User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:12:16

Sample: AE12539
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:11 Ended: 6/7/02 14:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE12539 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-07-2002 Time: 14:12:46

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\12539.D Vial: 20
Acq On : 4 Jun 2002 3:56 am Operator:
Sample : gc/ms scan 5/28 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:45 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	470593	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1886553	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	904044	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1406051	40.00	ug/l	0.00
38) Chrysene-d12	33.48	240	818877	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	488023	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.13	209	194655	31.12	ug/L	-0.02
Spiked Amount 40.000			Recovery = 77.80%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.08	146	251	N.D.		
5) 1,4-Dichlorobenzene	12.08	146	251	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	236	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	461	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1302	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	506	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	388	N.D.		

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
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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	388	N.D.	
36)	Di-n-butylphthalate	27.41	149	25150	0.50 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	1869	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	2071	N.D.	
43)	Chrysene	33.47	228	1869	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	1866	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

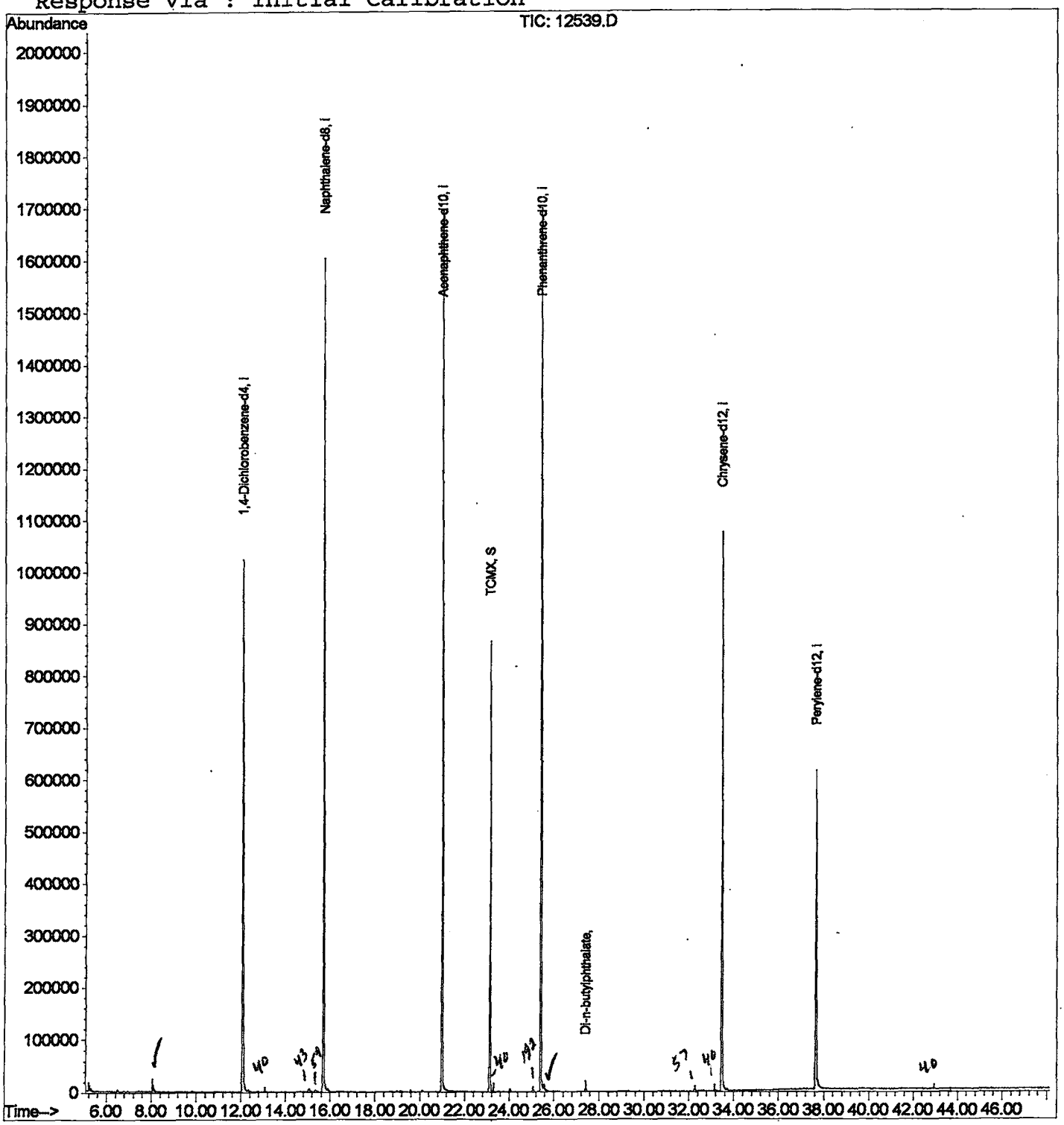
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12539.D
Acq On : 4 Jun 2002 3:56 am
Sample : gc/ms scan 5/28 fb
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:45 2002

