User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/07/2002 Time: 16:58:50

Sample: AE02598
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/7/02 16:58 Ended: 3/7/02 16:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		130		5.0

)mments for Sample AE02598 - Analysis $GCMS

'estchester Dept. of Labs & Research
ser: Vinci, David L
ate: 03-07-2002 Time: 16:58:54

ne GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual)mpounds. The recoveries for 2 of the 43 compounds in the LCS Standard were elow their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:21 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.31	152	300484	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	1159905	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.27	164	619958	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.72	188	888660	20.00	ug/l	-0.05
38) Chrysene-d12	33.79	240	596790	20.00	ug/l	-0.06
44) Perylene-d12	38.05	264	404342	20.00	ug/l	-0.07
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	60546	6.52	ug/mL	0.29
Spiked Amount 5.000			Recovery = 130.40%			
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	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:21 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

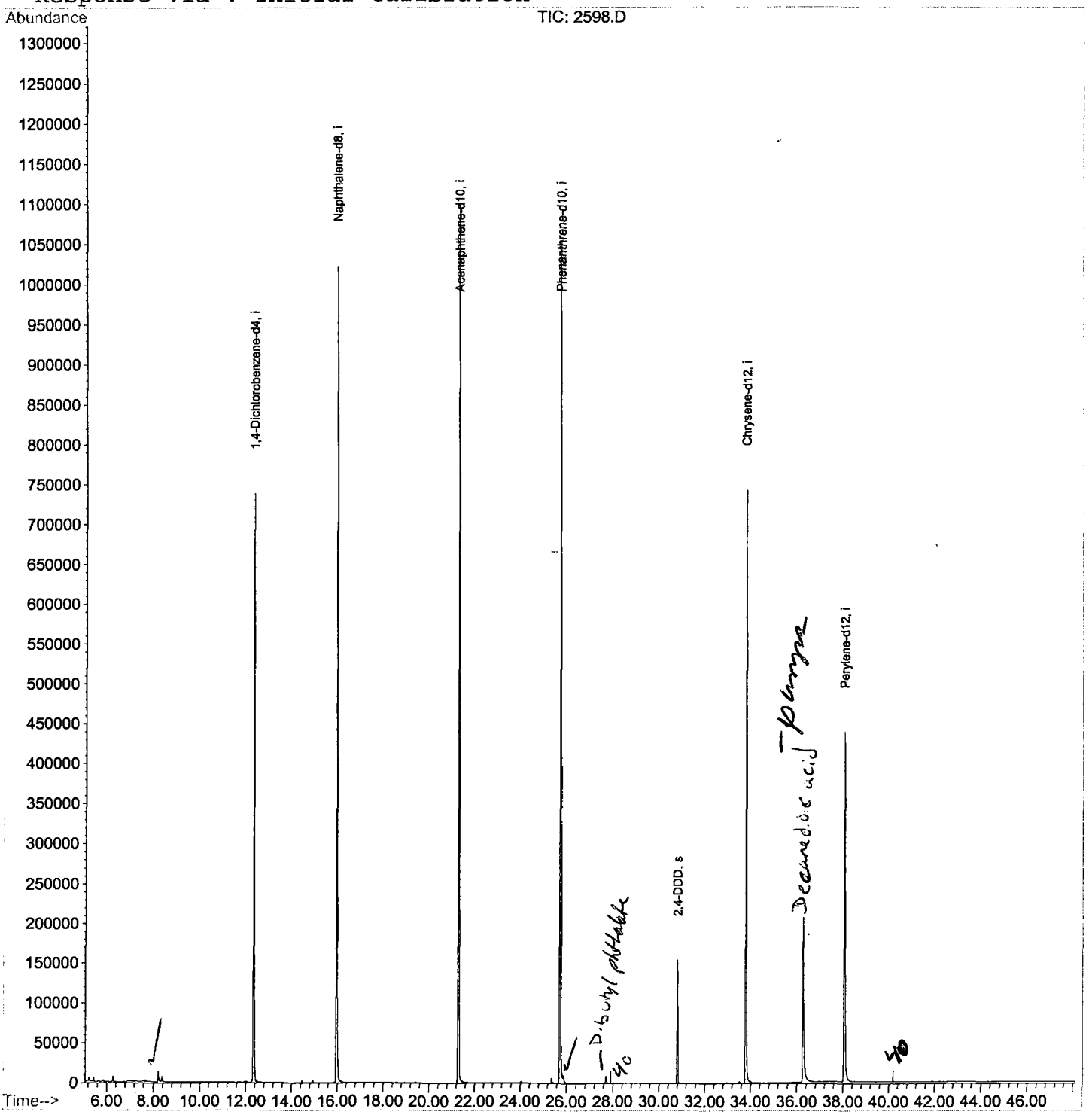
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.72	178	285	N.D.	
34)	Anthracene	25.72	178	285	N.D.	
35)	Di-n-butylphthalate	27.68	149	14378	N.D.	
36)	Fluoranthene	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	33.79	228	1462	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.00	149	1249	N.D.	
43)	Chrysene	33.79	228	1462	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	38.05	252	1344	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\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 4 11:21 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

