Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM82

Quant Time: Aug 18 01:26:56 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	69178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	292239	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	205500	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	481299	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	463685	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	504352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	248093	49.30	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	939131	49.66	ng/ul	0.00
10) Fluorene-d10	15.56	176	697358	48.12	ng/ul	0.00
15) Anthracene-d10	17.41	188	1031159	46.22	ng/ul	0.00
19) Pyrene-d10	19.70	212	1154848	48.39	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	1327370	48.23	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.78	128	35381	2.328	ng/ul#	95
5) 2-Methylnaphthalene	12.39	142	15909	1.373	ng/ul	98
8) Acenaphthylene	14.29	152	45069	2.344	ng/ul	99
9) Acenaphthene	14.63	153	35167	2.561	ng/ul	96
11) Fluorene	15.61	166	45798	2.853	ng/ul	98
14) Phenanthrene	17.35	178	1032624	38.999	ng/ul	97
16) Anthracene	17.44	178	194984	7.298	ng/ul	99
17) Fluoranthene	19.36	202	1632849	55.305	ng/ul	97
20) Pyrene	19.73	202	1496709	49.175	ng/ul	98
21) Benzo(a)anthracene	21.54	228	1056119	35.007	ng/ul	96
22) Chrysene	21.60	228	1062635	36.436	ng/ul	96
24) Benzo(b)fluoranthene	23.69	252	1627394	48.795	ng/ul	95
25) Benzo(k)fluoranthene	23.69	252	1627394	49.189	ng/ul	96
27) Benzo(a)pyrene	24.53	252	1205897	39.383	ng/ul	96
28) Indeno(1,2,3-cd)pyrene	28.19	276	920612	24.012	ng/ul	98
29) Dibenzo(a,h)anthracene	28.23	278	279305	8.985	ng/ul#	89
30) Benzo(g,h,i)perylene	29.29	276	733263	22.853	ng/ul	98

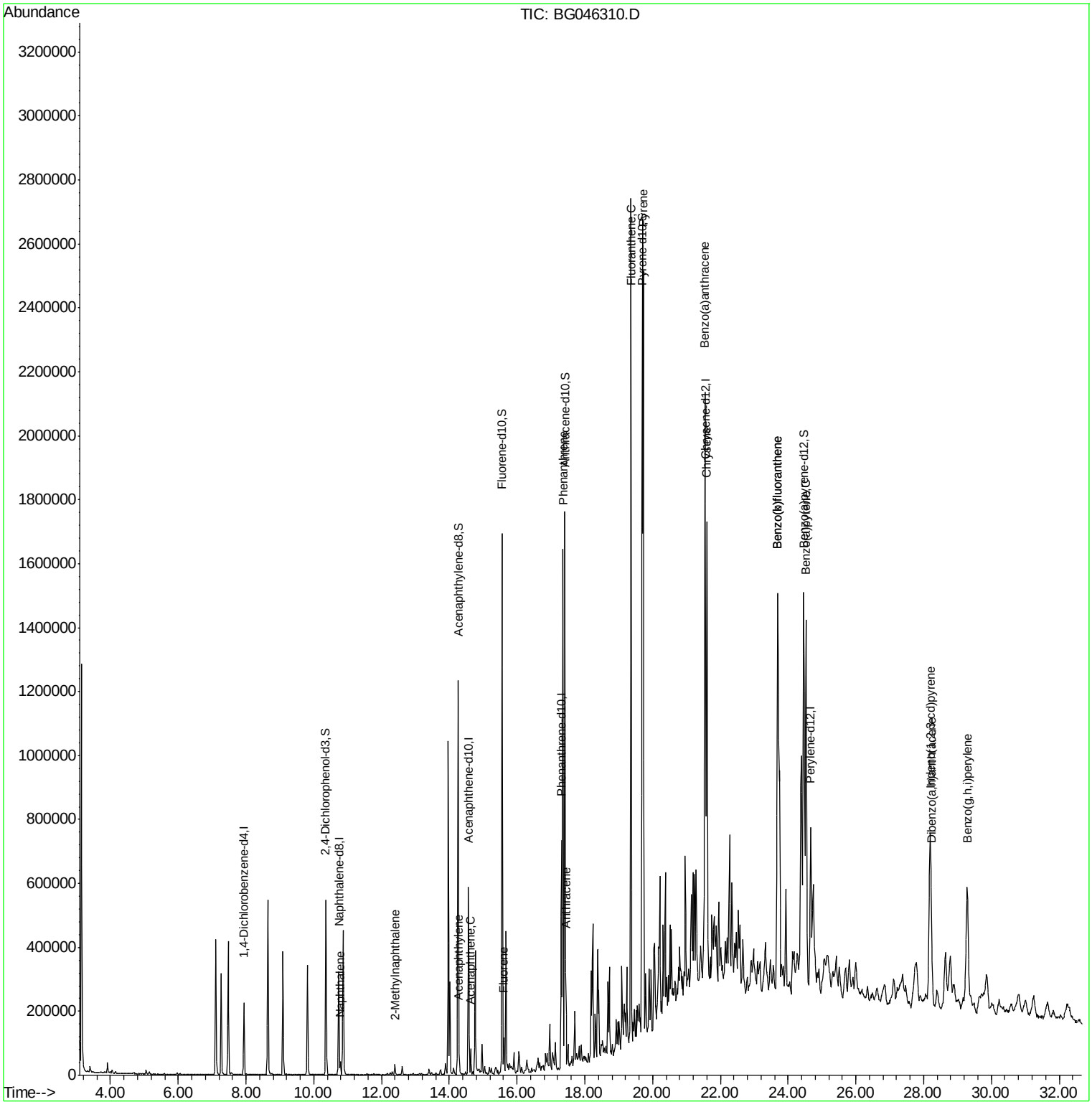
(#) = qualifier out of range (m) = manual integration (+) = signals summed

