Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046302.D
Acq On : 17 Aug 2020 17:52
Operator : CG/JU
Sample : L3632-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM90

Quant Time: Aug 18 01:25:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	66915	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	279238	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	202831	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	500599	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	512708	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	543844	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	152572	31.73	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	599605	32.12	ng/ul	0.00
10) Fluorene-d10	15.56	176	474846	33.20	ng/ul	0.00
15) Anthracene-d10	17.41	188	741355	31.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	869636	32.95	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	970187	32.69	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	37149	1.957	ng/ul	96
9) Acenaphthene	14.63	153	17140	1.265	ng/ul	99
11) Fluorene	15.61	166	20543	1.296	ng/ul	91
14) Phenanthrene	17.35	178	569450	20.677	ng/ul	100
16) Anthracene	17.44	178	65209	2.347	ng/ul	99
17) Fluoranthene	19.36	202	1024278	33.355	ng/ul	98
20) Pyrene	19.72	202	985557	29.285	ng/ul	99
21) Benzo(a)anthracene	21.54	228	473539	14.195	ng/ul	96
22) Chrysene	21.60	228	579083	17.957	ng/ul	99
24) Benzo(b)fluoranthene	23.68	252	783806	21.794	ng/ul	97
25) Benzo(k)fluoranthene	23.68	252	783806	21.971	ng/ul	98
27) Benzo(a)pyrene	24.52	252	520205	15.756	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.16	276	395619	9.570	ng/ul	99
29) Dibenzo(a,h)anthracene	28.21	278	100862	3.009	ng/ul#	88
30) Benzo(g,h,i)perylene	29.25	276	342107	9.888	ng/ul	99

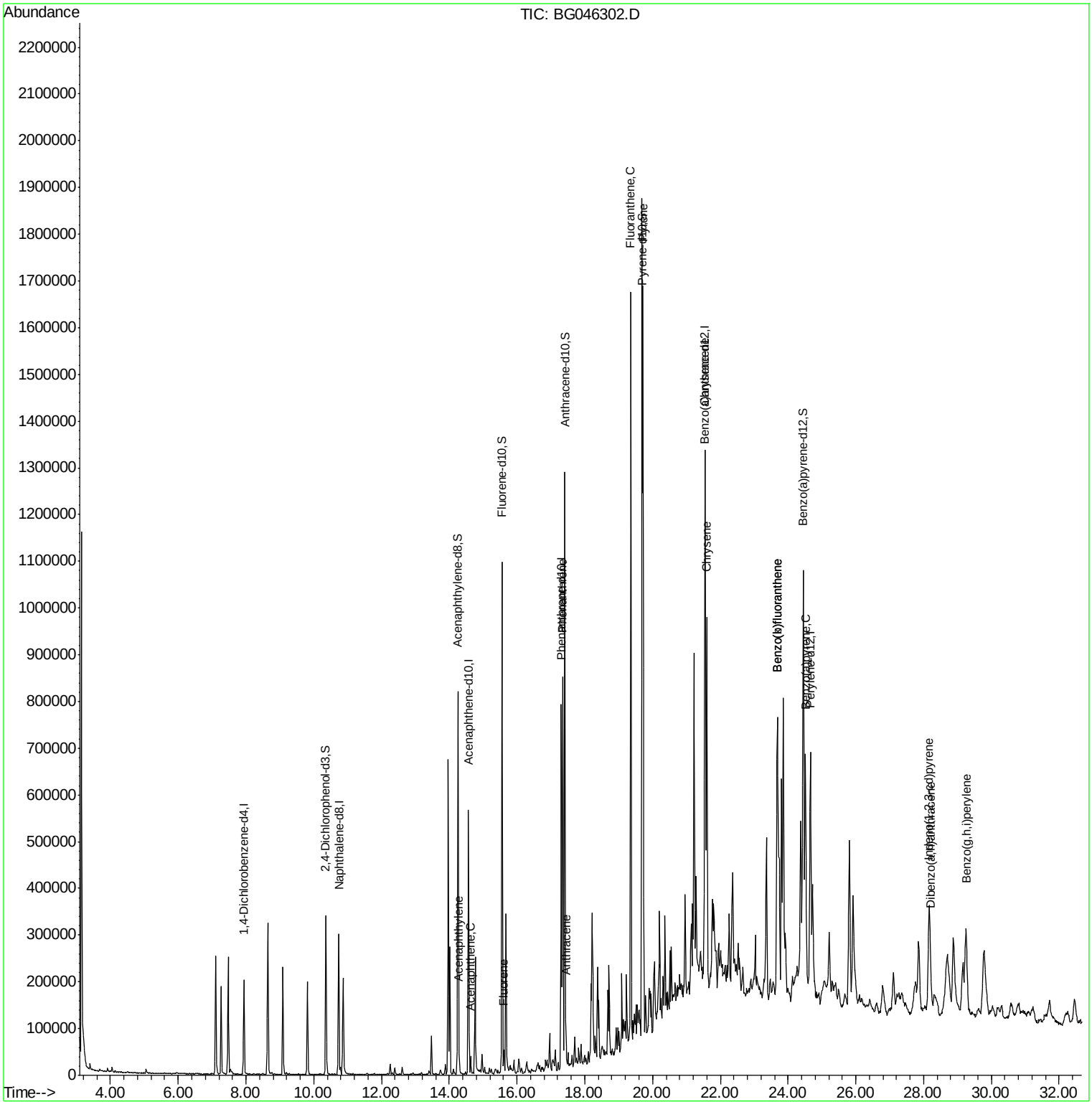
(#) = qualifier out of range (m) = manual integration (+) = signals summed