Vial: 20
Operator:
Inst : 209
Multiplr: 1.00

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\12539.D Vial: 20
Acq On : 4 Jun 2002 3:56 am Operator:
Sample : gc/ms scan 5/28 fb 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

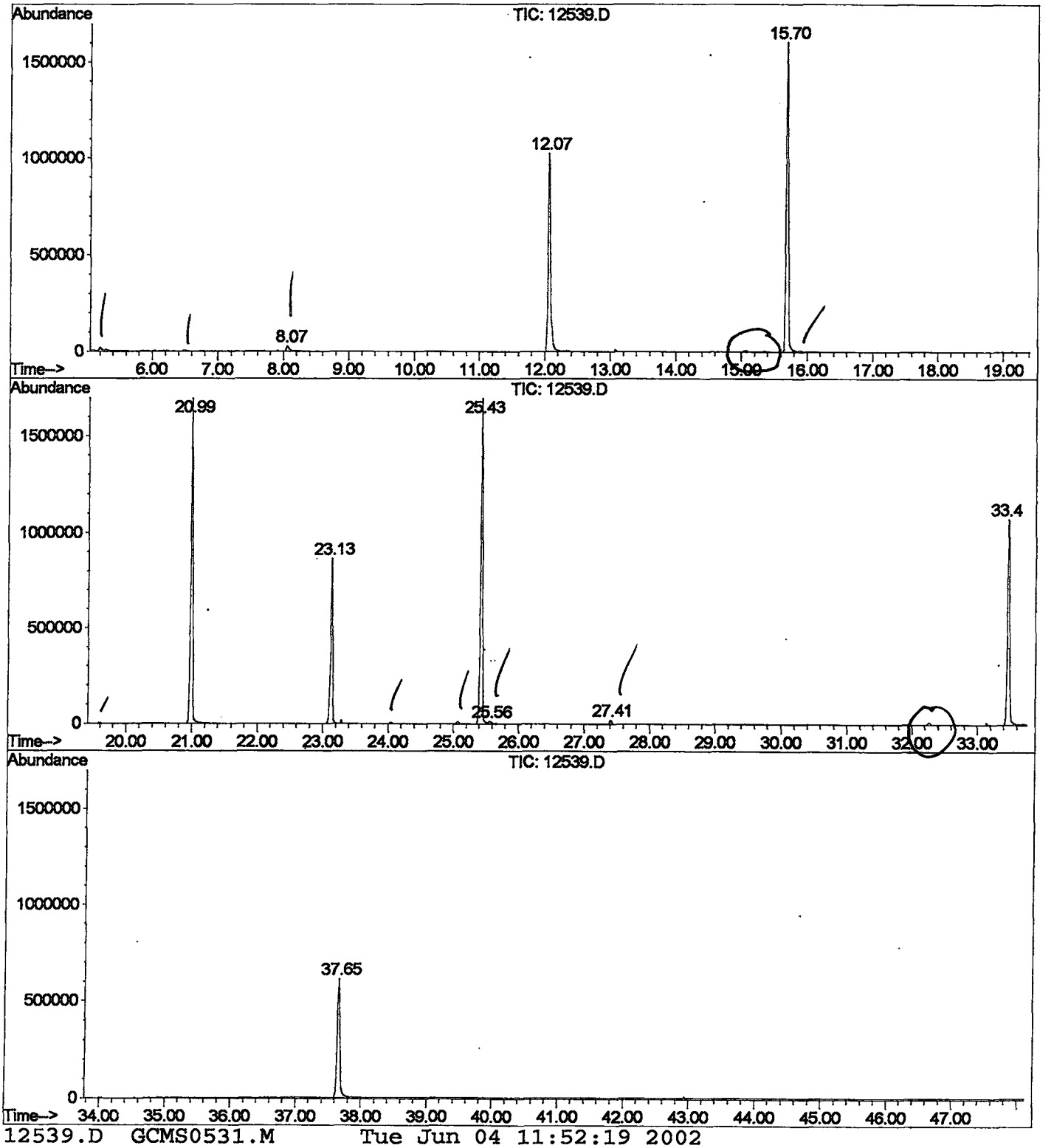
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.066	326	329	344	rBV	25057	66111	1.82%	0.337%
2	12.069	759	765	787	rBV	1023265	2580626	71.06%	13.172%
3	15.695	1153	1160	1178	rBV	1603480	3494069	96.22%	17.835%
4	20.992	1729	1737	1757	rBV	1695920	3581211	98.62%	18.279%
5	23.131	1961	1970	1979	rBV	866273	1791779	49.34%	9.146%
6	25.426	2213	2220	2231	rBV2	1698022	3631381	100.00%	18.536%
7	25.564	2231	2235	2244	rVB	12232	38893	1.07%	0.199%
8	27.409	2431	2436	2441	rBV	20193	38564	1.06%	0.197%
9	33.468	3090	3096	3111	rBV2	1073597	2565789	70.66%	13.097%
10	37.654	3544	3552	3572	rBV2	610652	1802983	49.65%	9.203%