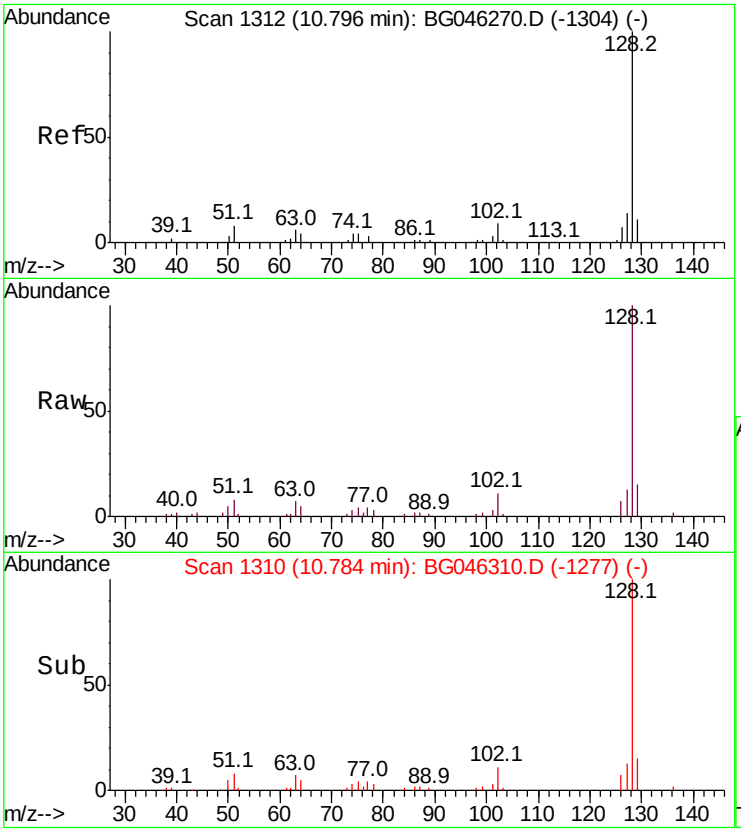
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046310.D
Acq On : 18 Aug 2020 00:37
Operator : CG/JU
Sample : L3632-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFM82

Quant Time: Aug 18 01:26:56 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



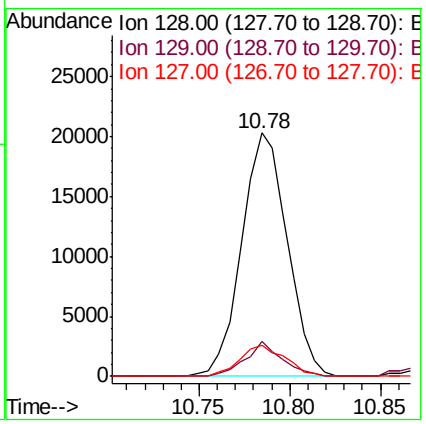


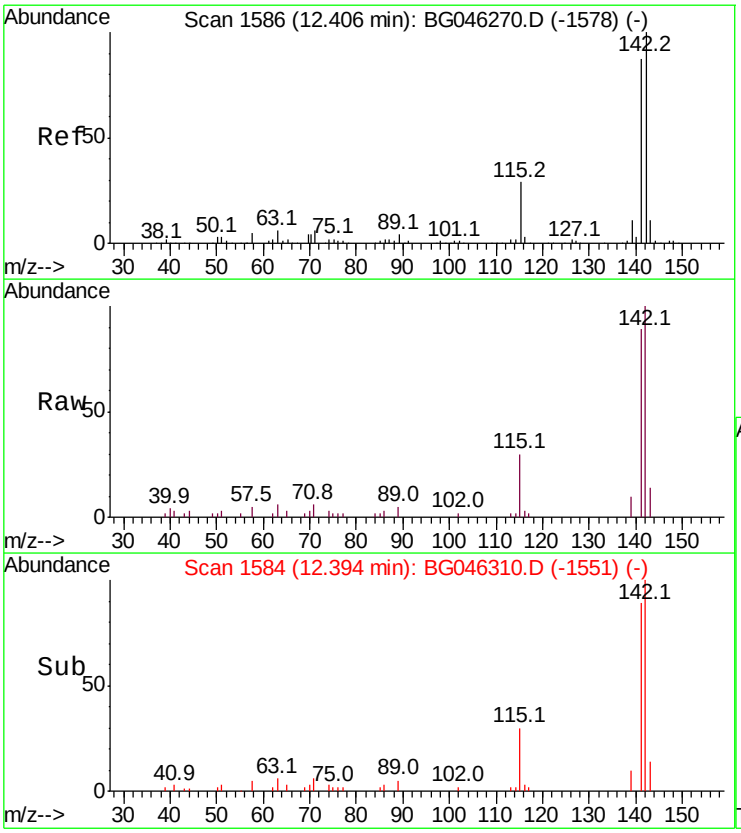
#4
Naphthalene
Concen: 2.328 ng/ul
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:128 Resp: 35381

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.0	13.6#
127	12.6	10.9	16.3

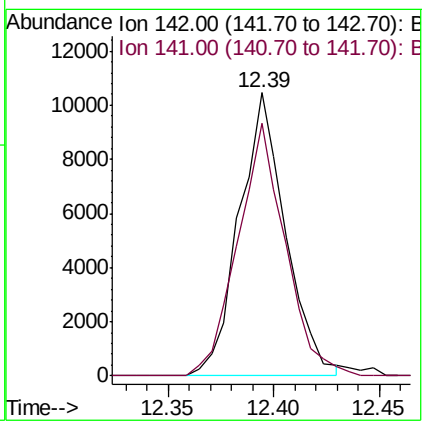


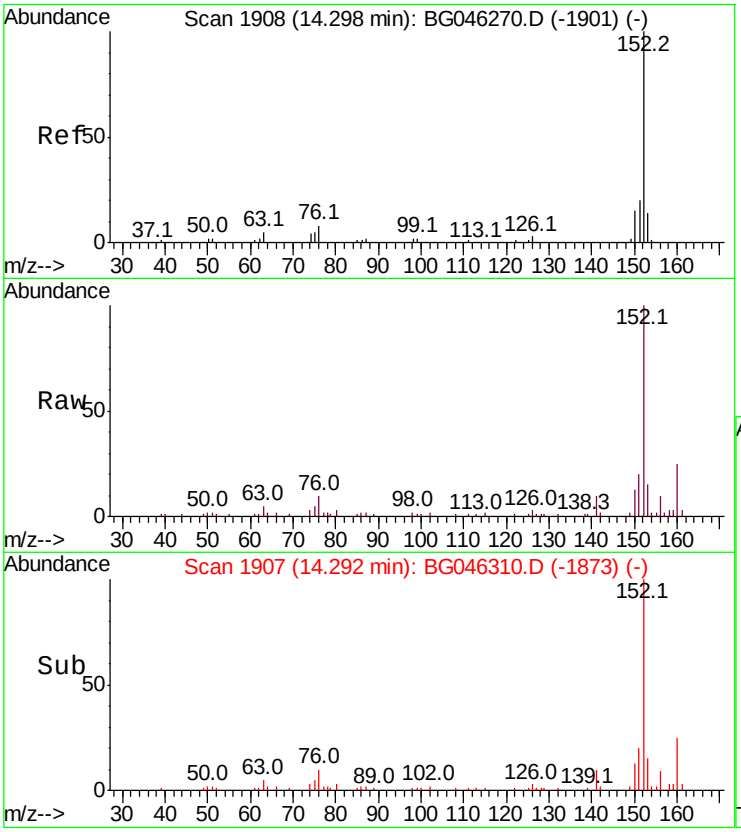


#5
2-Methylnaphthalene
Concen: 1.373 ng/ul
RT: 12.39 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:142 Resp: 15909