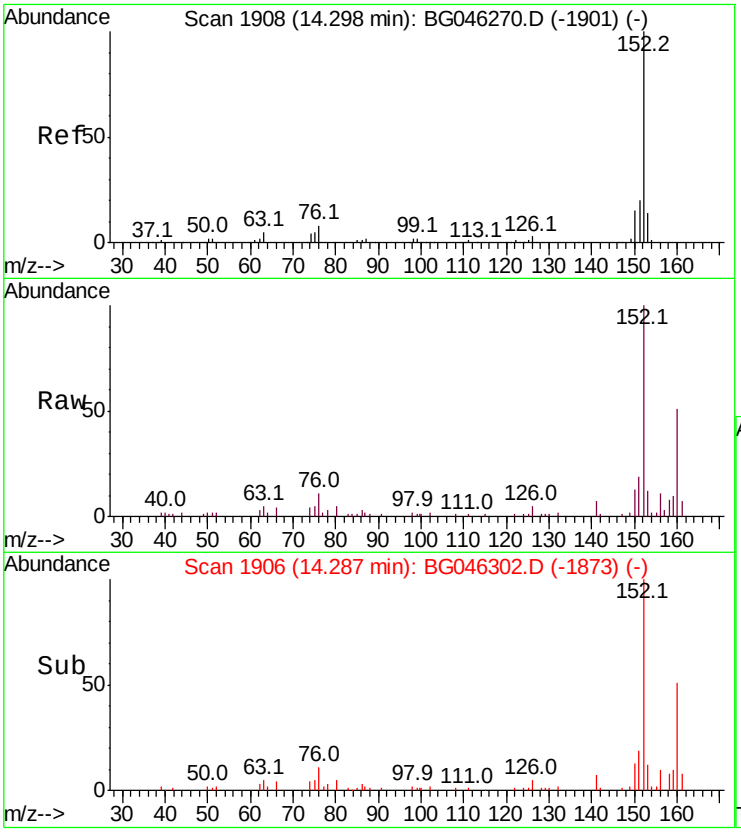
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046302.D
Acq On : 17 Aug 2020 17:52
Operator : CG/JU
Sample : L3632-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM90

Quant Time: Aug 18 01:25:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration



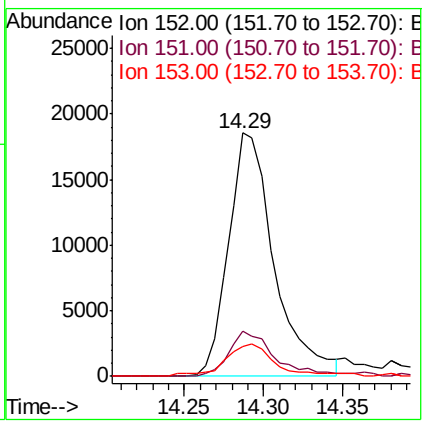


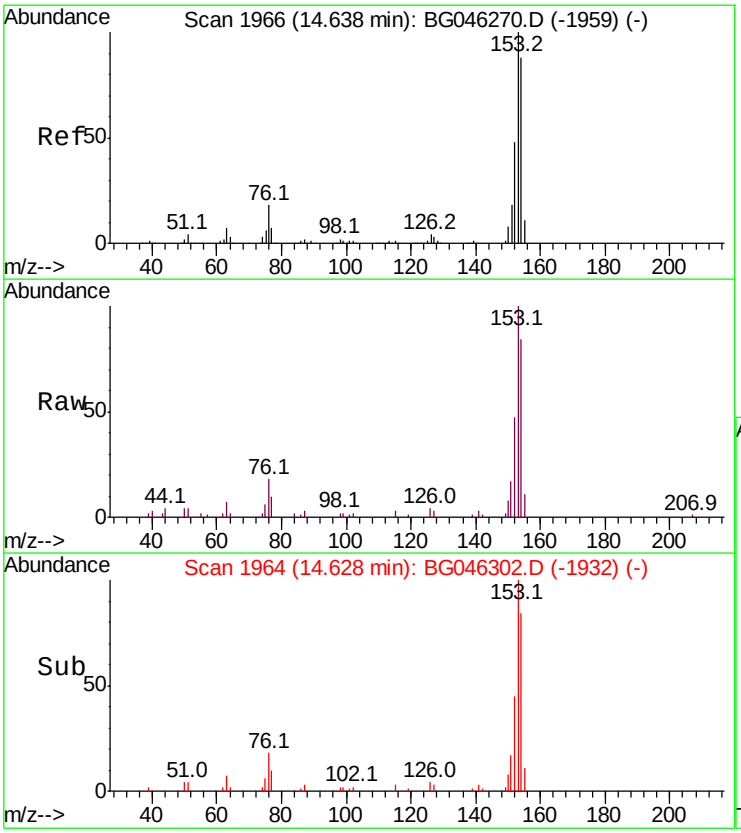
#8
Acenaphthylene
Concen: 1.957 ng/ul
RT: 14.29 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:152 Resp: 37149

