User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:33:06

Sample: AE12094
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:32 Ended: 6/6/02 14:32 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE12094 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-06-2002 Time: 14:33:37

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\12094.D Vial: 17
Acq On : 1 Jun 2002 3:44 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:36 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	505829	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	2029619	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	966467	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1515749	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	912731	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	564905	40.00	ug/l	-0.03
System Monitoring Compounds						
28) TCMX	23.14	209	230386	34.45	ug/L	-0.01
Spiked Amount 40.000			Recovery = 86.13%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.41	74	432	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	398	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	398	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	2175	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	21.31	165	171	N.D.		
25) Diethylphthalate	22.49	149	647	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1327	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	591	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.48	178	1775	N.D.		

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

Quantitation Report (QT Reviewed)

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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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.48	178	1775	N.D.	
36)	Di-n-butylphthalate	27.41	149	27136	0.50 ug/l	99
37)	Fluoranthene	29.10	202	285	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	2855	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	1700	N.D.	
43)	Chrysene	33.54	228	460	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.51	252	436	N.D.	
47)	Benzo(k)fluoranthene	36.51	252	787	N.D.	
48)	Benzo(a)pyrene	37.65	252	2354	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

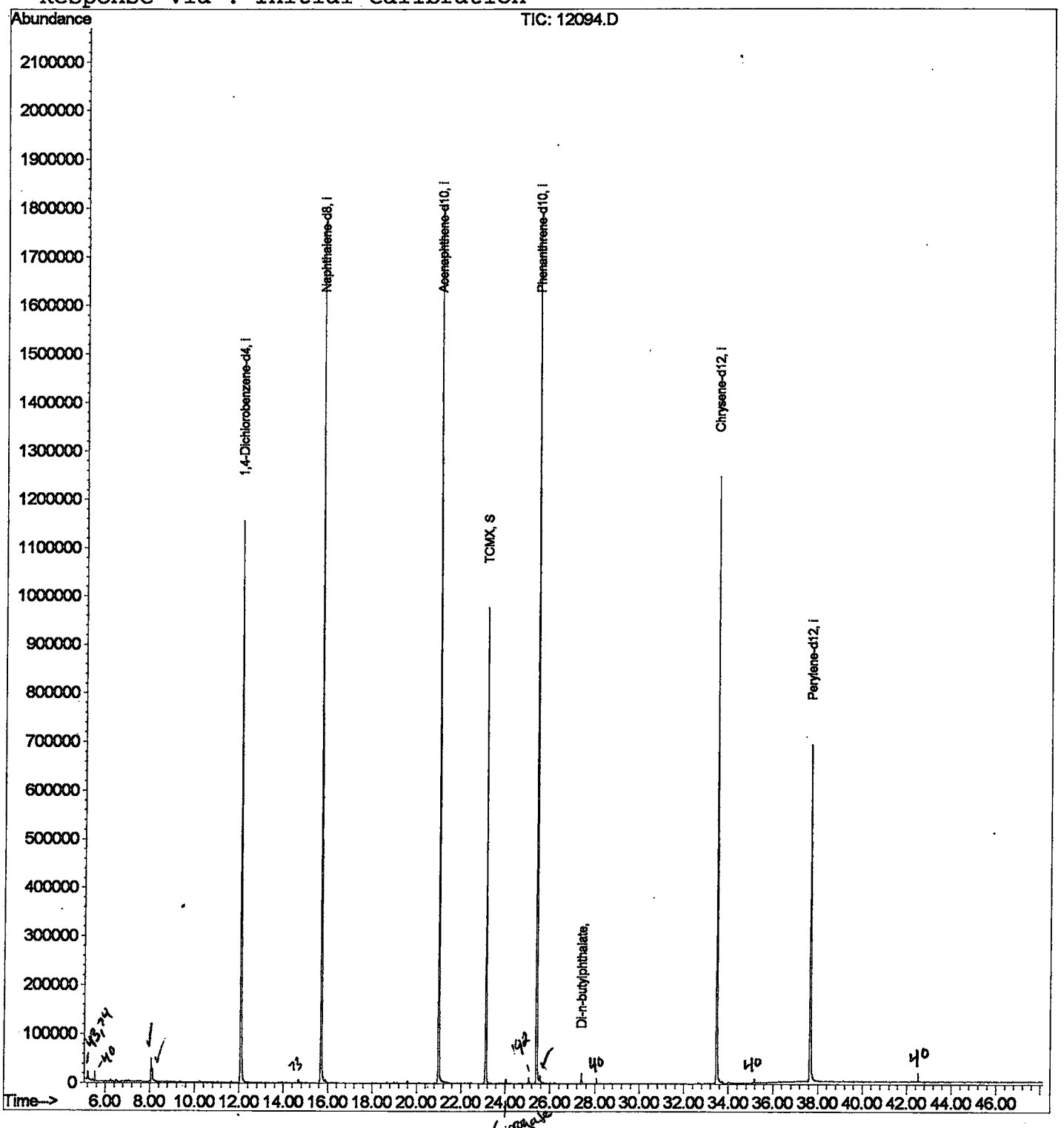
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12094.D
Acq On : 1 Jun 2002 3:44 am
Sample : re-ext
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:36 2002