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.5	108.7



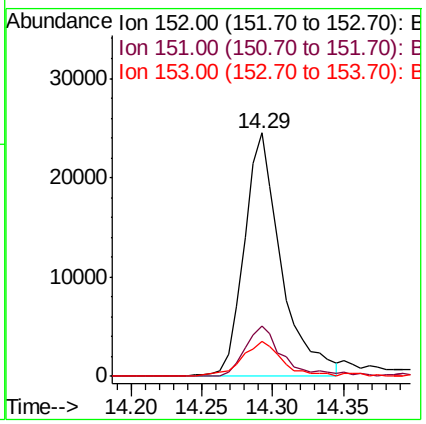


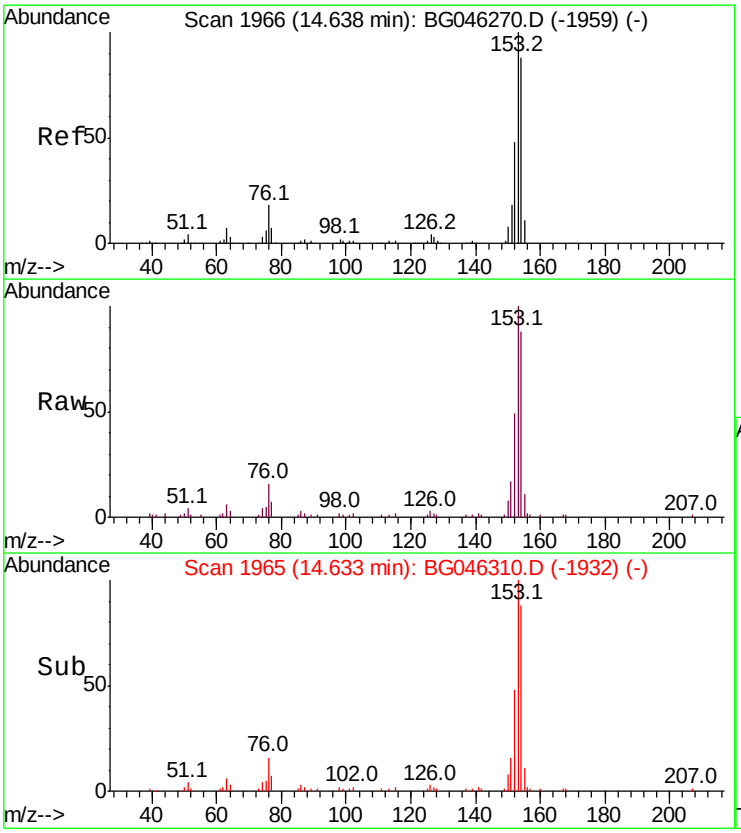
#8
Acenaphthylene
Concen: 2.344 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:152 Resp: 45069

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7
153	14.6	11.0	16.6

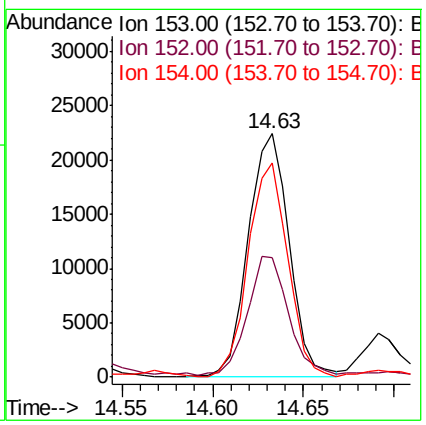


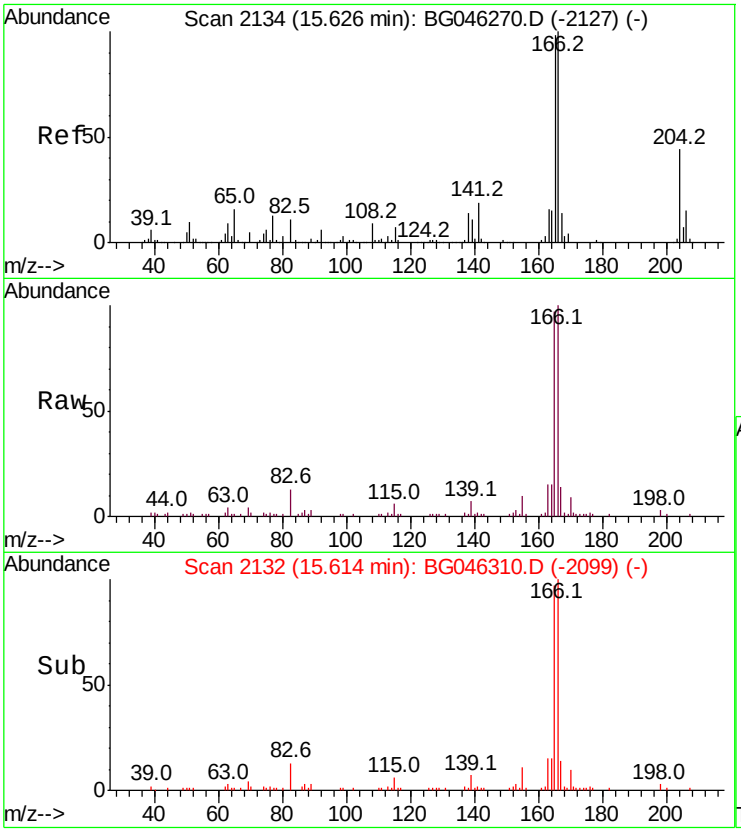


#9
Acenaphthene
Concen: 2.561 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:153 Resp: 35167

