Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094719.D
Acq On : 3 Nov 2017 22:06
Operator : SJ/JU
Sample : I5902-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-12(1-3)-101317

Quant Time: Nov 04 01:16:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1549	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	9259	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	5179	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.24	188	10909	0.40	ng/ul	-0.02
16) Chrysene-d12	21.42	240	10908	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12122	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	799	0.05	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	1868	0.06	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.74	128	9909	0.44	ng/ul#	93
5) 2-Methylnaphthalene	12.34	142	3854	0.24	ng/ul	96
7) Acenaphthylene	14.24	152	2588	0.11	ng/ul	95
8) Acenaphthene	14.57	153	1285	0.08	ng/ul	95
9) Fluorene	15.56	166	1456	0.08	ng/ul#	91
12) Phenanthrene	17.38	178	4870	0.17	ng/ul	93
13) Anthracene	17.38	178	5791	0.20	ng/ul	95
15) Fluoranthene	19.30	202	52027	1.56	ng/ul	84
17) Pyrene	19.67	202	49951	1.48	ng/ul#	80
18) Benzo(a)anthracene	21.40	228	34863	1.12	ng/ul#	89
19) Chrysene	21.46	228	45207	1.40	ng/ul	97
21) Benzo(b)fluoranthene	23.18	252	81227	2.38	ng/ul	87
22) Benzo(k)fluoranthene	23.18	252	81227	2.22	ng/ul#	89
23) Benzo(a)pyrene	23.84	252	35770	1.05	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.66	276	24733	0.70	ng/ul#	75
25) Dibenzo(a,h)anthracene	26.64	278	6155	0.21	ng/ul#	82
26) Benzo(g,h,i)perylene	27.50	276	20595	0.73	ng/ul	95

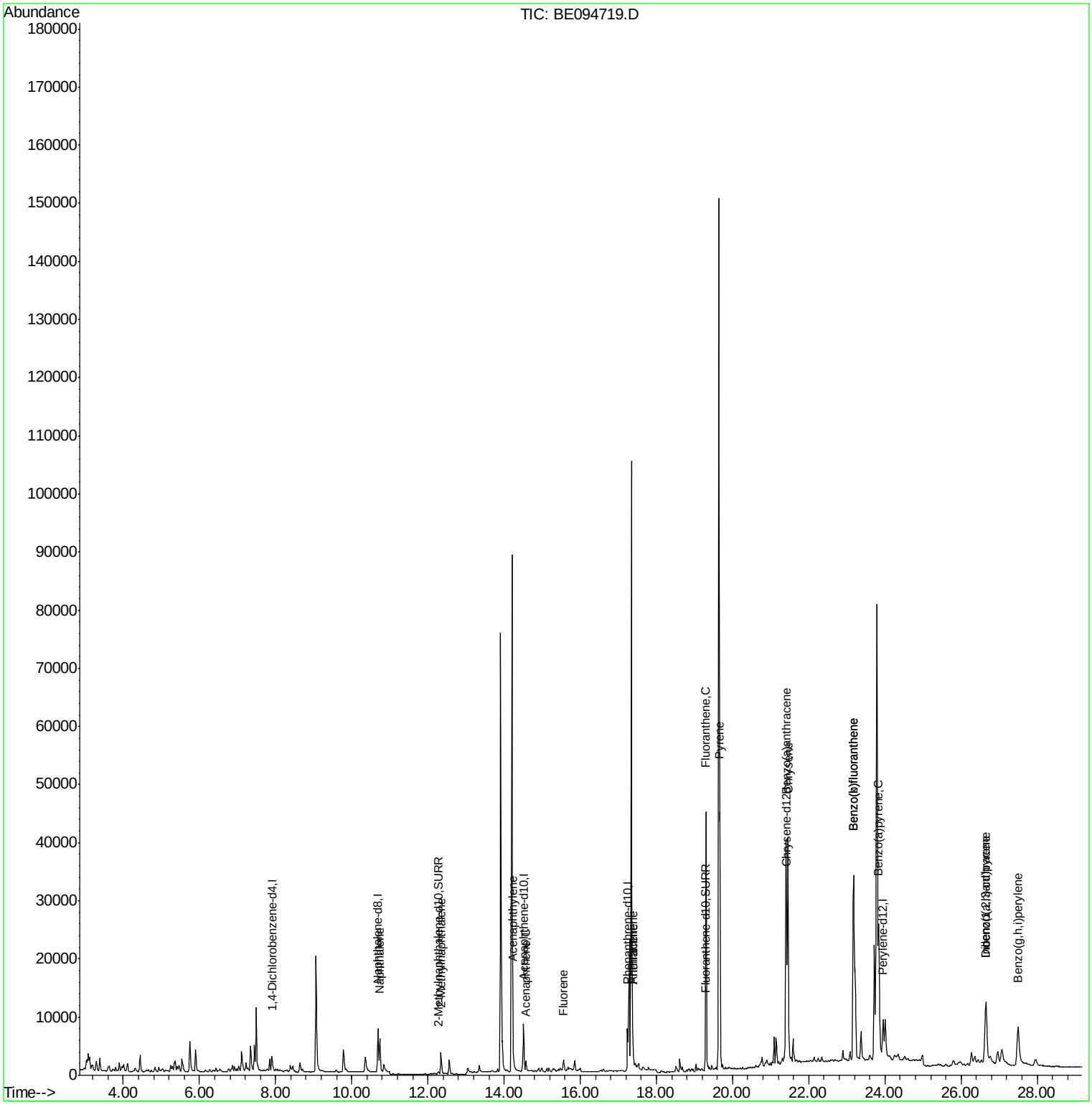
(#) = qualifier out of range (m) = manual integration (+) = signals summed

