User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:03:12

Sample: AE12536
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:02 Ended: 6/7/02 14:02 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		76		10.0

Comments for Sample AE12536 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:04:17

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\12536.D Vial: 17
Acq On : 4 Jun 2002 12:59 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:43 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	457837	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1850905	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	877912	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1348278	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	752333	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	450232	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	184330	30.35	ug/L	-0.02
Spiked Amount 40.000			Recovery = 75.88%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.44	74	269	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	15.74	128	270	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	674	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1221	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	507	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	487	N.D.		

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

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Last Update : Fri May 31 09:43:55 2002
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DataAcq Meth : GCMS0531

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.42	178	487	N.D.	
36)	Di-n-butylphthalate	27.41	149	18356	0.38 ug/l	97
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	2064	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	703	N.D.	
43)	Chrysene	33.47	228	1948	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	1694	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

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Acq On : 4 Jun 2002 12:59 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
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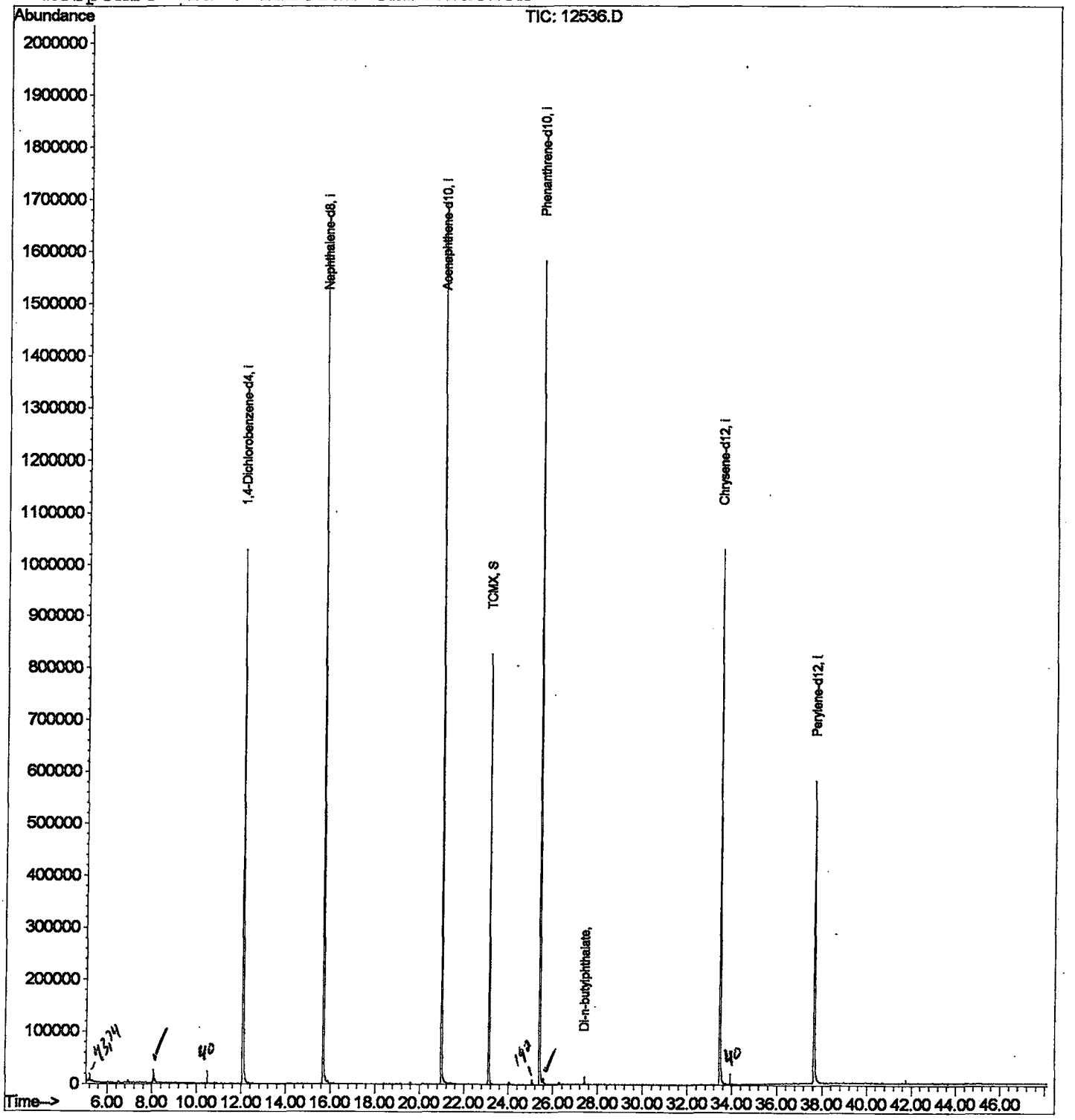
Quant Time: Jun 4 11:43 2002 Quant Results File: GCMS0531.RES