Ion	Ratio	Lower	Upper
153	100		
152	49.0	37.2	55.8
154	87.9	67.8	101.6



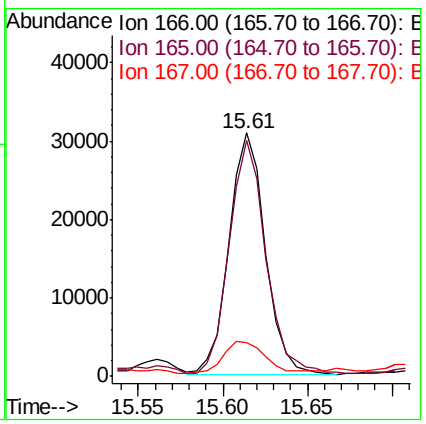


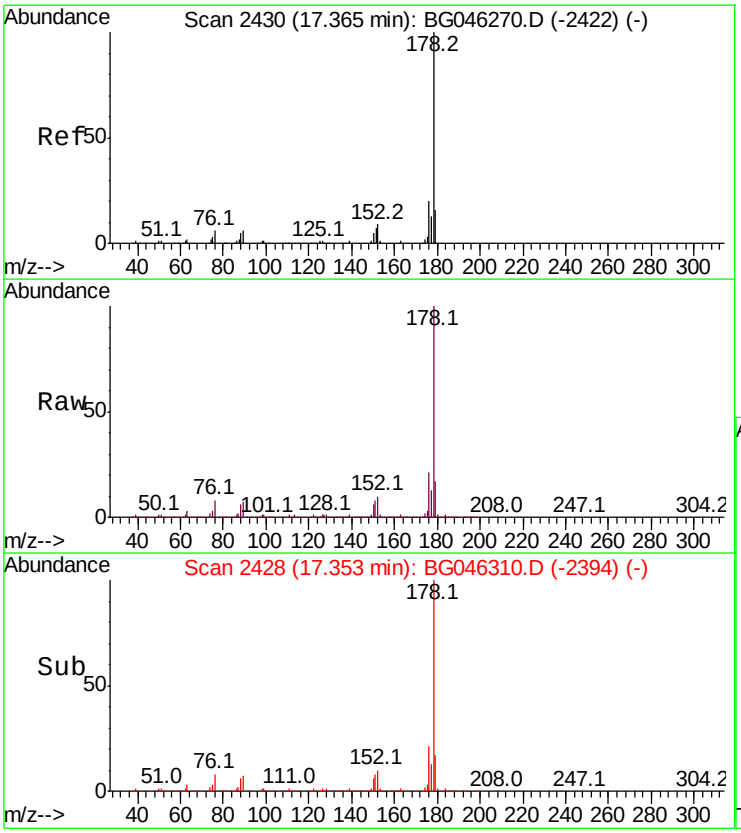
#11
Fluorene
Concen: 2.853 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:166 Resp: 45798

Ion	Ratio	Lower	Upper
166	100		
165	97.1	75.9	113.9
167	13.9	10.7	16.1

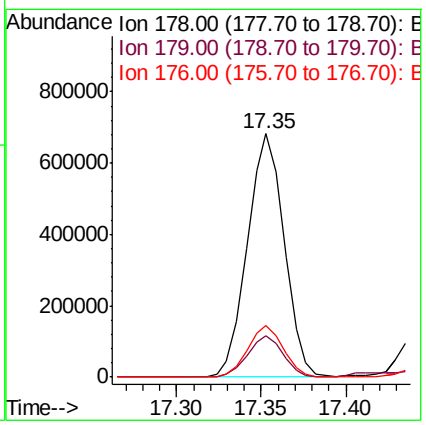


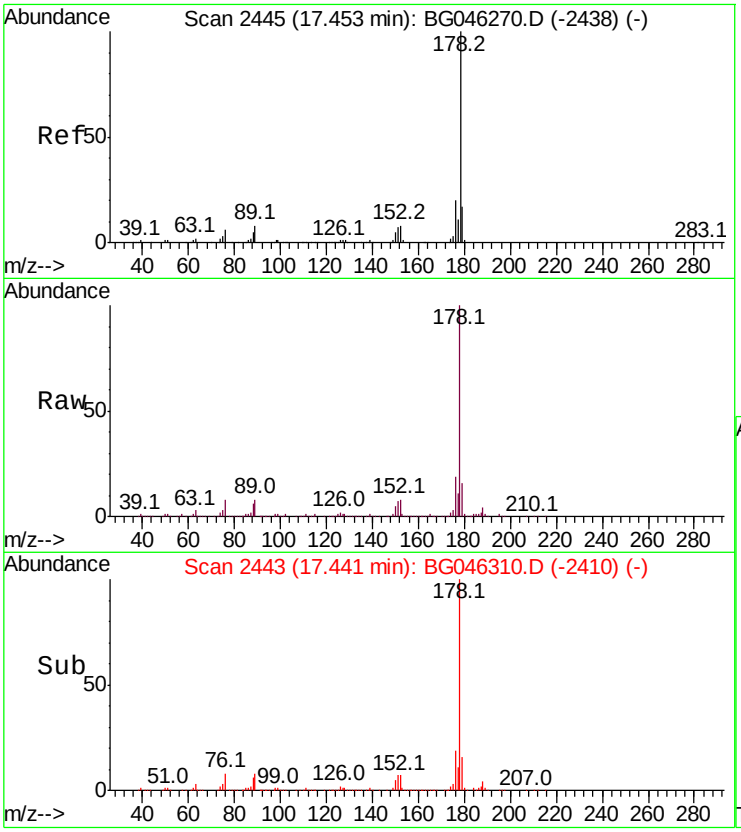


#14
Phenanthrene
Concen: 38.999 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:178 Resp: 1032624

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.8	19.2
176	21.0	15.8	23.8



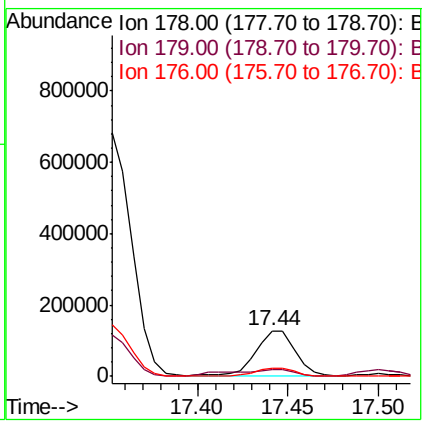


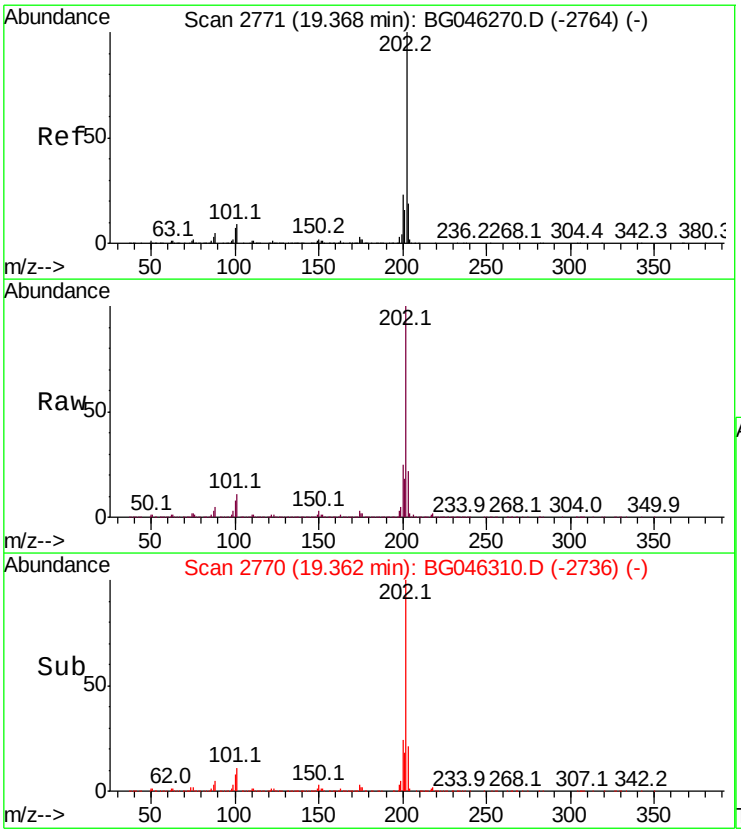
#16
Anthracene
Concen: 7.298 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:178 Resp: 194984

