Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 21 00:38:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	77782	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	325346	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	221951	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	508877	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	506811	20.00	ng/ul	0.00
23) Perylene-d12	24.67	264	546959	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	160610	28.67	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	621345	30.42	ng/ul	0.00
10) Fluorene-d10	15.56	176	479706	30.65	ng/ul	0.00
15) Anthracene-d10	17.41	188	706549	29.95	ng/ul	0.00
19) Pyrene-d10	19.69	212	845214	32.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	949691	31.82	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.79	128	23343	1.379	ng/ul	98
5) 2-Methylnaphthalene	12.39	142	13678	1.060	ng/ul	96
8) Acenaphthylene	14.29	152	36615	1.763	ng/ul	97
9) Acenaphthene	14.63	153	37008	2.496	ng/ul	98
11) Fluorene	15.62	166	42479	2.450	ng/ul	98
14) Phenanthrene	17.35	178	883137	31.546	ng/ul	98
16) Anthracene	17.44	178	159758	5.656	ng/ul	98
17) Fluoranthene	19.36	202	1342850	43.018	ng/ul	98
20) Pyrene	19.72	202	1231148	37.008	ng/ul	99
21) Benzo(a)anthracene	21.54	228	758503	23.003	ng/ul	96
22) Chrysene	21.60	228	771914	24.216	ng/ul	97
24) Benzo(b)fluoranthene	23.69	252	1066767	29.494	ng/ul	98
25) Benzo(k)fluoranthene	23.69	252	1066767	29.732	ng/ul	99
27) Benzo(a)pyrene	24.52	252	783015	23.580	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.18	276	529817	12.743	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	98706	2.928	ng/ul	98
30) Benzo(g,h,i)perylene	29.28	276	310492	8.923	ng/ul	98

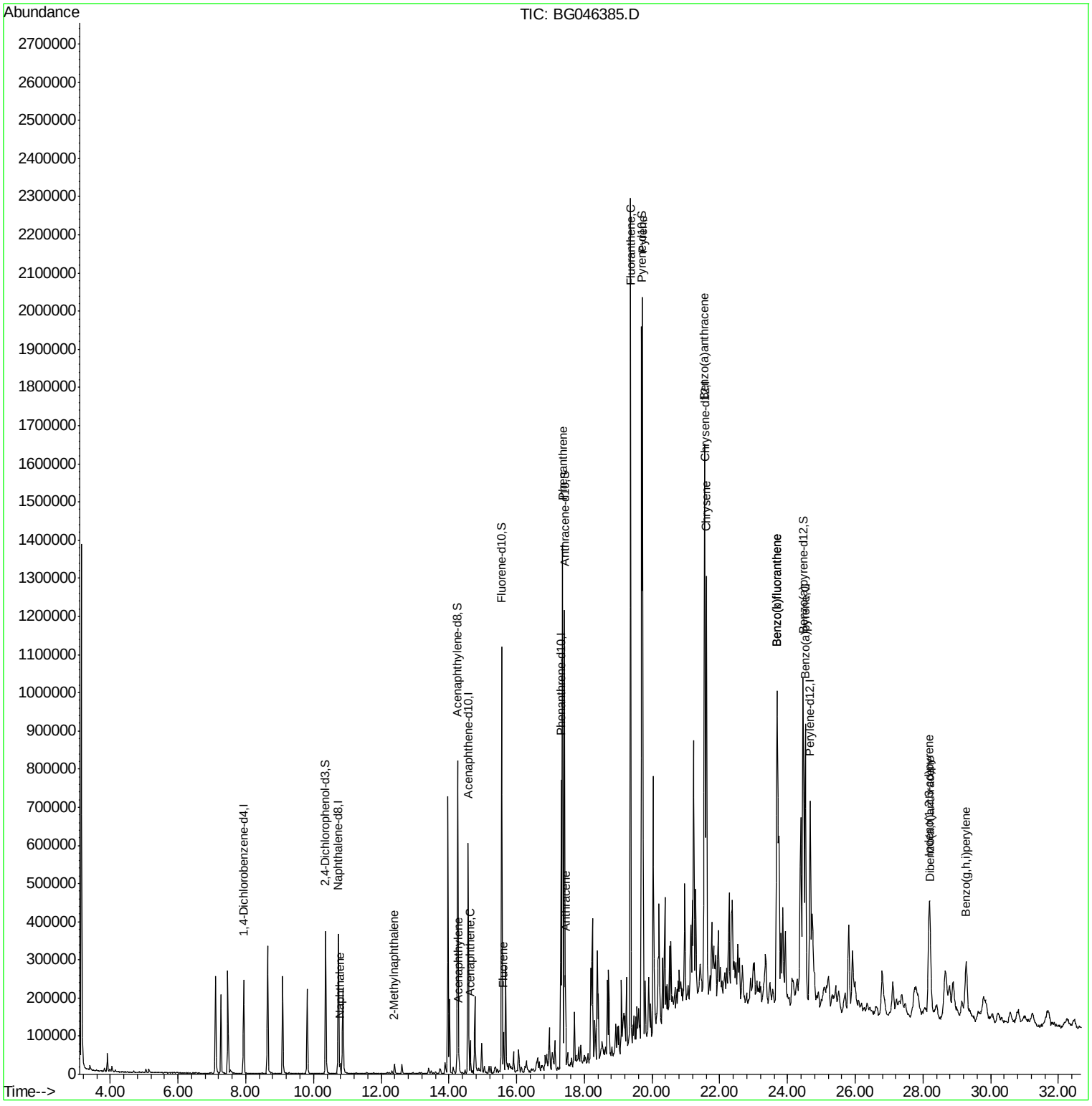
(#) = qualifier out of range (m) = manual integration (+) = signals summed