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.5	24.7
153	12.2	11.0	16.6

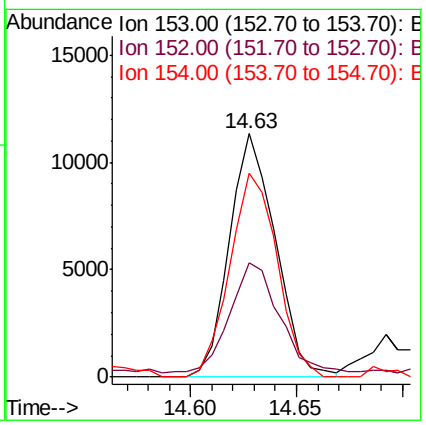


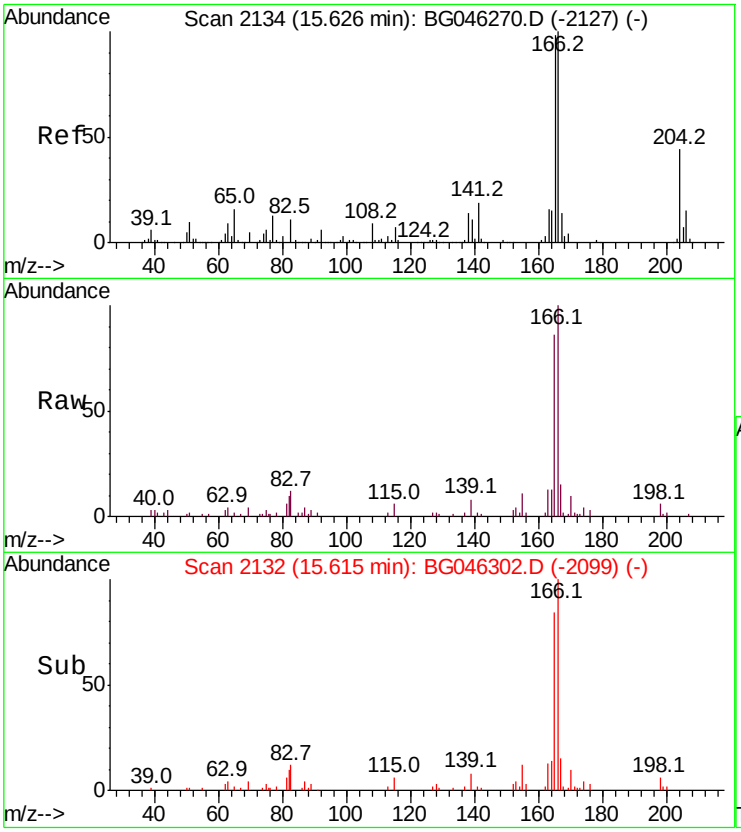


#9
Acenaphthene
Concen: 1.265 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:153 Resp: 17140

Ion	Ratio	Lower	Upper
153	100		
152	47.2	37.2	55.8
154	83.6	67.8	101.6



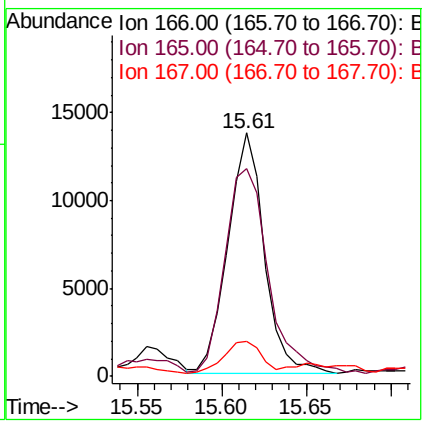


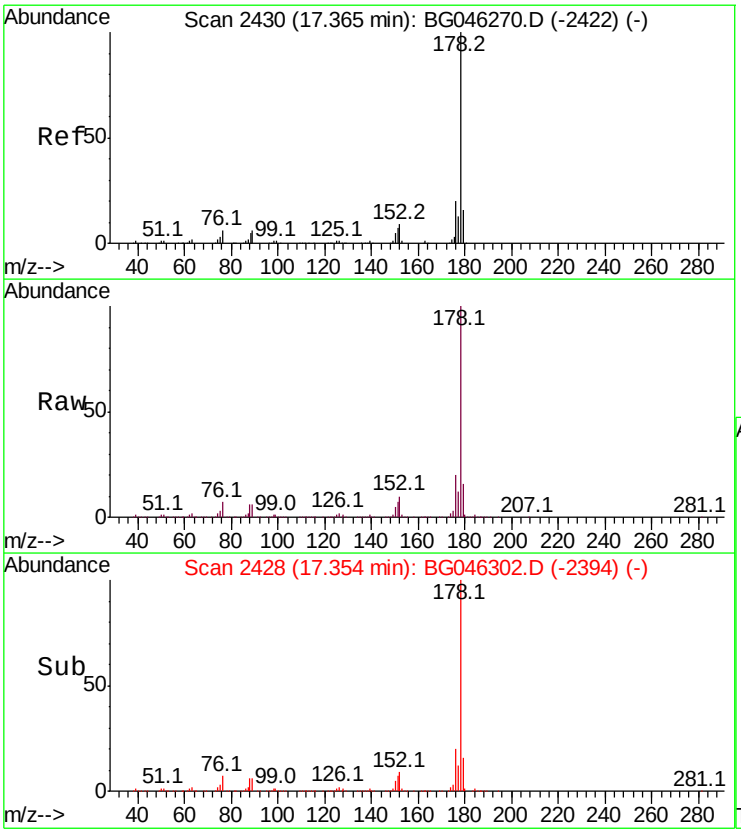
#11
Fluorene
Concen: 1.296 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:166 Resp: 20543

