Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046360.D
Acq On : 20 Aug 2020 00:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02043

Quant Time: Aug 20 01:29:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	88520	20.00	ng/ul	0.00
2) Naphthalene-d8	10.73	136	351389	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	236360	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	560919	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	589590	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	621553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	121823	20.13	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	421187	19.36	ng/ul	0.00
10) Fluorene-d10	15.56	176	325178	19.51	ng/ul	0.00
15) Anthracene-d10	17.41	188	508661	19.56	ng/ul	0.00
19) Pyrene-d10	19.69	212	592037	19.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.45	264	658604	19.42	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.79	128	357474	19.558	ng/ul	99
5) 2-Methylnaphthalene	12.40	142	275898	19.801	ng/ul	98
8) Acenaphthylene	14.29	152	434262	19.636	ng/ul	99
9) Acenaphthene	14.63	153	302638	19.163	ng/ul	99
11) Fluorene	15.61	166	363186	19.669	ng/ul	99
13) Pentachlorophenol	16.97	266	86315	18.606	ng/ul	97
14) Phenanthrene	17.35	178	596036	19.315	ng/ul	99
16) Anthracene	17.44	178	607332	19.506	ng/ul	99
17) Fluoranthene	19.36	202	759826	22.083	ng/ul	99
20) Pyrene	19.72	202	751407	19.416	ng/ul	99
21) Benzo(a)anthracene	21.54	228	752475	19.616	ng/ul	99
22) Chrysene	21.60	228	728451	19.644	ng/ul	100
24) Benzo(b)fluoranthene	23.68	252	809407	19.693	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	790333	19.384	ng/ul	100
27) Benzo(a)pyrene	24.52	252	696047	18.446	ng/ul	100
28) Indeno(1,2,3-cd)pyrene	28.17	276	881882	18.665	ng/ul	98
29) Dibenzo(a,h)anthracene	28.22	278	750215	19.583	ng/ul	99
30) Benzo(g,h,i)perylene	29.26	276	682560	17.262	ng/ul	99

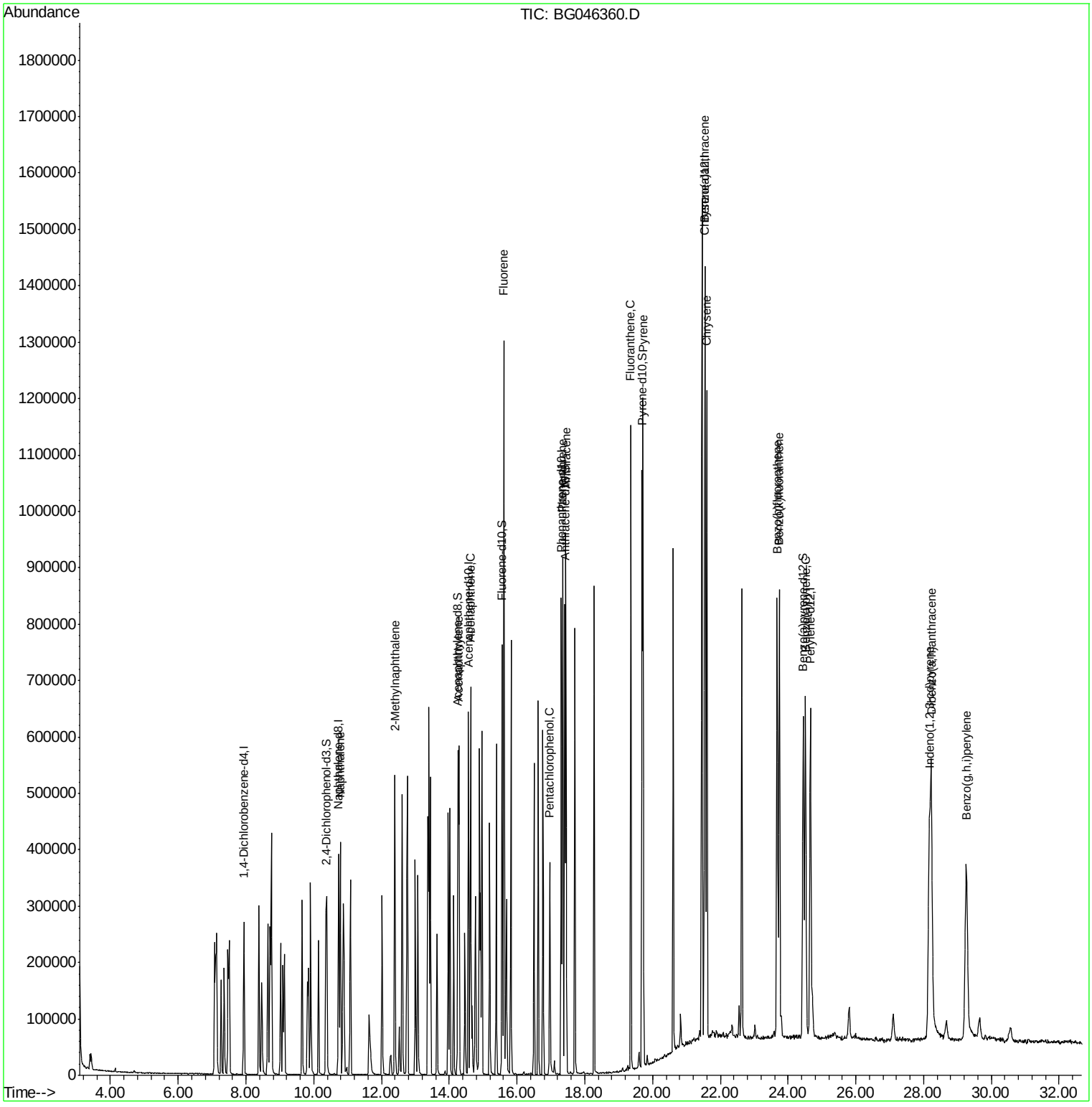
(#) = qualifier out of range (m) = manual integration (+) = signals summed

