User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 11:19:07

Sample: AE12734
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 11:18 Ended: 6/7/02 11:18 Analyst: DLV
Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE12734 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 11:19:34

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\JUN0302\12734.D Vial: 12
Acq On : 3 Jun 2002 8:02 pm Operator:
Sample : gc/ms scan 5/31 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 9:00 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	459527	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1830268	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	880286	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1355290	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	771387	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	452337	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	180452	29.63	ug/L	-0.02
Spiked Amount 40.000			Recovery = 74.08%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.38	74	176	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-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	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.	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-Chlorophenylphenylether	23.13	204	1340	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	649	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	524	N.D.		

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

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Misc : Multiplr: 1.00
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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

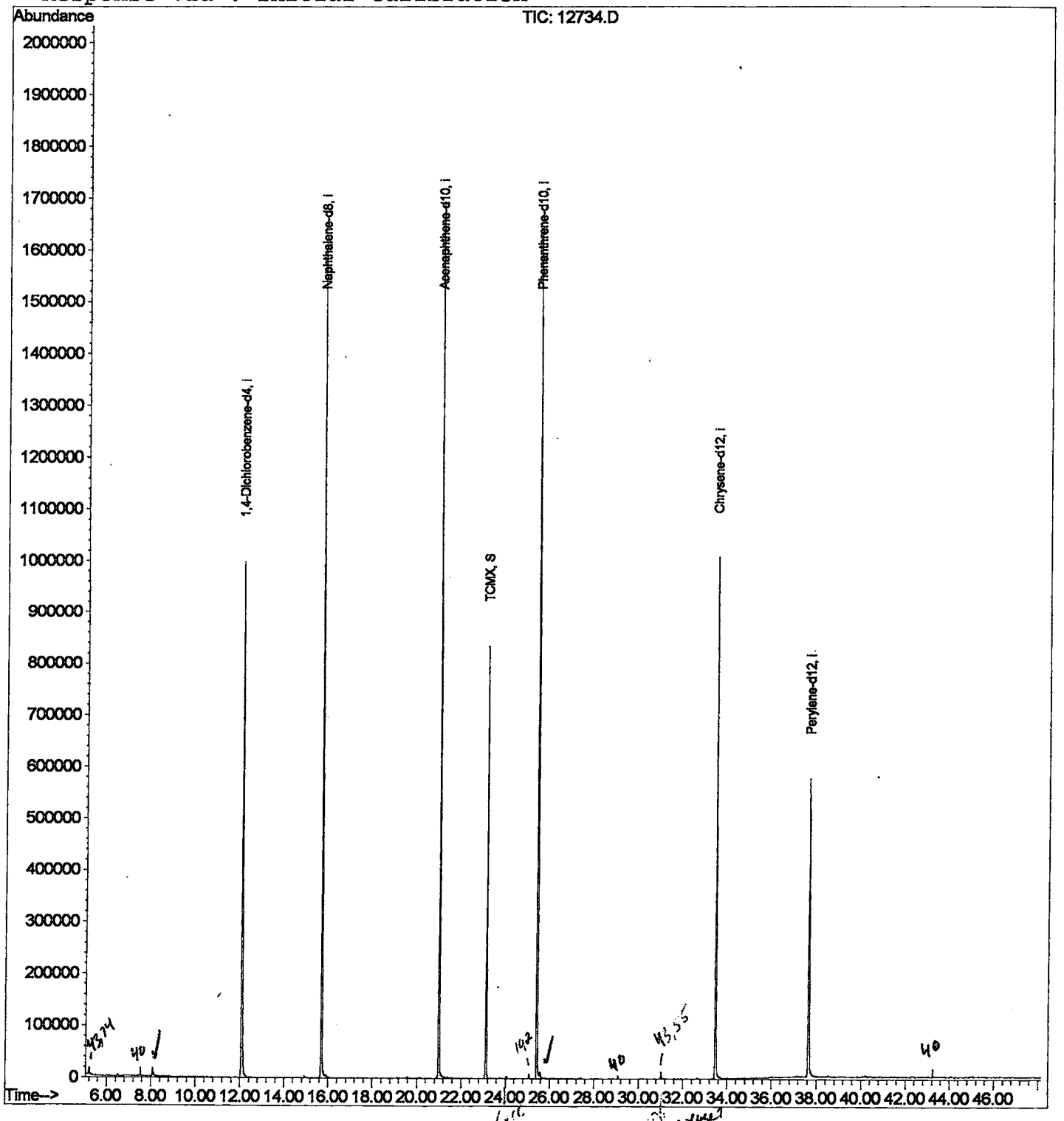
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.43	178	524	N.D.	
36) Di-n-butylphthalate	27.41	149	2508	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.47	228	1887	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	1242	N.D.	
43) Chrysene	33.47	228	1887	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	37.65	252	1683	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\JUN0302\12734.D Vial: 12
Acq On : 3 Jun 2002 8:02 pm Operator:
Sample : gc/ms scan 5/31 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 9:00 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\JUN0302\12734.D Vial: 12
Acq On : 3 Jun 2002 8:02 pm Operator:
Sample : gc/ms scan 5/31 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