Ion	Ratio	Lower	Upper
166	100		
165	85.6	75.9	113.9
167	14.6	10.7	16.1

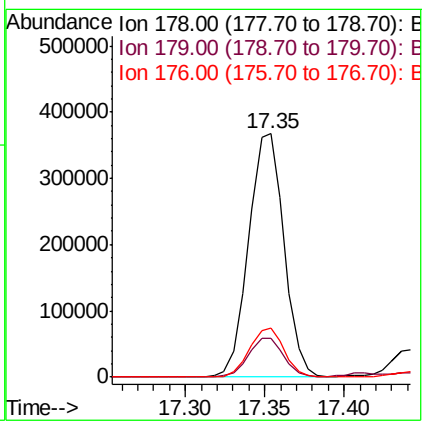


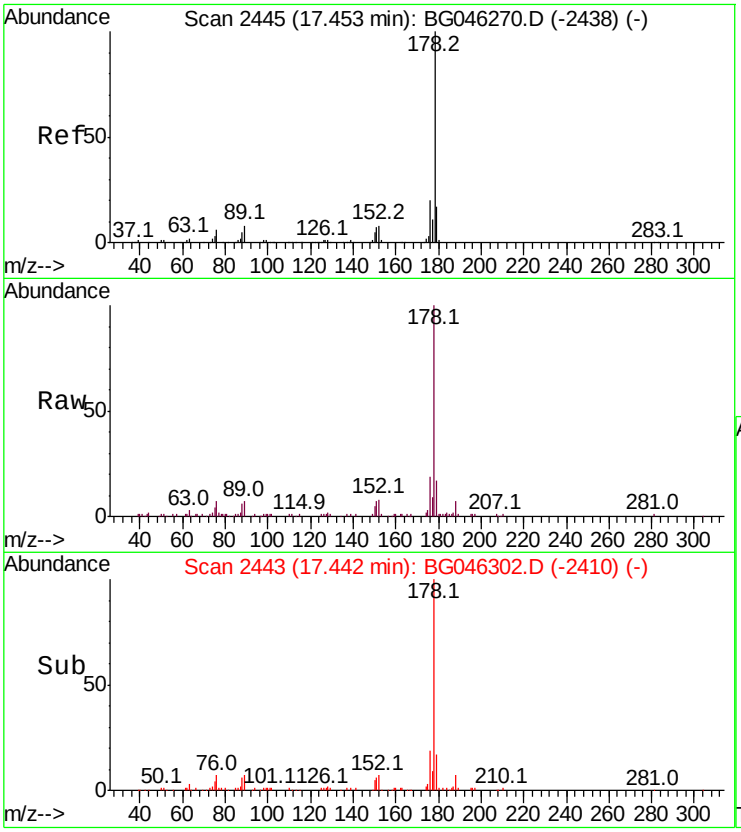


#14
Phenanthrene
Concen: 20.677 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:178 Resp: 569450

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	15.8	23.8



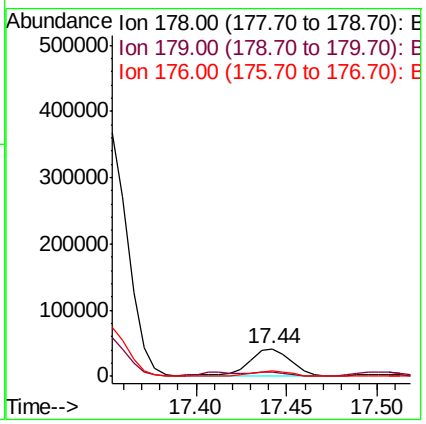


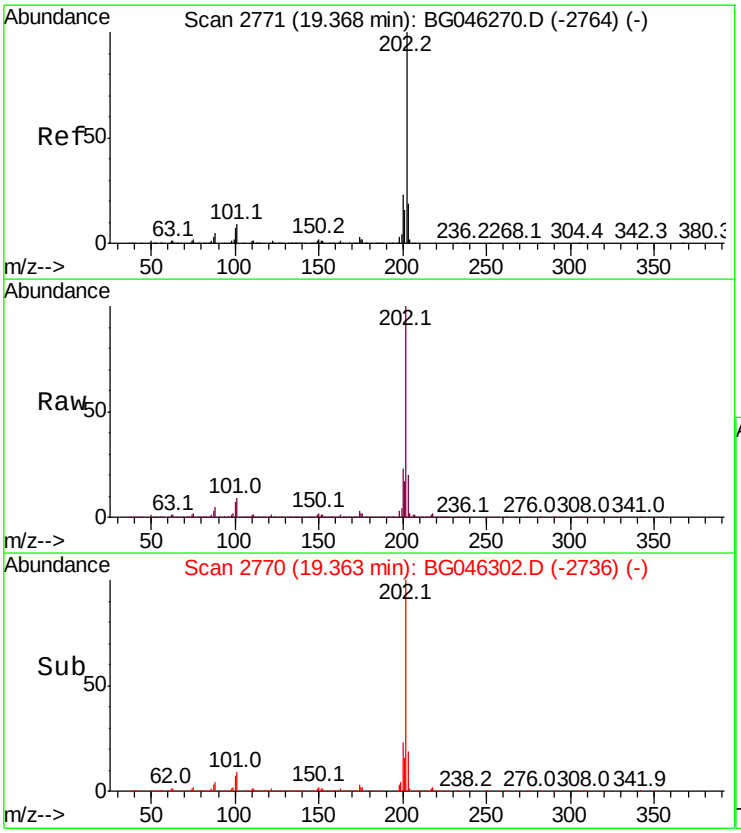
#16
Anthracene
Concen: 2.347 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:178 Resp: 65209

