Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094755.D
Acq On : 6 Nov 2017 16:16
Operator : SJ/JU
Sample : I6120-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-78(0.5-1.5)-102517

Quant Time: Nov 07 00:13:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 00:12:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1248	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	7588	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4285	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	9141	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	9337	0.40	ng/ul	0.00
20) Perylene-d12	23.97	264	9312	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	514	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1216	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	2598	0.14	ng/ul#	92
5) 2-Methylnaphthalene	12.36	142	891	0.07	ng/ul	94
7) Acenaphthylene	14.24	152	1068	0.06	ng/ul#	85
8) Acenaphthene	14.58	153	3928	0.28	ng/ul	99
9) Fluorene	15.57	166	3471	0.22	ng/ul	93
12) Phenanthrene	17.29	178	63727	2.64	ng/ul#	88
13) Anthracene	17.38	178	17830	0.75	ng/ul#	91
15) Fluoranthene	19.31	202	127598	4.57	ng/ul	83
17) Pyrene	19.67	202	108816	3.77	ng/ul#	80
18) Benzo(a)anthracene	21.41	228	70162	2.63	ng/ul#	87
19) Chrysene	21.47	228	61366	2.22	ng/ul	98
21) Benzo(b)fluoranthene	23.19	252	104676	4.00	ng/ul	87
22) Benzo(k)fluoranthene	23.19	252	104676	3.73	ng/ul#	89
23) Benzo(a)pyrene	23.86	252	53602	2.05	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	26.69	276	27391	1.01	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.67	278	6810	0.30	ng/ul#	80
26) Benzo(g,h,i)perylene	27.53	276	20223	0.93	ng/ul#	94

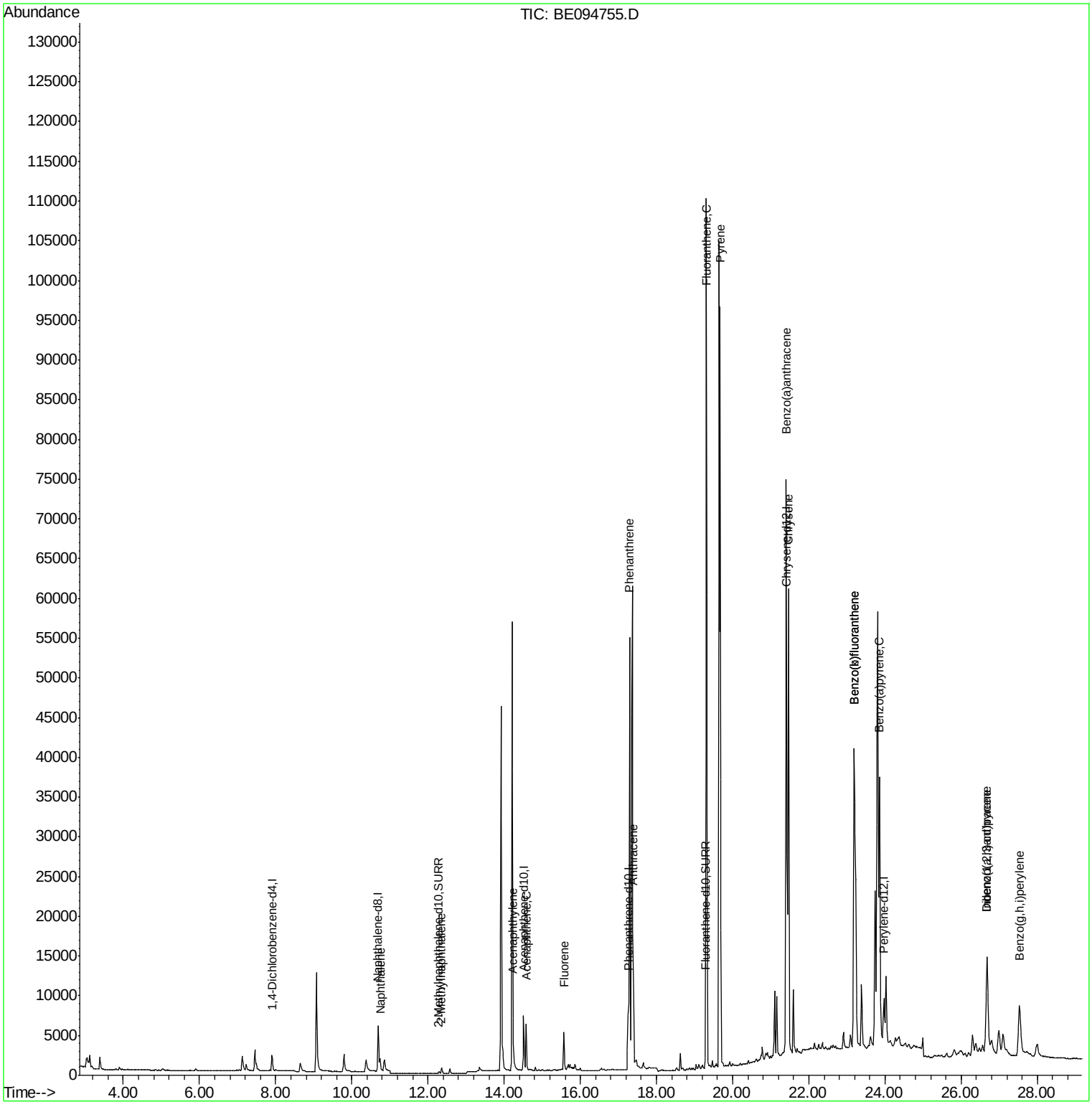
(#) = qualifier out of range (m) = manual integration (+) = signals summed

