User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 10:33:39

Sample: AE05053
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 10:33 Ended: 4/9/02 10:33 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		86		5.0

Comments for Sample AE05053 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 10:33:44

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\MAR3002\5053.D Vial: 29
Acq On : 30 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 21:32 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	452650	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	1664660	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	923662	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1293645	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	621761	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	342703	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	79739	~~6.14~~ 4.32	ug/mL	0.21
Spiked Amount 5.000			Recovery =	~~122.80%~~ 86.36%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.50	74	308	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	15.94	128	526	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	21.48	165	370	N.D.		
25) Diethylphthalate	22.67	149	642	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

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Response via : Initial Calibration
DataAcq Meth : GCMS0308

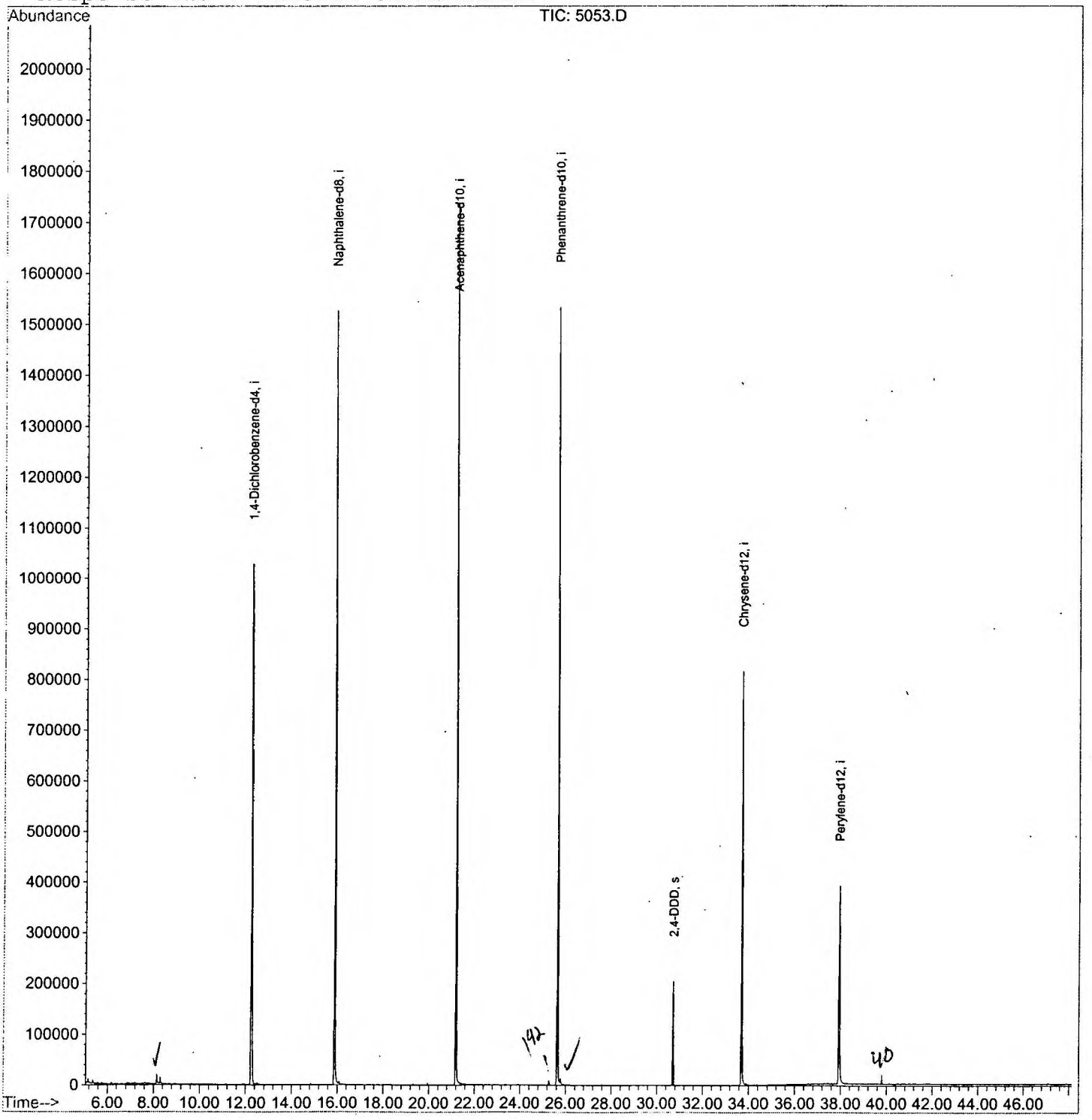
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.70	178	446	N.D.	
34)	Anthracene	25.70	178	446	N.D.	
35)	Di-n-butylphthalate	27.60	149	2292	N.D.	
36)	Fluoranthene	29.32	202	275	N.D.	
39)	Pyrene	30.01	202	310	N.D.	
40)	Butylbenzylphthalate	32.14	149	333	N.D.	
41)	Benzo(a)anthracene	33.69	228	2631	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	1949	N.D.	
43)	Chrysene	33.77	228	1688	N.D.	
45)	Di-n-Octylphthalate	35.66	149	275	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	872	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	999	N.D.	
48)	Benzo(a)pyrene	37.74	252	218	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\MAR3002\5053.D Vial: 29
Acq On : 30 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 30 21:32 2002 Quant Results File: GCMS0308.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5053.D Vial: 29
Acq On : 30 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 3/8 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