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.2	19.8
176	18.8	15.2	22.8

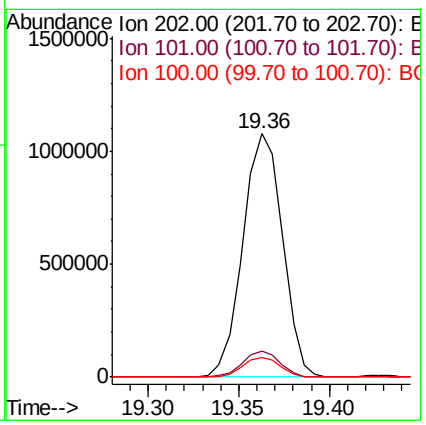


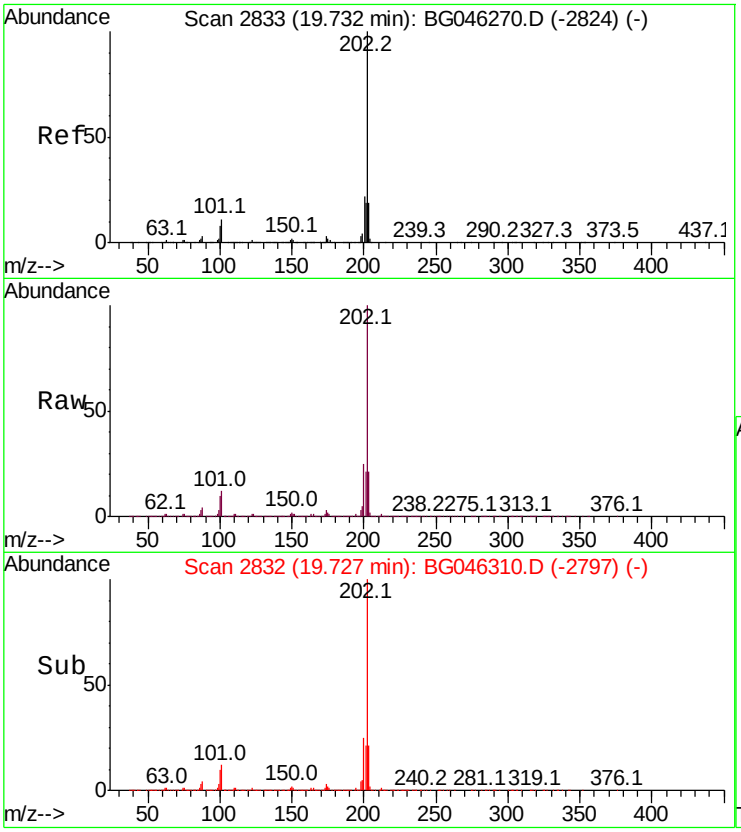


#17
Fluoranthene
Concen: 55.305 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:202 Resp: 1632849

Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.8	11.6
100	8.3	5.9	8.9



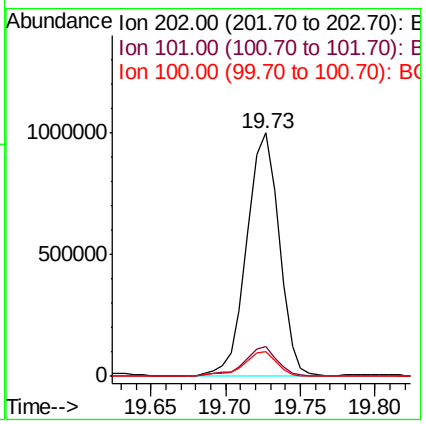


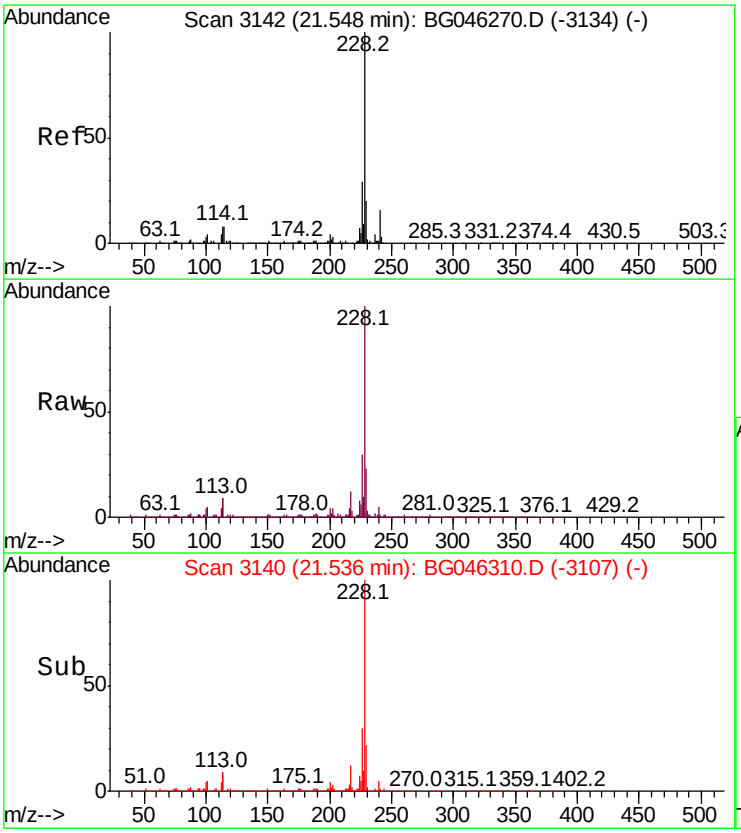
#20
Pyrene
Concen: 49.175 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:202 Resp: 1496709

