

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 15:40:48

Sample: AE05700

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 4/9/02 15:40 Ended: 4/9/02 15:40 Analyst: DLV

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		95		5.0

Comments for Sample AE05700 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-09-2002 Time: 15:41:18

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\APR0102\5700.D

Vial: 15

Acq On : 2 Apr 2002 2:08 am

Operator:

Sample : gc/ms scan 3/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 2 2:57 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 29 10:31:28 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	521439	20.00	ug/l	-0.10
10) Naphthalene-d8	15.89	136	1922036	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1079298	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1510902	20.00	ug/l	-0.13
38) Chrysene-d12	33.70	240	753592	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	423784	20.00	ug/l	-0.19

System Monitoring Compounds

37) 2,4-DDD	30.71	235	71625	4.73	ug/mL	0.21
Spiked Amount	5.000		Recovery	=	94.60%	

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	21.45	165	197	N.D.
25) Diethylphthalate	22.68	149	1492	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

5700.D GCMS0403.M Thu Apr 04 13:49:24 2002

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5700.D

Vial: 15

Acq On : 2 Apr 2002 2:08 am

Operator:

Sample : gc/ms scan 3/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 2 2:57 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 29 10:31:28 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	25.63	178	321	N.D.		
34) Anthracene	25.63	178	321	N.D.		
35) Di-n-butylphthalate	27.60	149	15527	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	32.13	149	107	N.D.		
41) Benzo(a)anthracene	33.70	228	1723	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.91	149	6097	N.D.		
43) Chrysene	33.70	228	1723	N.D.		
45) Di-n-Octylphthalate	35.66	149	248	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	37.93	252	1617	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

5700.D GCMS0403.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0102\5700.D

Vial: 15

Acq On : 2 Apr 2002 2:08 am

Operator:

Sample : gc/ms scan 3/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 2 2:57 2002

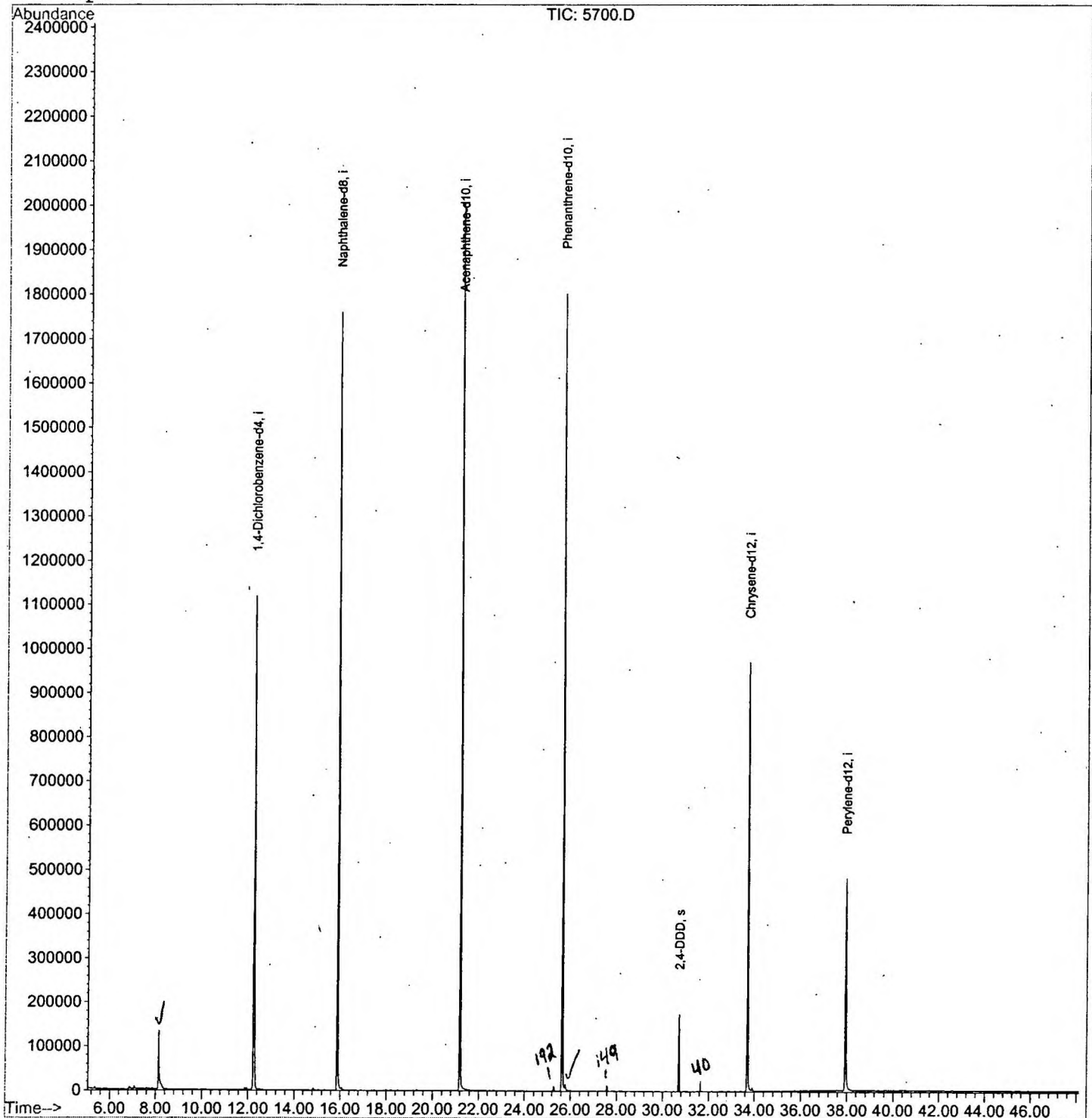
Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu Apr 04 09:06:35 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5700.D

