User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:19:53

Sample: AE04130
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 12:19 Ended: 4/1/02 12:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		5.0

Comments for Sample AE04130 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:19:57

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for compounds in the LCS Standard were high. New recovery limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4130.D Vial: 26
Acq On : 23 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:52 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	405146	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1577159	20.00	ug/l	-0.09
17) Acenaphthene-d10	21.21	164	864798	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.65	188	1265938	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	746287	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	436553	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.73	235	73823	~~7.12~~ 4.00	ug/mL	0.23
Spiked Amount 5.000			Recovery =	~~142.40%~~ 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	15.96	128	364	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	22.69	149	508	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\MAR2202\4130.D Vial: 26
Acq On : 23 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:52 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

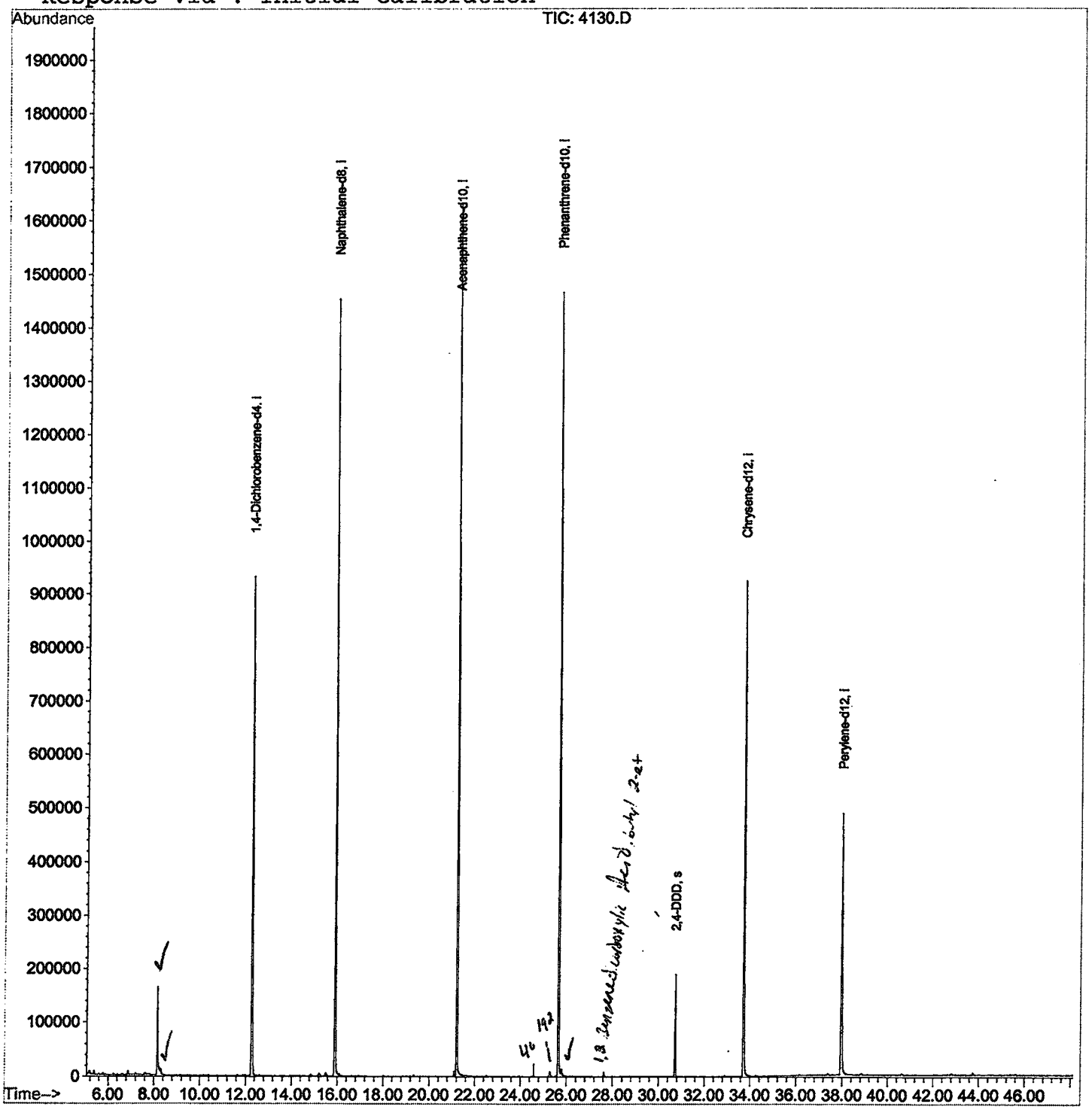
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.66	178	213	N.D.	
34)	Anthracene	25.66	178	213	N.D.	
35)	Di-n-butylphthalate	27.63	149	11163	N.D.	
36)	Fluoranthene	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	33.72	228	1734	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.92	149	572	N.D.	
43)	Chrysene	33.72	228	1734	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.85	252	190	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	190	N.D.	
48)	Benzo(a)pyrene	37.97	252	1796	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\MAR2202\4130.D Vial: 26
Acq On : 23 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:52 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4130.D Vial: 26
Acq On : 23 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

