Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

Quant Time: Aug 18 01:25:33 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	65564	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	269500	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	198140	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	505515	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	515568	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	553114	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	144915	31.23	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	598990	32.85	ng/ul	0.00
10) Fluorene-d10	15.56	176	464961	33.28	ng/ul	0.00
15) Anthracene-d10	17.41	188	747121	31.88	ng/ul	0.00
19) Pyrene-d10	19.69	212	882265	33.25	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	990726	32.82	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.29	152	28710	1.549	ng/ul	98
9) Acenaphthene	14.63	153	13452	1.016	ng/ul	99
11) Fluorene	15.61	166	18190	1.175	ng/ul	97
14) Phenanthrene	17.35	178	435646	15.665	ng/ul	100
16) Anthracene	17.44	178	84056	2.996	ng/ul	99
17) Fluoranthene	19.36	202	934651	30.140	ng/ul	99
20) Pyrene	19.72	202	861500	25.456	ng/ul	98
21) Benzo(a)anthracene	21.54	228	539975	16.097	ng/ul	97
22) Chrysene	21.60	228	535558	16.516	ng/ul	96
24) Benzo(b)fluoranthene	23.68	252	751225	20.538	ng/ul	97
25) Benzo(k)fluoranthene	23.73	252	235250	6.484	ng/ul	99
27) Benzo(a)pyrene	24.51	252	519525	15.471	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.15	276	374747	8.913	ng/ul	99
29) Dibenzo(a,h)anthracene	28.20	278	100733	2.955	ng/ul	96
30) Benzo(g,h,i)perylene	29.25	276	299529	8.512	ng/ul	99

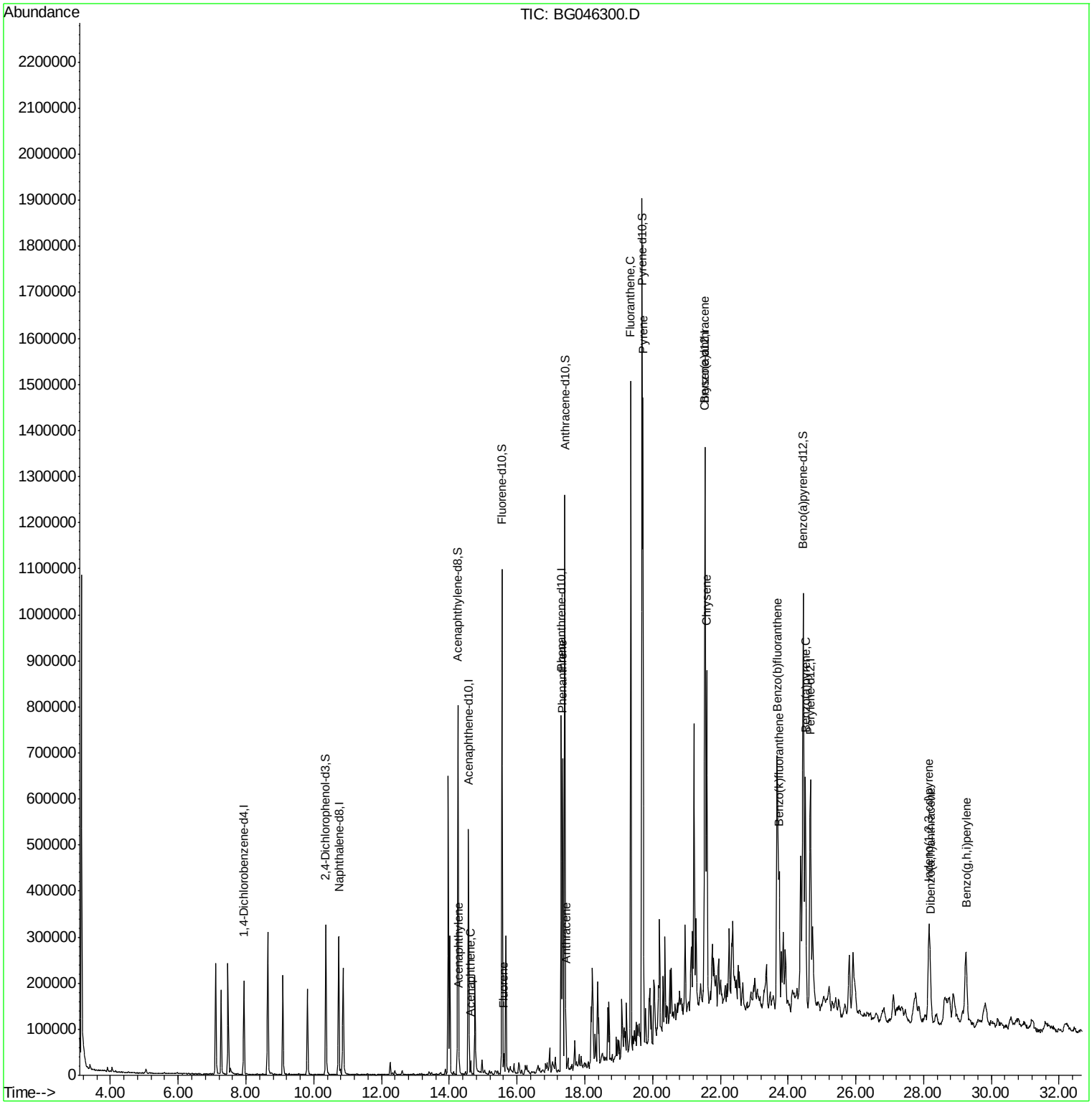
(#) = qualifier out of range (m) = manual integration (+) = signals summed

