Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046337.D
Acq On : 18 Aug 2020 21:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02040

Quant Time: Aug 19 01:11:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:56:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	93500	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	360450	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236755	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	556253	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	578459	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	615581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	131088	21.12	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	461055	21.16	ng/ul	0.00
10) Fluorene-d10	15.56	176	349409	20.93	ng/ul	0.00
15) Anthracene-d10	17.41	188	534230	20.72	ng/ul	0.00
19) Pyrene-d10	19.69	212	629743	21.15	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	699851	20.83	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.78	128	390888	20.848	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	298279	20.869	ng/ul	99
8) Acenaphthylene	14.29	152	464747	20.980	ng/ul	99
9) Acenaphthene	14.63	153	328621	20.774	ng/ul	99
11) Fluorene	15.61	166	384681	20.798	ng/ul	96
13) Pentachlorophenol	16.97	266	96199	20.910	ng/ul	97
14) Phenanthrene	17.35	178	636651	20.805	ng/ul	100
16) Anthracene	17.44	178	638225	20.670	ng/ul	99
17) Fluoranthene	19.36	202	792352	23.221	ng/ul	99
20) Pyrene	19.72	202	781677	20.586	ng/ul	99
21) Benzo(a)anthracene	21.54	228	790554	21.005	ng/ul	99
22) Chrysene	21.60	228	764339	21.008	ng/ul	100
24) Benzo(b)fluoranthene	23.68	252	843929	20.732	ng/ul	99
25) Benzo(k)fluoranthene	23.75	252	835817	20.698	ng/ul	99
27) Benzo(a)pyrene	24.52	252	750470	20.081	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.18	276	957021	20.452	ng/ul	99
29) Dibenzo(a,h)anthracene	28.23	278	793557	20.916	ng/ul	97
30) Benzo(g,h,i)perylene	29.26	276	750542	19.165	ng/ul	100

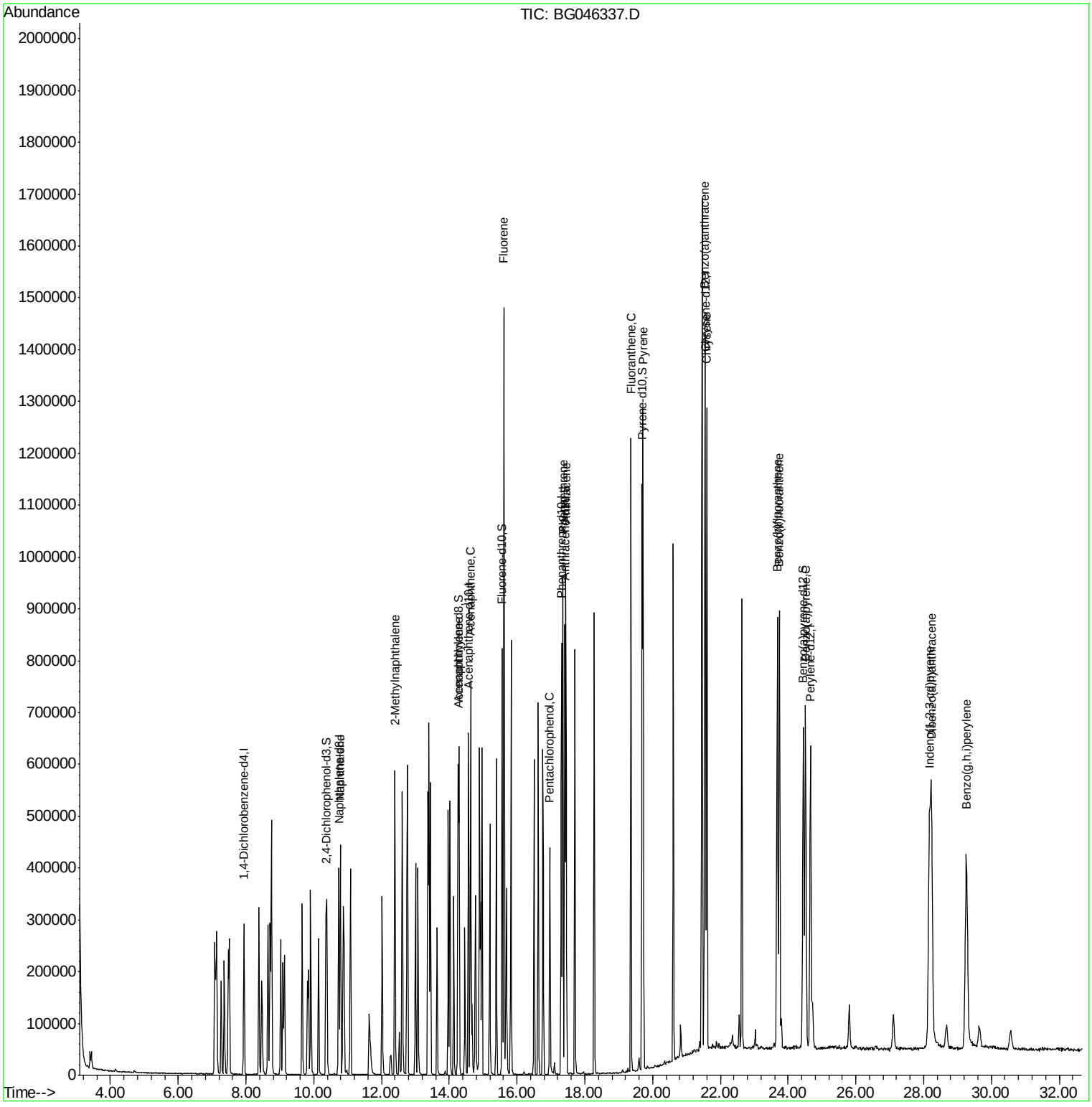
(#) = qualifier out of range (m) = manual integration (+) = signals summed

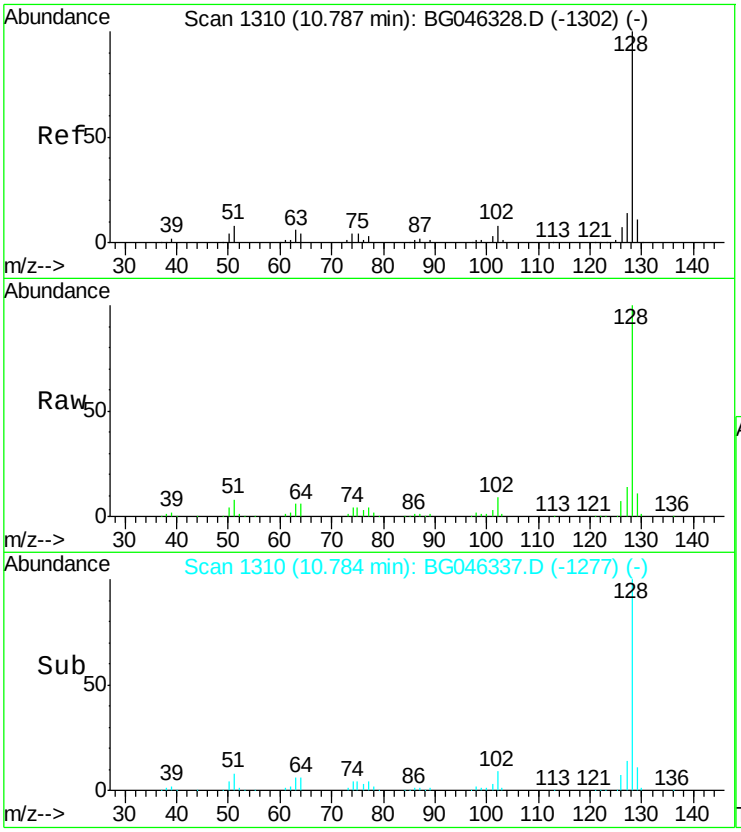
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046337.D
Acq On : 18 Aug 2020 21:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Quant Time: Aug 19 01:11:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 19 00:56:05 2020
Response via : Initial Calibration



