Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046419.D
Acq On : 21 Aug 2020 18:42
Operator : CG/JU
Sample : L3634-02DL 2X
Misc :
ALS Vial : 83 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BFMF0DL

Quant Time: Aug 22 01:00:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	86796	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	362465	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236156	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	500631	20.00	ng/ul	0.00
18) Chrysene-d12	21.57	240	483956	20.00	ng/ul	0.00
23) Perylene-d12	24.69	264	507816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	88272	14.14	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	326690	15.03	ng/ul	0.00
10) Fluorene-d10	15.56	176	244938	14.71	ng/ul	0.00
15) Anthracene-d10	17.41	188	343859	14.82	ng/ul	0.00
19) Pyrene-d10	19.70	212	395915	15.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	425357	15.35	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.79	128	73965	3.923	ng/ul	97
5) 2-Methylnaphthalene	12.40	142	38467	2.676	ng/ul	96
8) Acenaphthylene	14.29	152	30267	1.370	ng/ul#	97
9) Acenaphthene	14.63	153	113089	7.167	ng/ul	94
11) Fluorene	15.62	166	135671	7.354	ng/ul	100
14) Phenanthrene	17.36	178	1642482	59.637	ng/ul	94
16) Anthracene	17.45	178	369672	13.303	ng/ul	100
17) Fluoranthene	19.37	202	1815215	59.108	ng/ul	96
20) Pyrene	19.73	202	1609258	50.658	ng/ul	98
21) Benzo(a)anthracene	21.55	228	1009311	32.054	ng/ul	96
22) Chrysene	21.61	228	979480	32.178	ng/ul	97
24) Benzo(b)fluoranthene	23.71	252	1247121	37.138	ng/ul	96
25) Benzo(k)fluoranthene	23.76	252	426781	12.812	ng/ul	98
27) Benzo(a)pyrene	24.54	252	874317	28.360	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.21	276	440411	11.409	ng/ul	99
29) Dibenzo(a,h)anthracene	28.25	278	127055	4.059	ng/ul#	91
30) Benzo(g,h,i)perylene	29.30	276	243070	7.524	ng/ul	99

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046419.D
Acq On : 21 Aug 2020 18:42
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Instrument :
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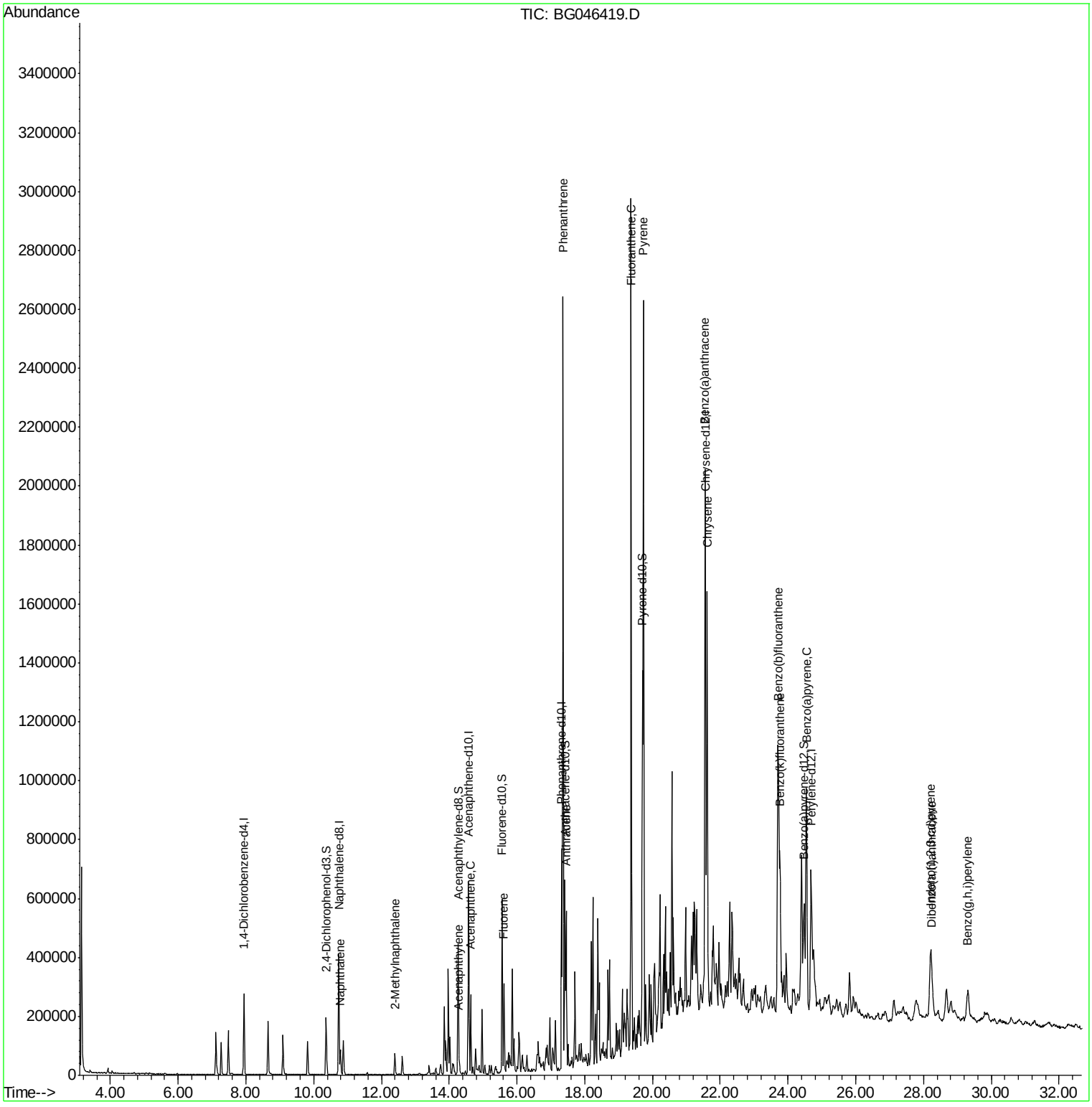
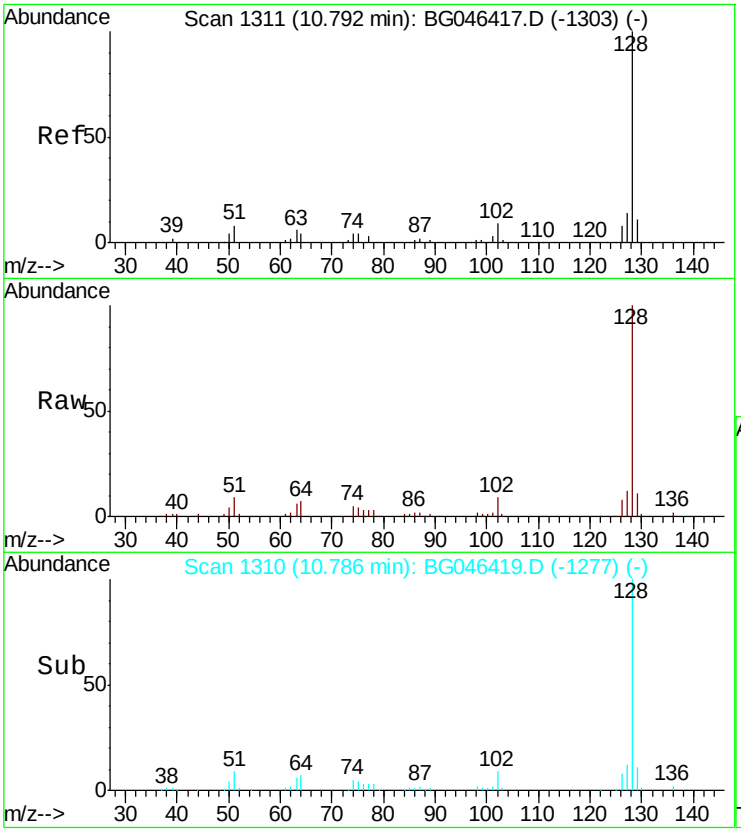
ClientSampleId :
BFMF0DL

