Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096854.D
Acq On : 6 Jul 2018 14:51
Operator : SJ/JU
Sample : SSTD1.648
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 06 15:34:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 14:58:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2943	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8422	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	22080	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	20758	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	16491	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	40387	1.59	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	98503	1.53	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	57925	1.542	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	41536	1.703	ng/ul	97
7) Acenaphthylene	13.74	152	58939	1.611	ng/ul	95
8) Acenaphthene	14.09	153	46901	1.552	ng/ul	93
9) Fluorene	15.08	166	51132	1.581	ng/ul#	93
11) Pentachlorophenol	16.43	266	2769	3.225	ng/ul	99
12) Phenanthrene	16.82	178	94164	1.520	ng/ul#	89
13) Anthracene	16.91	178	87489	1.700	ng/ul#	92
15) Fluoranthene	18.85	202	110243	1.608	ng/ul	84
17) Pyrene	19.21	202	103695	1.428	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	87943	1.767	ng/ul#	84
19) Chrysene	21.02	228	100510	1.445	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	81265	1.668	ng/ul	81
22) Benzo(k)fluoranthene	22.58	252	89285	1.763	ng/ul#	84
23) Benzo(a)pyrene	23.12	252	71803	1.643	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	77976	1.776	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.53	278	64490	1.900	ng/ul#	86
26) Benzo(g,h,i)perylene	26.20	276	70836	1.627	ng/ul#	92

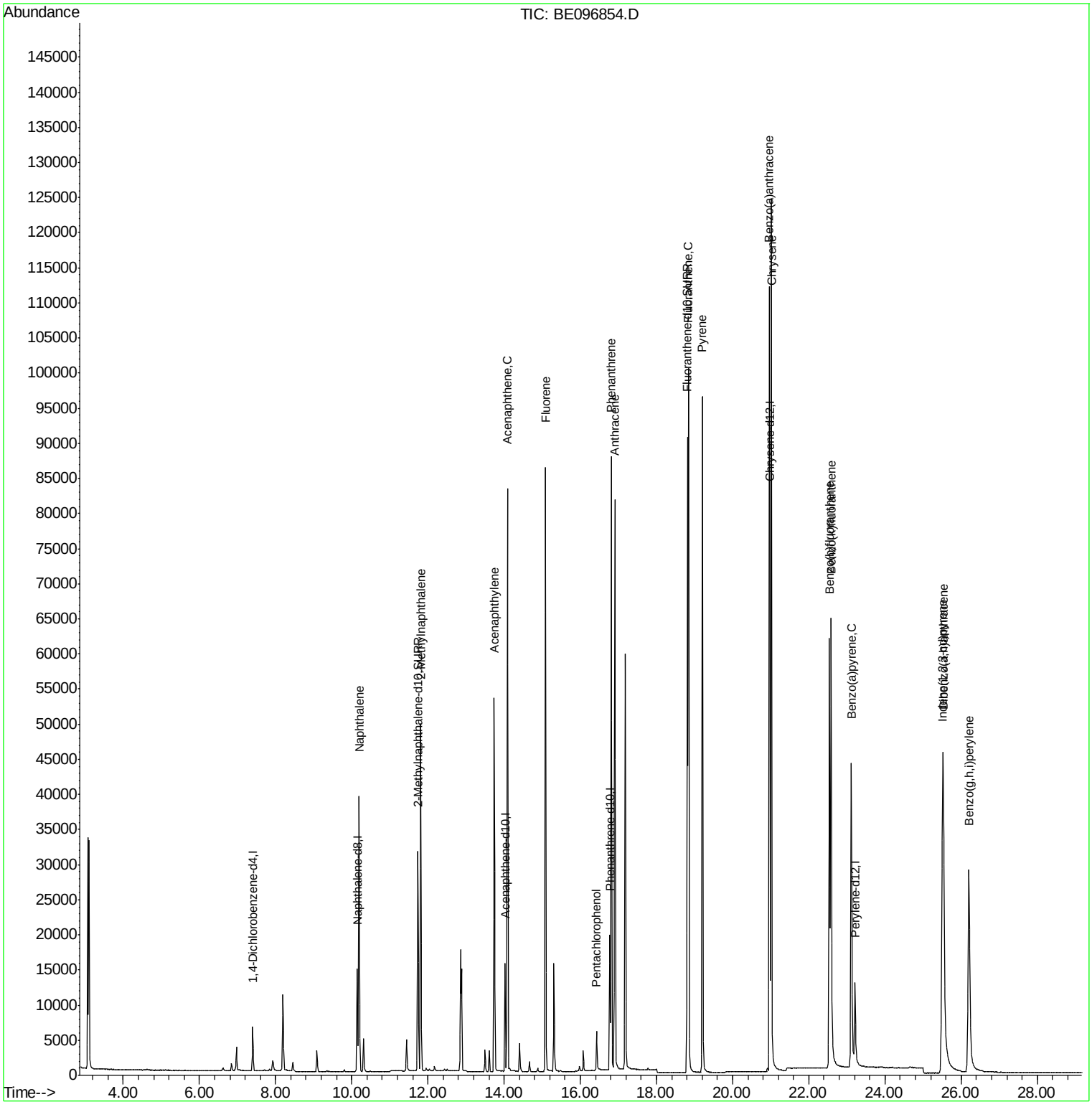
(#) = qualifier out of range (m) = manual integration (+) = signals summed

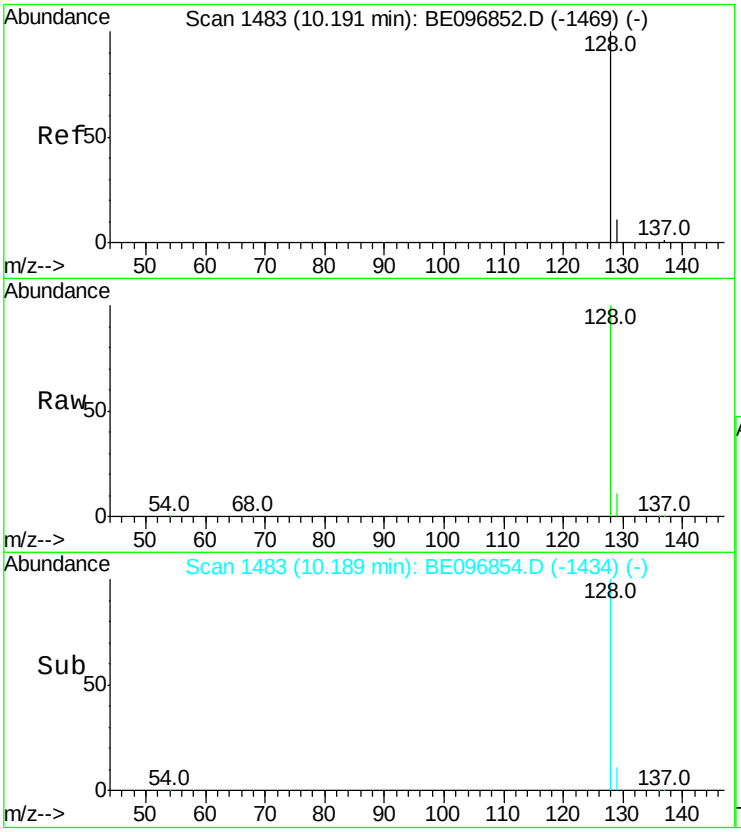
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096854.D
Acq On : 6 Jul 2018 14:51
Operator : SJ/JU
Sample : SSTD1.648
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 06 15:34:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 14:58:27 2018
Response via : Initial Calibration