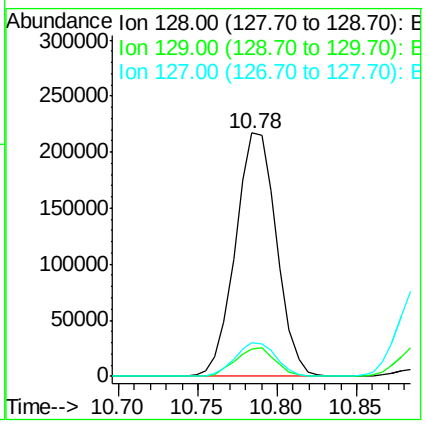


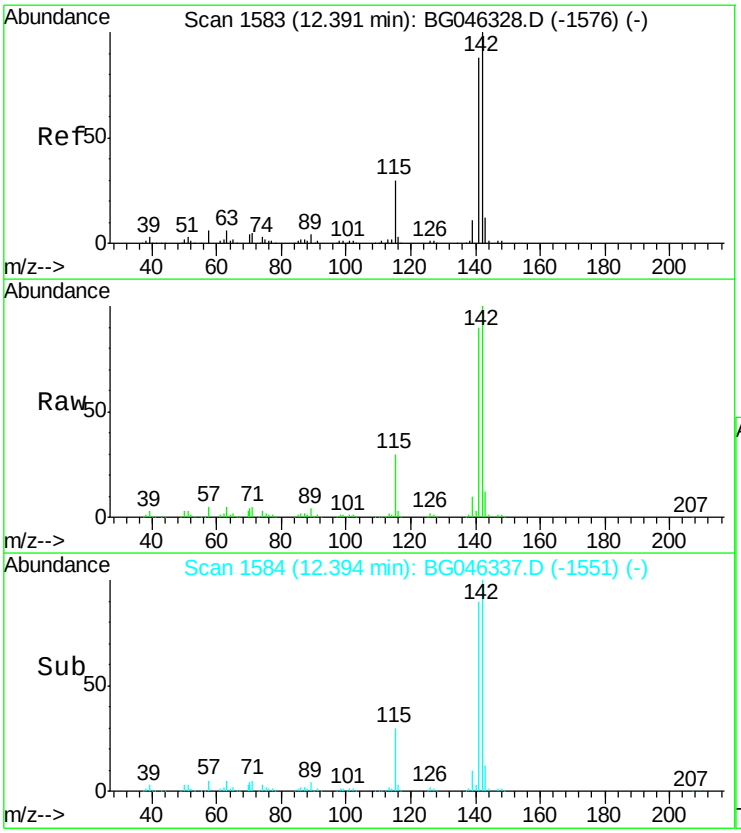
#4
Naphthalene
Concen: 20.848 ng/ul
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:128 Resp: 390888

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.8	10.9	16.3

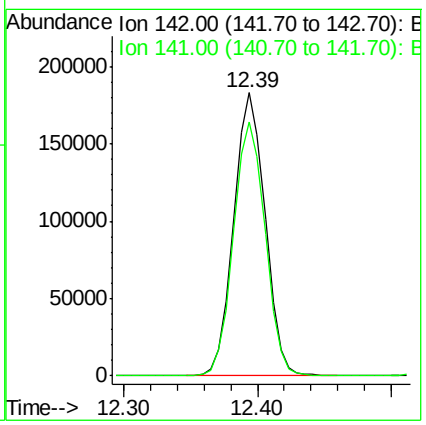


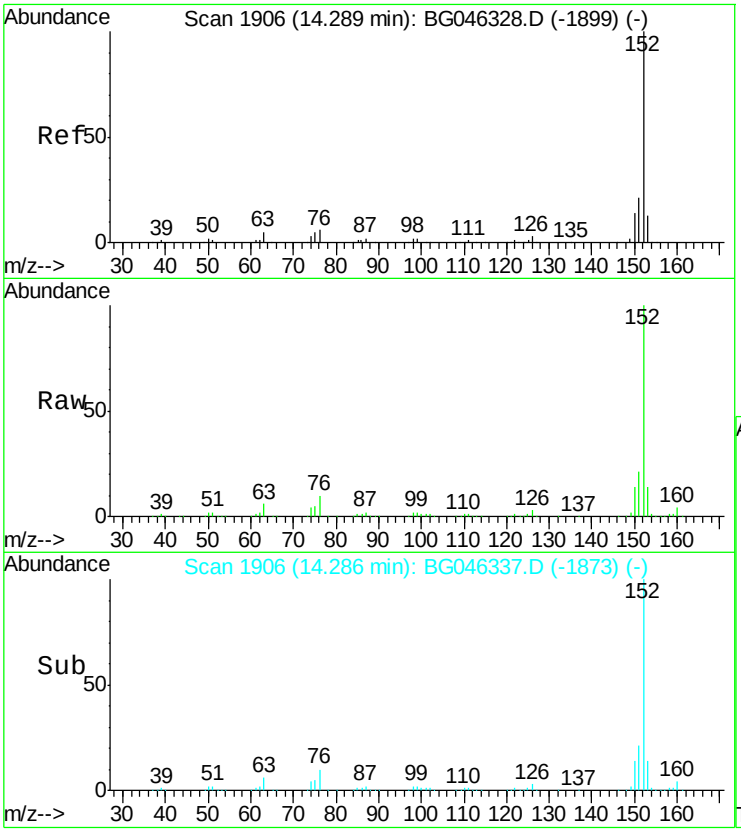


#5
2-Methylnaphthalene
Concen: 20.869 ng/ul
RT: 12.39 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:142 Resp: 298279

