Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046429.D
Acq On : 22 Aug 2020 1:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02049

Quant Time: Aug 22 02:26:50 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	86998	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	358973	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	232585	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	519430	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	514711	20.00	ng/ul	0.00
23) Perylene-d12	24.68	264	512738	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	125934	20.37	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	423327	19.78	ng/ul	0.00
10) Fluorene-d10	15.56	176	320391	19.53	ng/ul	0.00
15) Anthracene-d10	17.41	188	465443	19.33	ng/ul	0.00
19) Pyrene-d10	19.70	212	528339	19.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.46	264	562220	20.09	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.79	128	364541	19.523	ng/ul	100
5) 2-Methylnaphthalene	12.40	142	281716	19.791	ng/ul	99
8) Acenaphthylene	14.29	152	434354	19.959	ng/ul	99
9) Acenaphthene	14.63	153	303437	19.526	ng/ul	99
11) Fluorene	15.62	166	351231	19.330	ng/ul	99
13) Pentachlorophenol	16.97	266	73990	17.223	ng/ul	98
14) Phenanthrene	17.35	178	555037	19.423	ng/ul	100
16) Anthracene	17.45	178	562032	19.493	ng/ul	99
17) Fluoranthene	19.36	202	670730	21.050	ng/ul	99
20) Pyrene	19.73	202	670511	19.846	ng/ul	98
21) Benzo(a)anthracene	21.54	228	663283	19.806	ng/ul	100
22) Chrysene	21.61	228	640815	19.794	ng/ul	100
24) Benzo(b)fluoranthene	23.69	252	689688	20.341	ng/ul	98
25) Benzo(k)fluoranthene	23.75	252	673971	20.038	ng/ul	99
27) Benzo(a)pyrene	24.53	252	597611	19.198	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.20	276	627234	16.093	ng/ul	98
29) Dibenzo(a,h)anthracene	28.25	278	553512	17.515	ng/ul	98
30) Benzo(g,h,i)perylene	29.29	276	471797	14.464	ng/ul	98

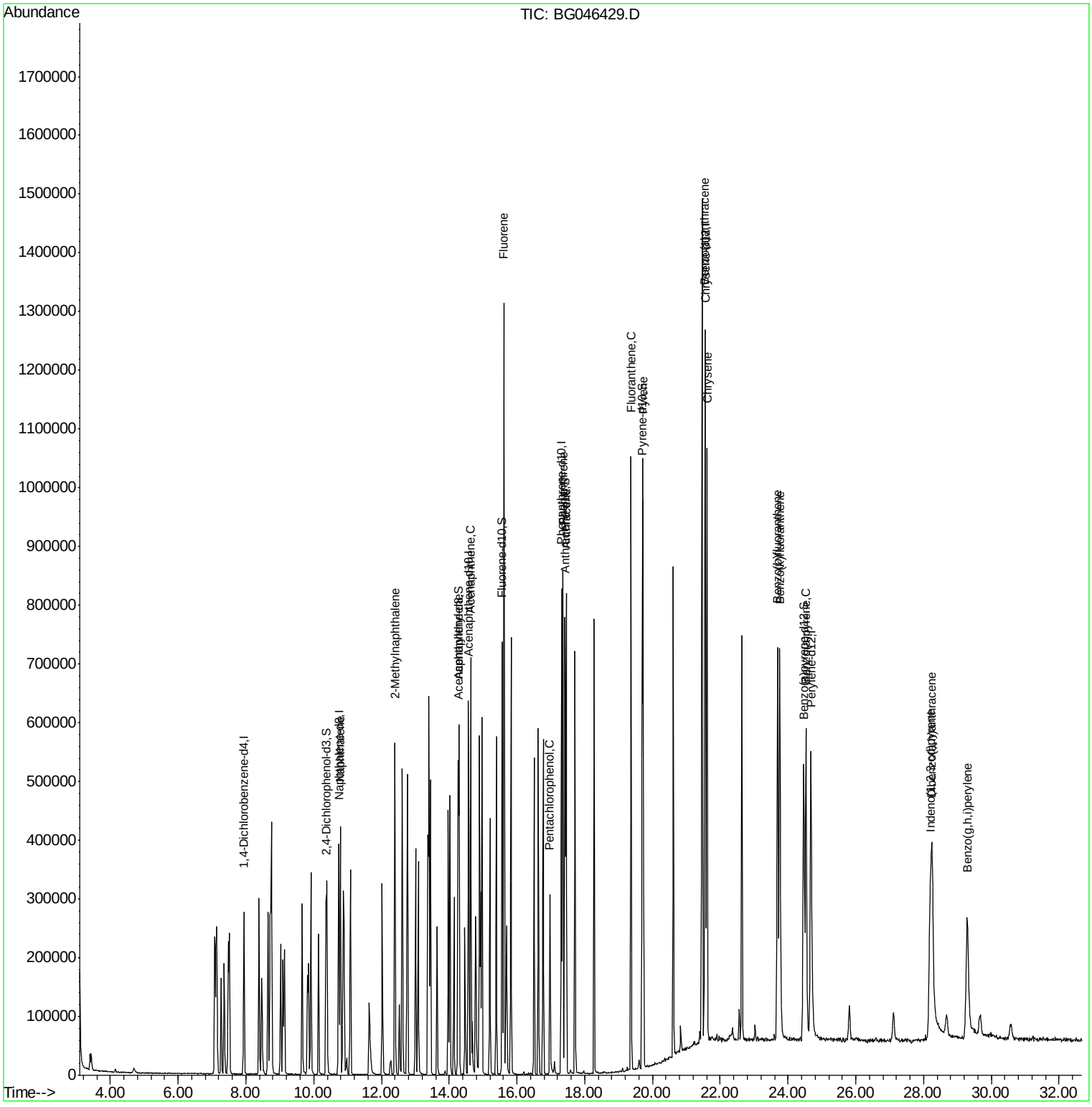
(#) = qualifier out of range (m) = manual integration (+) = signals summed

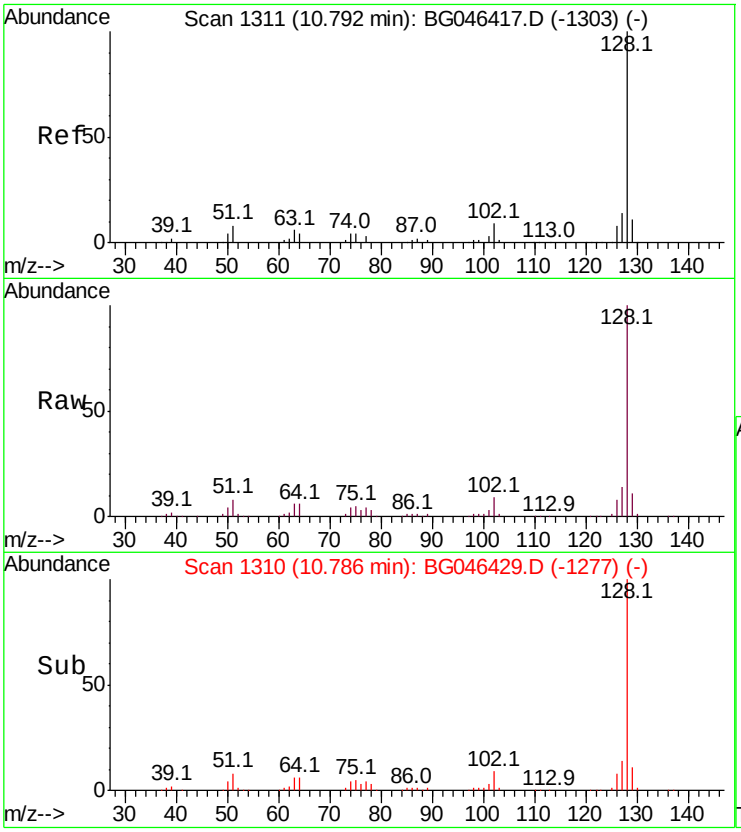
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046429.D
Acq On : 22 Aug 2020 1:28
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Quant Time: Aug 22 02:26:50 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