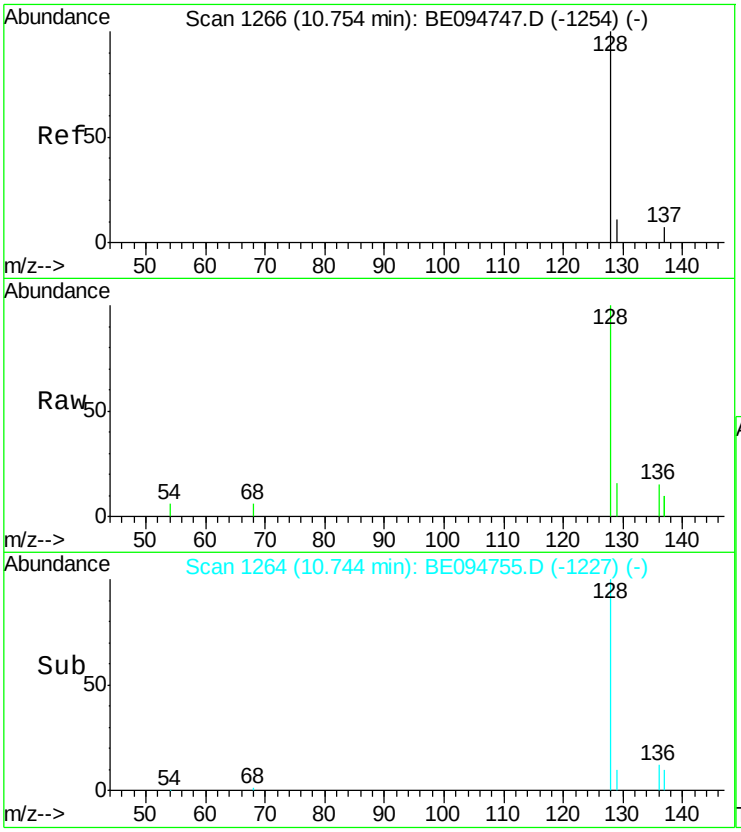
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110617\
Data File : BE094755.D
Acq On : 6 Nov 2017 16:16
Operator : SJ/JU
Sample : I6120-07 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Quant Time: Nov 07 00:13:59 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 00:12:32 2017
Response via : Initial Calibration



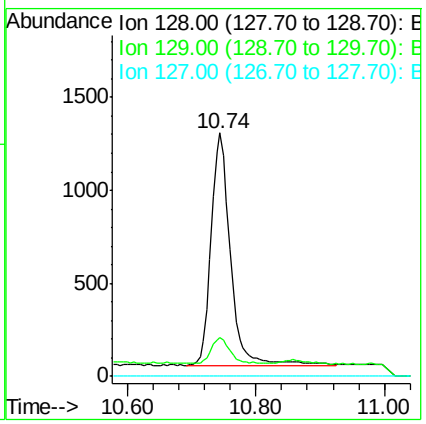


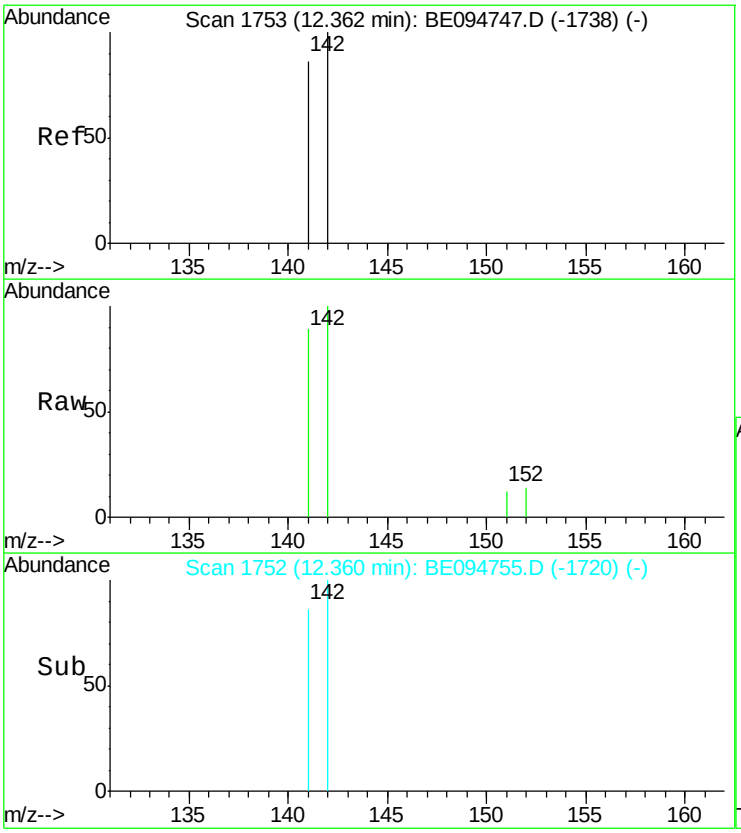
#3
Naphthalene
Concen: 0.14 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:128 Resp: 2598

Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	0.0	4.0	6.0#

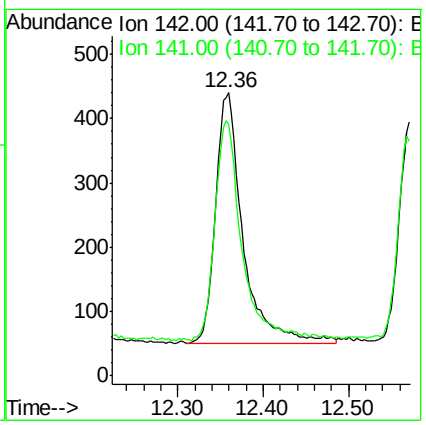


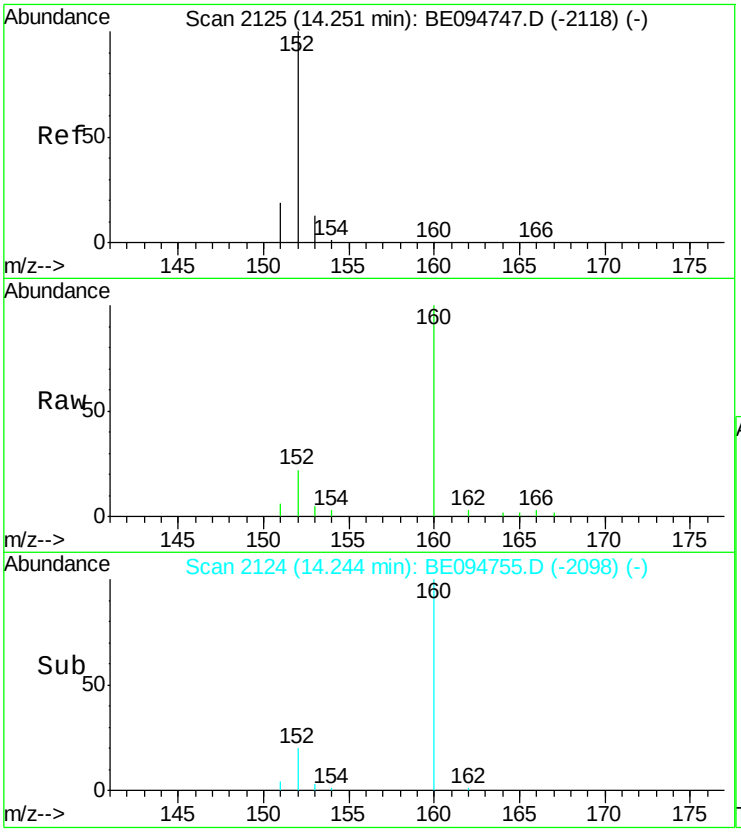


#5
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:142 Resp: 891

Ion	Ratio	Lower	Upper
142	100		
141	85.2	72.6	108.8



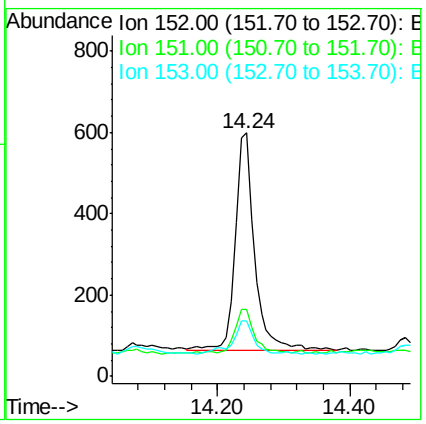


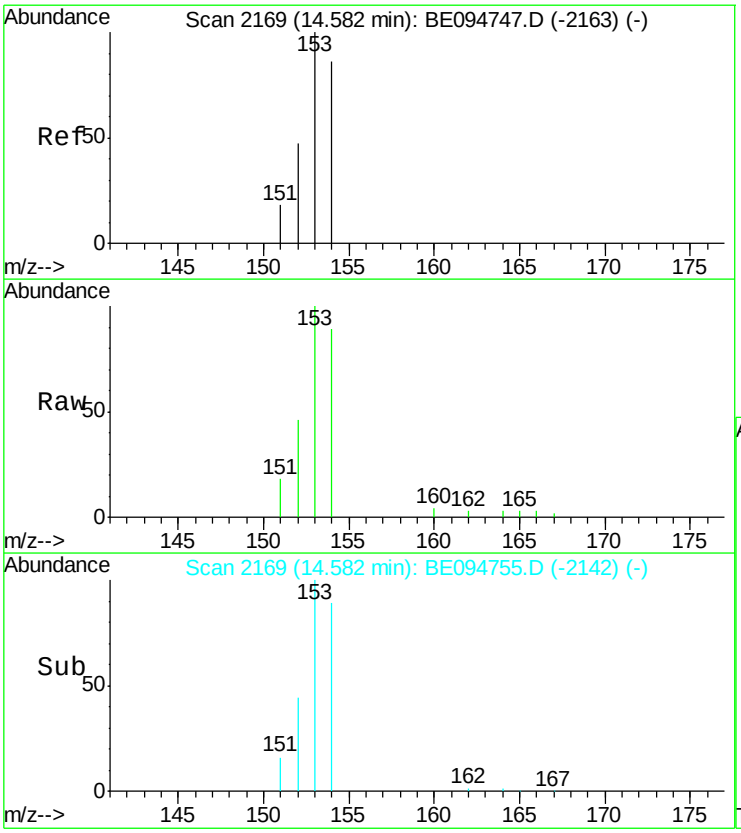
#7
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:152 Resp: 1068

Ion	Ratio	Lower	Upper
152	100		
151	27.7	17.1	25.7#
153	22.9	12.8	19.2#

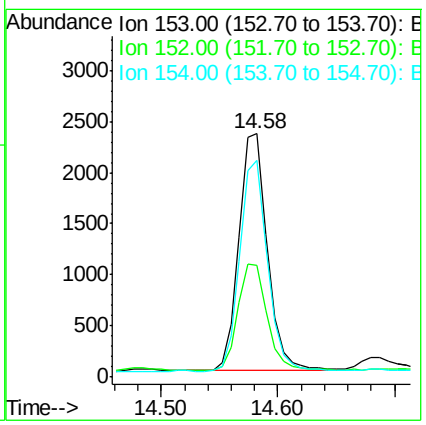


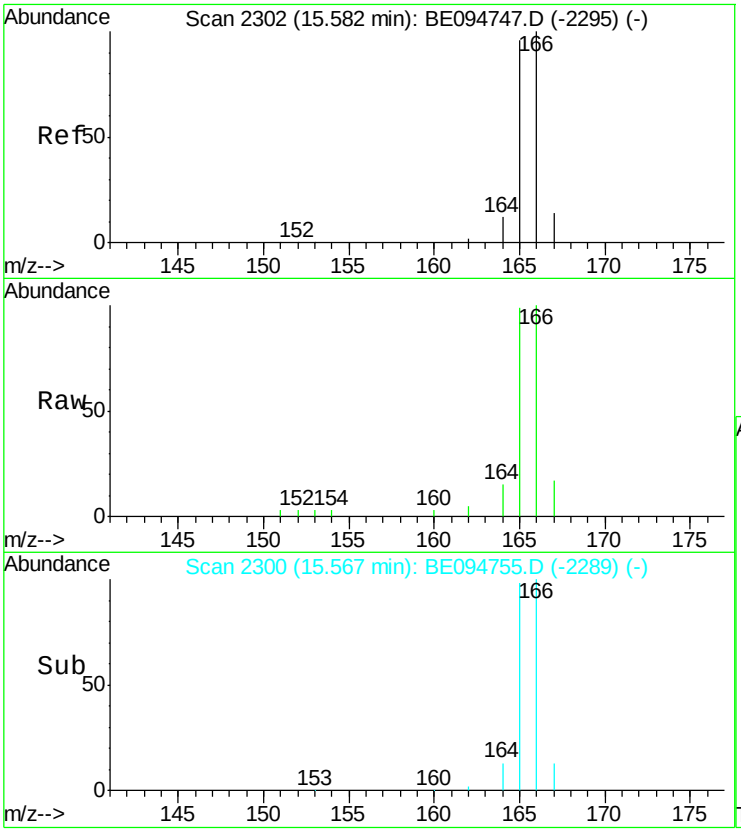


#8
Acenaphthene
Concen: 0.28 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:153 Resp: 3928