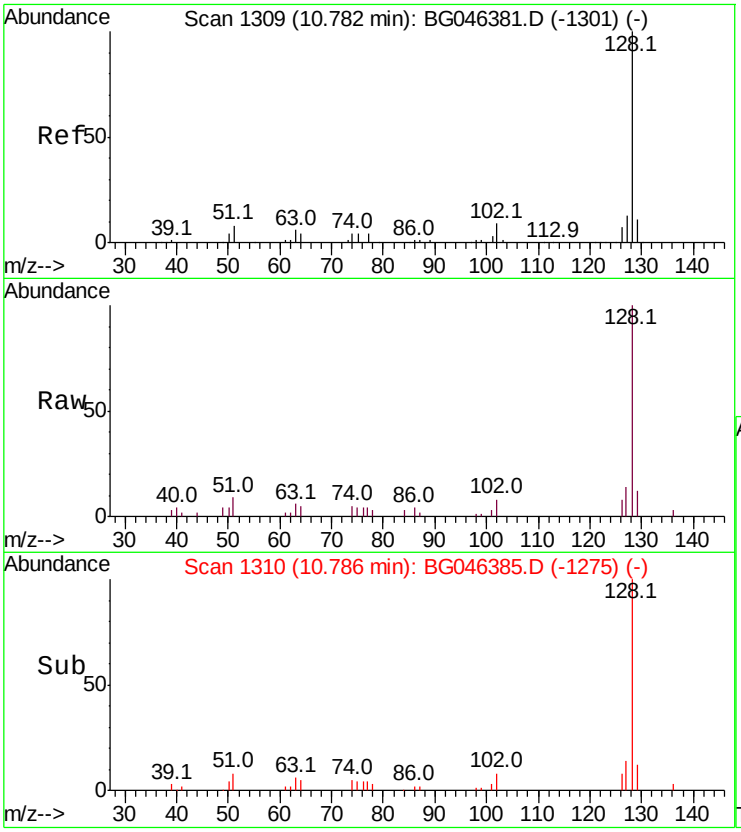
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046385.D
Acq On : 20 Aug 2020 19:15
Operator : CG/JU
Sample : L3634-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 21 00:38:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 21 00:37:00 2020
Response via : Initial Calibration



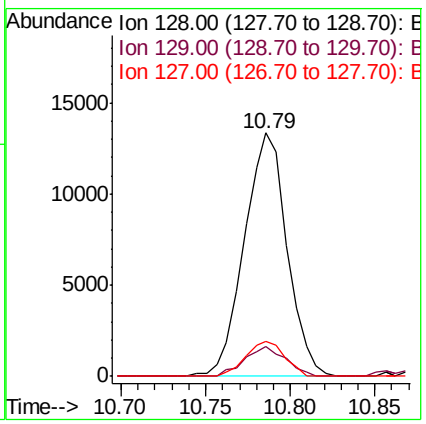


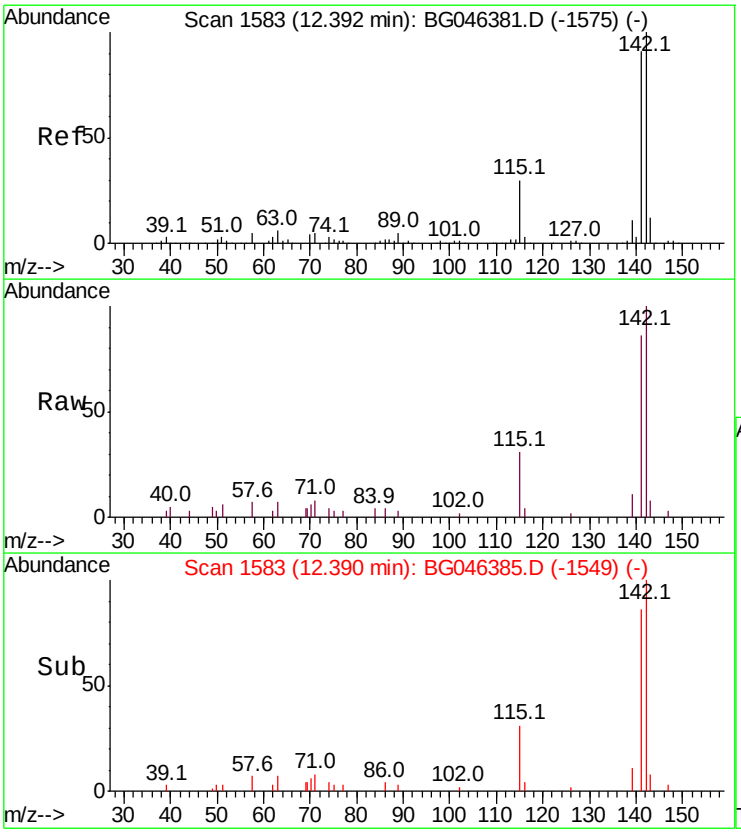
#4
Naphthalene
Concen: 1.379 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 23343

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.3	10.9	16.3

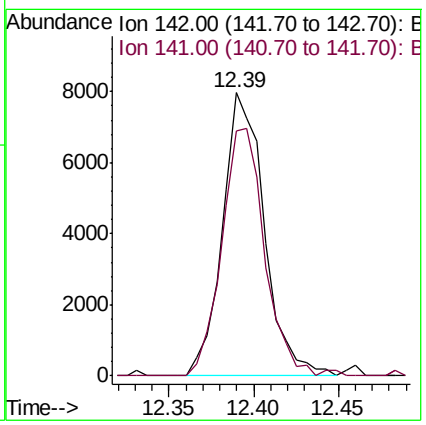


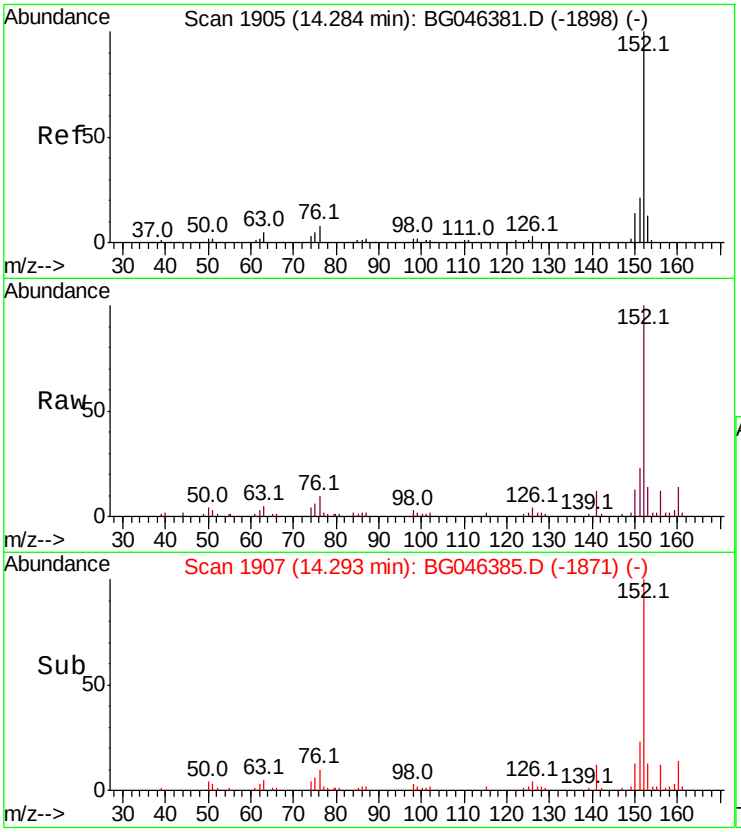


#5
2-Methylnaphthalene
Concen: 1.060 ng/ul
RT: 12.39 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:142 Resp: 13678