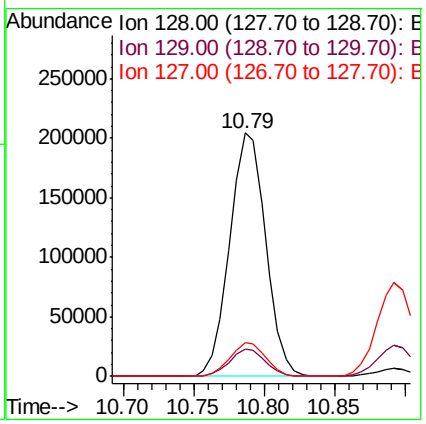


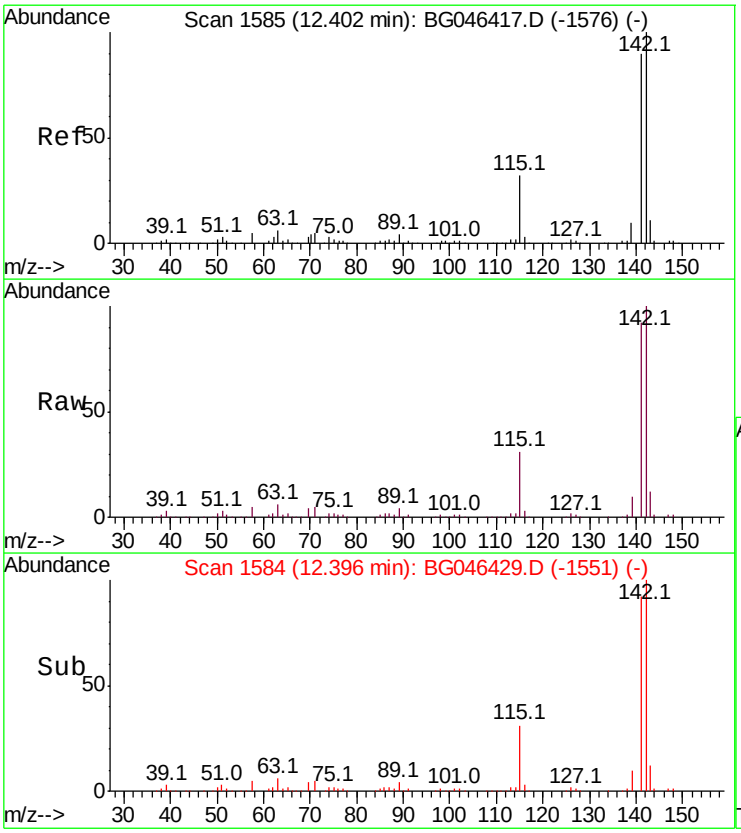
#4
Naphthalene
Concen: 19.523 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:128 Resp: 364541

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	10.9	16.3

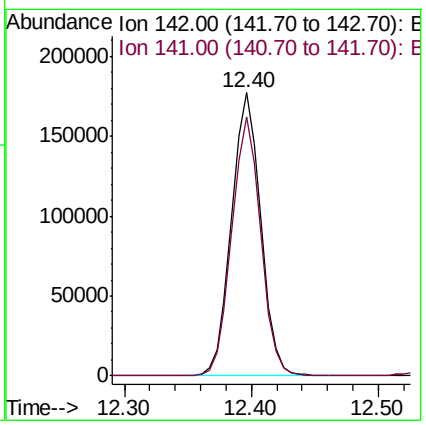


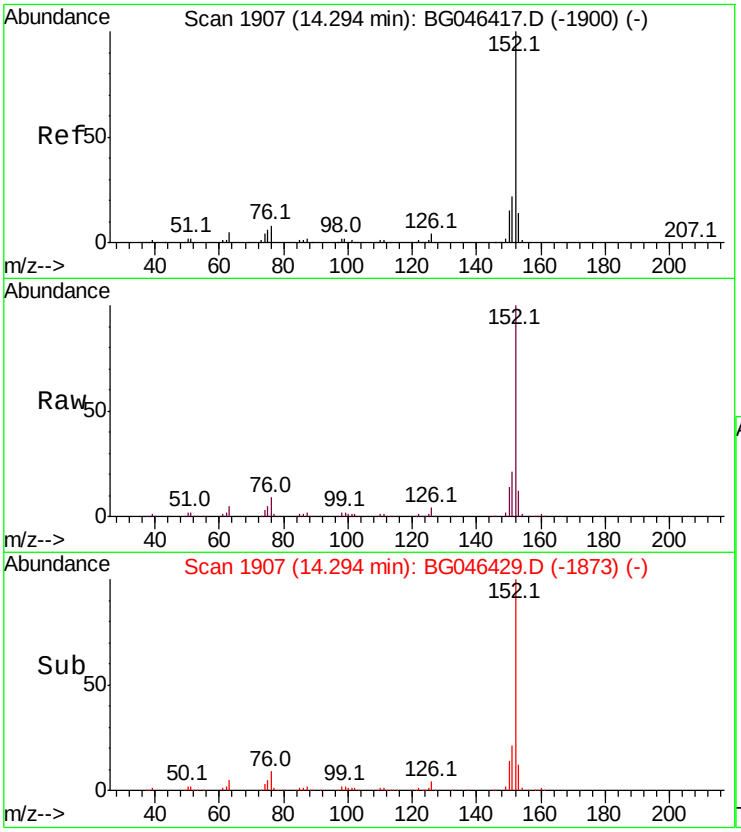


#5
2-Methylnaphthalene
Concen: 19.791 ng/ul
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:142 Resp: 281716

Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.5	108.7



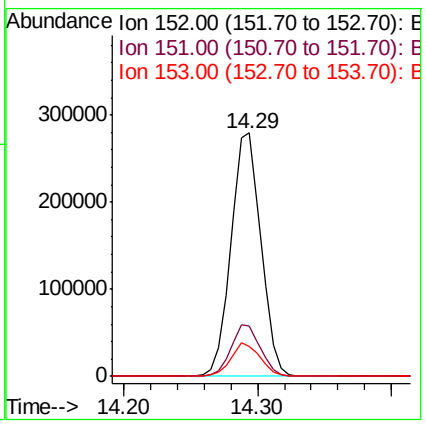


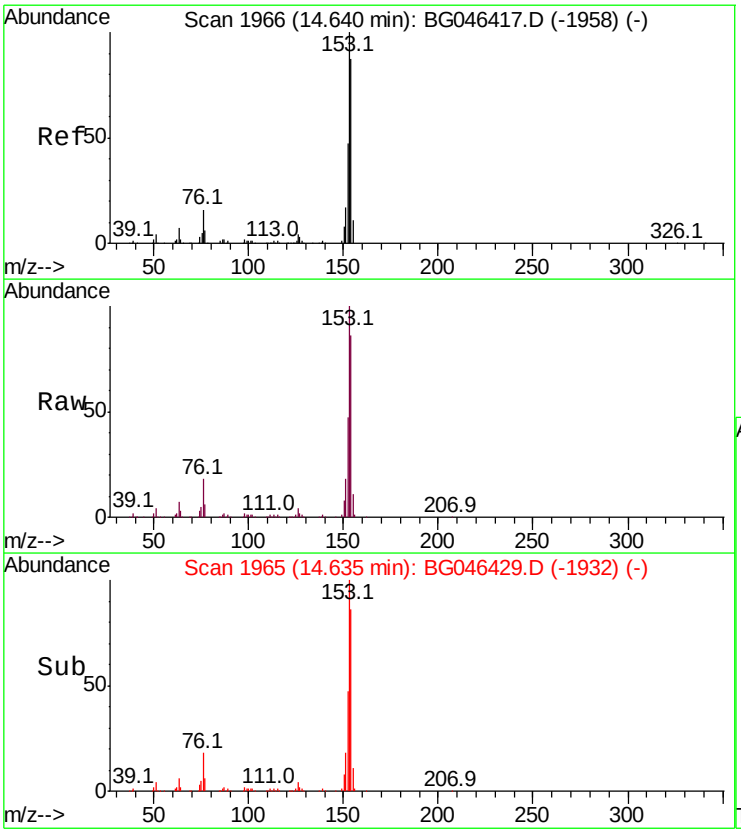
#8
Acenaphthylene
Concen: 19.959 ng/ul
RT: 14.29 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:152 Resp: 434354

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.5	24.7
153	12.5	11.0	16.6

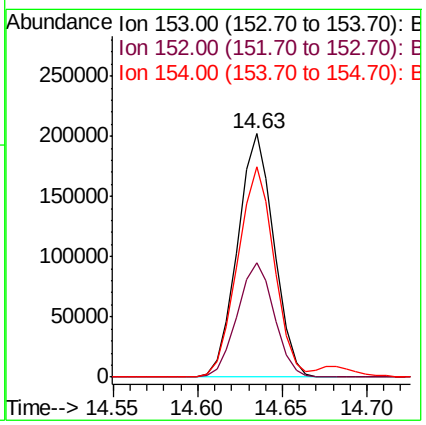


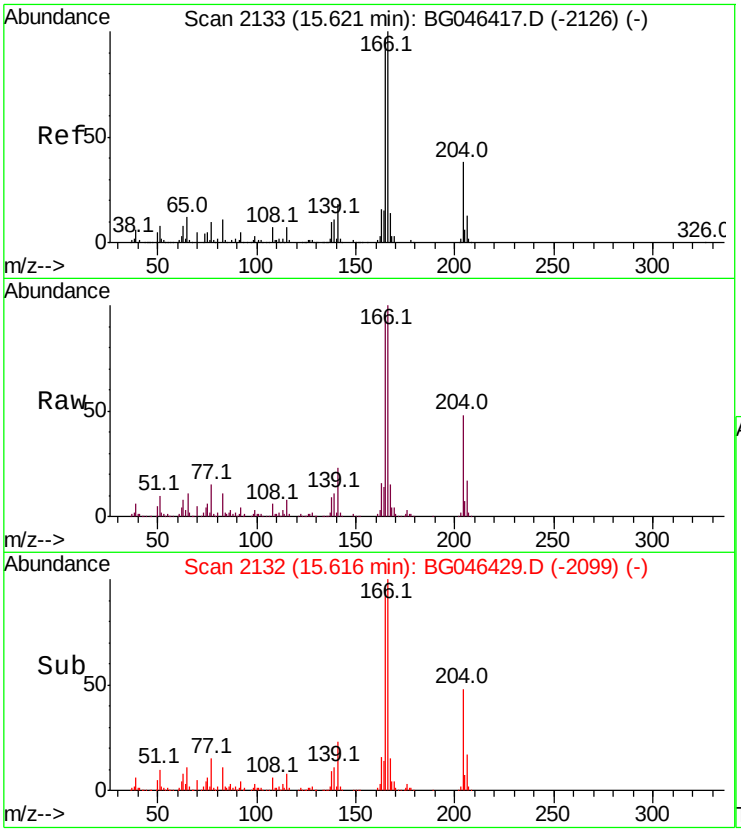


#9
Acenaphthene
Concen: 19.526 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:153 Resp: 303437

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.2	55.8
154	86.3	67.8	101.6



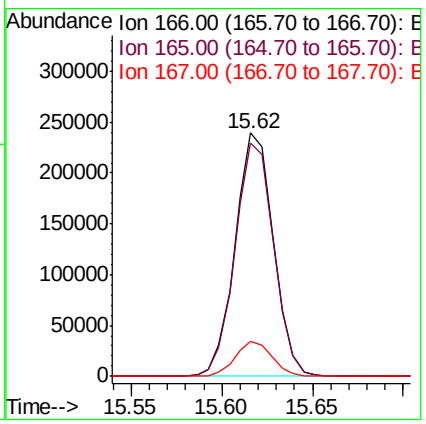


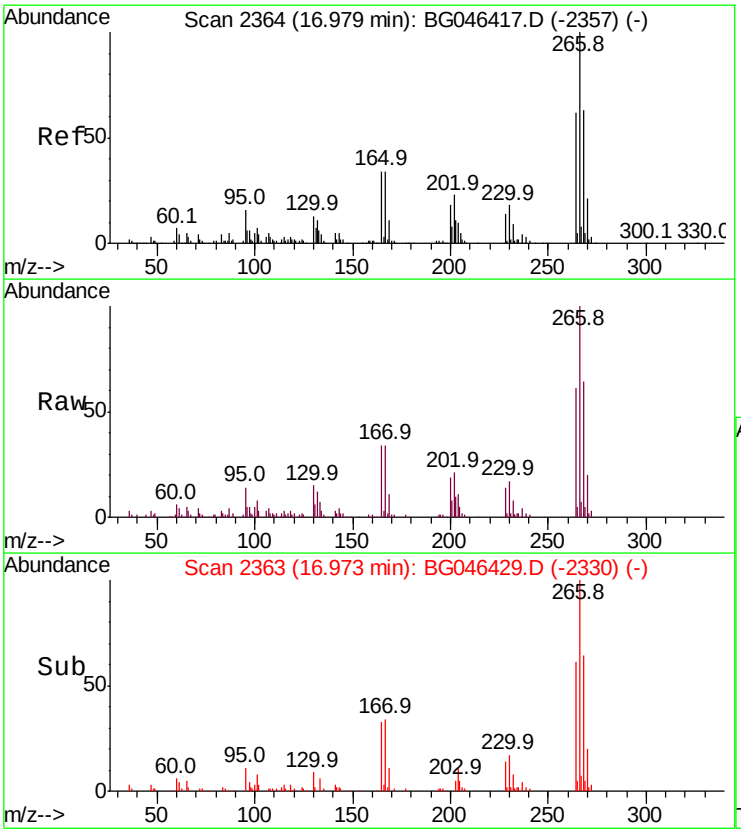
#11
Fluorene
Concen: 19.330 ng/ul
RT: 15.62 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:166 Resp: 351231