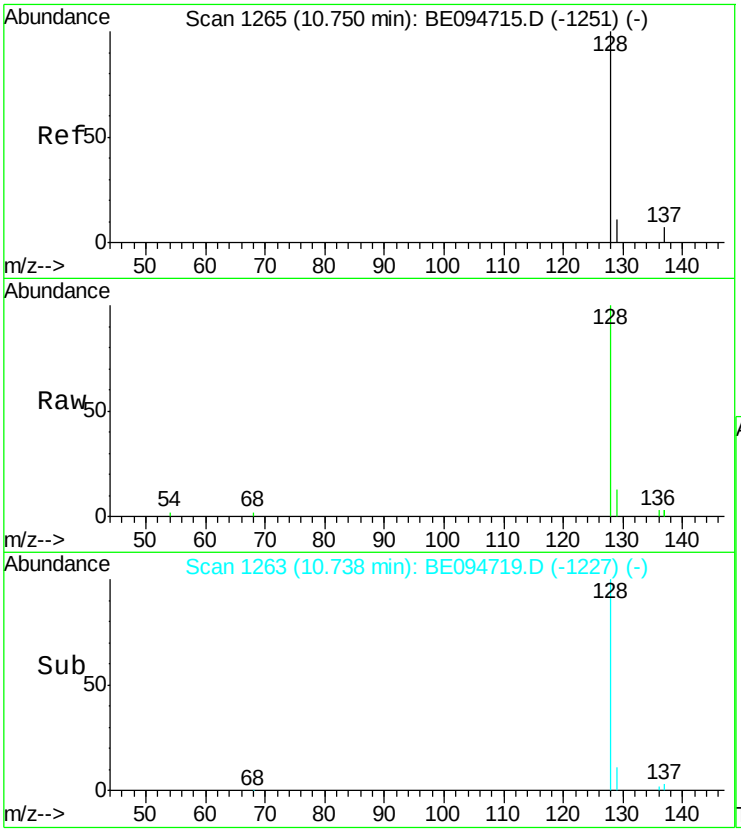
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094719.D
Acq On : 3 Nov 2017 22:06
Operator : SJ/JU
Sample : I5902-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Quant Time: Nov 04 01:16:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 04 01:15:30 2017
Response via : Initial Calibration



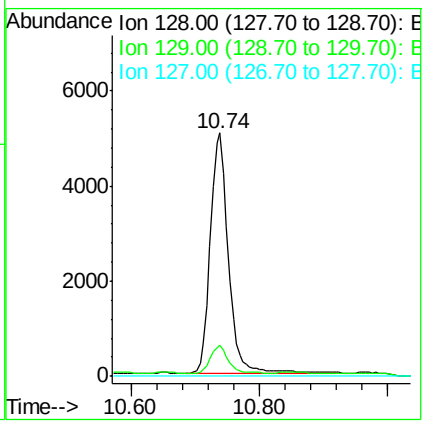


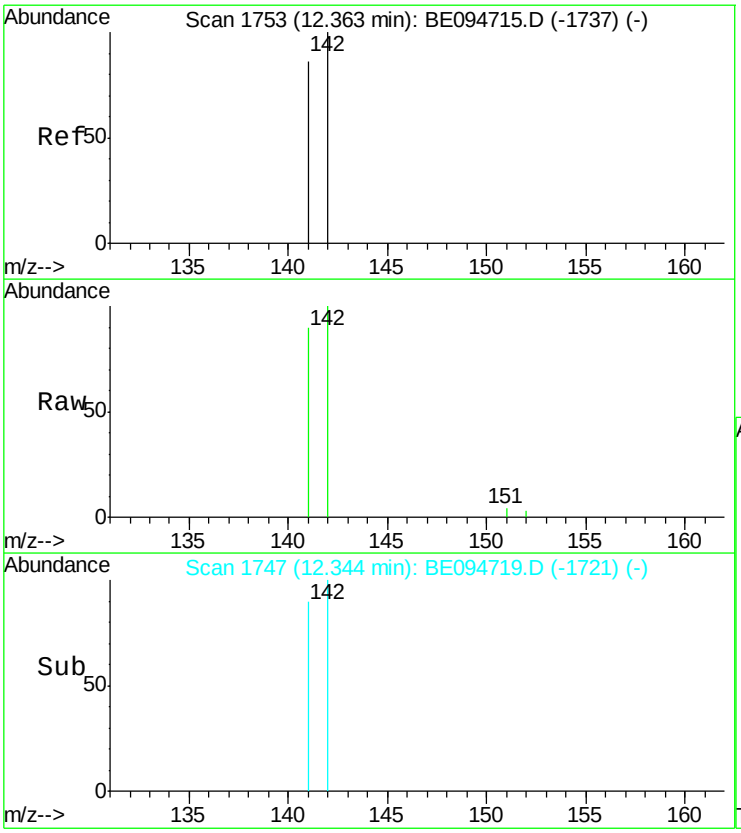
#3
Naphthalene
Concen: 0.44 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:128 Resp: 9909

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.3	16.9
127	0.0	4.0	6.0#

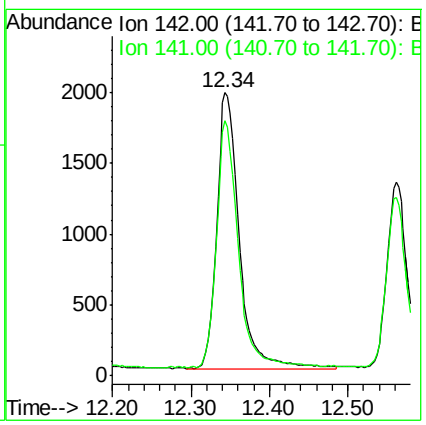


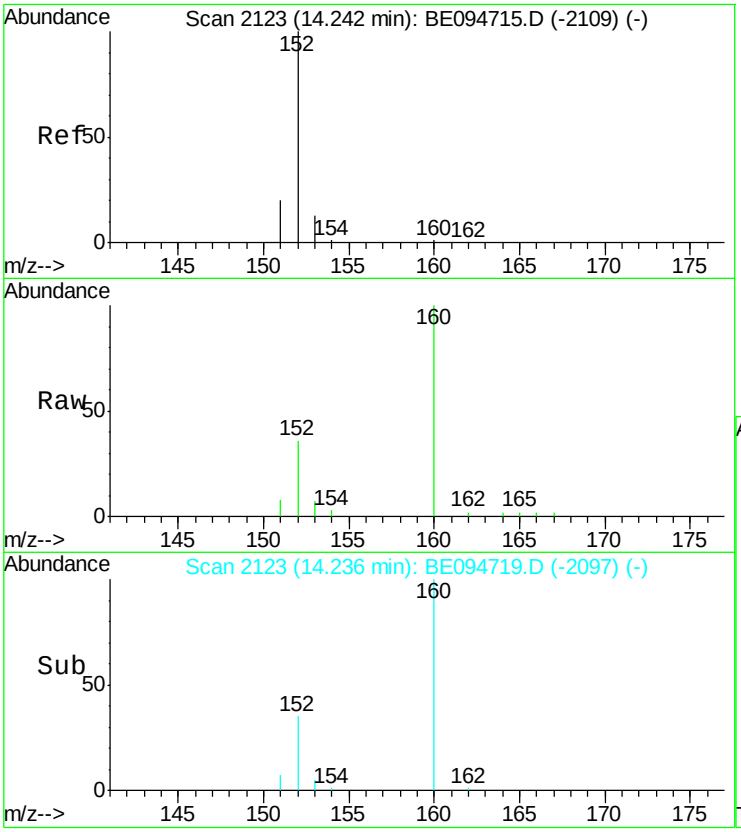


#5
2-Methylnaphthalene
Concen: 0.24 ng/ul
RT: 12.34 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:142 Resp: 3854