Ion	Ratio	Lower	Upper
153	100		
152	45.8	36.0	54.0
154	88.9	72.0	108.0



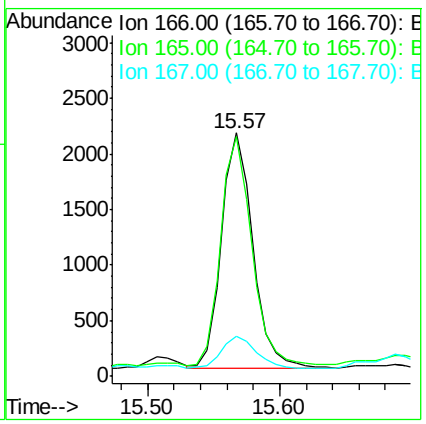


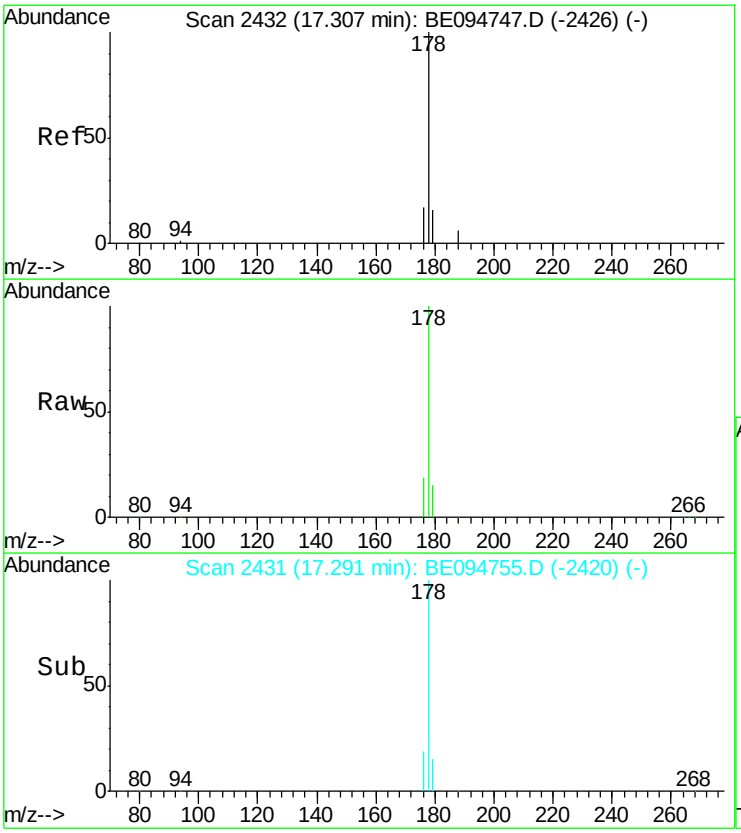
#9
Fluorene
Concen: 0.22 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:166 Resp: 3471

Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	16.6	14.6	22.0

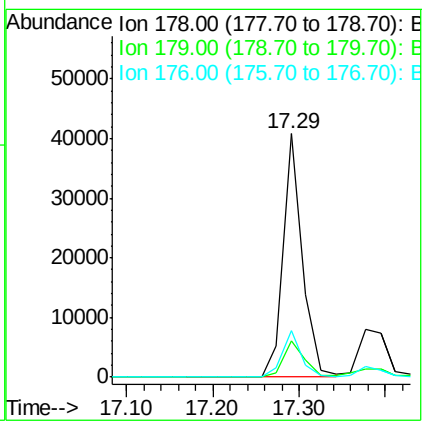


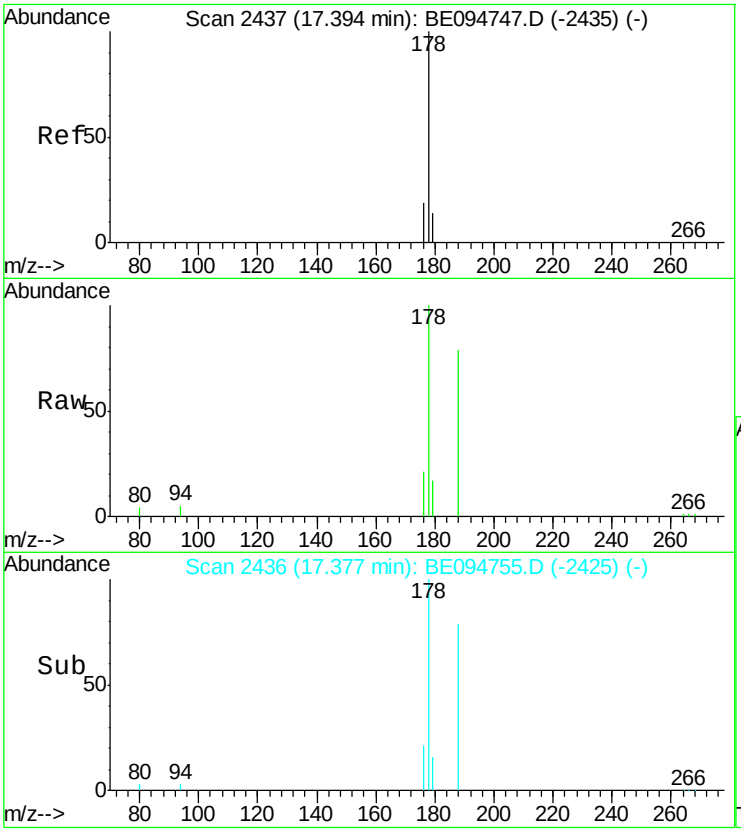


#12
Phenanthrene
Concen: 2.64 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:178 Resp: 63727

Ion	Ratio	Lower	Upper
178	100		
179	14.8	18.4	27.6#
176	18.9	13.6	20.4



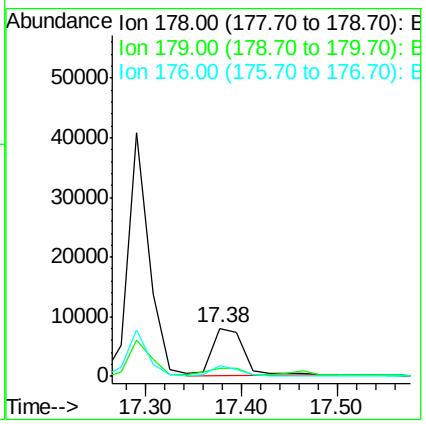


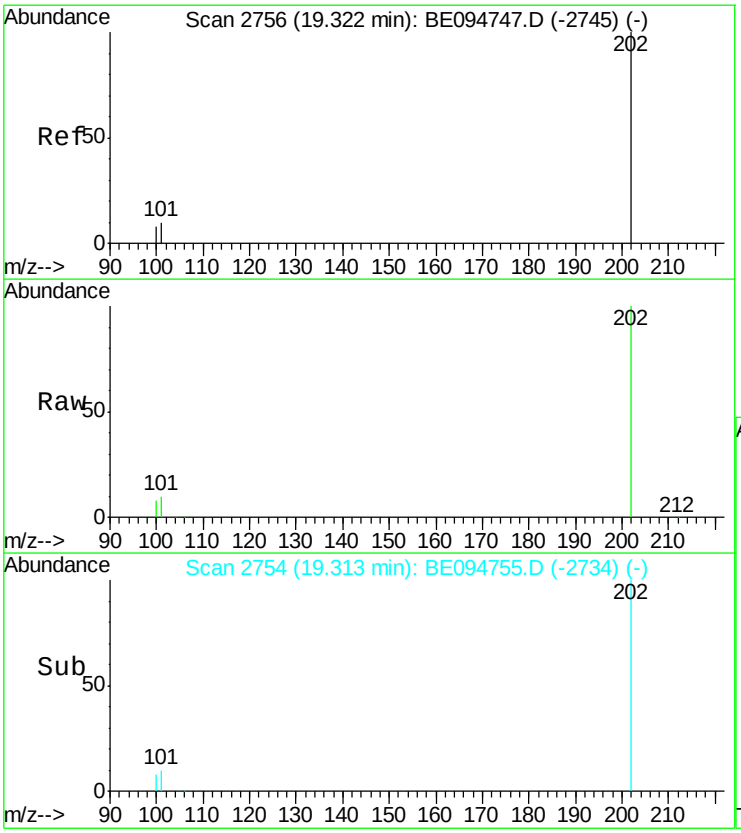
#13
Anthracene
Concen: 0.75 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:178 Resp: 17830