Ion	Ratio	Lower	Upper
142	100		
141	86.4	72.5	108.7



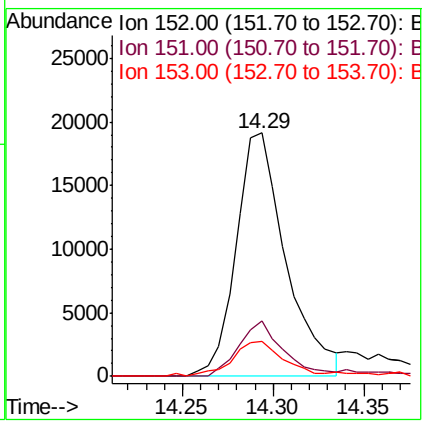


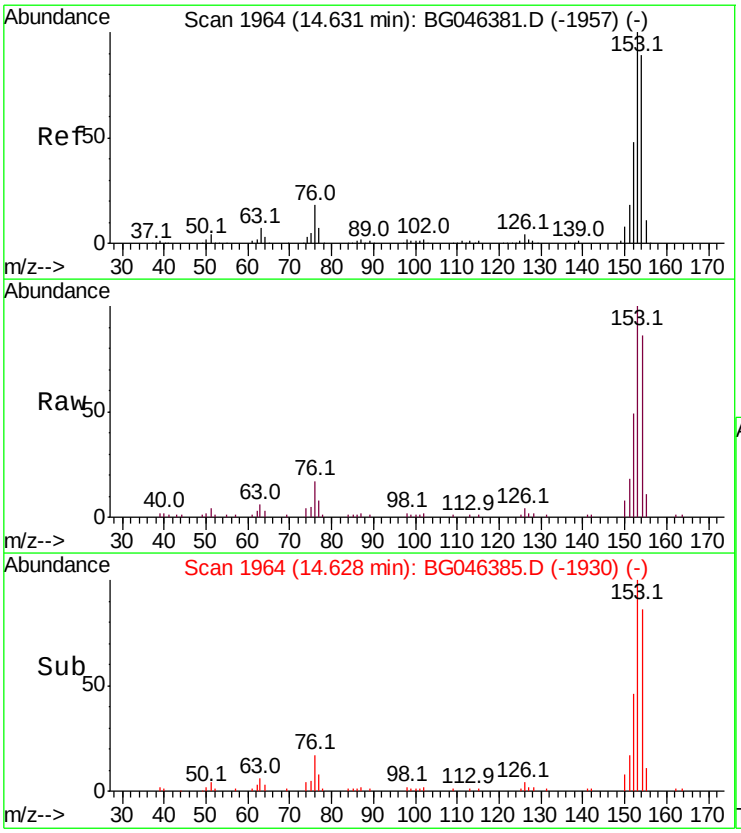
#8
Acenaphthylene
Concen: 1.763 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.01 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 36615

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.5	24.7
153	14.2	11.0	16.6

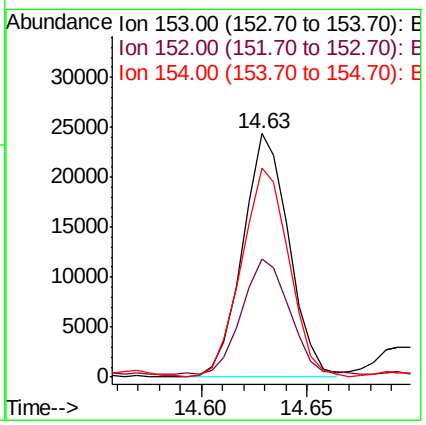


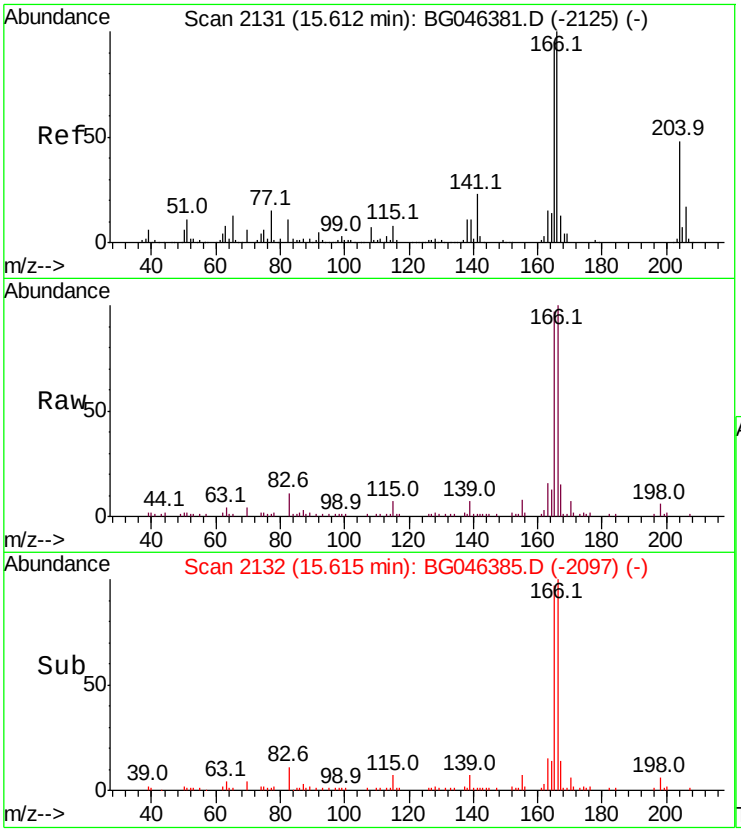


#9
Acenaphthene
Concen: 2.496 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:153 Resp: 37008