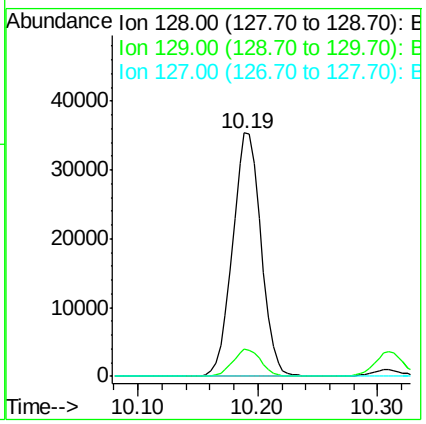


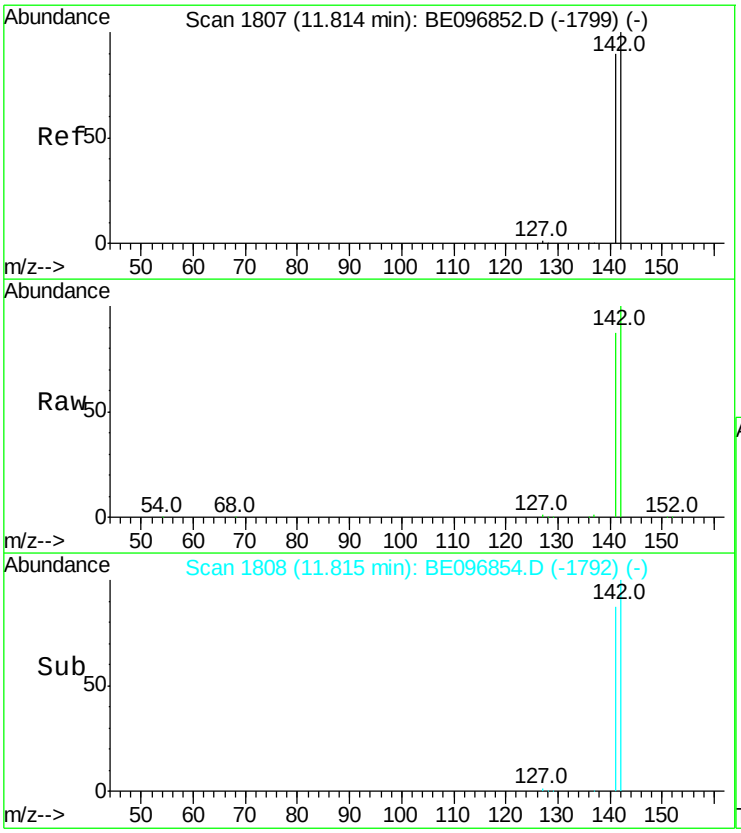
#3
Naphthalene
Concen: 1.542 ng/ul
RT: 10.19 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 57925

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

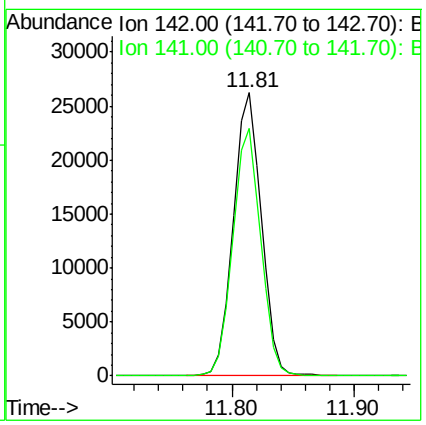


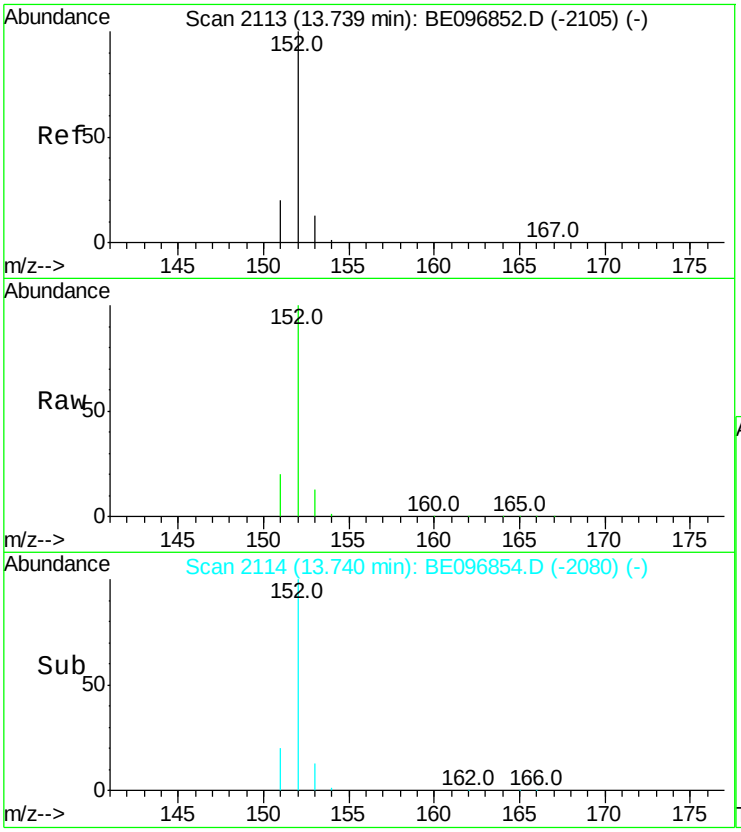


#5
2-Methylnaphthalene
Concen: 1.703 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:142 Resp: 41536