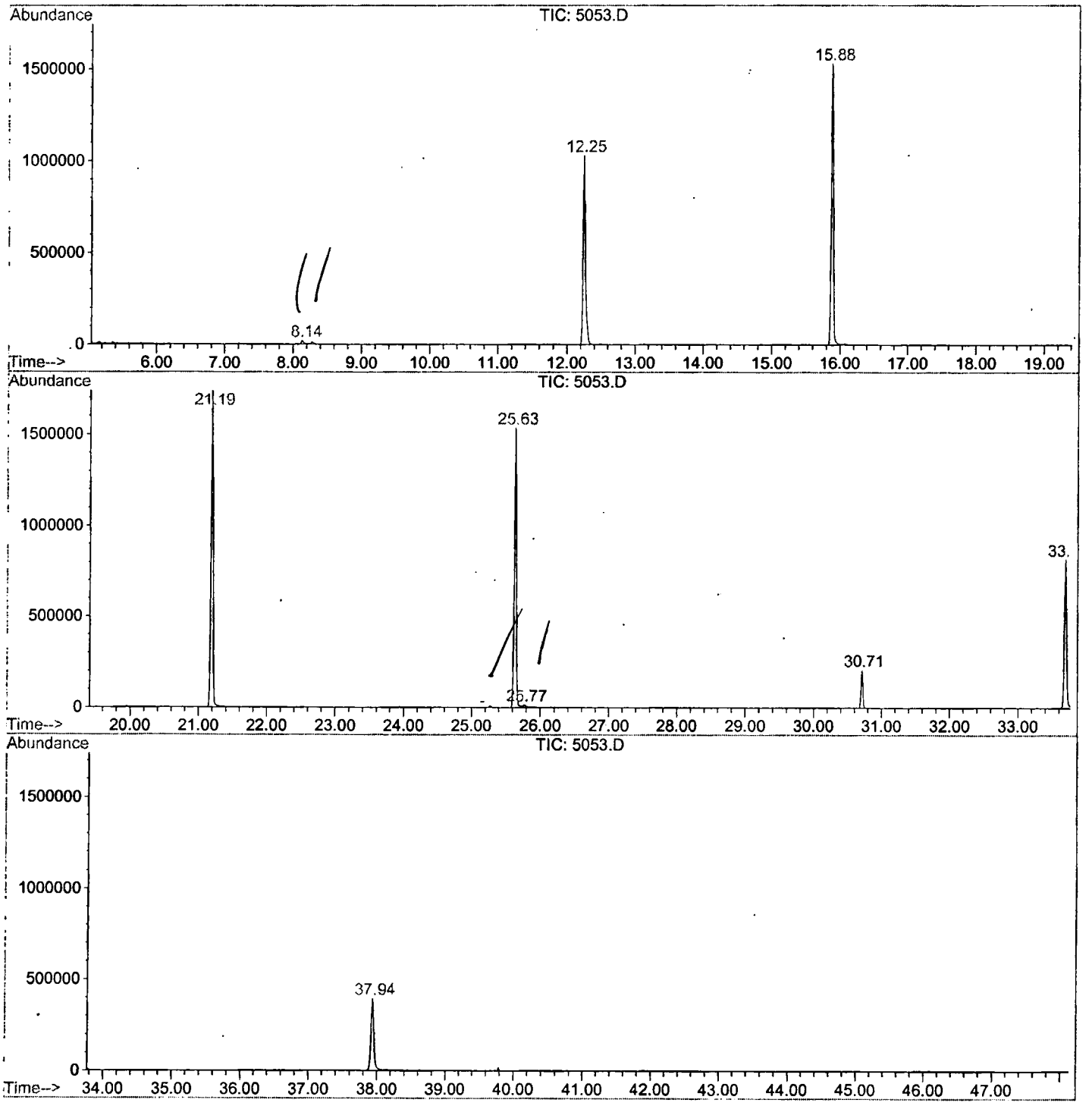
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.136	333	337	343	rBV	18860	41994	1.19%	0.266%
2	12.249	779	785	800	rBV	1026693	2450870	69.62%	15.511%
3	15.884	1175	1181	1197	rBV	1526162	3137766	89.13%	19.859%
4	21.190	1753	1759	1776	rBV	1737665	3520291	100.00%	22.280%
5	25.633	2236	2243	2255	rBV2	1534187	3254534	92.45%	20.598%
6	25.771	2255	2258	2269	rVB2	12797	35817	1.02%	0.227%
7	30.710	2791	2796	2804	rVB	206102	392739	11.16%	2.486%
8	33.694	3113	3121	3137	rBV2	817306	1801432	51.17%	11.401%
9	37.935	3575	3583	3599	rBV2	391378	1165021	33.09%	7.373%

