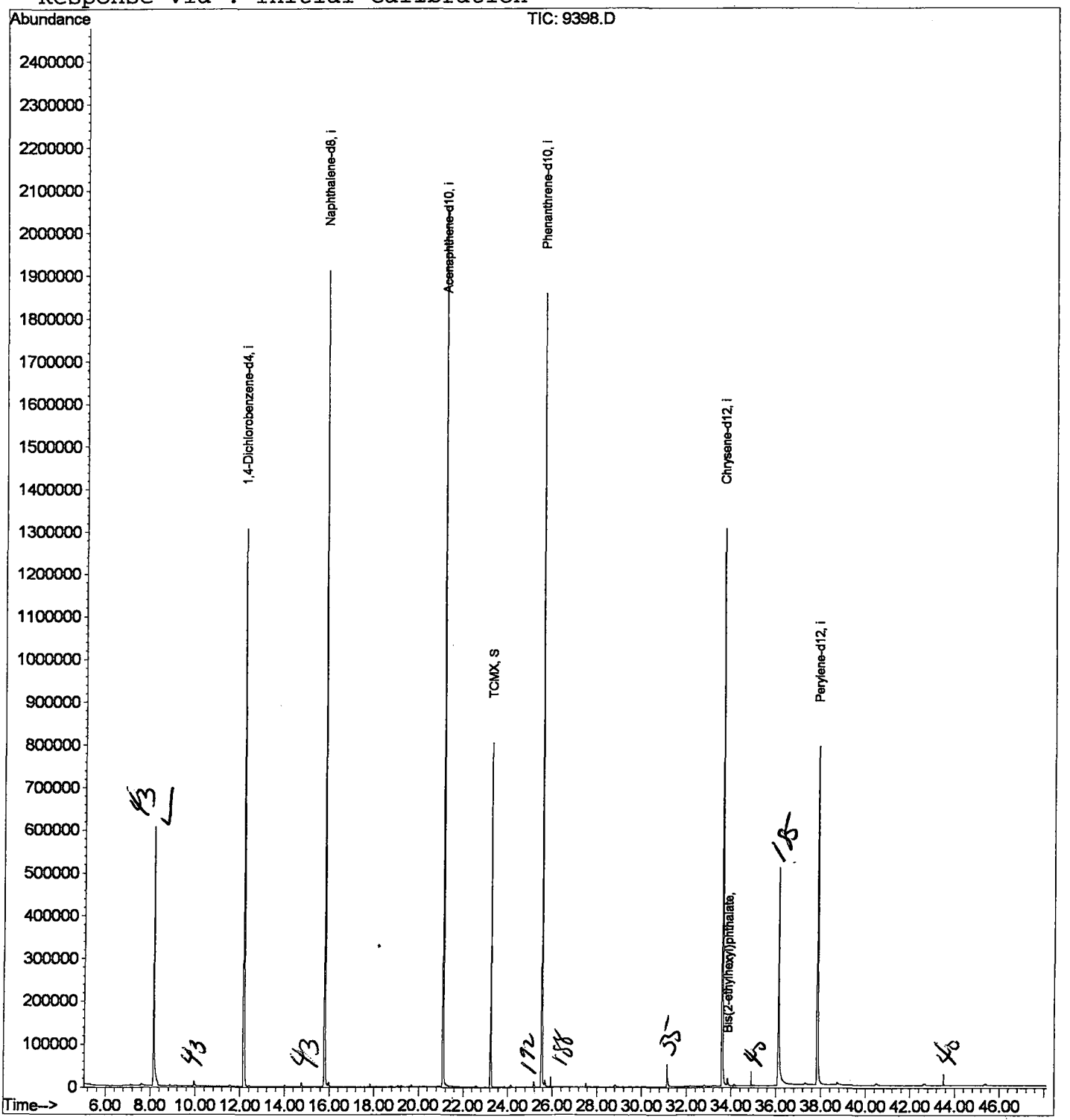
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.55	178	409	N.D.	
36)	Di-n-butylphthalate	27.53	149	9969	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.05	149	395	N.D.	
41)	Benzo(a)anthracene	33.62	228	3338	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	12474	0.56 ug/l #	98
43)	Chrysene	33.69	228	1302	N.D.	
45)	Di-n-Octylphthalate	35.59	149	1256	N.D.	
46)	Benzo(b)fluoranthene	36.67	252	1176	N.D.	
47)	Benzo(k)fluoranthene	36.74	252	1987	N.D.	
48)	Benzo(a)pyrene	37.65	252	597	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	43.15	276	389	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9398.D Vial: 6
Acq On : 10 May 2002 5:56 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 9:08 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 08:58:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9398.D Vial: 6
Acq On : 10 May 2002 5:56 pm Operator:
Sample : GC/MS SCAN 5/9 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

