User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:58:36

Sample: AE12151
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:58 Ended: 6/6/02 14:58 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE12151 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 14:59:08

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\MAY3102\12151.D Vial: 8
Acq On : 31 May 2002 6:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:29 2002 Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	483723	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1944265	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.00	164	939280	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1461988	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	902223	40.00	ug/l	-0.02
44) Perylene-d12	37.66	264	589732	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.14	209	216192	33.27	ug/L	-0.01
Spiked Amount 40.000			Recovery = 83.18%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.38	74	120	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	508	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	508	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-Nitrosodi-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	15.75	128	887	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	22.48	149	652	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1283	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	592	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.49	178	302	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:29 2002 Quant Results File: GCMS0531.RES

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Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0531

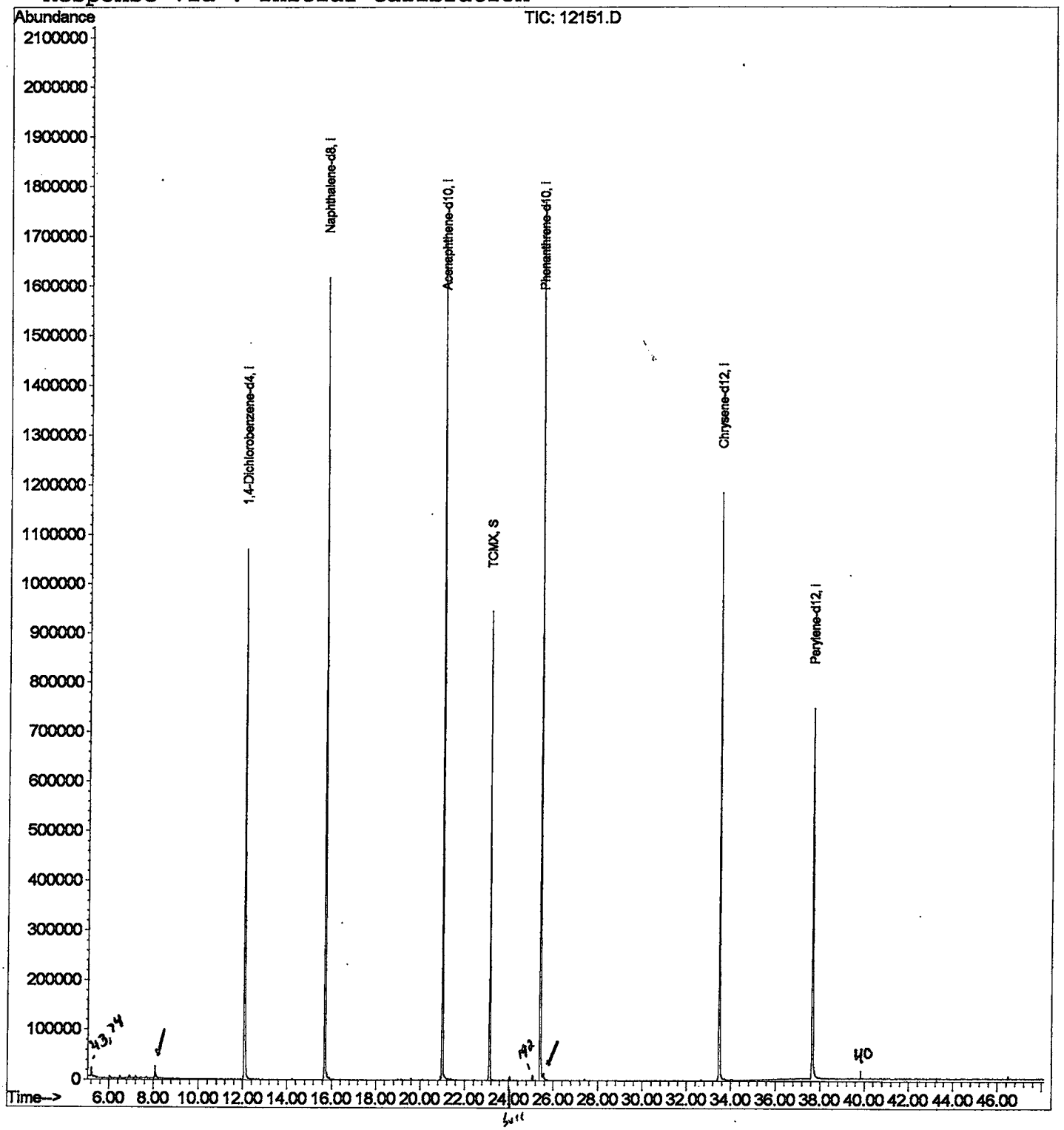
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.49	178	302	N.D.	
36)	Di-n-butylphthalate	27.41	149	5081	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.48	228	2313	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.72	149	1573	N.D.	
43)	Chrysene	33.48	228	2313	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.52	252	324	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	221	N.D.	
48)	Benzo(a)pyrene	37.67	252	2547	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\MAY3102\12151.D Vial: 8
Acq On : 31 May 2002 6:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 9:29 2002 Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12151.D Vial: 8
Acq On : 31 May 2002 6:52 pm Operator: Morgan
Sample : gc/ms scan 5/29 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