Sum of corrected areas: 15800464

5053.D GCMS0308.M Tue Apr 02 15:31:43 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR3002\5053.D
Operator :
Acquired : 30 Mar 2002 8:43 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/8
Misc Info :
Vial Number: 29
Quant File :GCMS0308.RES (RTE Integrator)



5053.D GCMS0308.M Tue Apr 02 15:31:49 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5053.D Vial: 29
Acq On : 30 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

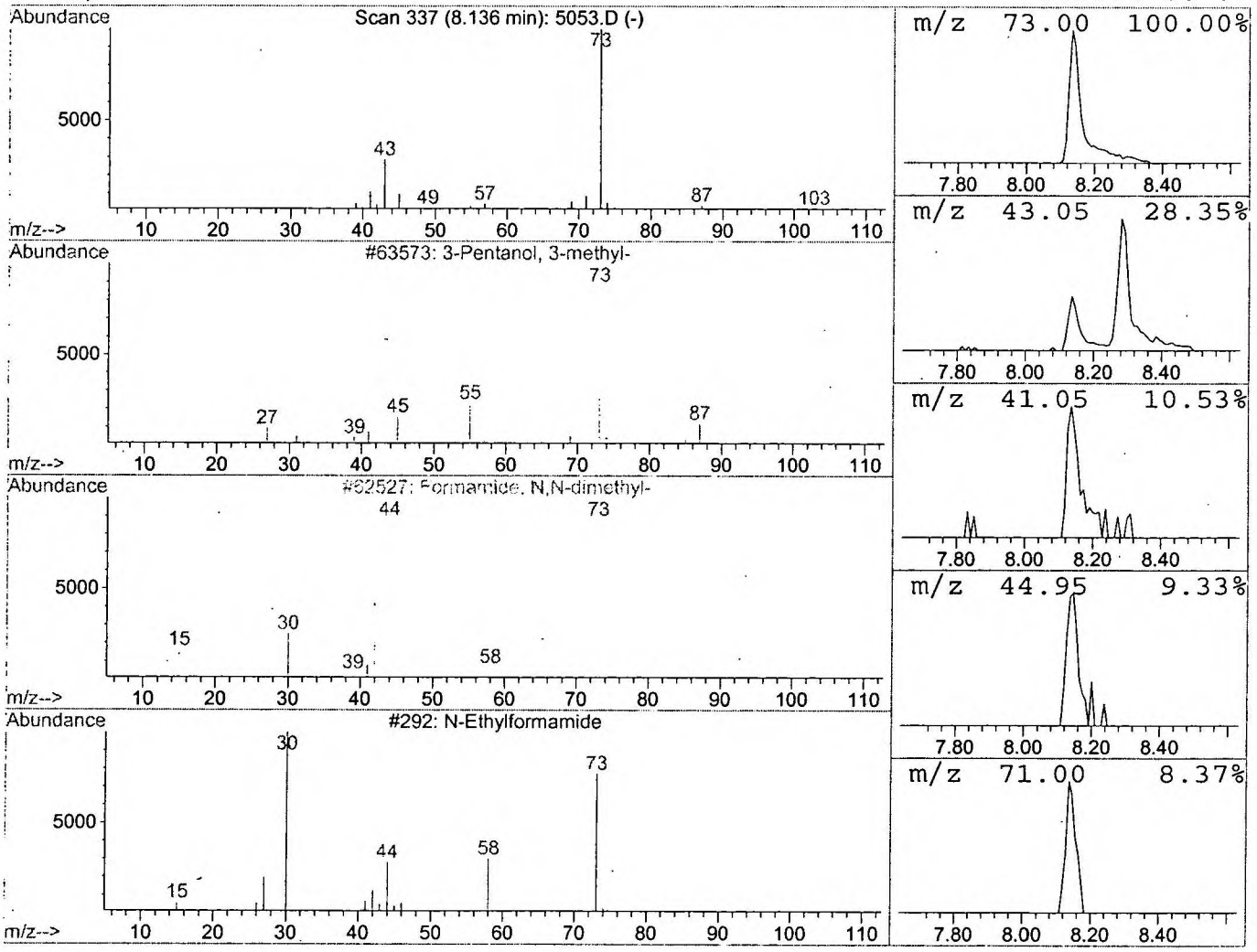
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	0.34 ug/l	41994	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
2	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR3002\5053.D Vial: 29
Acq On : 30 Mar 2002 8:43 pm Operator:
Sample : gc/ms scan 3/8 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