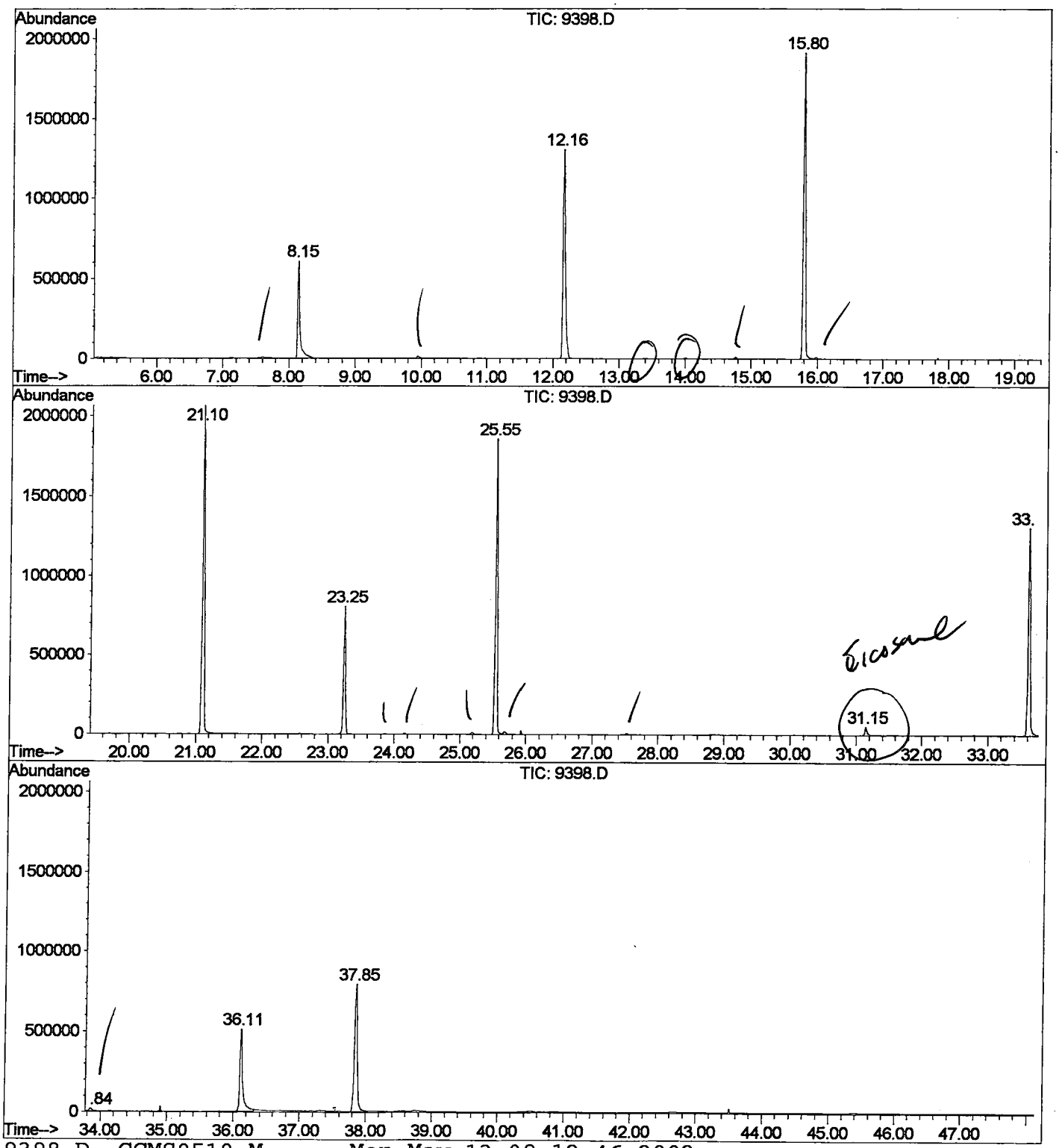
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.147	335	339	366	rVB	604245	1418579	33.36%	5.671%
2	12.160	772	777	789	rBV	1306231	3057400	71.90%	12.222%
3	15.798	1168	1174	1189	rBV	1910810	3880443	91.26%	15.512%
4	21.104	1746	1753	1764	rBV	2064436	4252032	100.00%	16.998%
5	23.248	1979	1987	1995	rBV	805019	1612055	37.91%	6.444%
6	25.548	2231	2238	2249	rBV2	1856578	3884018	91.34%	15.527%
7	31.147	2843	2849	2863	rBV	53298	129726	3.05%	0.519%
8	33.621	3112	3119	3133	rBV	1305443	2893033	68.04%	11.565%
9	33.841	3139	3143	3153	rVB	18160	51138	1.20%	0.204%
10	36.114	3384	3391	3413	rBV	507745	1440246	33.87%	5.757%
11	37.855	3572	3581	3601	rBV2	789031	2396683	56.37%	9.581%