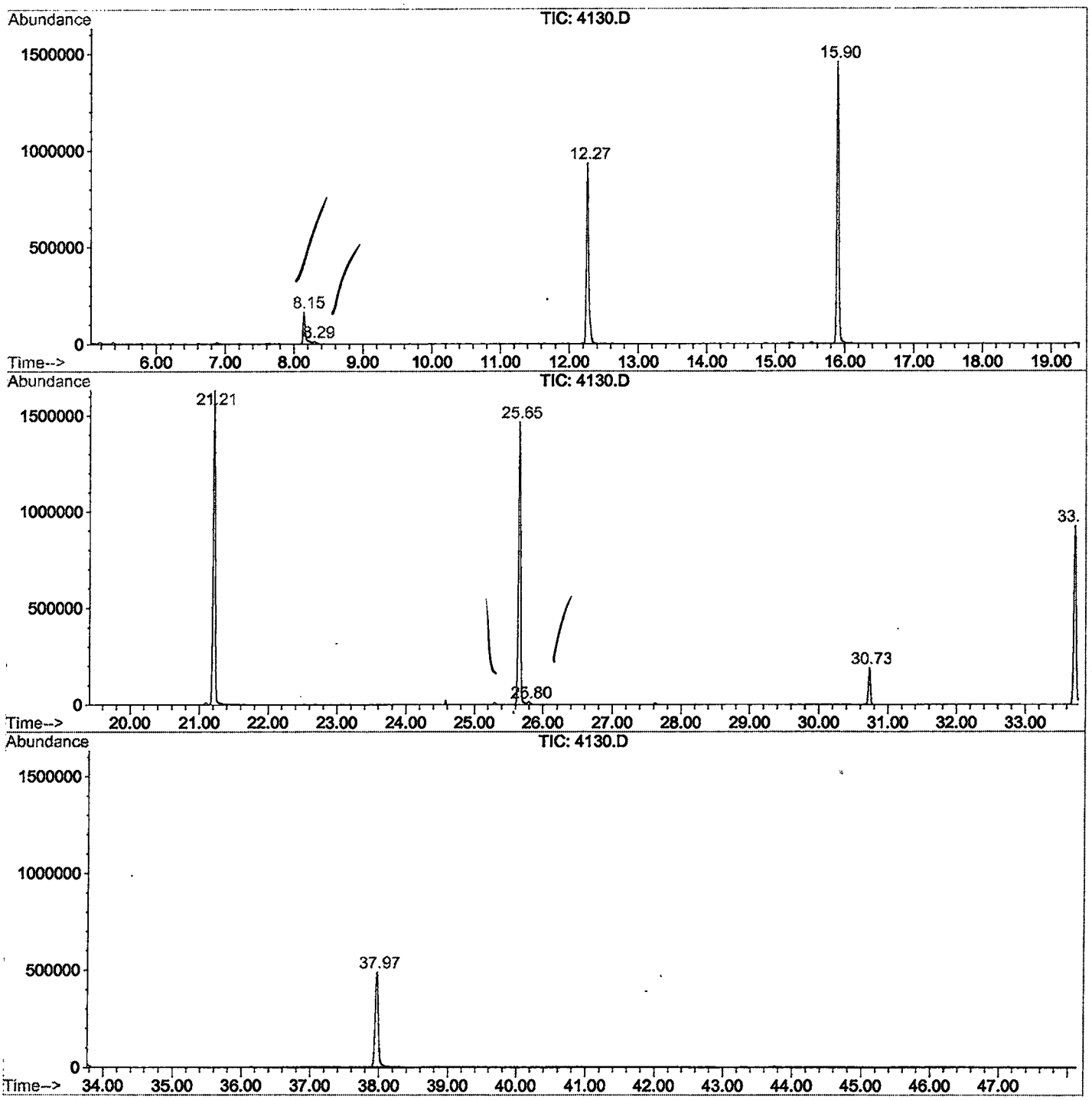
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.146	333	338	351	rBV	163767	386801	11.61%	2.384%
2	8.293	351	354	365	rVB	11683	34364	1.03%	0.212%
3	12.268	781	787	804	rVB	931679	2217548	66.57%	13.666%
4	15.903	1177	1183	1196	rBV	1453204	2974833	89.31%	18.332%
5	21.209	1755	1761	1781	rBV	1632554	3331080	100.00%	20.528%
6	25.653	2239	2245	2256	rBV2	1465755	3199262	96.04%	19.716%
7	25.799	2256	2261	2269	rVB	12344	36197	1.09%	0.223%
8	30.729	2793	2798	2808	rVB	189322	368639	11.07%	2.272%
9	33.722	3117	3124	3140	rBV	923480	2182900	65.53%	13.452%
10	37.973	3578	3587	3602	rBV2	486047	1495503	44.90%	9.216%