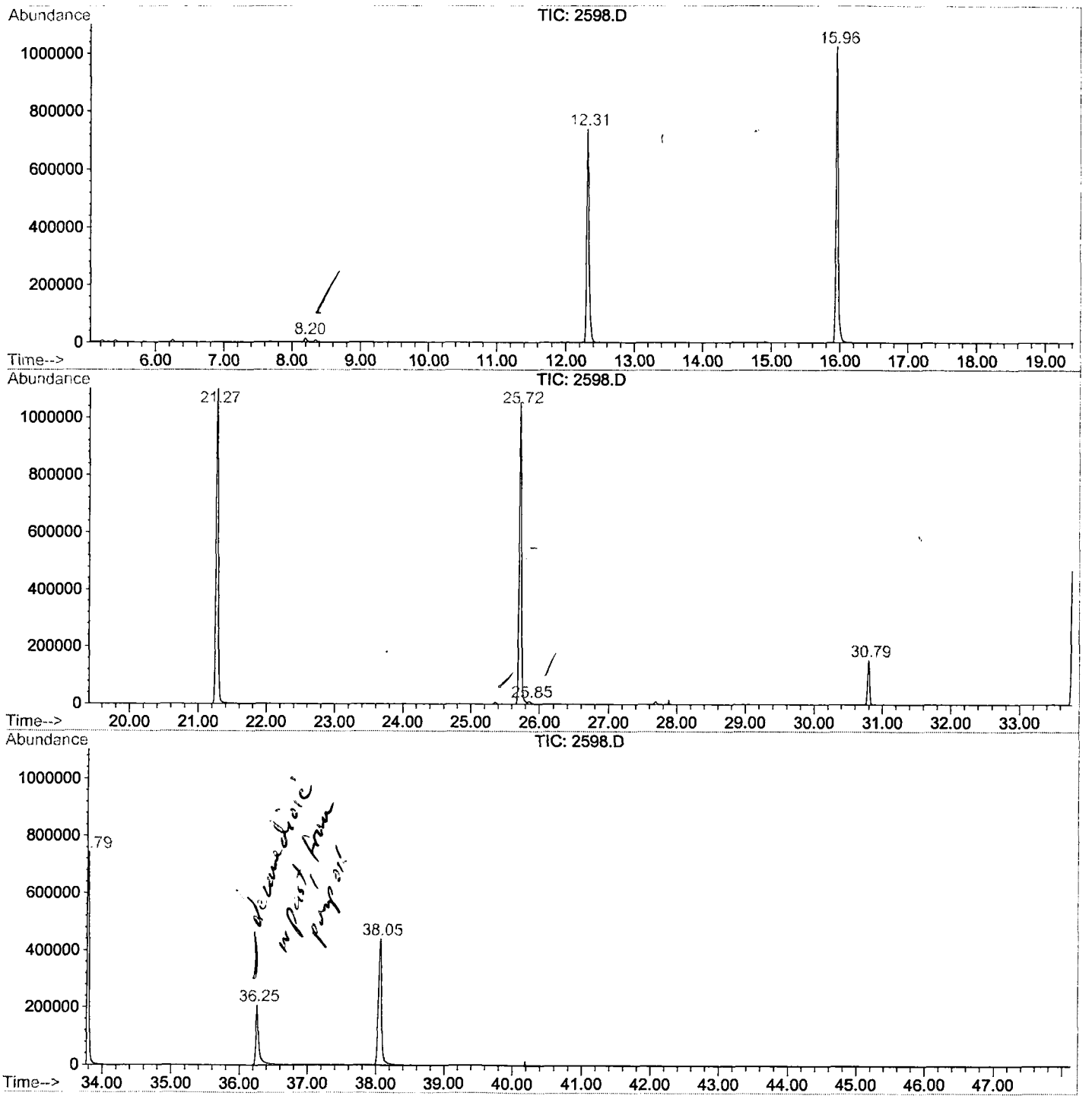
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.200	339	344	352	rBV	13229	32263	1.32%	0.251%
2	12.313	787	792	808	rVB	737437	1689407	69.24%	13.152%
3	15.957	1183	1189	1207	rBV	1022460	2243934	91.96%	17.470%
4	21.273	1761	1768	1780	rBV	1100360	2439996	100.00%	18.996%
5	25.716	2245	2252	2263	rBV2	1053337	2316352	94.93%	18.033%
6	25.854	2264	2267	2277	rVB2	9159	28390	1.16%	0.221%
7	30.793	2800	2805	2814	rVB	154409	310551	12.73%	2.418%
8	33.785	3124	3131	3151	rBV2	742119	1787474	73.26%	13.916%
9	36.255	3395	3400	3424	rBV	206144	596543	24.45%	4.644%
10	38.054	3588	3596	3613	rBV2	436620	1399900	57.37%	10.899%