Ion	Ratio	Lower	Upper
166	100		
165	95.9	75.9	113.9
167	14.6	10.7	16.1

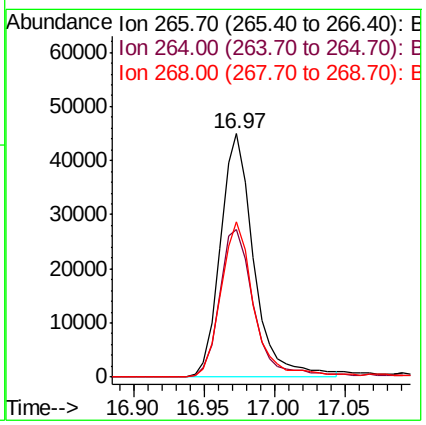


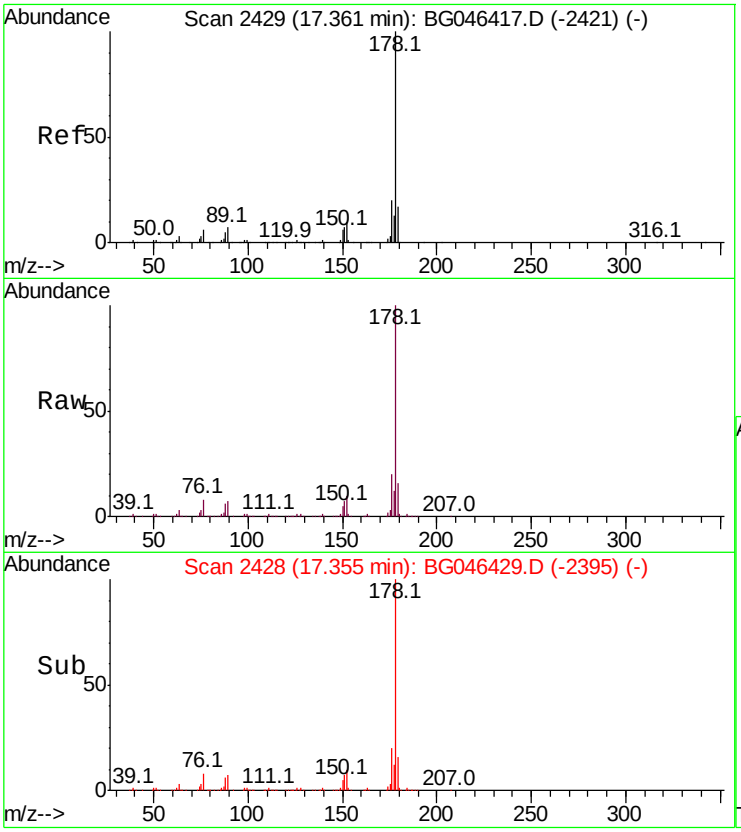


#13
Pentachlorophenol
Concen: 17.223 ng/ul
RT: 16.97 min Scan# 2363
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:266 Resp: 73990

Ion	Ratio	Lower	Upper
266	100		
264	60.8	50.2	75.2
268	63.8	49.7	74.5



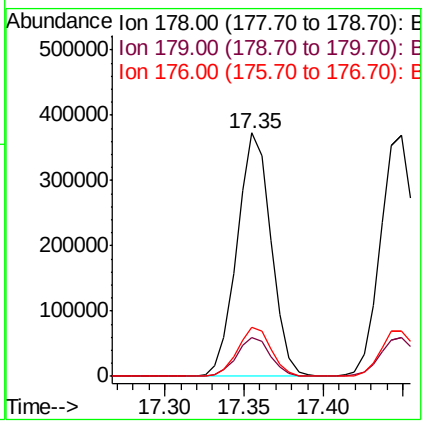


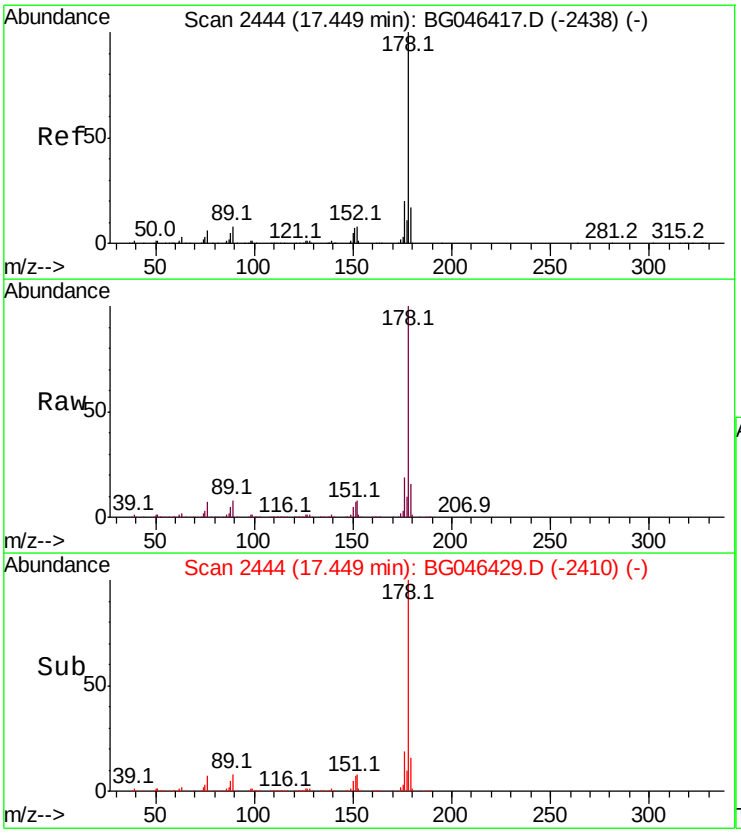
#14
Phenanthrene
Concen: 19.423 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:178 Resp: 555037