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.2	19.8
176	18.6	15.2	22.8

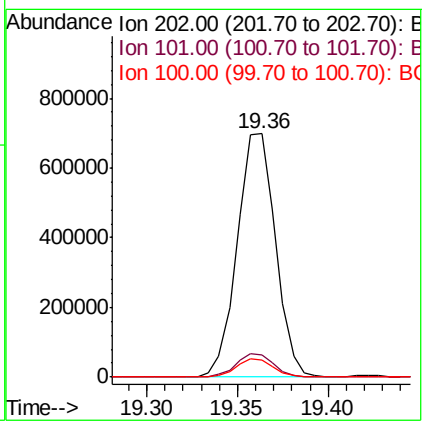


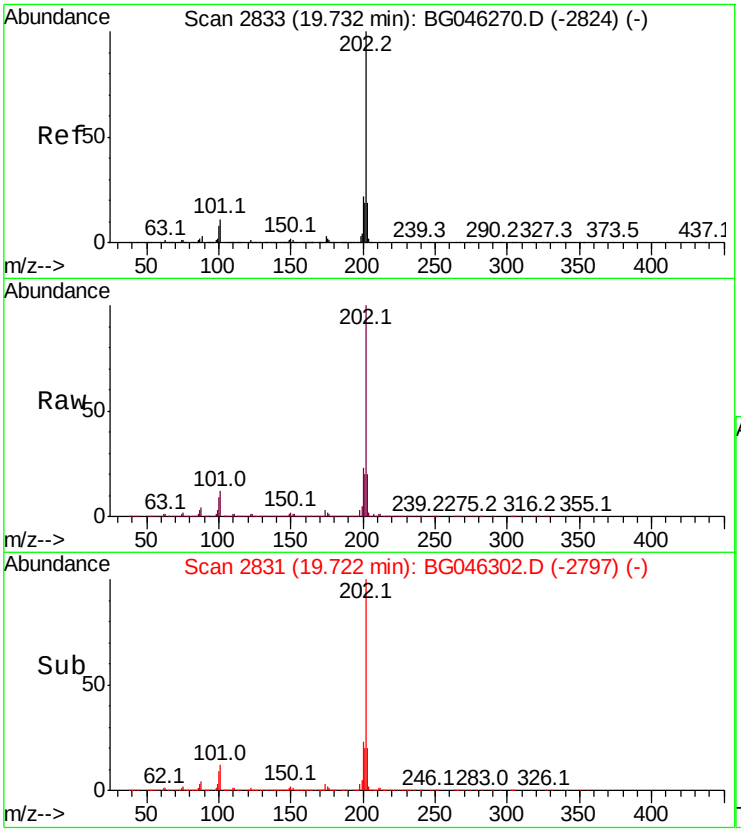


#17
Fluoranthene
Concen: 33.355 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:202 Resp: 1024278

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.8	11.6
100	7.0	5.9	8.9



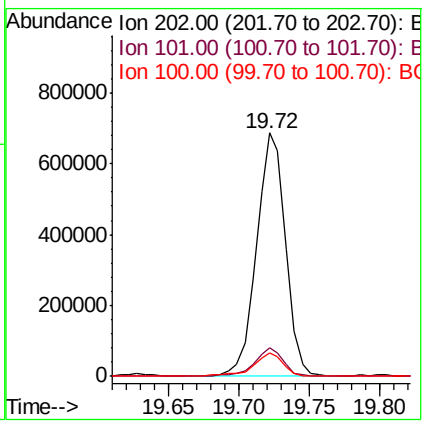


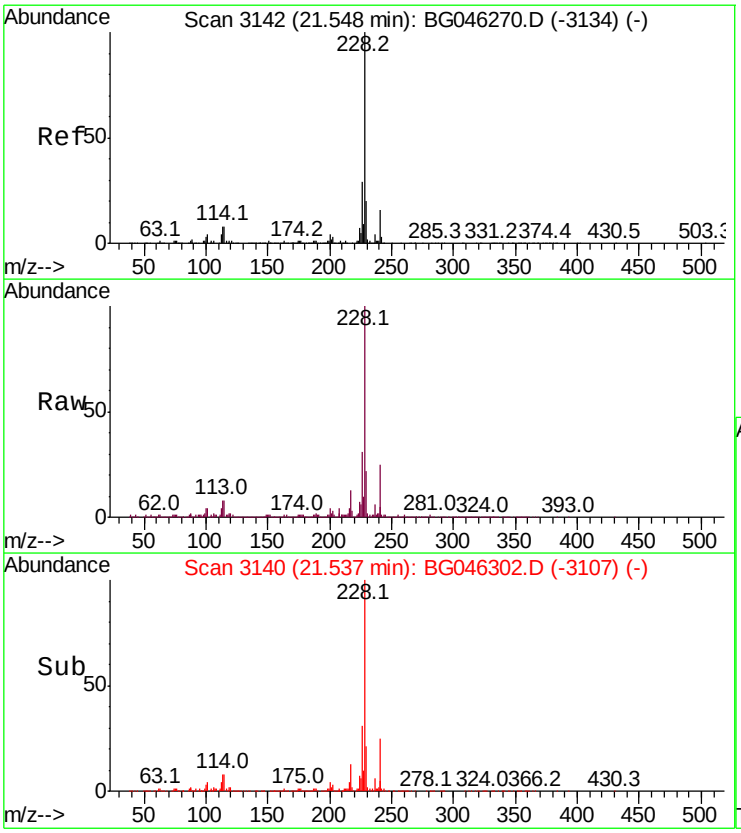
#20
Pyrene
Concen: 29.285 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:202 Resp: 985557

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
100	9.4	7.9	11.9

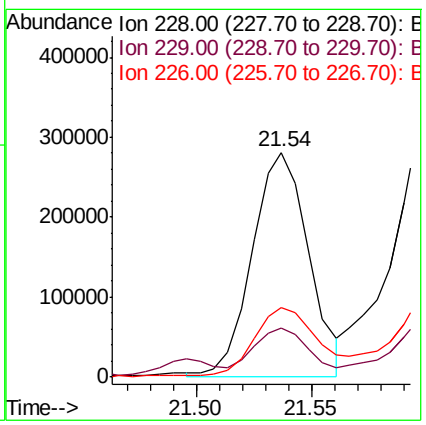


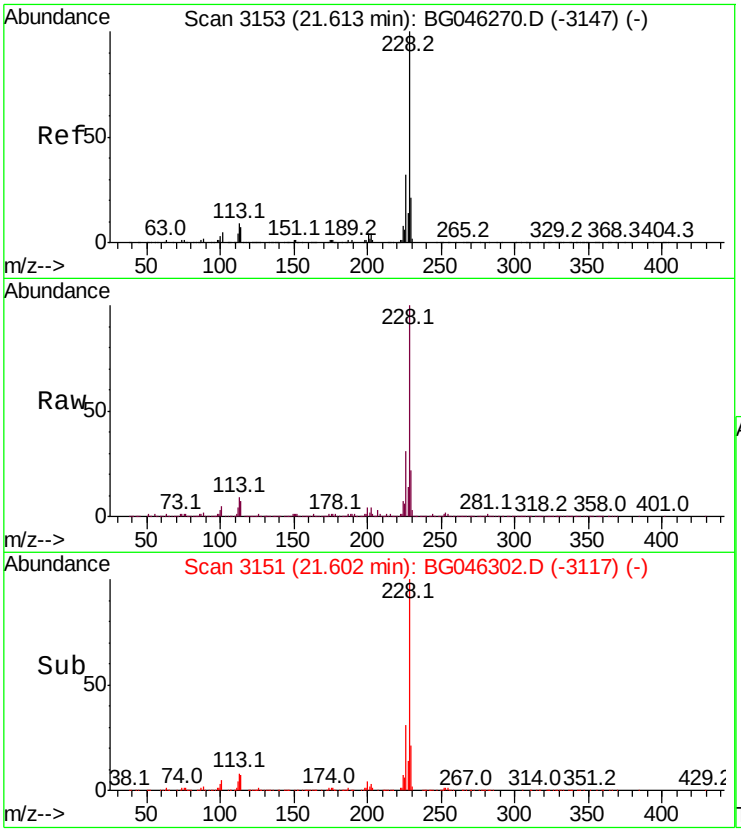


#21
Benzo(a)anthracene
Concen: 14.195 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:228 Resp: 473539