Vial: 17
Operator: Morgan
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\MAY3102\12094.D Vial: 17
Acq On : 1 Jun 2002 3:44 am Operator: Morgan
Sample : re-ext 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

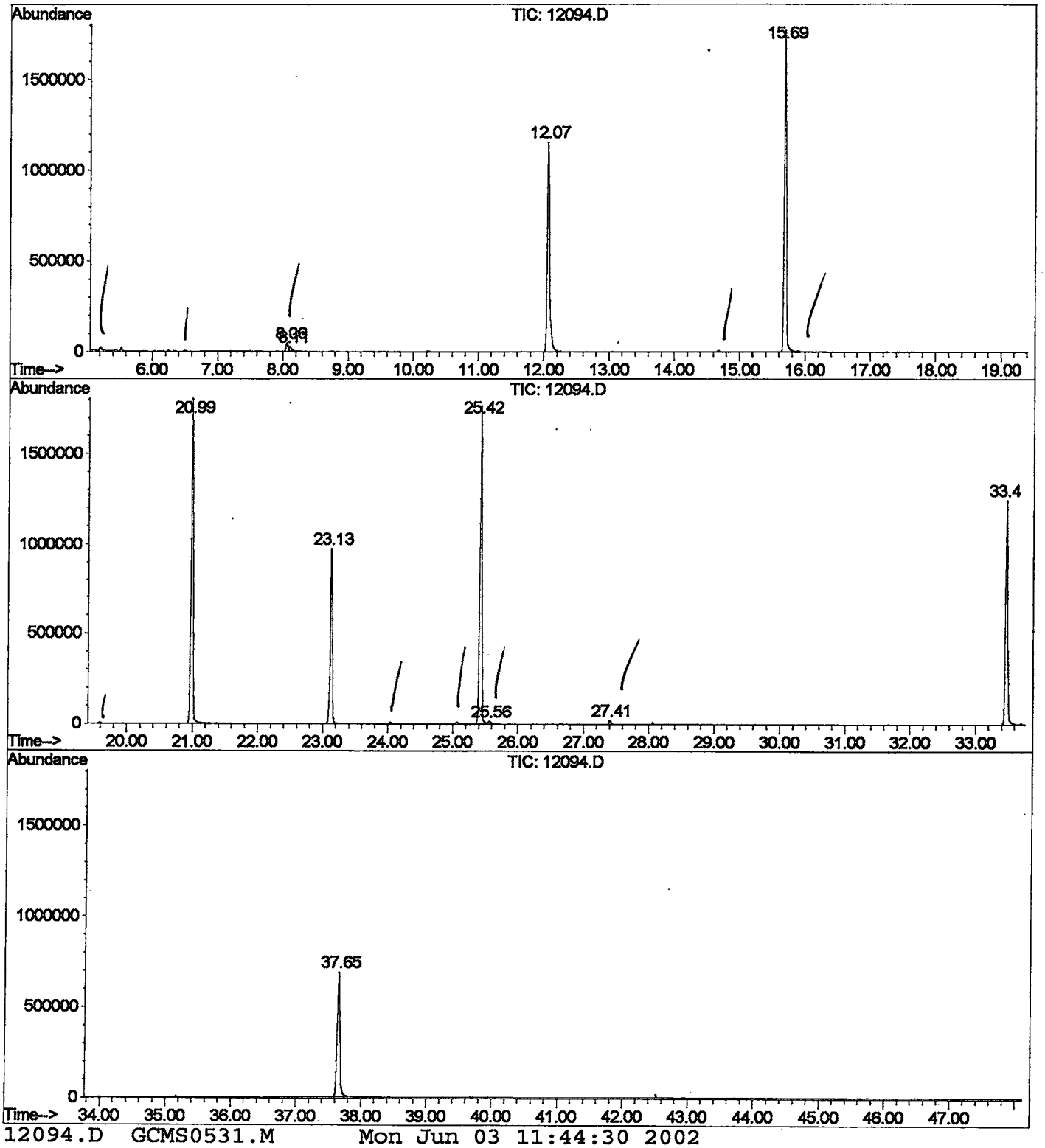
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.063	325	329	332	rBV	48199	99463	2.56%	0.461%
2	8.108	332	334	343	rVB	26740	58758	1.51%	0.272%
3	12.065	759	765	783	rBV	1155857	2758124	71.04%	12.771%
4	15.691	1153	1160	1175	rBV	1769563	3743442	96.41%	17.333%
5	20.988	1730	1737	1755	rBV	1806431	3838023	98.85%	17.771%
6	23.127	1961	1970	1984	rBV	977518	2168076	55.84%	10.039%
7	25.423	2213	2220	2232	rBV2	1768249	3882683	100.00%	17.978%
8	25.560	2232	2235	2244	rVB	14662	39789	1.02%	0.184%
9	27.405	2430	2436	2441	rBV	21750	42927	1.11%	0.199%
10	33.474	3090	3097	3117	rBV2	1247412	2881080	74.20%	13.340%
11	37.651	3544	3552	3569	rBV2	690283	2084359	53.68%	9.651%

Sum of corrected areas: 21596724

12094.D GCMS0531.M Mon Jun 03 11:44:29 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12094.D
Operator : Morgan
Acquired : 1 Jun 2002 3:44 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 17
Quant File :GCMS0531.RES (RTE Integrator)



12094.D GCMS0531.M Mon Jun 03 11:44:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12094.D Vial: 17
Acq On : 1 Jun 2002 3:44 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

