User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:09:07

Sample: AE09565
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 12:08 Ended: 5/6/02 12:08 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		10.0

Comments for Sample AE09565 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 12:09:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:42 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	352616	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1298969	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	697786	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	981989	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	603210	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	360218	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	33231	9.78	ug/L	-0.02
Spiked Amount 10.000			Recovery = 97.80%			
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.	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	777	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	25.59	178	116	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:42 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

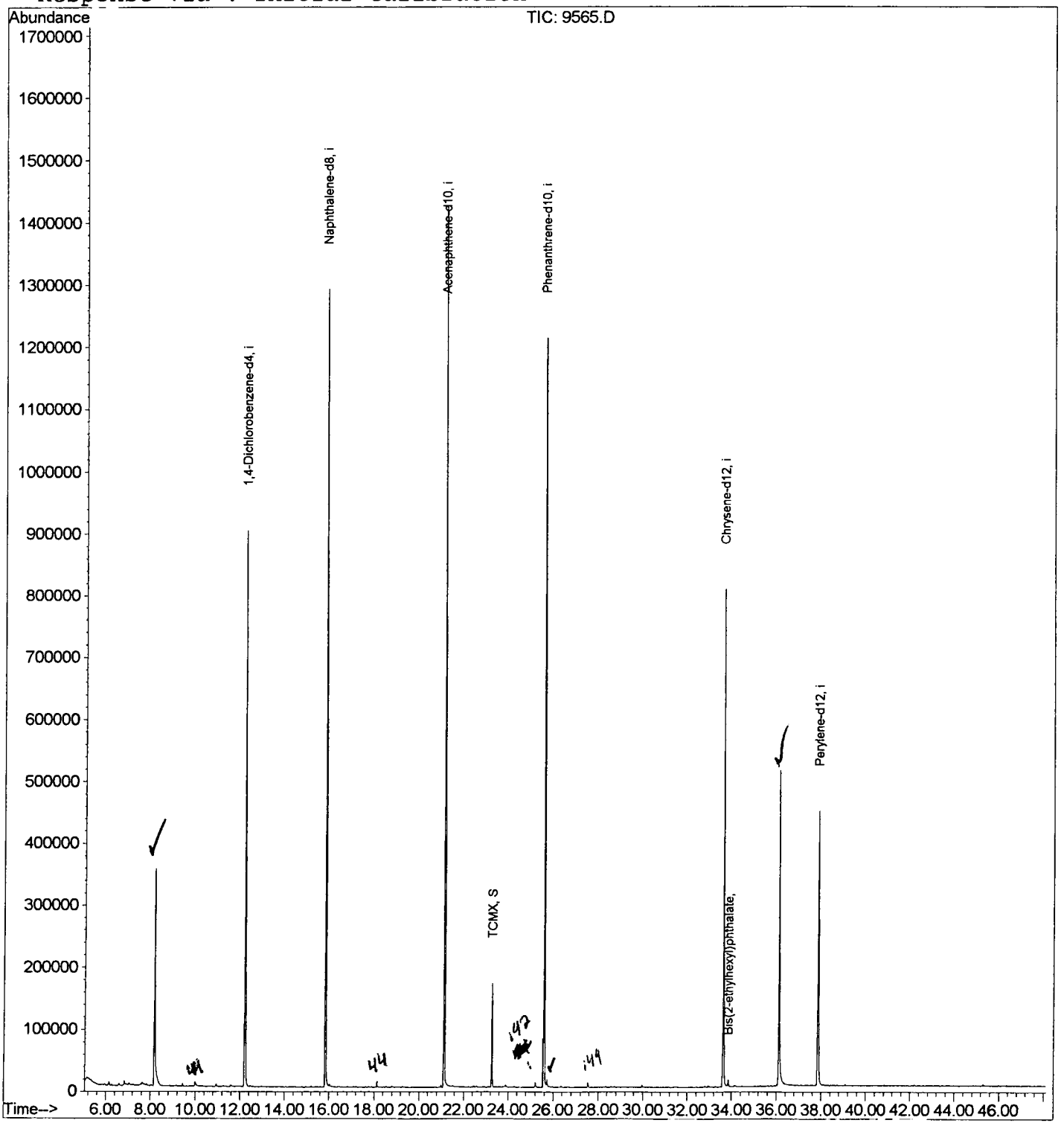
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.56	149	8034	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.63	228	1380	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	6535	0.45 ug/l	93
43)	Chrysene	33.63	228	1380	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	37.88	252	1459	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\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 1 11:42 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