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.9	15.8	23.8

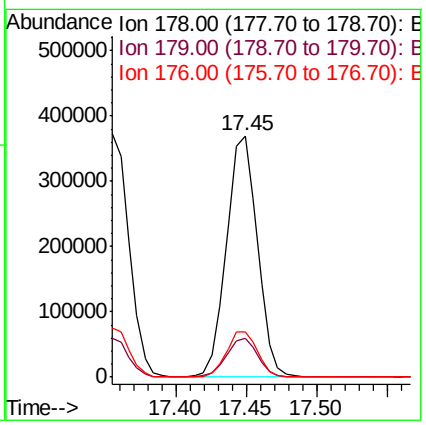


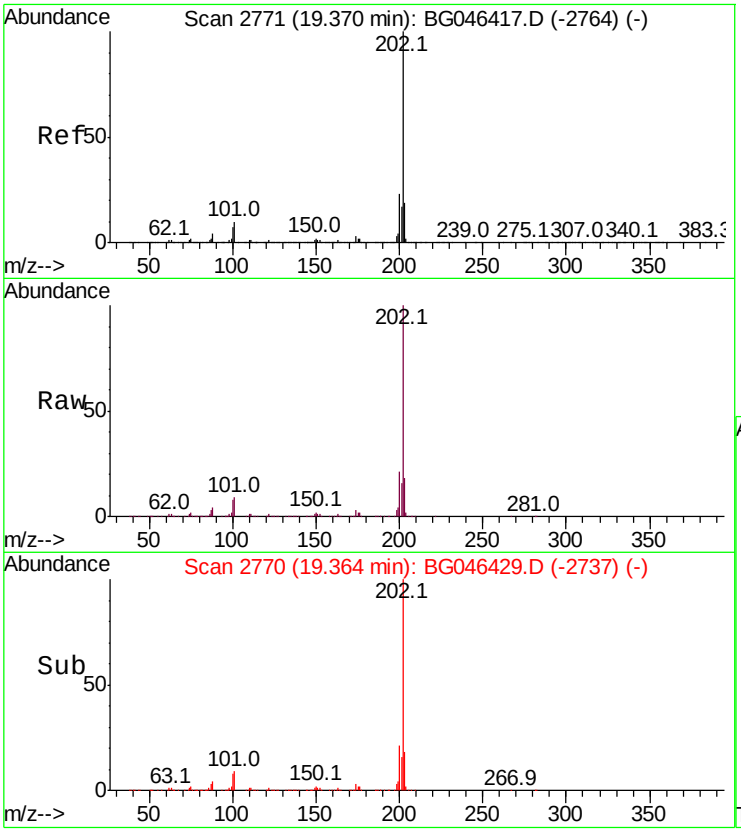


#16
Anthracene
Concen: 19.493 ng/ul
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:178 Resp: 562032

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	18.9	15.2	22.8



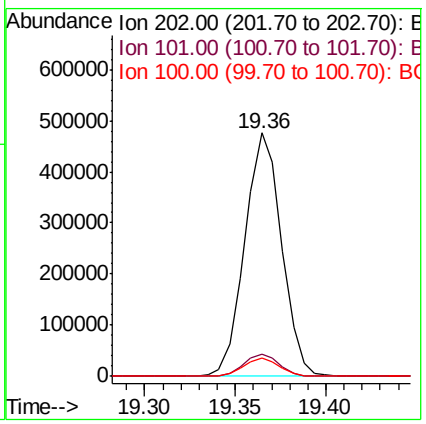


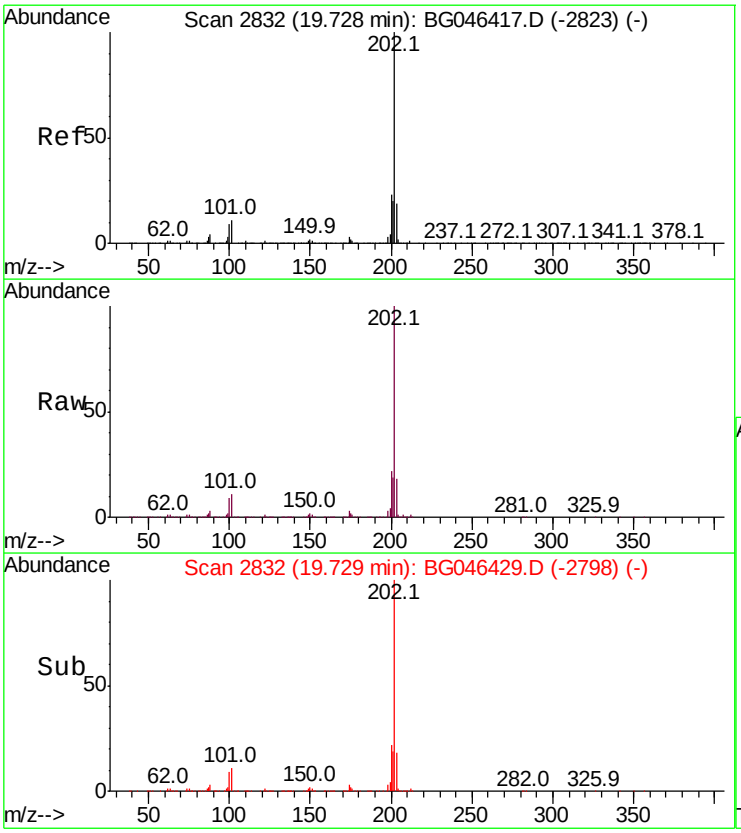
#17
Fluoranthene
Concen: 21.050 ng/ul
RT: 19.36 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:202 Resp: 670730

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.6
100	7.5	5.9	8.9

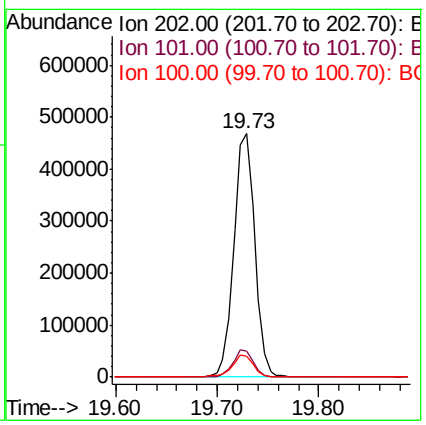


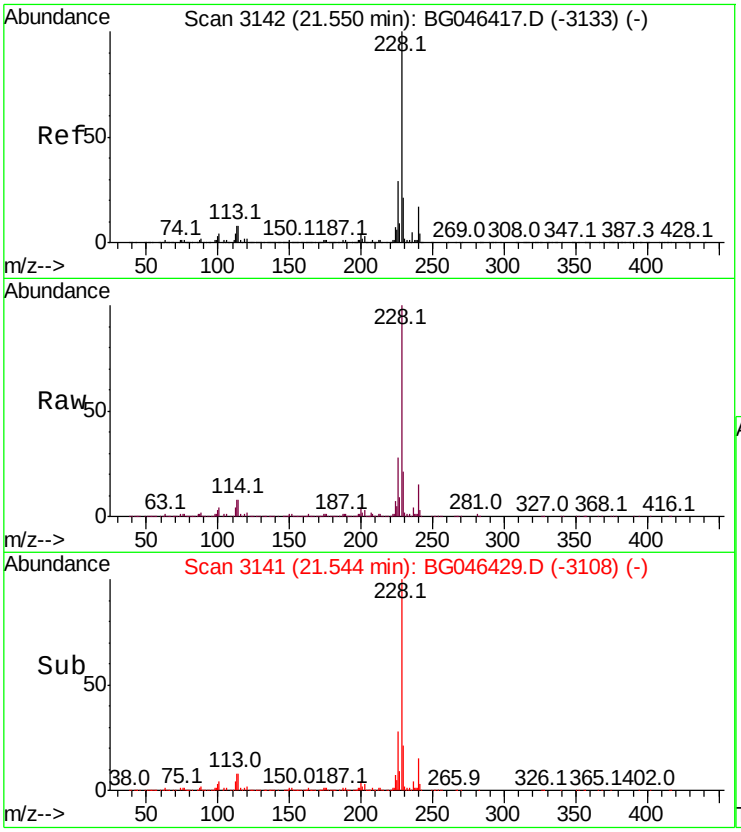


#20
Pyrene
Concen: 19.846 ng/ul
RT: 19.73 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:202 Resp: 670511