Quant Time: Aug 22 01:00:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 22 00:58:34 2020
Response via : Initial Calibration



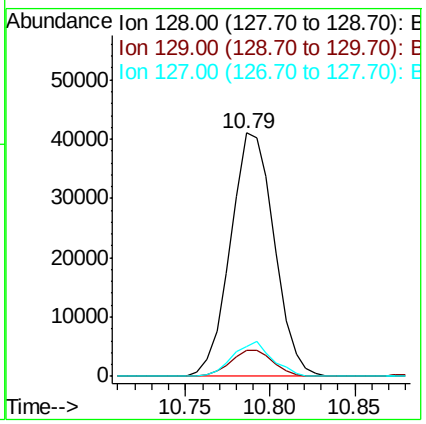


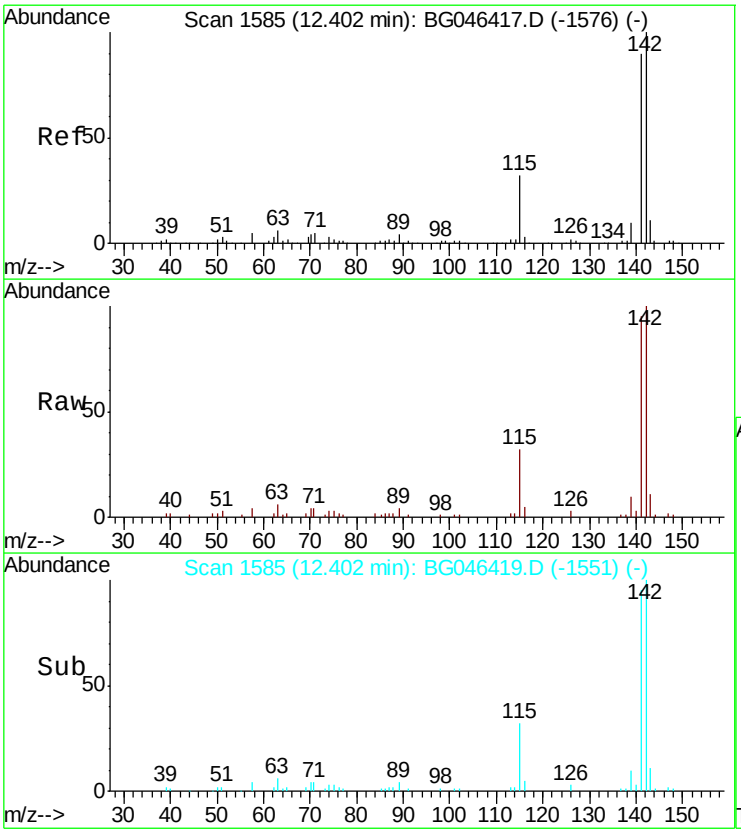
#4
Naphthalene
Concen: 3.923 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:128 Resp: 73965

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.0	13.6
127	12.1	10.9	16.3

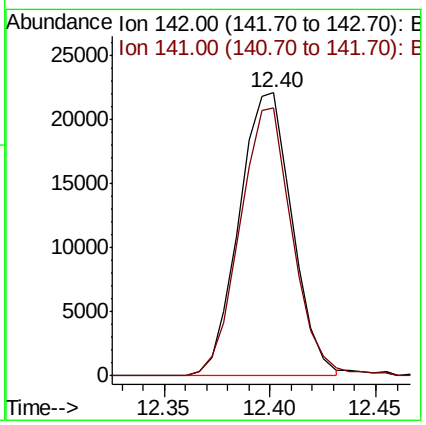


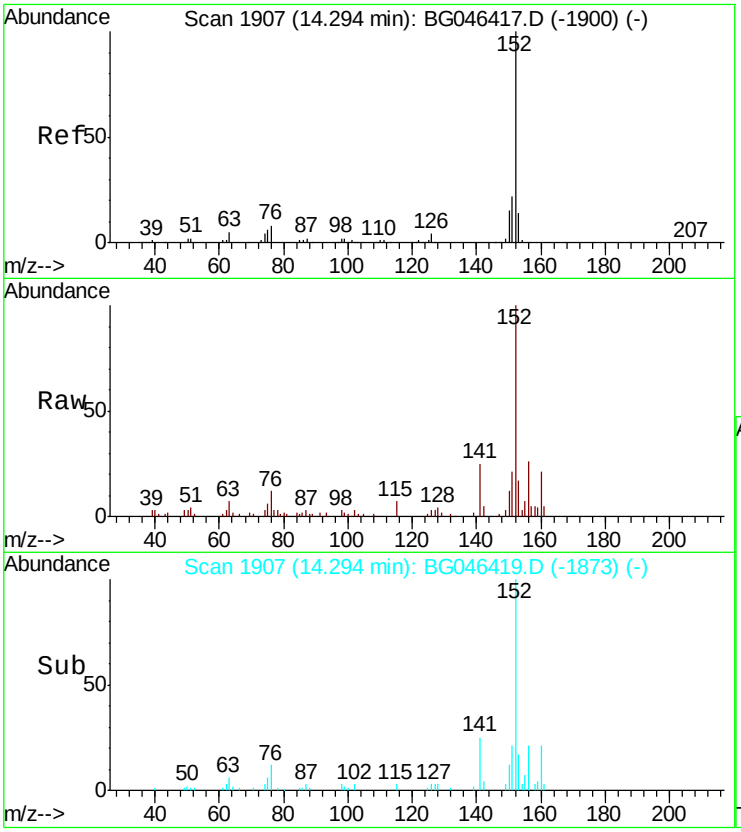


#5
2-Methylnaphthalene
Concen: 2.676 ng/ul
RT: 12.40 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:142 Resp: 38467

Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.5	108.7



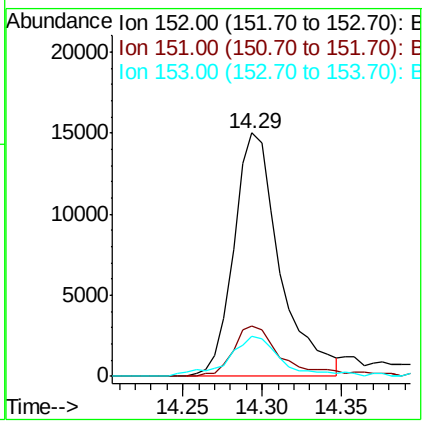


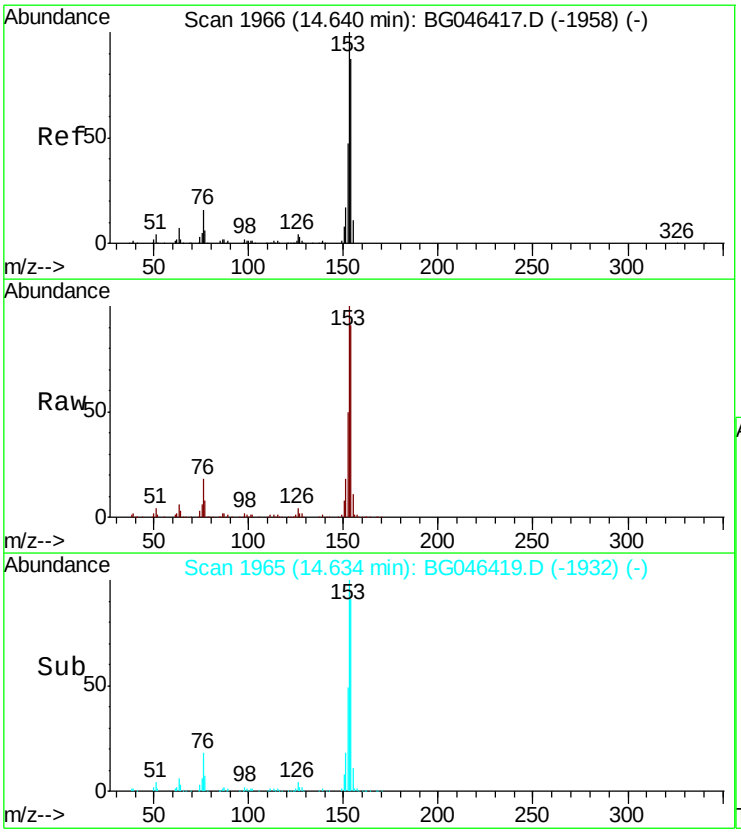
#8
Acenaphthylene
Concen: 1.370 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:152 Resp: 30267

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	16.6	11.0	16.6#

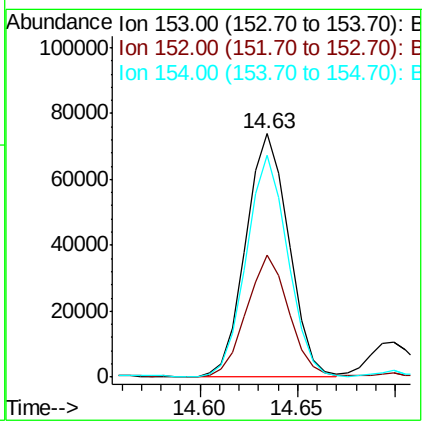


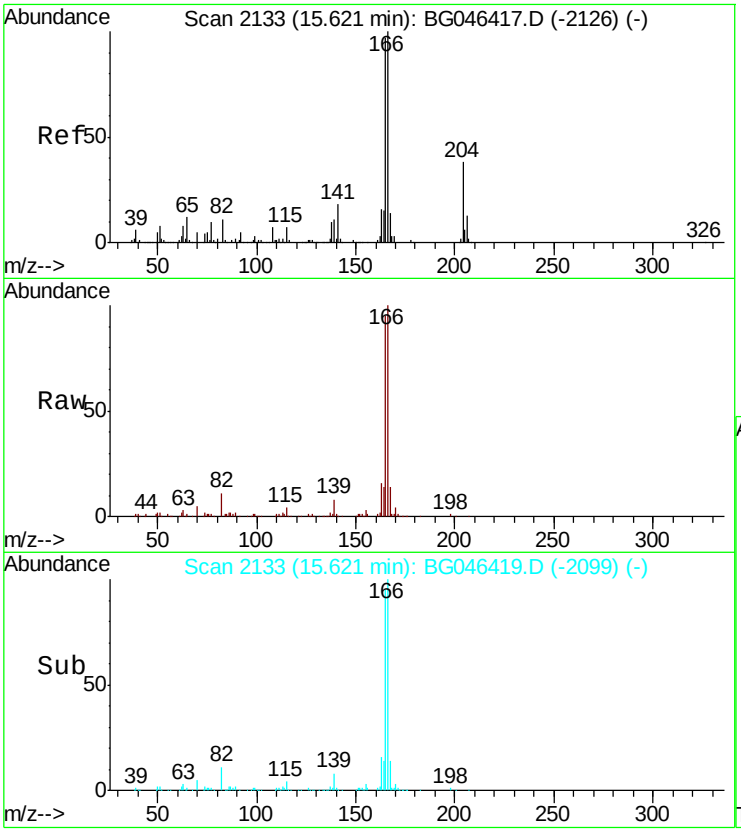


#9
Acenaphthene
Concen: 7.167 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:153 Resp: 113089