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	21.2	14.7	22.1

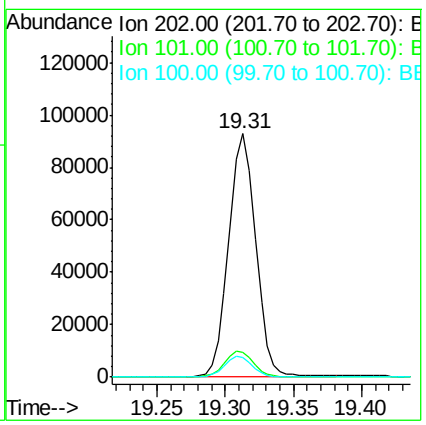


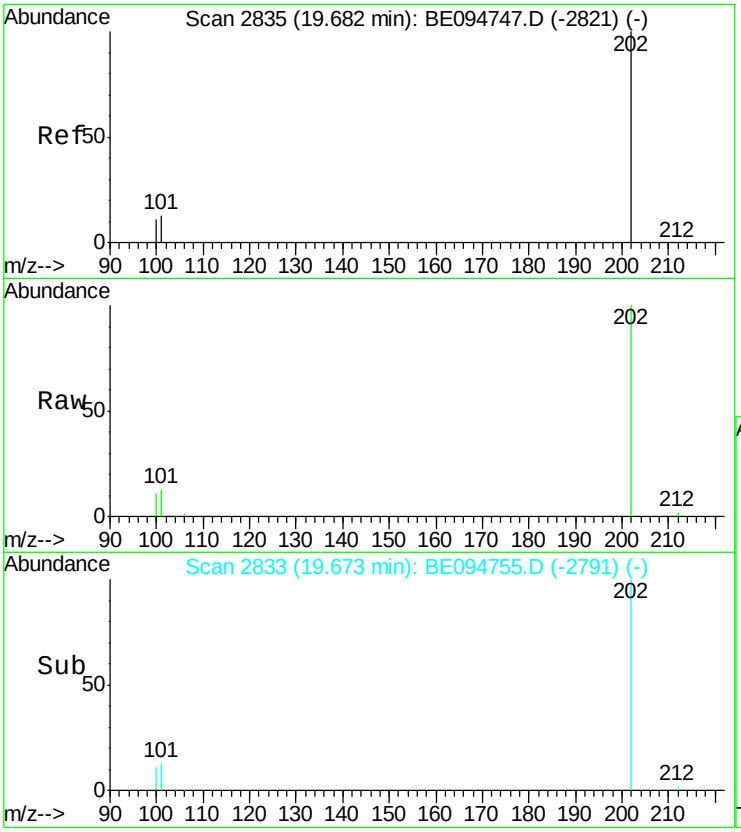


#15
Fluoranthene
Concen: 4.57 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:202 Resp: 127598

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	8.0	0.0	39.5



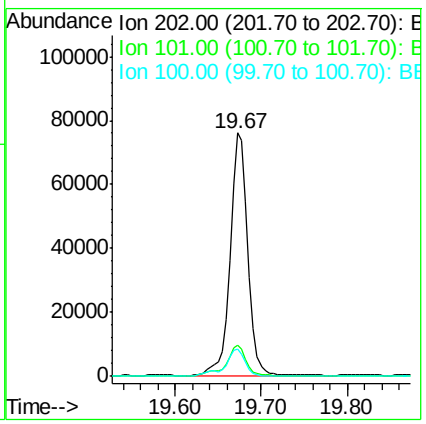


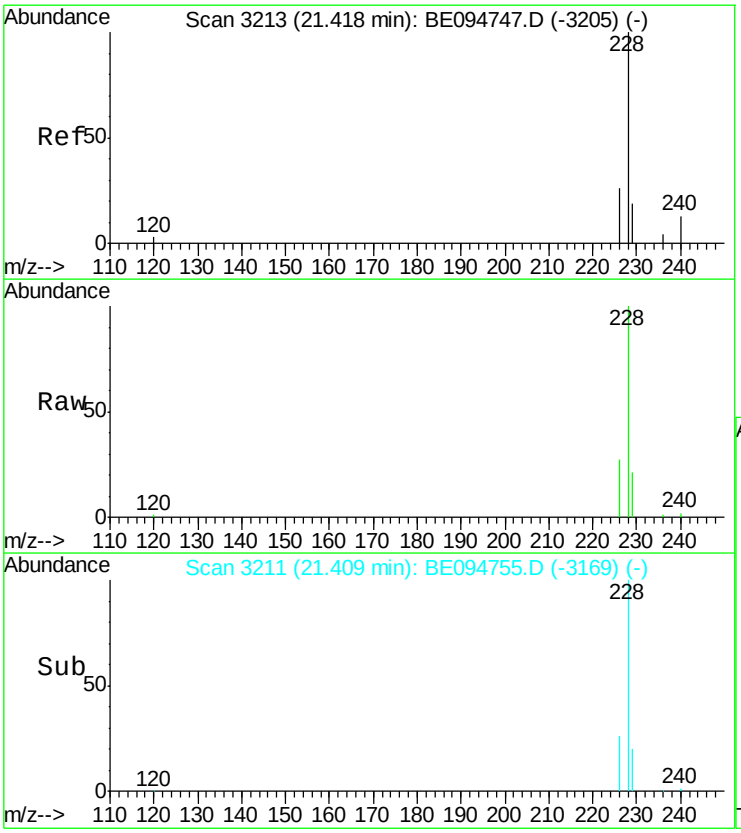
#17
Pyrene
Concen: 3.77 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:202 Resp: 108816