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	8.6	7.9	11.9



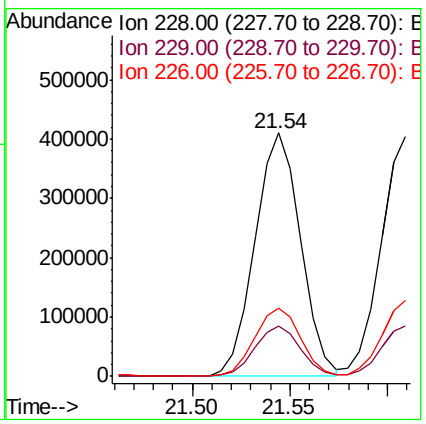


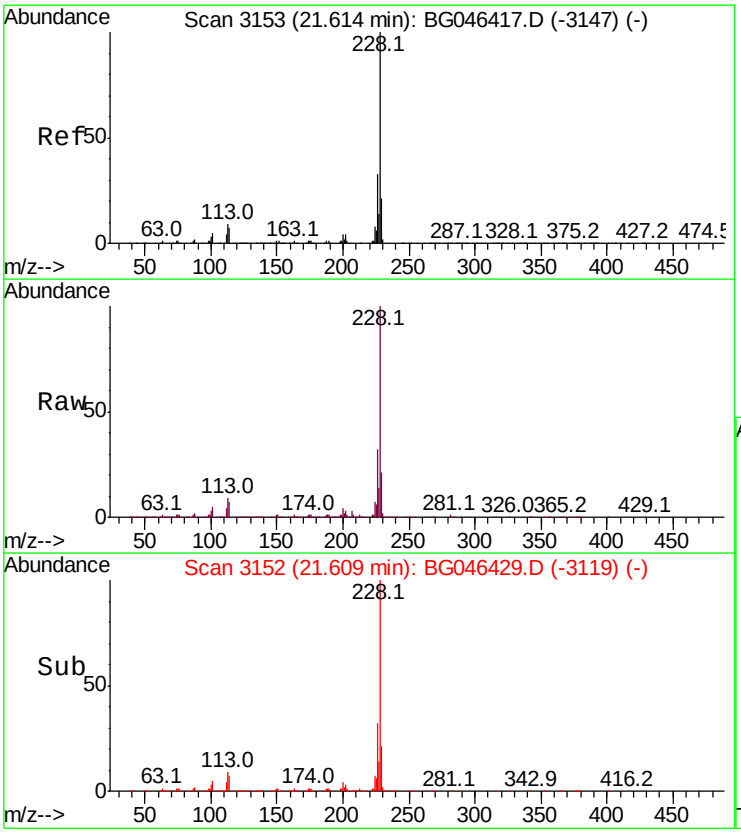
#21
Benzo(a)anthracene
Concen: 19.806 ng/ul
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:228 Resp: 663283

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	28.1	22.6	33.8

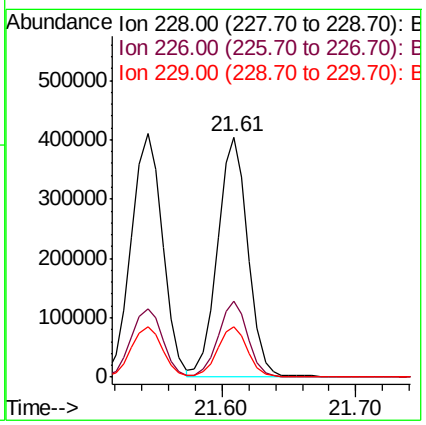


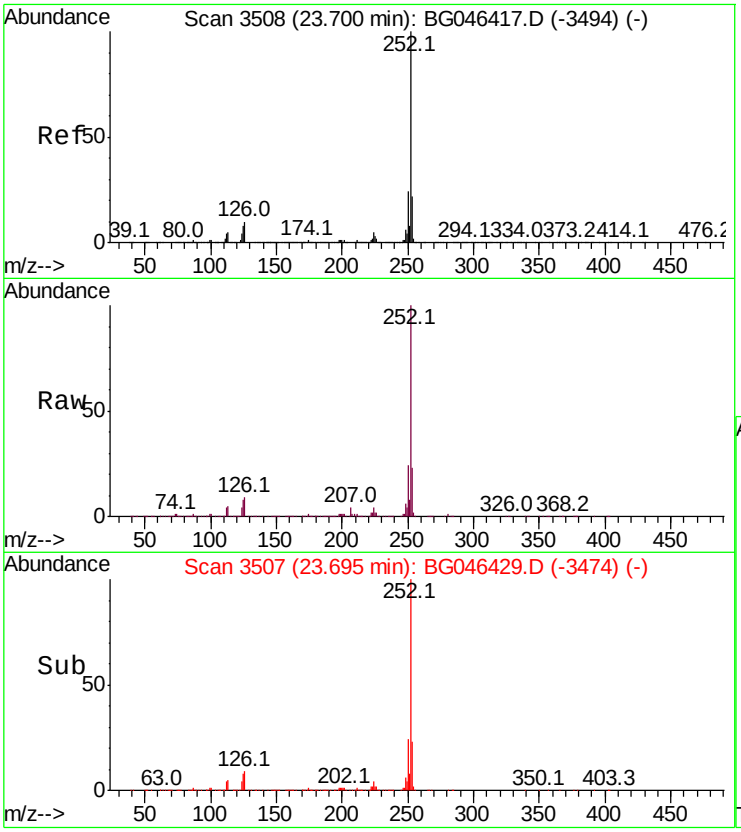


#22
Chrysene
Concen: 19.794 ng/ul
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:228 Resp: 640815

