Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094716.D
Acq On : 3 Nov 2017 20:19
Operator : SJ/JU
Sample : I5902-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : B-5(0.5-1.5)-101317

Quant Time: Nov 04 01:15:34 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	1472	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.69	136	8779	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	4819	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10251	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	10285	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	11052	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	741	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1694	0.06	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.24	152	458	0.02	ng/ul#	72
8) Acenaphthene	14.57	153	385	0.02	ng/ul#	94
9) Fluorene	15.56	166	409	0.02	ng/ul#	86
12) Phenanthrene	17.29	178	9566	0.35	ng/ul#	90
13) Anthracene	17.38	178	2547	0.10	ng/ul#	95
15) Fluoranthene	19.31	202	24012	0.77	ng/ul	84
17) Pyrene	19.67	202	22454	0.71	ng/ul#	82
18) Benzo(a)anthracene	21.40	228	11946	0.41	ng/ul#	88
19) Chrysene	21.46	228	12029	0.40	ng/ul	95
21) Benzo(b)fluoranthene	23.18	252	21166	0.68	ng/ul	90
22) Benzo(k)fluoranthene	23.18	252	21166	0.64	ng/ul#	91
23) Benzo(a)pyrene	23.84	252	10293	0.33	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	26.66	276	6144	0.19	ng/ul#	74
25) Dibenzo(a,h)anthracene	26.65	278	1346	0.05	ng/ul#	21
26) Benzo(g,h,i)perylene	27.51	276	5287	0.20	ng/ul#	77

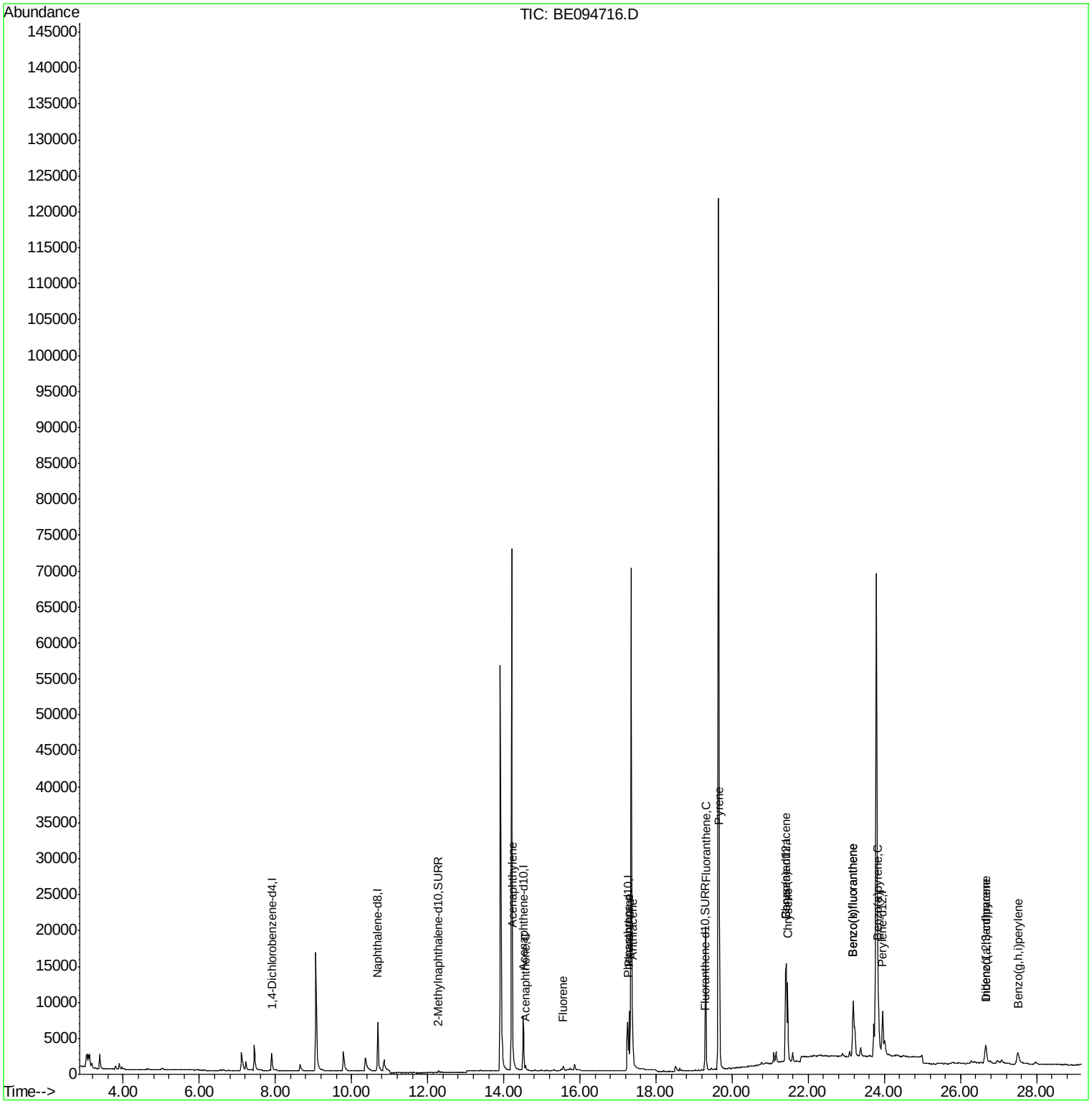
(#) = qualifier out of range (m) = manual integration (+) = signals summed