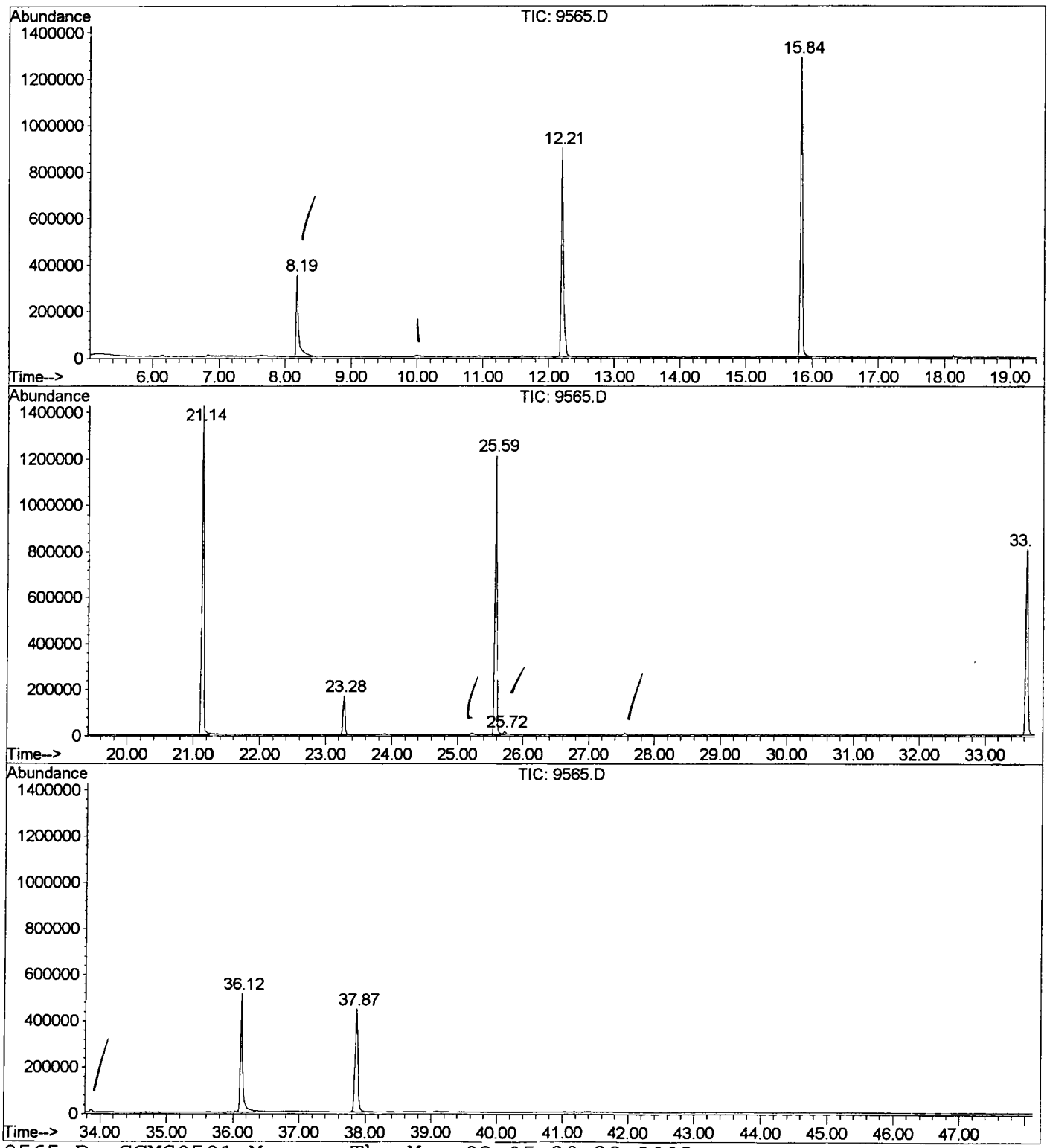
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.185	339	343	374	rVB	349888	879359	30.11%	5.484%
2	12.208	776	782	794	rBV	896825	2101377	71.95%	13.104%
3	15.837	1172	1178	1196	rBV	1286886	2671315	91.46%	16.659%
4	21.142	1751	1757	1769	rBV	1421922	2920759	100.00%	18.214%
5	23.277	1982	1990	1996	rBV	168338	339533	11.62%	2.117%
6	25.587	2235	2242	2253	rBV2	1208242	2709099	92.75%	16.894%
7	25.724	2253	2257	2263	rVB	12348	30177	1.03%	0.188%
8	33.641	3114	3121	3134	rBV2	803427	1843288	63.11%	11.495%
9	36.125	3386	3392	3415	rBV	509026	1258557	43.09%	7.848%
10	37.866	3575	3582	3597	rBV2	442277	1282257	43.90%	7.996%