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\12536.D Vial: 17
Acq On : 4 Jun 2002 12:59 am Operator:
Sample : gc/ms scan 5/28 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

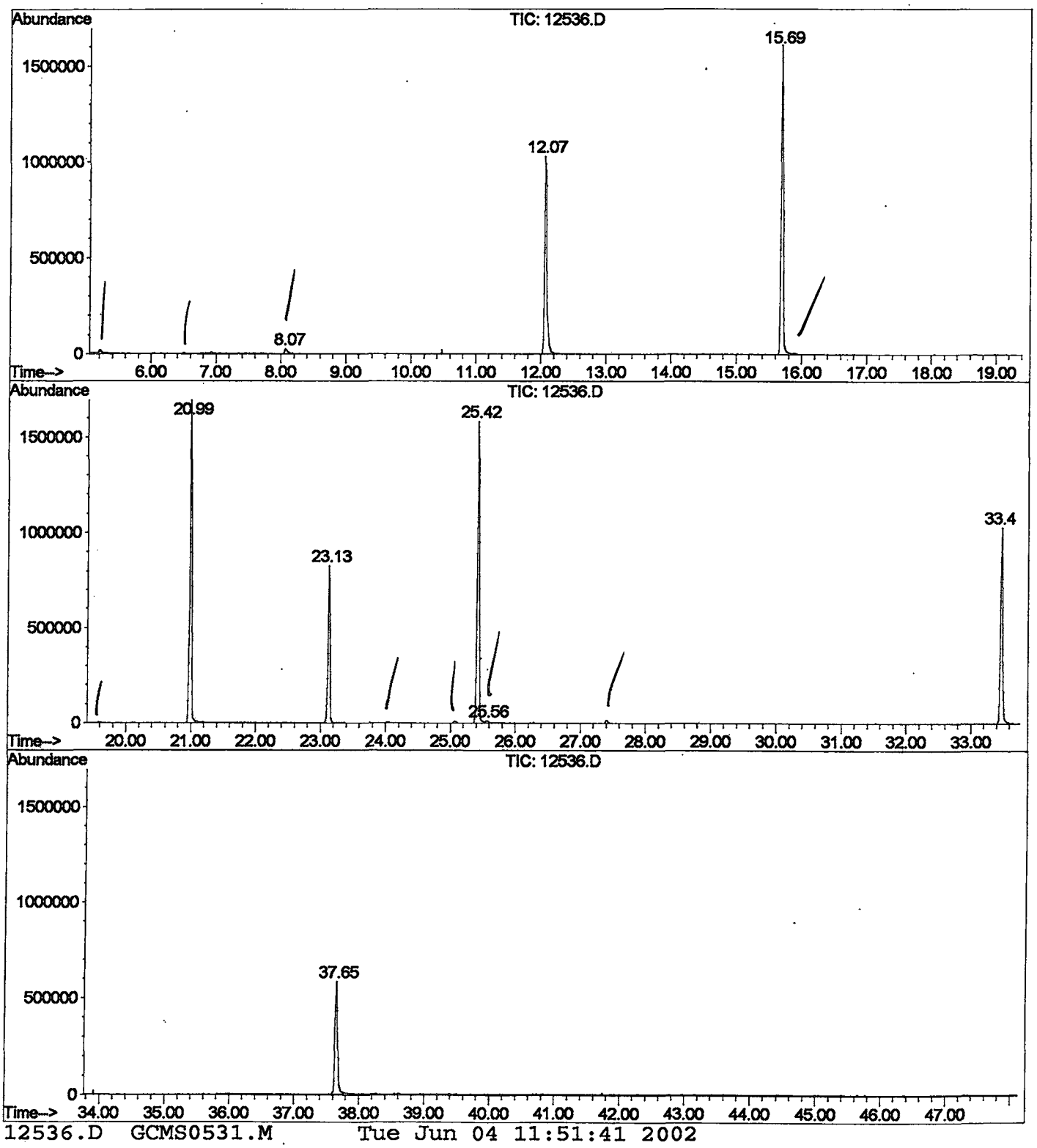
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.072	326	330	343	rBV	24606	68510	1.97%	0.366%
2	12.066	760	765	783	rBV	1028029	2507362	71.98%	13.394%
3	15.692	1154	1160	1176	rBV	1609531	3408562	97.86%	18.208%
4	20.989	1731	1737	1752	rBV	1694278	3483237	100.00%	18.607%
5	23.128	1960	1970	1983	rBV	827850	1740478	49.97%	9.297%
6	25.423	2214	2220	2232	rBV2	1583340	3460229	99.34%	18.484%
7	25.561	2232	2235	2248	rVB2	11459	37453	1.08%	0.200%
8	33.474	3090	3097	3112	rBV2	1030556	2361356	67.79%	12.614%
9	37.651	3544	3552	3565	rBV2	580101	1653061	47.46%	8.830%

