Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094615.D
Acq On : 28 Oct 2017 10:25
Operator : SJ/JU
Sample : I5842-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : C0AA1

Quant Time: Oct 30 02:32:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:20:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	1131	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.69	136	7056	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.51	164	4072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8884	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	9176	0.40	ng/ul	0.00
20) Perylene-d12	23.80	264	482860	0.40	ng/ul	-0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2986	0.26	ng/ul	-0.01
14) Fluoranthene-d10	19.28	212	7607	0.29	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	976	0.06	ng/ul#	85
5) 2-Methylnaphthalene	12.35	142	856	0.07	ng/ul	99
7) Acenaphthylene	14.24	152	771	0.04	ng/ul#	72
8) Acenaphthene	14.57	153	3548	0.27	ng/ul	97
9) Fluorene	15.56	166	3133	0.21	ng/ul	91
11) Pentachlorophenol	16.96	266	63	0.14	ng/ul	92
12) Phenanthrene	17.29	178	98648	4.20	ng/ul#	91
13) Anthracene	17.38	178	13572	0.59	ng/ul#	90
15) Fluoranthene	19.31	202	283244	10.44	ng/ul	84
17) Pyrene	19.67	202	248749	8.77	ng/ul#	79
18) Benzo(a)anthracene	21.41	228	119483	4.55	ng/ul#	87
19) Chrysene	21.46	228	131625	4.85	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	163311	0.12	ng/ul	84
22) Benzo(k)fluoranthene	23.18	252	163311	0.11	ng/ul#	86
23) Benzo(a)pyrene	23.74	252	88884	0.07	ng/ul#	84

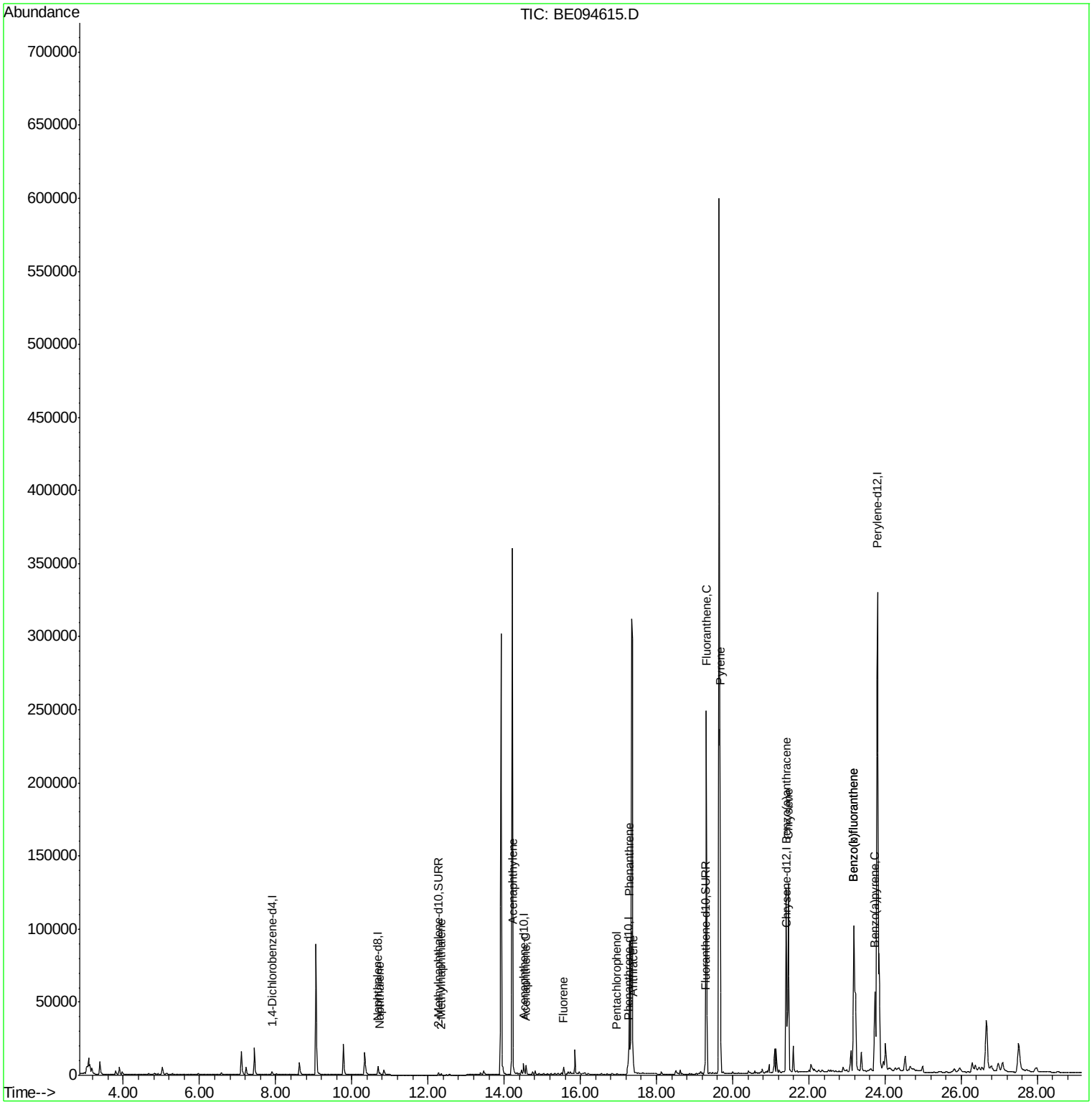
(#) = qualifier out of range (m) = manual integration (+) = signals summed