Ion	Ratio	Lower	Upper
153	100		
152	49.9	37.2	55.8
154	91.3	67.8	101.6



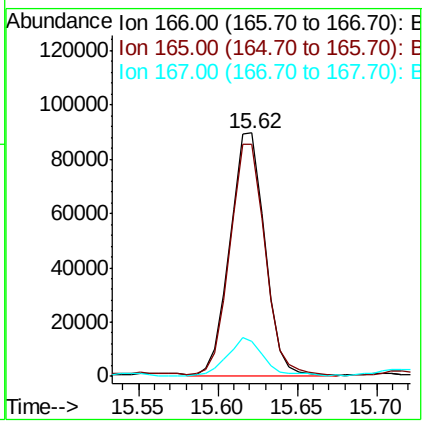


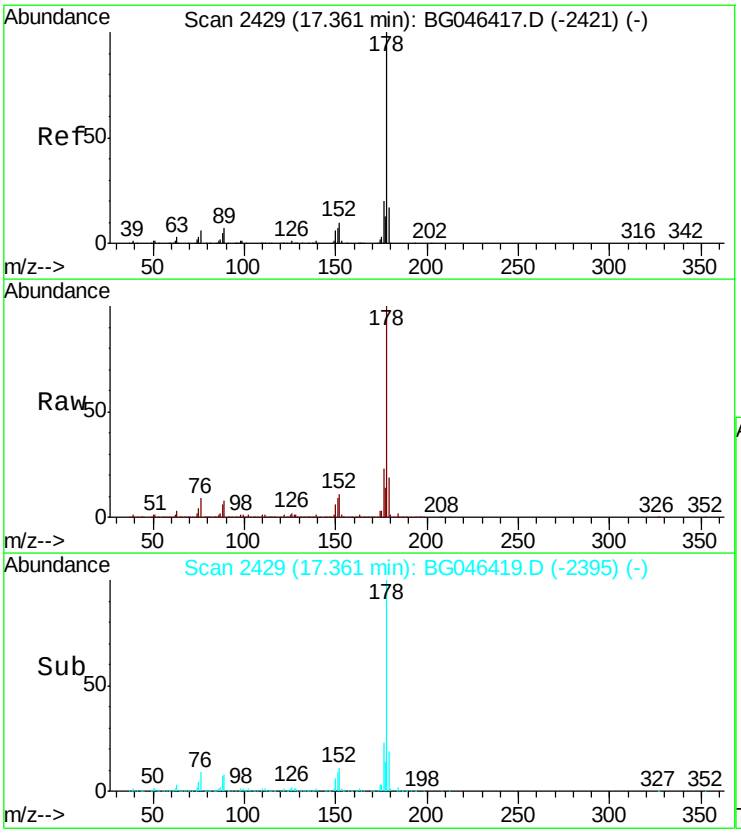
#11
Fluorene
Concen: 7.354 ng/ul
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:166 Resp: 135671

Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.9	113.9
167	14.4	10.7	16.1

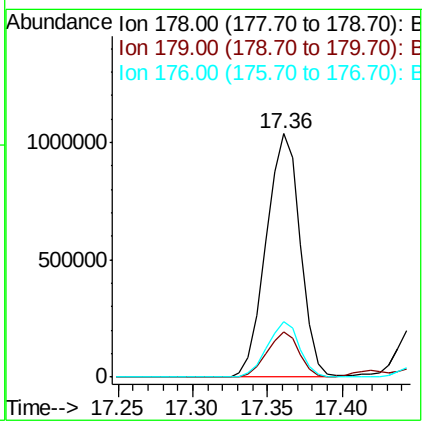


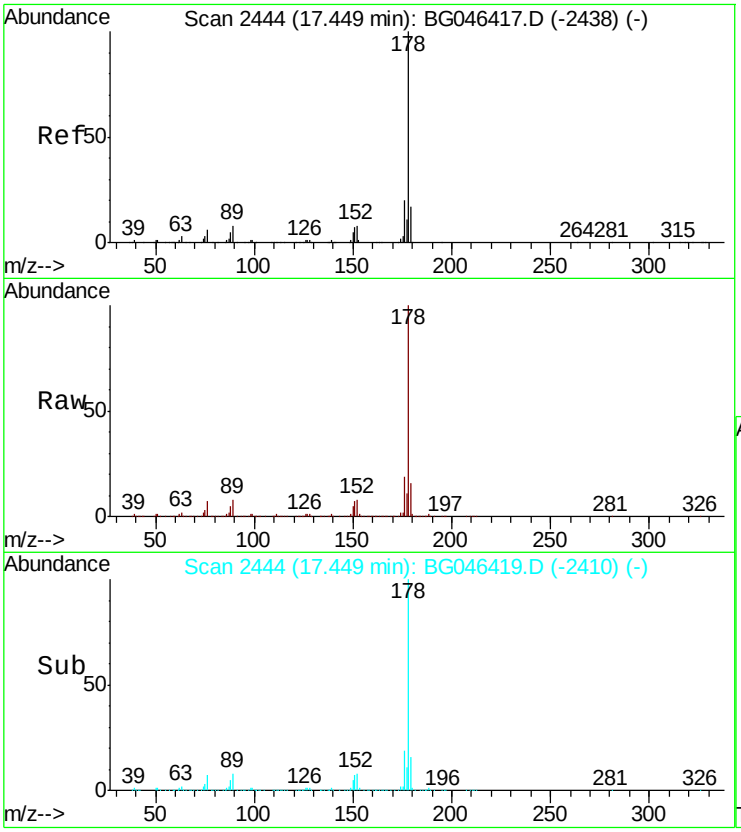


#14
Phenanthrene
Concen: 59.637 ng/ul
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:178 Resp: 1642482

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.8	19.2
176	22.8	15.8	23.8



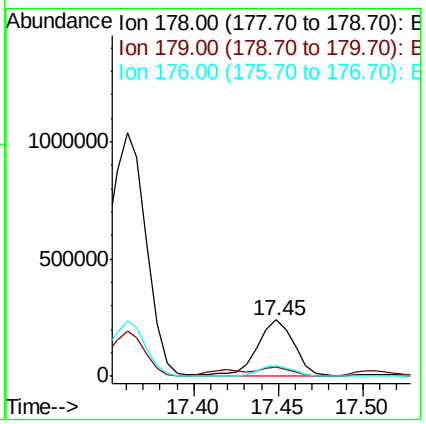


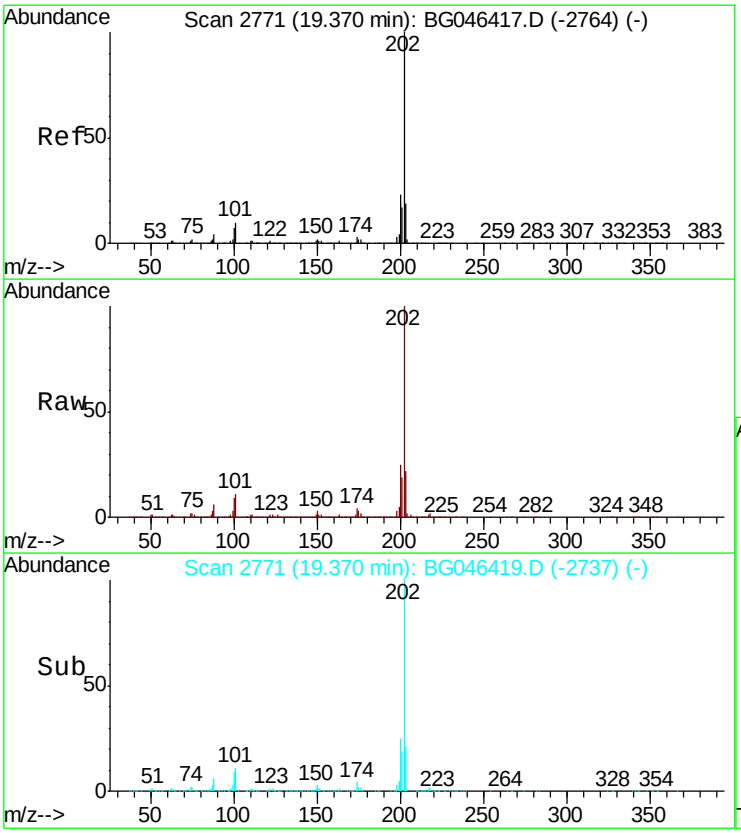
#16
Anthracene
Concen: 13.303 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:178 Resp: 369672