Ion	Ratio	Lower	Upper
142	100		
141	87.6	72.6	108.8



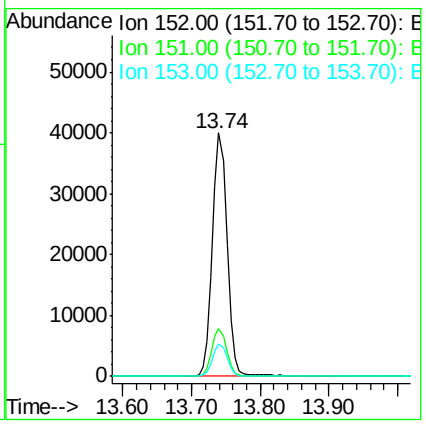


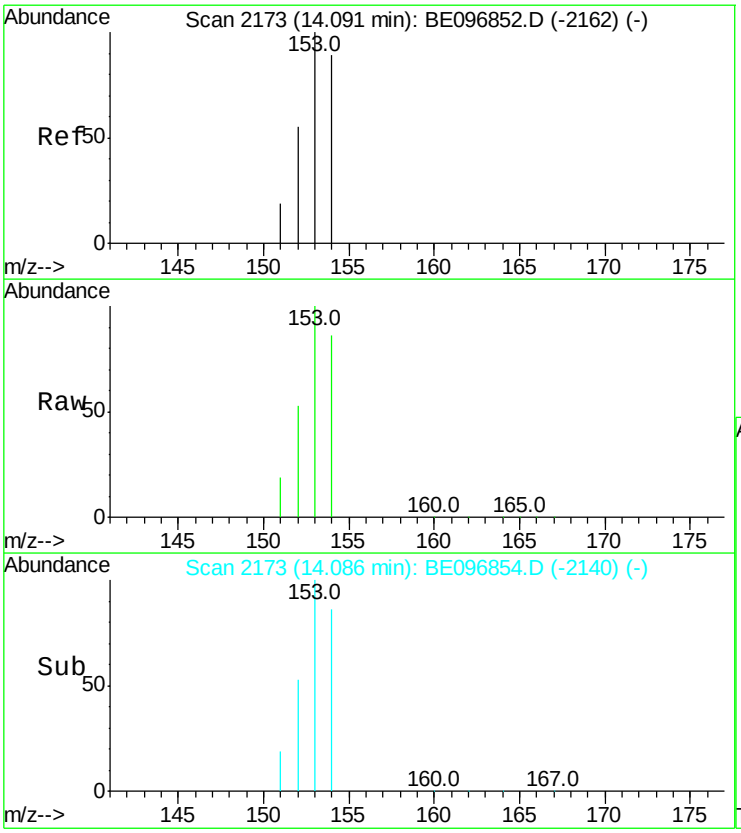
#7
Acenaphthylene
Concen: 1.611 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 58939

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.1	25.7
153	13.1	12.8	19.2

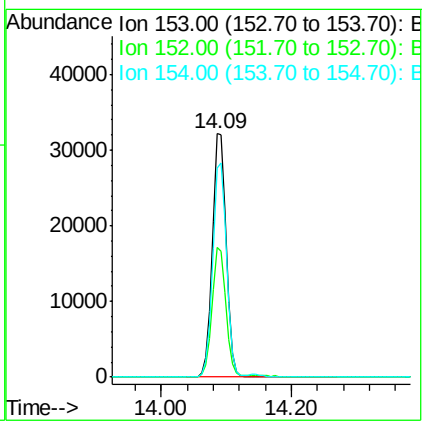


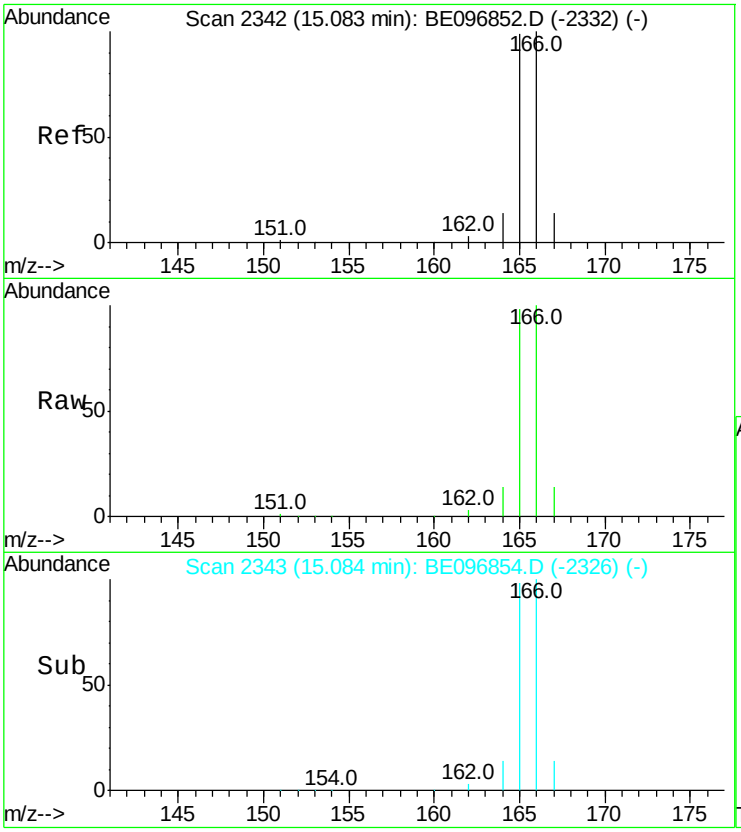


#8
Acenaphthene
Concen: 1.552 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:153 Resp: 46901

Ion	Ratio	Lower	Upper
153	100		
152	53.4	36.0	54.0
154	86.1	72.0	108.0



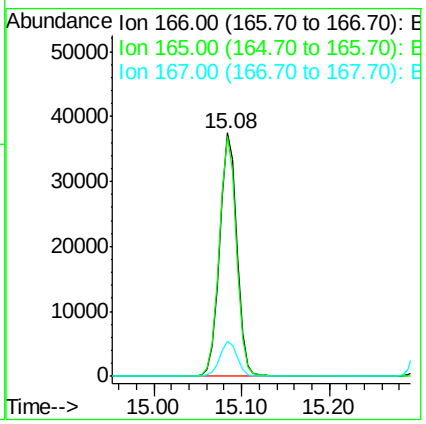


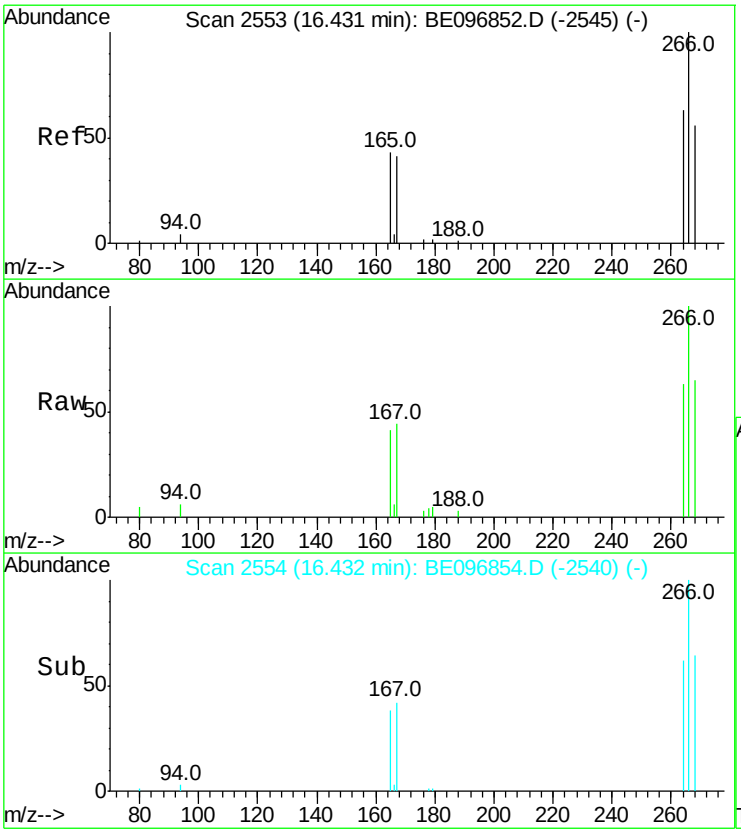
#9
Fluorene
Concen: 1.581 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 51132