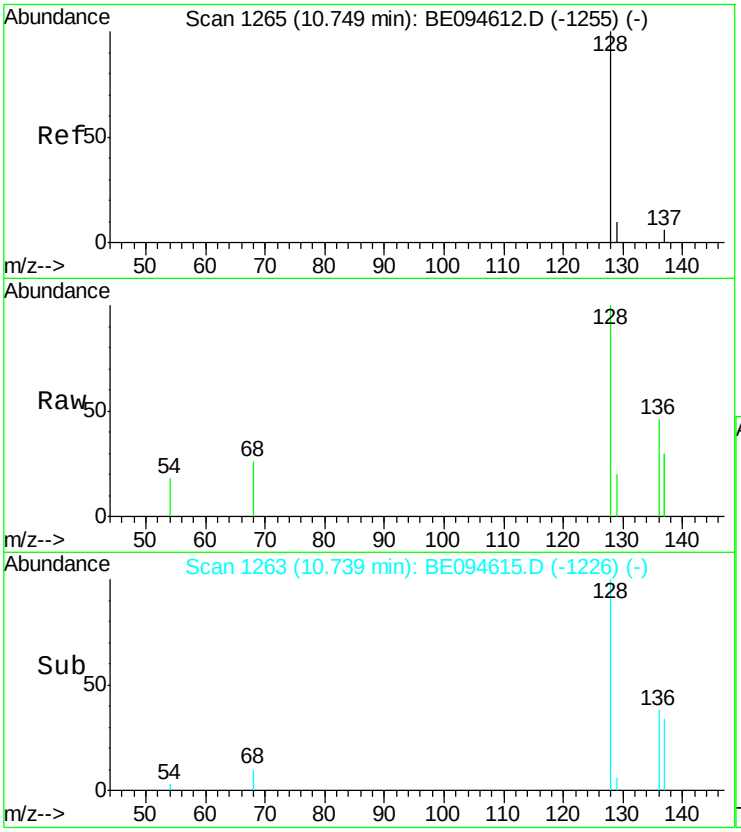
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE102717\
Data File : BE094615.D
Acq On : 28 Oct 2017 10:25
Operator : SJ/JU
Sample : I5842-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA1

Quant Time: Oct 30 02:32:21 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE102517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 30 02:20:53 2017
Response via : Initial Calibration



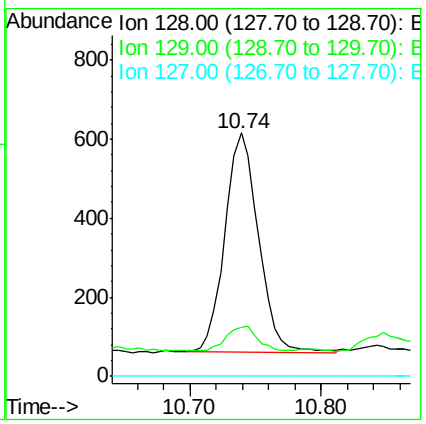


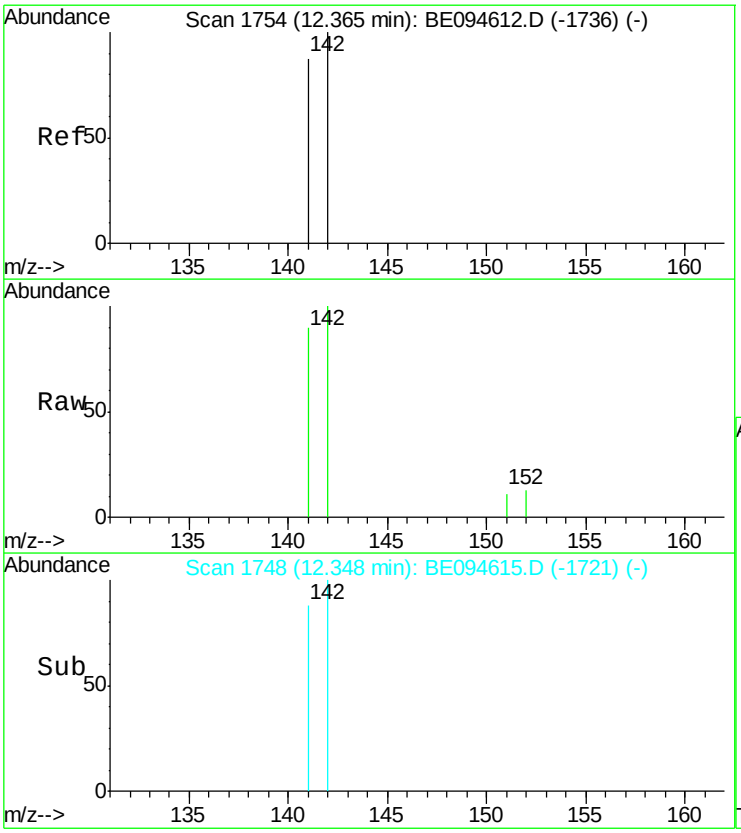
#3
Naphthalene
Concen: 0.06 ng/ul
RT: 10.74 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:128 Resp: 976