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.2	19.8
176	19.0	15.2	22.8

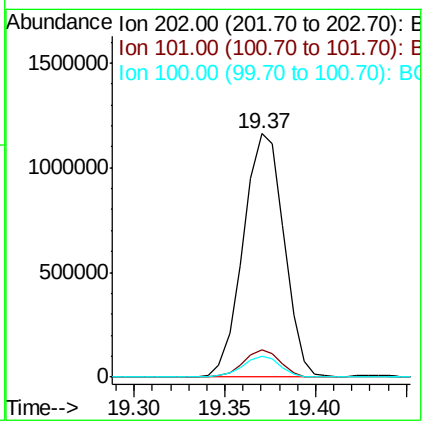


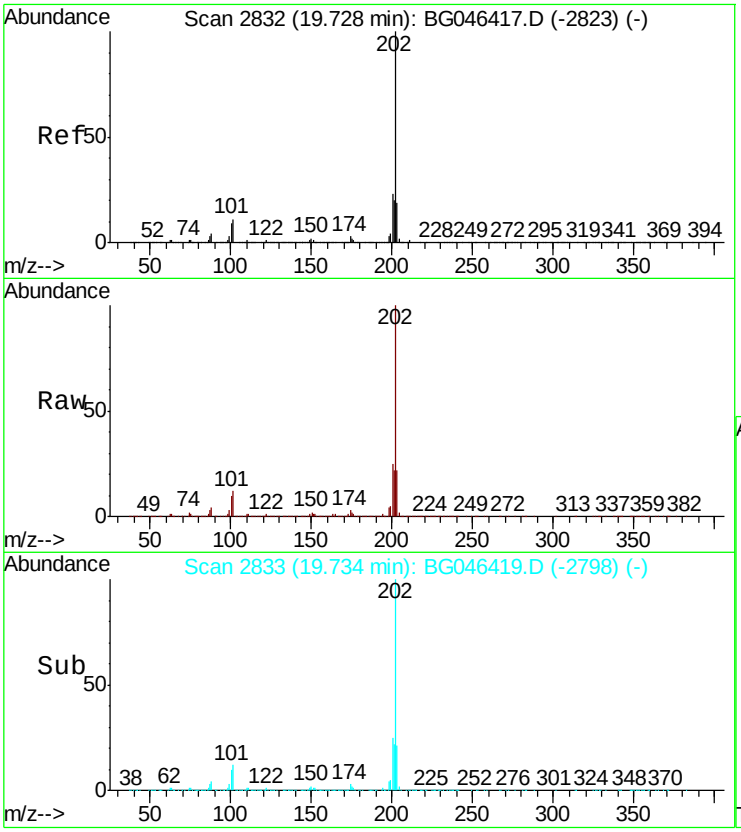


#17
Fluoranthene
Concen: 59.108 ng/ul
RT: 19.37 min Scan# 2771
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:202 Resp: 1815215

Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	8.6	5.9	8.9



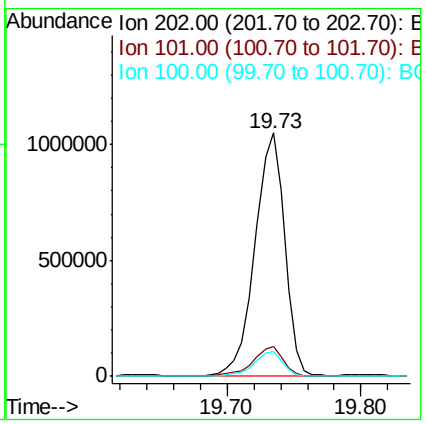


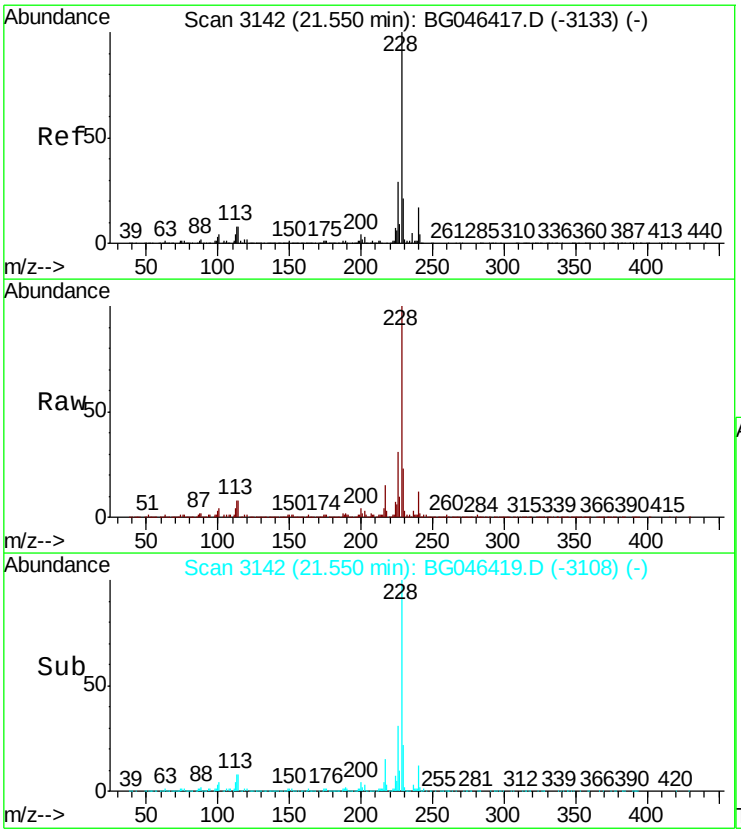
#20
Pyrene
Concen: 50.658 ng/ul
RT: 19.73 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:202 Resp: 1609258