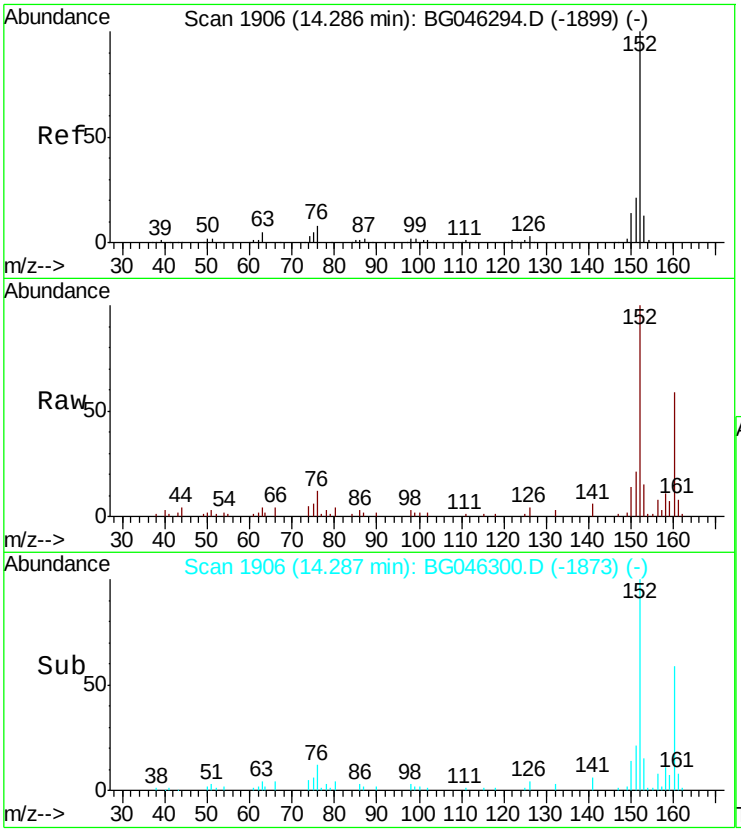
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046300.D
Acq On : 17 Aug 2020 16:31
Operator : CG/JU
Sample : L3632-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFM84

Quant Time: Aug 18 01:25:33 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



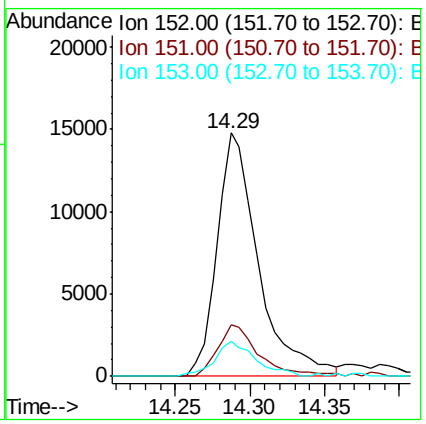


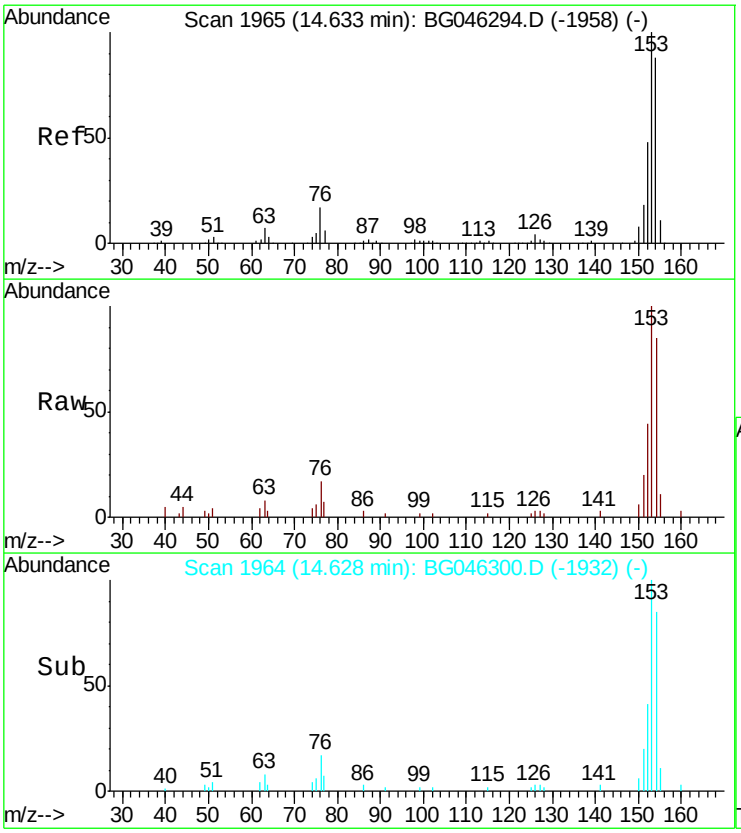
#8
Acenaphthylene
Concen: 1.549 ng/ul
RT: 14.29 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:152 Resp: 28710