Ion	Ratio	Lower	Upper
166	100		
165	98.3	73.4	110.2
167	14.4	14.6	22.0#

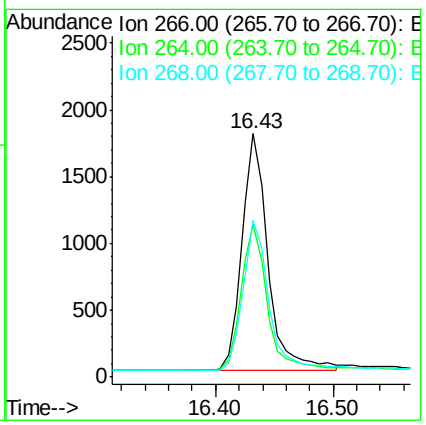


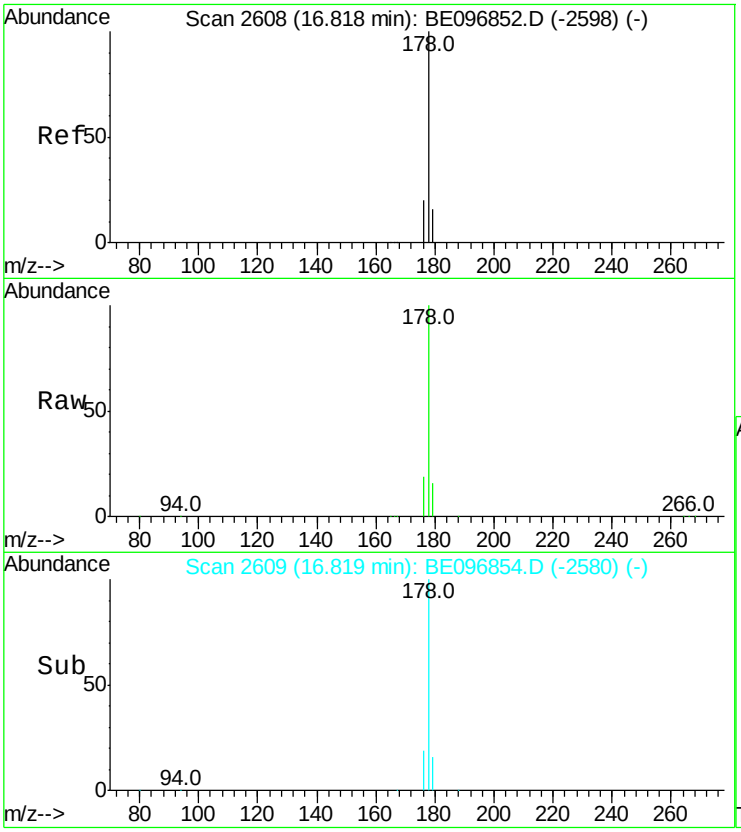


#11
Pentachlorophenol
Concen: 3.225 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:266 Resp: 2769

Ion	Ratio	Lower	Upper
266	100		
264	60.6	47.9	71.9
268	62.9	49.8	74.8



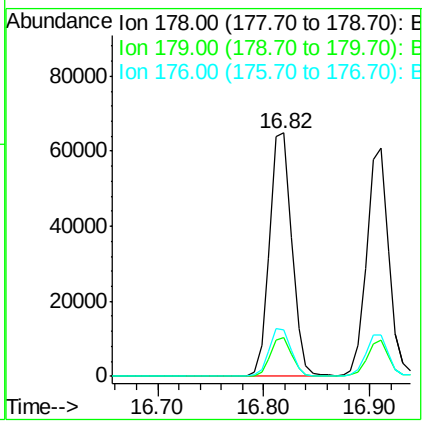


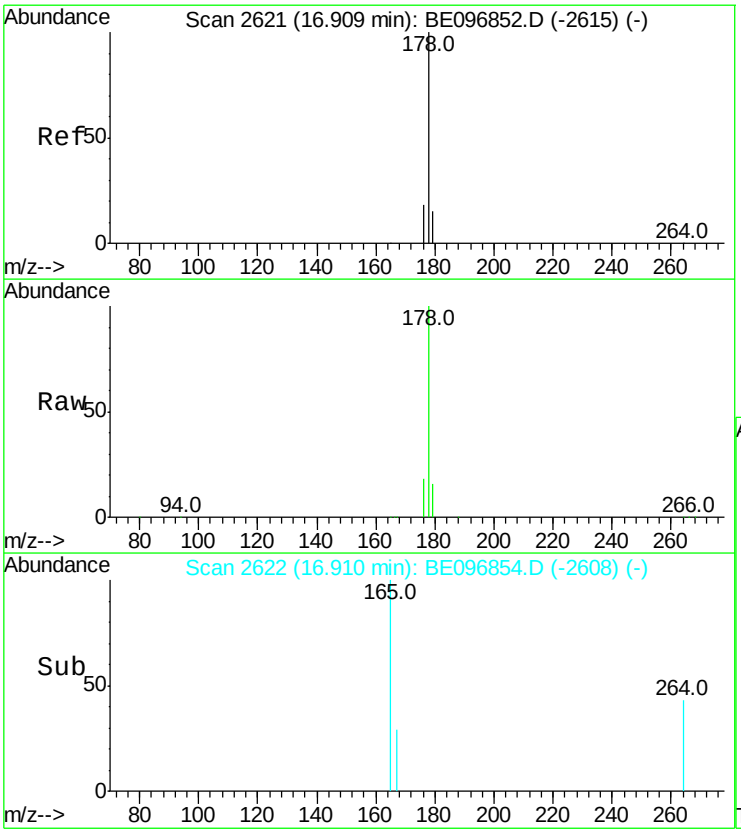
#12
Phenanthrene
Concen: 1.520 ng/ul
RT: 16.82 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 94164