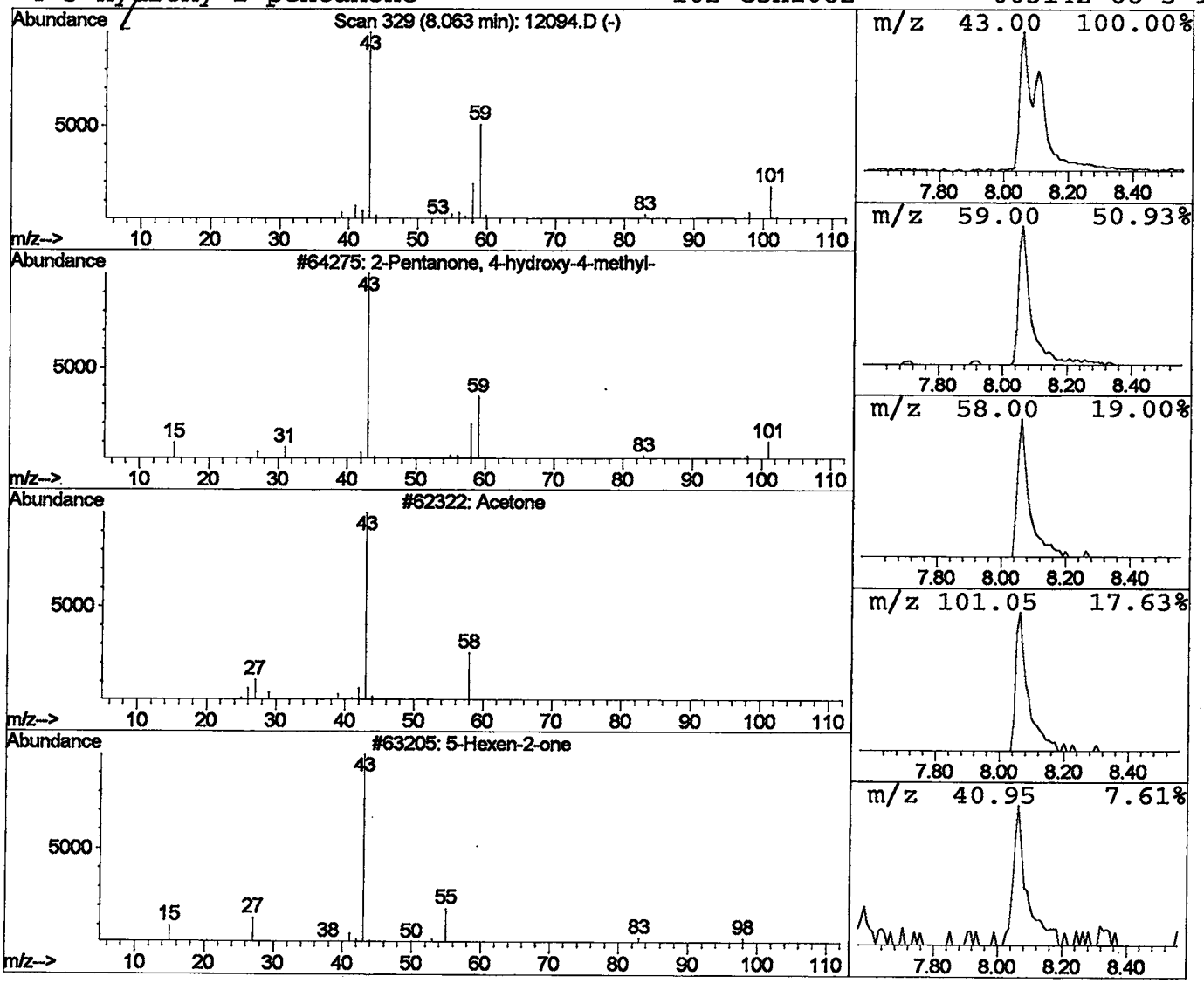
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.44 ug/l	99463	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	Acetone	58	C3H6O	000067-64-1	12
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12094.D
Acq On : 1 Jun 2002 3:44 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: Morgan
Inst : 209
Multiplr: 1.00