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.5	108.7



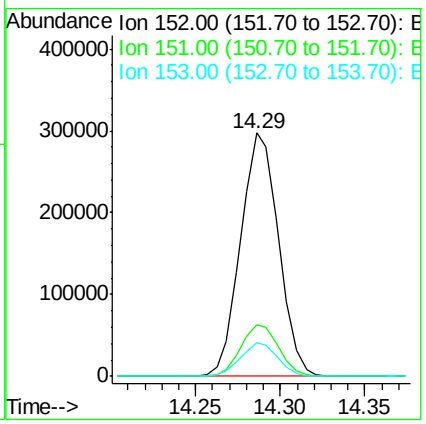


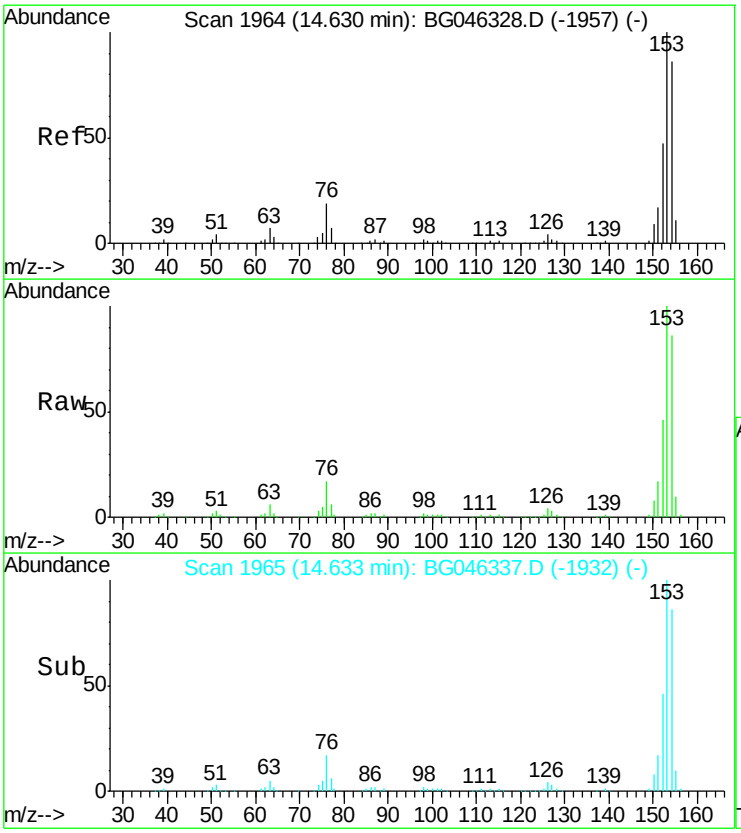
#8
Acenaphthylene
Concen: 20.980 ng/ul
RT: 14.29 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:152 Resp: 464747

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.5	24.7
153	14.0	11.0	16.6

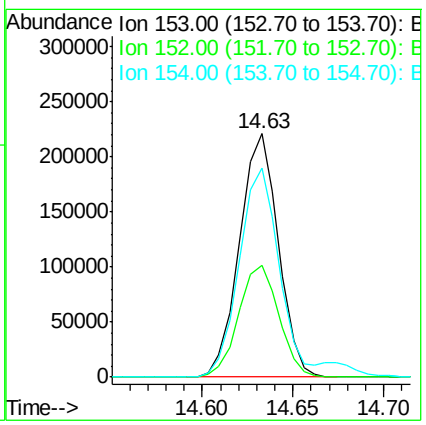


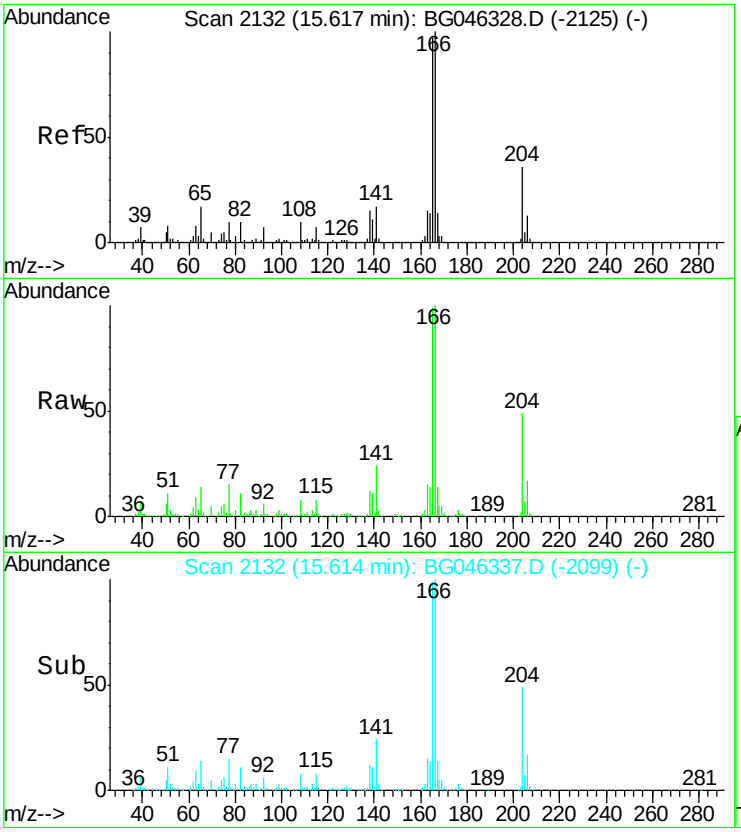


#9
Acenaphthene
Concen: 20.774 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:153 Resp: 328621

Ion	Ratio	Lower	Upper
153	100		
152	46.0	37.2	55.8
154	85.8	67.8	101.6



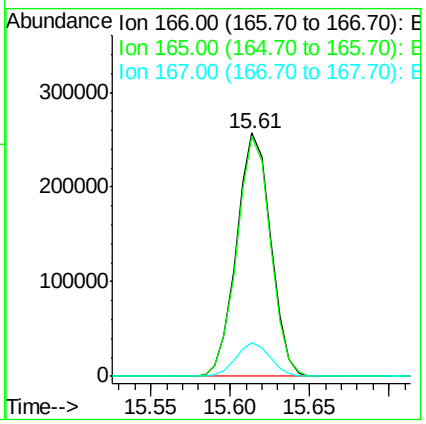


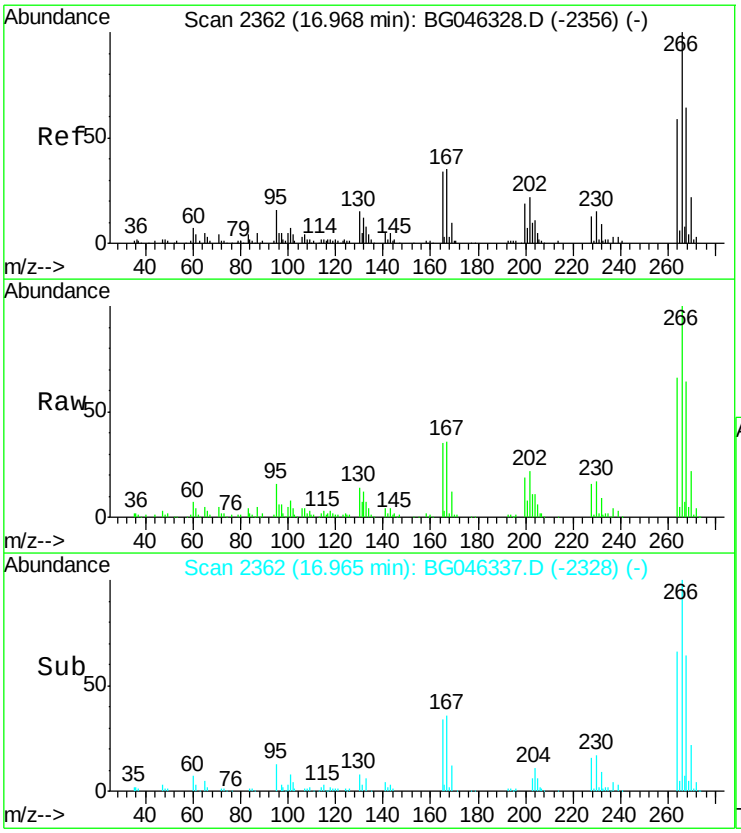
#11
Fluorene
Concen: 20.798 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:166 Resp: 384681