Ion	Ratio	Lower	Upper
153	100		
152	48.7	37.2	55.8
154	85.9	67.8	101.6



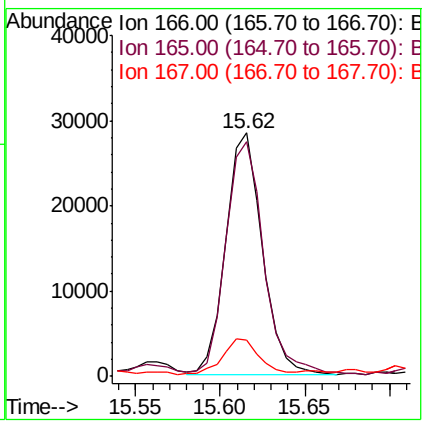


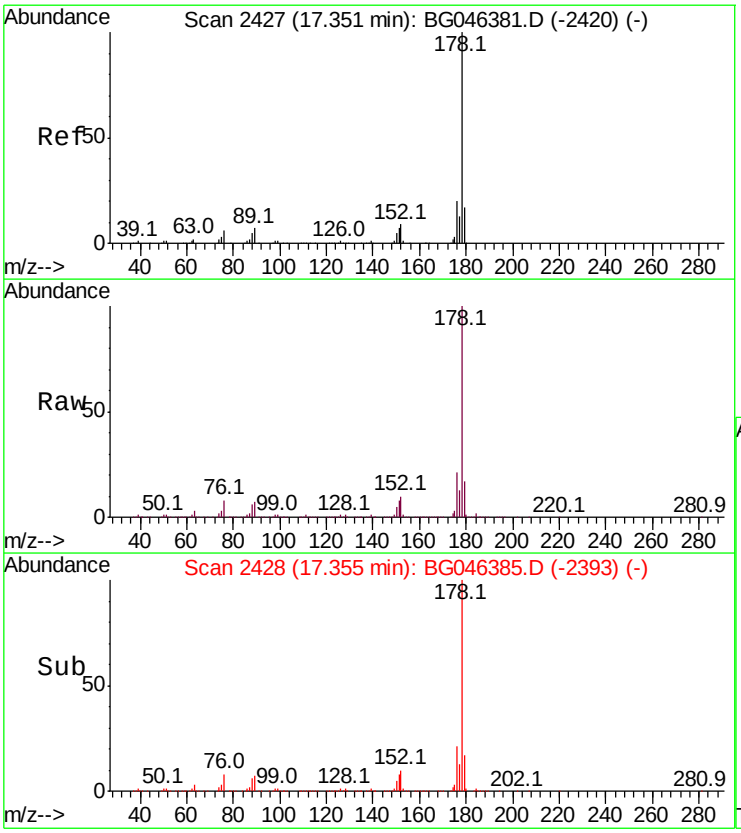
#11
Fluorene
Concen: 2.450 ng/ul
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:166 Resp: 42479

Ion	Ratio	Lower	Upper
166	100		
165	96.6	75.9	113.9
167	15.0	10.7	16.1

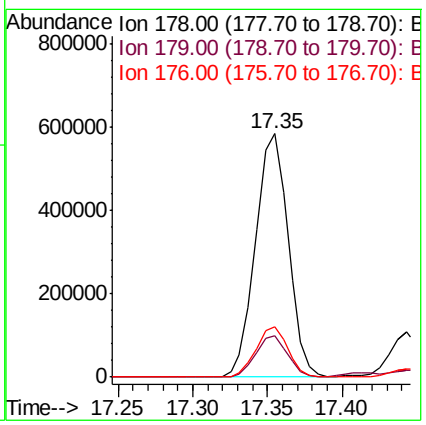


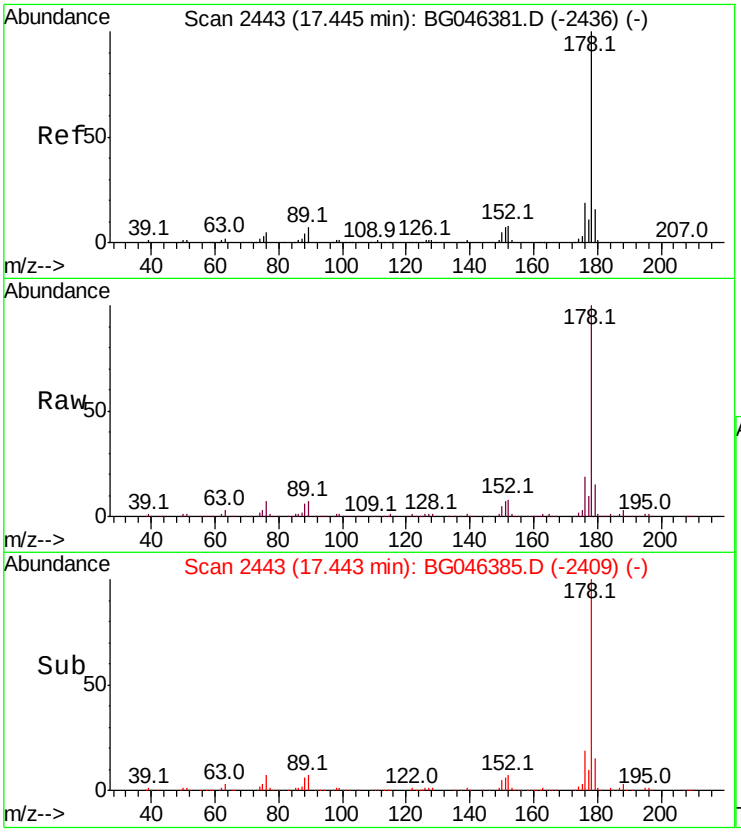


#14
Phenanthrene
Concen: 31.546 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:178 Resp: 883137

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	20.8	15.8	23.8



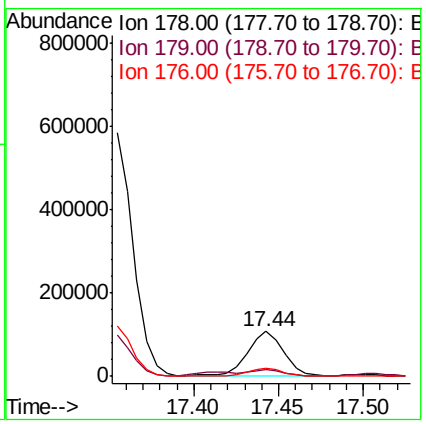


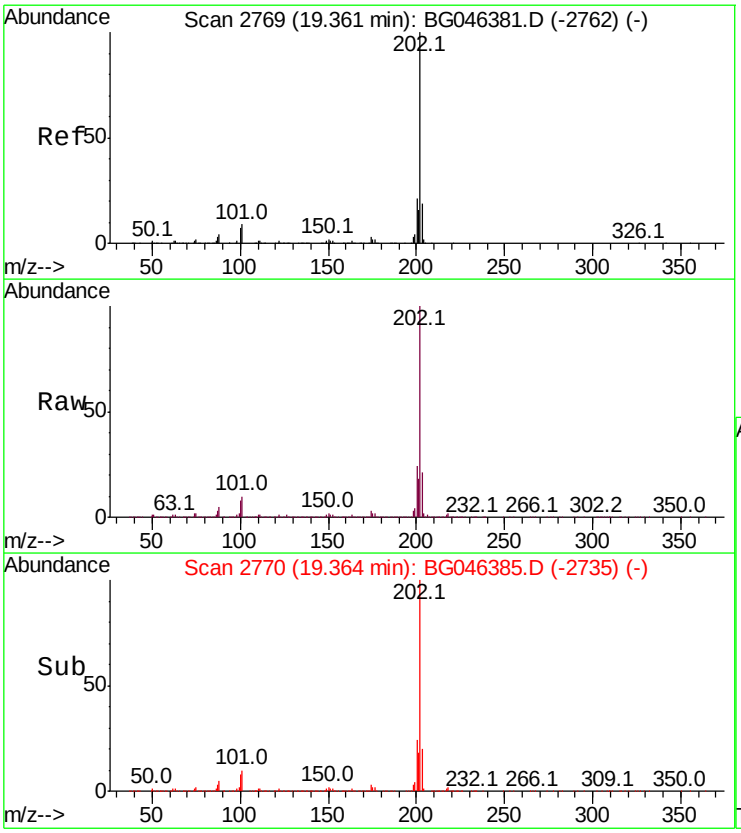
#16
Anthracene
Concen: 5.656 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 159758