Sum of corrected areas: 12844810

2598.D GCMS0208.M Mon Mar 04 11:42:14 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\2598.D
Operator :
Acquired : 1 Mar 2002 3:14 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 8
Quant File :GCMS0208.RES (RTE Integrator)



2598.D GCMS0208.M Mon Mar 04 11:42:21 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

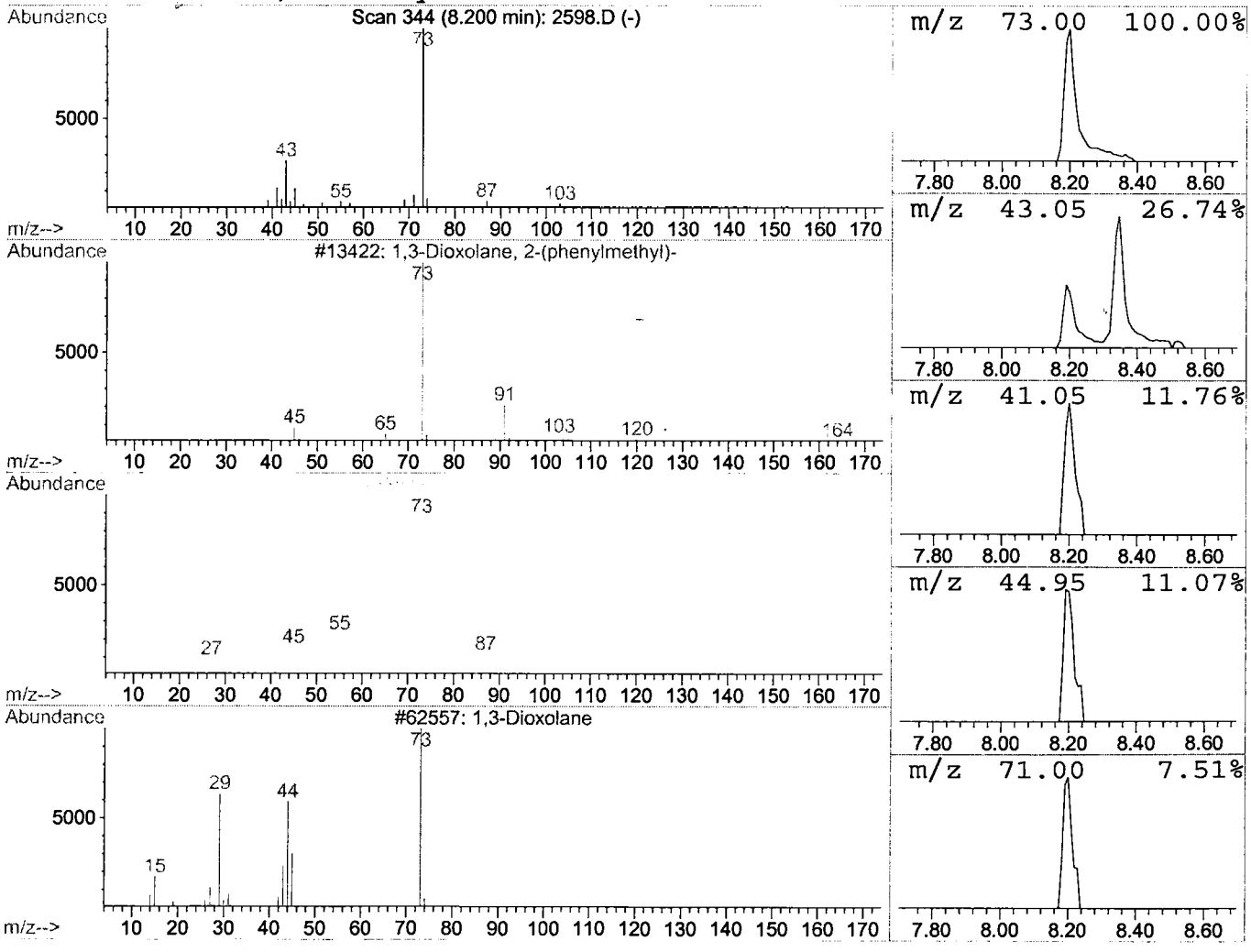
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-(phenylmethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.38 ug/l	32263	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(phenylmethyl)-	164	C10H12O2	000101-49-5	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