Vial: 15

Acq On : 2 Apr 2002 2:08 am

Operator:

Sample : gc/ms scan 3/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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	8.128	332	336	363	rBV	131657	375761	9.12%	2.004%
2	12.250	779	785	802	rVB	1116803	2820584	68.47%	15.043%
3	15.885	1175	1181	1198	rBV	1759974	3630909	88.14%	19.365%
4	21.192	1752	1759	1777	rBV	2005996	4119620	100.00%	21.971%
5	25.635	2236	2243	2254	rBV2	1801614	3791499	92.04%	20.221%
6	25.773	2254	2258	2270	rVB2	13612	42885	1.04%	0.229%
7	30.712	2791	2796	2807	rVB	175262	351134	8.52%	1.873%
8	33.695	3114	3121	3135	rBV	971255	2186431	53.07%	11.661%
9	37.937	3575	3583	3600	rBV2	479478	1431281	34.74%	7.633%

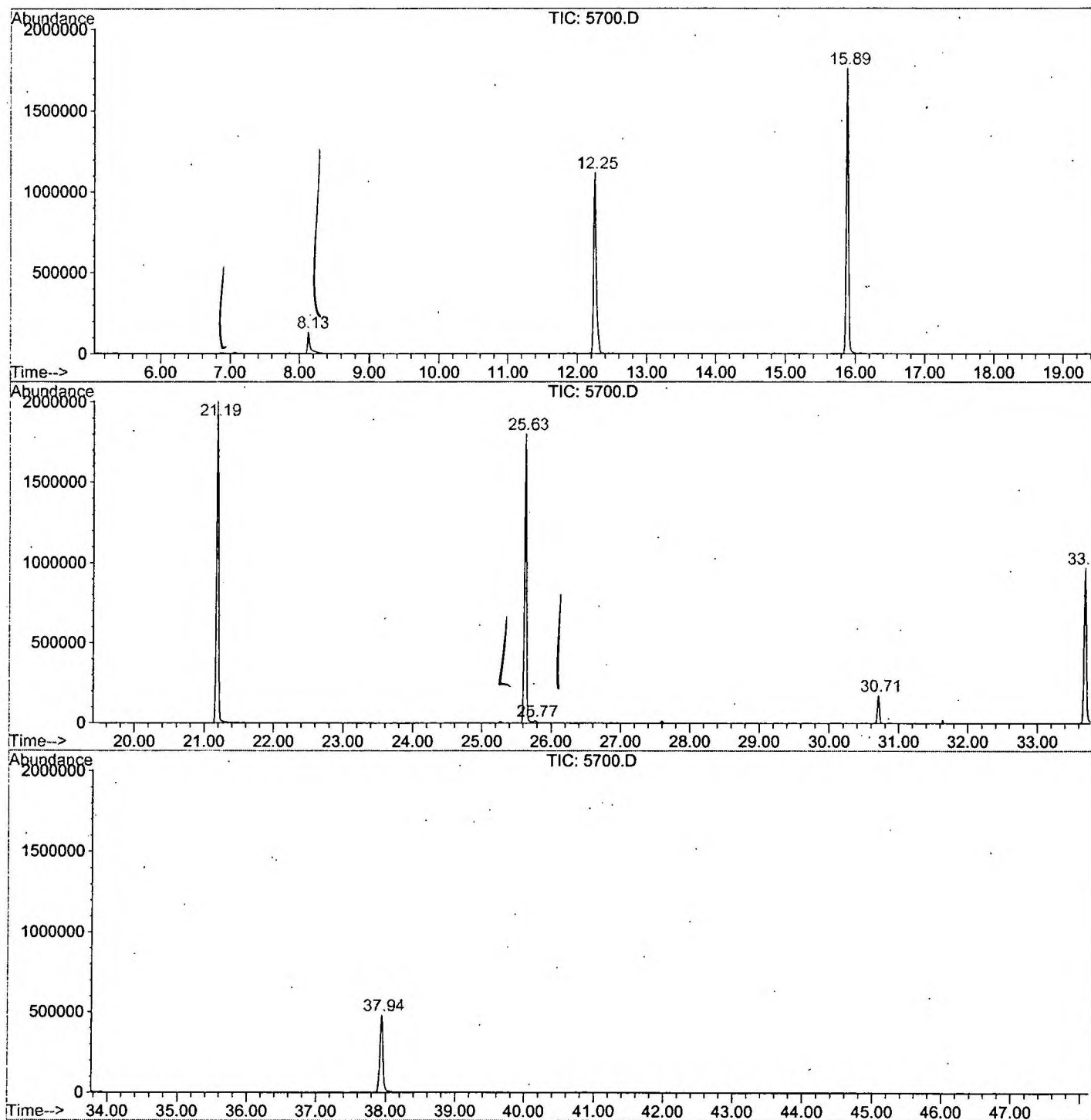
Sum of corrected areas: 18750104

5700.D GCMS0403.M

Thu Apr 04 13:59:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5700.D
 Operator :
 Acquired : 2 Apr 2002 2:08 am using AcqMethod GCMS0308
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 3/11
 Misc Info :
 Vial Number: 15
 Quant File :GCMS0308.RES (RTE Integrator)



5700.D GCMS0403.M

Thu Apr 04 13:59:52 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5700.D
Acq On : 2 Apr 2002 2:08 am
Sample : gc/ms scan 3/11
Misc :
MS Integration Params: LSCINT.P