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.6	108.8



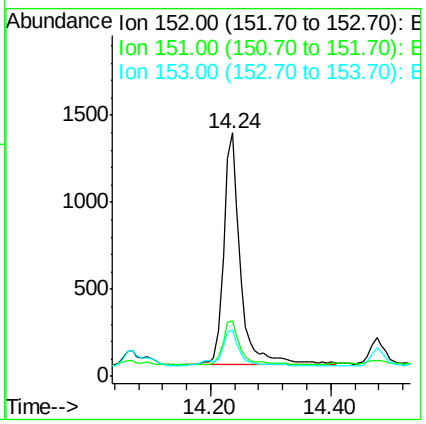


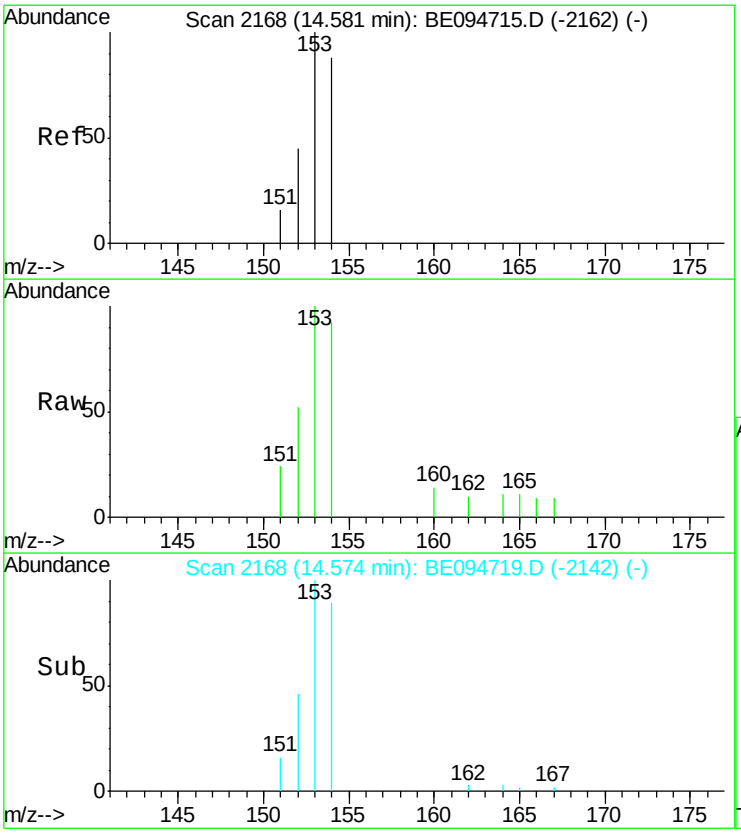
#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:152 Resp: 2588