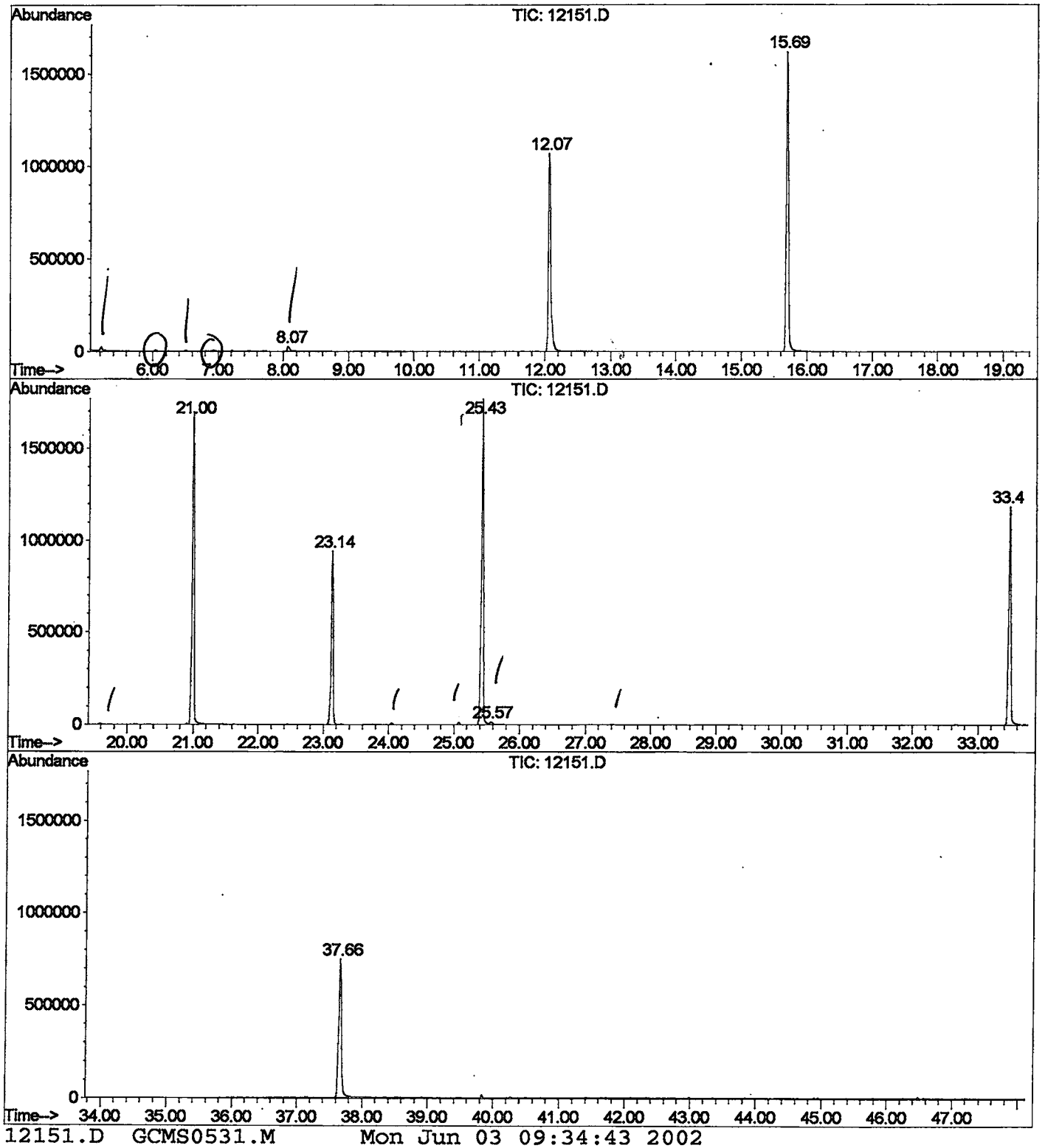
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.072	326	330	343	rBV	24922	66898	1.80%	0.322%
2	12.065	760	765	789	rBV	1069853	2638194	71.01%	12.716%
3	15.691	1154	1160	1179	rBV	1617048	3583255	96.45%	17.271%
4	20.997	1730	1738	1757	rBV	1696818	3687911	99.27%	17.775%
5	23.136	1962	1971	1977	rBV	943971	1980080	53.30%	9.544%
6	25.432	2214	2221	2231	rBV	1768595	3715192	100.00%	17.906%
7	25.569	2232	2236	2248	rVB	13398	44174	1.19%	0.213%
8	33.483	3090	3098	3118	rBV2	1185183	2858841	76.95%	13.779%
9	37.660	3545	3553	3569	rBV2	744320	2173223	58.50%	10.474%