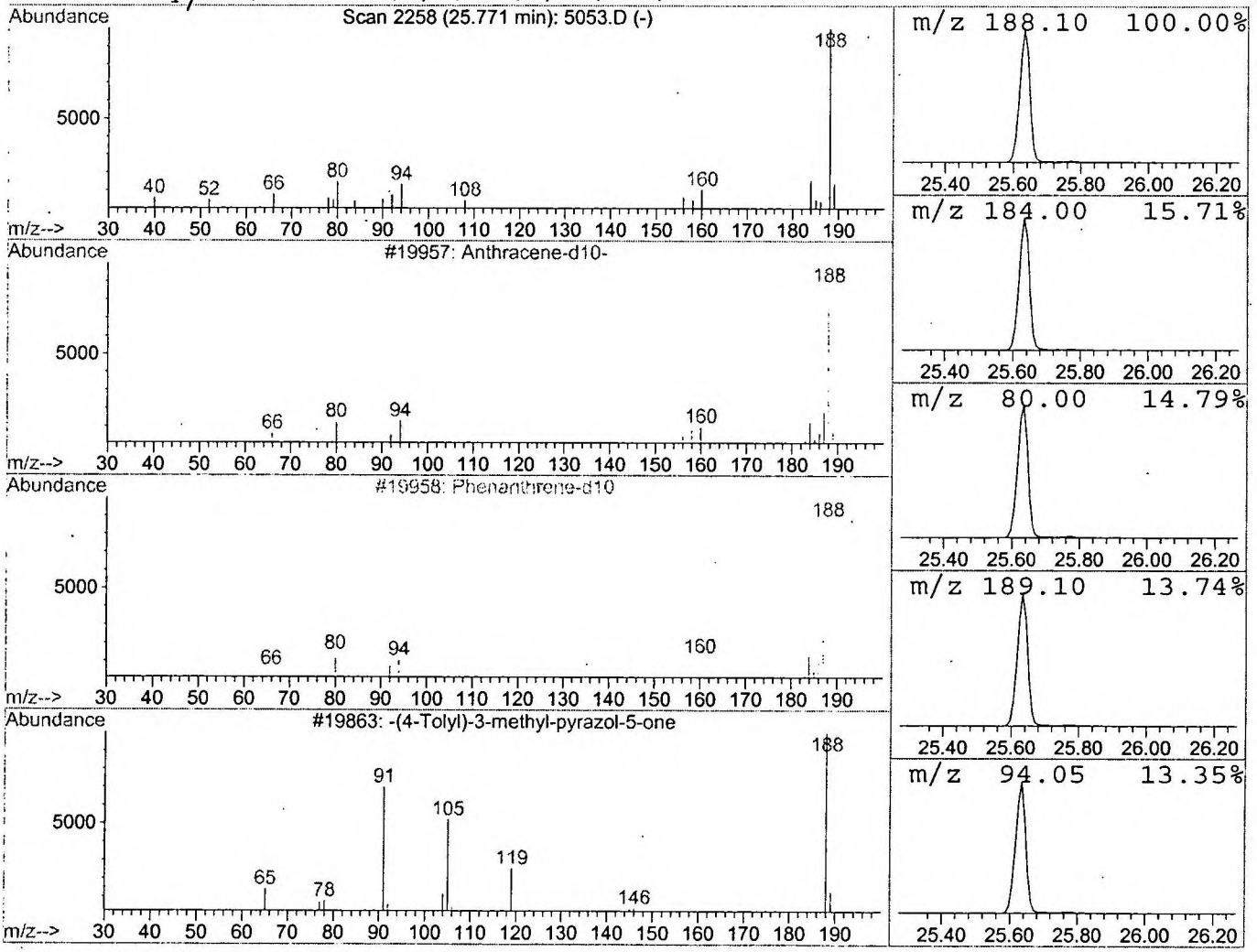
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	0.22 ug/l	35817	Phenanthrene-d10	25.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	90
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 30 Mar 2002 8:43 pm
Data File: C:\HPCHEM\1\DATA\MAR3002\5053.D
Name: gc/ms scan 3/8
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
3-Pentanol, 3-methyl	8.14	0.3	ug/l	41994	ISTD01	12.25	2450870	20.0
Anthracene-d10-	25.77	0.2	ug/l	35817	ISTD04	25.63	3254530	20.0

5053.D GCMS0308.M Tue Apr 02 15:32:02 2002