Sum of corrected areas: 16035721

9565.D GCMS0501.M Thu May 02 05:30:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9565.D
Operator :
Acquired : 1 May 2002 10:51 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/23
Misc Info :
Vial Number: 4
Quant File :GCMS0501.RES (RTE Integrator)



9565.D GCMS0501.M Thu May 02 05:30:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

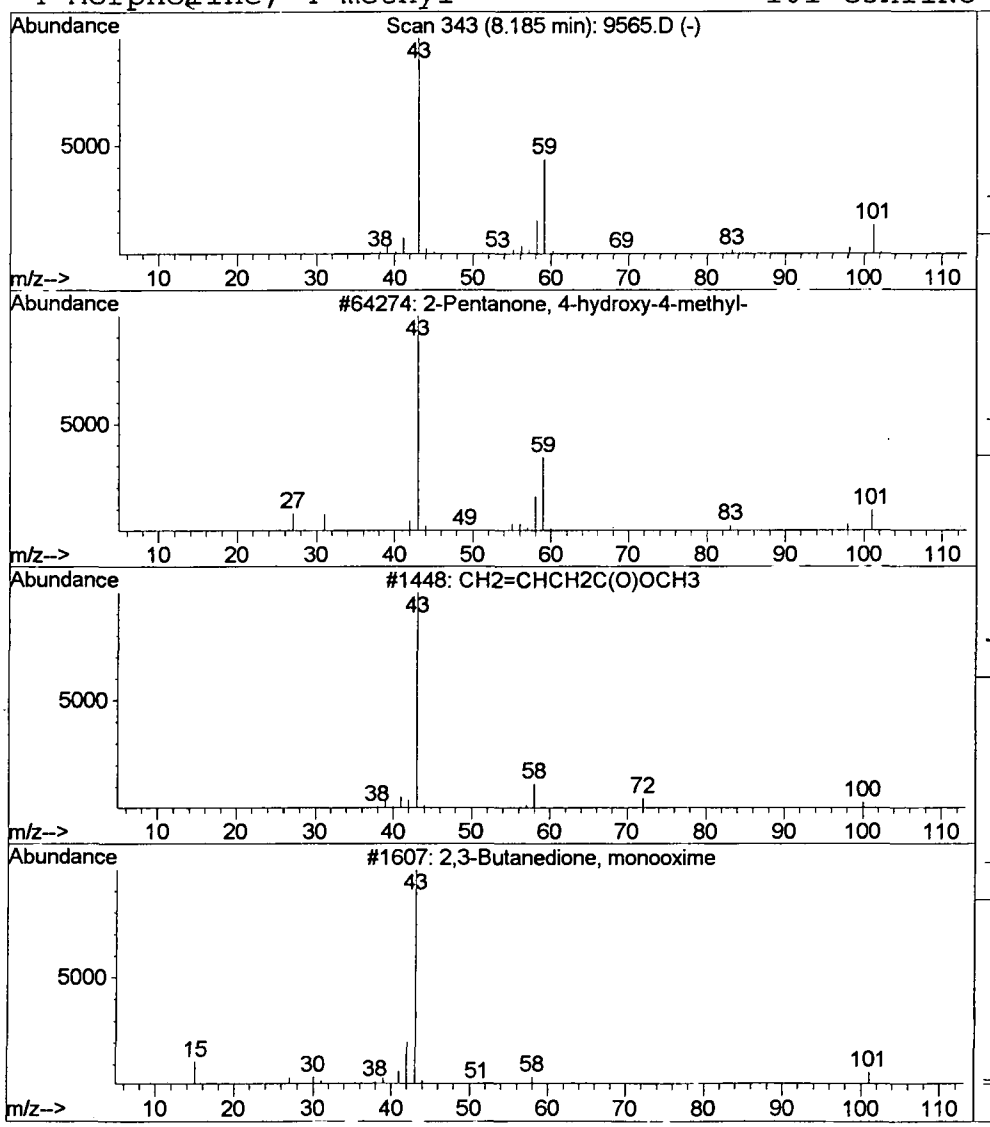
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