Sum of corrected areas: 19591406

12539.D GCMS0531.M Tue Jun 04 11:52:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12539.D
Operator :
Acquired : 4 Jun 2002 3:56 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/28 fb
Misc Info :
Vial Number: 20
Quant File :GCMS0531.RES (RTE Integrator)



12539.D GCMS0531.M Tue Jun 04 11:52:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12539.D Vial: 20
Acq On : 4 Jun 2002 3:56 am Operator:
Sample : gc/ms scan 5/28 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

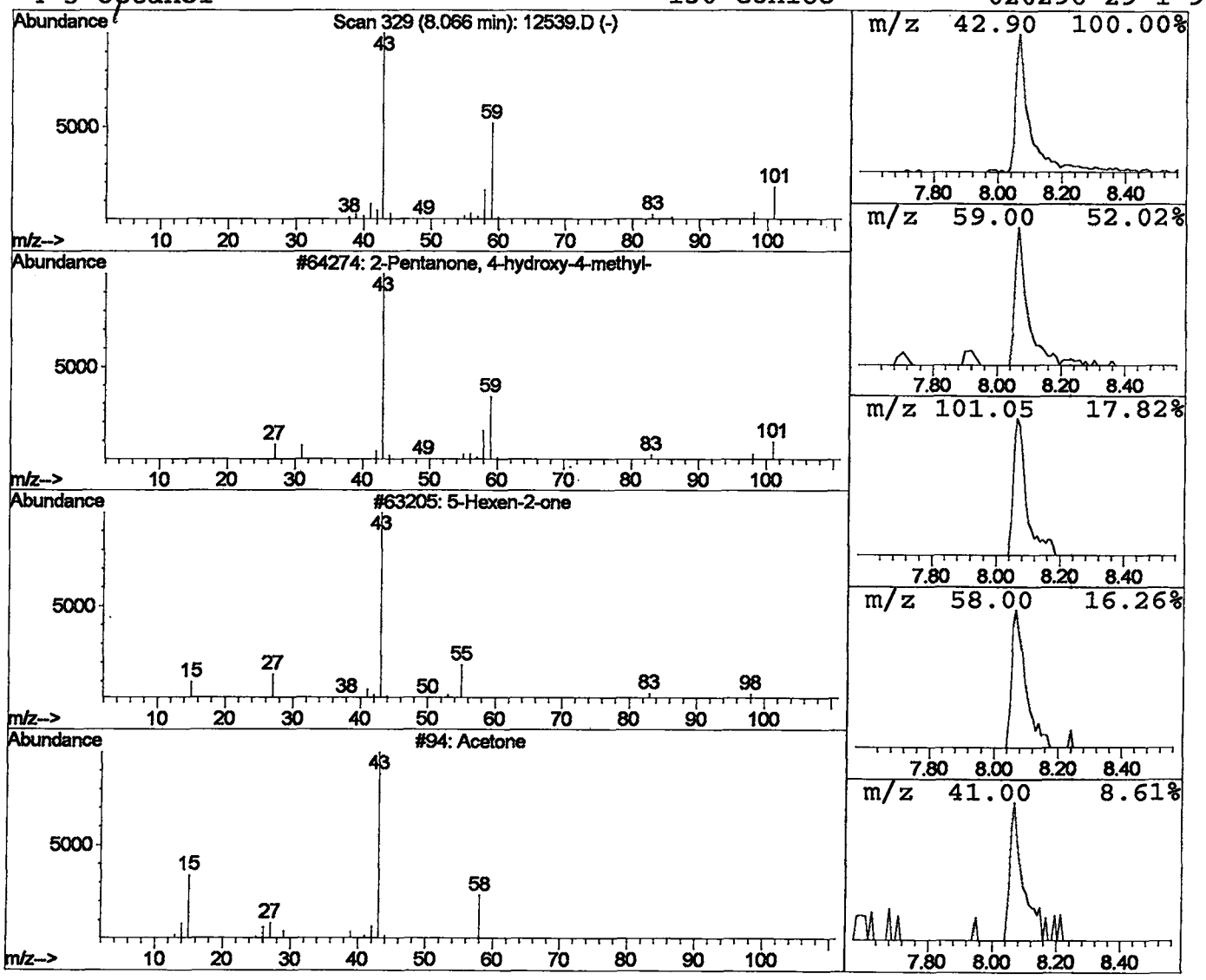
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	1.02 ug/l	66111	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	59
2	5-Hexen-2-one	98	C6H10O	000109-49-9	12
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Octanol	130	C8H18O	020296-29-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12539.D Vial: 20
Acq On : 4 Jun 2002 3:56 am Operator:
Sample : gc/ms scan 5/28 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