Ion	Ratio	Lower	Upper
202	100		
101	12.2	8.9	13.3
100	9.9	7.9	11.9

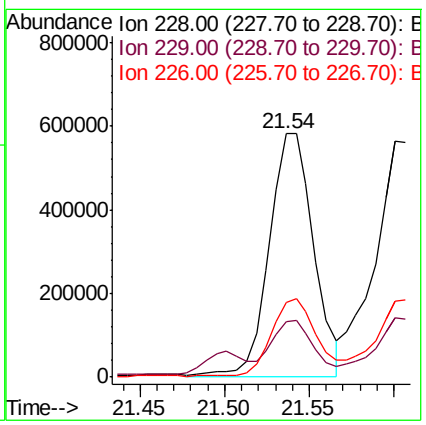


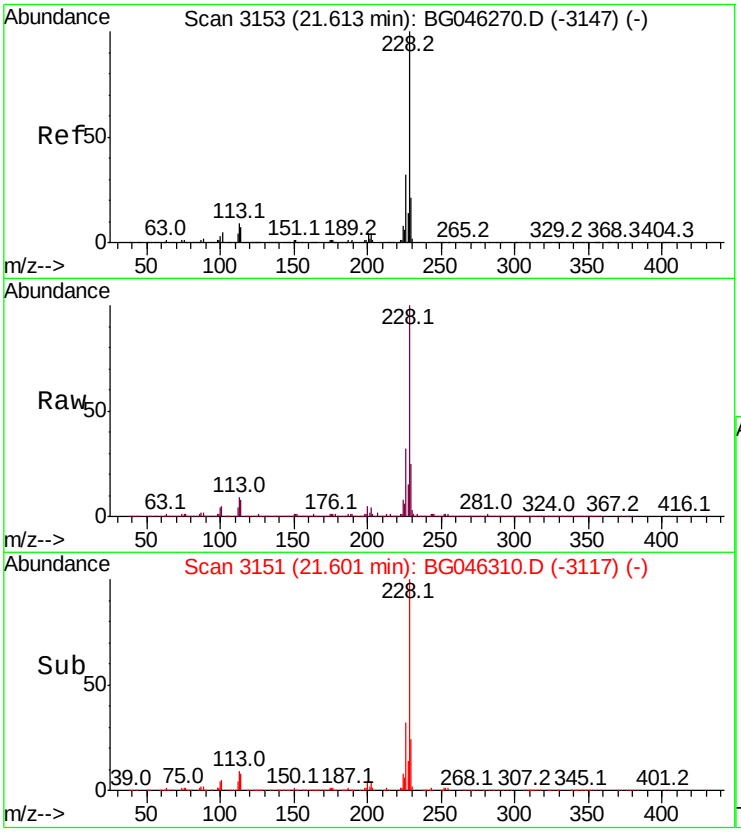


#21
Benzo(a)anthracene
Concen: 35.007 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:228 Resp: 1056119

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.6	25.0
226	30.4	22.6	33.8



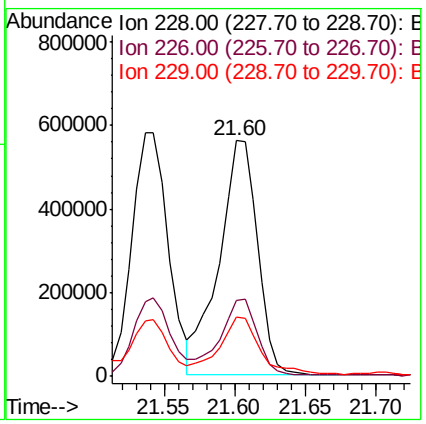


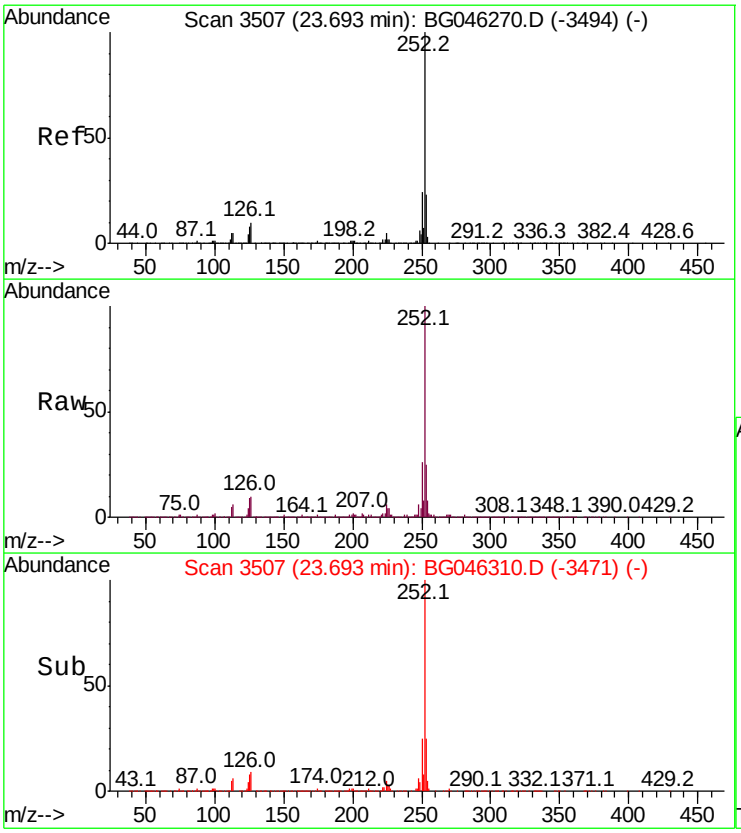
#22
Chrysene
Concen: 36.436 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:228 Resp: 1062635

Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.5	38.3
229	25.1	17.0	25.4

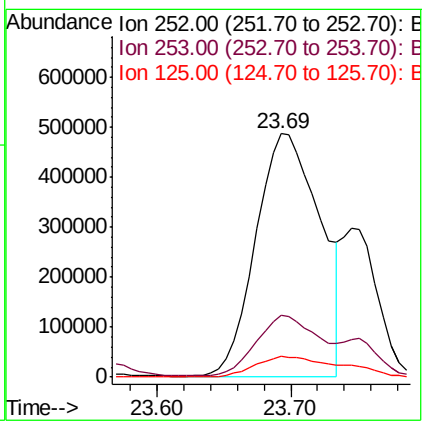


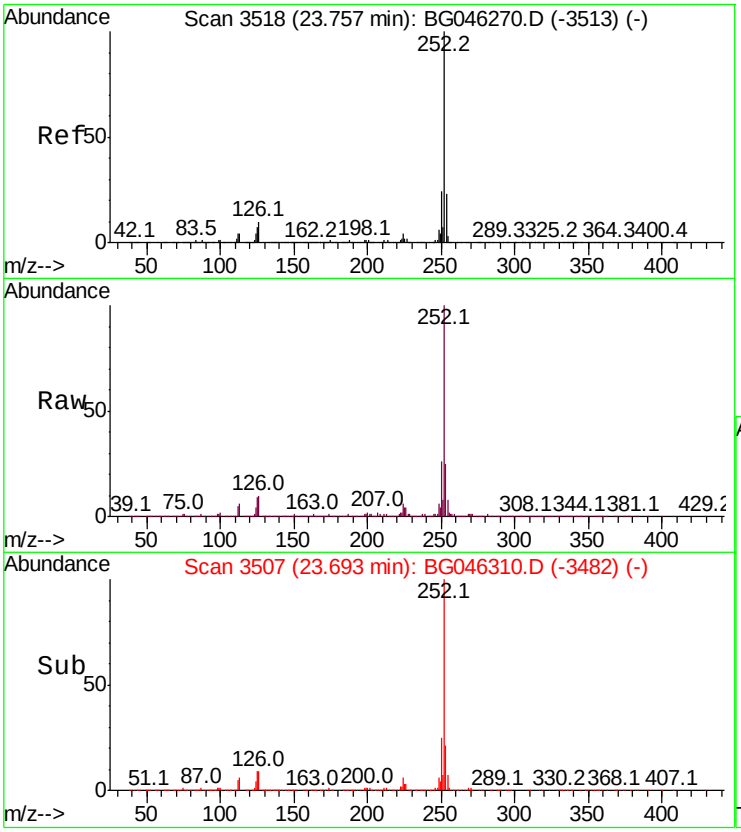


#24
Benzo(b)fluoranthene
Concen: 48.795 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:252 Resp: 1627394

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	8.7	6.4	9.6



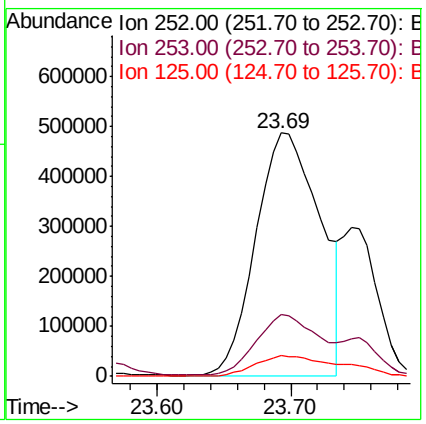


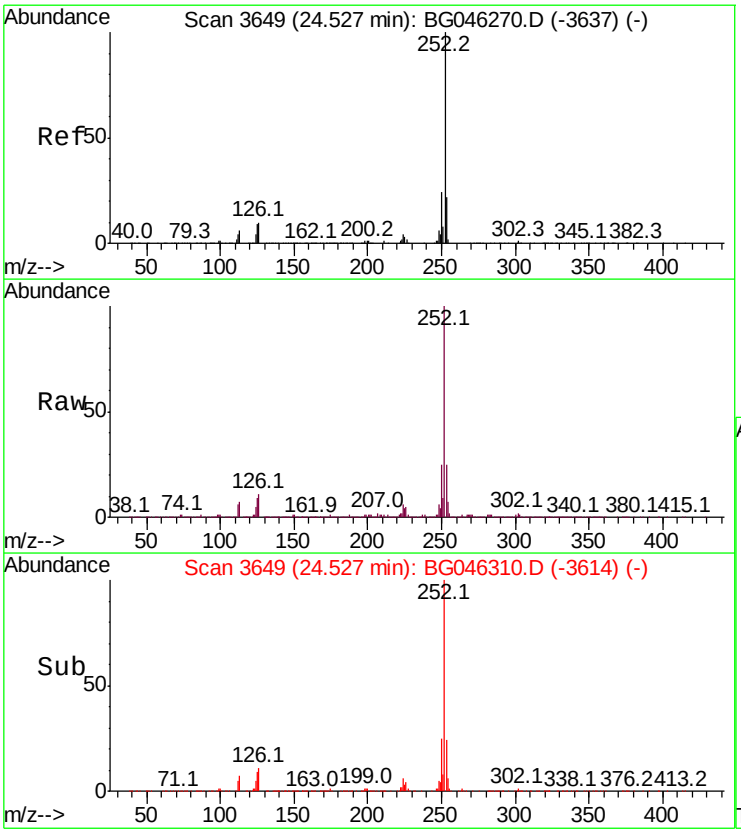
#25
Benzo(k)fluoranthene
Concen: 49.189 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.06 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:252 Resp: 1627394

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	8.7	6.2	9.2

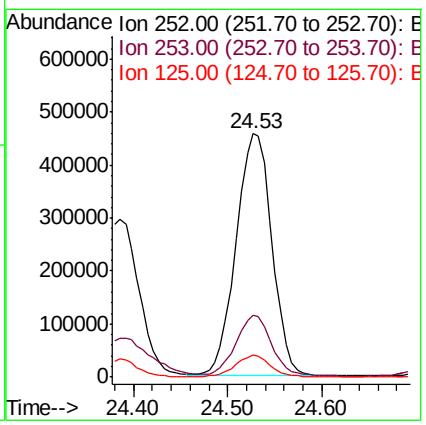


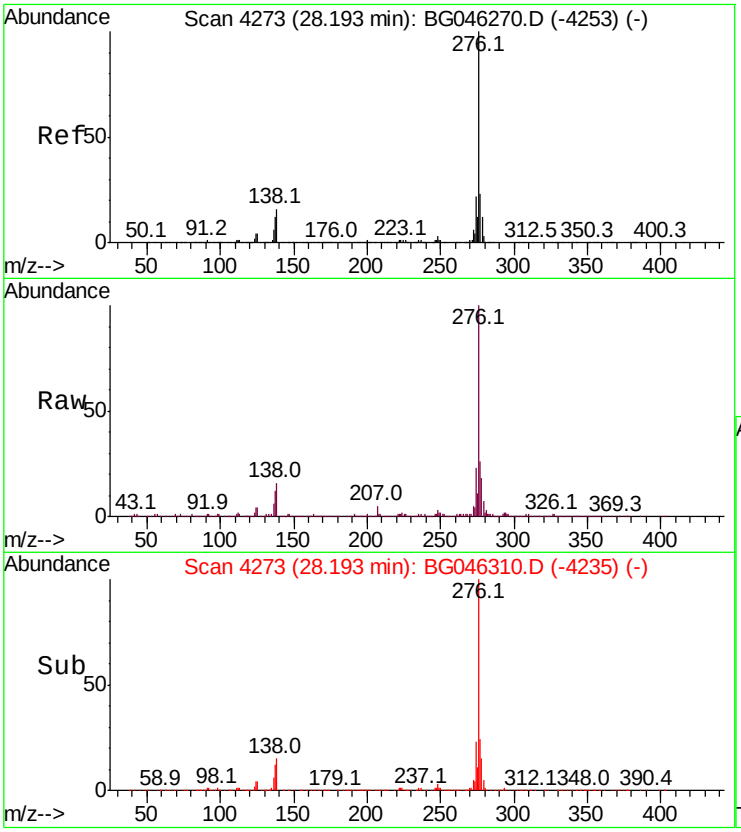


#27
Benzo(a)pyrene
Concen: 39.383 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. 0.00 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:252 Resp: 1205897