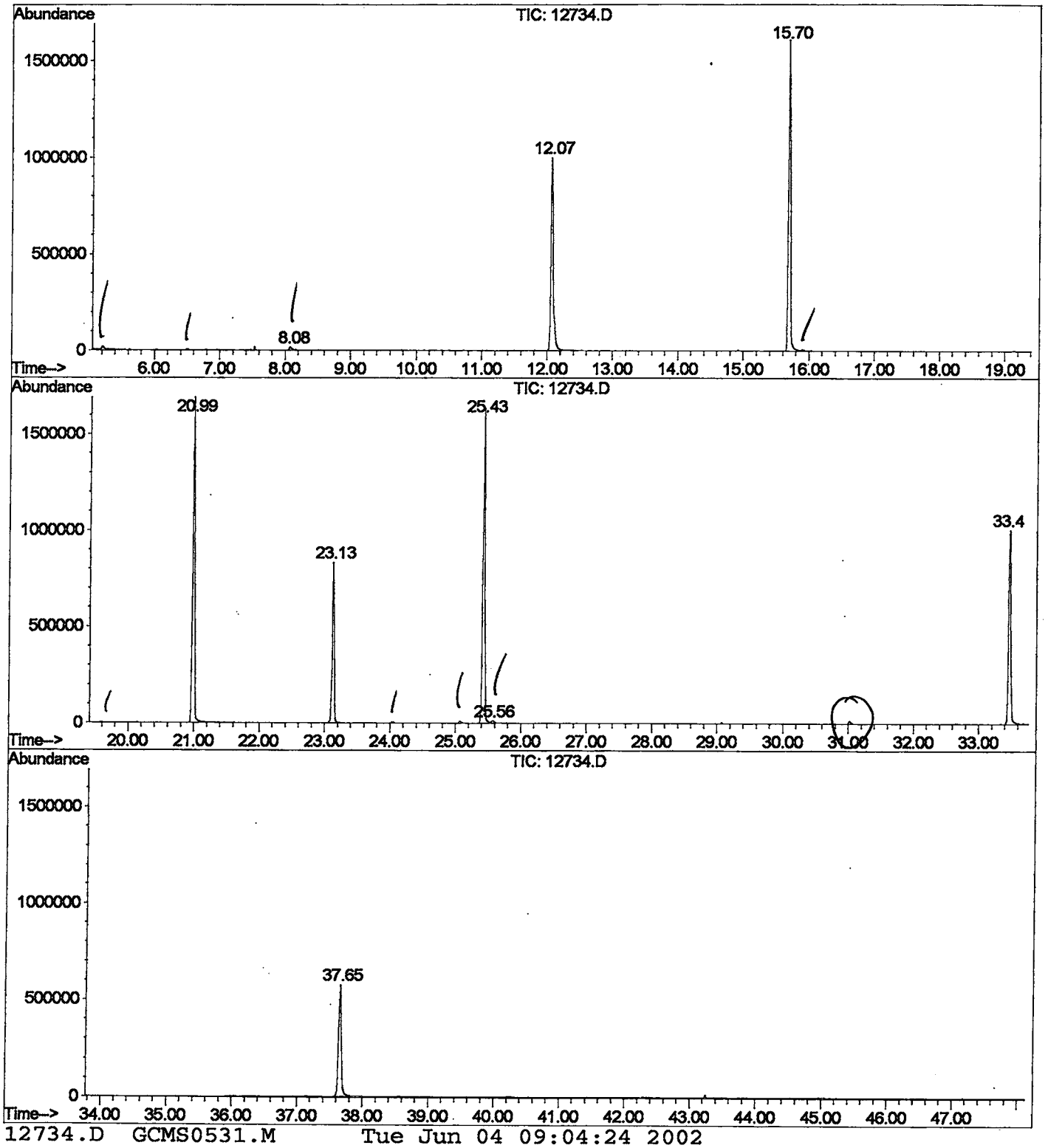
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.076	327	330	343	rBV2	15600	46862	1.36%	0.251%
2	12.069	759	765	782	rBV	998515	2486323	72.00%	13.316%
3	15.696	1154	1160	1176	rBV	1608475	3382892	97.96%	18.117%
4	20.993	1730	1737	1749	rBV	1693045	3451934	99.96%	18.487%
5	23.132	1962	1970	1984	rBV	834844	1718301	49.76%	9.203%
6	25.427	2213	2220	2231	rBV2	1638188	3453465	100.00%	18.495%
7	25.564	2231	2235	2249	rVB	11053	40220	1.16%	0.215%
8	33.478	3090	3097	3113	rBV2	1008137	2411665	69.83%	12.916%
9	37.655	3544	3552	3571	rBV2	573725	1680446	48.66%	9.000%