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.0	13.6	20.4

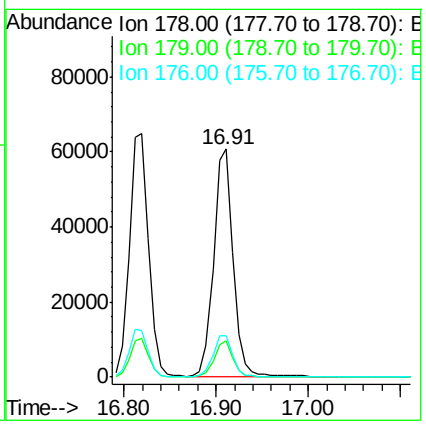


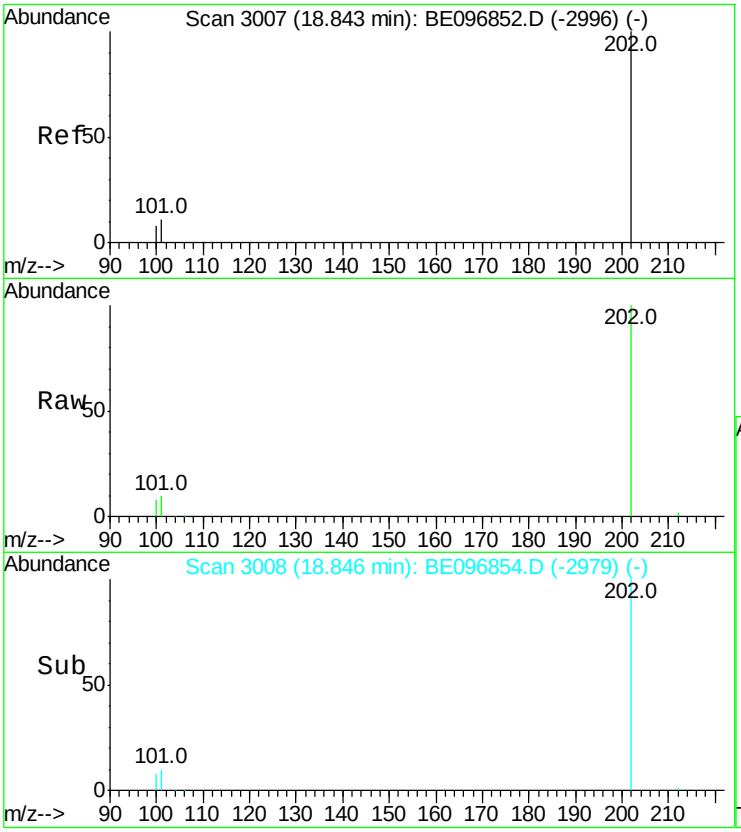


#13
Anthracene
Concen: 1.700 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:178 Resp: 87489

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	18.3	14.7	22.1



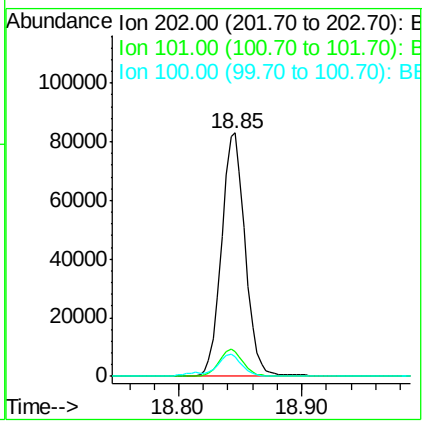


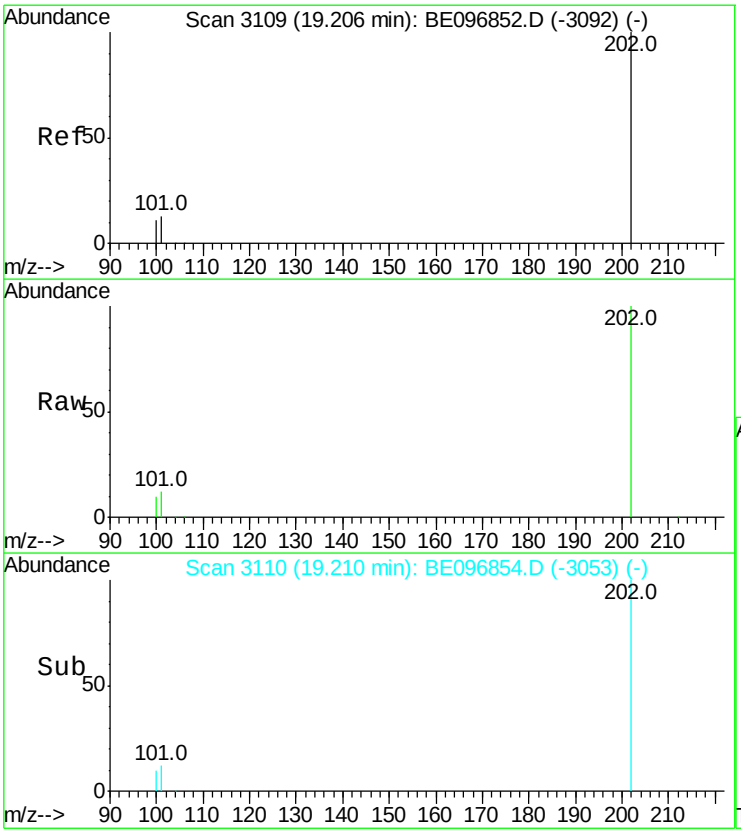
#15
Fluoranthene
Concen: 1.608 ng/ul
RT: 18.85 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 110243

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.3	0.0	39.5

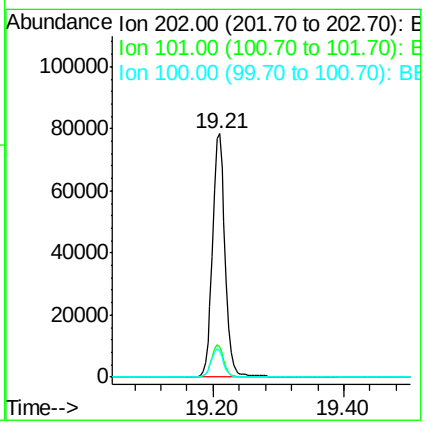


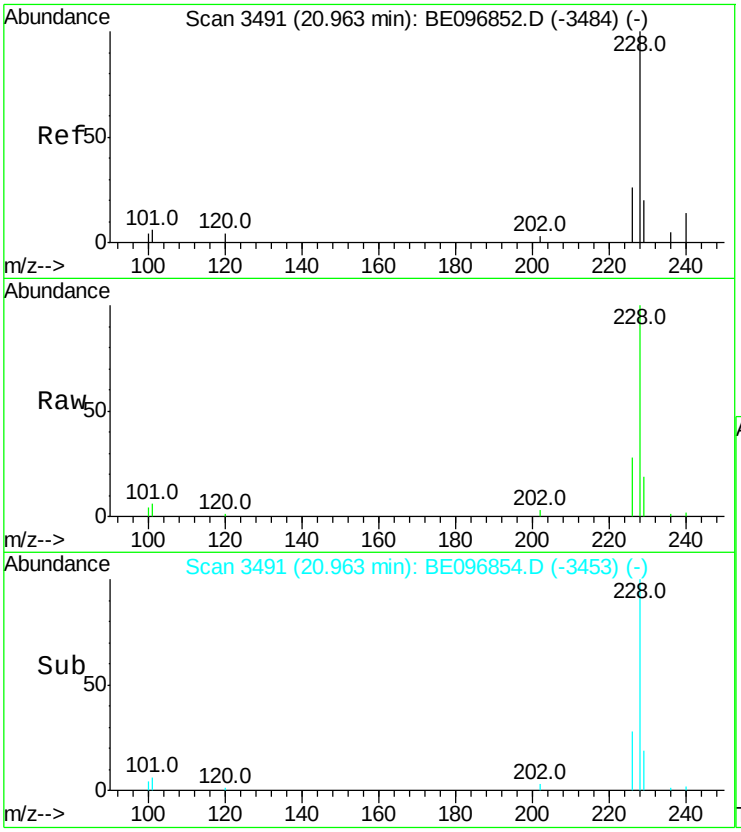


#17
Pyrene
Concen: 1.428 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:202 Resp: 103695