Sum of corrected areas: 20747768

12151.D GCMS0531.M Mon Jun 03 09:34:42 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12151.D
Operator : Morgan
Acquired : 31 May 2002 6:52 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/29
Misc Info :
Vial Number: 8
Quant File :GCMS0531.RES (RTE Integrator)



12151.D GCMS0531.M Mon Jun 03 09:34:43 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12151.D
Acq On : 31 May 2002 6:52 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: Morgan
Inst : 209
Multiplr: 1.00

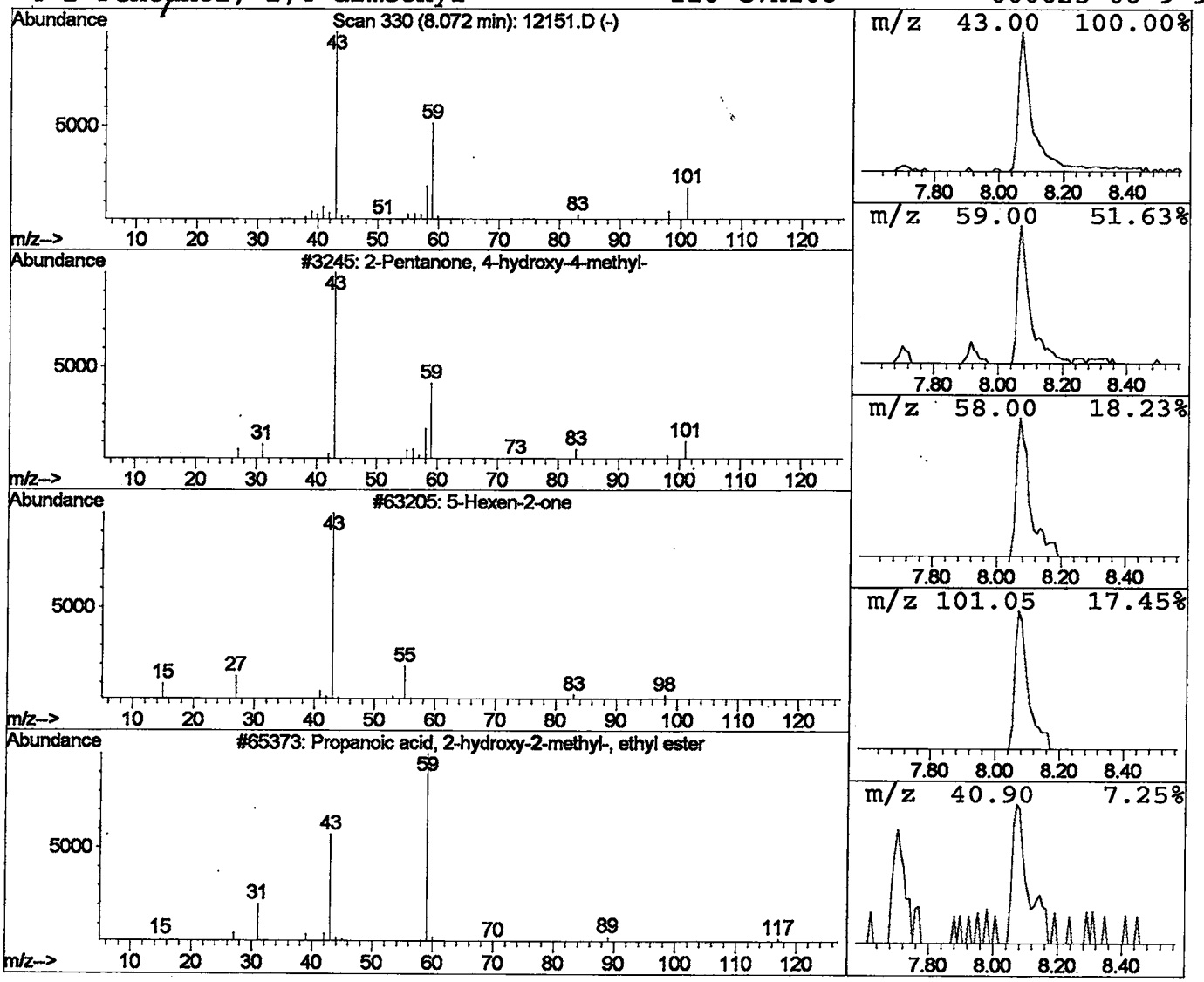
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	1.01 ug/l	66898	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	5-Hexen-2-one	98	C6H10O	000109-49-9	10
3	Propanoic acid, 2-hydroxy-2-methyl-	132	C6H12O3	000080-55-7	9
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12151.D
Acq On : 31 May 2002 6:52 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: Morgan
Inst : 209
Multiplr: 1.00