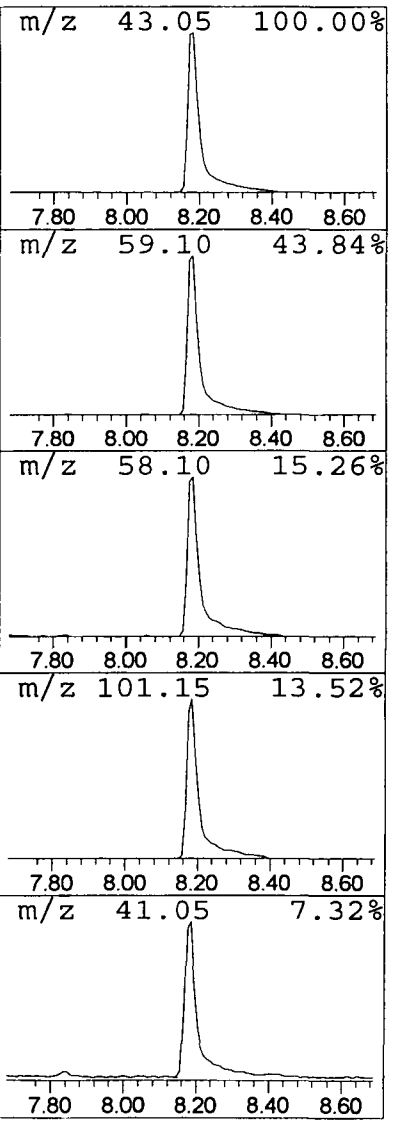
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	16.74 ug/l	879359	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	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

