User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 11:56:07

Sample: AE10778
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 11:55 Ended: 5/17/02 11:55 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE10778 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 11:56:44

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\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 15:17 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	12.16	152	593699	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	2163514	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.11	164	1174792	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1615430	40.00	ug/l	-0.02
38) Chrysene-d12	33.62	240	1029858	40.00	ug/l	-0.01
44) Perylene-d12	37.85	264	658341	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.24	209	46827	8.01	ug/L	-0.03
Spiked Amount 10.000			Recovery = 80.10%			
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	13.38	77	813	N.D.		
12) Isophorone	14.50	82	1039	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	15.86	128	449	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	20.45	163	803	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.63	152	182	N.D.		
23) Acenaphthene	21.20	153	291	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.58	149	5835	N.D.		
26) 4-Chlorophenylphenylether	22.74	204	232	N.D.		
27) Fluorene	22.72	166	456	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	25.62	178	2232	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 15:17 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

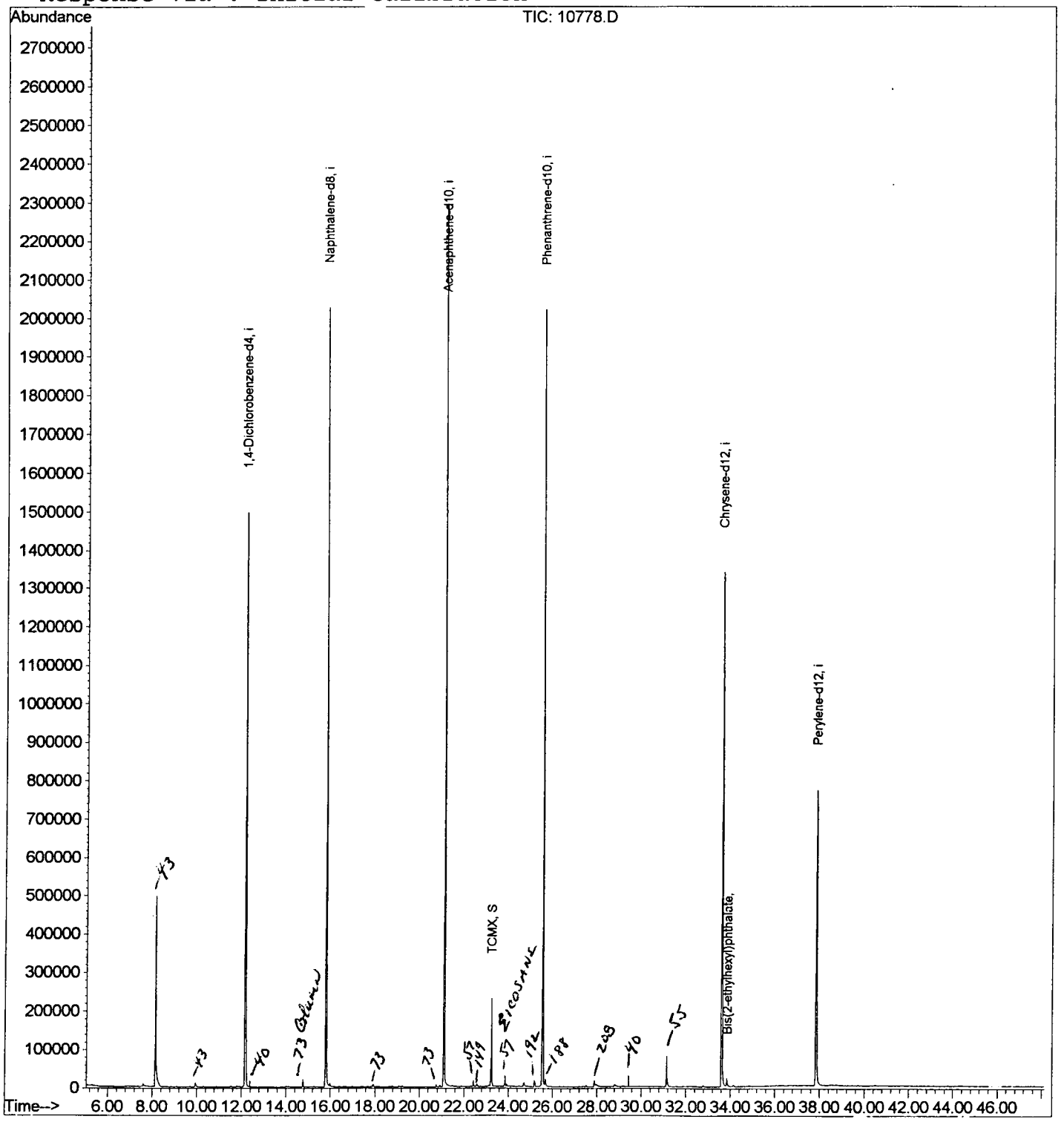
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.75	178	341	N.D.	
36) Di-n-butylphthalate	27.52	149	5207	N.D.	
37) Fluoranthene	29.23	202	1923	N.D.	
39) Pyrene	29.91	202	1566	N.D.	
40) Butylbenzylphthalate	32.06	149	244	N.D.	
41) Benzo(a)anthracene	33.62	228	2726	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.84	149	13056	0.56 ug/l #	93
43) Chrysene	33.69	228	344	N.D.	
45) Di-n-Octylphthalate	35.59	149	205	N.D.	
46) Benzo(b)fluoranthene	36.67	252	213	N.D.	
47) Benzo(k)fluoranthene	36.74	252	398	N.D.	
48) Benzo(a)pyrene	37.86	252	2542	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\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 13 15:17 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\10778.D Vial: 22
Acq On : 11 May 2002 9:34 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