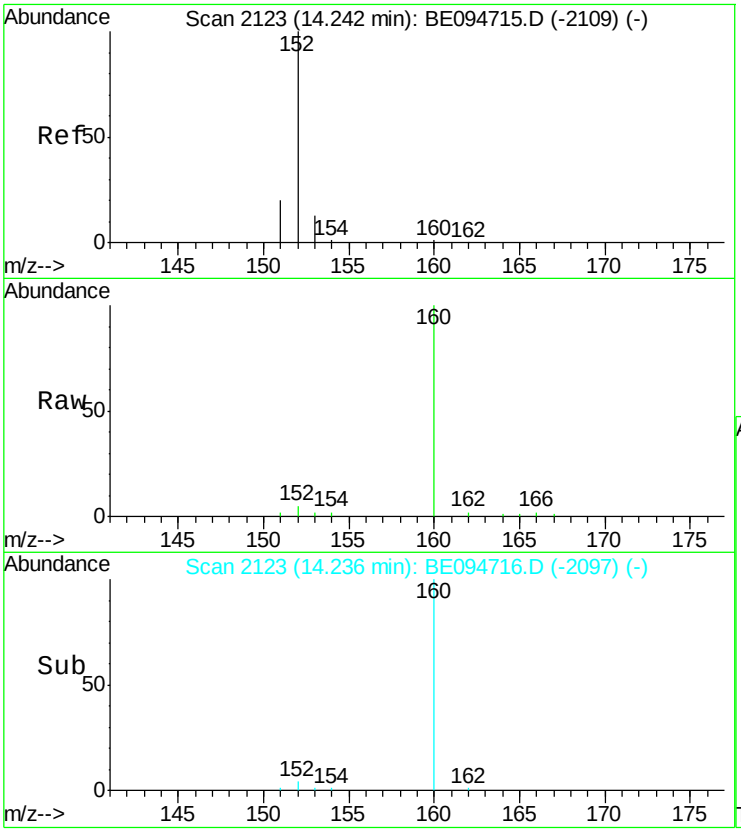
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110317\
Data File : BE094716.D
Acq On : 3 Nov 2017 20:19
Operator : SJ/JU
Sample : I5902-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Quant Time: Nov 04 01:15:34 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



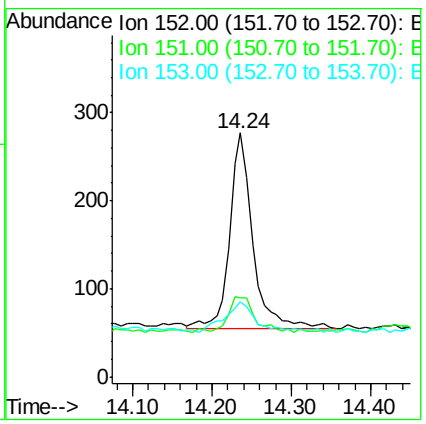


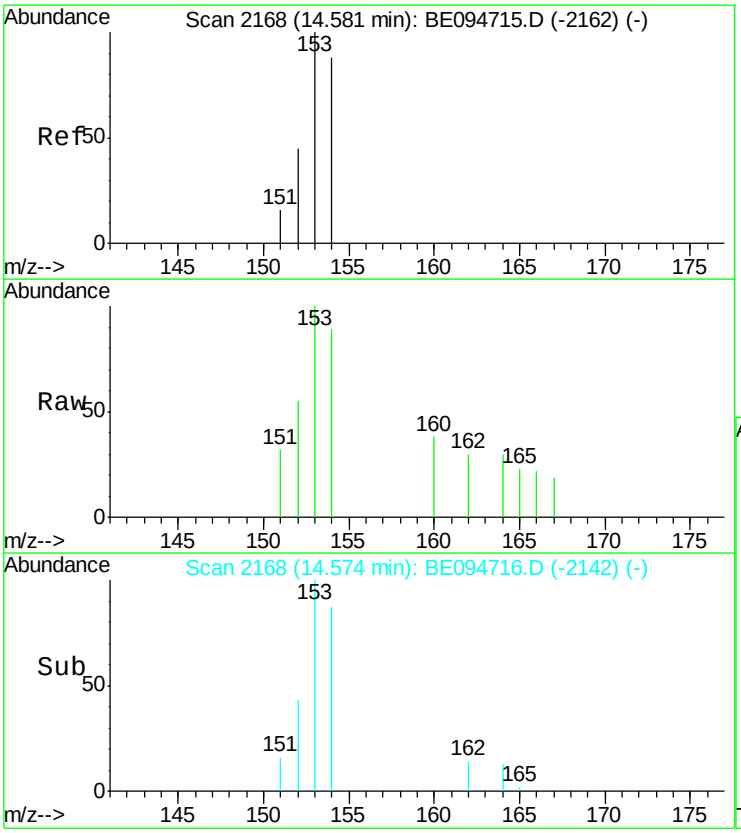
#7
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.24 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:152 Resp: 458