Ion	Ratio	Lower	Upper
166	100		
165	98.6	75.9	113.9
167	14.1	10.7	16.1

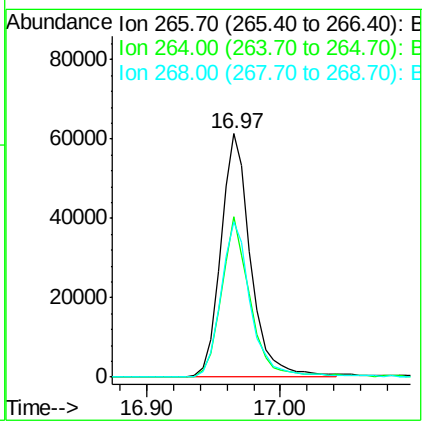


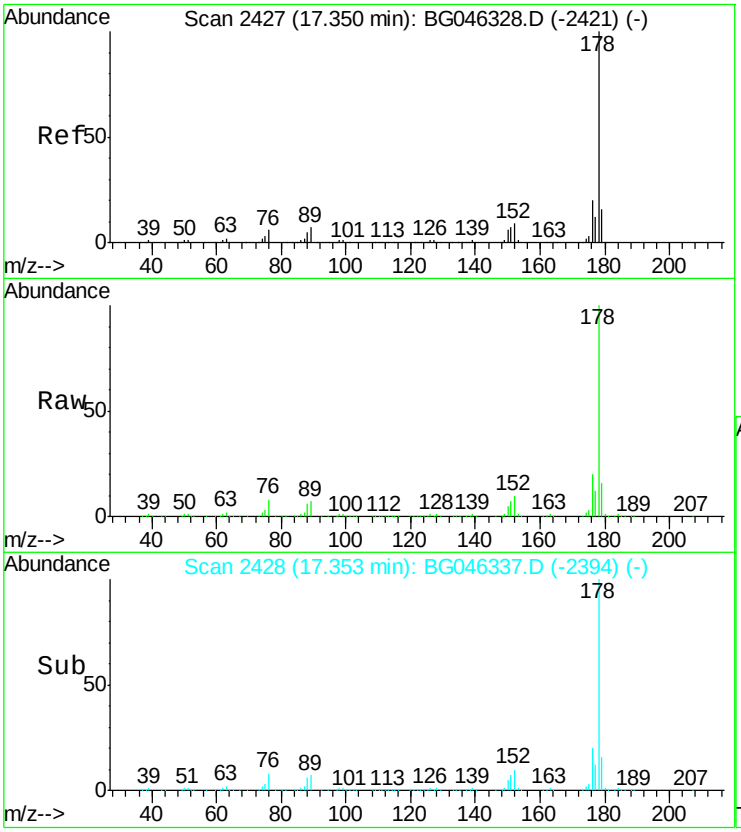


#13
Pentachlorophenol
Concen: 20.910 ng/ul
RT: 16.97 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:266 Resp: 96199

Ion	Ratio	Lower	Upper
266	100		
264	65.9	50.2	75.2
268	63.8	49.7	74.5



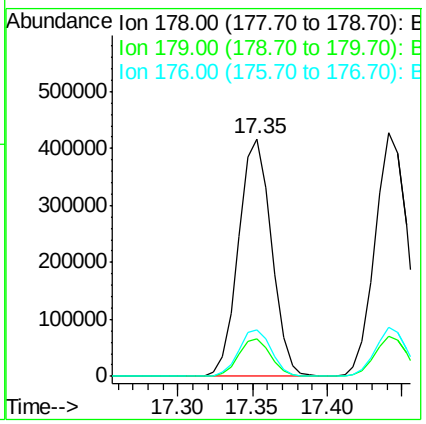


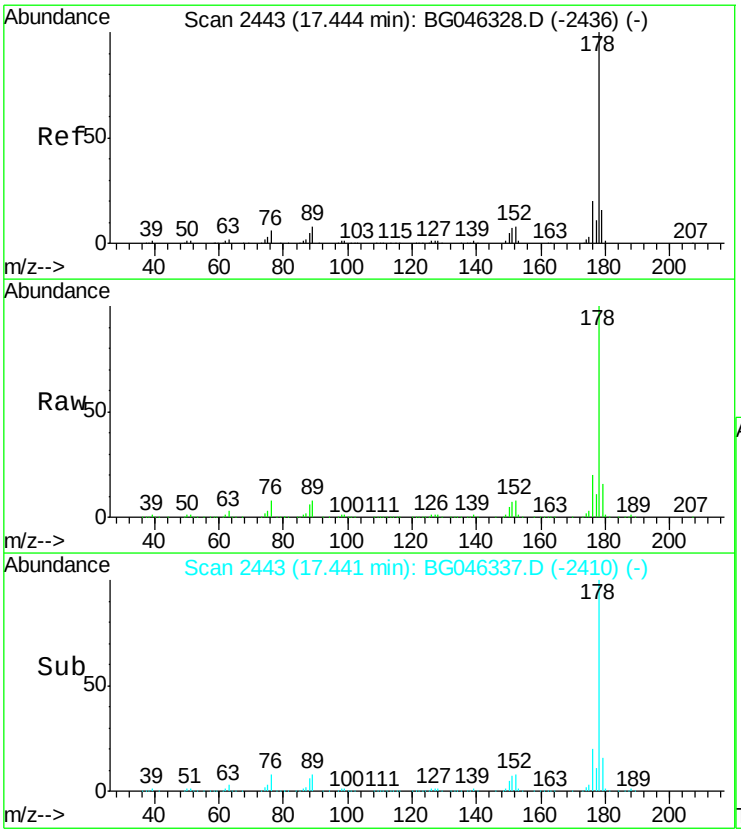
#14
Phenanthrene
Concen: 20.805 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:178 Resp: 636651