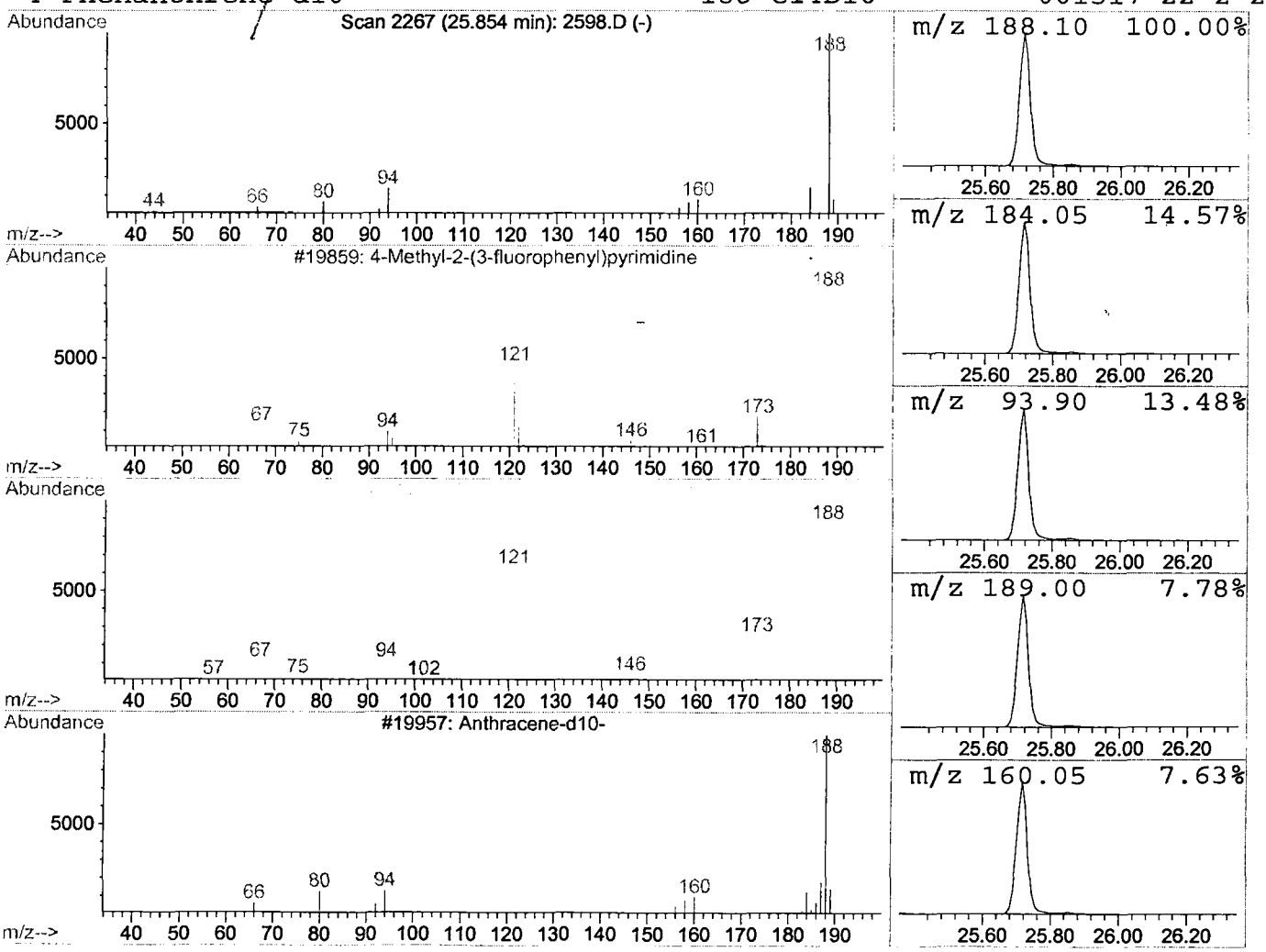
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 4-Methyl-2-(3-fluorophenyl)pyr Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.25 ug/l	28390	Phenanthrene-d10	25.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	45
2	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	45
3	Anthracene-d10-	188	C14D10	001719-06-8	43
4	Phenanthrene-d10	188	C14D10	001517-22-2	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\2598.D Vial: 8
Acq On : 1 Mar 2002 3:14 pm Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