Sum of corrected areas: 18720248

12536.D GCMS0531.M Tue Jun 04 11:51:41 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12536.D
Operator :
Acquired : 4 Jun 2002 12:59 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28
Misc Info :
Vial Number: 17
Quant File :GCMS0531.RES (RTE Integrator)



12536.D GCMS0531.M Tue Jun 04 11:51:41 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12536.D Vial: 17
Acq On : 4 Jun 2002 12:59 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

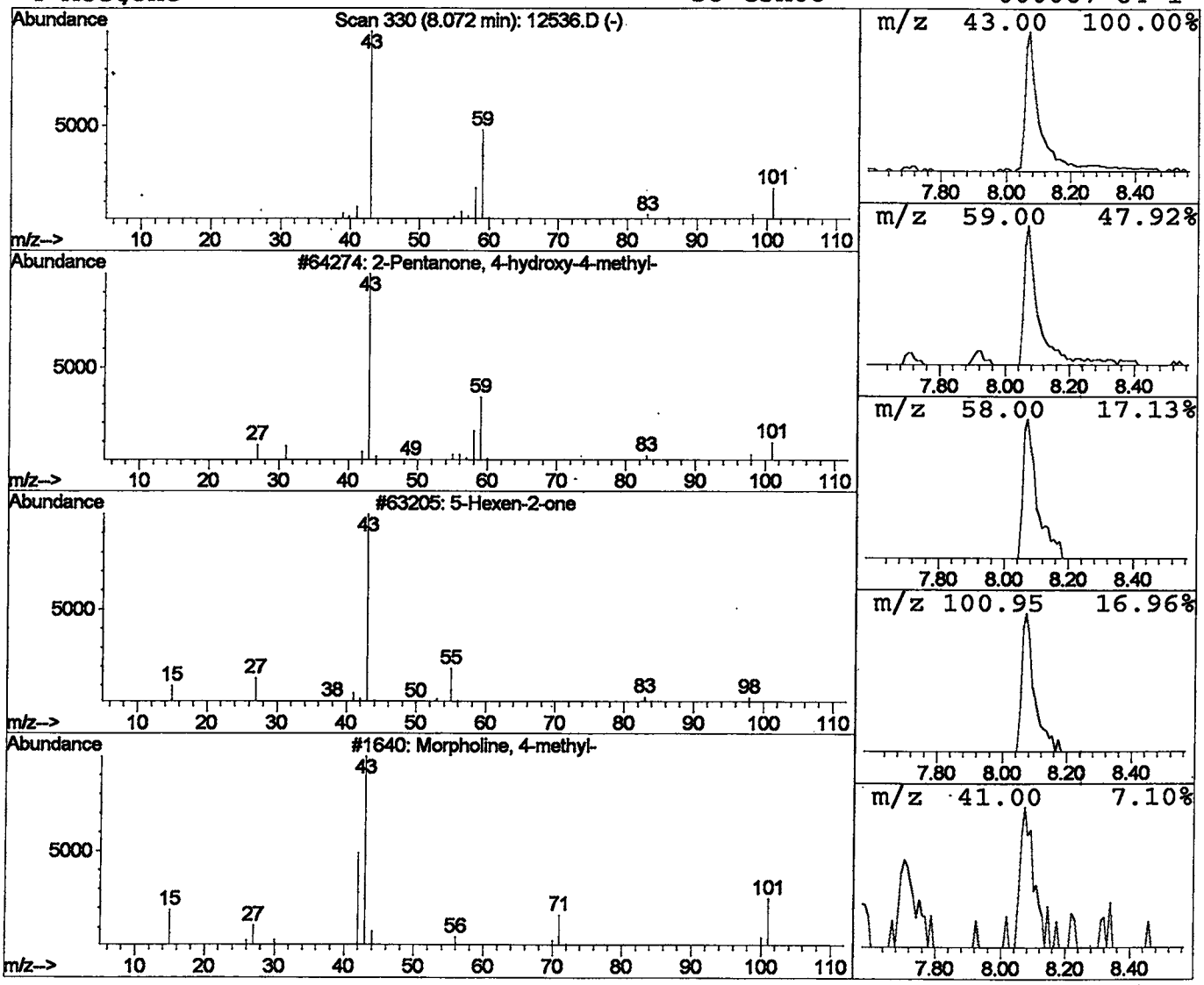
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	1.09 ug/l	68510	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	5
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5
4	Acetone	58	C3H6O	000067-64-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12536.D Vial: 17
Acq On : 4 Jun 2002 12:59 am Operator:
Sample : gc/ms scan 5/28 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