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	18.9	12.8	19.2

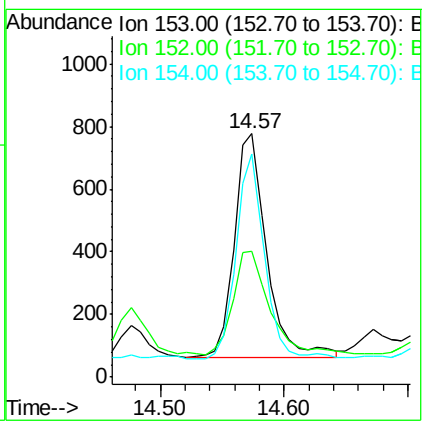


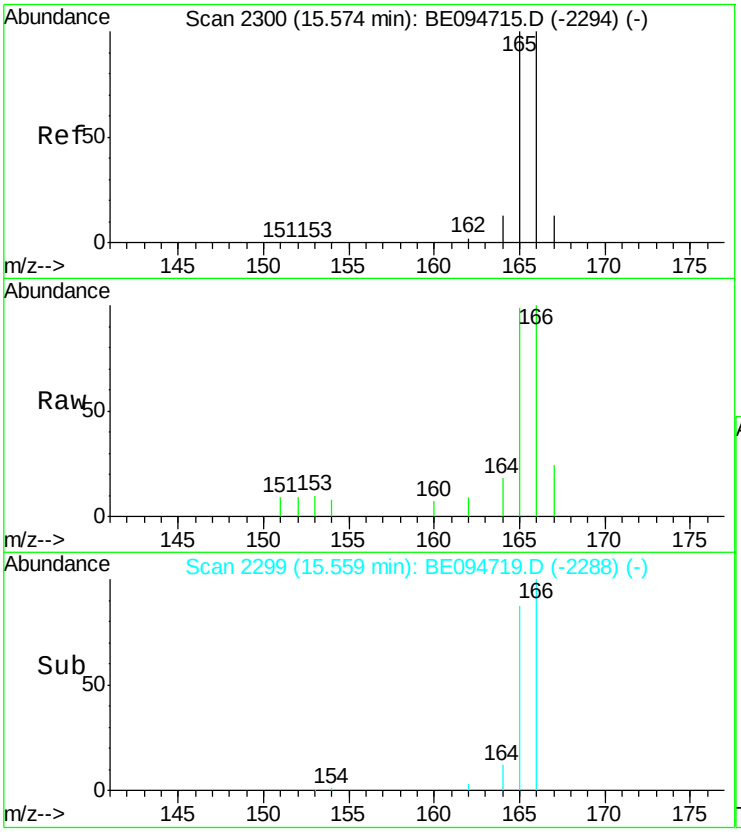


#8
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:153 Resp: 1285

Ion	Ratio	Lower	Upper
153	100		
152	51.7	36.0	54.0
154	91.8	72.0	108.0



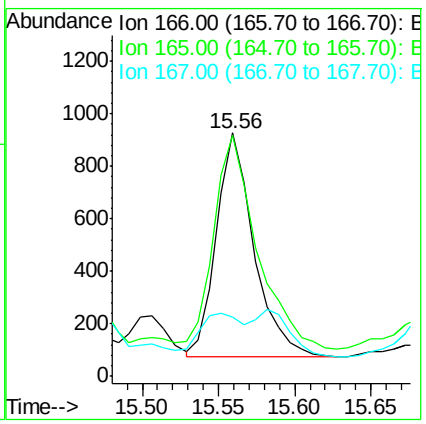


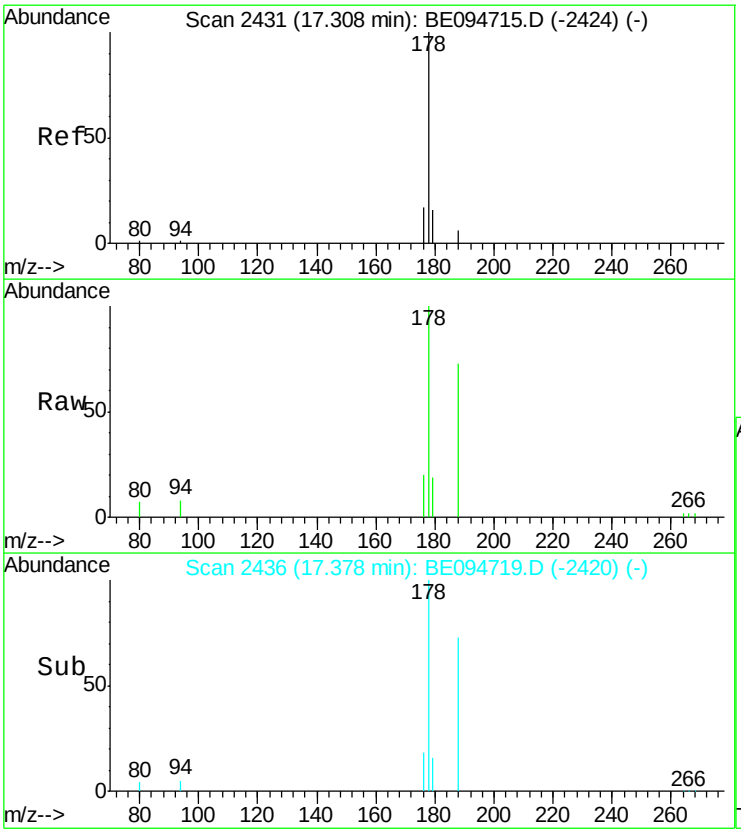
#9
Fluorene
Concen: 0.08 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:166 Resp: 1456

Ion	Ratio	Lower	Upper
166	100		
165	99.2	73.4	110.2
167	24.5	14.6	22.0#

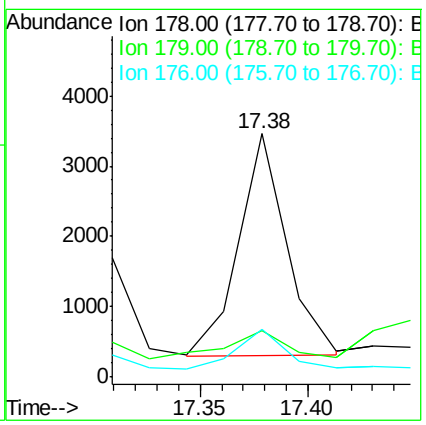


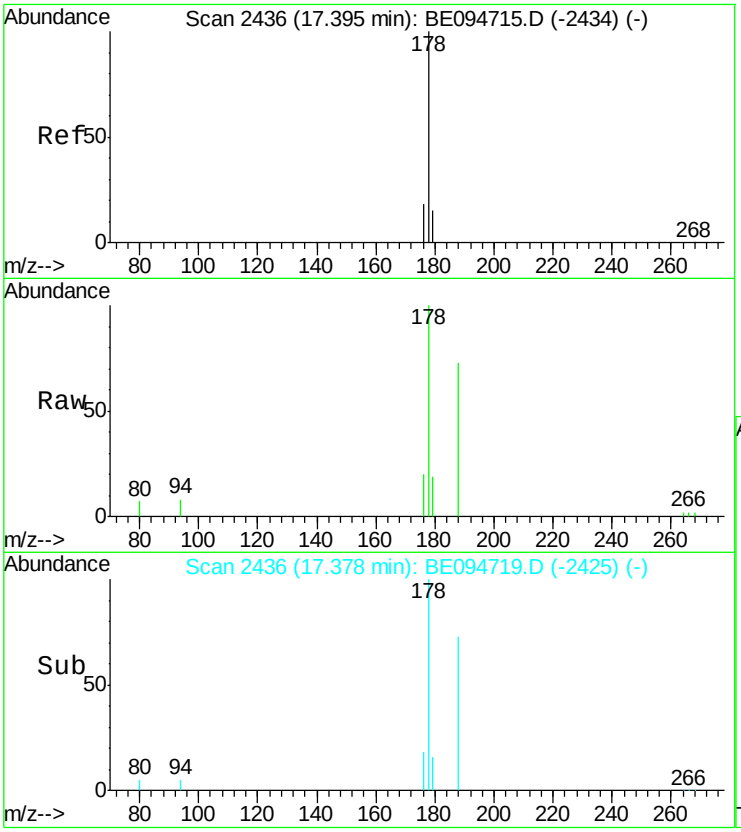


#12
Phenanthrene
Concen: 0.17 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. 0.07 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:178 Resp: 4870

Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.4	27.6
176	19.6	13.6	20.4



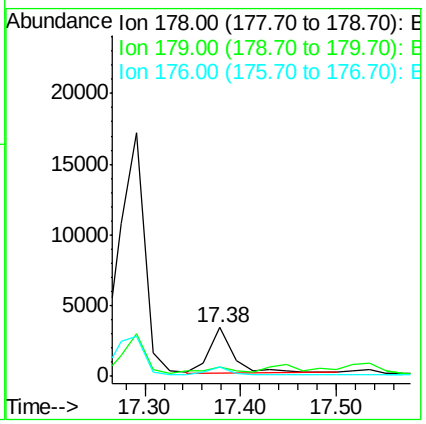


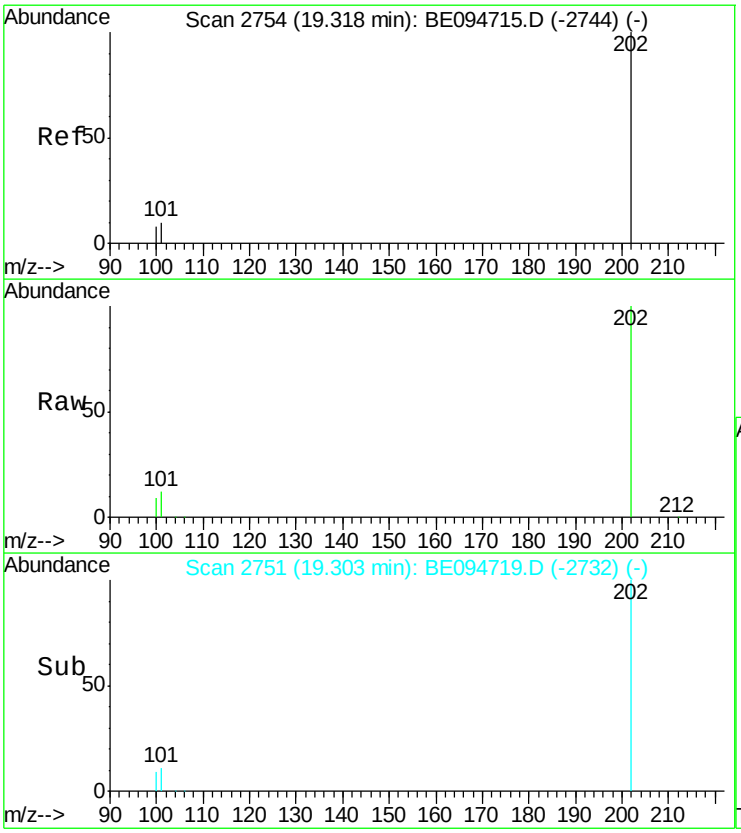
#13
Anthracene
Concen: 0.20 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:178 Resp: 5791