Sum of corrected areas: 25015353

9398.D GCMS0510.M Mon May 13 09:12:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\9398.D
Operator :
Acquired : 10 May 2002 5:56 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/9
Misc Info :
Vial Number: 6
Quant File :GCMS0510.RES (RTE Integrator)



9398.D GCMS0510.M Mon May 13 09:12:46 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9398.D Vial: 6
Acq On : 10 May 2002 5:56 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

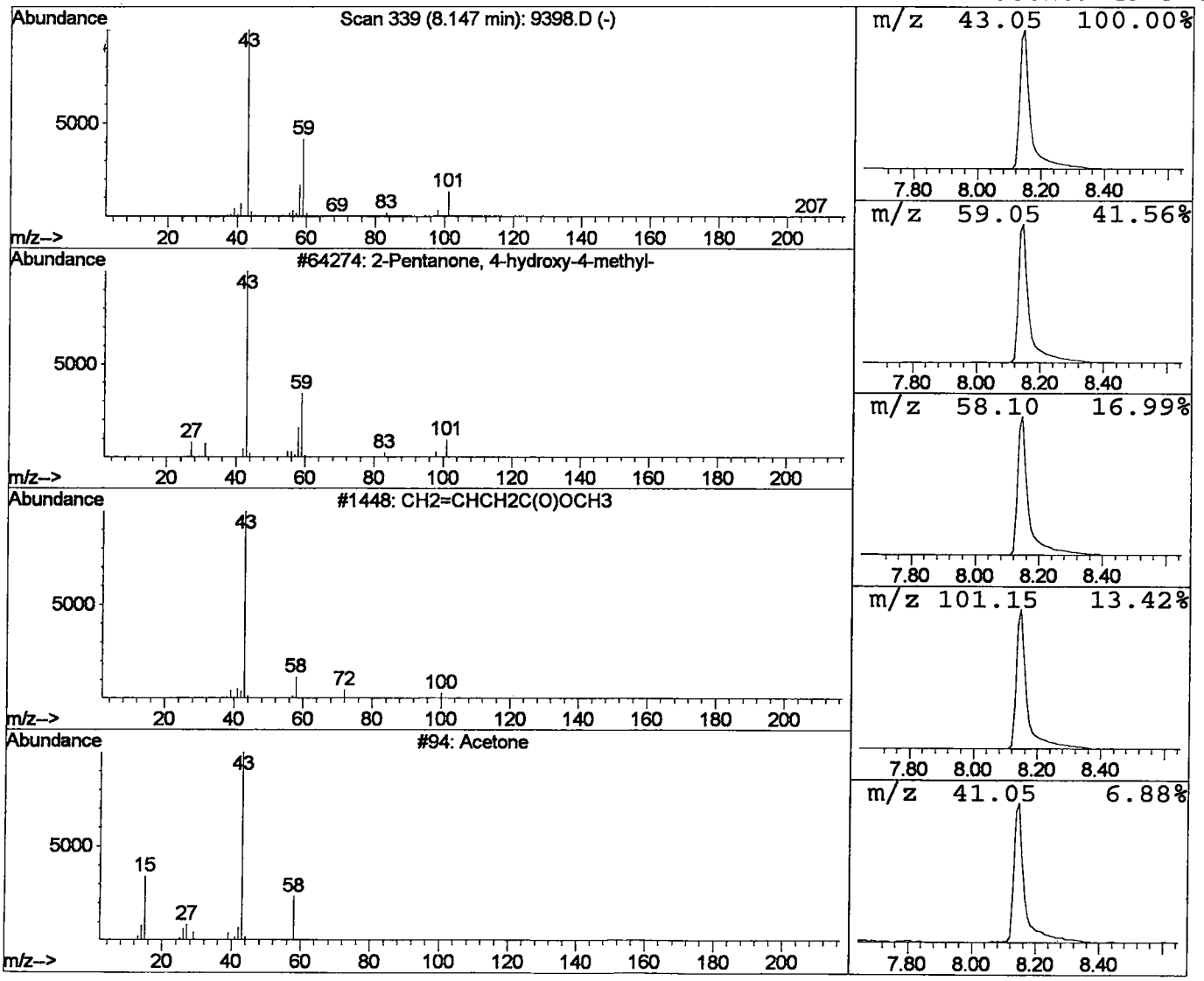
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	18.56 ug/l	1418580	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9398.D
Acq On : 10 May 2002 5:56 pm
Sample : GC/MS SCAN 5/9
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