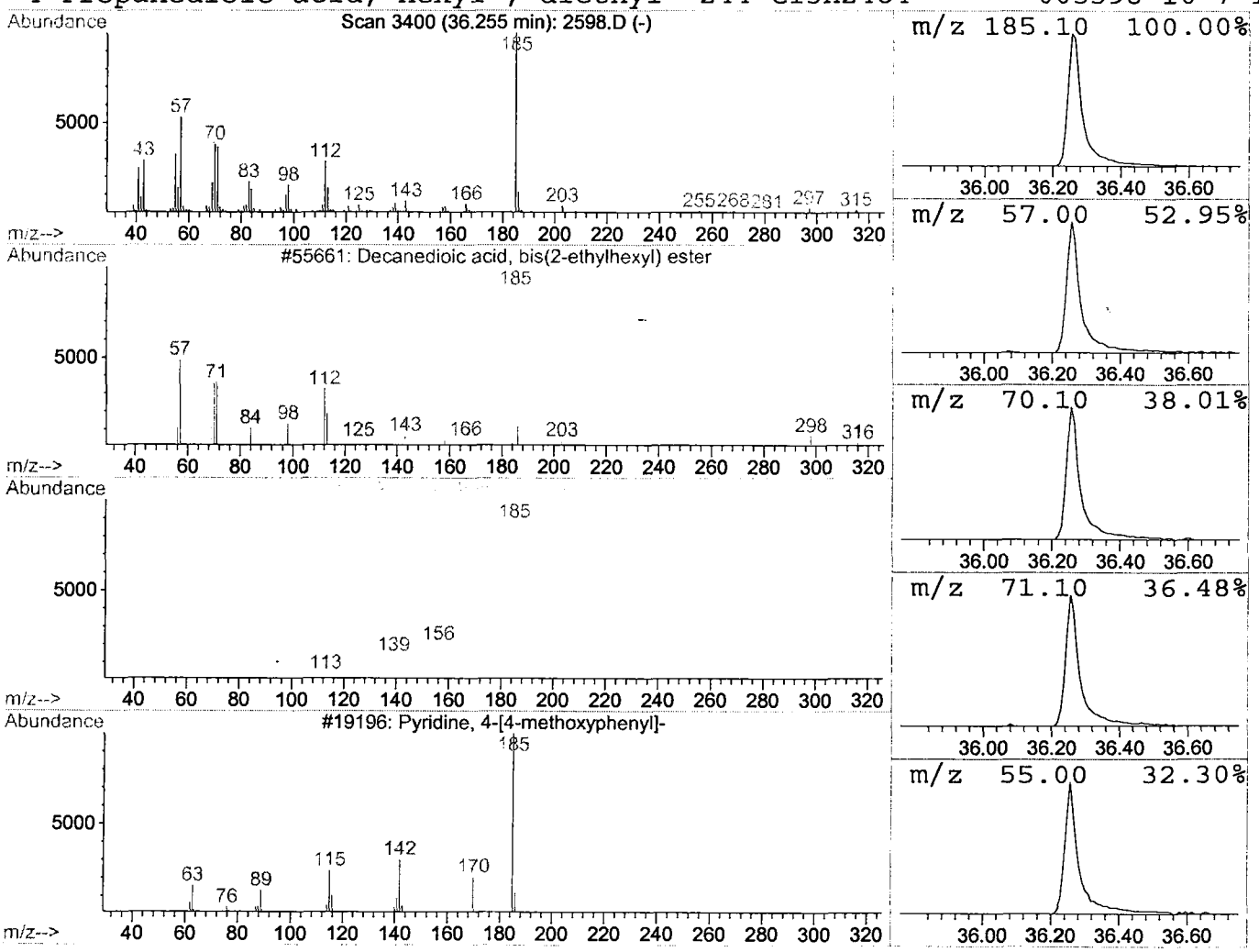
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.25	8.52 ug/l	596543	Perylene-d12	38.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	91
2	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	35
3	Pyridine, 4-[4-methoxyphenyl]-	185	C12H11NO	000000-00-0	17
4	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	14



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Mar 2002 3:14 pm
Data File: C:\HPCHEM\1\DATA\MAR0102\2598.D
Name: gc/ms scan 2/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
1,3-Dioxolane, 2-(ph	8.20	0.4	ug/l	32263	ISTD01	12.31	1689410	20.0
4-Methyl-2-(3-fluoro	25.85	0.2	ug/l	28390	ISTD04	25.72	2316350	20.0
Decanedioic acid, bi	36.25	8.5	ug/l	596543	ISTD06	38.05	1399900	20.0

2598.D GCMS0208.M Mon Mar 04 11:42:40 2002