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.7	15.8	23.8

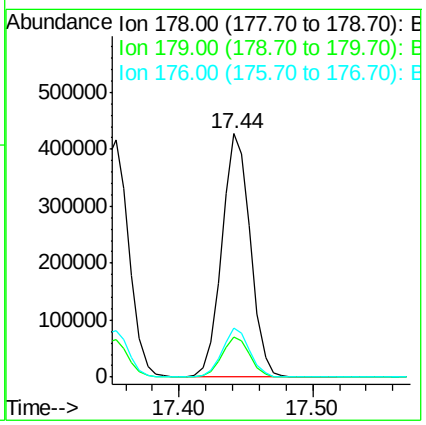


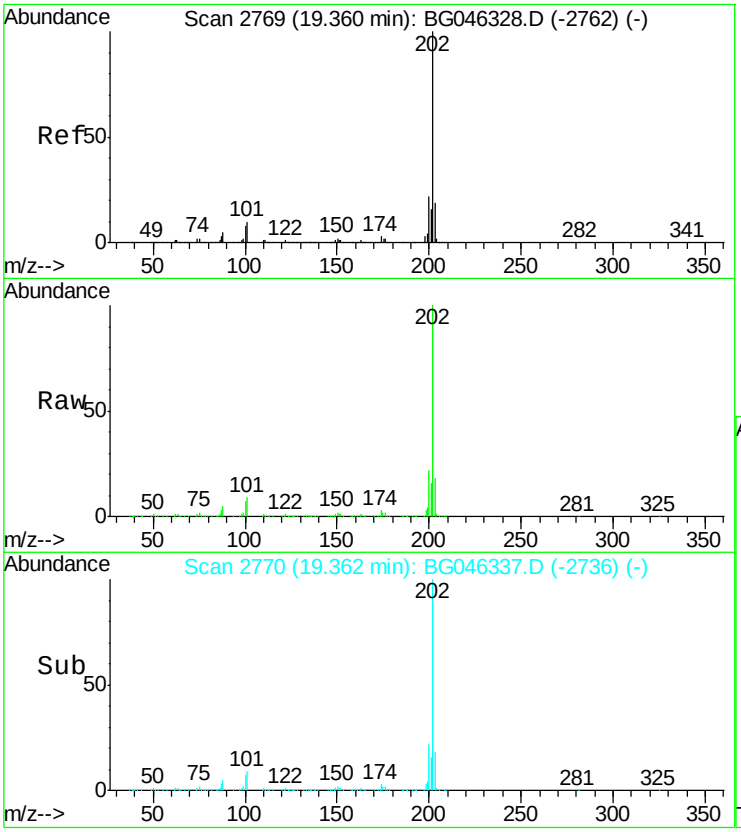


#16
Anthracene
Concen: 20.670 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:178 Resp: 638225

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	20.0	15.2	22.8



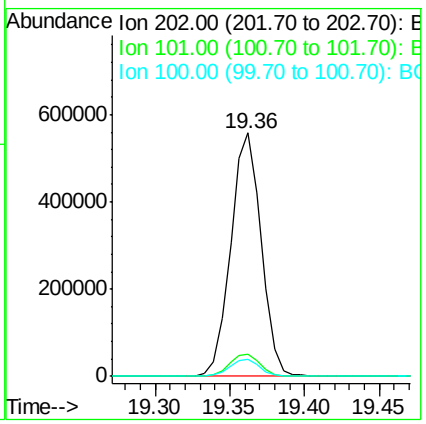


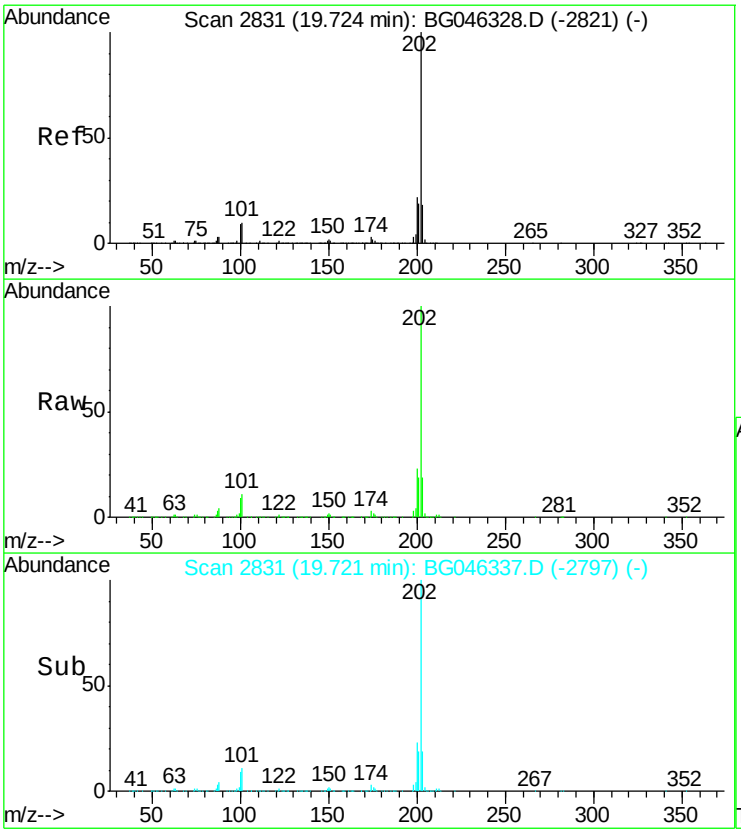
#17
Fluoranthene
Concen: 23.221 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:202 Resp: 792352

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.8	11.6
100	7.1	5.9	8.9

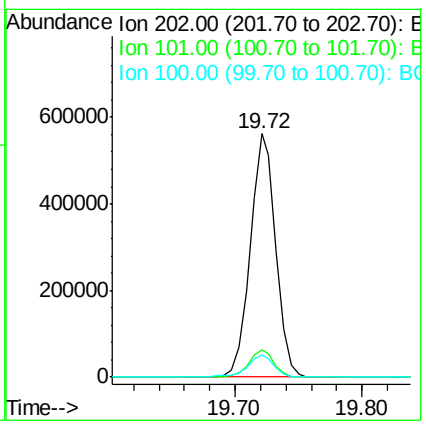


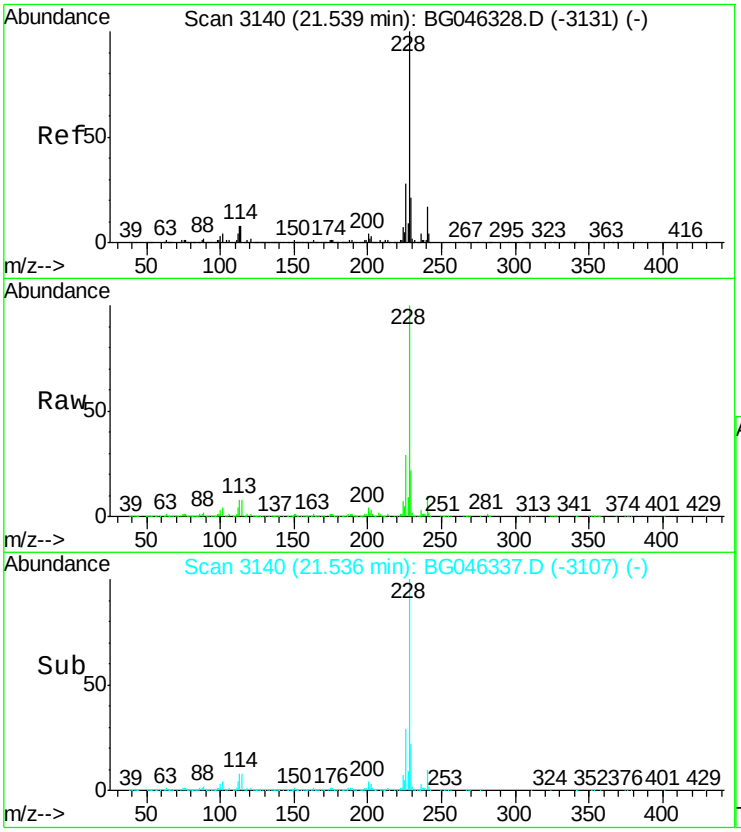


#20
Pyrene
Concen: 20.586 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:202 Resp: 781677