Ion	Ratio	Lower	Upper
152	100		
151	32.1	17.1	25.7#
153	30.7	12.8	19.2#

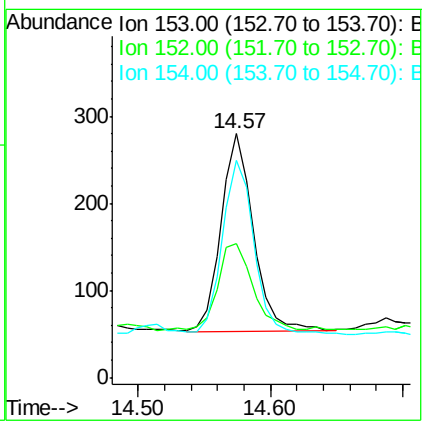


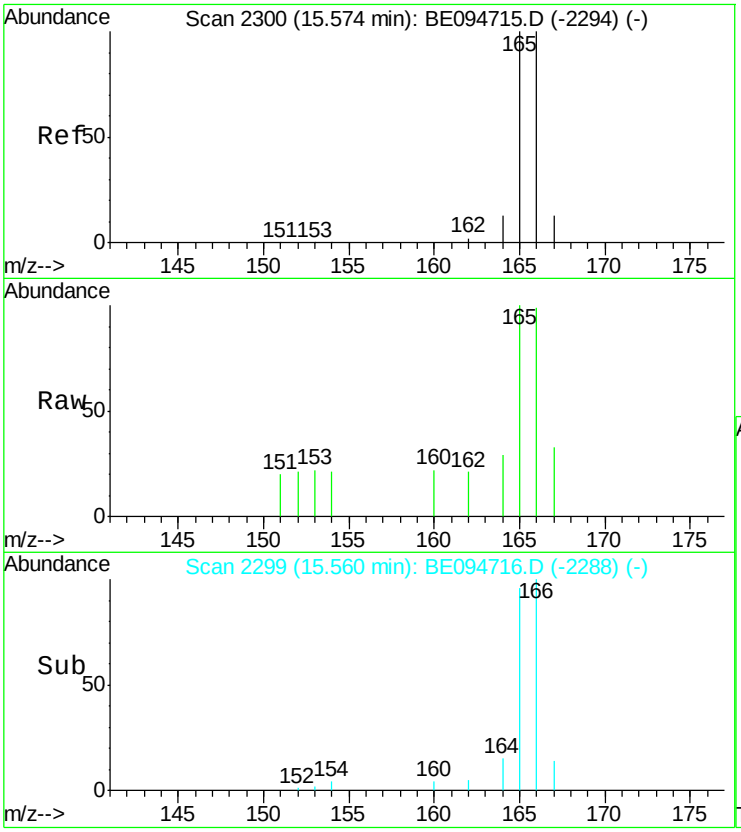


#8
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.57 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:153 Resp: 385

Ion	Ratio	Lower	Upper
153	100		
152	55.0	36.0	54.0#
154	89.3	72.0	108.0



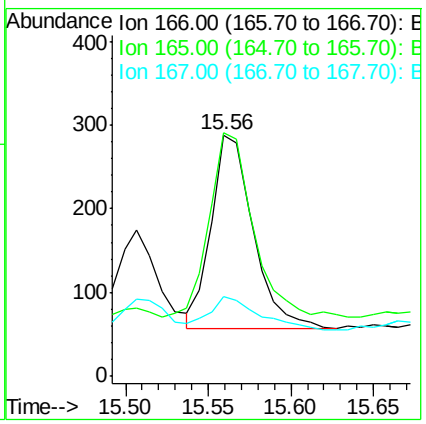


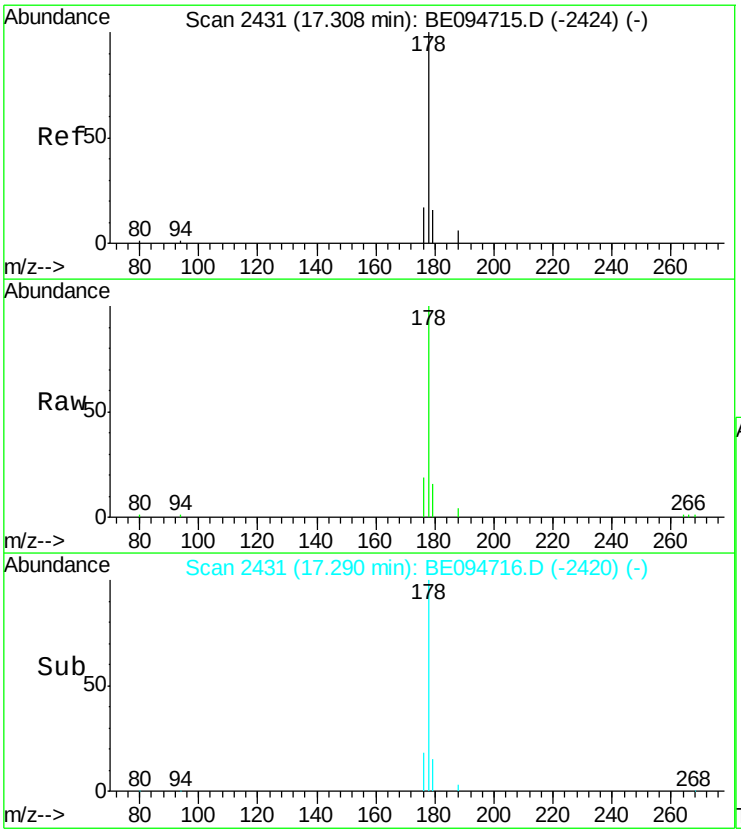
#9
Fluorene
Concen: 0.02 ng/ul
RT: 15.56 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:166 Resp: 409