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.5	24.7
153	14.6	11.0	16.6

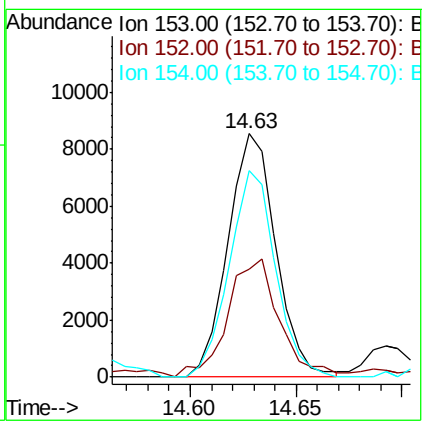


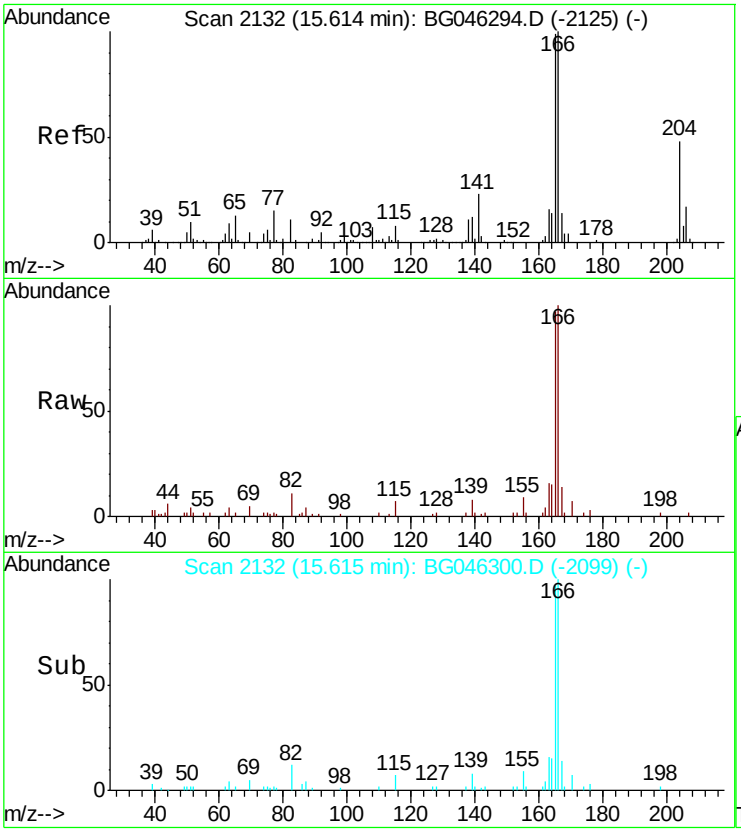


#9
Acenaphthene
Concen: 1.016 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:153 Resp: 13452

Ion	Ratio	Lower	Upper
153	100		
152	44.3	37.2	55.8
154	85.0	67.8	101.6



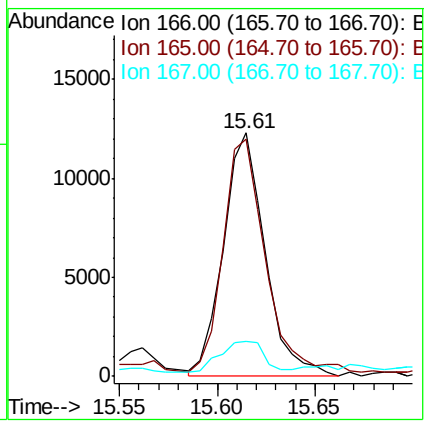


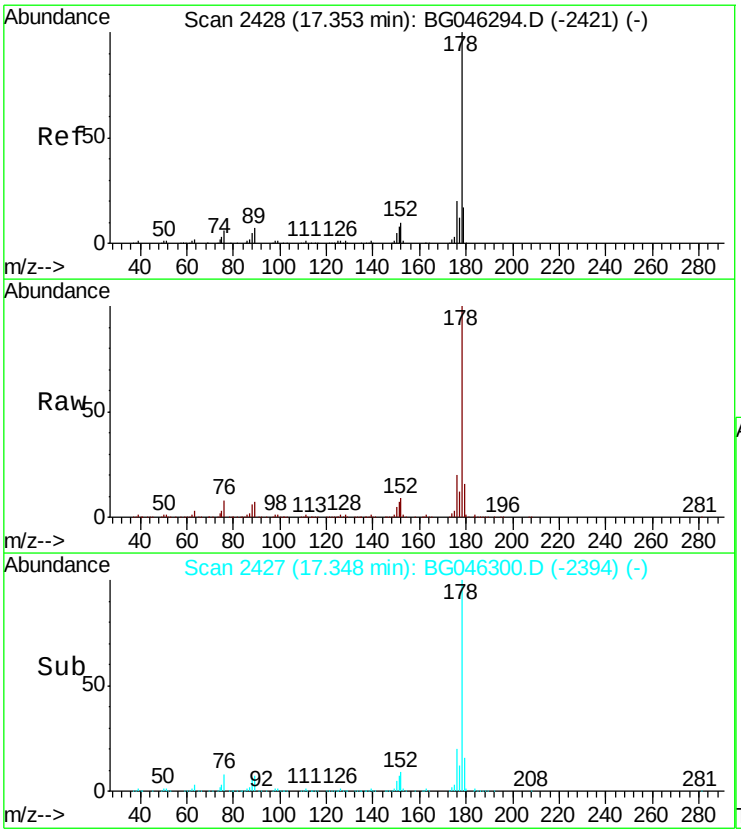
#11
Fluorene
Concen: 1.175 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:166 Resp: 18190