Ion	Ratio	Lower	Upper
128	100		
129	20.1	11.3	16.9#
127	0.0	4.0	6.0#

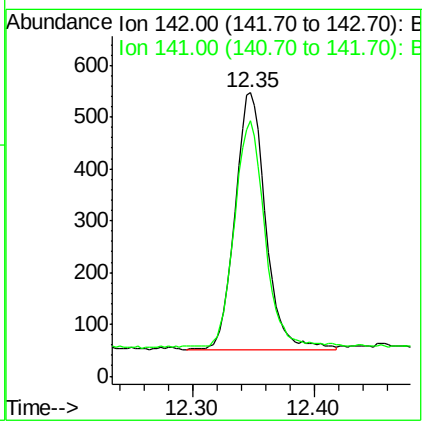


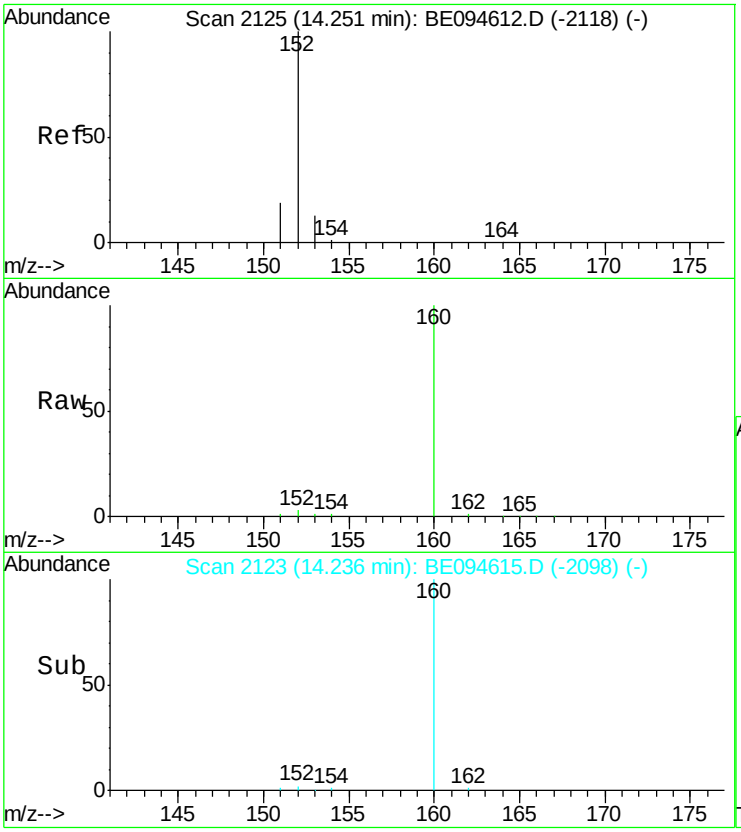


#5
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.35 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:142 Resp: 856

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8



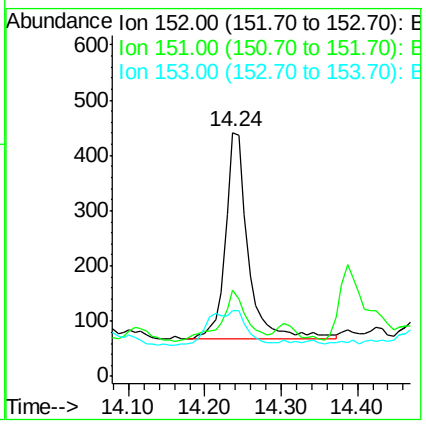


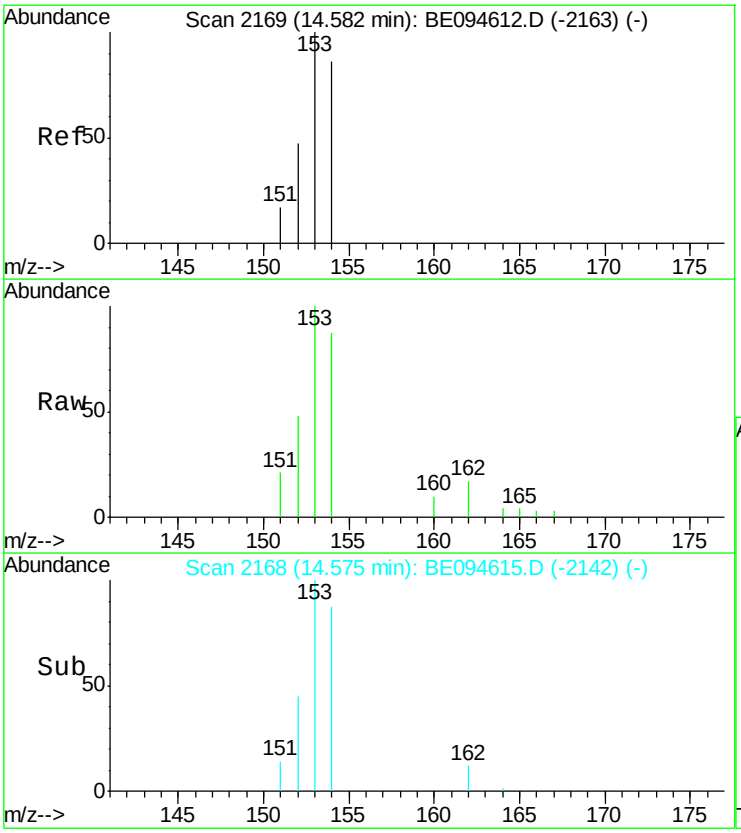
#7
Acenaphthylene
Concen: 0.04 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:152 Resp: 771