Ion	Ratio	Lower	Upper
178	100		
179	14.9	13.2	19.8
176	18.5	15.2	22.8

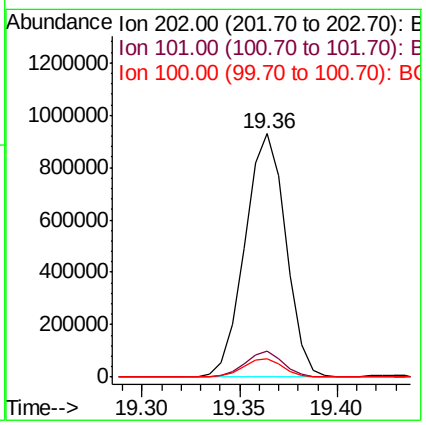


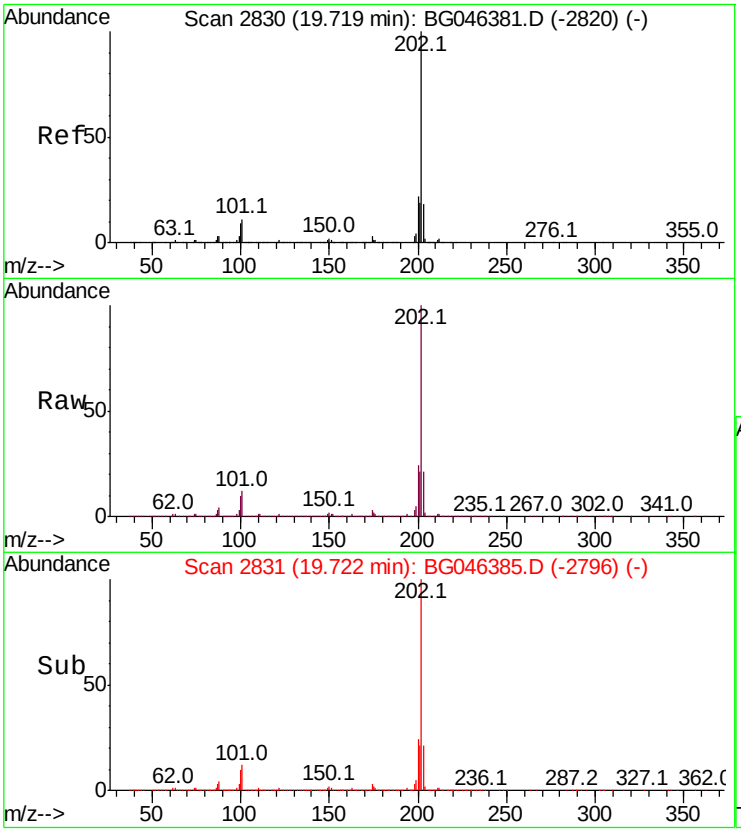


#17
Fluoranthene
Concen: 43.018 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:202 Resp: 1342850

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.8	11.6
100	7.7	5.9	8.9



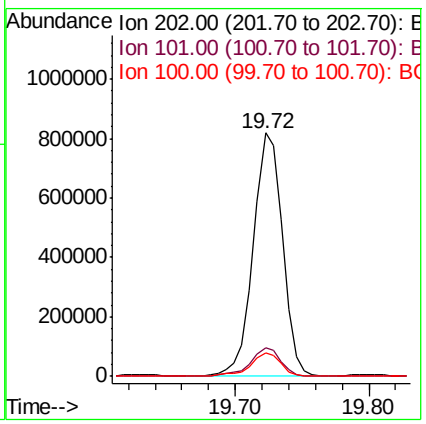


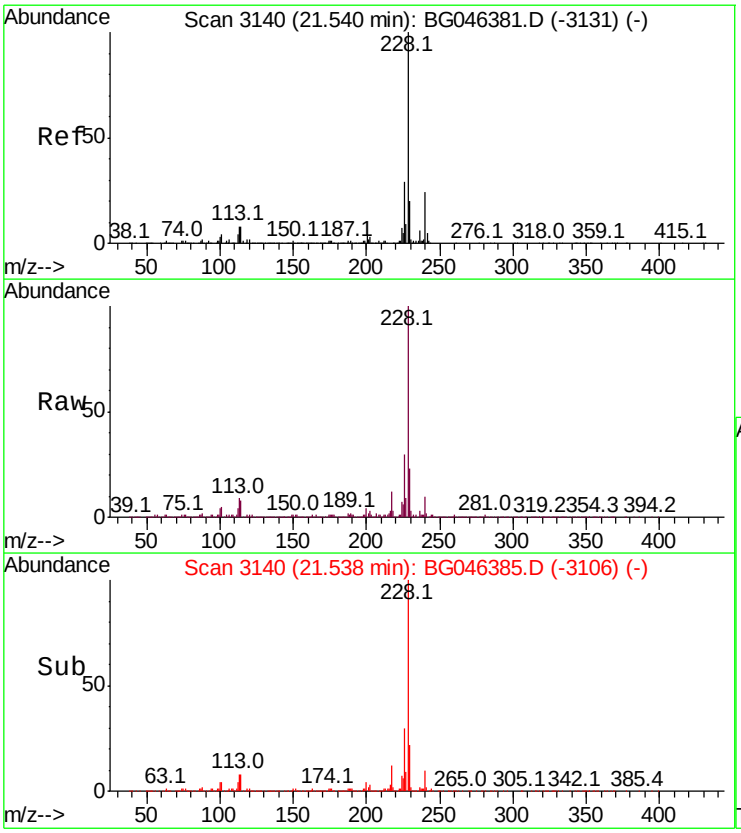
#20
Pyrene
Concen: 37.008 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 1231148