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.6	25.0
226	30.8	22.6	33.8



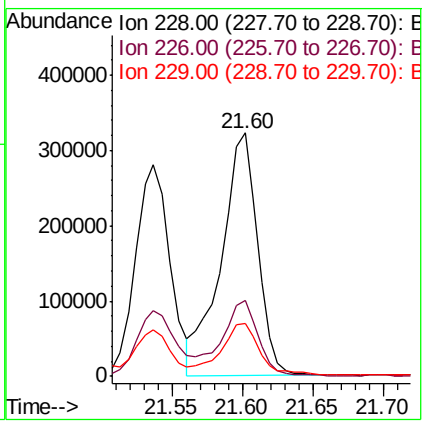


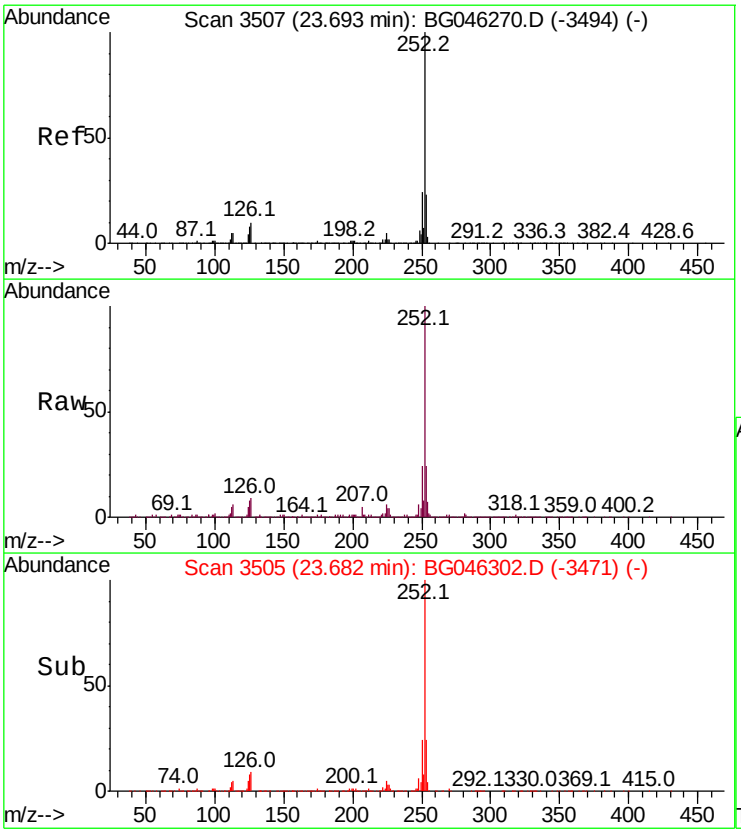
#22
Chrysene
Concen: 17.957 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:228 Resp: 579083

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	21.9	17.0	25.4

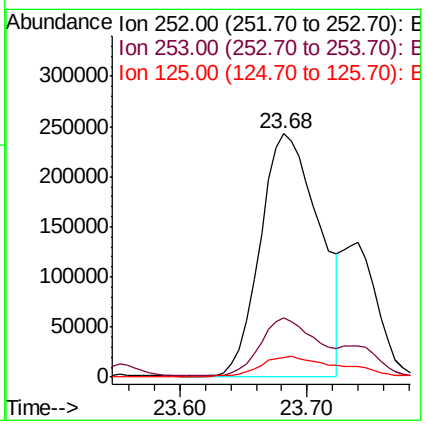


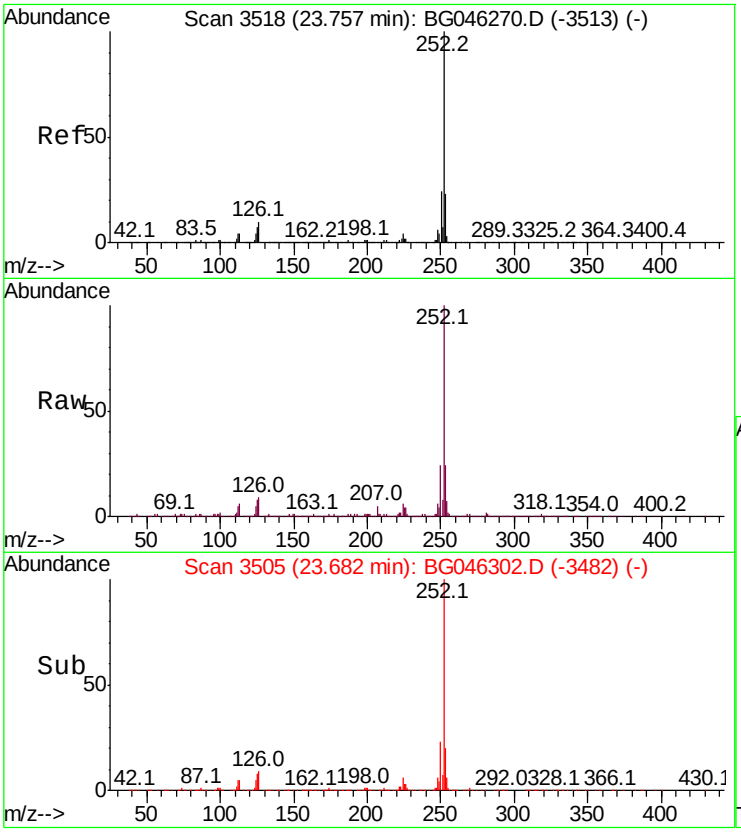


#24
Benzo(b)fluoranthene
Concen: 21.794 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:252 Resp: 783806