Ion	Ratio	Lower	Upper
152	100		
151	35.4	17.1	25.7#
153	26.8	12.8	19.2#

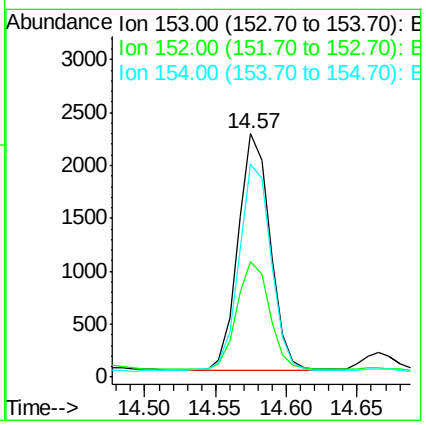


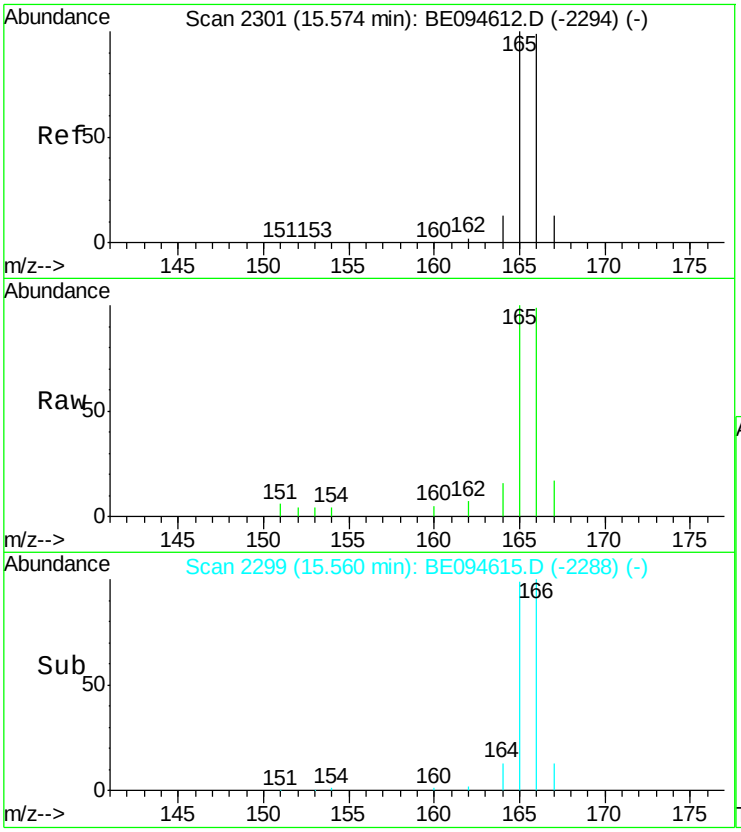


#8
Acenaphthene
Concen: 0.27 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:153 Resp: 3548

Ion	Ratio	Lower	Upper
153	100		
152	47.5	36.0	54.0
154	87.3	72.0	108.0



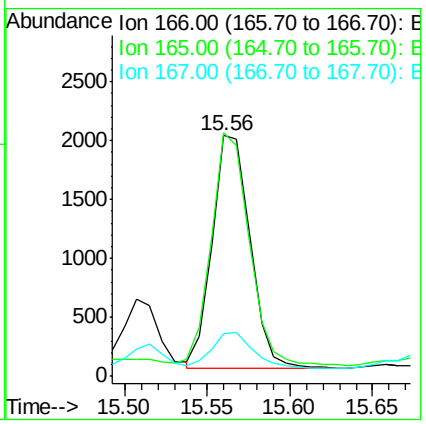


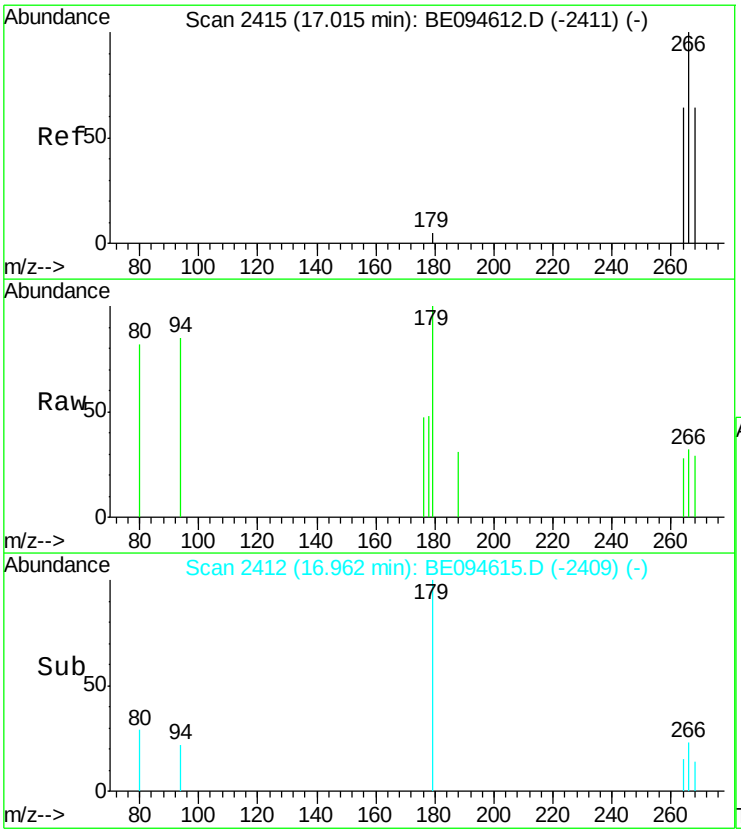
#9
Fluorene
Concen: 0.21 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:166 Resp: 3133