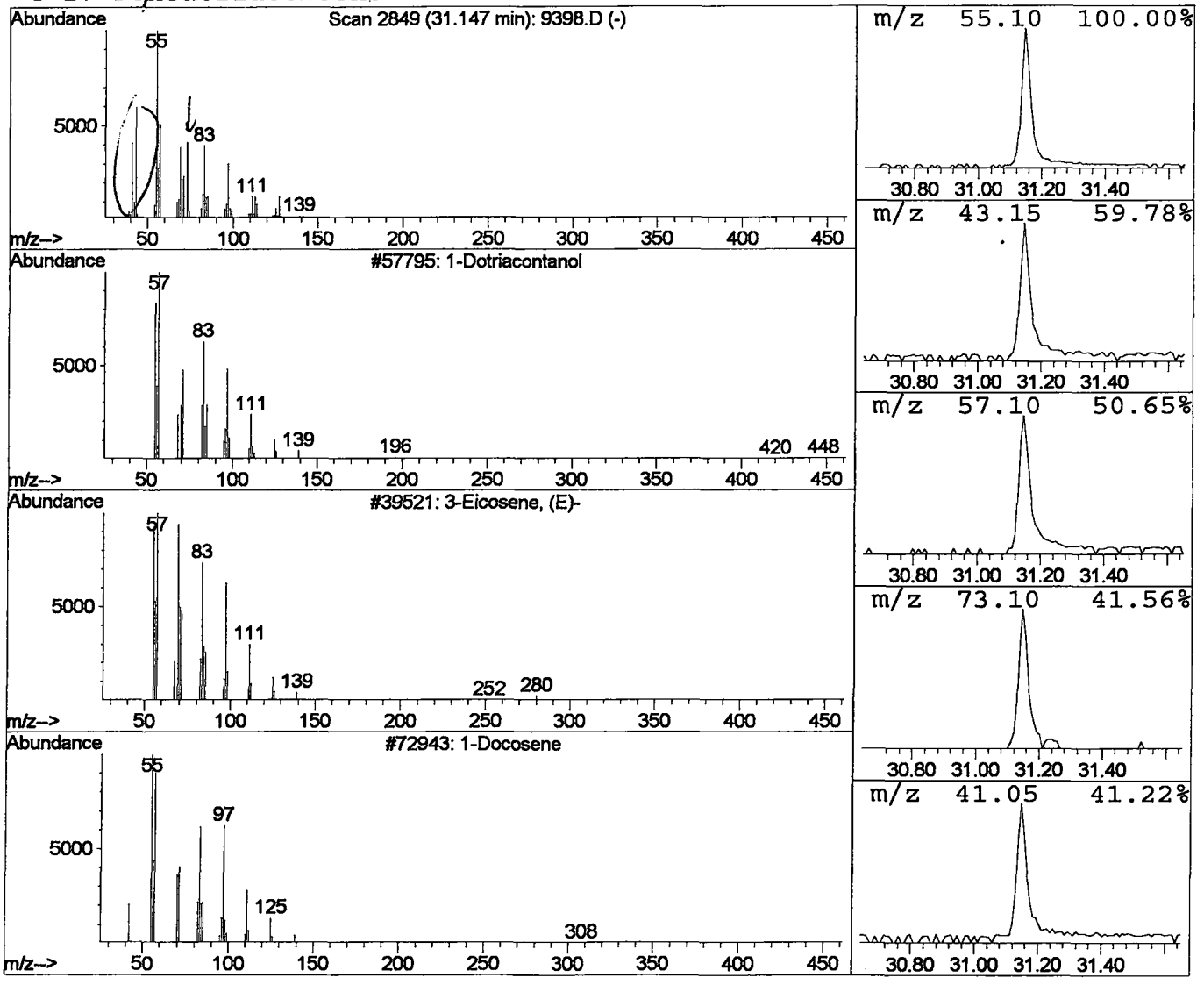
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Dotriacontanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.15	1.79 ug/l	129726	Chrysene-d12	33.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dotriacontanol	467	C32H66O	006624-79-9	70
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	70
3	1-Docosene	308	C22H44	001599-67-3	70
4	17-Pentatriacontene	491	C35H70	006971-40-0	70



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9398.D Vial: 6
Acq On : 10 May 2002 5:56 pm Operator:
Sample : GC/MS SCAN 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