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



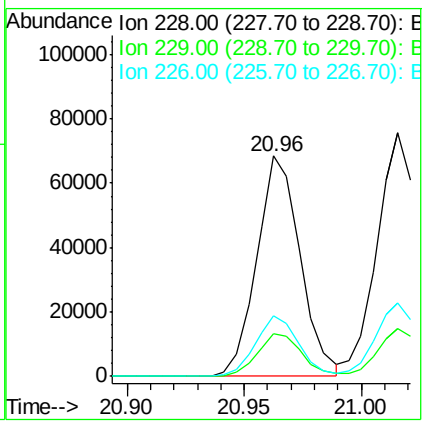


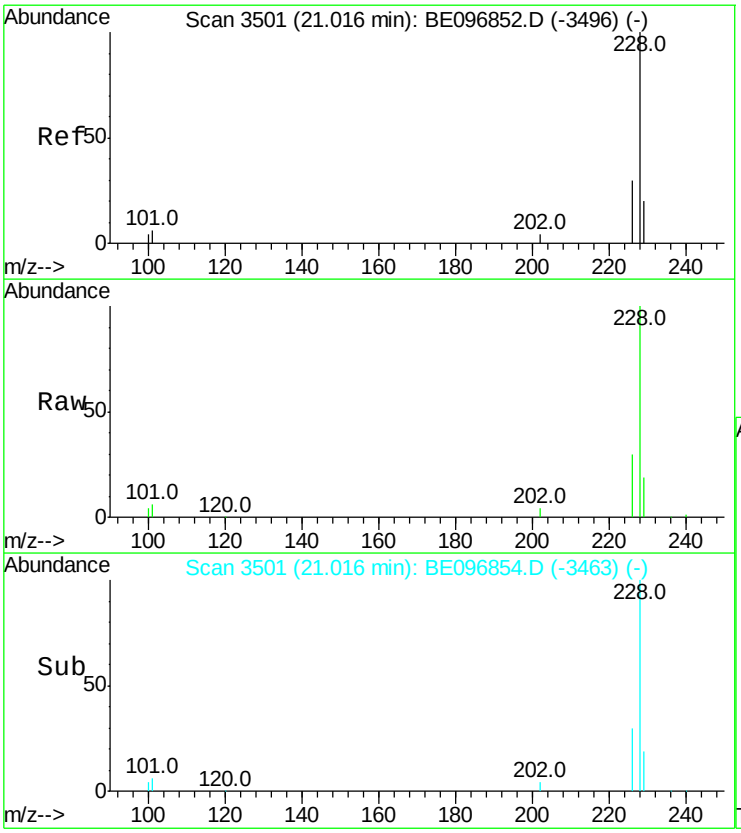
#18
Benzo(a)anthracene
Concen: 1.767 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 87943

Ion	Ratio	Lower	Upper
228	100		
229	19.2	22.8	34.2#
226	27.6	17.0	25.6#

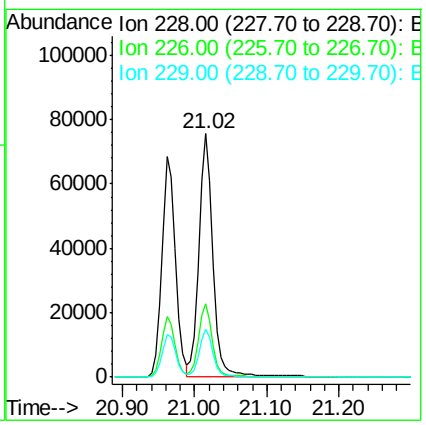


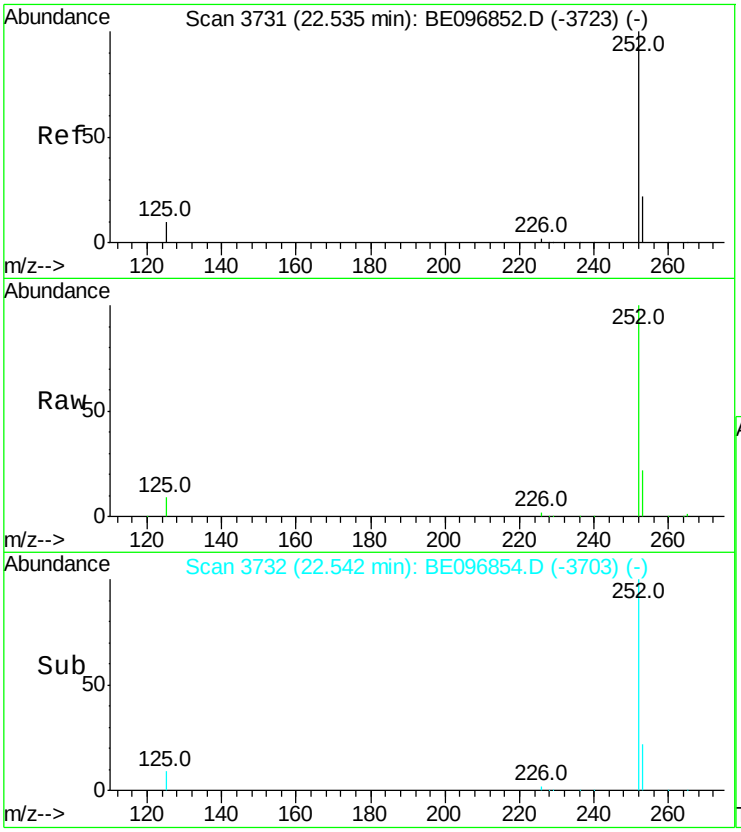


#19
Chrysene
Concen: 1.445 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:228 Resp: 100510