Ion	Ratio	Lower	Upper
166	100		
165	101.3	73.4	110.2
167	17.7	14.6	22.0

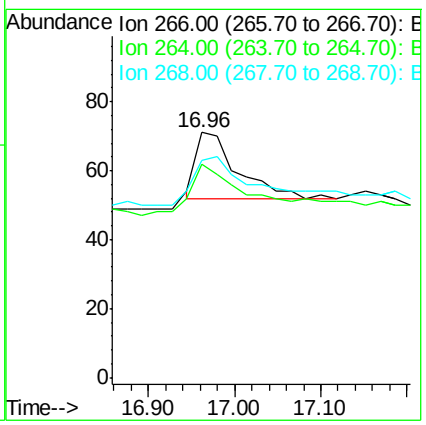


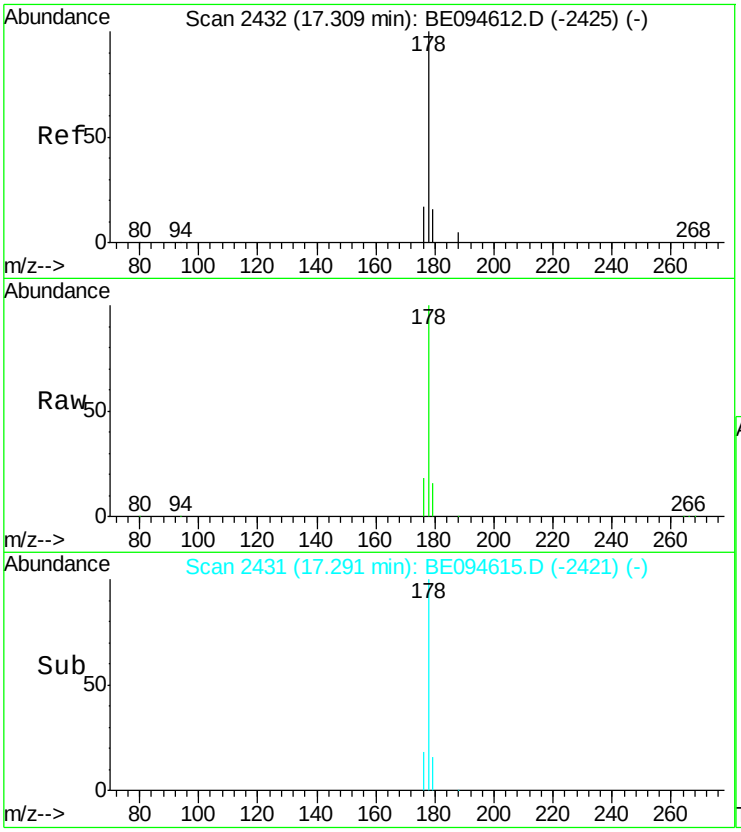


#11
Pentachlorophenol
Concen: 0.14 ng/ul
RT: 16.96 min Scan# 2412
Delta R.T. -0.05 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:266 Resp: 63

Ion	Ratio	Lower	Upper
266	100		
264	69.8	47.9	71.9
268	65.1	49.8	74.8



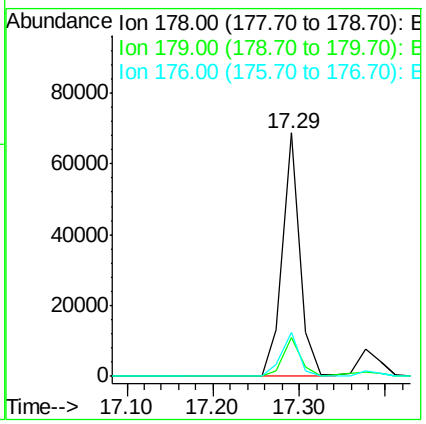


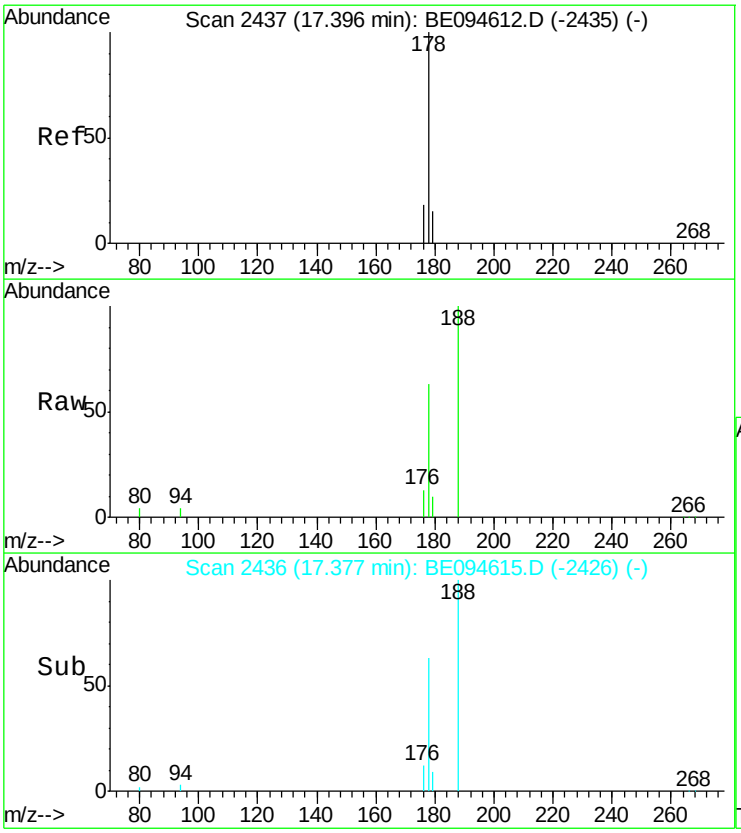
#12
Phenanthrene
Concen: 4.20 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:178 Resp: 98648

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	17.8	13.6	20.4

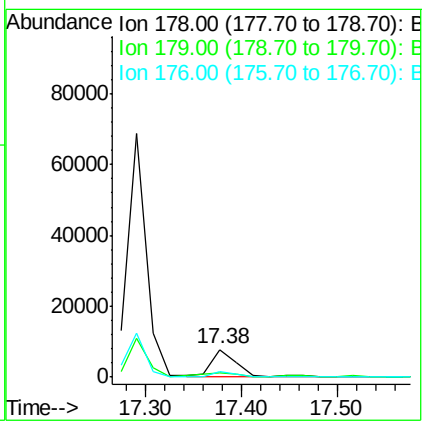


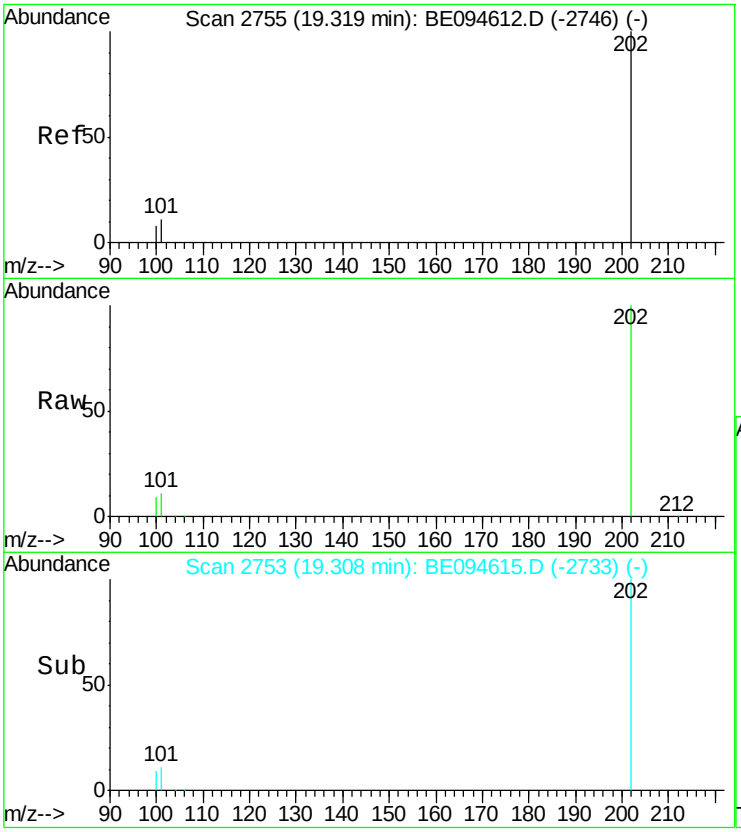


#13
Anthracene
Concen: 0.59 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:178 Resp: 13572