Ion	Ratio	Lower	Upper
166	100		
165	101.0	73.4	110.2
167	33.0	14.6	22.0#

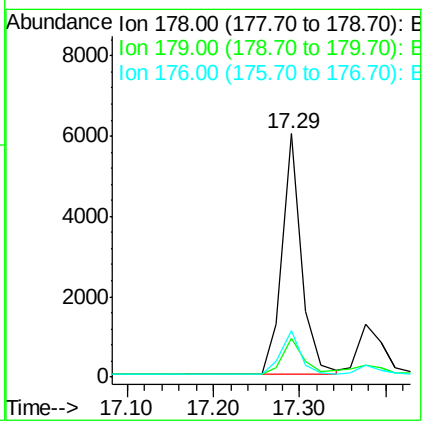


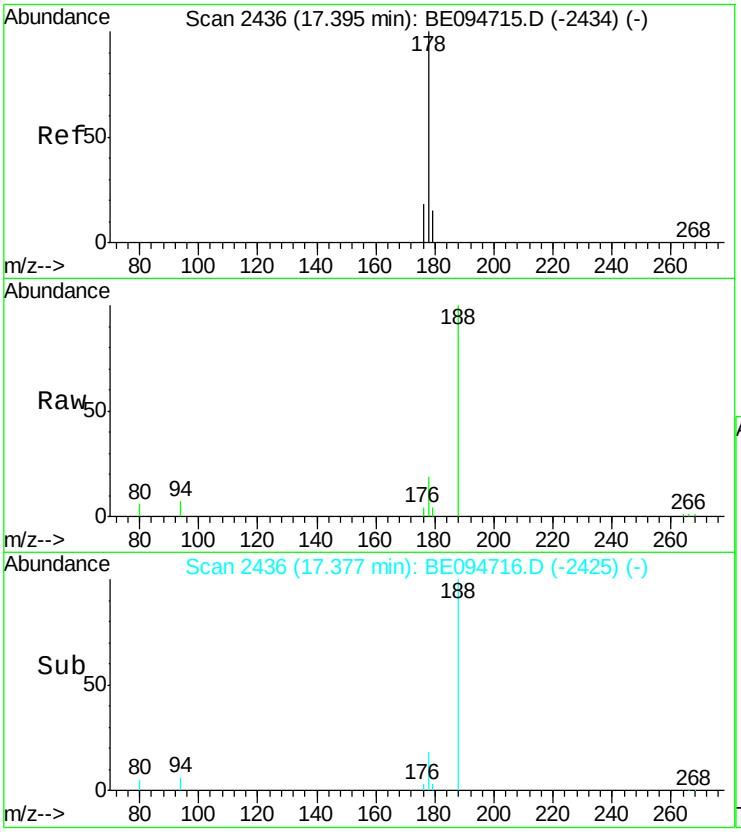


#12
Phenanthrene
Concen: 0.35 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:178 Resp: 9566

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	19.1	13.6	20.4



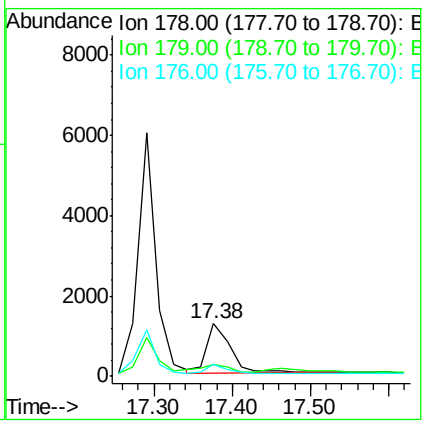


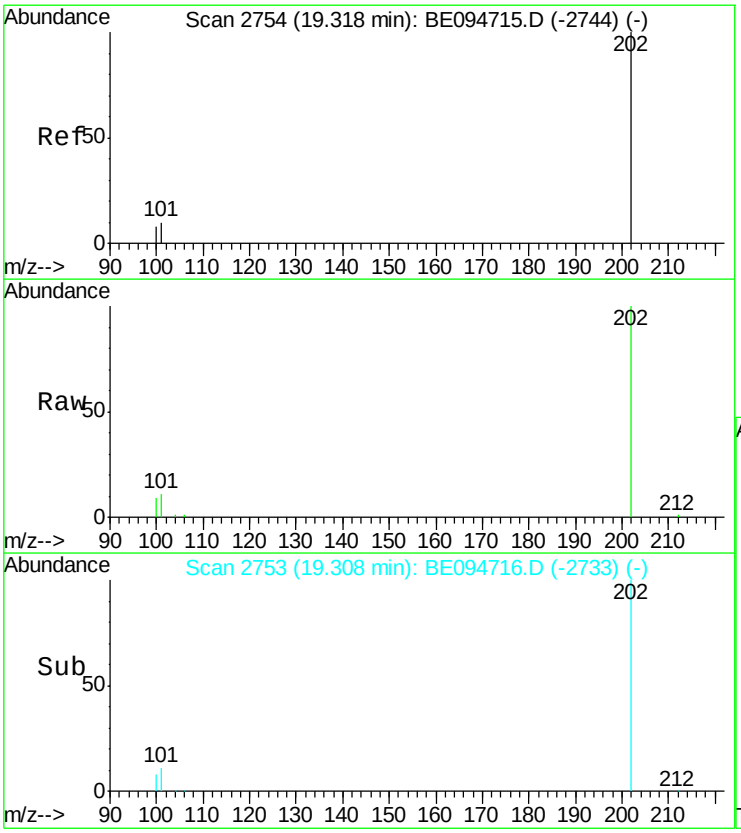
#13
Anthracene
Concen: 0.10 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.02 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:178 Resp: 2547

Ion	Ratio	Lower	Upper
178	100		
179	22.6	18.1	27.1
176	23.0	14.7	22.1#

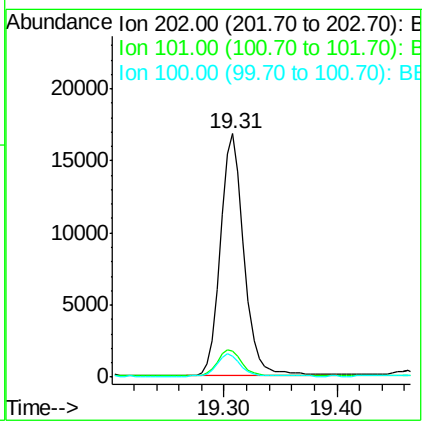


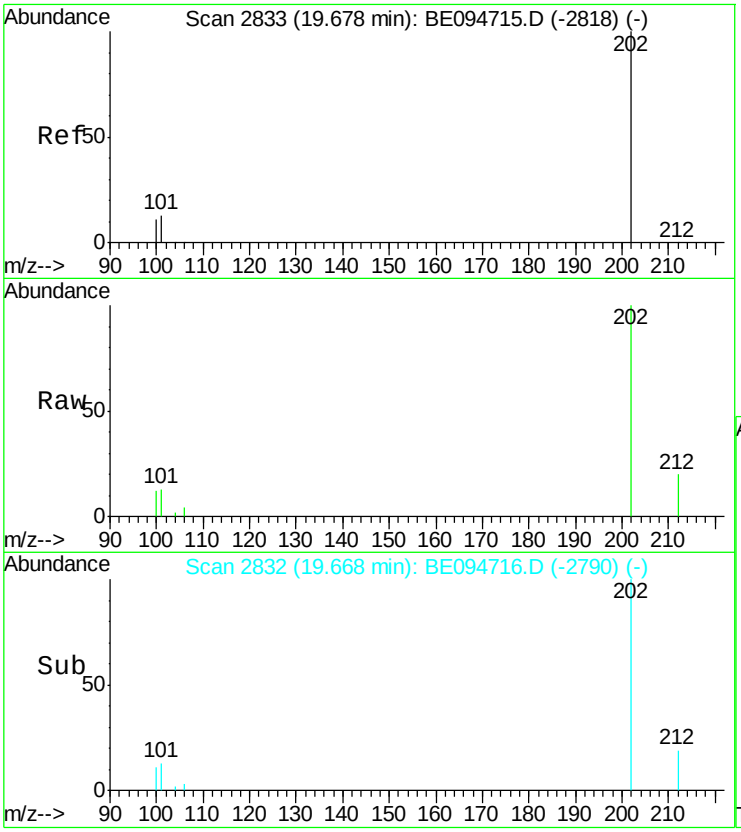


#15
Fluoranthene
Concen: 0.77 ng/ul
RT: 19.31 min Scan# 2753
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:202 Resp: 24012