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	19.4	17.7	26.5



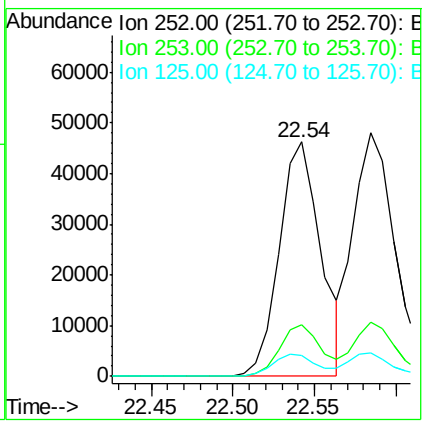


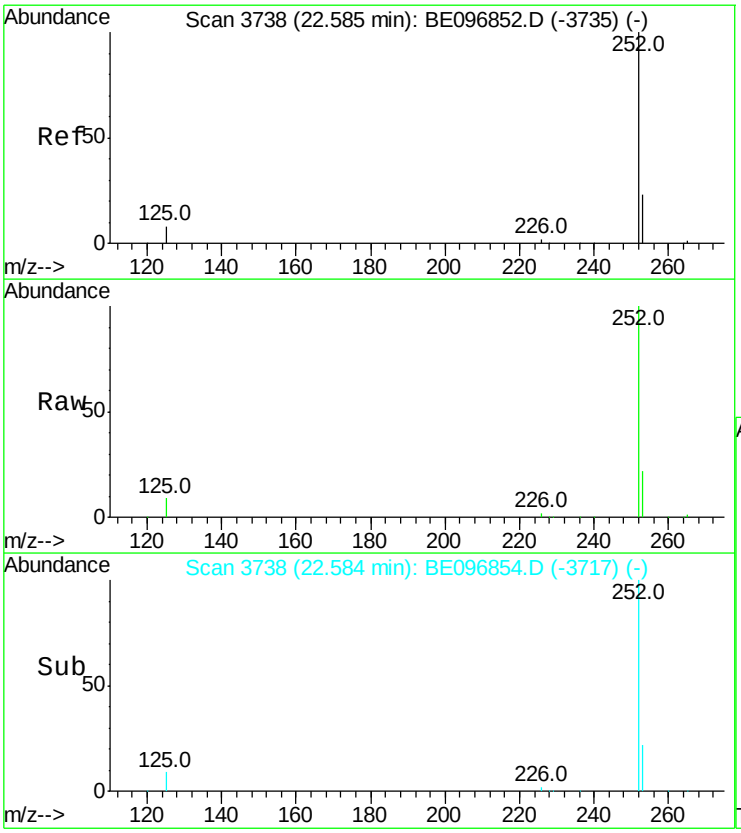
#21
Benzo(b)fluoranthene
Concen: 1.668 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 81265

Ion	Ratio	Lower	Upper
252	100		
253	21.9	0.0	64.2
125	8.8	0.0	35.0

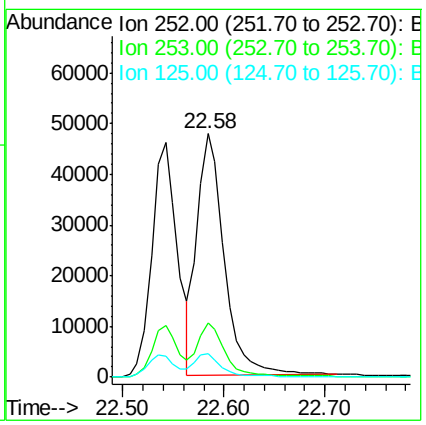


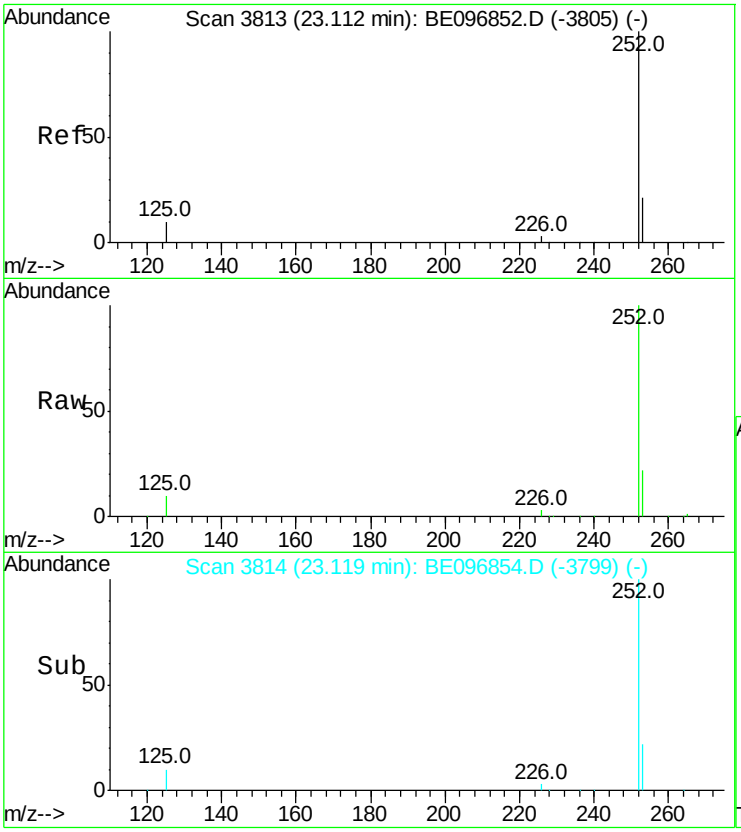


#22
Benzo(k)fluoranthene
Concen: 1.763 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:252 Resp: 89285