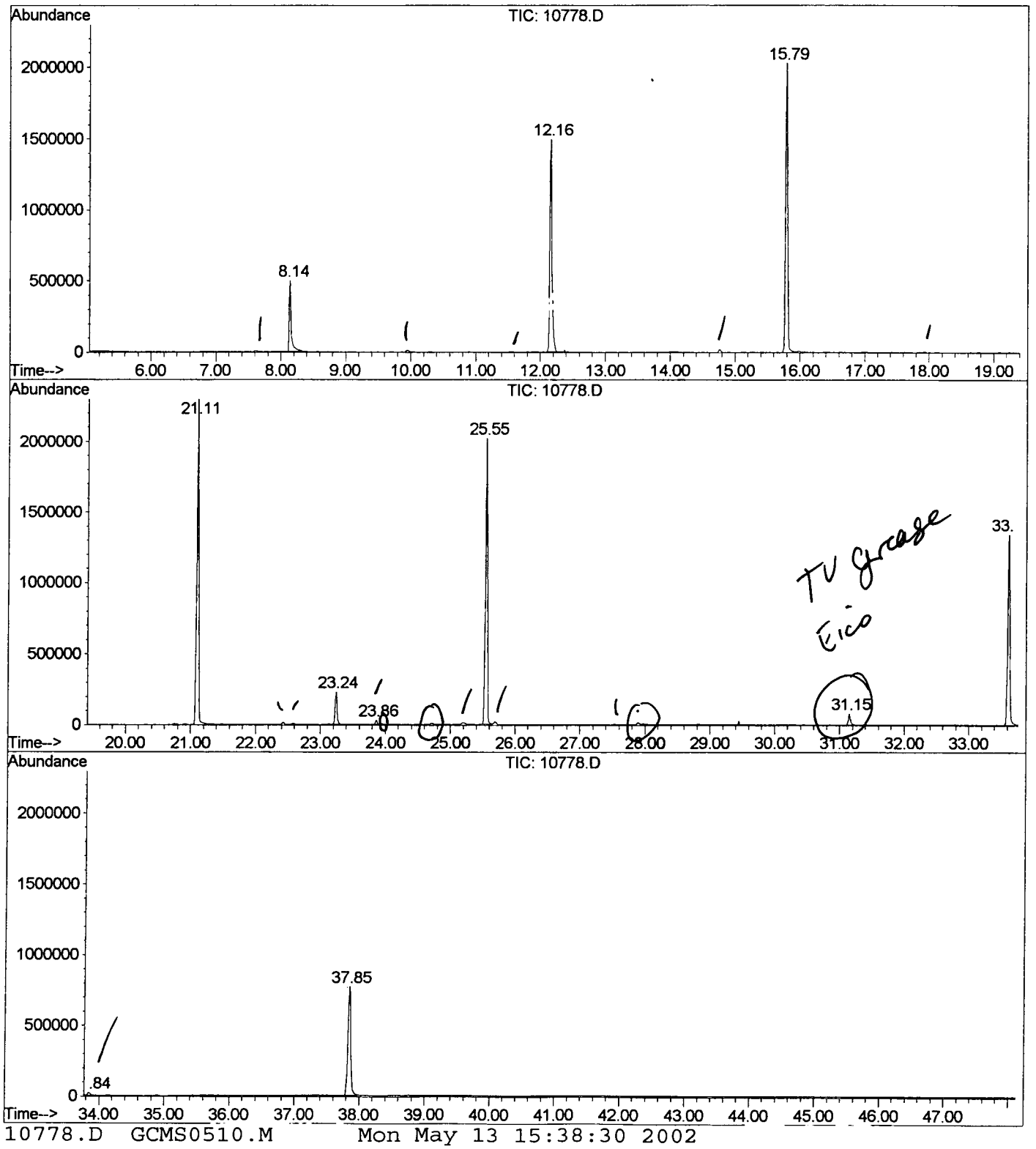
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.140	334	338	364	rVB	495347	1078788	22.76%	4.504%
2	12.163	771	777	788	rBV	1492785	3358532	70.87%	14.021%
3	15.792	1167	1173	1190	rBV	2025304	4257154	89.83%	17.772%
4	21.107	1746	1753	1772	rBV	2294506	4739176	100.00%	19.784%
5	23.242	1978	1986	1995	rBV	228921	464710	9.81%	1.940%
6	23.865	2048	2054	2058	rVB	28884	52236	1.10%	0.218%
7	25.551	2231	2238	2248	rBV2	2015795	4310015	90.94%	17.993%
8	31.150	2843	2849	2861	rBV	79300	177193	3.74%	0.740%
9	33.624	3111	3119	3132	rBV	1338590	3100500	65.42%	12.943%
10	33.844	3139	3143	3152	rVB	19446	48827	1.03%	0.204%
11	37.848	3571	3580	3602	rBV2	769551	2367268	49.95%	9.882%