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.5	0.0	39.5



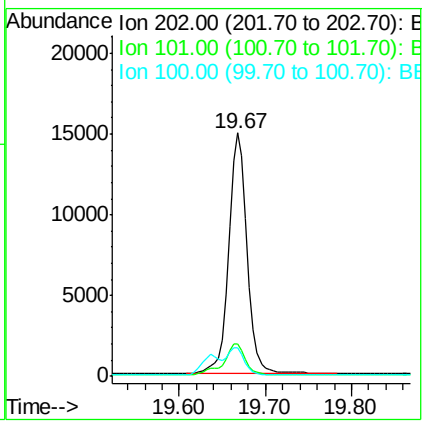


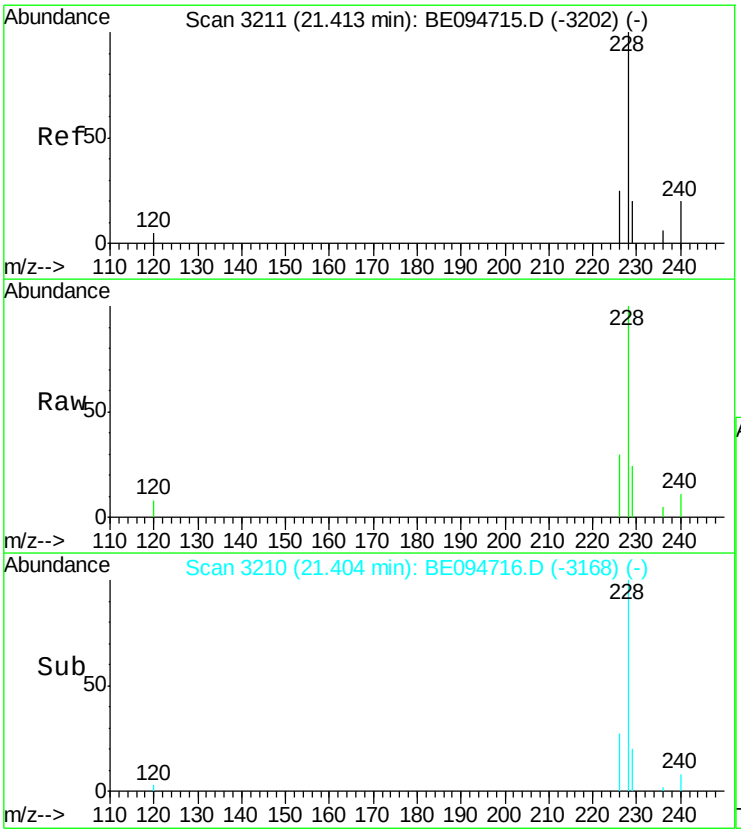
#17
Pyrene
Concen: 0.71 ng/ul
RT: 19.67 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:202 Resp: 22454

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.6	15.6	23.4#

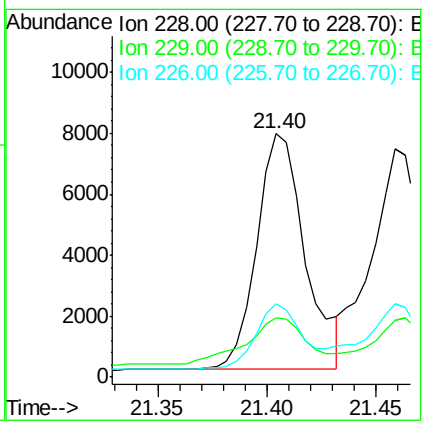


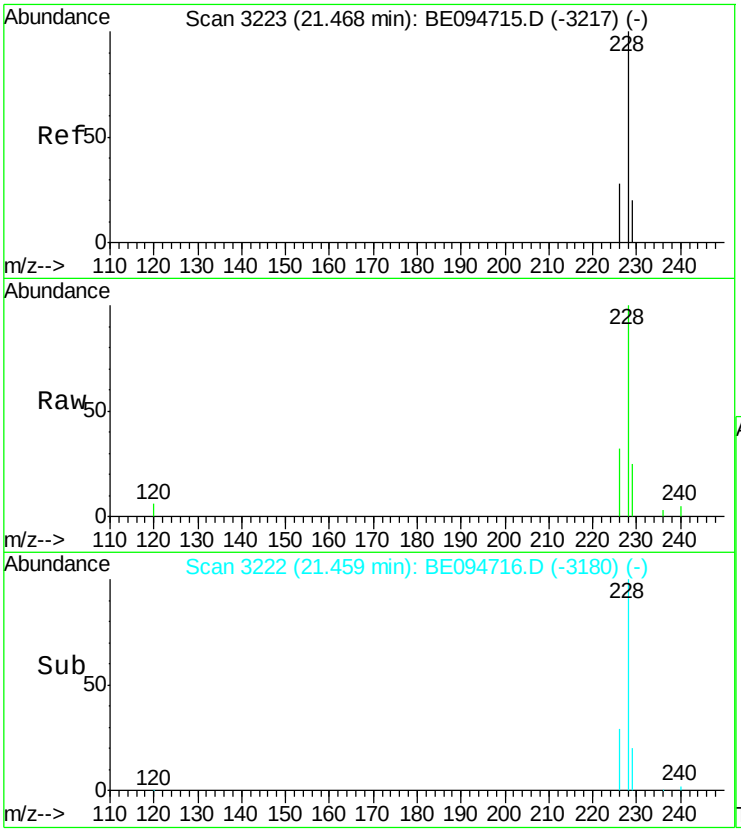


#18
Benzo(a)anthracene
Concen: 0.41 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:228 Resp: 11946