Ion	Ratio	Lower	Upper
166	100		
165	97.4	75.9	113.9
167	14.3	10.7	16.1

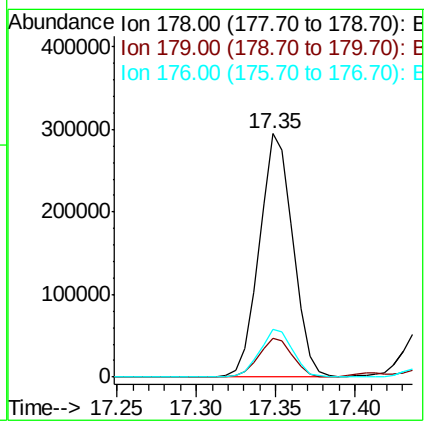


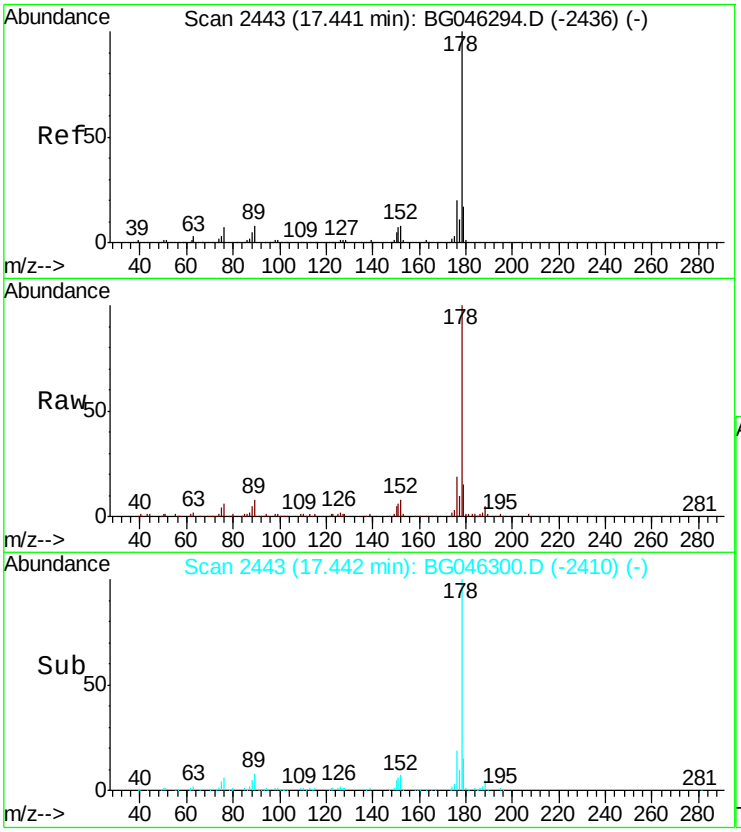


#14
Phenanthrene
Concen: 15.665 ng/ul
RT: 17.35 min Scan# 2427
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:178 Resp: 435646

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.7	15.8	23.8



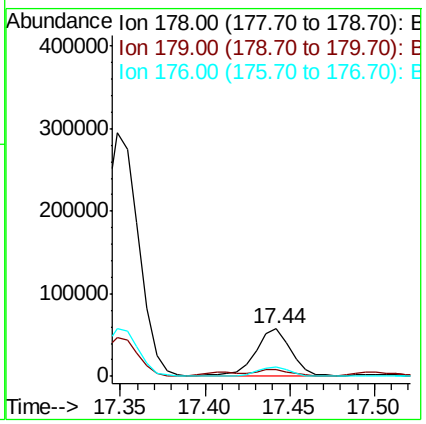


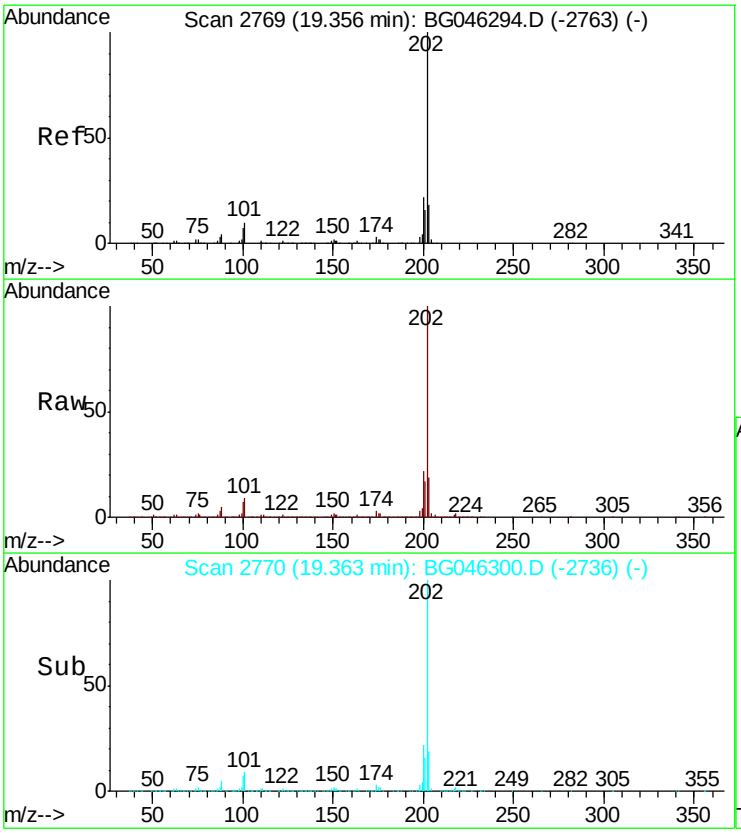
#16
Anthracene
Concen: 2.996 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:178 Resp: 84056

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.2	19.8
176	18.9	15.2	22.8

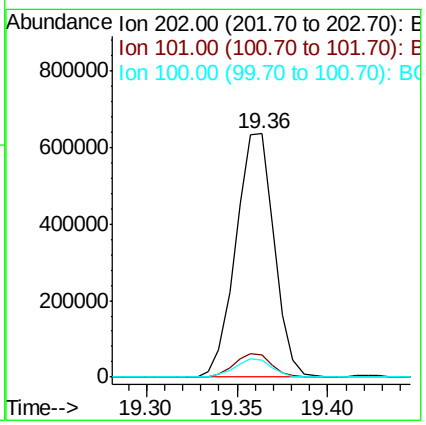


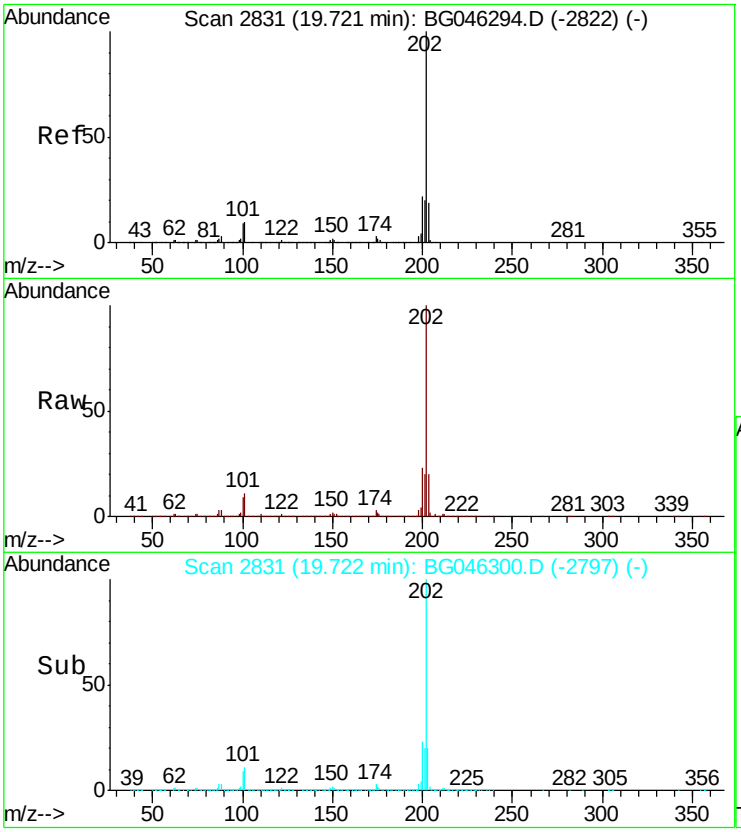


#17
Fluoranthene
Concen: 30.140 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:202 Resp: 934651