Sum of corrected areas: 23954399

10778.D GCMS0510.M Mon May 13 15:38:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\10778.D
Operator :
Acquired : 11 May 2002 9:34 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: GC/MS SCAN 5/6
Misc Info :
Vial Number: 22
Quant File :GCMS0510.RES (RTE Integrator)



10778.D GCMS0510.M Mon May 13 15:38:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

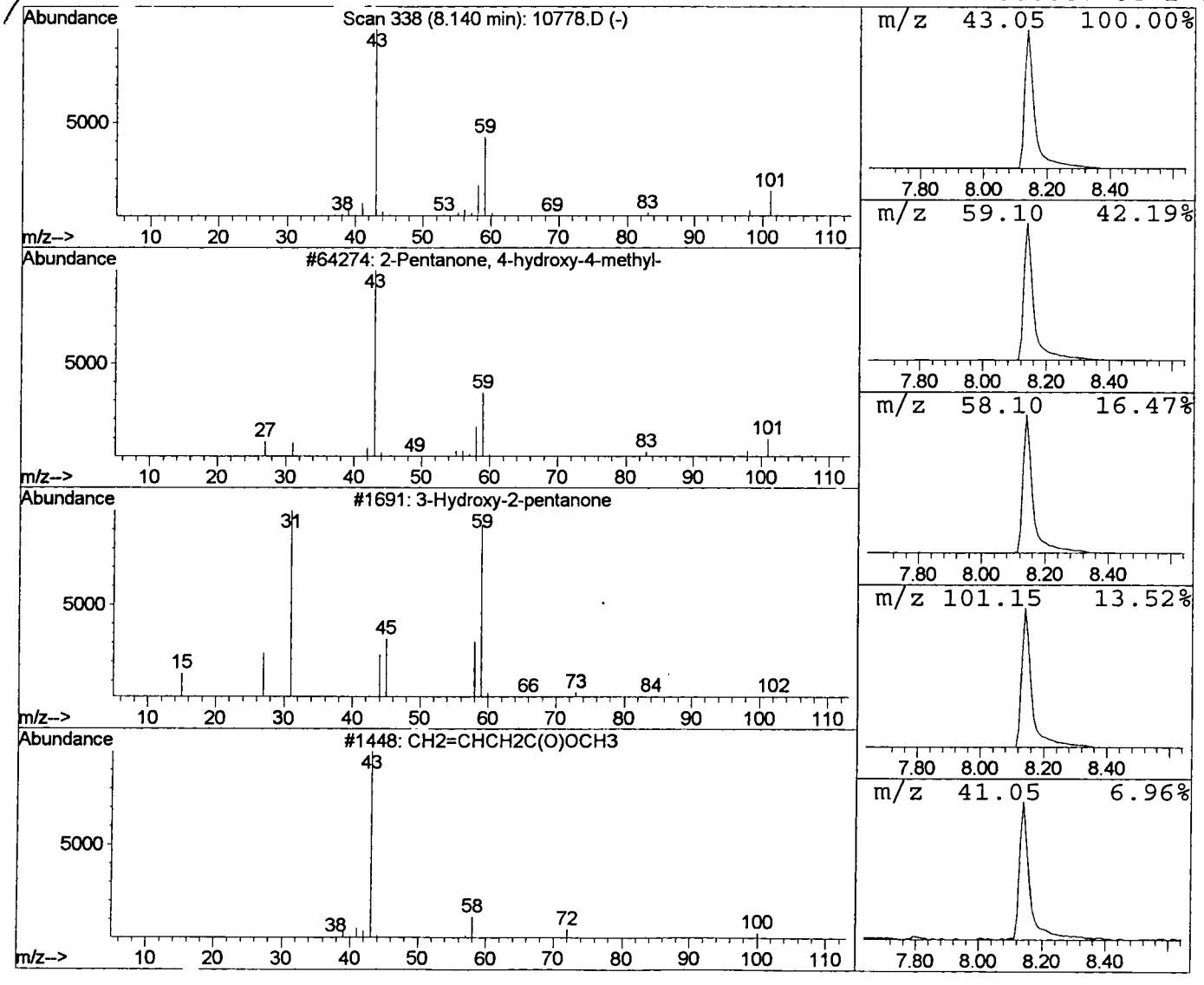
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	12.85 ug/l	1078790	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