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	9.3	7.9	11.9



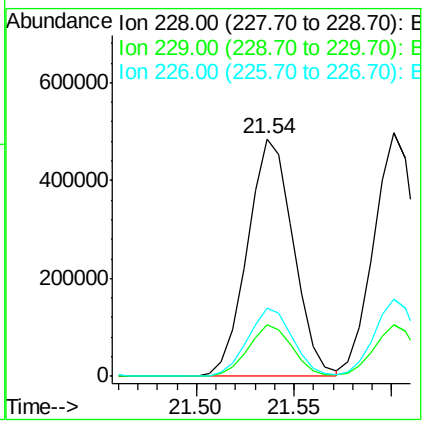


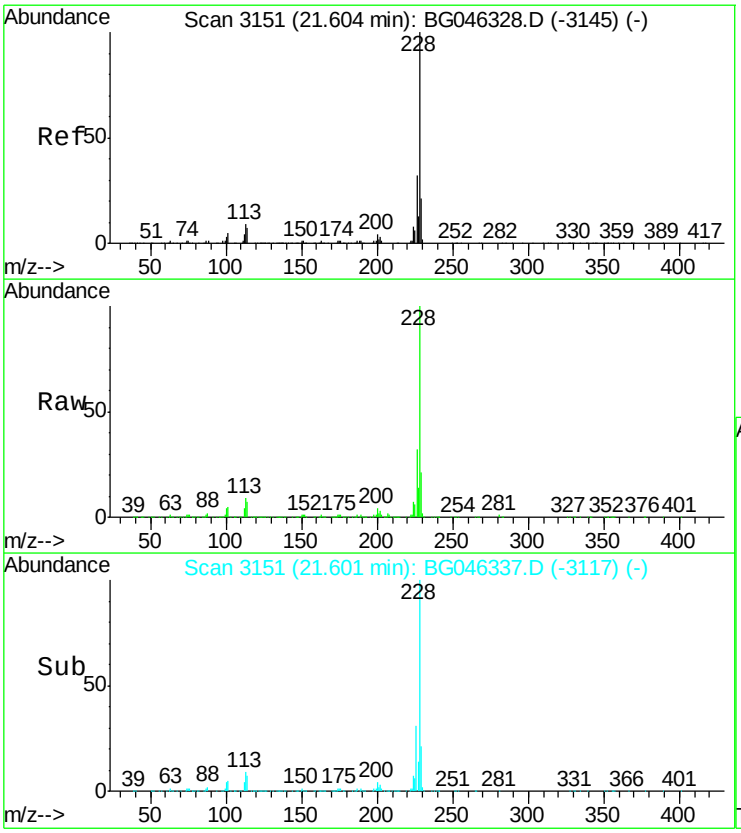
#21
Benzo(a)anthracene
Concen: 21.005 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:228 Resp: 790554

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.6	25.0
226	28.8	22.6	33.8

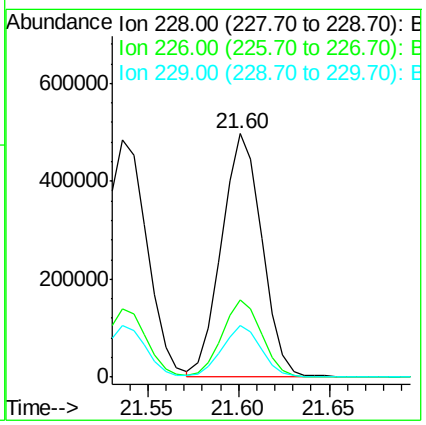


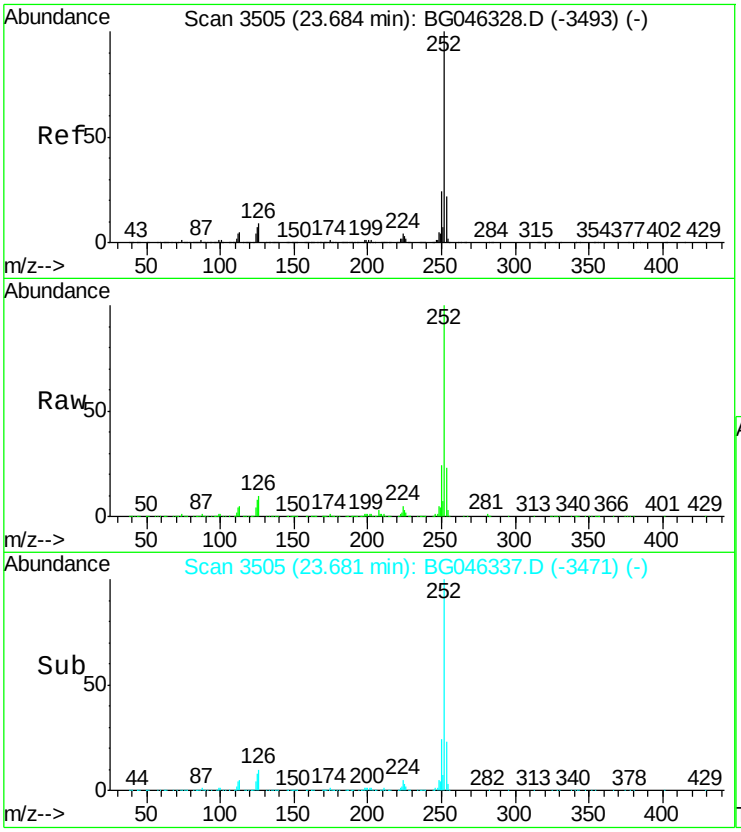


#22
Chrysene
Concen: 21.008 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:228 Resp: 764339