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	21.2	17.0	25.4



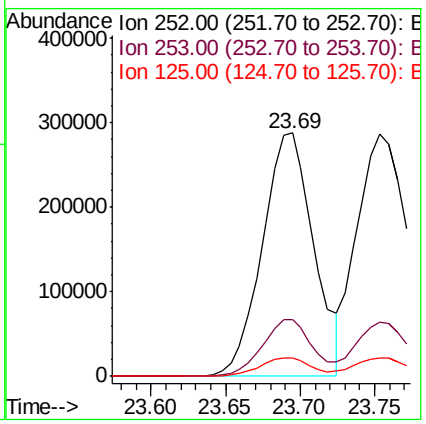


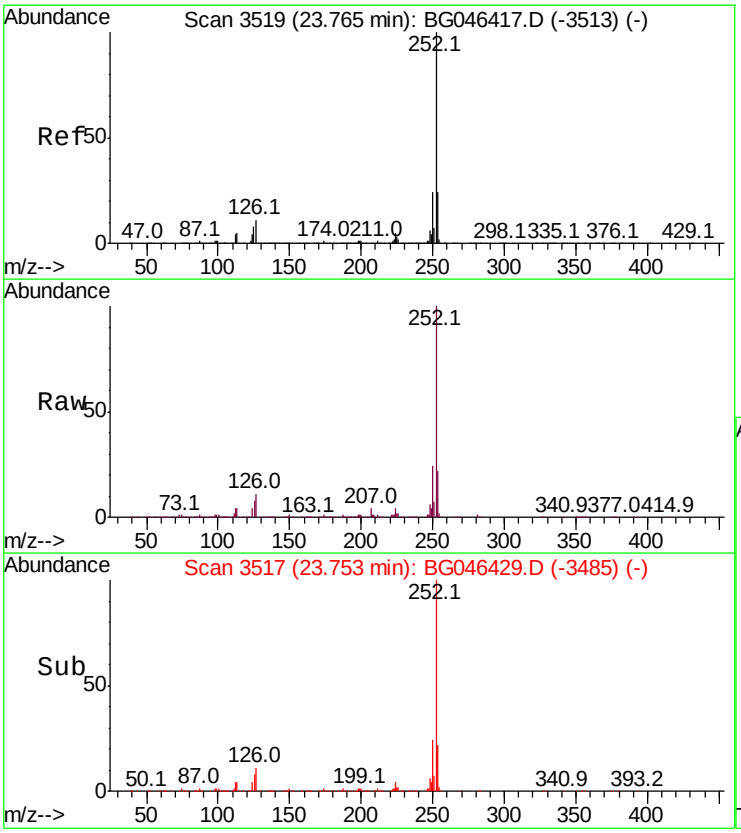
#24
Benzo(b)fluoranthene
Concen: 20.341 ng/ul
RT: 23.69 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:252 Resp: 689688

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	7.8	6.4	9.6

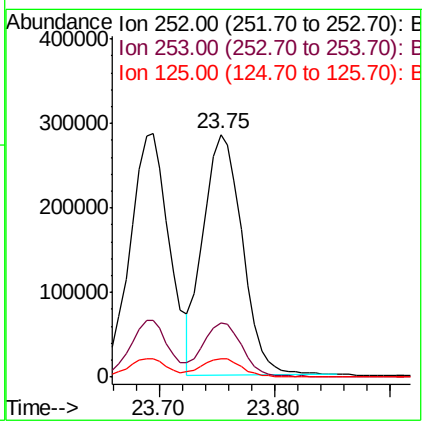


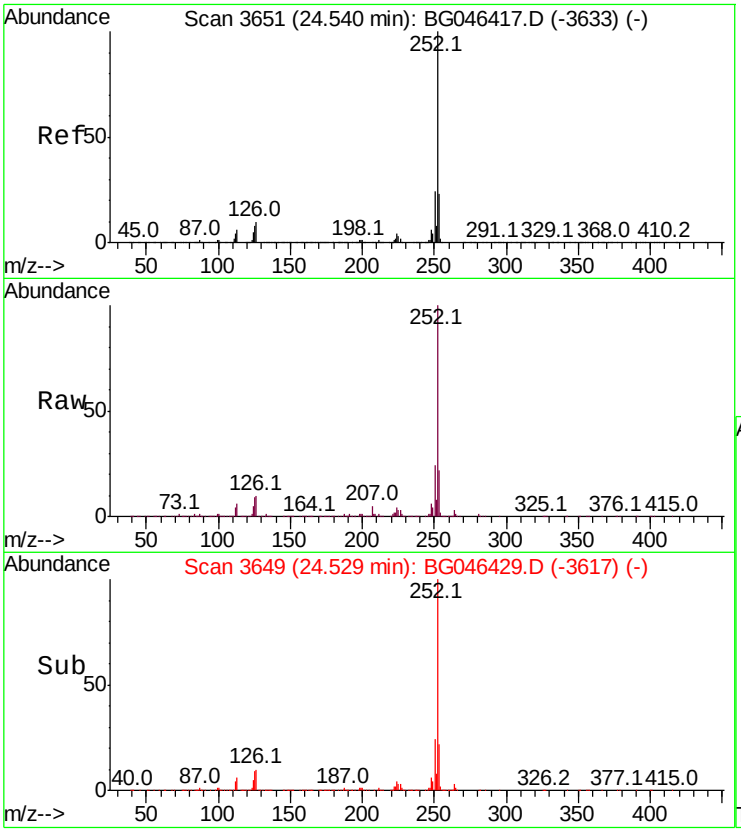


#25
Benzo(k)fluoranthene
Concen: 20.038 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:252 Resp: 673971

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	7.6	6.2	9.2



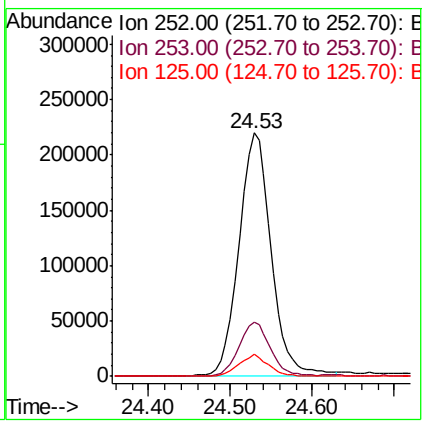


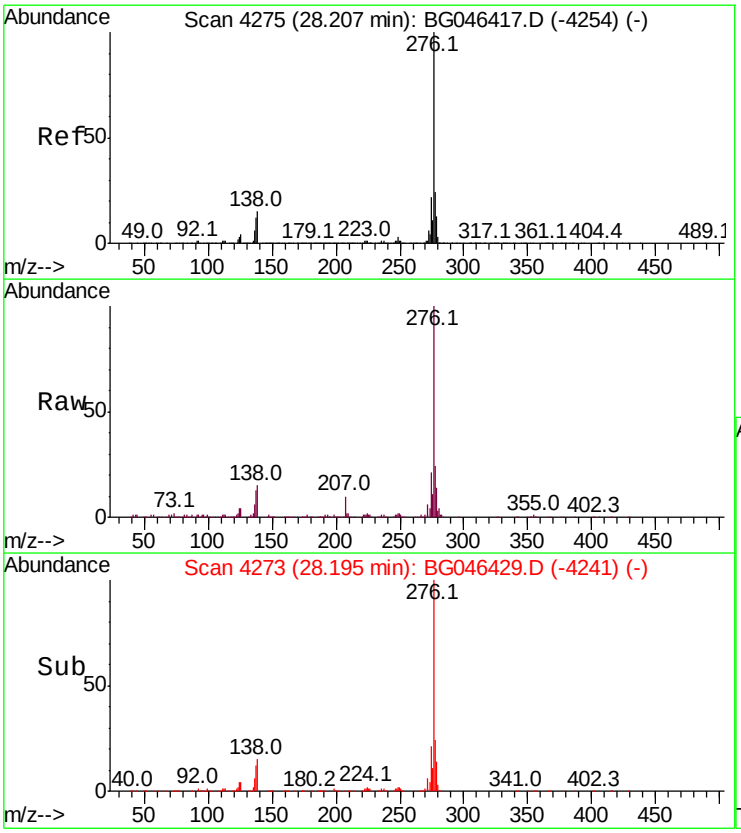
#27
Benzo(a)pyrene
Concen: 19.198 ng/ul
RT: 24.53 min Scan# 3649
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:252 Resp: 597611