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.1	27.1#
176	20.7	14.7	22.1



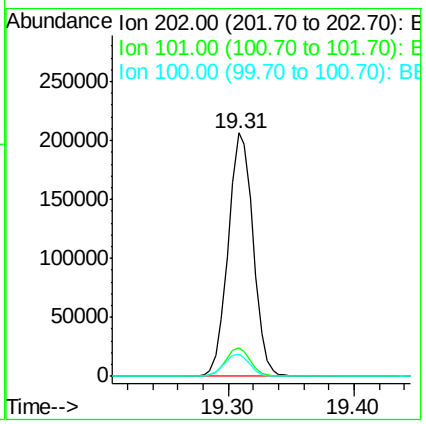


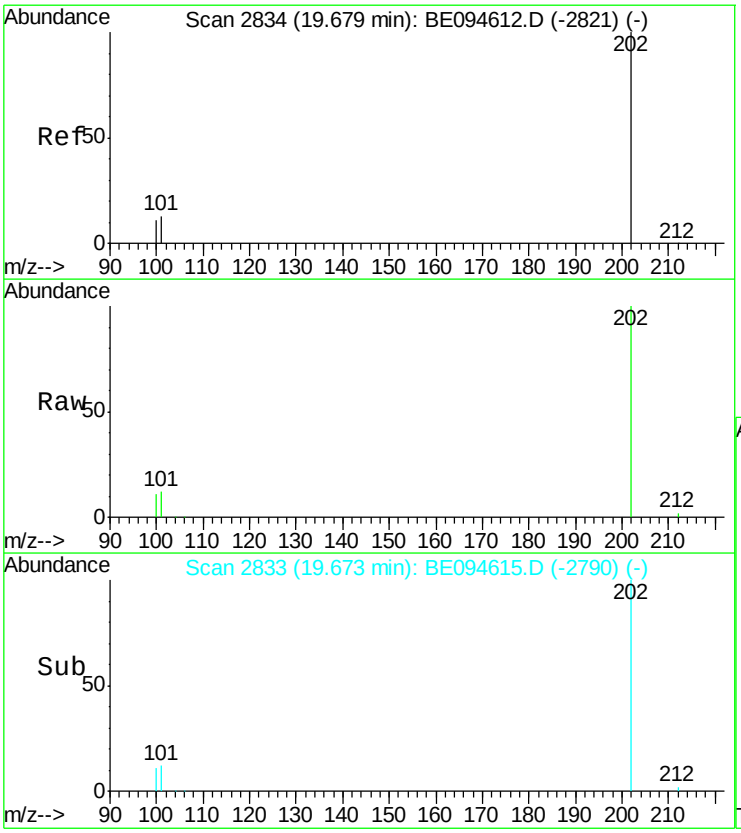
#15
Fluoranthene
Concen: 10.44 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:202 Resp: 283244

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	9.1	0.0	39.5

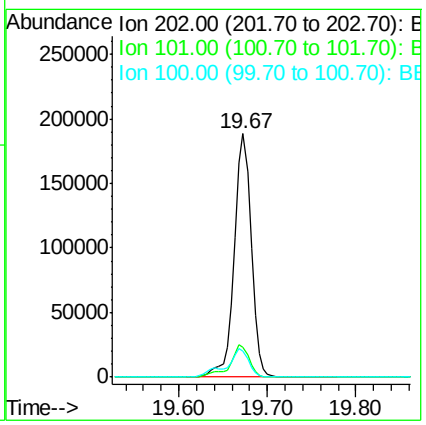


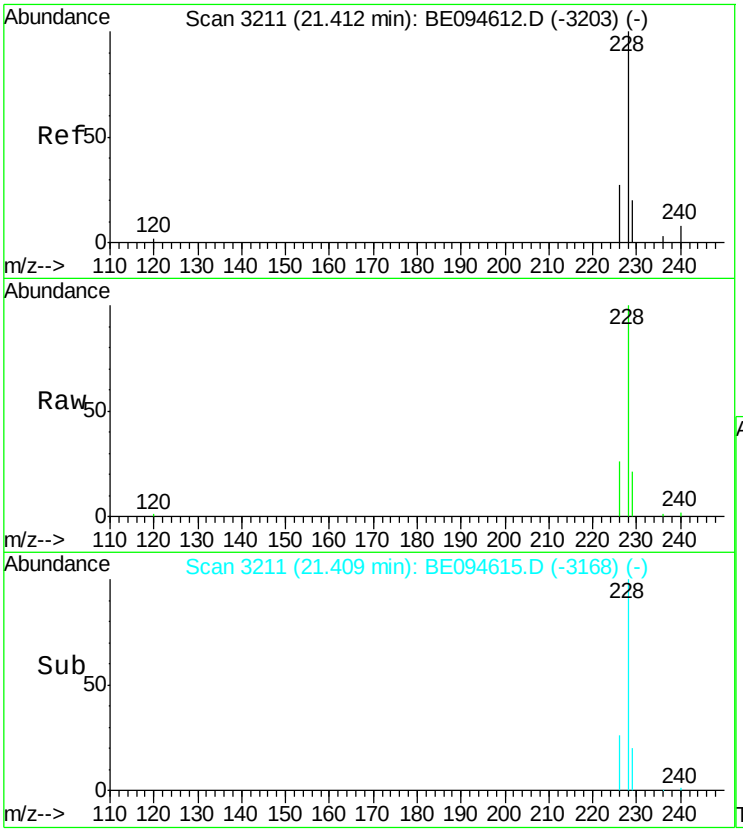


#17
Pyrene
Concen: 8.77 ng/ul
RT: 19.67 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:202 Resp: 248749