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.8
125	8.9	7.1	10.7



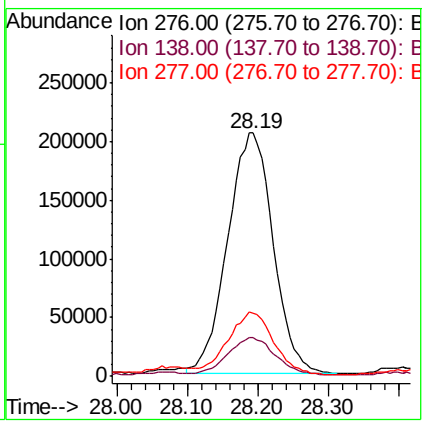


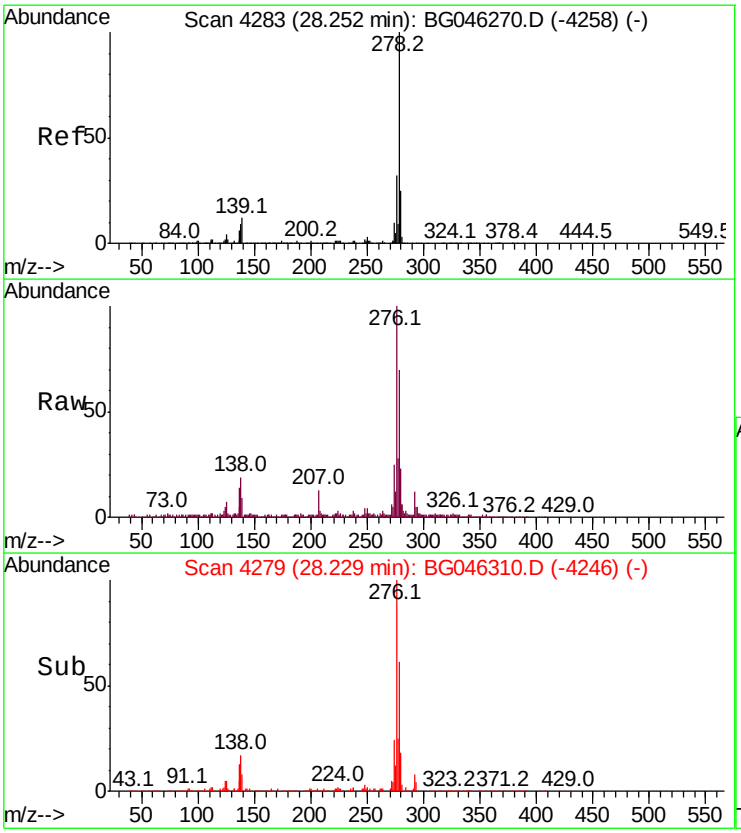
#28
Indeno(1,2,3-cd)pyrene
Concen: 24.012 ng/ul
RT: 28.19 min Scan# 4273
Delta R.T. 0.02 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:276 Resp: 920612

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.2	19.8
277	25.9	19.9	29.9

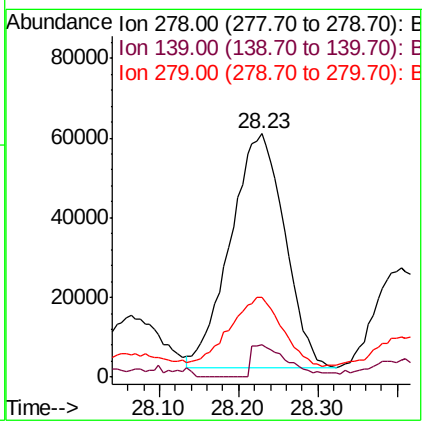


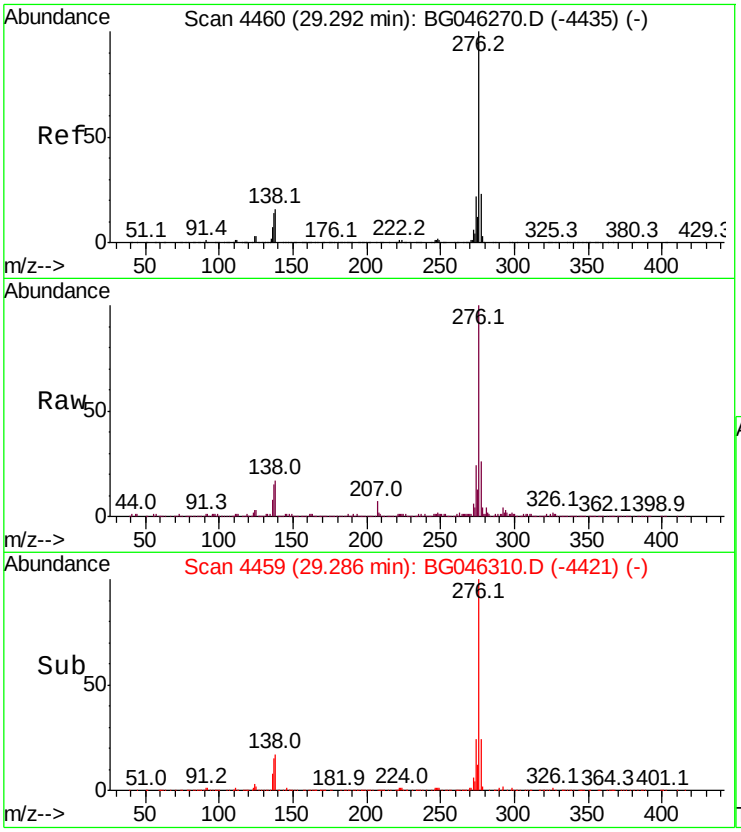


#29
Dibenzo(a,h)anthracene
Concen: 8.985 ng/ul
RT: 28.23 min Scan# 4279
Delta R.T. -0.01 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Tgt Ion:278 Resp: 279305

Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.8	14.8
279	32.6	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 22.853 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. 0.02 min
Lab File: BG046310.D
Acq: 18 Aug 2020 00:37

Instrument :
BNA_G
ClientSampleId :
BFM82

Tgt Ion:276 Resp: 733263

Ion	Ratio	Lower	Upper
276	100		
138	17.0	12.9	19.3
277	25.5	19.4	29.0