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.5	38.3
229	21.2	17.0	25.4



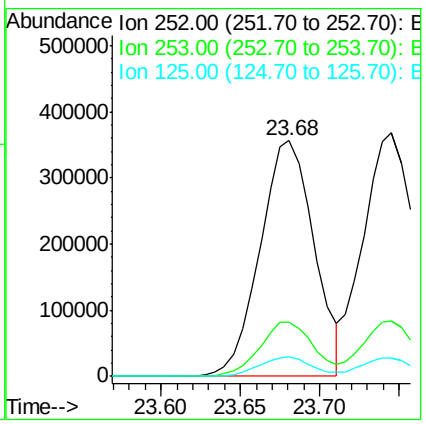


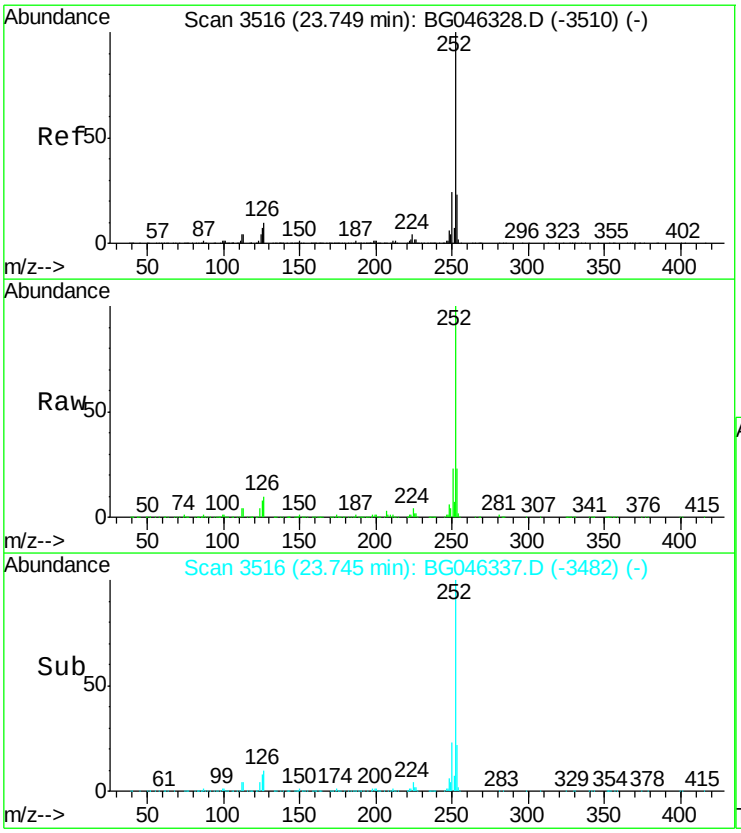
#24
Benzo(b)fluoranthene
Concen: 20.732 ng/ul
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:252 Resp: 843929

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	8.1	6.4	9.6

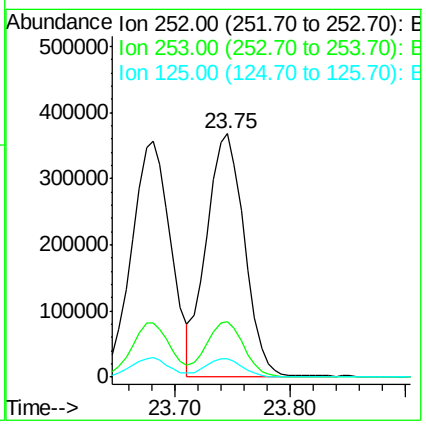


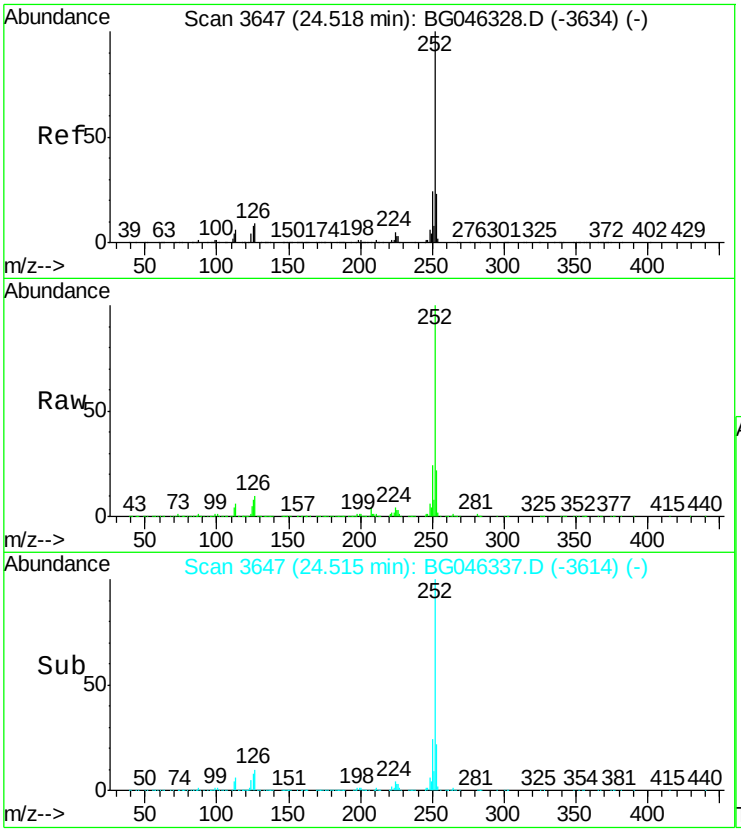


#25
Benzo(k)fluoranthene
Concen: 20.698 ng/ul
RT: 23.75 min Scan# 3516
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:252 Resp: 835817

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	7.6	6.2	9.2



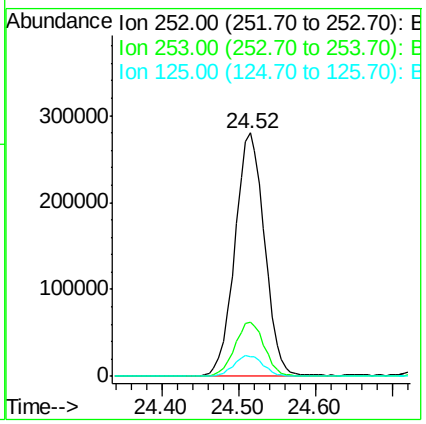


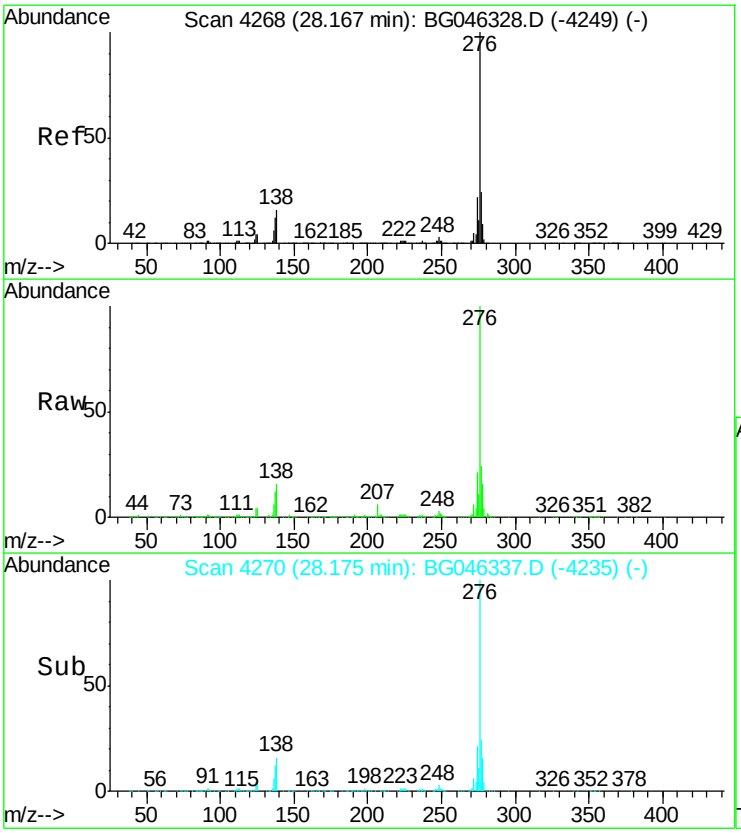
#27
Benzo(a)pyrene
Concen: 20.081 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:252 Resp: 750470