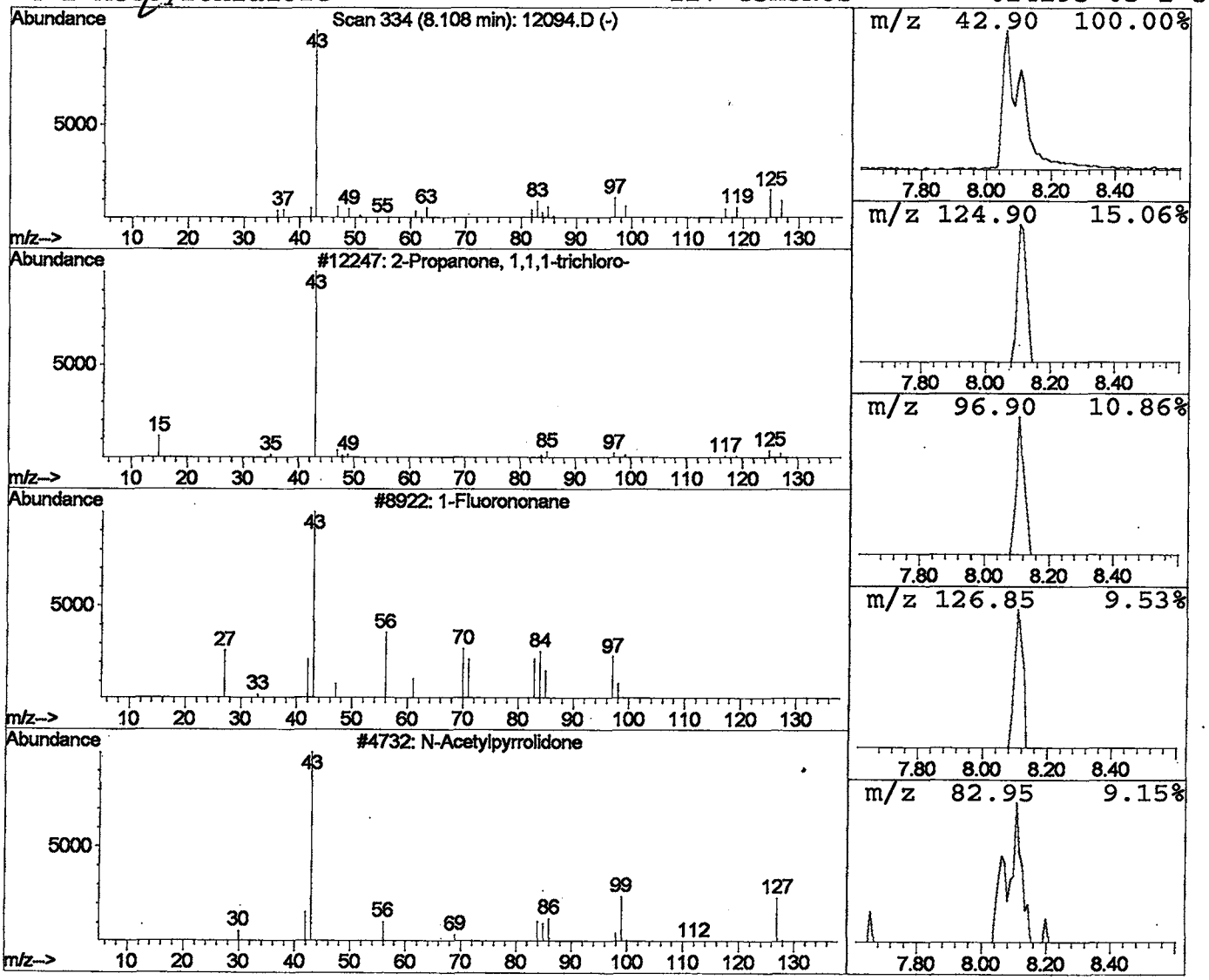
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.85 ug/l	58758	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	36
2	1-Fluorononane	146	C9H19F	000463-18-3	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12094.D Vial: 17
Acq On : 1 Jun 2002 3:44 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