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.8	11.6
100	6.9	5.9	8.9



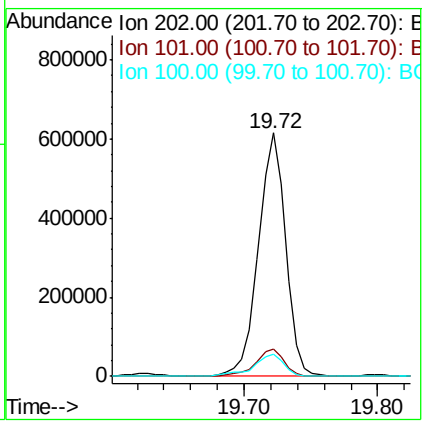


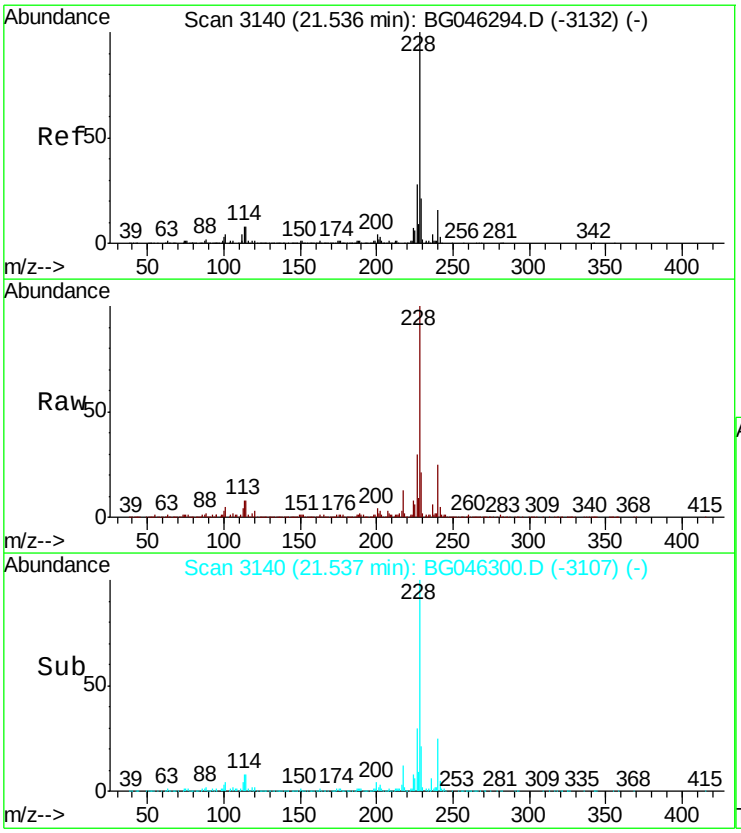
#20
Pyrene
Concen: 25.456 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:202 Resp: 861500

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	9.0	7.9	11.9

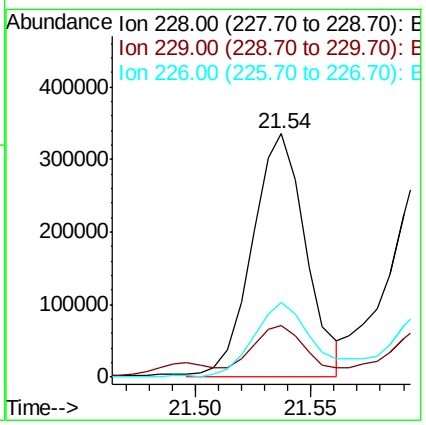


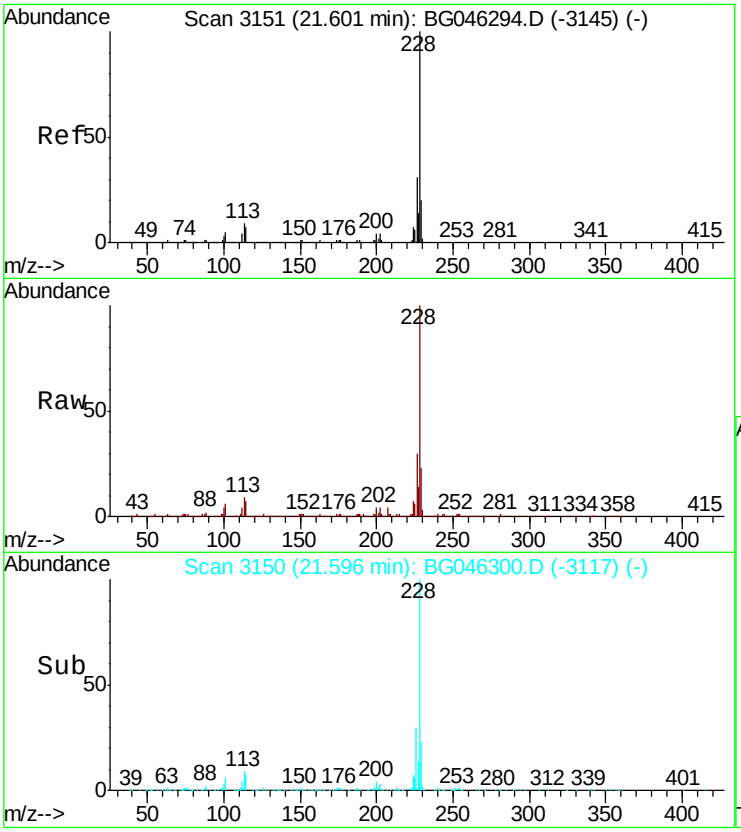


#21
Benzo(a)anthracene
Concen: 16.097 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:228 Resp: 539975