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.0	15.6	23.4#

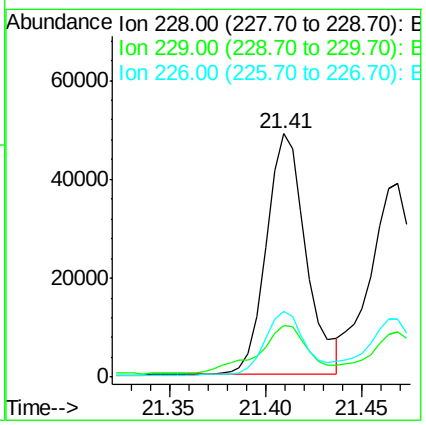


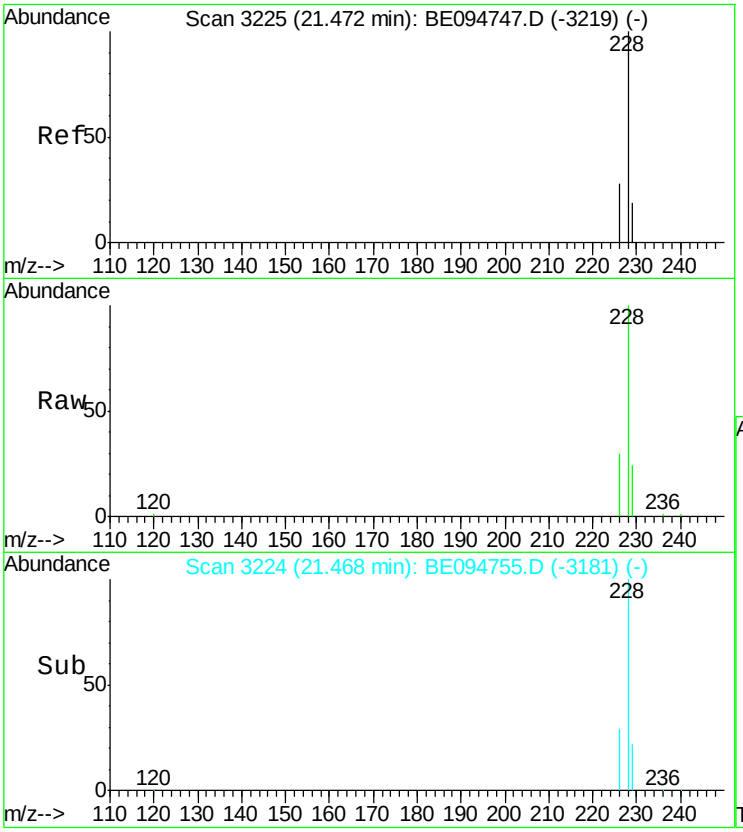


#18
Benzo(a)anthracene
Concen: 2.63 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:228 Resp: 70162

Ion	Ratio	Lower	Upper
228	100		
229	21.4	22.8	34.2#
226	26.9	17.0	25.6#



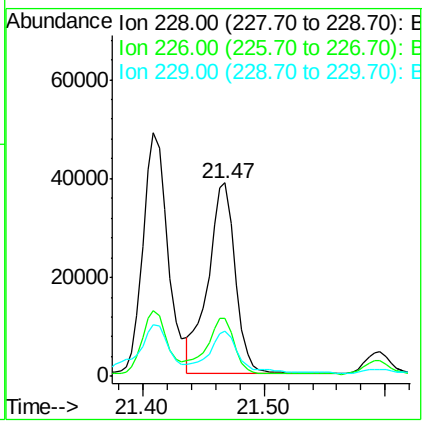


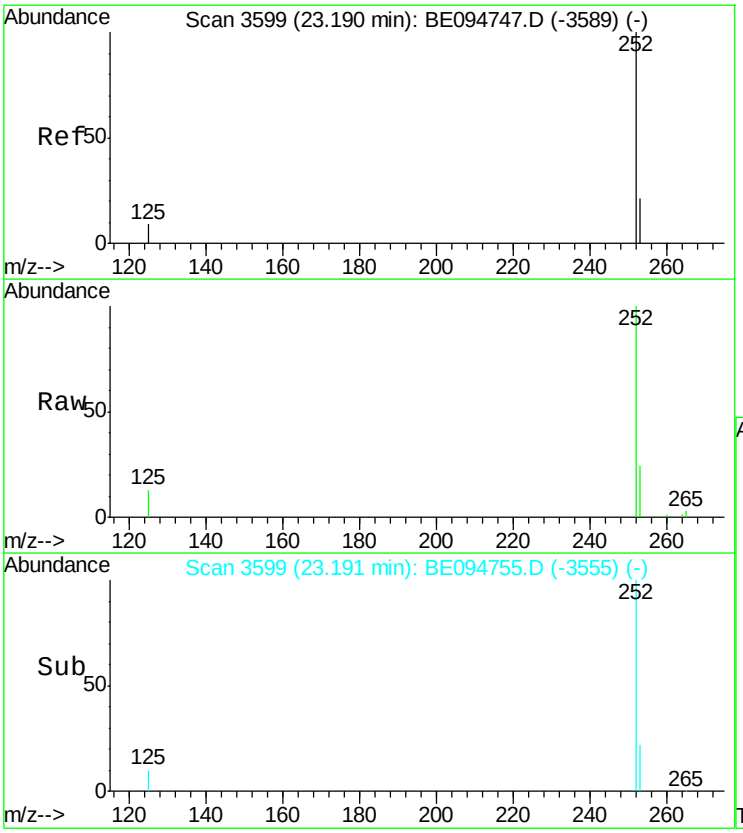
#19
Chrysene
Concen: 2.22 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:228 Resp: 61366