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.9	13.3
100	10.2	7.9	11.9

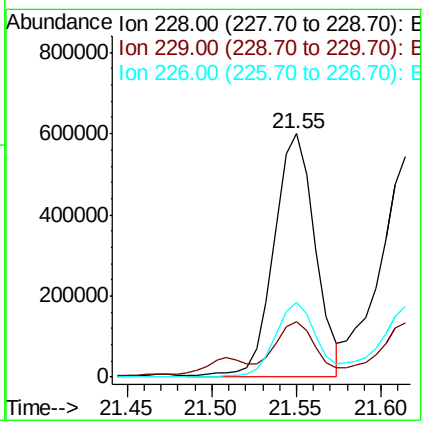


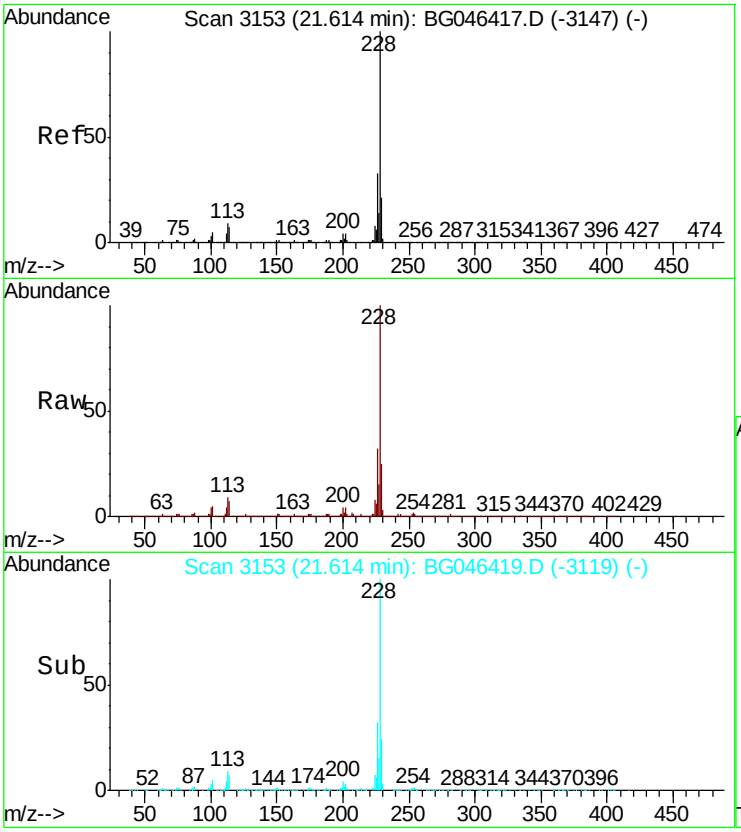


#21
Benzo(a)anthracene
Concen: 32.054 ng/ul
RT: 21.55 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:228 Resp: 1009311

Ion	Ratio	Lower	Upper
228	100		
229	22.7	16.6	25.0
226	30.7	22.6	33.8



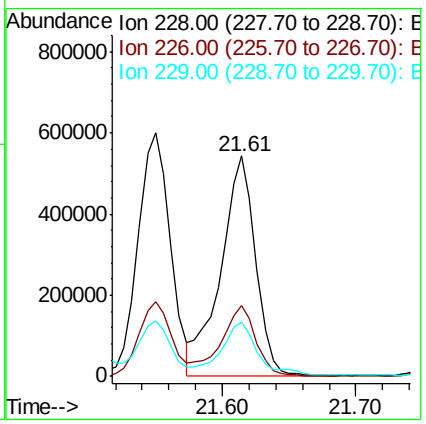


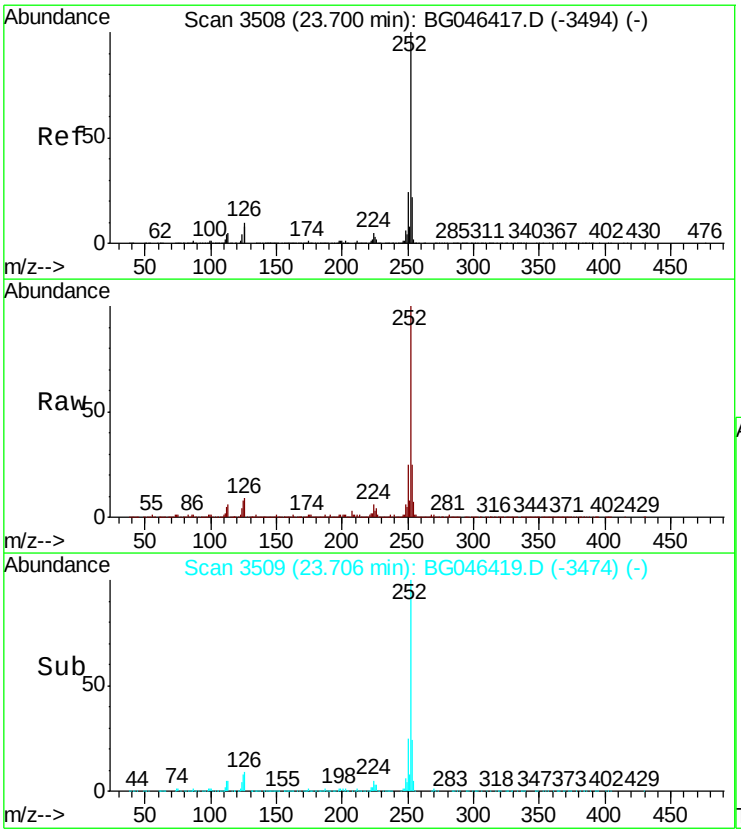
#22
Chrysene
Concen: 32.178 ng/ul
RT: 21.61 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:228 Resp: 979480