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.6
125	8.3	6.4	9.6



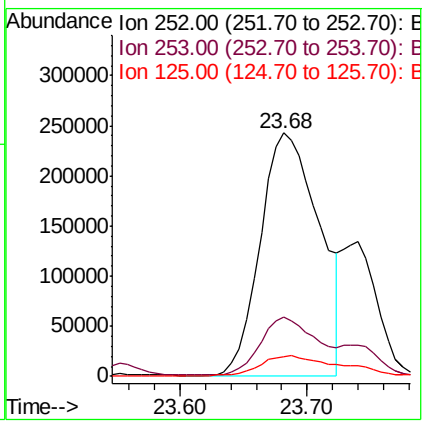


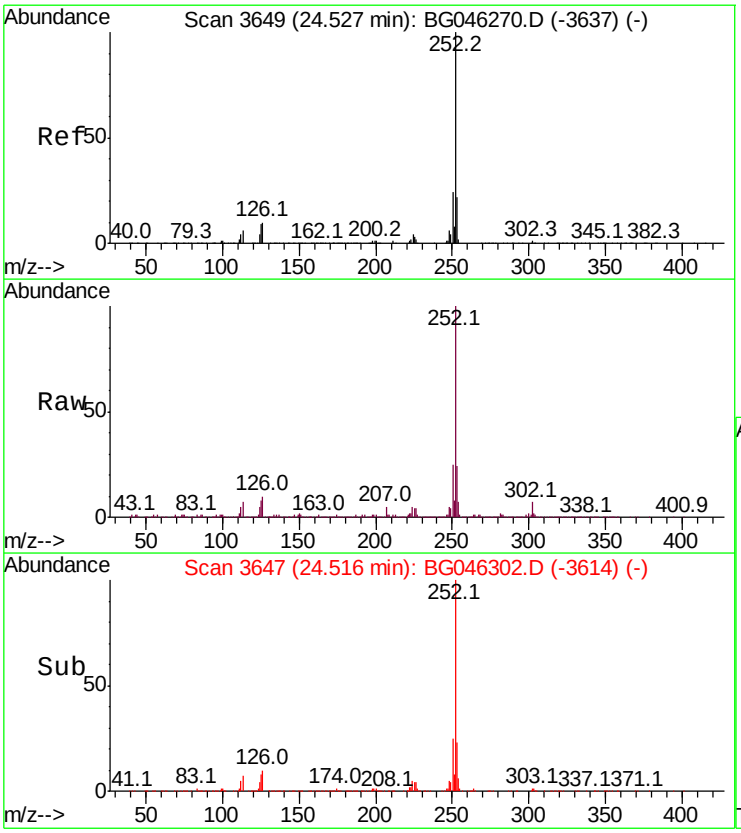
#25
Benzo(k)fluoranthene
Concen: 21.971 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.07 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:252 Resp: 783806

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	8.3	6.2	9.2

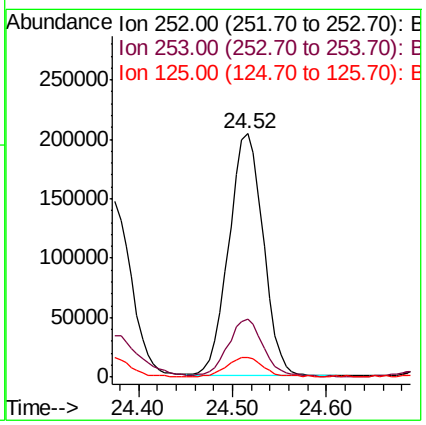


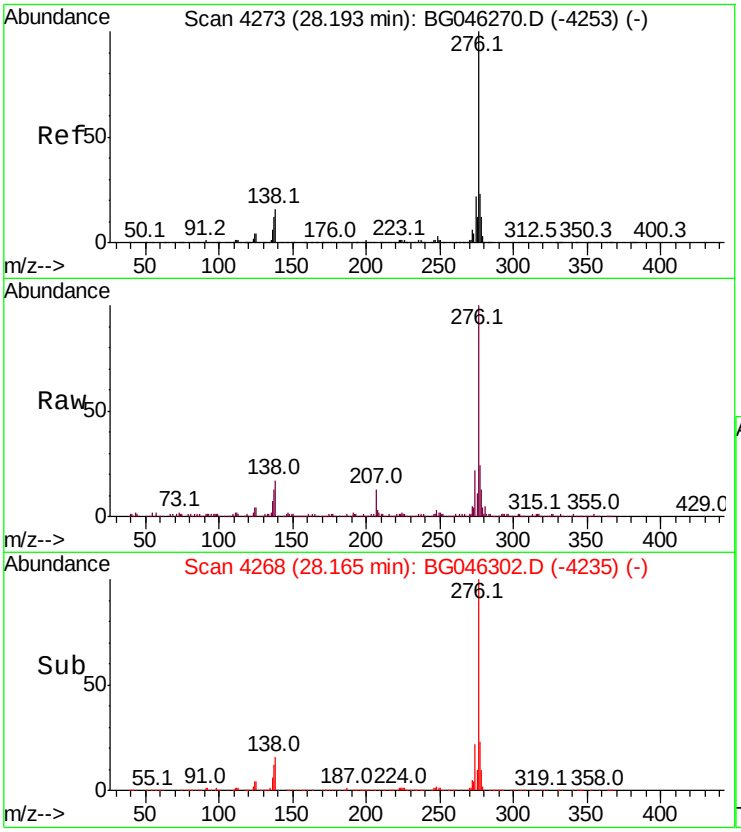


#27
Benzo(a)pyrene
Concen: 15.756 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:252 Resp: 520205