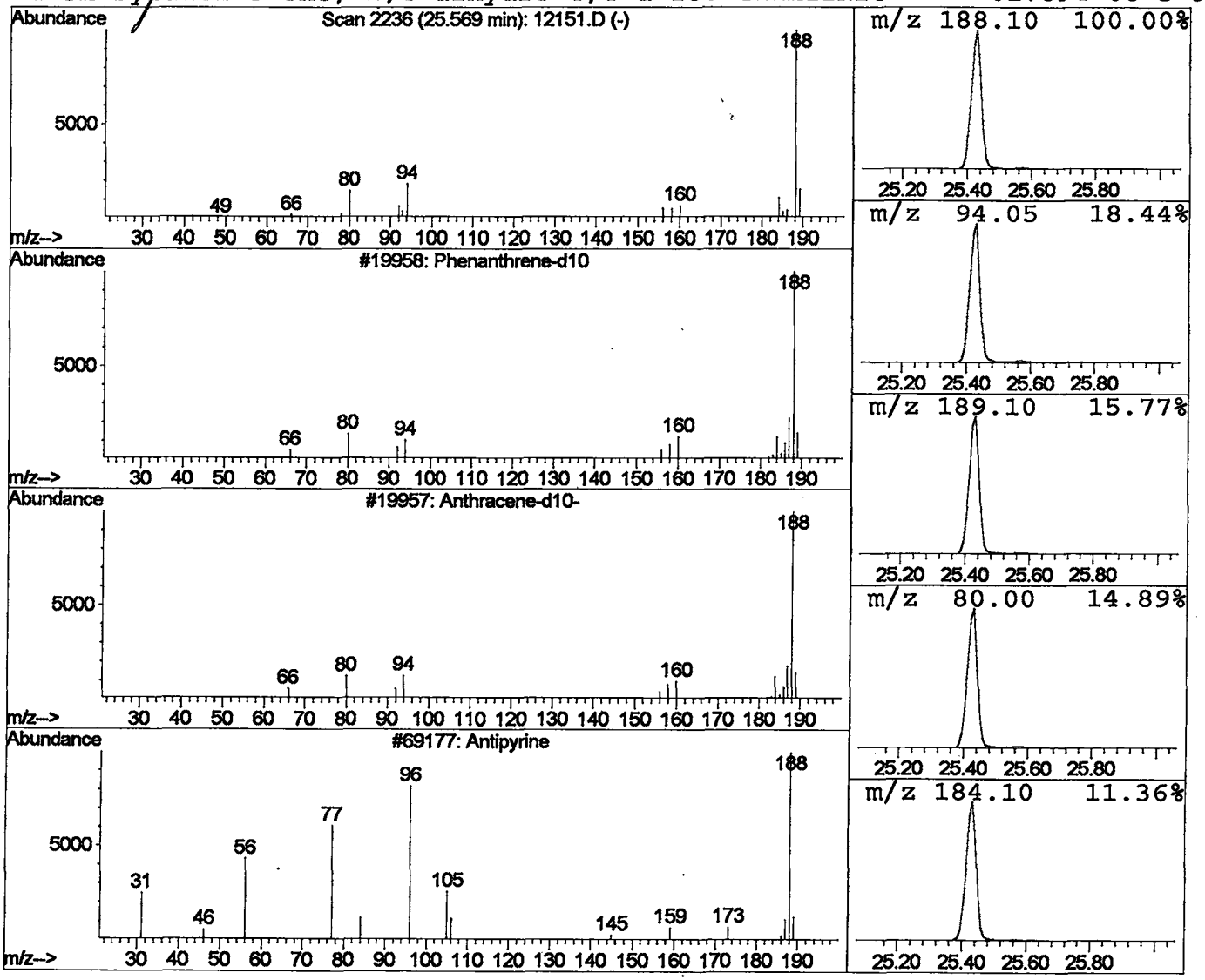
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.48 ug/l	44174	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	64
2	Anthracene-d10-	188	C14D10	001719-06-8	40
3	Antipyrine	188	C11H12N2O	000060-80-0	9
4	3H-Pyrazol-3-one, 2,4-dihydro-4,4-d	188	C11H12N2O	017694-06-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 6:52 pm
Data File: C:\HPCHEM\1\DATA\MAY3102\12151.D
Name: gc/ms scan 5/29
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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	8.07	1.0	ug/l	66898	ISTD01	12.07	2638190	40.0
Phenanthrene-d10	25.57	0.5	ug/l	44174	ISTD04	25.43	3715190	40.0

12151.D GCMS0531.M Mon Jun 03 09:34:45 2002