Ion	Ratio	Lower	Upper
228	100		
229	24.3	22.8	34.2
226	30.0	17.0	25.6#



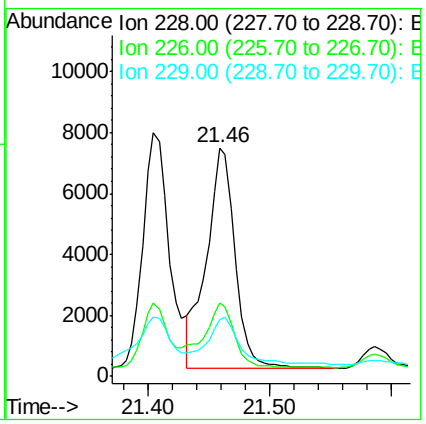


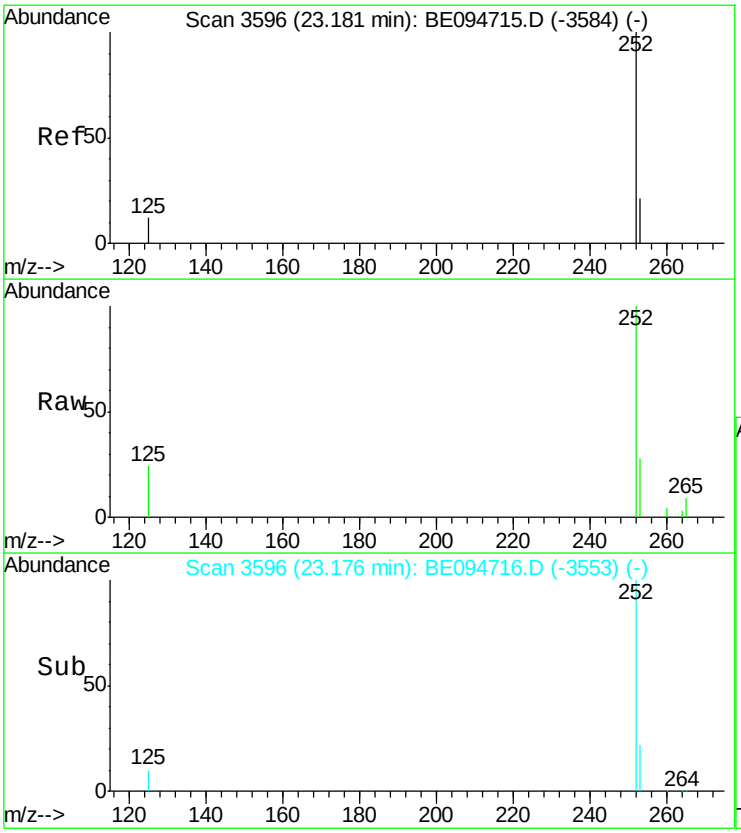
#19
Chrysene
Concen: 0.40 ng/ul
RT: 21.46 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:228 Resp: 12029

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	24.8	17.7	26.5

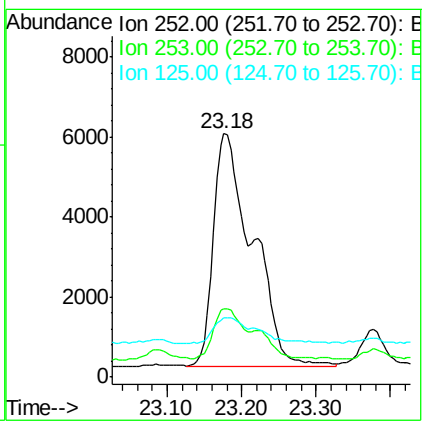


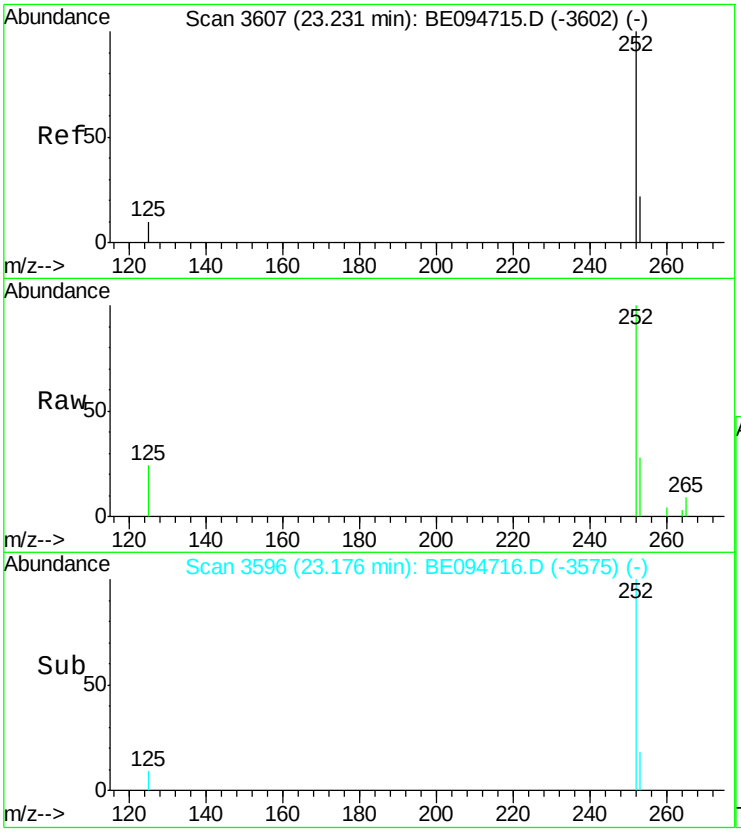


#21
Benzo(b)fluoranthene
Concen: 0.68 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.00 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:252 Resp: 21166