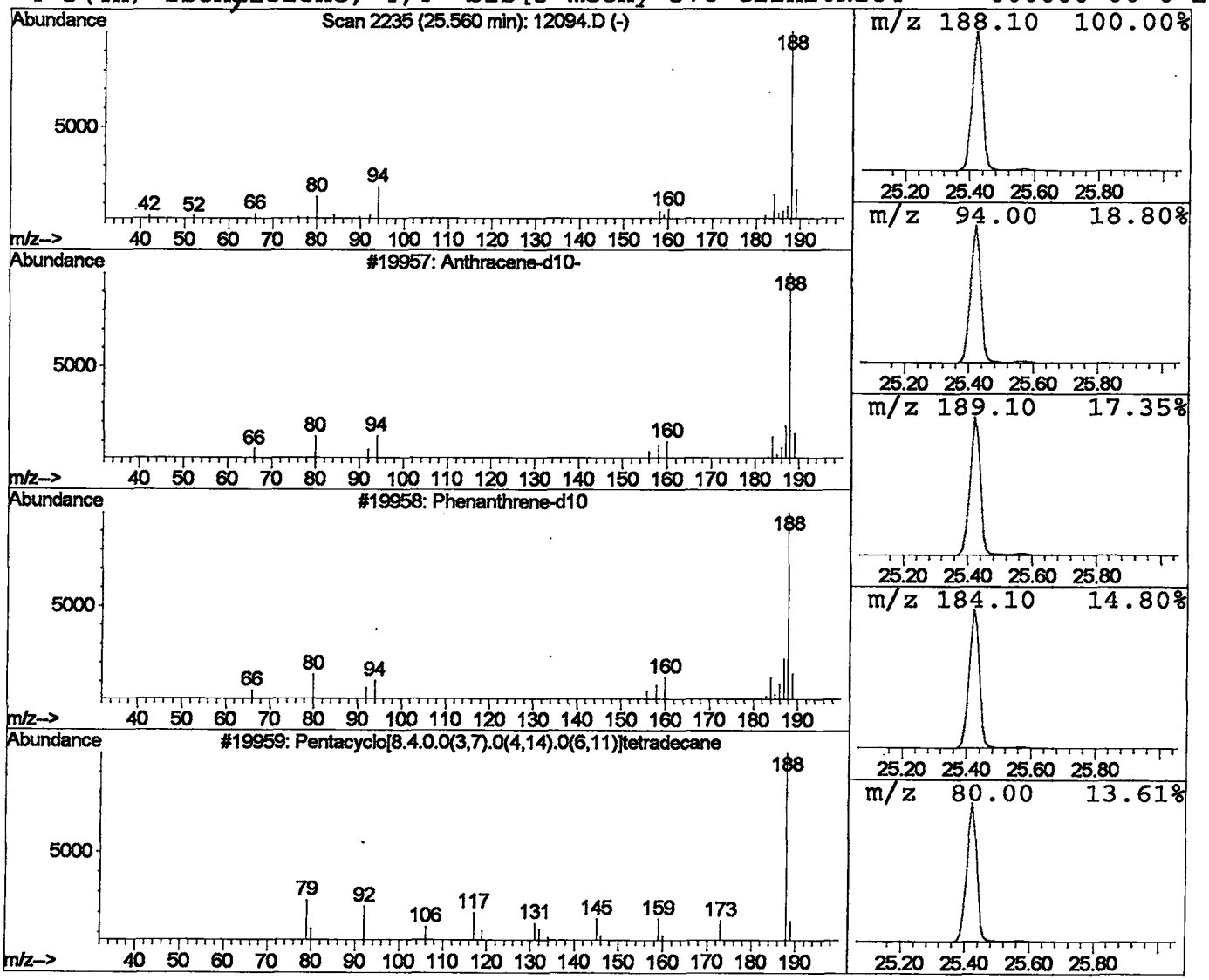
Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.41 ug/l	39789	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	40
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36
4	5(4H)-Isoxazolone, 4,4'-bis[3-methy	376	C22H20N2O4	000000-00-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 1 Jun 2002 3:44 am
Data File: C:\HPCHEM\1\DATA\MAY3102\12094.D
Name: re-ext
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	8.06	1.4	ug/l	99463	ISTD01	12.07	2758120	40.0
2-Propanone, 1,1,1-t	8.11	0.9	ug/l	58758	ISTD01	12.07	2758120	40.0
Anthracene-d10-	25.56	0.4	ug/l	39789	ISTD04	25.42	3882680	40.0

12094.D GCMS0531.M Mon Jun 03 11:44:33 2002