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	23.5	17.7	26.5

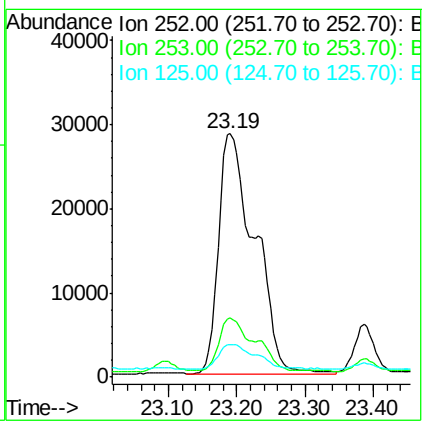


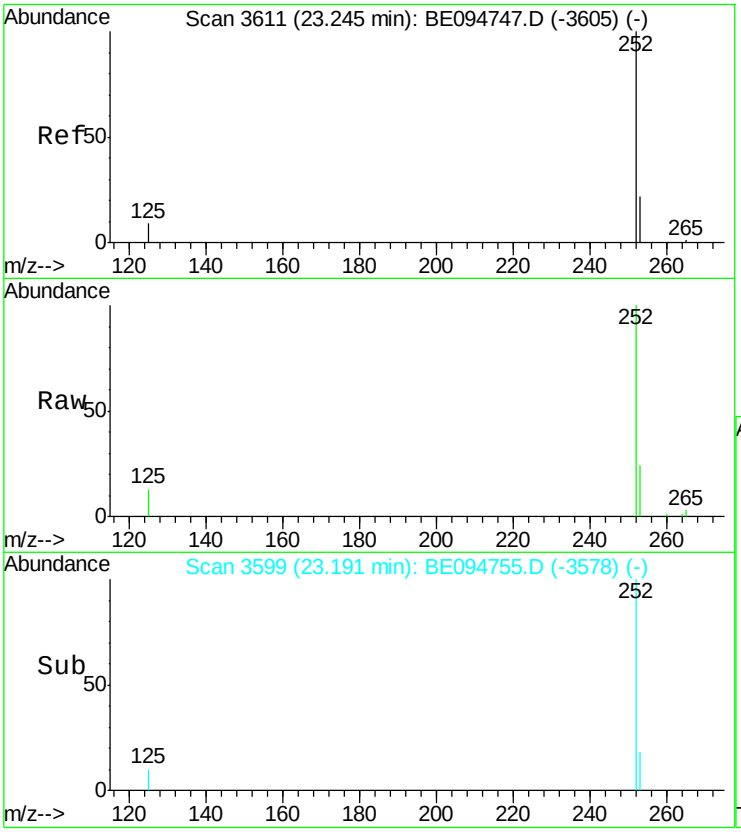


#21
Benzo(b)fluoranthene
Concen: 4.00 ng/ul
RT: 23.19 min Scan# 3599
Delta R.T. 0.00 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:252 Resp: 104676

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	64.2
125	13.3	0.0	35.0



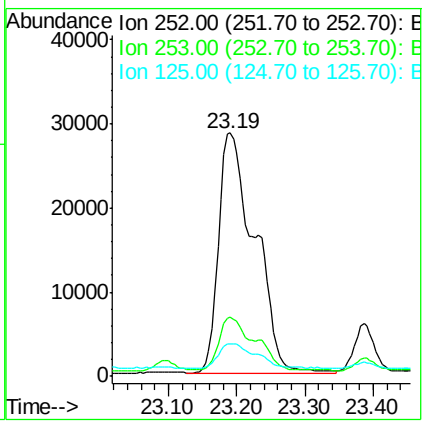


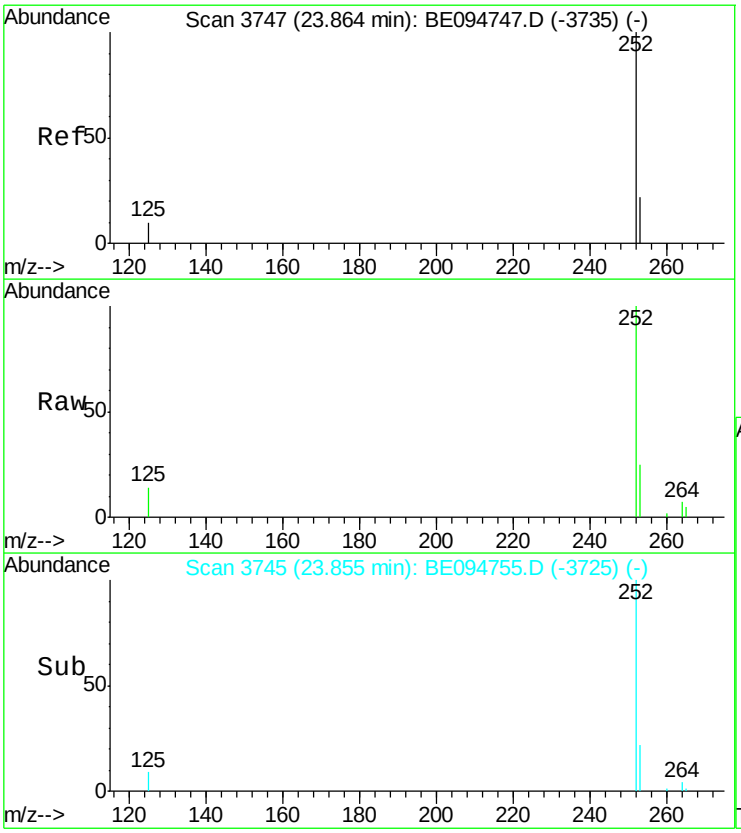
#22
Benzo(k)fluoranthene
Concen: 3.73 ng/ul
RT: 23.19 min Scan# 3599
Delta R.T. -0.05 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:252 Resp: 104676

Ion	Ratio	Lower	Upper
252	100		
253	24.2	24.5	36.7#
125	13.3	13.7	20.5#

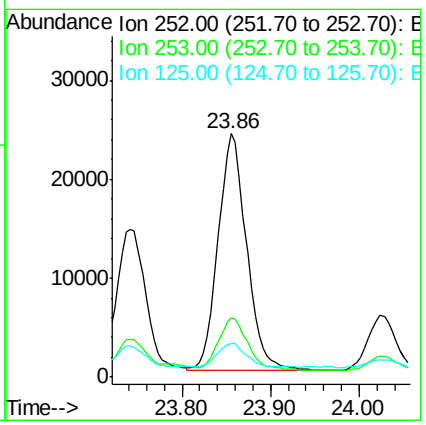


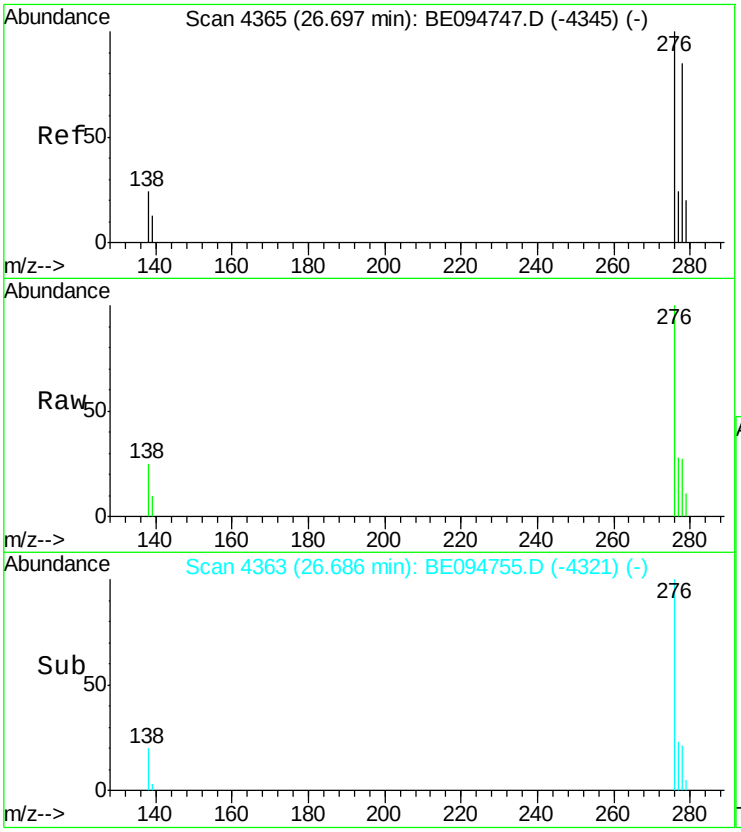


#23
Benzo(a)pyrene
Concen: 2.05 ng/ul
RT: 23.86 min Scan# 3745
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:252 Resp: 53602