Ion	Ratio	Lower	Upper
178	100		
179	19.2	18.1	27.1
176	19.6	14.7	22.1

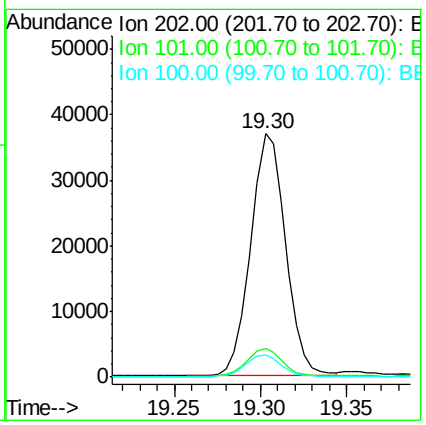


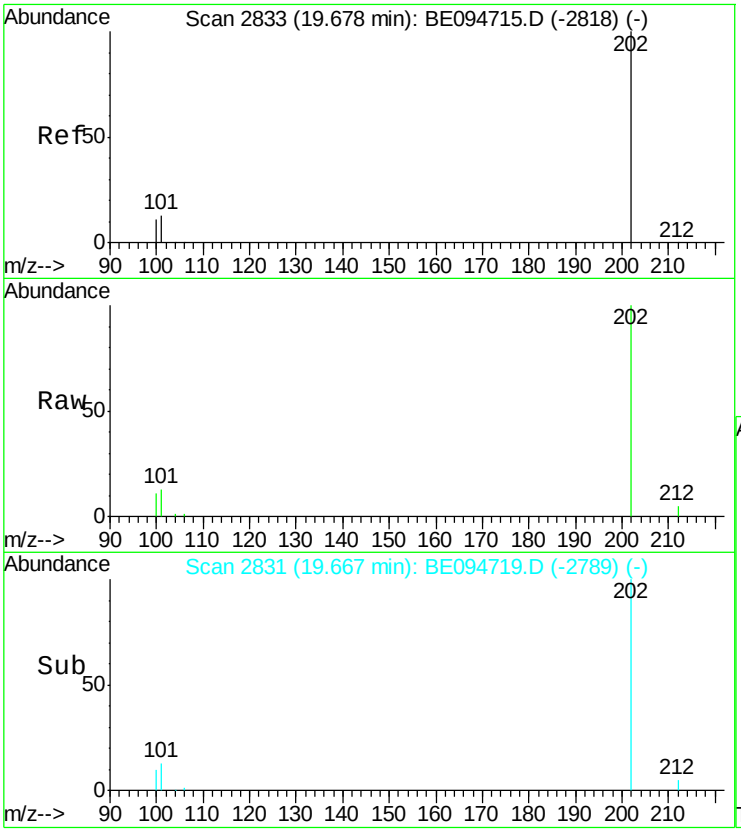


#15
Fluoranthene
Concen: 1.56 ng/ul
RT: 19.30 min Scan# 2751
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:202 Resp: 52027

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	30.3
100	9.3	0.0	39.5



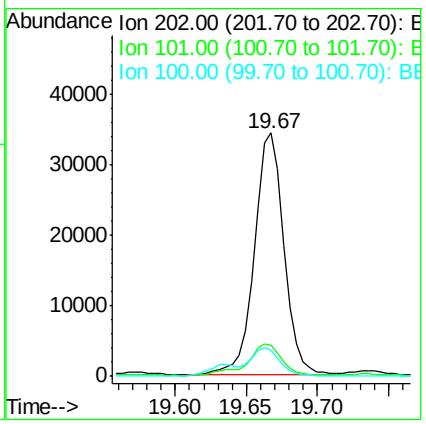


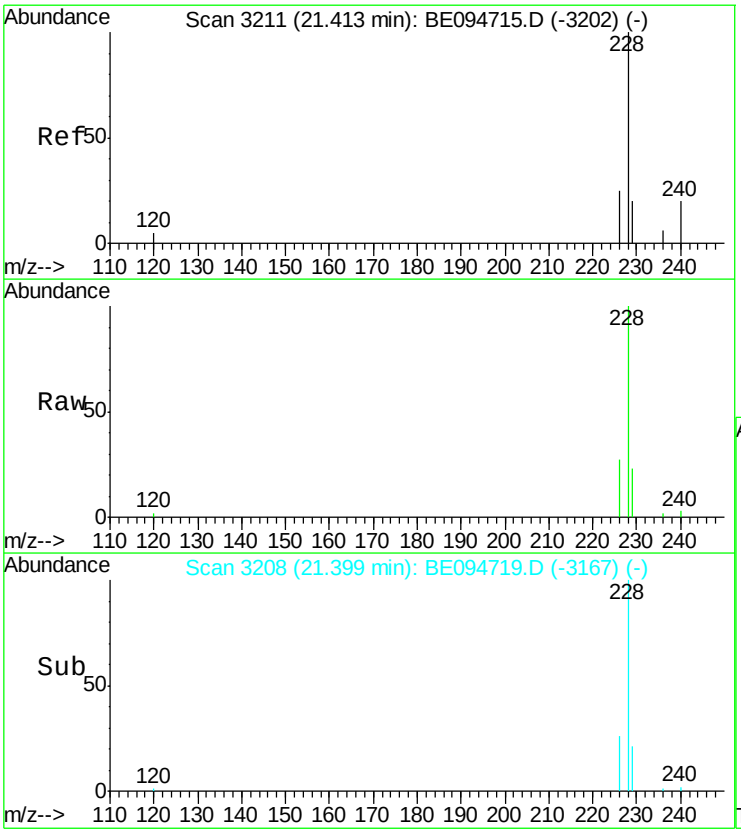
#17
Pyrene
Concen: 1.48 ng/ul
RT: 19.67 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:202 Resp: 49951