Sum of corrected areas: 16227127

4130.D GCMS0308.M Wed Mar 27 10:07:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4130.D
Operator :
Acquired : 23 Mar 2002 8:43 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 26
Quant File :GCMS0308.RES (RTE Integrator)



4130.D GCMS0308.M Wed Mar 27 10:07:47 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4130.D
Acq On : 23 Mar 2002 8:43 pm
Sample : gc/ms scan 2/25
Misc :
MS Integration Params: LSCINT.P

Vial: 26
Operator:
Inst : GC/MS 209
Multiplr: 1.00

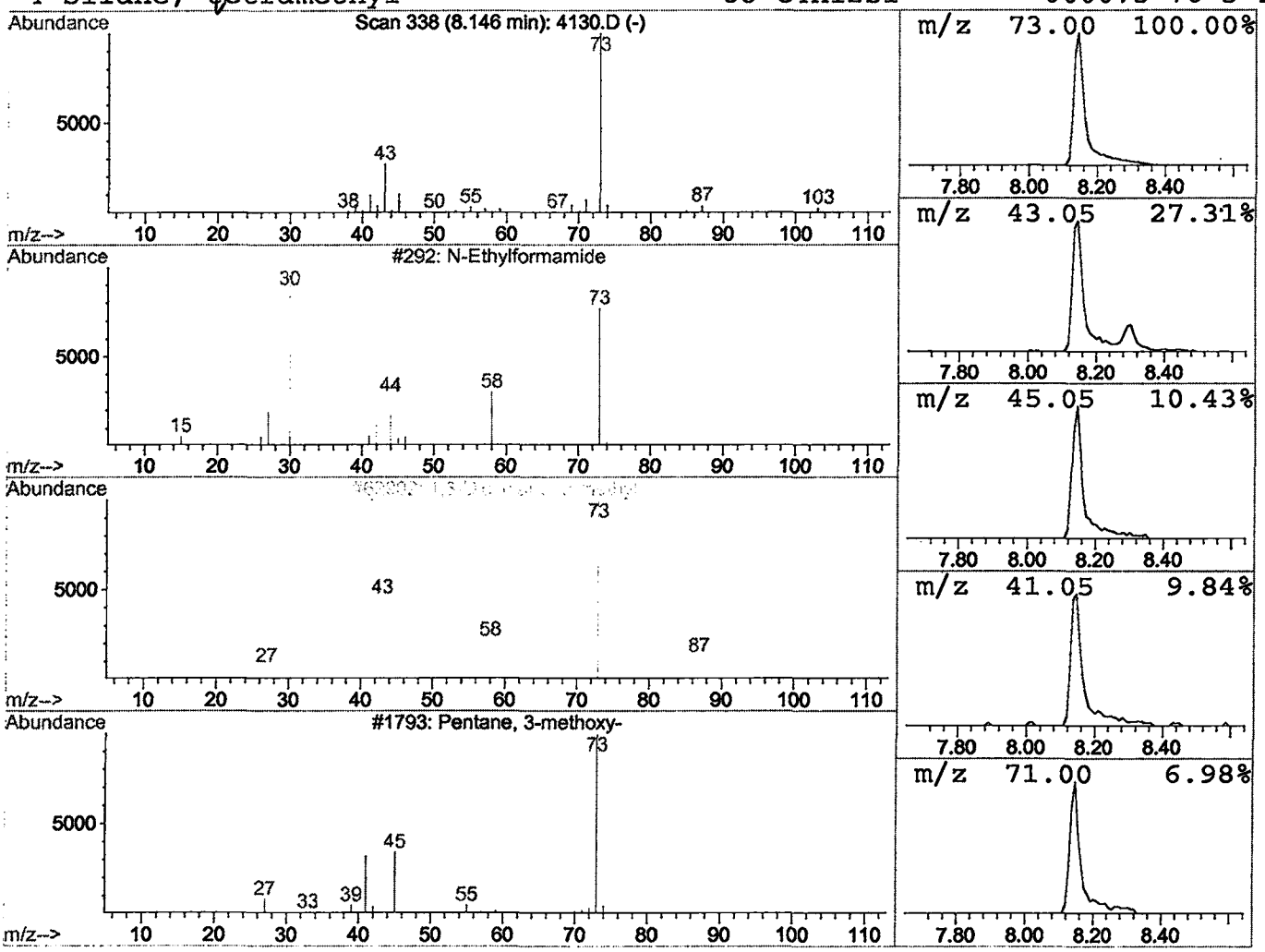
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	3.49 ug/l	386801	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4130.D
Acq On : 23 Mar 2002 8:43 pm
Sample : gc/ms scan 2/25
Misc :
MS Integration Params: LSCINT.P