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	10.5	15.6	23.4#



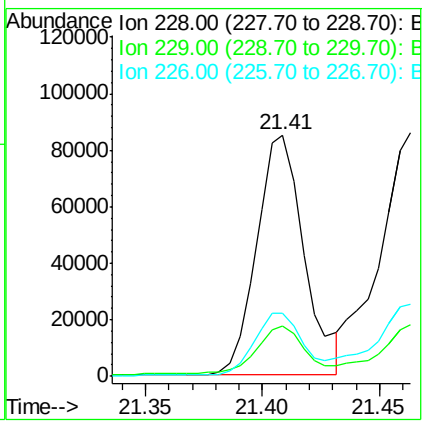


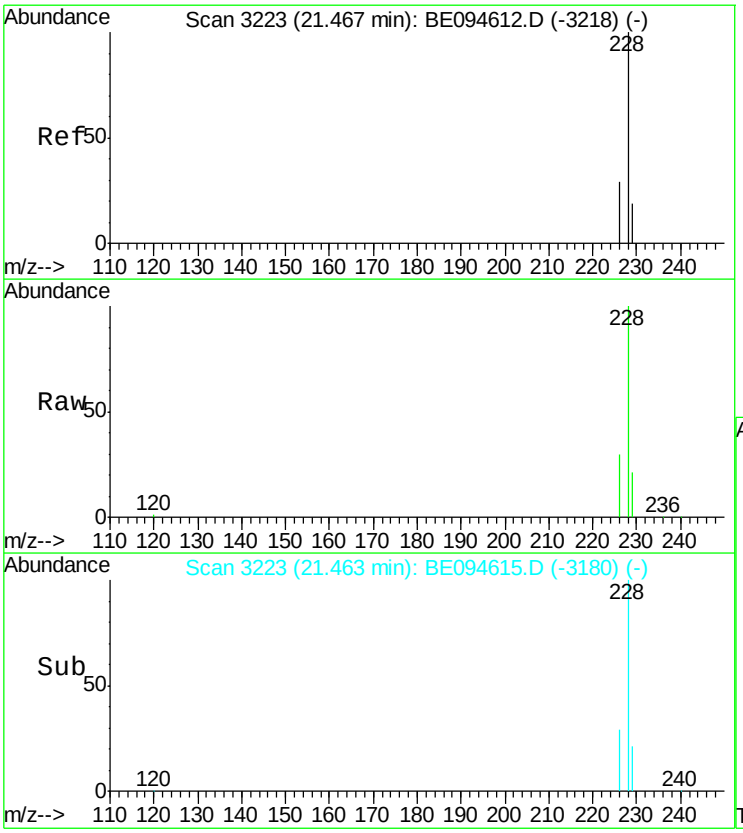
#18
Benzo(a)anthracene
Concen: 4.55 ng/ul
RT: 21.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:228 Resp: 119483

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	26.4	17.0	25.6#

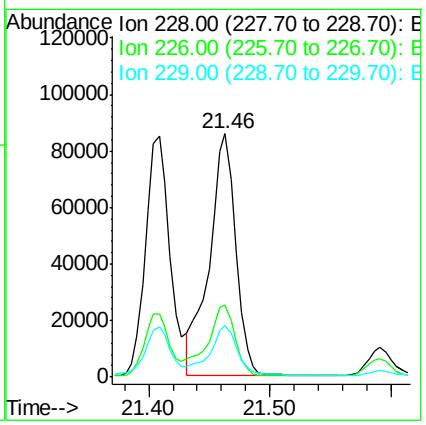


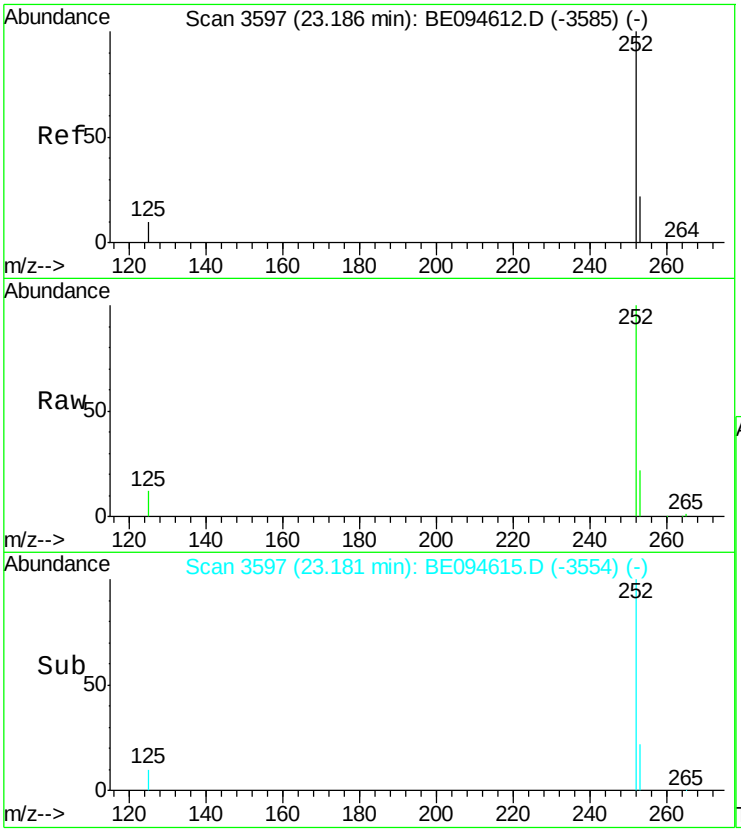


#19
Chrysene
Concen: 4.85 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. -0.00 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:228 Resp: 131625