Sum of corrected areas: 18672108

12734.D GCMS0531.M Tue Jun 04 09:04:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12734.D
Operator :
Acquired : 3 Jun 2002 8:02 pm using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/31
Misc Info :
Vial Number: 12
Quant File :GCMS0531.RES (RTE Integrator)



12734.D GCMS0531.M Tue Jun 04 09:04:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12734.D Vial: 12
Acq On : 3 Jun 2002 8:02 pm Operator:
Sample : gc/ms scan 5/31 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

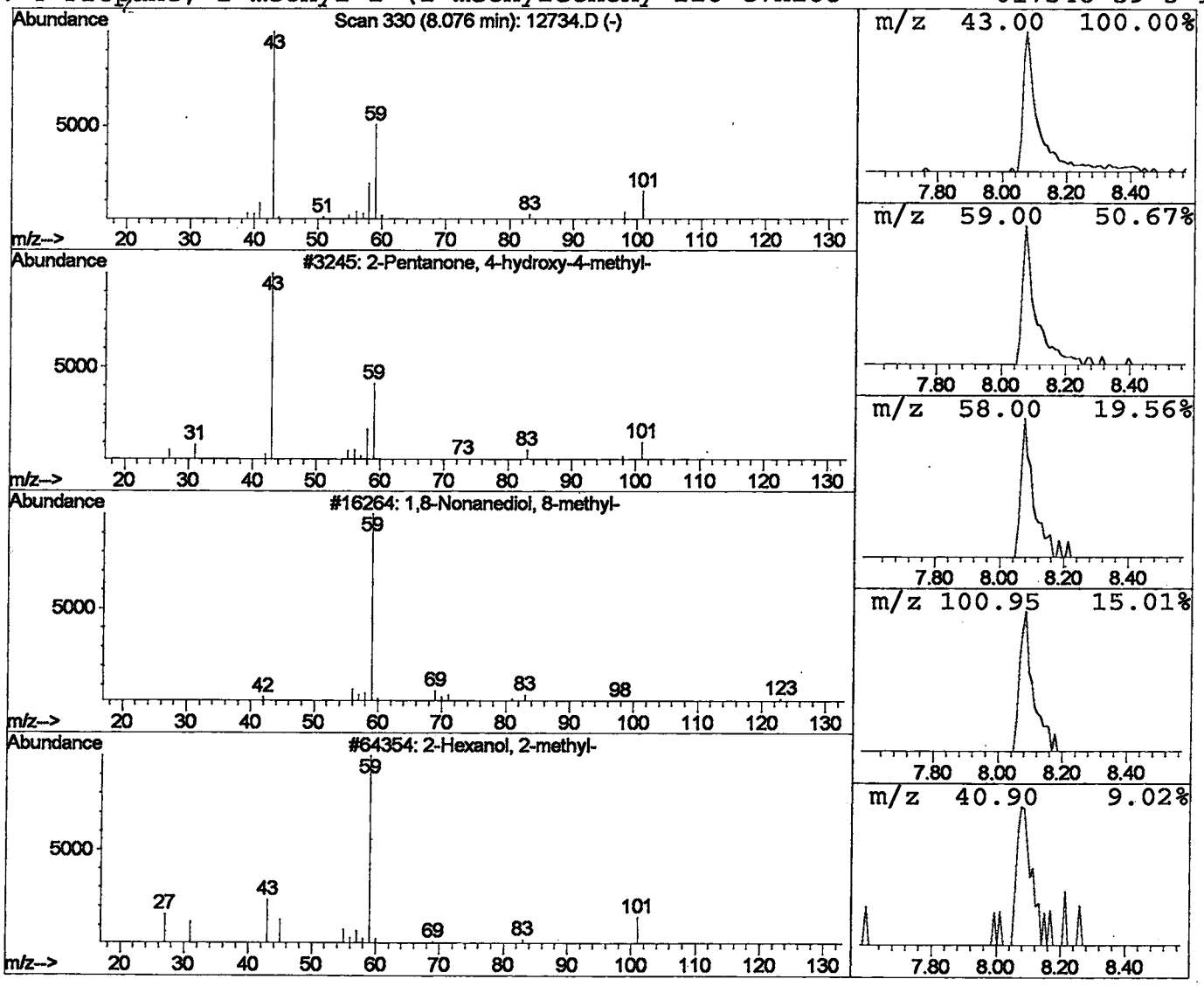
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	0.75 ug/l	46862	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	78
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	9
4	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12734.D Vial: 12
Acq On : 3 Jun 2002 8:02 pm Operator:
Sample : gc/ms scan 5/31 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