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.9	7.1	10.7

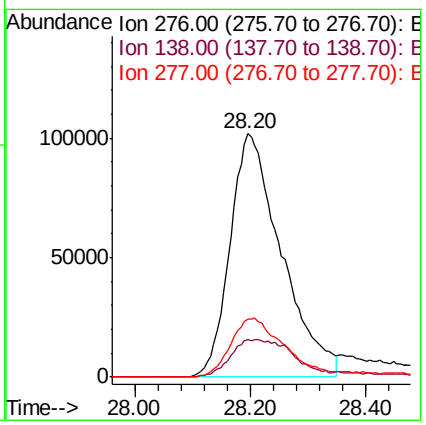


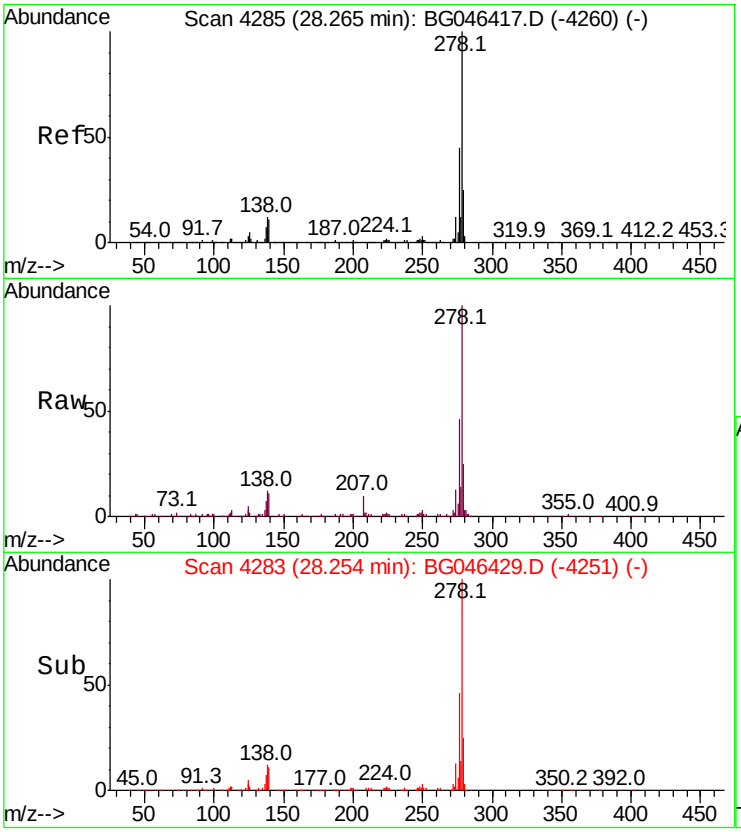


#28
Indeno(1,2,3-cd)pyrene
Concen: 16.093 ng/ul
RT: 28.20 min Scan# 4273
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:276 Resp: 627234

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.2	19.8
277	23.8	19.9	29.9



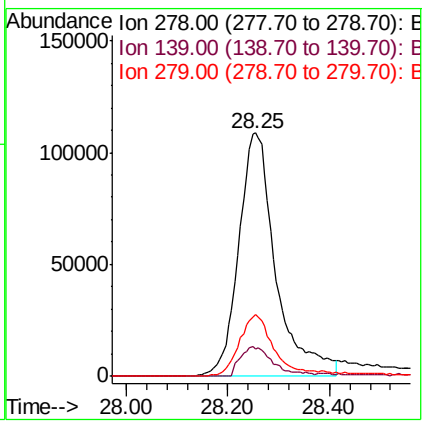


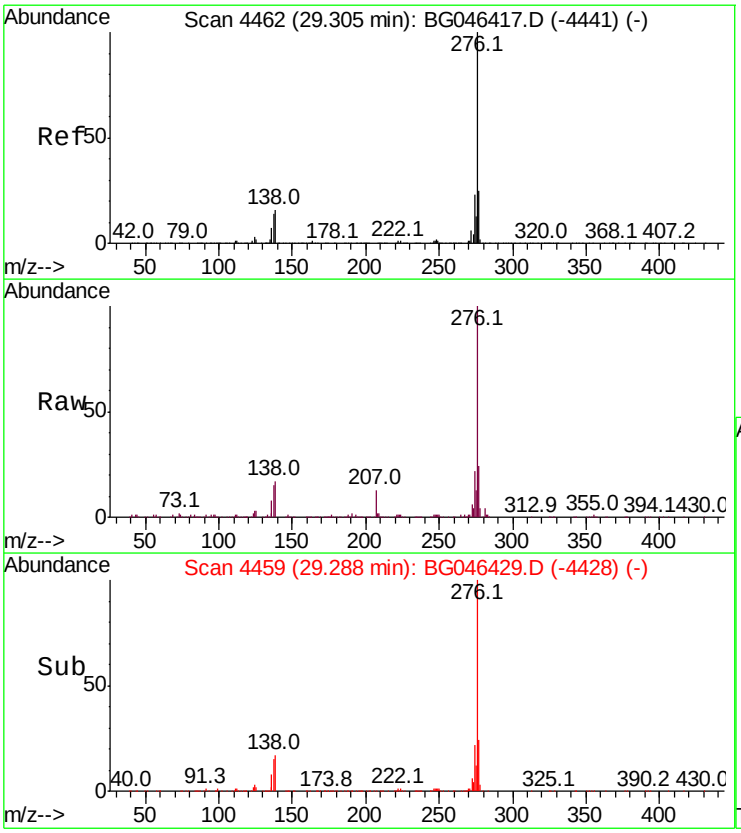
#29
Dibenzo(a,h)anthracene
Concen: 17.515 ng/ul
RT: 28.25 min Scan# 4283
Delta R.T. -0.01 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Instrument :
BNA_G
ClientSampleId :
SSTD02049

Tgt Ion:278 Resp: 553512

Ion	Ratio	Lower	Upper
278	100		
139	11.5	9.8	14.8
279	25.4	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 14.464 ng/ul
RT: 29.29 min Scan# 4459
Delta R.T. -0.02 min
Lab File: BG046429.D
Acq: 22 Aug 2020 1:28

Tgt Ion:276 Resp: 471797

Ion	Ratio	Lower	Upper
276	100		
138	16.9	12.9	19.3
277	23.5	19.4	29.0