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	8.0	7.1	10.7



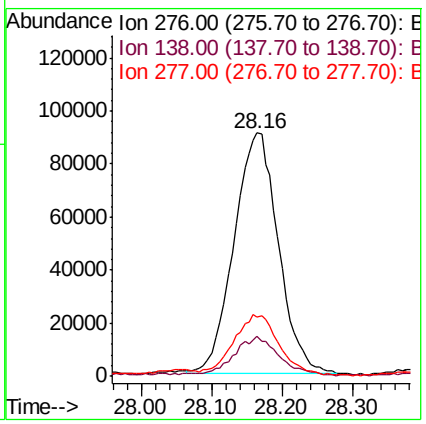


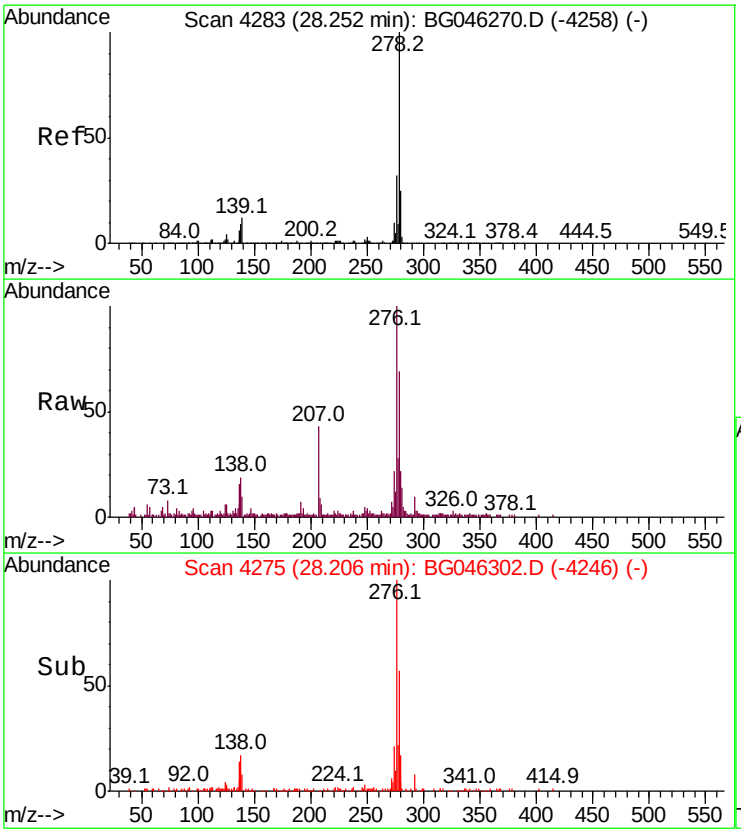
#28
Indeno(1,2,3-cd)pyrene
Concen: 9.570 ng/ul
RT: 28.16 min Scan# 4268
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:276 Resp: 395619

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.2	19.8
277	24.2	19.9	29.9

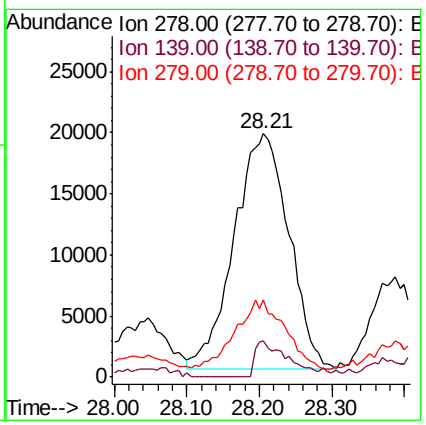


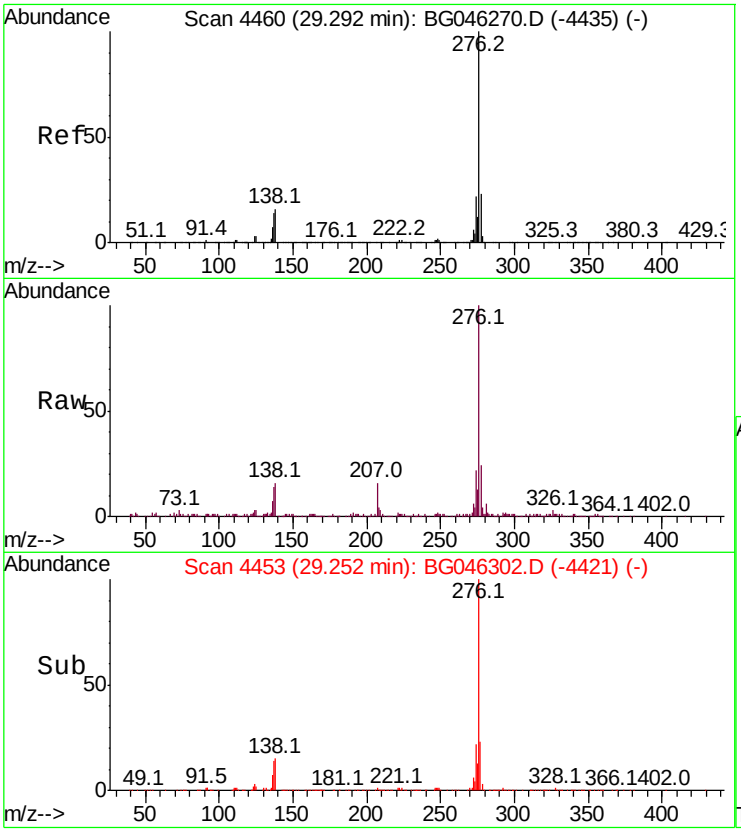


#29
Dibenzo(a,h)anthracene
Concen: 3.009 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. -0.03 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Tgt Ion:278 Resp: 100862

Ion	Ratio	Lower	Upper
278	100		
139	15.0	9.8	14.8#
279	31.5	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 9.888 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046302.D
Acq: 17 Aug 2020 17:52

Instrument :
BNA_G
ClientSampleId :
BFM90

Tgt Ion:276 Resp: 342107

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.9	19.3
277	23.8	19.4	29.0