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	24.2	0.0	35.0



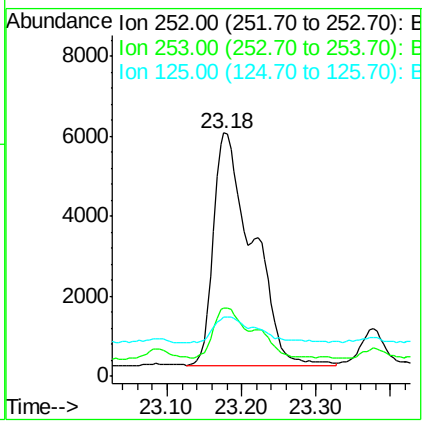


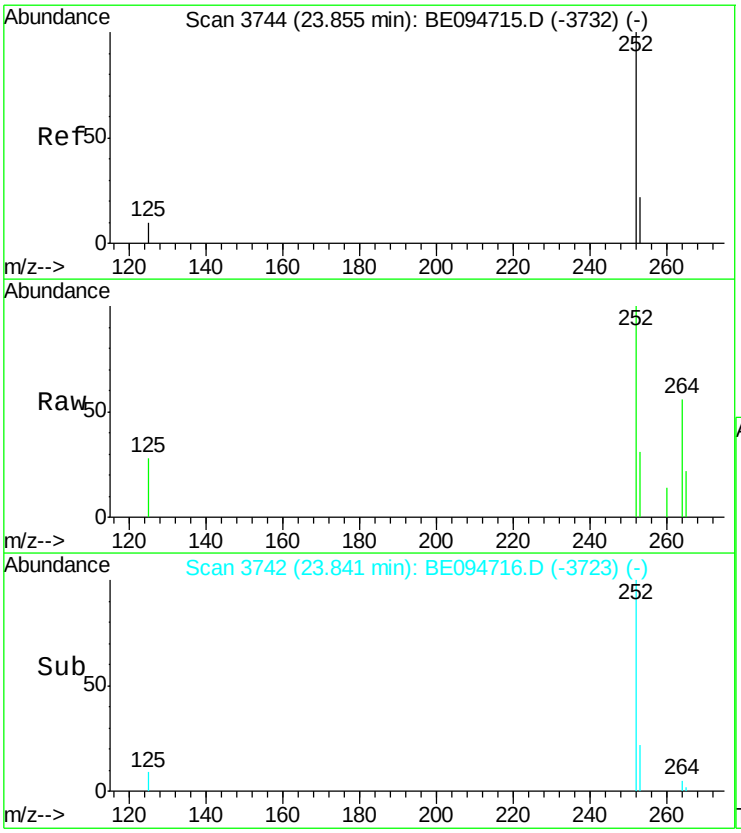
#22
Benzo(k)fluoranthene
Concen: 0.64 ng/ul
RT: 23.18 min Scan# 3596
Delta R.T. -0.05 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:252 Resp: 21166

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	24.2	13.7	20.5#

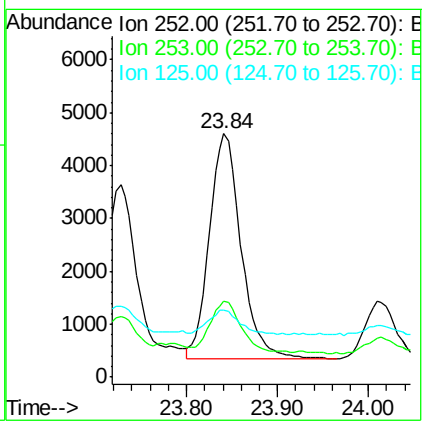


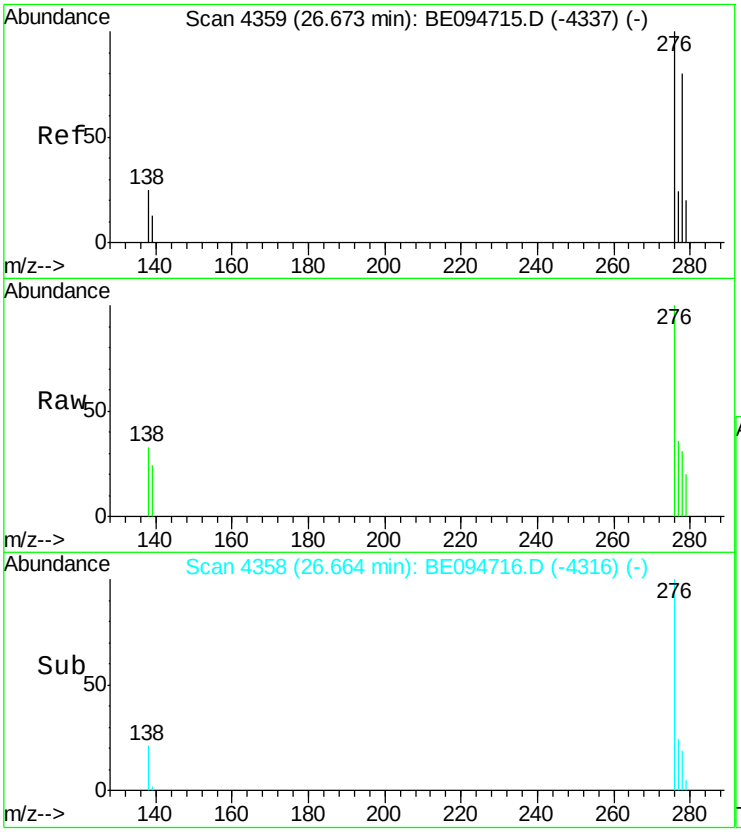


#23
Benzo(a)pyrene
Concen: 0.33 ng/ul
RT: 23.84 min Scan# 3742
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:252 Resp: 10293