Ion	Ratio	Lower	Upper
252	100		
253	24.6	28.5	42.7#
125	14.0	18.1	27.1#



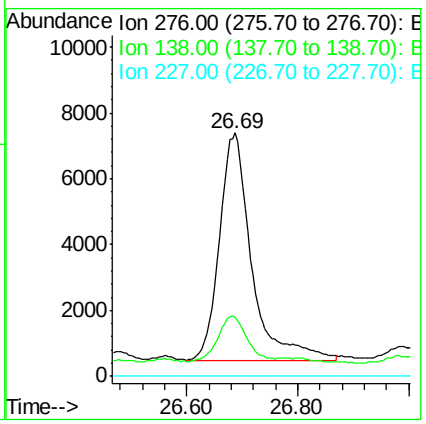


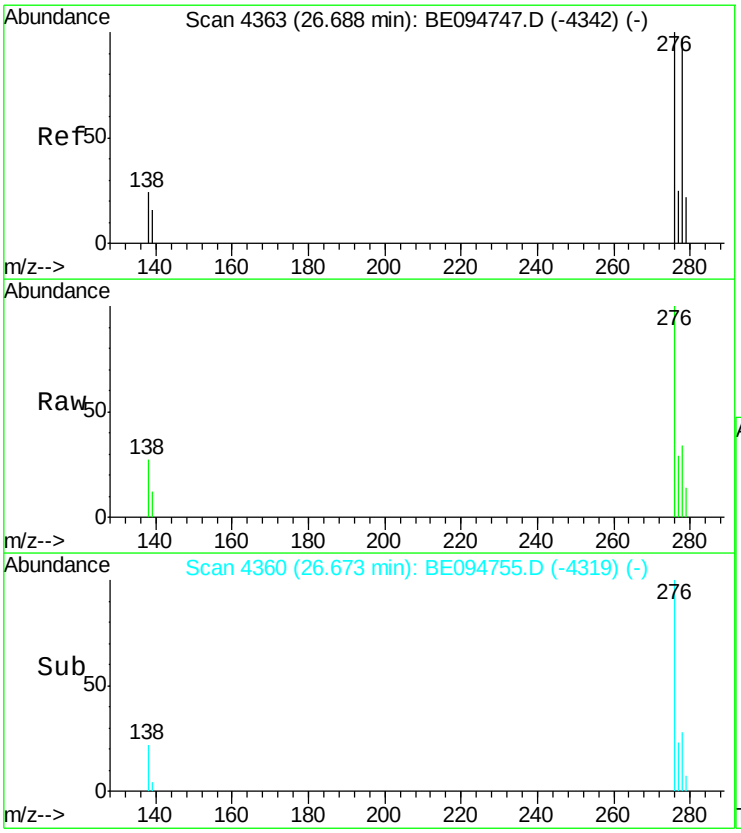
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.01 ng/ul
RT: 26.69 min Scan# 4363
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:276 Resp: 27391

Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

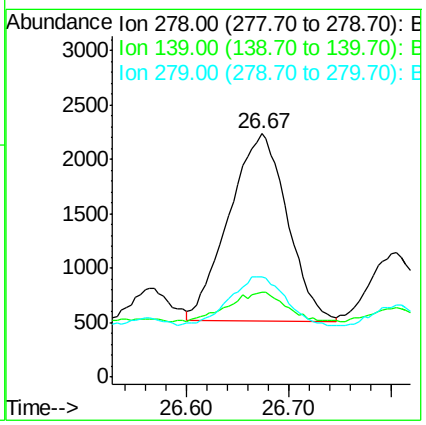


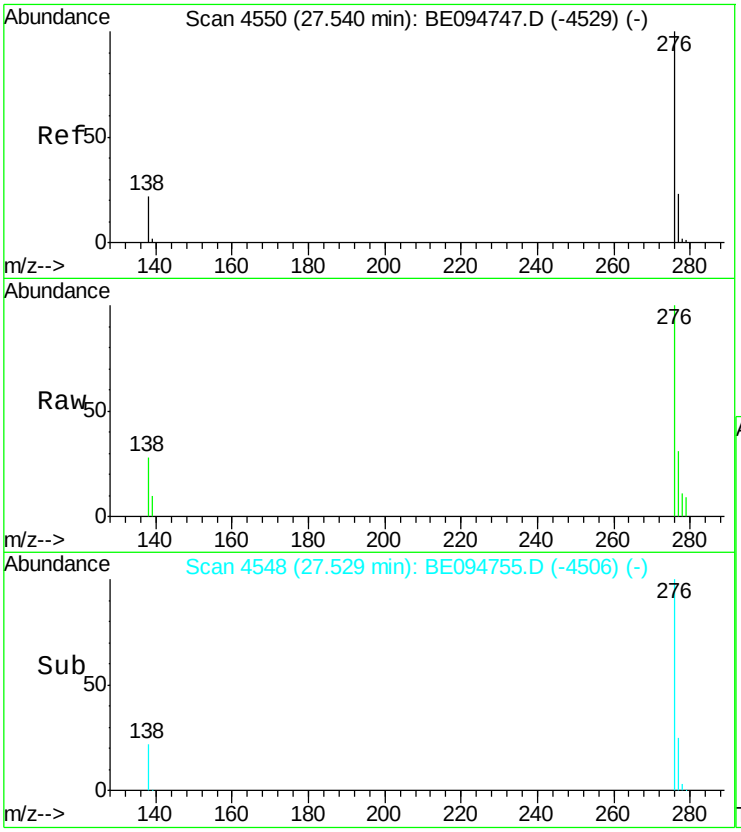


#25
Dibenzo(a,h)anthracene
Concen: 0.30 ng/ul
RT: 26.67 min Scan# 4360
Delta R.T. -0.02 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Tgt Ion:278 Resp: 6810

Ion	Ratio	Lower	Upper
278	100		
139	34.8	17.4	26.0#
279	40.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.93 ng/ul
RT: 27.53 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BE094755.D
Acq: 6 Nov 2017 16:16

Instrument :
BNA_E
ClientSampleId :
B-78(0.5-1.5)-102517

Tgt Ion:276 Resp: 20223

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.8	32.8
277	31.0	20.5	30.7#