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.5	38.3
229	24.6	17.0	25.4

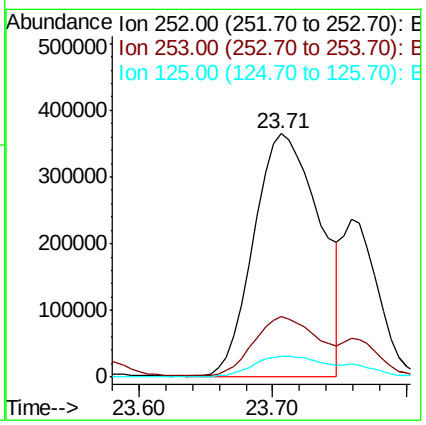


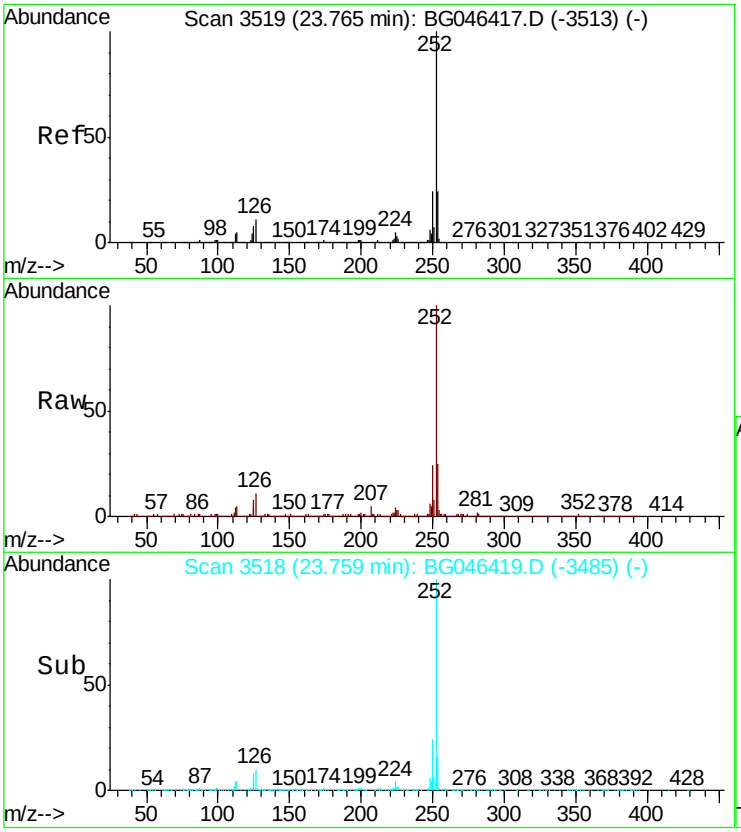


#24
Benzo(b)fluoranthene
Concen: 37.138 ng/ul
RT: 23.71 min Scan# 3509
Delta R.T. 0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:252 Resp: 1247121

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	8.5	6.4	9.6



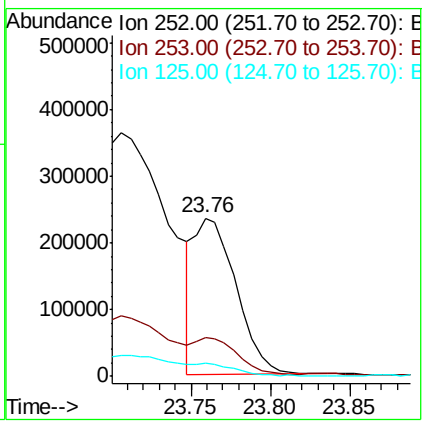


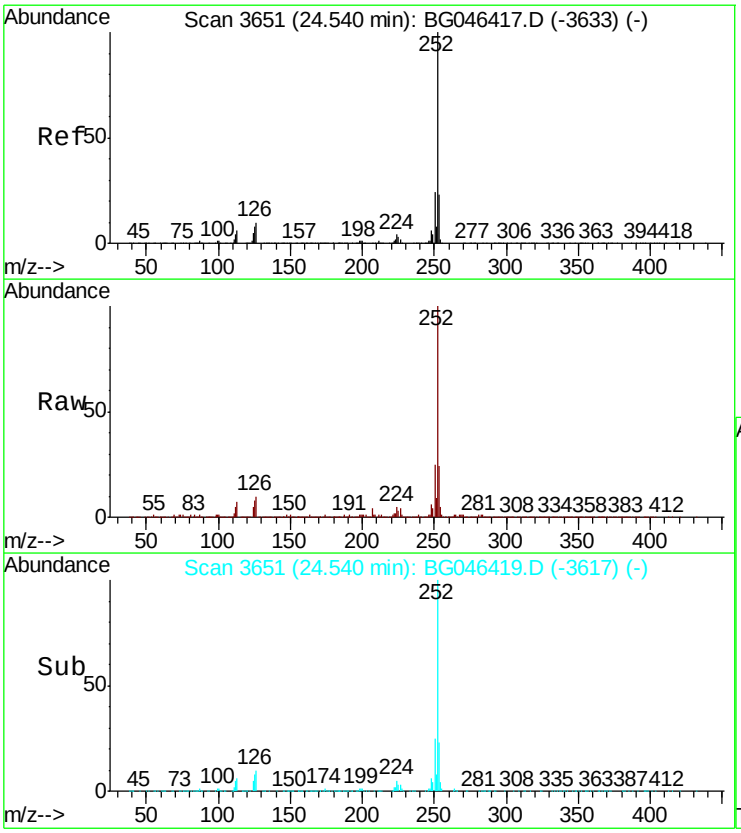
#25
Benzo(k)fluoranthene
Concen: 12.812 ng/ul
RT: 23.76 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:252 Resp: 426781

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.5	27.7
125	8.0	6.2	9.2

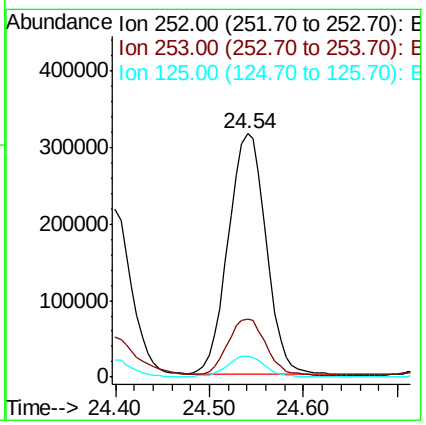


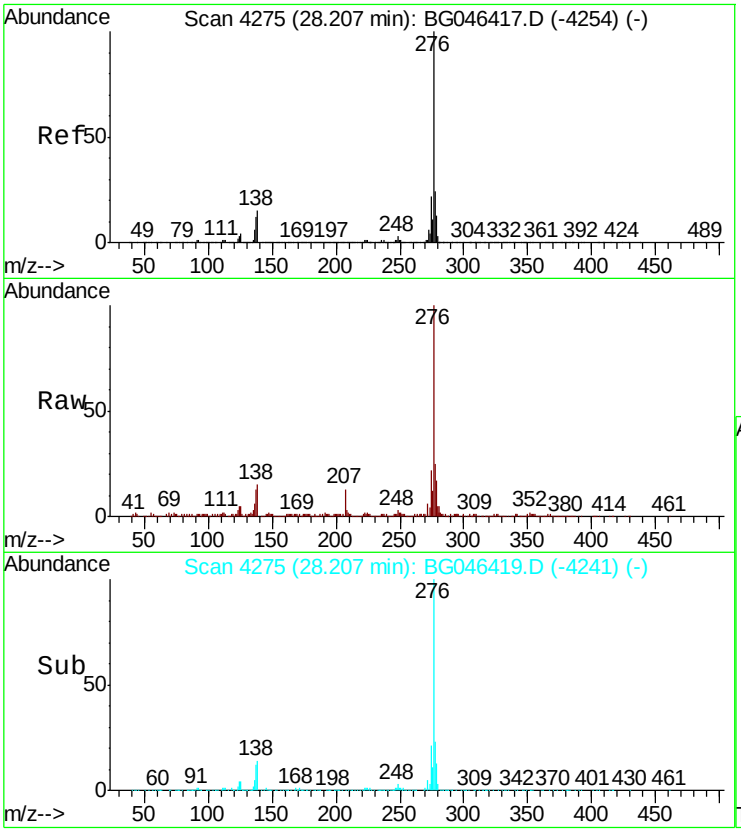


#27
Benzo(a)pyrene
Concen: 28.360 ng/ul
RT: 24.54 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:252 Resp: 874317