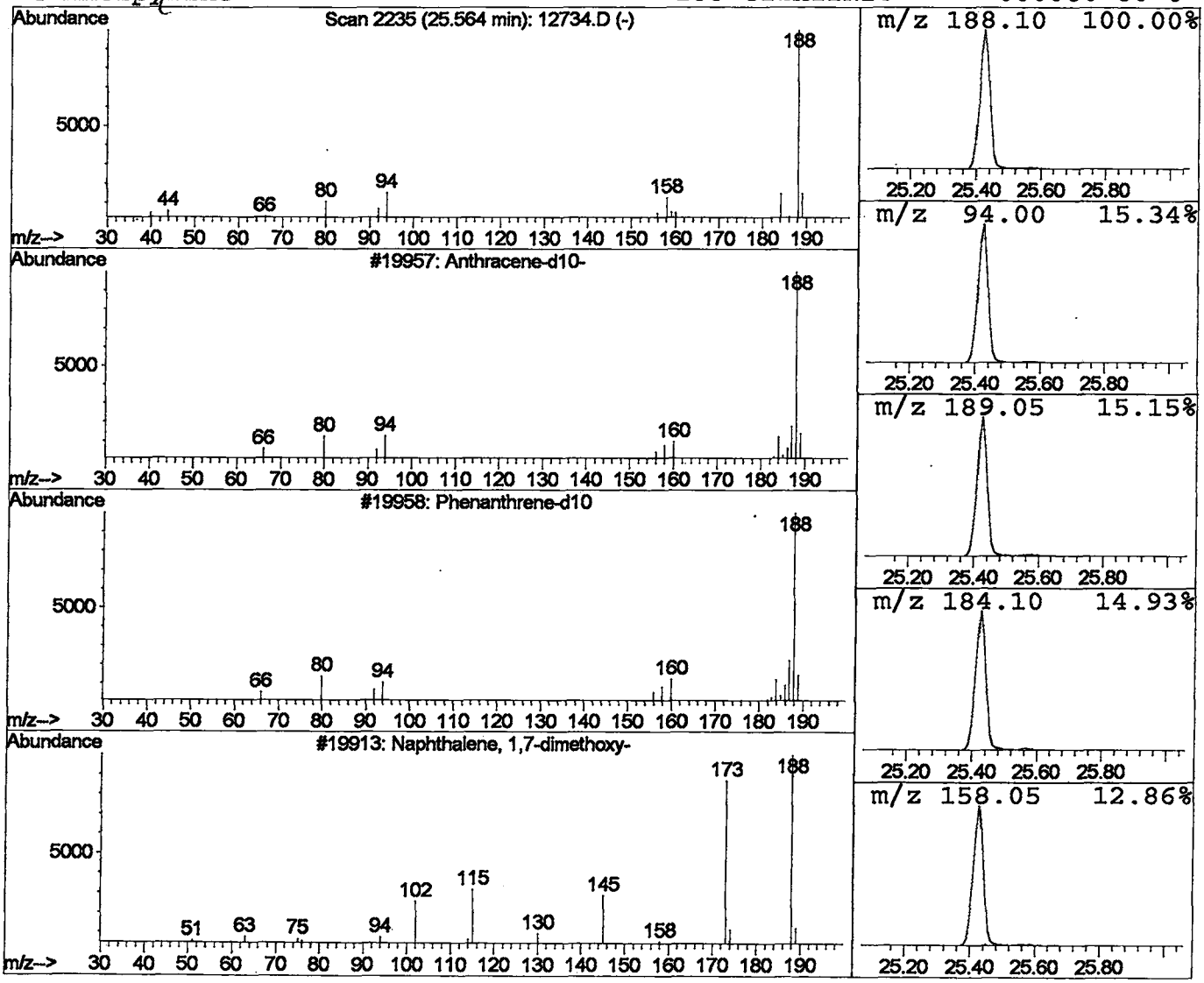
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.47 ug/l	40220	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	86
2	Phenanthrene-d10	188	C14D10	001517-22-2	72
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4	Antipyrine	188	C11H12N2O	000060-80-0	42



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Jun 2002 8:02 pm
Data File: C:\HPCHEM\1\DATA\JUN0302\12734.D
Name: gc/ms scan 5/31
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	8.08	0.8	ug/l	46862	ISTD01	12.07	2486320	40.0
Anthracene-d10-	25.56	0.5	ug/l	40220	ISTD04	25.43	3453470	40.0

12734.D GCMS0531.M Tue Jun 04 09:04:25 2002