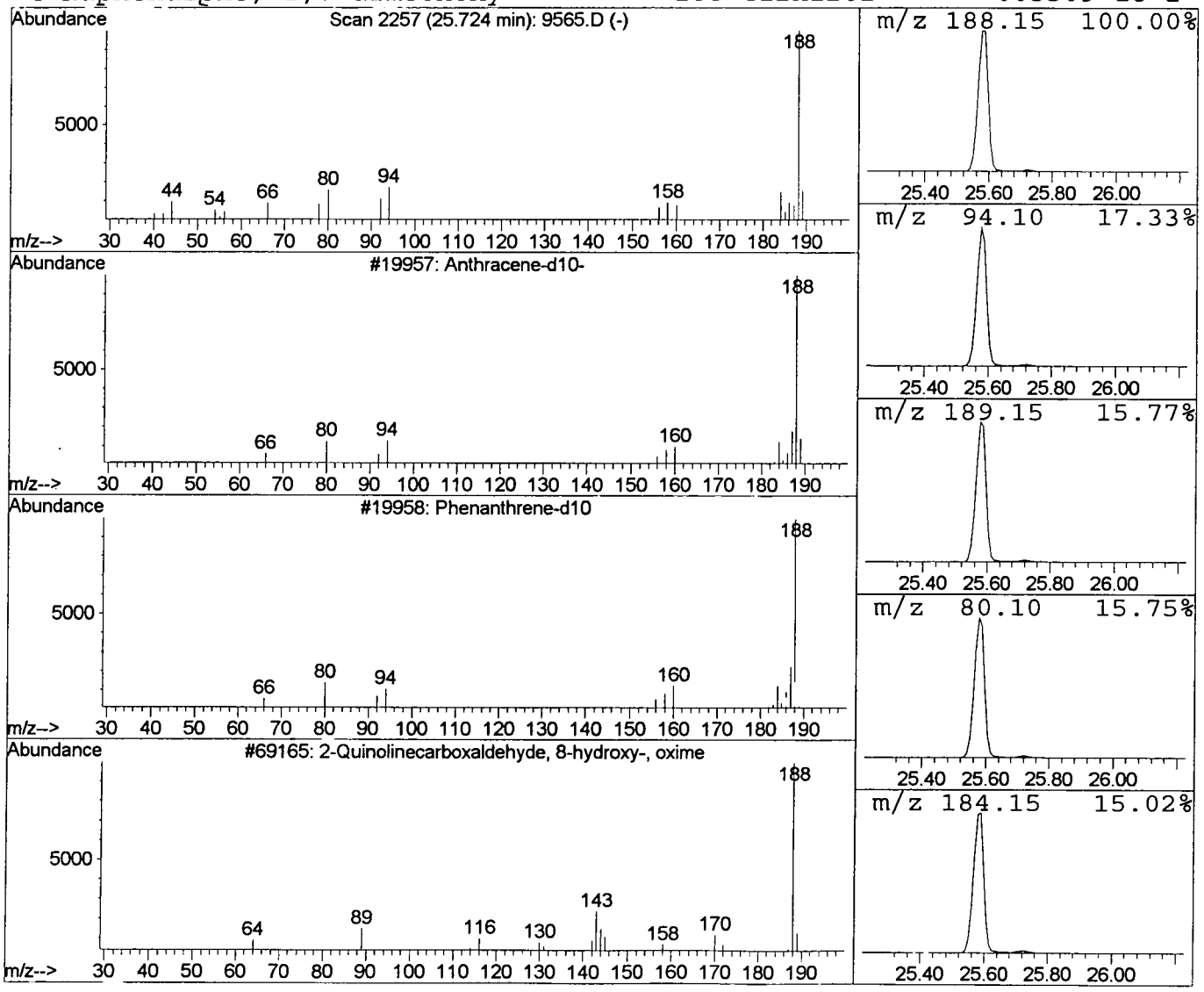
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.45 ug/l	30177	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	94
2	Phenanthrene-d10	188	C14D10	001517-22-2	91
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9565.D Vial: 4
Acq On : 1 May 2002 10:51 am Operator:
Sample : gc/ms scan 4/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