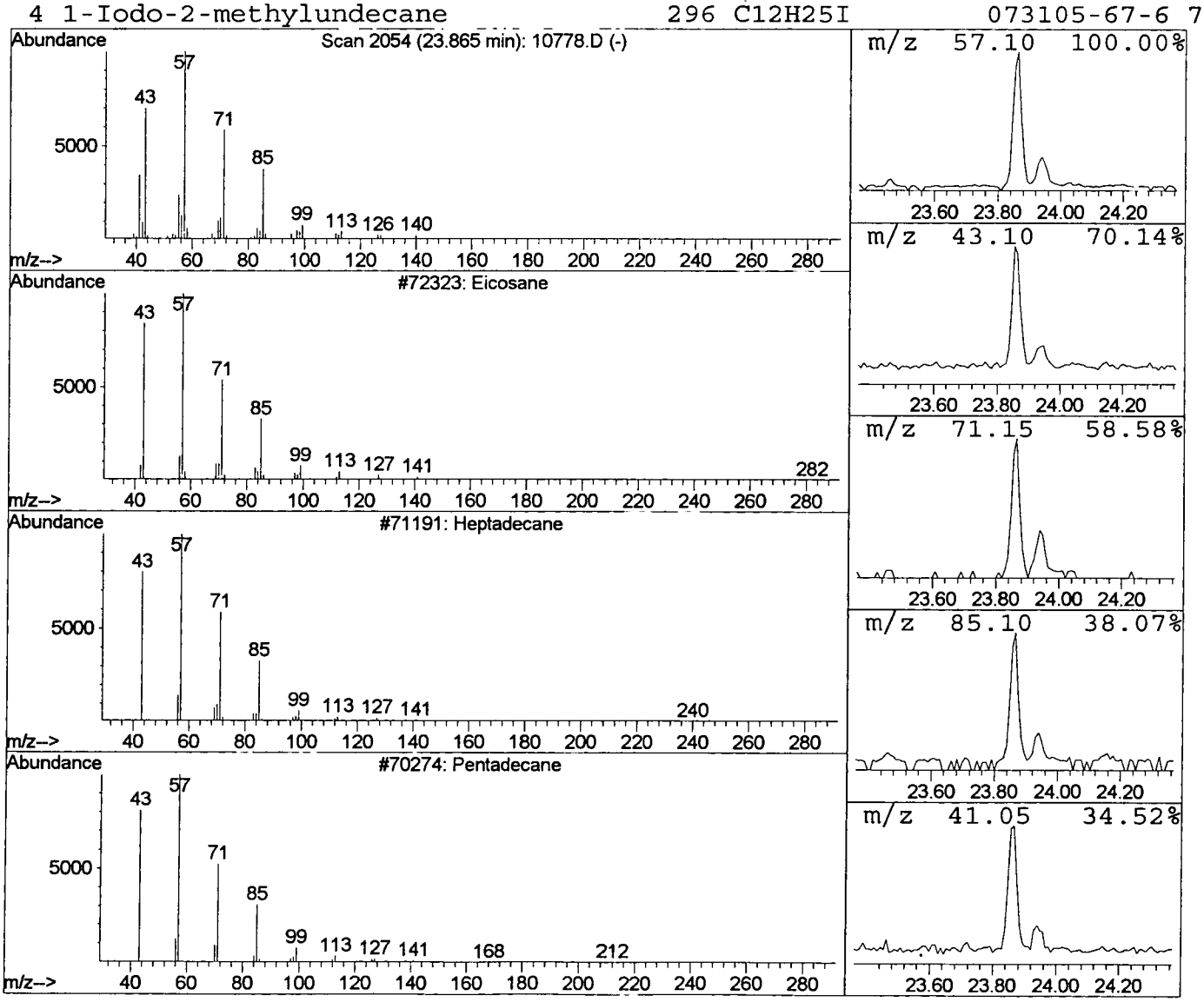
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	0.48 ug/l	52236	Phenanthrene-d10	25.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane	240	C17H36	000629-78-7	80
3	Pentadecane	212	C15H32	000629-62-9	80
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1002\10778.D Vial: 22
Acq On : 11 May 2002 9:34 am Operator:
Sample : GC/MS SCAN 5/6 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