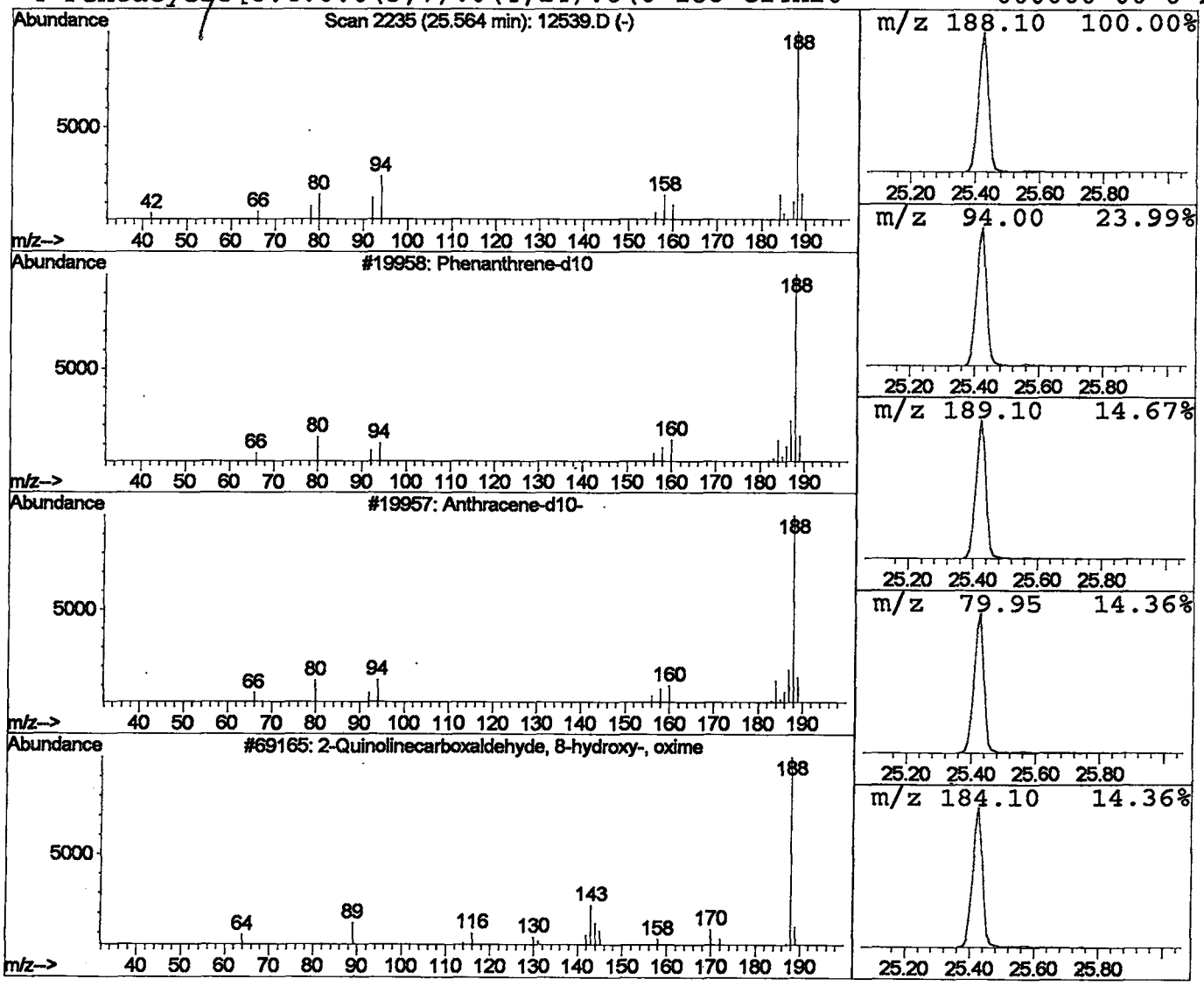
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.43 ug/l	38893	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	87
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	40
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 3:56 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12539.D
Name: gc/ms scan 5/28 fb
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	66111	ISTD01	12.07	2580630	40.0
Phenanthrene-d10	25.56	0.4	ug/l	38893	ISTD04	25.43	3631380	40.0

12539.D GCMS0531.M Tue Jun 04 11:52:21 2002