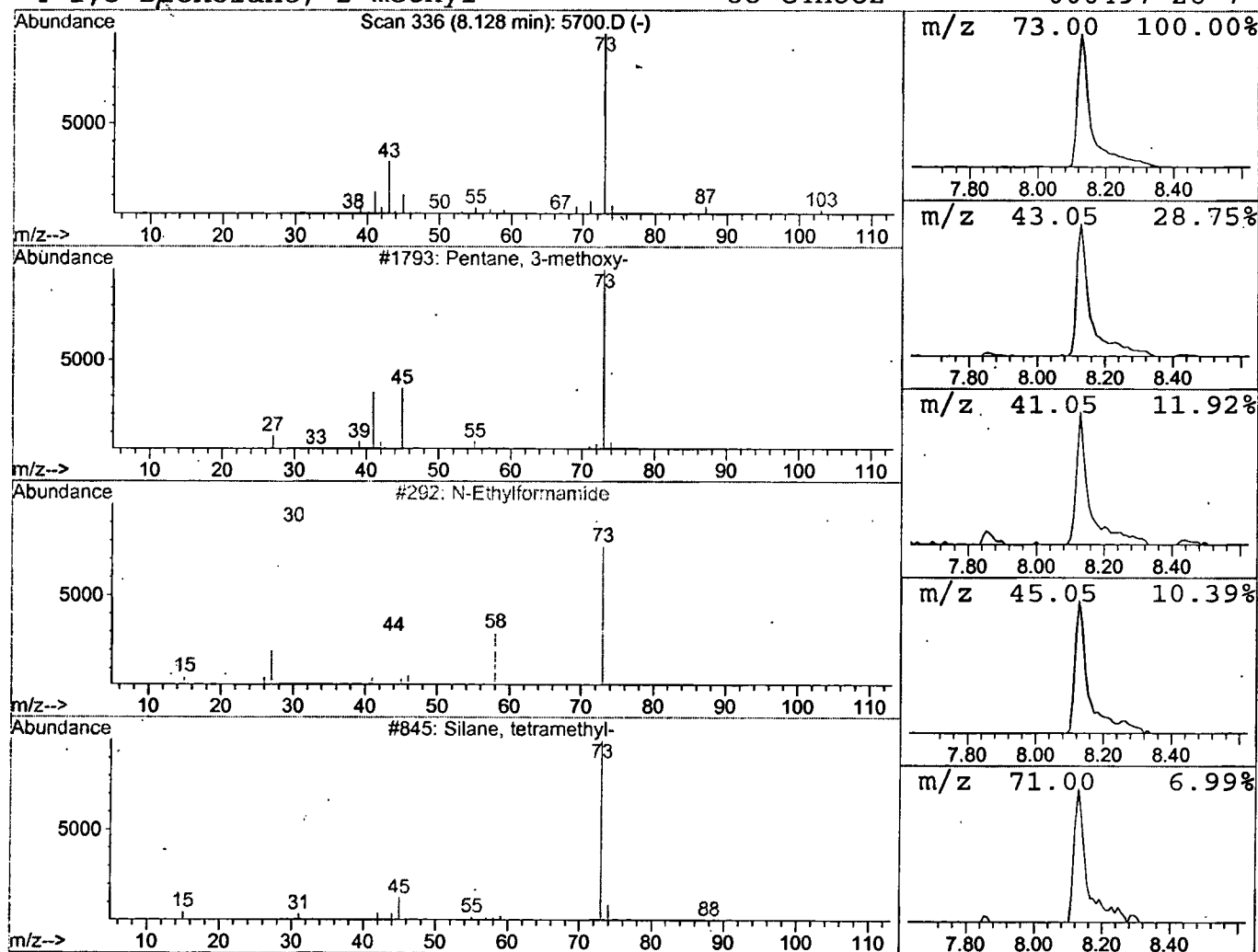
Vial: 15
Operator:
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 1 Pentane, 3-methoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	2.66 ug/l	375761	1,4-Dichlorobenzene-d4	12.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methoxy-			102	C6H14O	036839-67-5	25
2	N-Ethylformamide			73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-			88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-			88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5700.D
Acq On : 2 Apr 2002 2:08 am
Sample : gc/ms scan 3/11
Misc :
MS Integration Params: LSCINT.P