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	10.7	15.6	23.4#

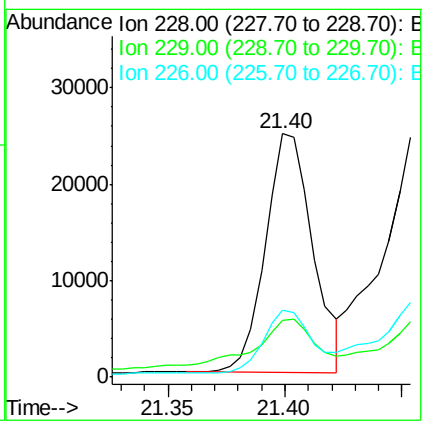


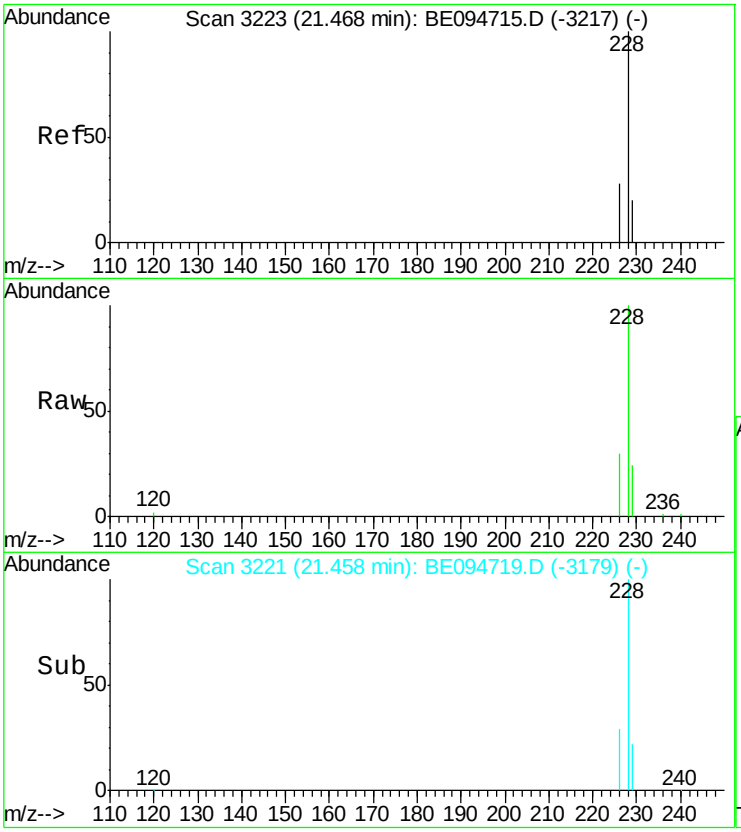


#18
Benzo(a)anthracene
Concen: 1.12 ng/ul
RT: 21.40 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:228 Resp: 34863

Ion	Ratio	Lower	Upper
228	100		
229	23.4	22.8	34.2
226	27.5	17.0	25.6#



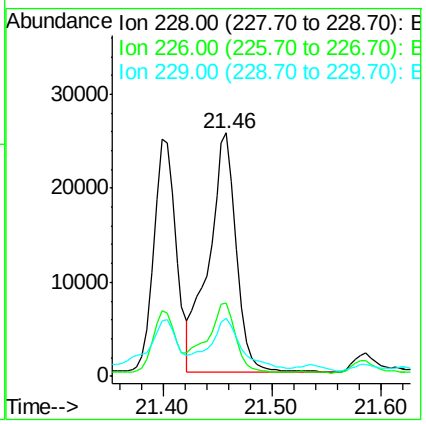


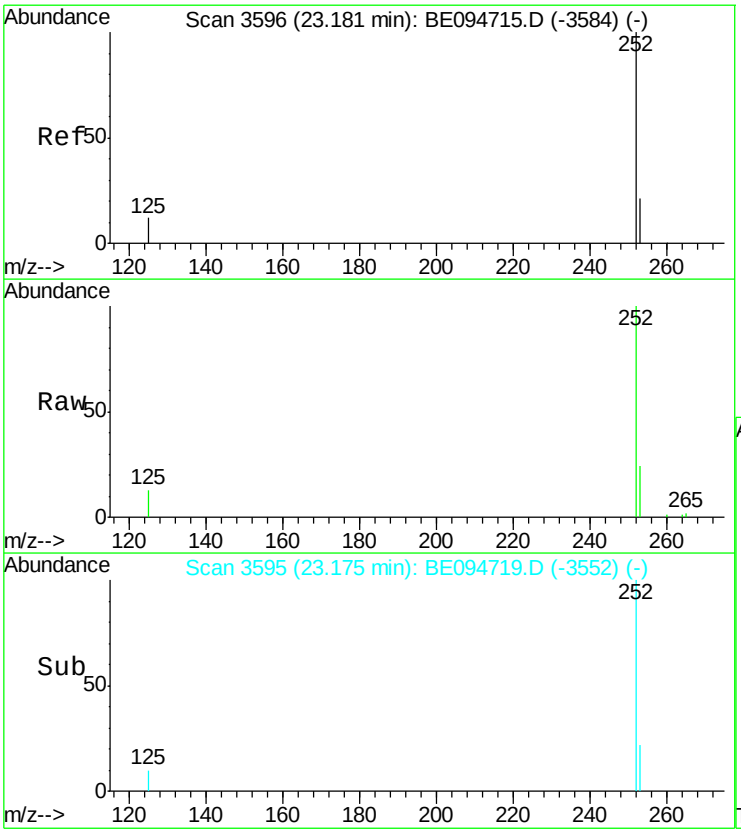
#19
Chrysene
Concen: 1.40 ng/ul
RT: 21.46 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:228 Resp: 45207