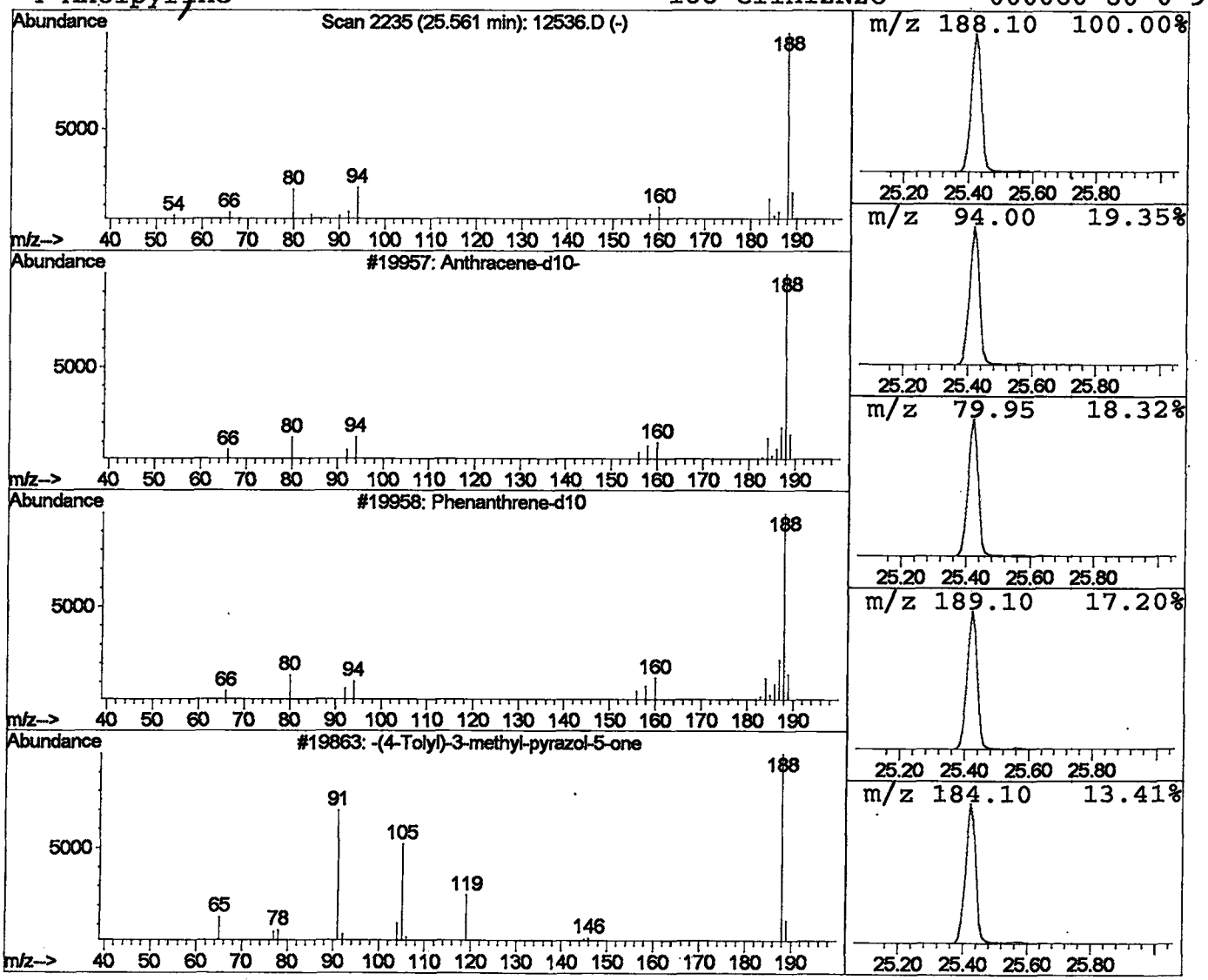
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.43 ug/l	37453	Phenanthrene-d10	25.42

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	86
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	9
4	Antipyrine	188	C11H12N2O	000060-80-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 12:59 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12536.D
Name: gc/ms scan 5/28
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	1.1	ug/l	68510	ISTD01	12.07	2507360	40.0
Anthracene-d10-	25.56	0.4	ug/l	37453	ISTD04	25.42	3460230	40.0

12536.D GCMS0531.M Tue Jun 04 11:51:43 2002