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.5	36.7#
125	9.5	13.7	20.5#



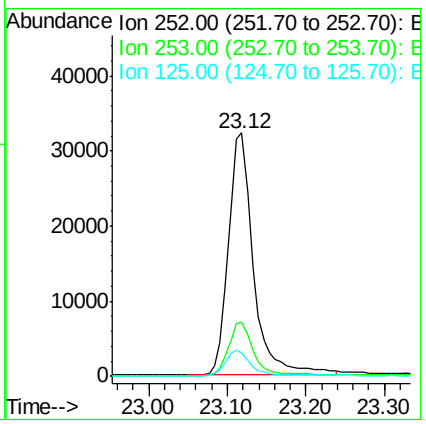


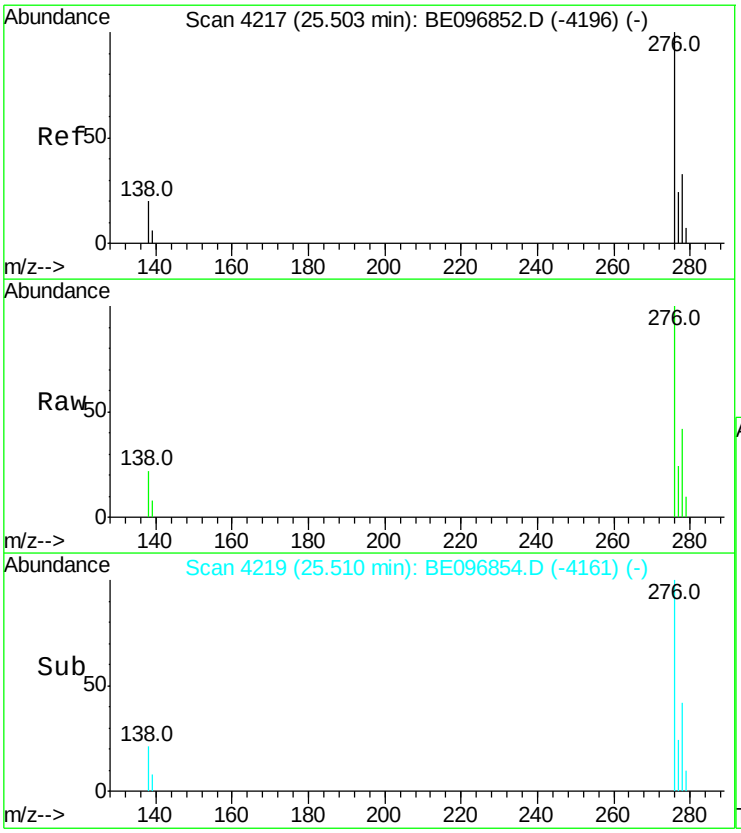
#23
Benzo(a)pyrene
Concen: 1.643 ng/ul
RT: 23.12 min Scan# 3814
Delta R.T. 0.01 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 71803

Ion	Ratio	Lower	Upper
252	100		
253	22.2	28.5	42.7#
125	9.8	18.1	27.1#

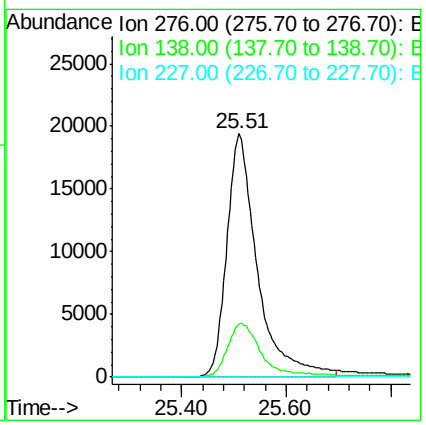


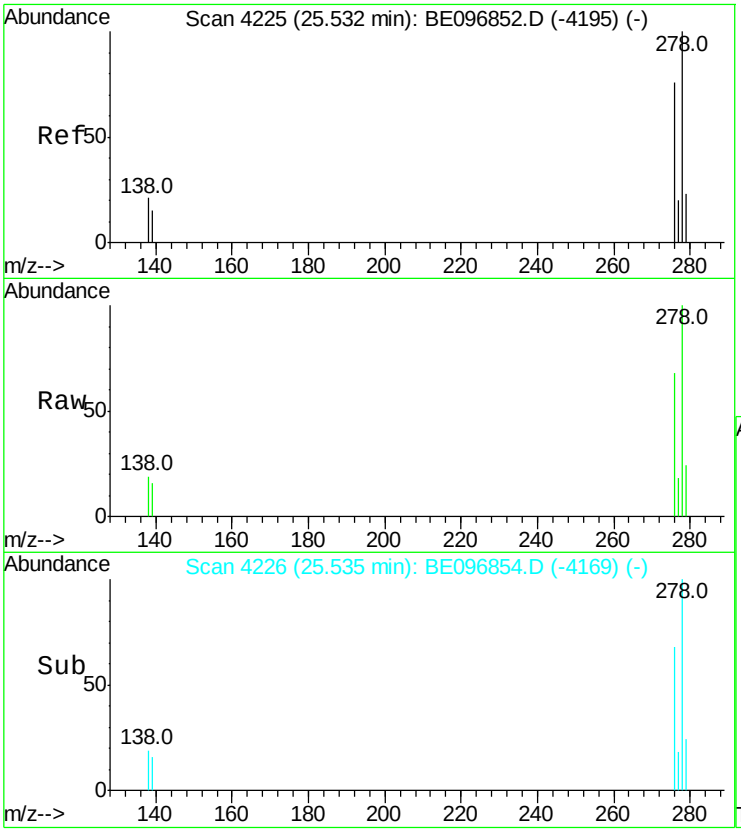


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.776 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. 0.01 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:276 Resp: 77976

Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#



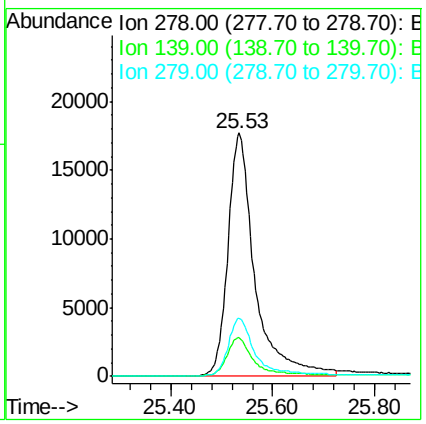


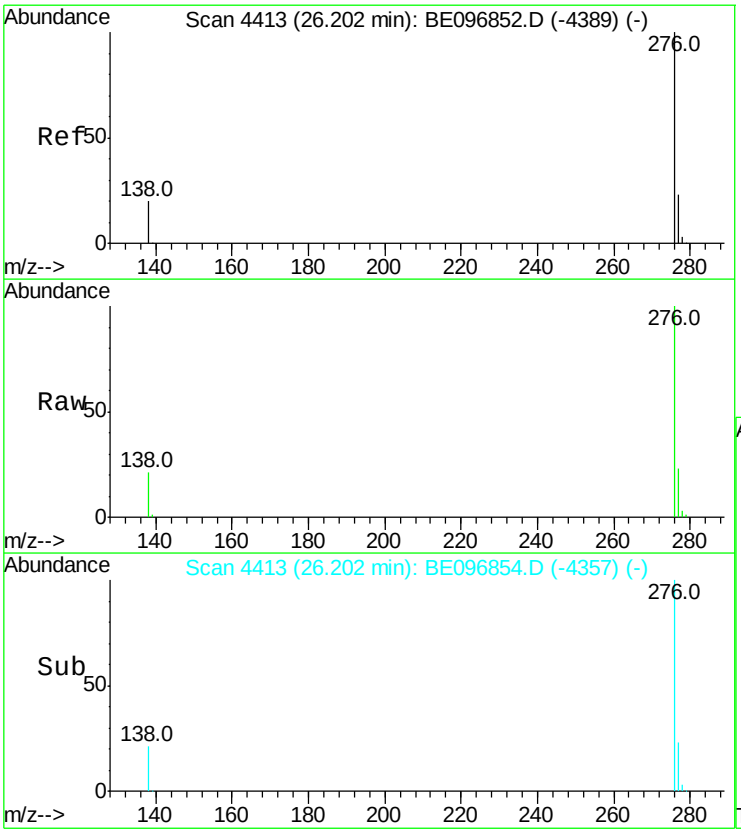
#25
Dibenzo(a,h)anthracene
Concen: 1.900 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 64490

Ion	Ratio	Lower	Upper
278	100		
139	16.1	17.4	26.0#
279	24.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.627 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE096854.D
Acq: 6 Jul 2018 14:51

Tgt Ion:276 Resp: 70836

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	23.5	20.5	30.7