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	21.5	17.7	26.5



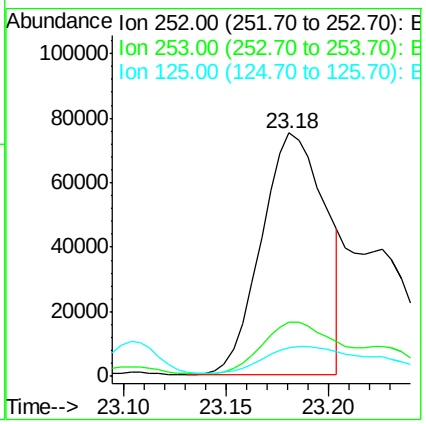


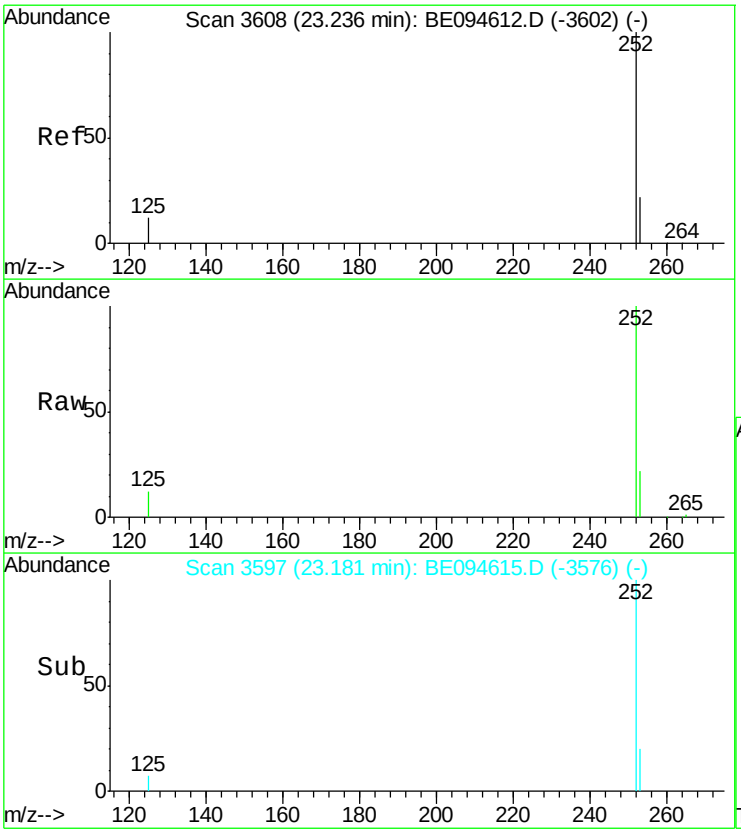
#21
Benzo(b)fluoranthene
Concen: 0.12 ng/ul
RT: 23.18 min Scan# 3597
Delta R.T. -0.01 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:252 Resp: 163311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	64.2
125	11.9	0.0	35.0

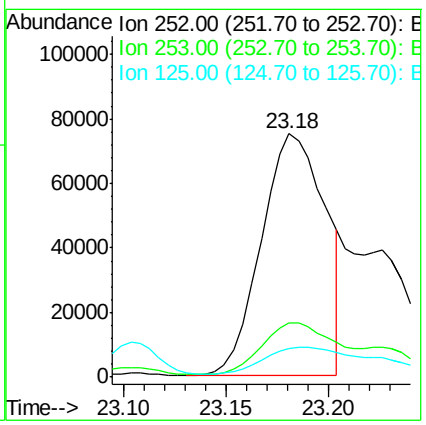


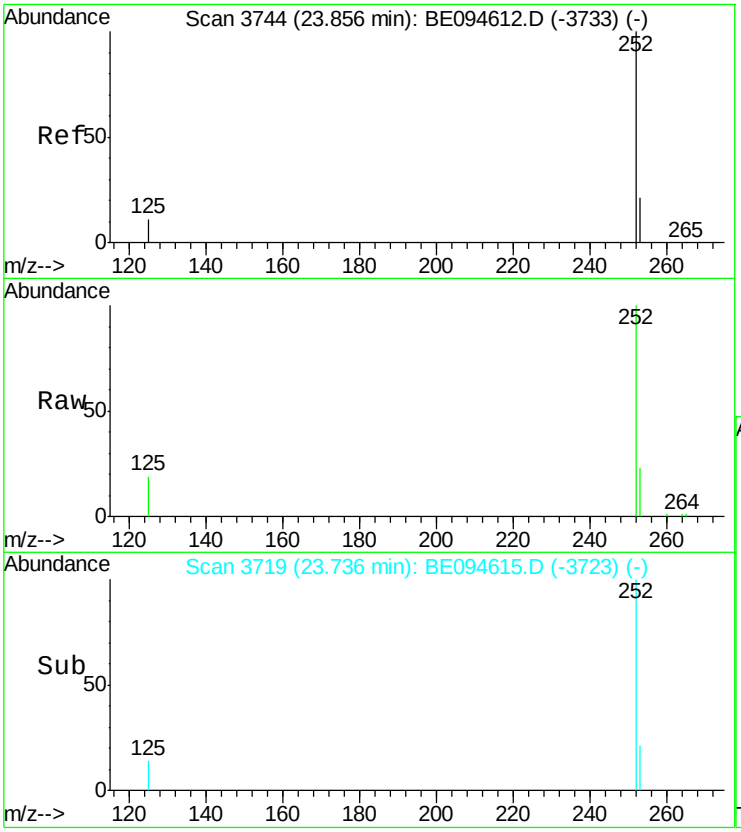


#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul
RT: 23.18 min Scan# 3597
Delta R.T. -0.06 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Tgt Ion:252 Resp: 163311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	24.5	36.7#
125	11.9	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.07 ng/ul
RT: 23.74 min Scan# 3719
Delta R.T. -0.12 min
Lab File: BE094615.D
Acq: 28 Oct 2017 10:25

Instrument :
BNA_E
ClientSampleId :
C0AA1

Tgt Ion:252 Resp: 88884

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	18.6	18.1	27.1