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	30.5	22.6	33.8



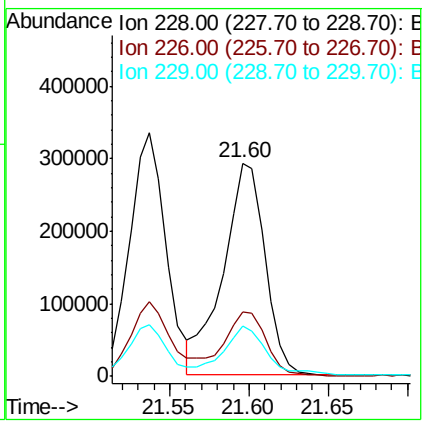


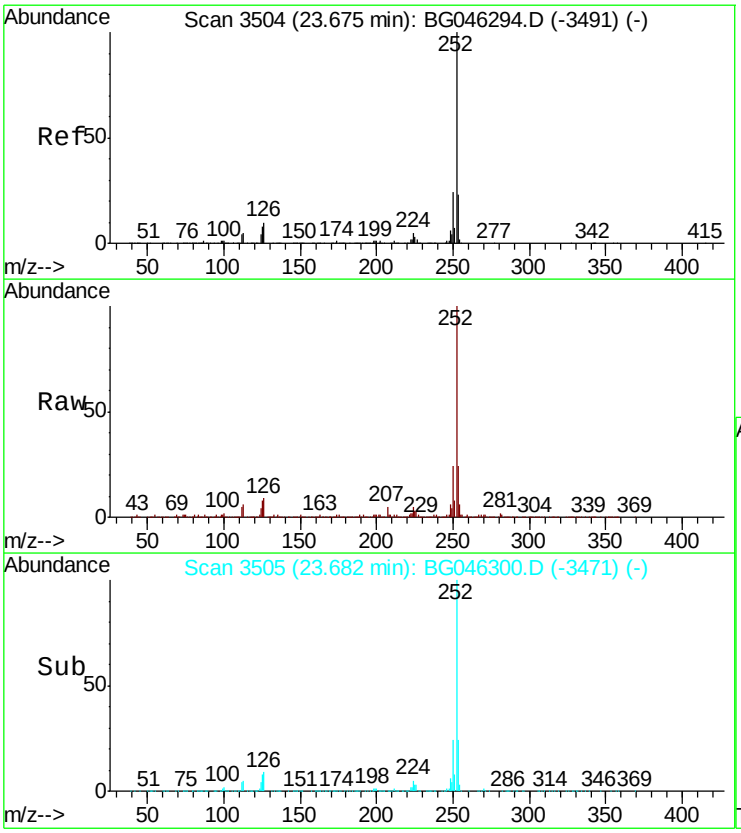
#22
Chrysene
Concen: 16.516 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:228 Resp: 535558

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.5	38.3
229	23.5	17.0	25.4

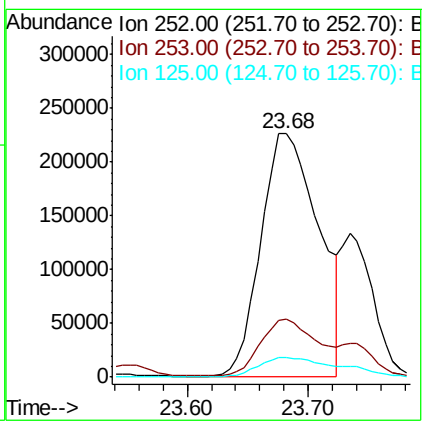


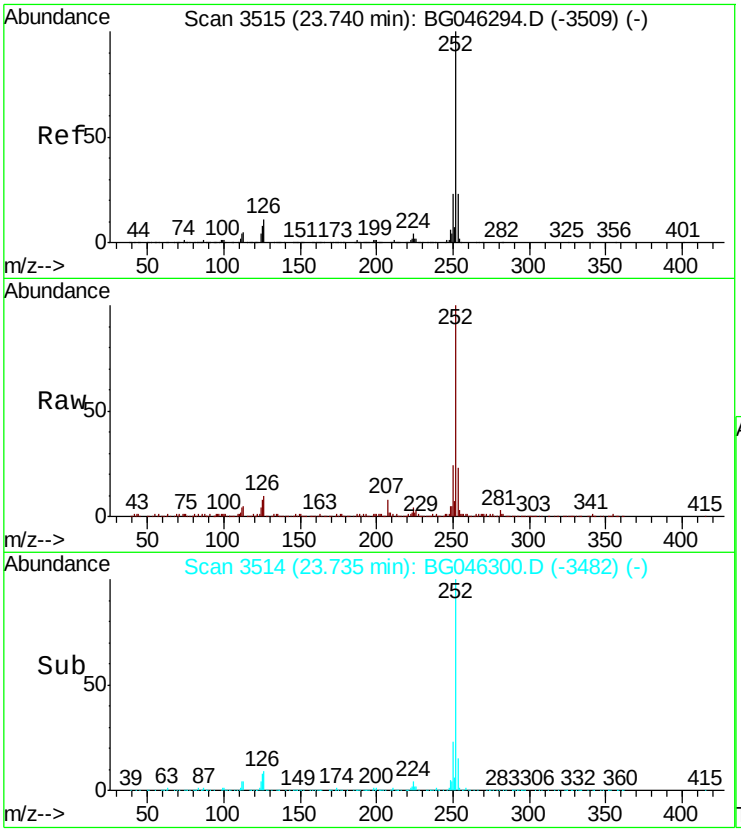


#24
Benzo(b)fluoranthene
Concen: 20.538 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:252 Resp: 751225