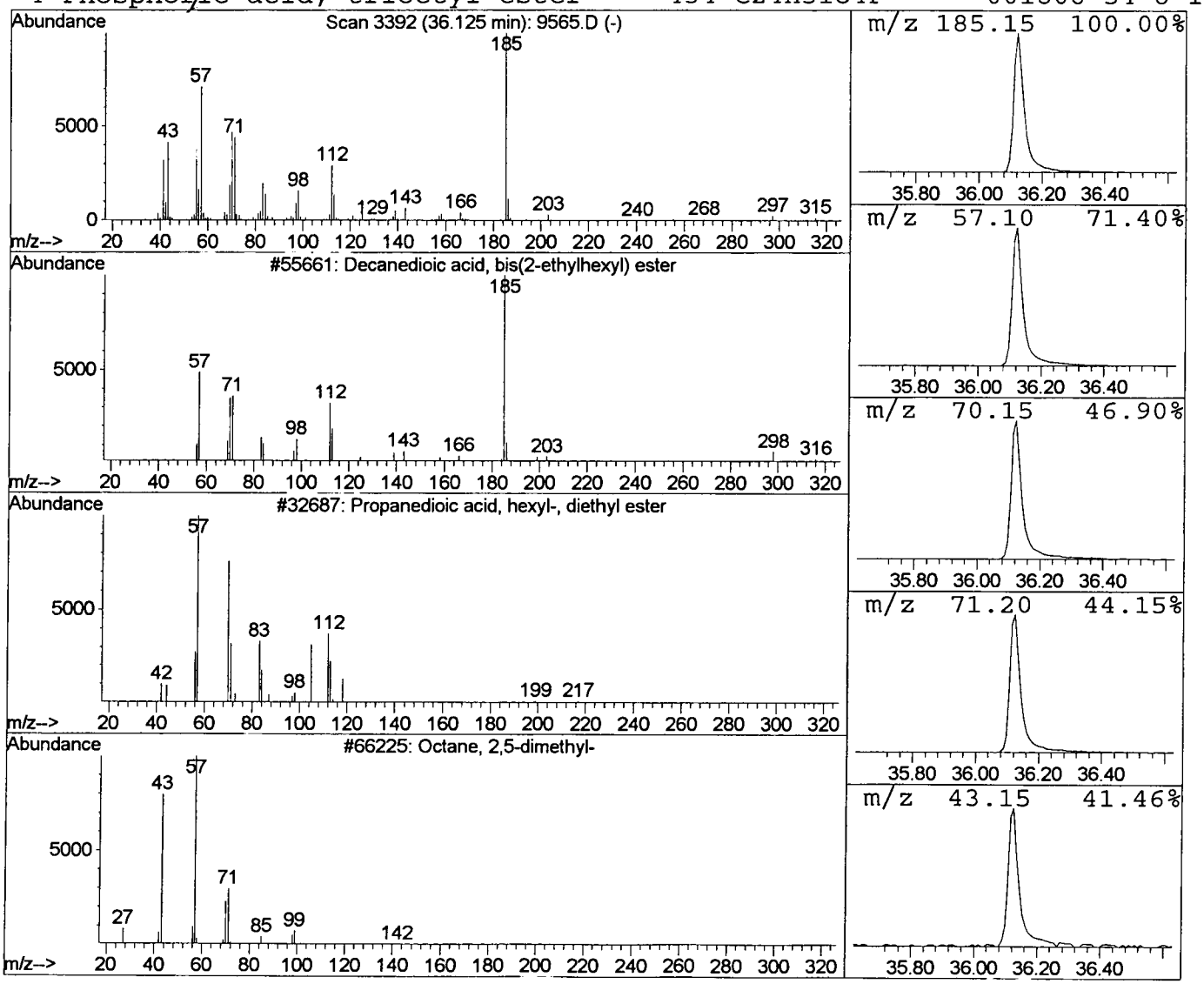
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.12	39.26 ug/l	1258560	Perylene-d12	37.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	74
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	35
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	22
4	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 10:51 am
Data File: C:\HPCHEM\1\DATA\MAY0102\9565.D
Name: gc/ms scan 4/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.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	16.7	ug/l	879359	ISTD01	12.21	2101380	40.0
Anthracene-d10-	25.72	0.4	ug/l	30177	ISTD04	25.59	2709100	40.0
Decanedioic acid, bi	36.12	39.3	ug/l	1258560	ISTD06	37.87	1282260	40.0

9565.D GCMS0501.M Thu May 02 05:30:42 2002