Vial: 26
Operator:
Inst : GC/MS 209
Multiplr: 1.00

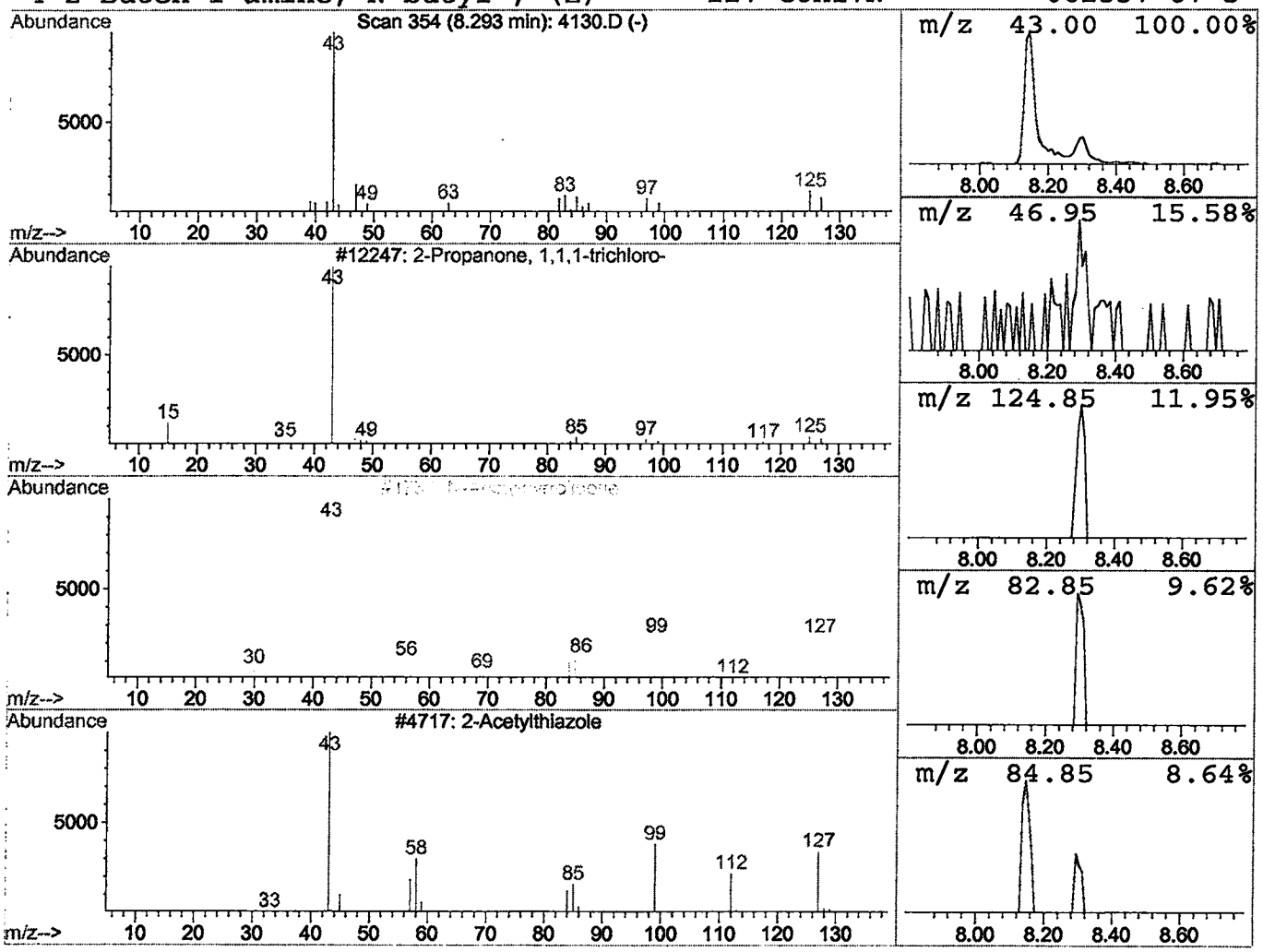
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	0.31 ug/l	34364	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
4	2-Buten-1-amine, N-butyl-, (Z)-	127	C8H17N	062337-87-5	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4130.D Vial: 26
Acq On : 23 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