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.9	13.3
100	9.7	7.9	11.9

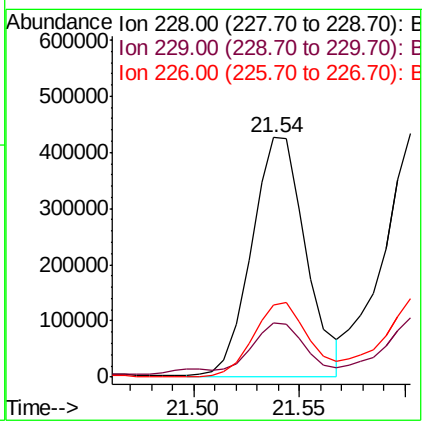


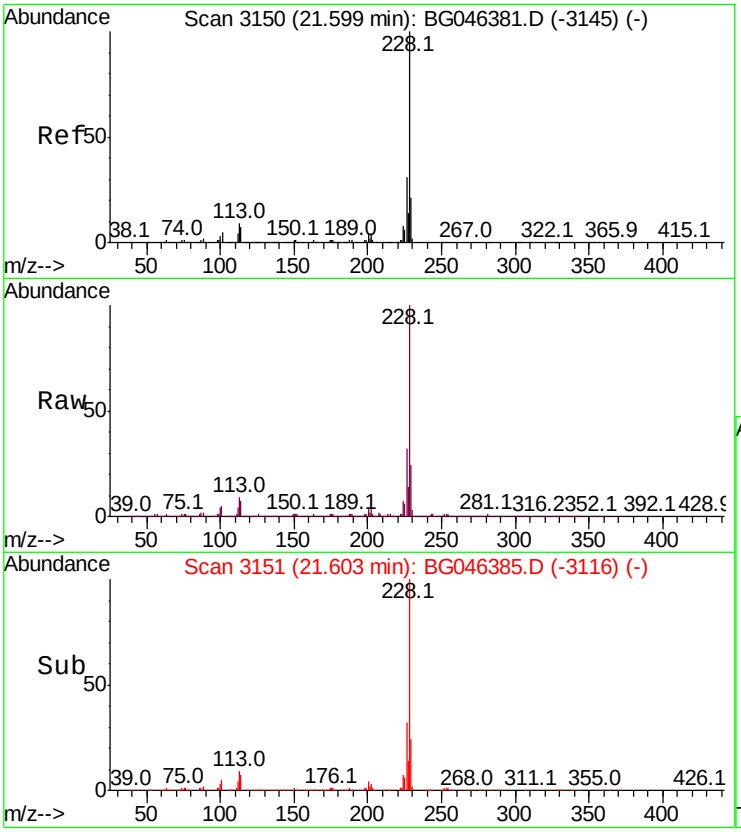


#21
Benzo(a)anthracene
Concen: 23.003 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:228 Resp: 758503

Ion	Ratio	Lower	Upper
228	100		
229	22.5	16.6	25.0
226	30.0	22.6	33.8



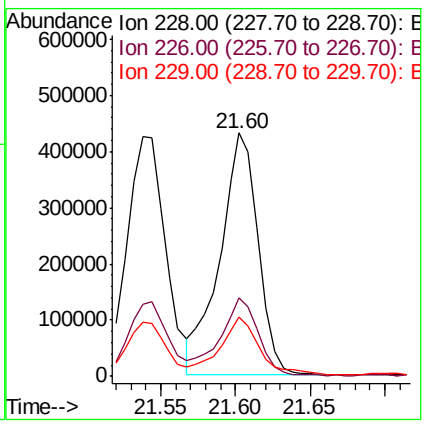


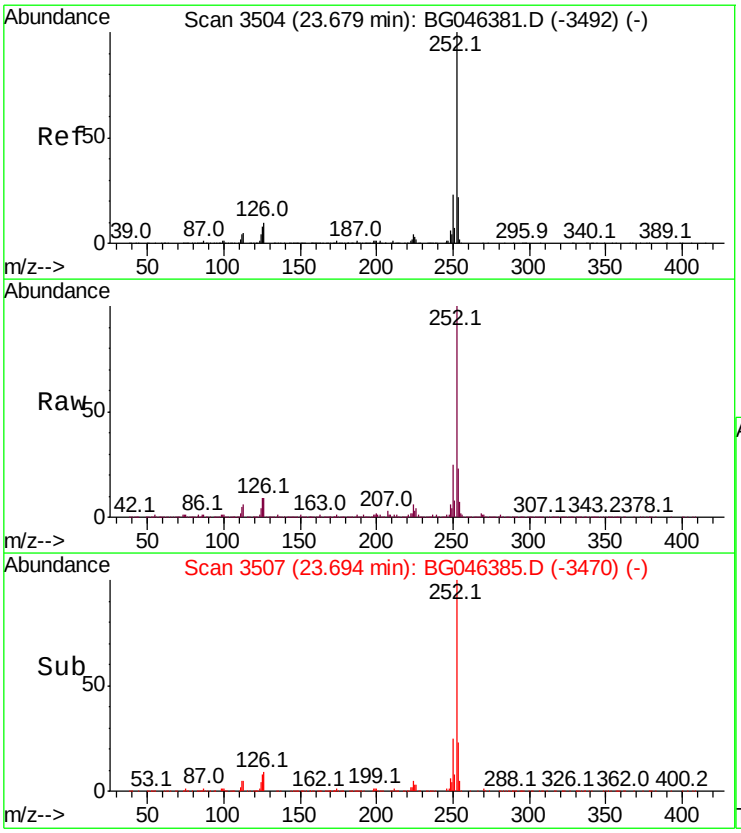
#22
Chrysene
Concen: 24.216 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 771914