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.2	6.4	9.6



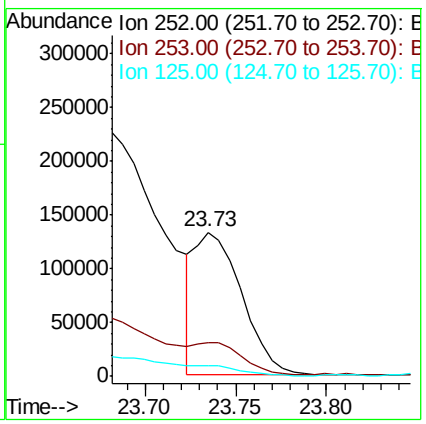


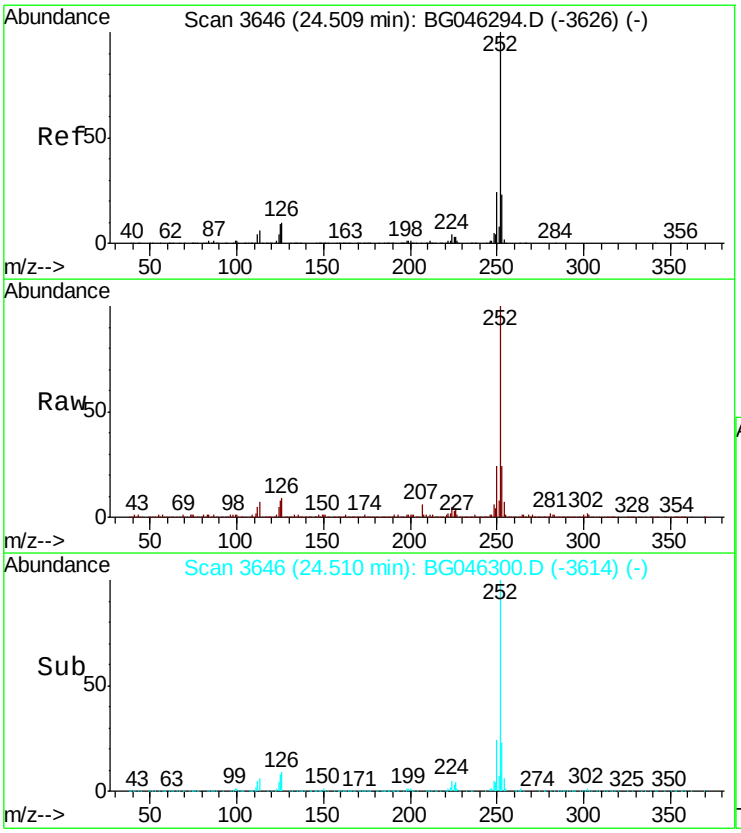
#25
Benzo(k)fluoranthene
Concen: 6.484 ng/ul
RT: 23.73 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:252 Resp: 235250

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.5	27.7
125	7.7	6.2	9.2

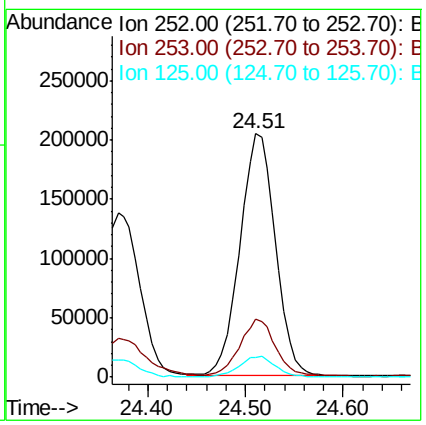


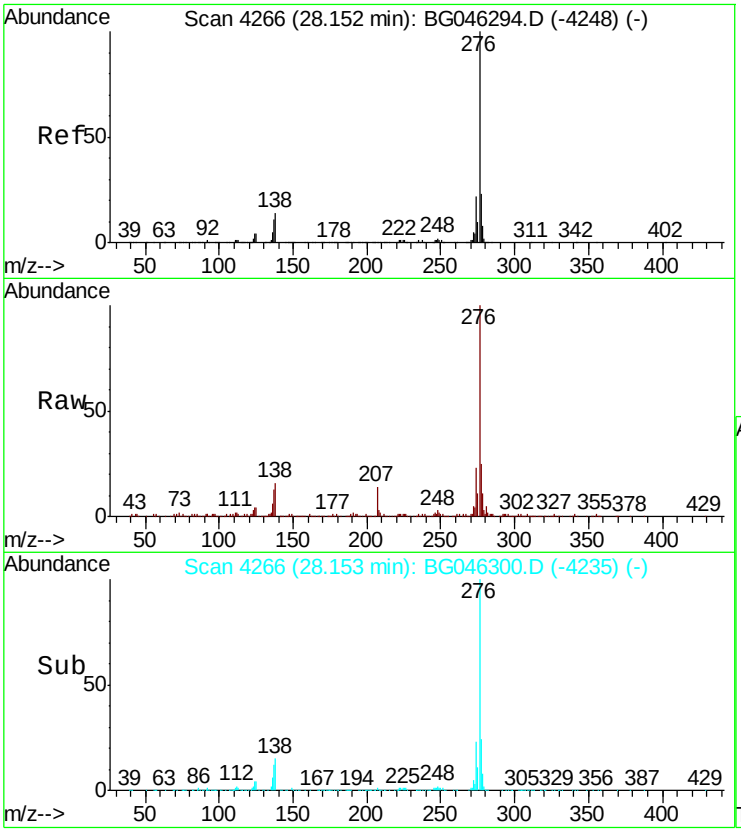


#27
Benzo(a)pyrene
Concen: 15.471 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:252 Resp: 519525