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	8.1	7.1	10.7

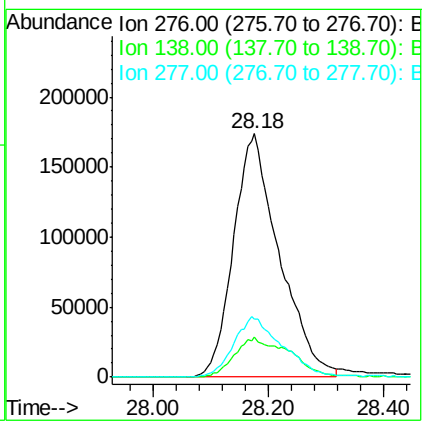


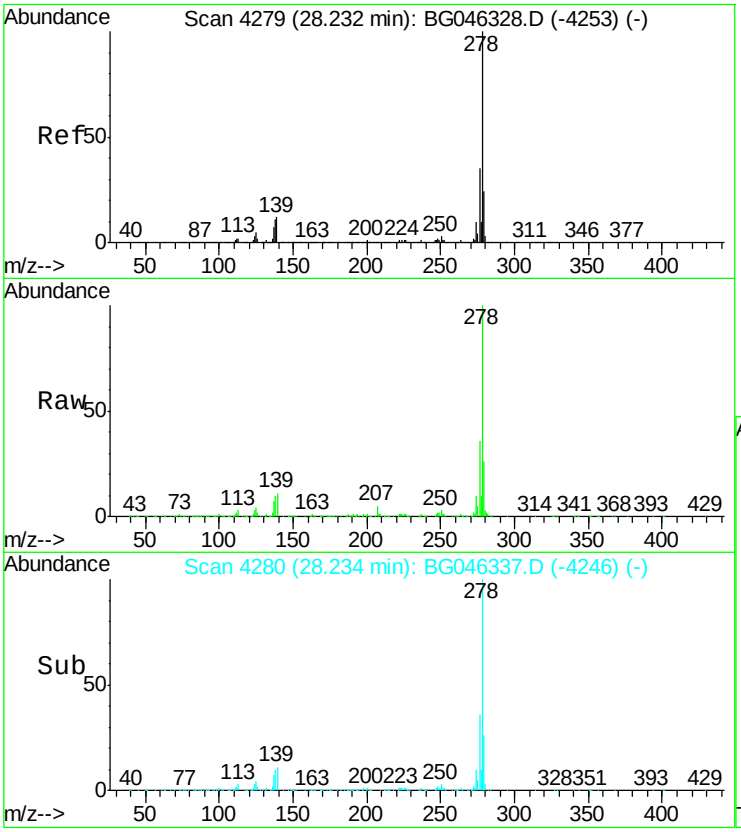


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.452 ng/ul
RT: 28.18 min Scan# 4270
Delta R.T. 0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:276 Resp: 957021

Ion	Ratio	Lower	Upper
276	100		
138	16.4	13.2	19.8
277	23.9	19.9	29.9



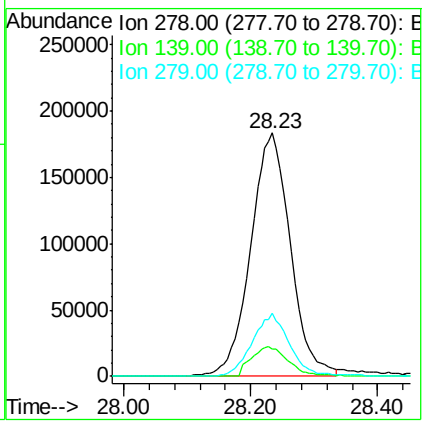


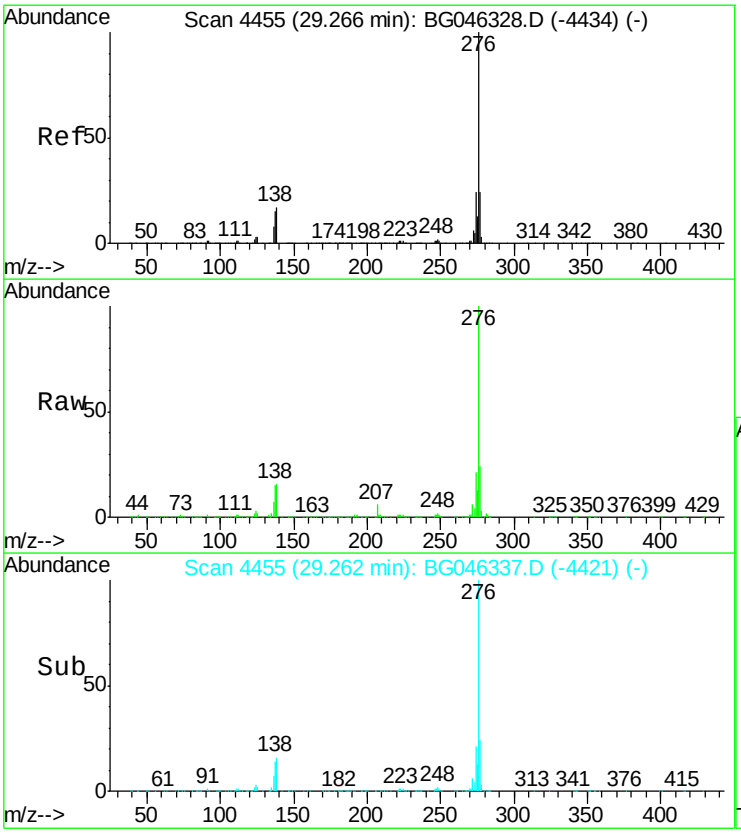
#29
Dibenzo(a,h)anthracene
Concen: 20.916 ng/ul
RT: 28.23 min Scan# 4280
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Instrument :
BNA_G
ClientSampleId :
SSTD02040

Tgt Ion:278 Resp: 793557

Ion	Ratio	Lower	Upper
278	100		
139	11.4	9.8	14.8
279	26.0	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 19.165 ng/ul
RT: 29.26 min Scan# 4455
Delta R.T. -0.00 min
Lab File: BG046337.D
Acq: 18 Aug 2020 21:13

Tgt Ion:276 Resp: 750542

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.9	19.3
277	24.2	19.4	29.0