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.5	38.3
229	24.1	17.0	25.4

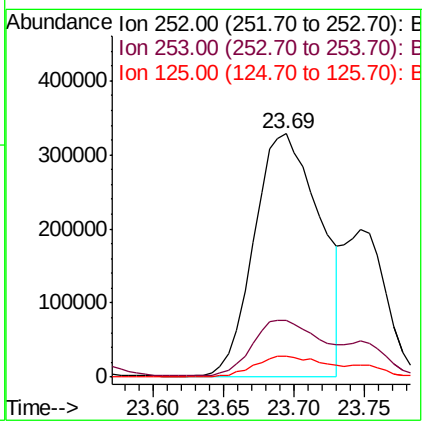


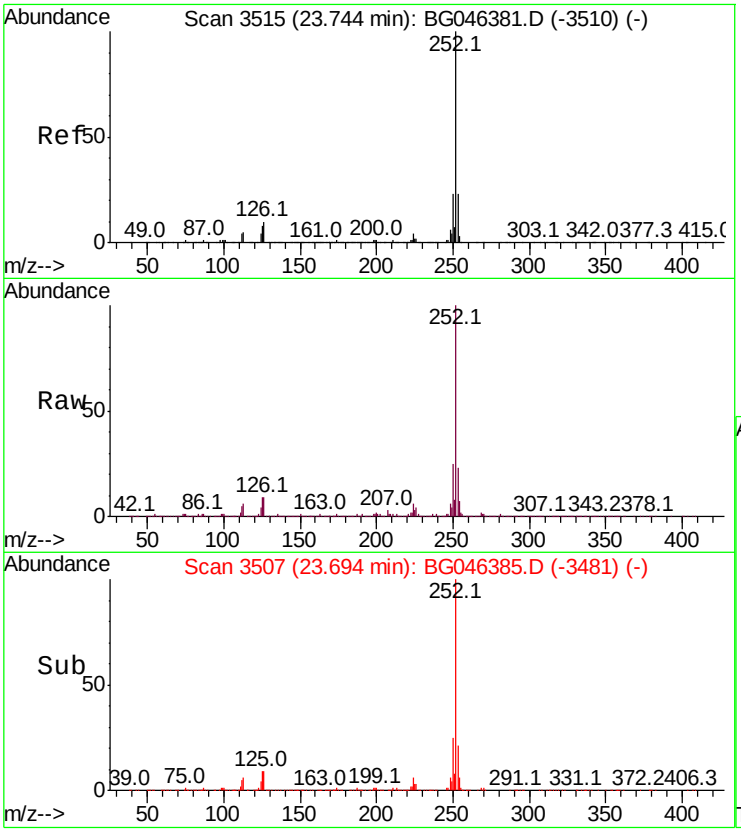


#24
Benzo(b)fluoranthene
Concen: 29.494 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. 0.02 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:252 Resp: 1066767

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	8.7	6.4	9.6



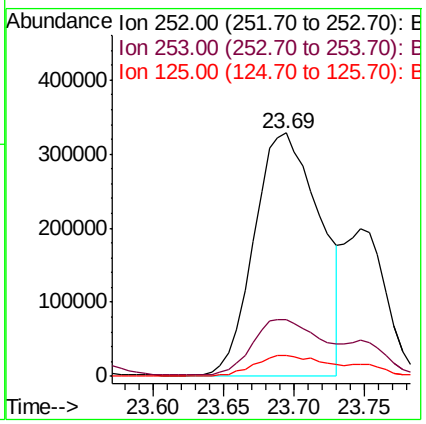


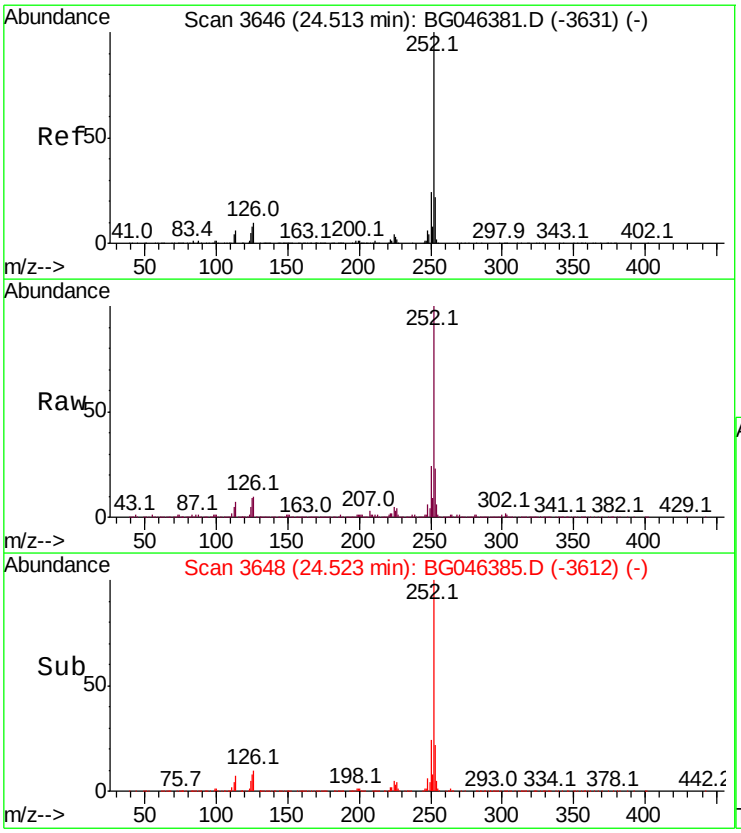
#25
Benzo(k)fluoranthene
Concen: 29.732 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.05 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 1066767

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.5	27.7
125	8.7	6.2	9.2

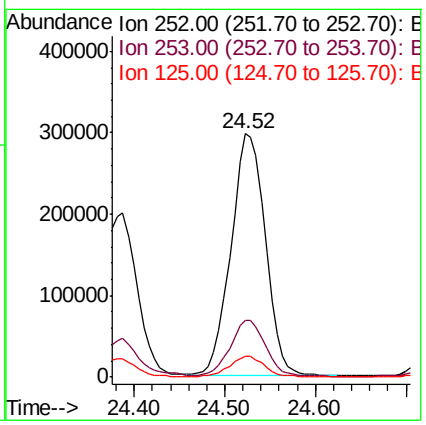


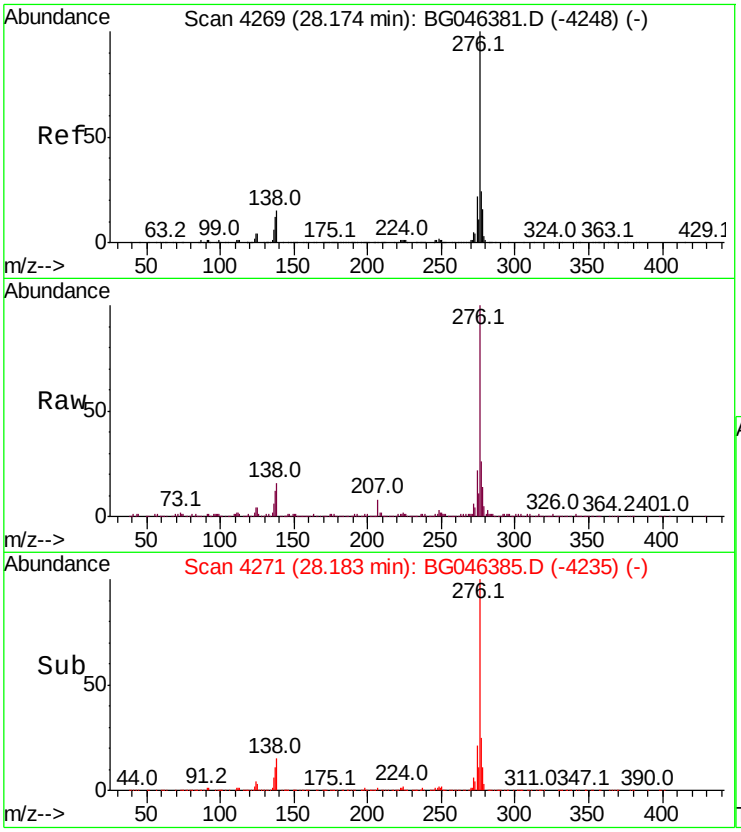


#27
Benzo(a)pyrene
Concen: 23.580 ng/ul
RT: 24.52 min Scan# 3648
Delta R.T. 0.01 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:252 Resp: 783015