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



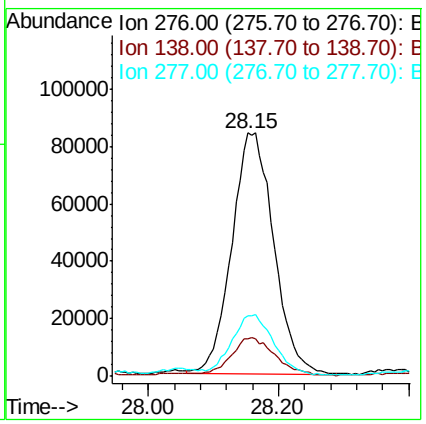


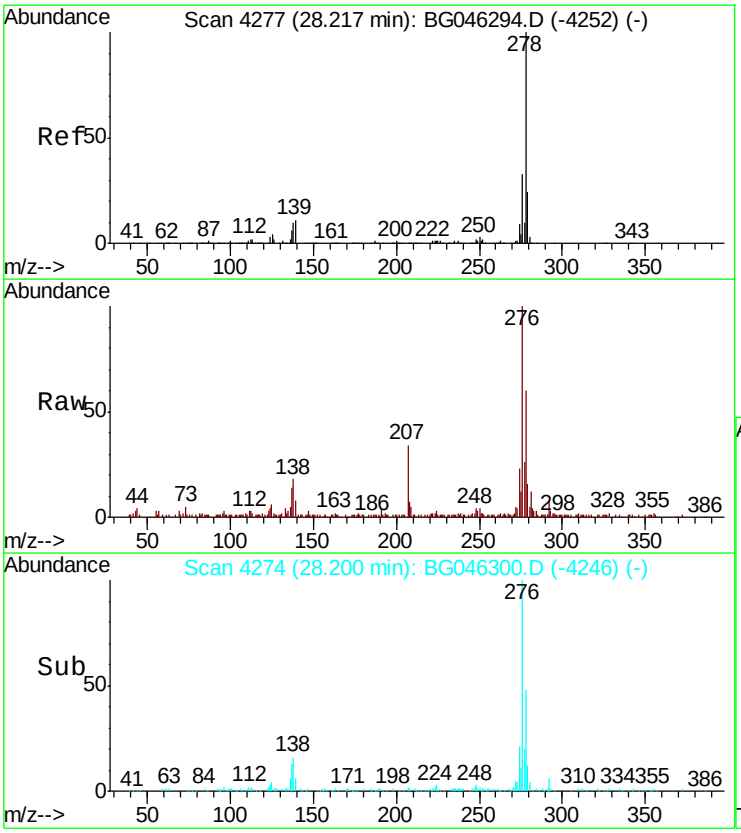
#28
Indeno(1,2,3-cd)pyrene
Concen: 8.913 ng/ul
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:276 Resp: 374747

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.2	19.8
277	24.8	19.9	29.9

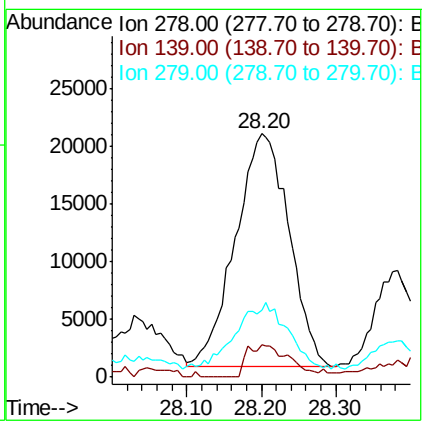


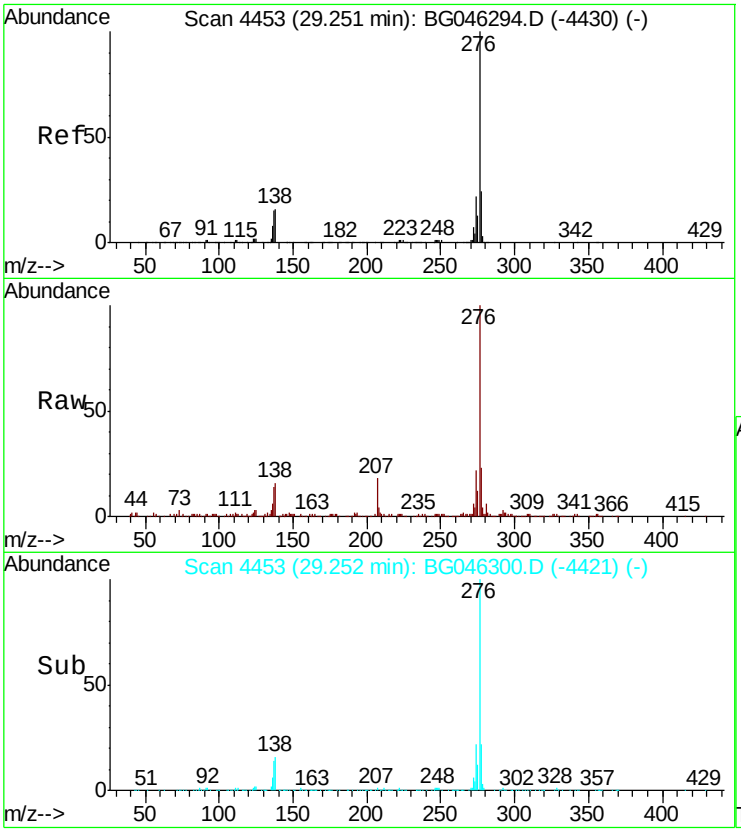


#29
Dibenzo(a,h)anthracene
Concen: 2.955 ng/ul
RT: 28.20 min Scan# 4274
Delta R.T. -0.04 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Tgt Ion:278 Resp: 100733

Ion	Ratio	Lower	Upper
278	100		
139	13.2	9.8	14.8
279	27.4	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 8.512 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046300.D
Acq: 17 Aug 2020 16:31

Instrument :
BNA_G
ClientSampleId :
BFM84

Tgt Ion:276 Resp: 299529

Ion	Ratio	Lower	Upper
276	100		
138	16.1	12.9	19.3
277	23.1	19.4	29.0