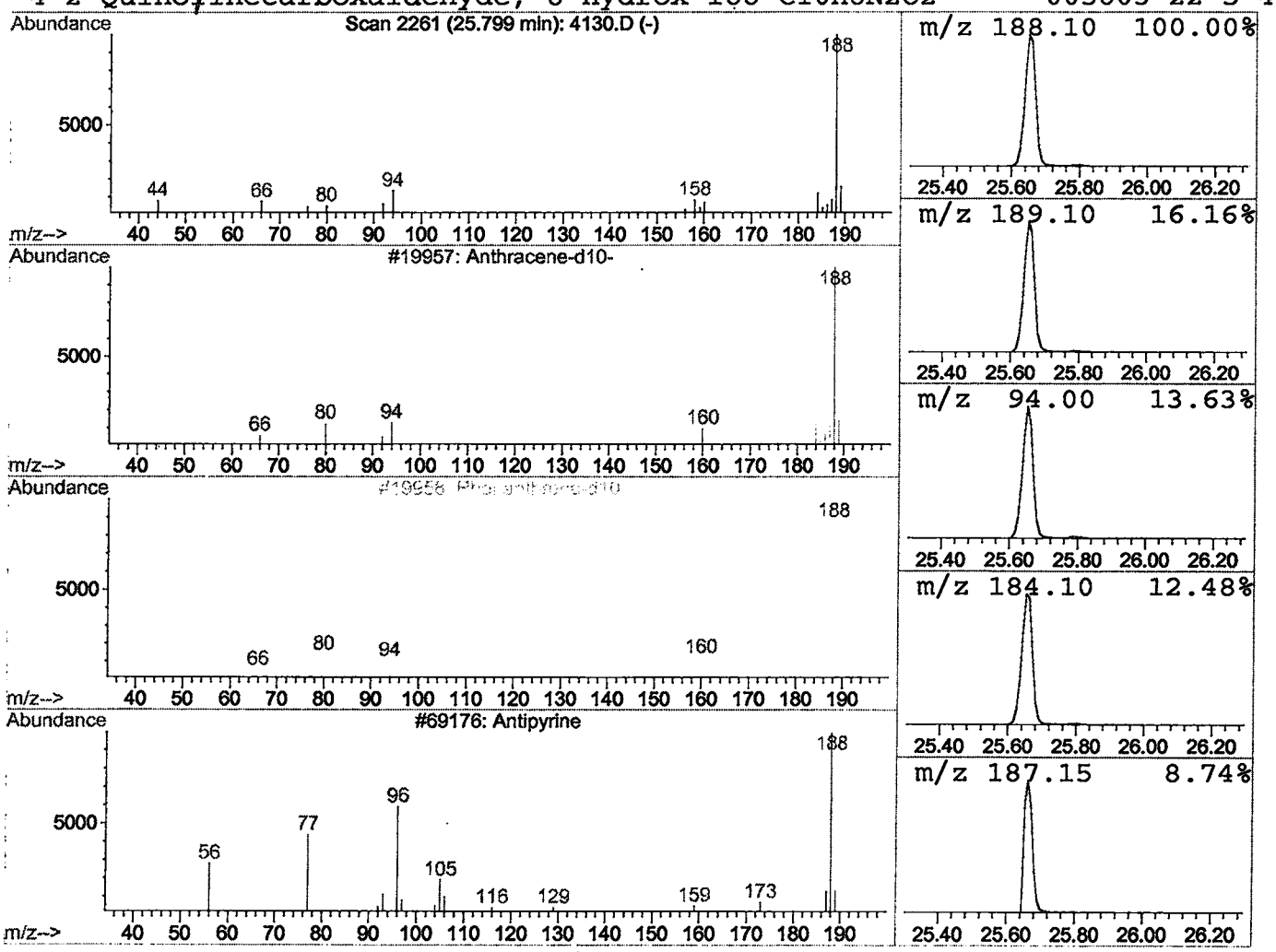
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.80	0.23 ug/l	36197	Phenanthrene-d10	25.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Antipyrine	188	C11H12N2O	000060-80-0	53
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	42



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 8:43 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4130.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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
N-Ethylformamide	8.15	3.5	ug/l	386801	ISTD01	12.27	2217550	20.0
2-Propanone, 1,1,1-t	8.29	0.3	ug/l	34364	ISTD01	12.27	2217550	20.0
Anthracene-d10-	25.80	0.2	ug/l	36197	ISTD04	25.65	3199260	20.0

4130.D GCMS0308.M Wed Mar 27 10:08:04 2002