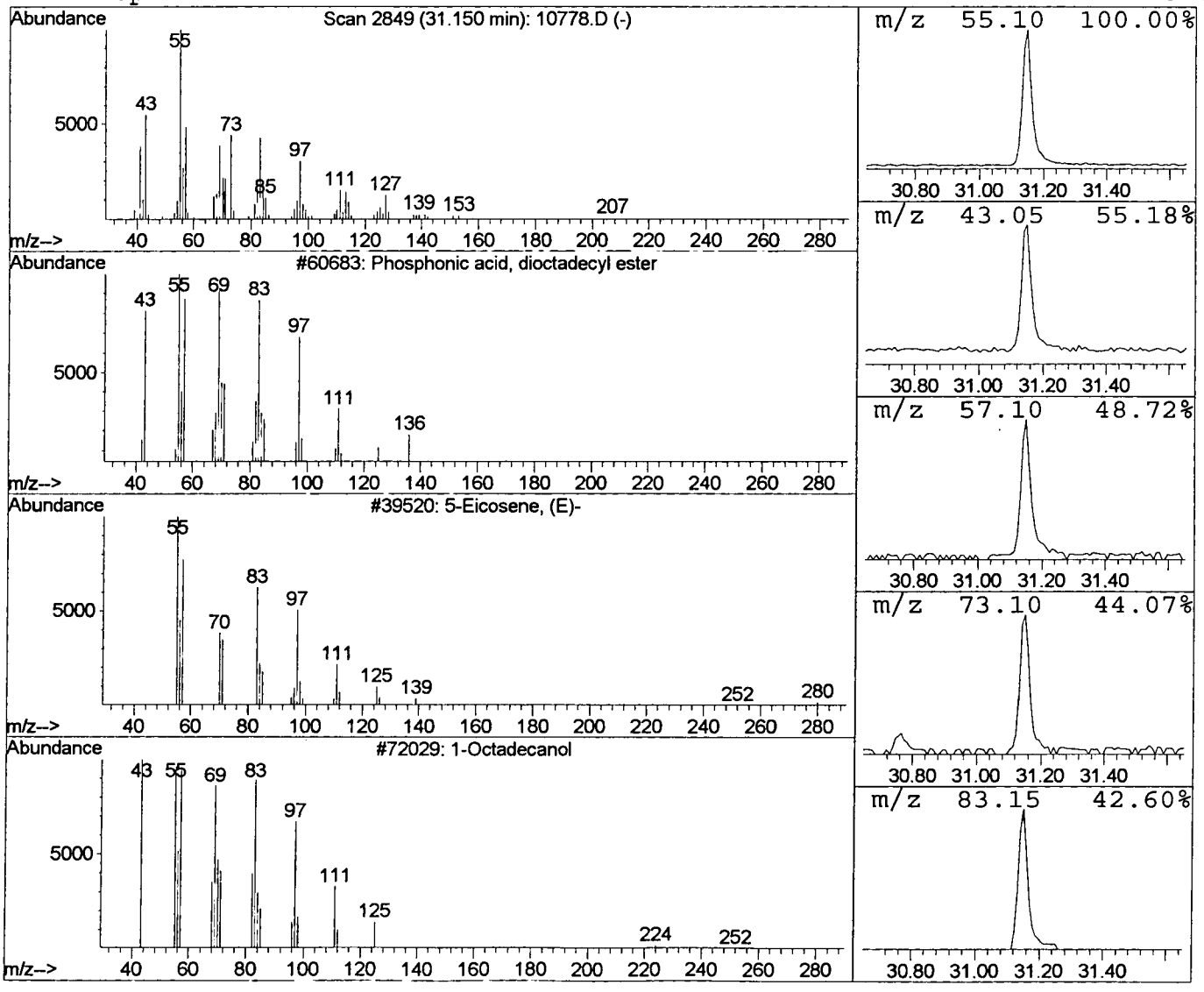
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phosphonic acid, dioctadecyl e Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.15	2.29 ug/l	177193	Chrysene-d12	33.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic acid, dioctadecyl ester	587	C36H75O3P	019047-85-9	76
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	76
3	1-Octadecanol	270	C18H38O	000112-92-5	76
4	1-Heptadecene	238	C17H34	006765-39-5	68



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 11 May 2002 9:34 am
Data File: C:\HPCHEM\1\DATA\MAY1002\10778.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	12.8	ug/l	1078790	ISTD01	12.16	3358530	40.0
Eicosane	23.86	0.5	ug/l	52236	ISTD04	25.55	4310020	40.0
Phosphonic acid, dio	31.15	2.3	ug/l	177193	ISTD05	33.62	3100500	40.0

10778.D GCMS0510.M Mon May 13 15:38:33 2002