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.0
229	24.0	17.7	26.5

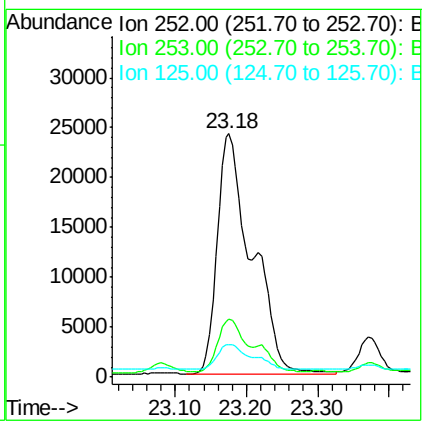


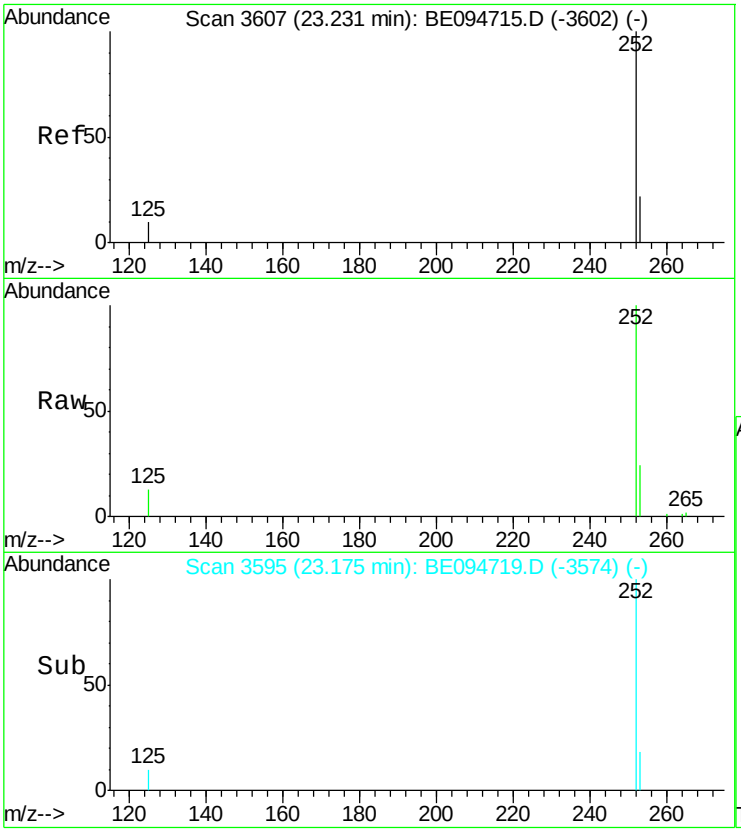


#21
Benzo(b)fluoranthene
Concen: 2.38 ng/ul
RT: 23.18 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:252 Resp: 81227

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	64.2
125	13.3	0.0	35.0



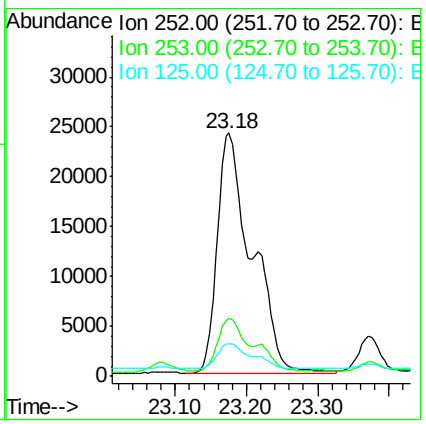


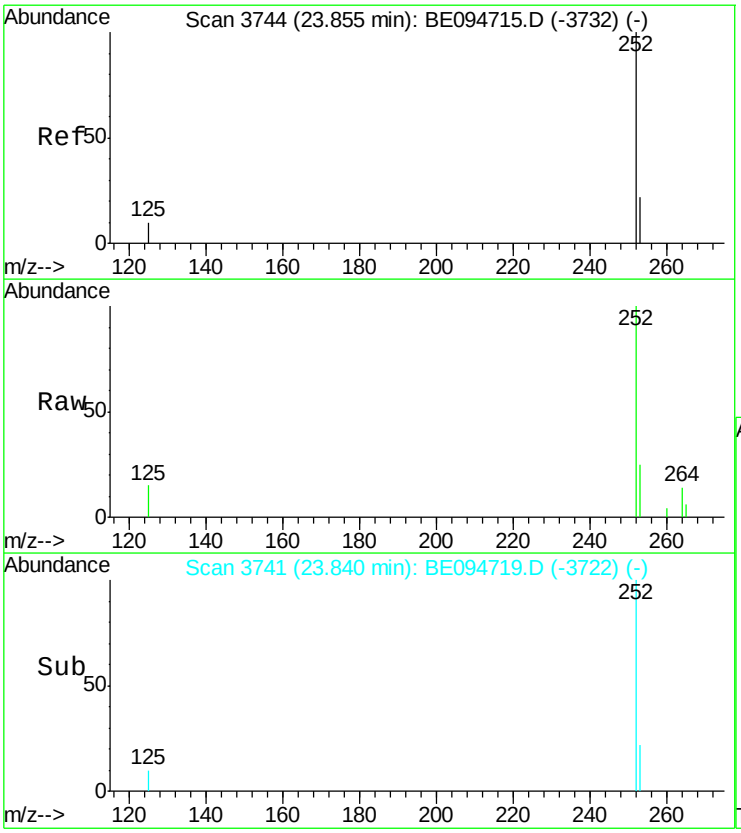
#22
Benzo(k)fluoranthene
Concen: 2.22 ng/ul
RT: 23.18 min Scan# 3595
Delta R.T. -0.06 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:252 Resp: 81227

Ion	Ratio	Lower	Upper
252	100		
253	23.8	24.5	36.7#
125	13.3	13.7	20.5#

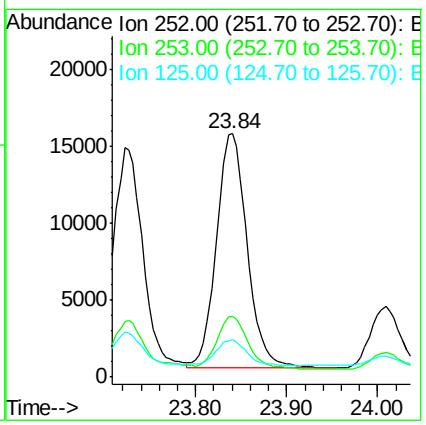


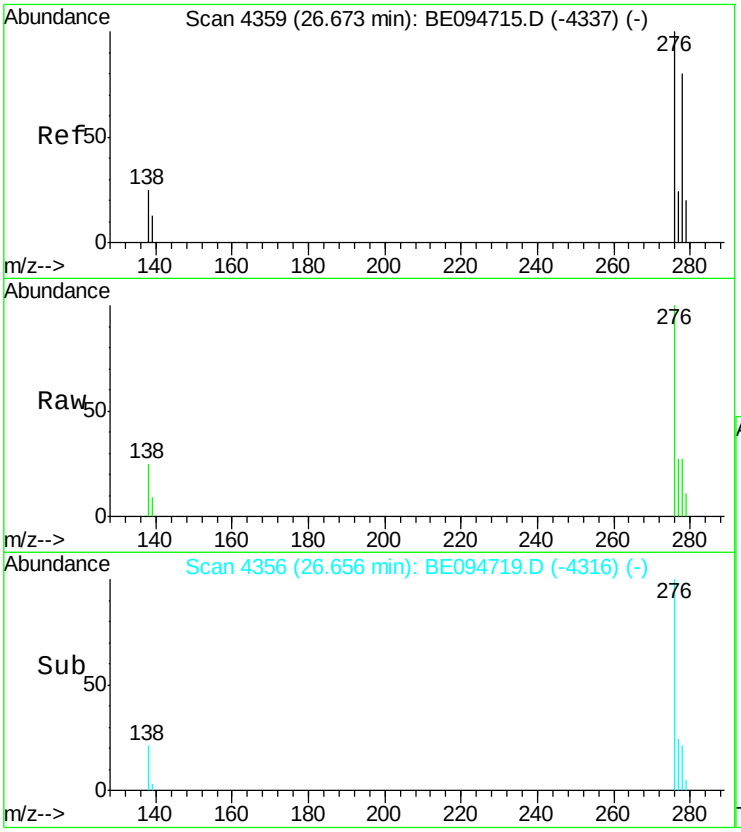


#23
Benzo(a)pyrene
Concen: 1.05 ng/ul
RT: 23.84 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:252 Resp: 35770