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	8.6	7.1	10.7



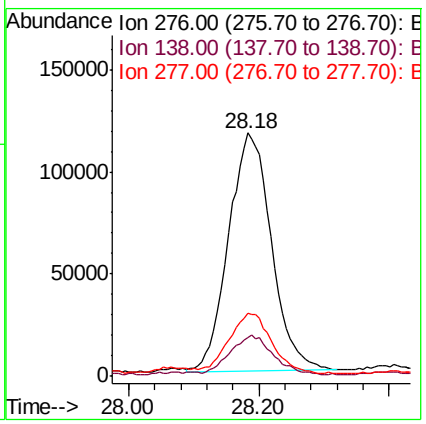


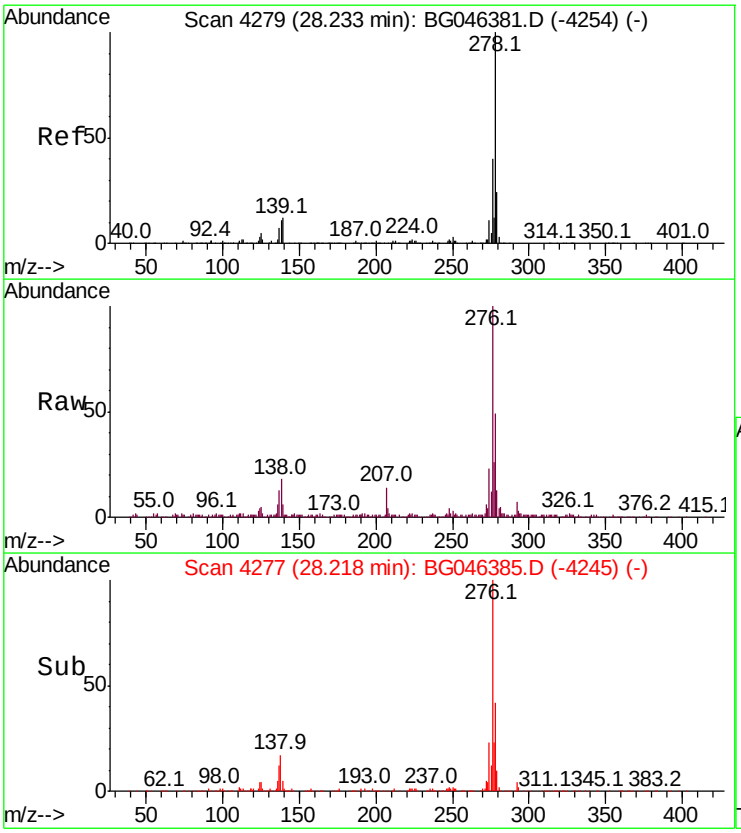
#28
Indeno(1,2,3-cd)pyrene
Concen: 12.743 ng/ul
RT: 28.18 min Scan# 4271
Delta R.T. 0.01 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 529817

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.2	19.8
277	25.9	19.9	29.9

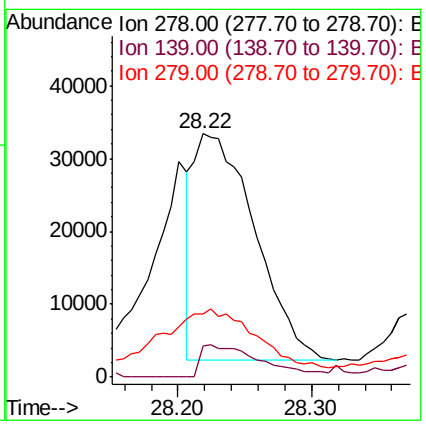


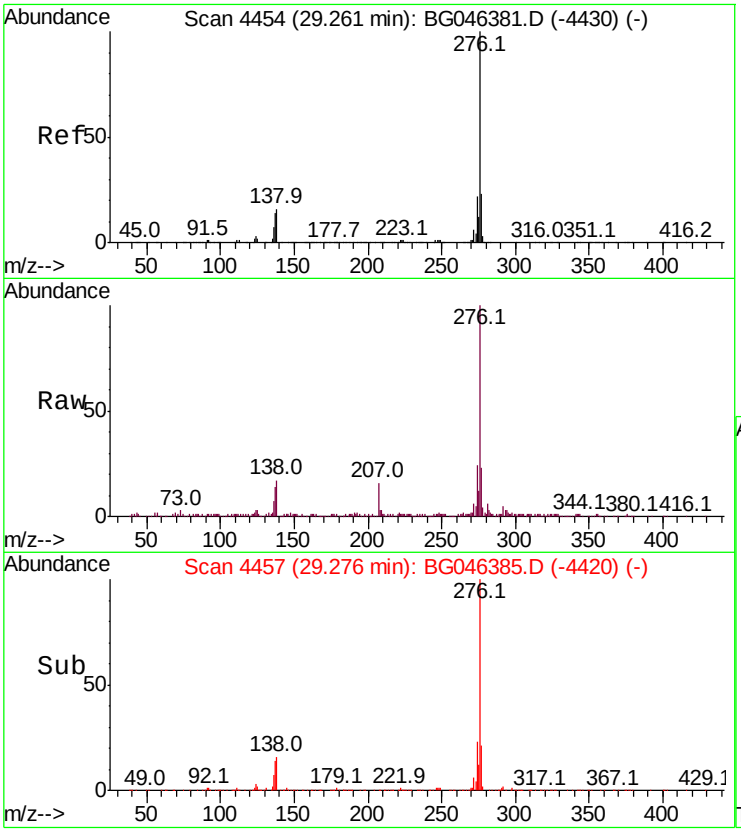


#29
Dibenzo(a,h)anthracene
Concen: 2.928 ng/ul
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Tgt Ion:278 Resp: 98706

Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.8	14.8
279	25.8	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 8.923 ng/ul
RT: 29.28 min Scan# 4457
Delta R.T. 0.02 min
Lab File: BG046385.D
Acq: 20 Aug 2020 19:15

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 310492

Ion	Ratio	Lower	Upper
276	100		
138	16.5	12.9	19.3
277	22.9	19.4	29.0