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	8.4	7.1	10.7



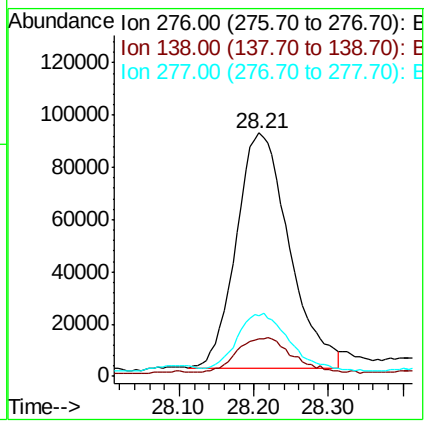


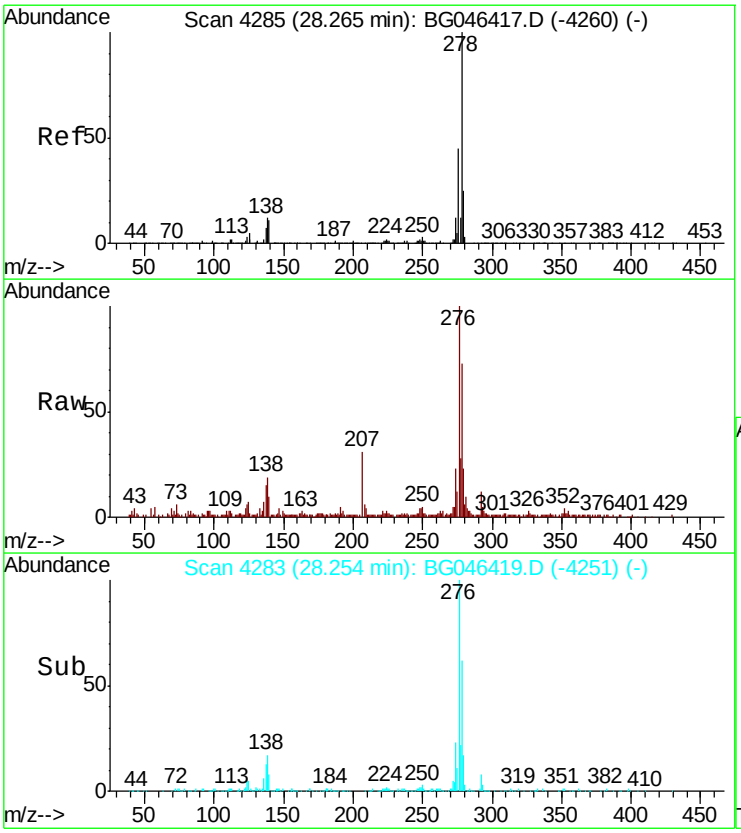
#28
Indeno(1,2,3-cd)pyrene
Concen: 11.409 ng/ul
RT: 28.21 min Scan# 4275
Delta R.T. 0.00 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:276 Resp: 440411

Ion	Ratio	Lower	Upper
276	100		
138	15.2	13.2	19.8
277	24.7	19.9	29.9

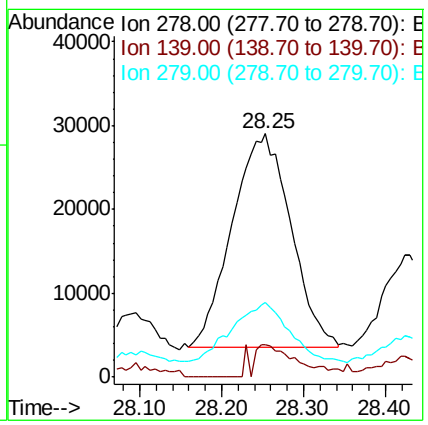


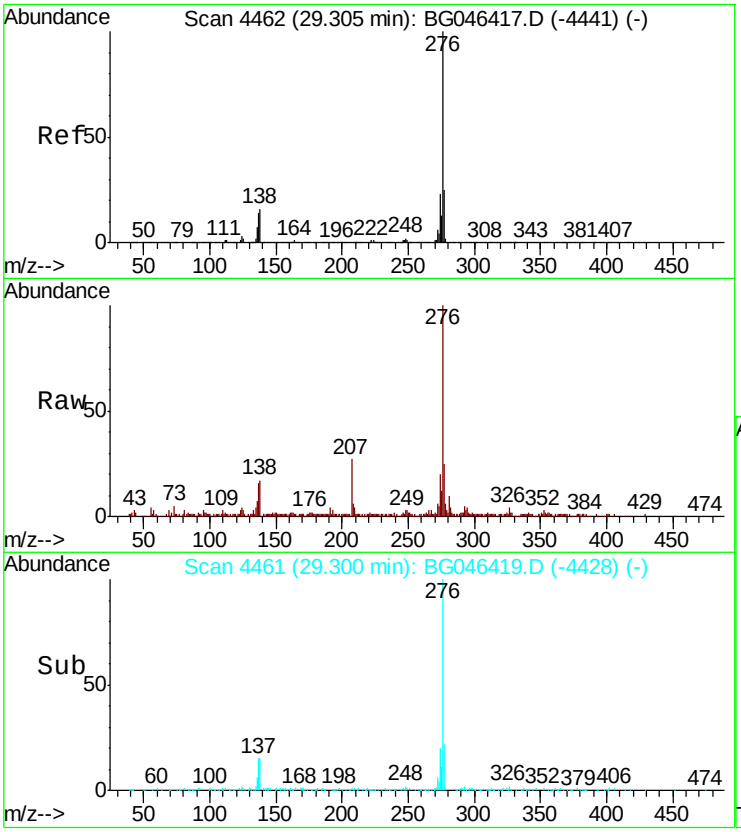


#29
Dibenzo(a,h)anthracene
Concen: 4.059 ng/ul
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Tgt Ion:278 Resp: 127055

Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	30.9	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 7.524 ng/ul
RT: 29.30 min Scan# 4461
Delta R.T. -0.01 min
Lab File: BG046419.D
Acq: 21 Aug 2020 18:42

Instrument :
BNA_G
ClientSampleId :
BFMF0DL

Tgt Ion:276 Resp: 243070

Ion	Ratio	Lower	Upper
276	100		
138	16.6	12.9	19.3
277	25.0	19.4	29.0