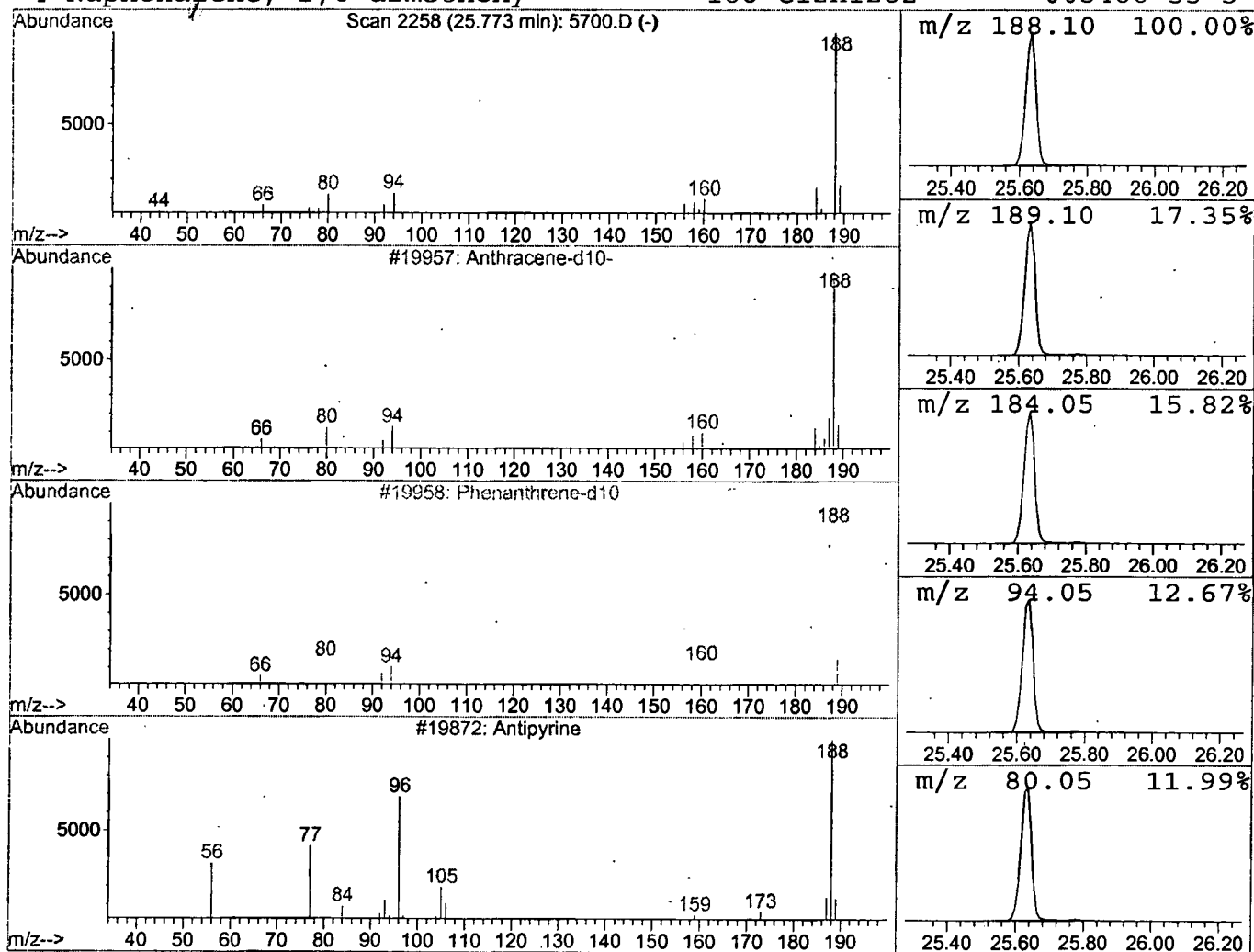
Vial: 15
Operator:
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	0.23 ug/l	42885	Phenanthrene-d10	25.64

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			Antipyrine	188	C11H12N2O	000060-80-0	42
4			Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 2:08 am
Data File: C:\HPCHEM\1\DATA\APR0102\5700.D
Name: gc/ms scan 3/11
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
Pentane, 3-methoxy-	8.13	2.7	ug/l	375761	ISTD01	12.25	2820580	20.0
Anthracene-d10-	25.77	0.2	ug/l	42885	ISTD04	25.64	3791500	20.0

5700.D GCMS0403.M Thu Apr 04 14:00:05 2002