Ion	Ratio	Lower	Upper
252	100		
253	24.8	28.5	42.7#
125	15.3	18.1	27.1#



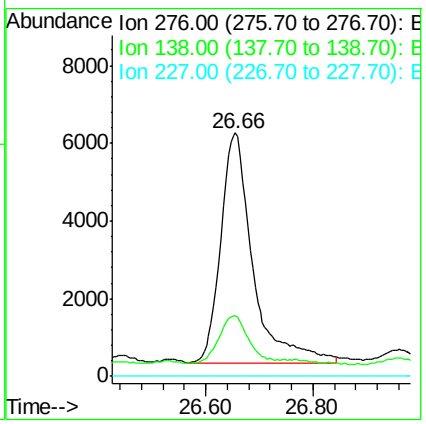


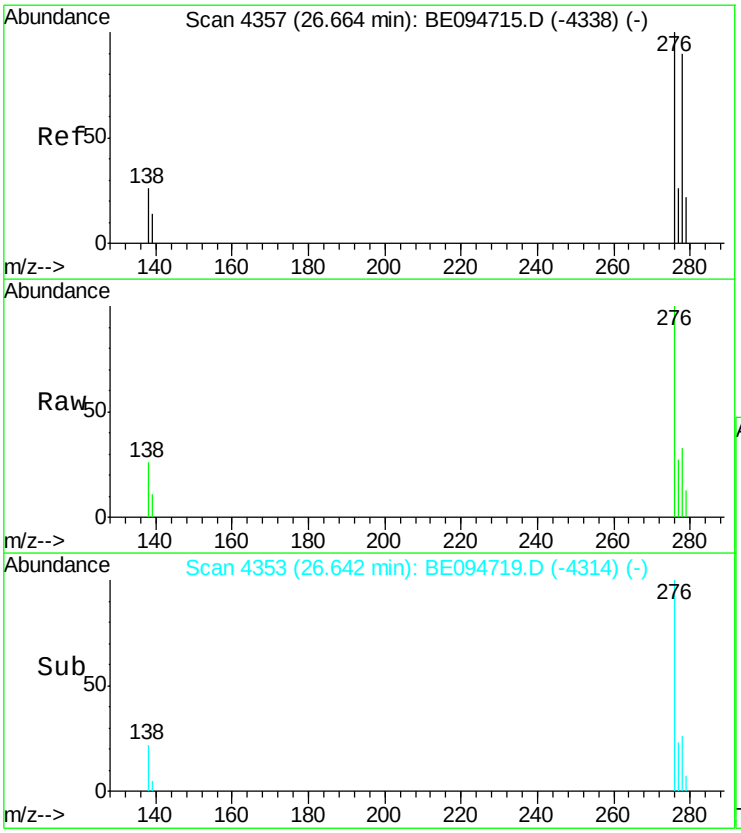
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.70 ng/ul
RT: 26.66 min Scan# 4356
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:276 Resp: 24733

Ion	Ratio	Lower	Upper
276	100		
138	20.5	28.0	42.0#
227	0.0	8.0	12.0#

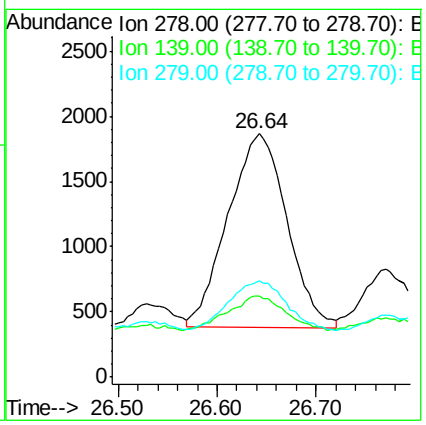


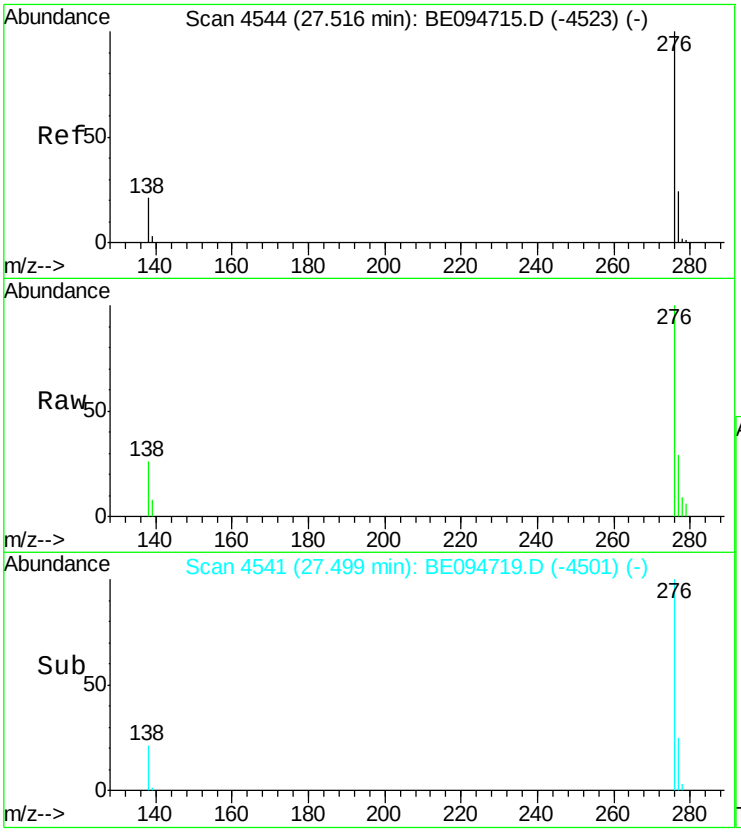


#25
Dibenzo(a,h)anthracene
Concen: 0.21 ng/ul
RT: 26.64 min Scan# 4353
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Tgt Ion:278 Resp: 6155

Ion	Ratio	Lower	Upper
278	100		
139	33.3	17.4	26.0#
279	39.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.73 ng/ul
RT: 27.50 min Scan# 4541
Delta R.T. -0.02 min
Lab File: BE094719.D
Acq: 3 Nov 2017 22:06

Instrument :
BNA_E
ClientSampleId :
B-12(1-3)-101317

Tgt Ion:276 Resp: 20595

Ion	Ratio	Lower	Upper
276	100		
138	25.8	21.8	32.8
277	29.1	20.5	30.7