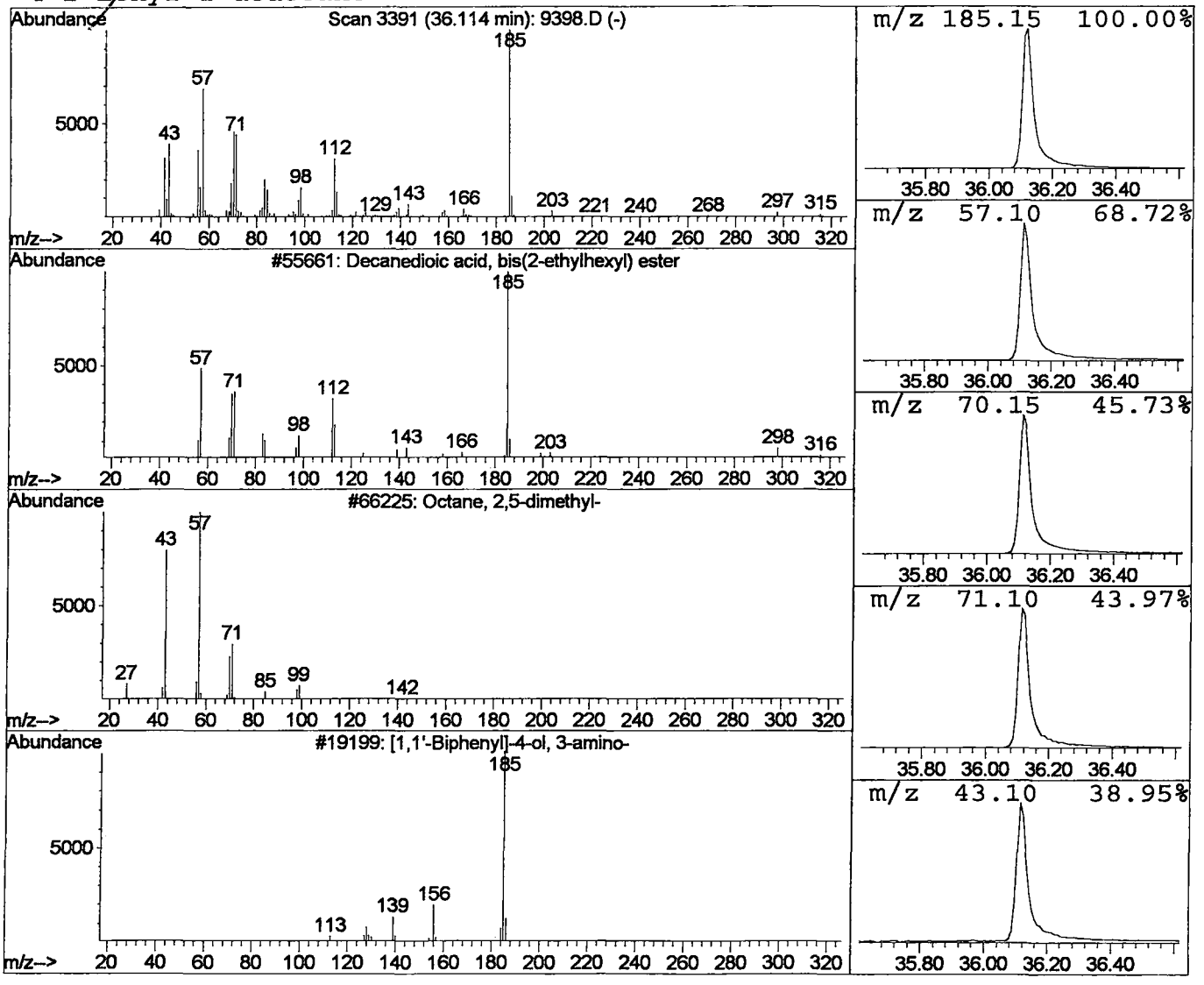
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.11	24.04 ug/l	1440250	Perylene-d12	37.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	68
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	22
3	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	22
4	2-Ethyl-1-dodecanol	214	C14H30O	000000-00-0	16



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 5:56 pm
Data File: C:\HPCHEM\1\DATA\MAY1002\9398.D
Name: GC/MS SCAN 5/9
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	8.15	18.6	ug/l	1418580	ISTD01	12.16	3057400	40.0
1-Dotriacontanol	31.15	1.8	ug/l	129726	ISTD05	33.62	2893030	40.0
Decanedioic acid, bi	36.11	24.0	ug/l	1440250	ISTD06	37.86	2396680	40.0

9398.D GCMS0510.M Mon May 13 09:12:49 2002