Ion	Ratio	Lower	Upper
252	100		
253	31.0	28.5	42.7
125	27.8	18.1	27.1#



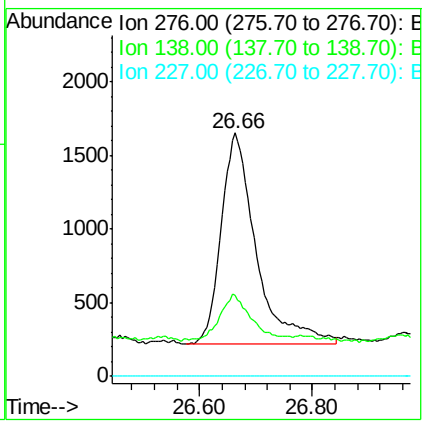


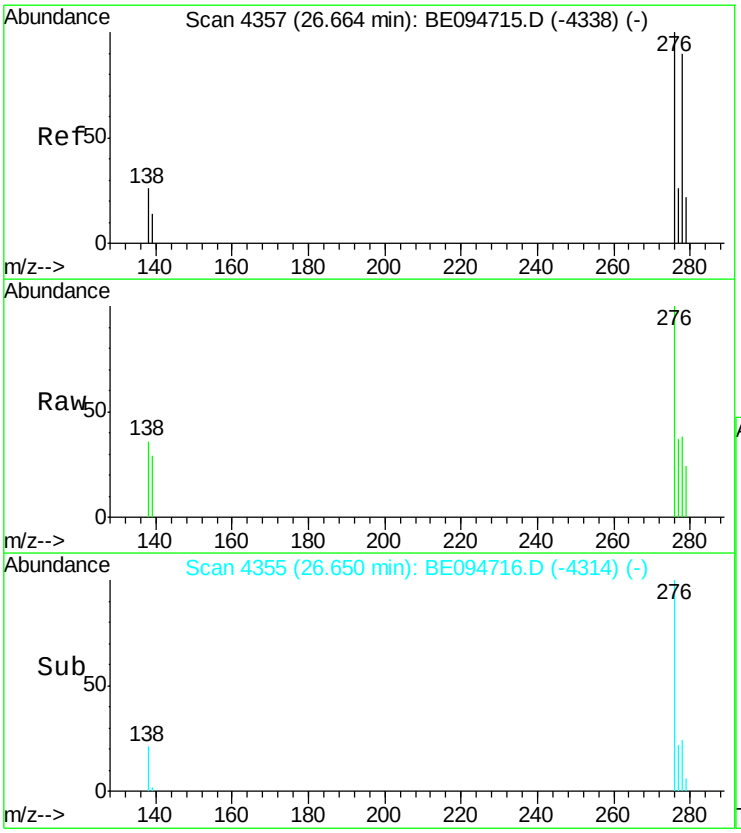
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.19 ng/ul
RT: 26.66 min Scan# 4358
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:276 Resp: 6144

Ion	Ratio	Lower	Upper
276	100		
138	19.9	28.0	42.0#
227	0.0	8.0	12.0#

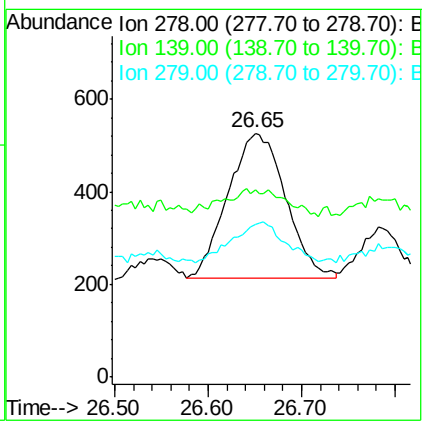


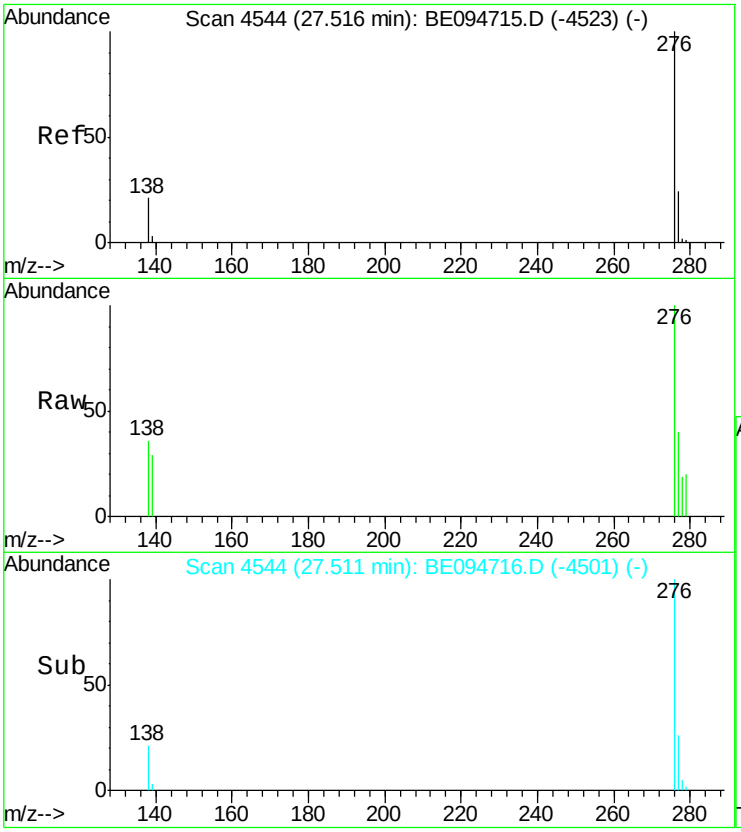


#25
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 26.65 min Scan# 4355
Delta R.T. -0.01 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Tgt Ion:278 Resp: 1346

Ion	Ratio	Lower	Upper
278	100		
139	76.8	17.4	26.0#
279	62.9	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.20 ng/ul
RT: 27.51 min Scan# 4544
Delta R.T. -0.00 min
Lab File: BE094716.D
Acq: 3 Nov 2017 20:19

Instrument :
BNA_E
ClientSampleId :
B-5(0.5-1.5)-101317

Tgt Ion:276 Resp: 5287

Ion	Ratio	Lower	Upper
276	100		
138	36.5	21.8	32.8#
277	40.1	20.5	30.7#