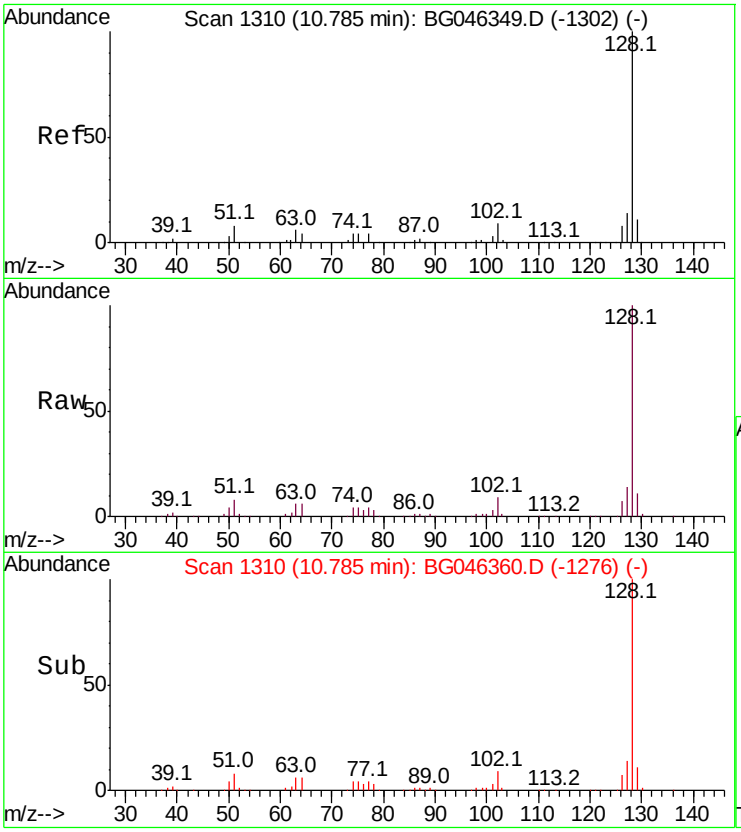
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046360.D
Acq On : 20 Aug 2020 00:08
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Quant Time: Aug 20 01:29:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 01:26:46 2020
Response via : Initial Calibration



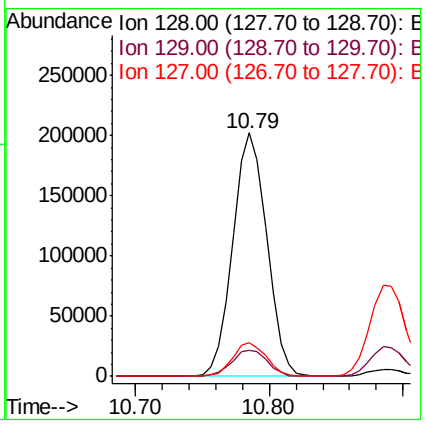


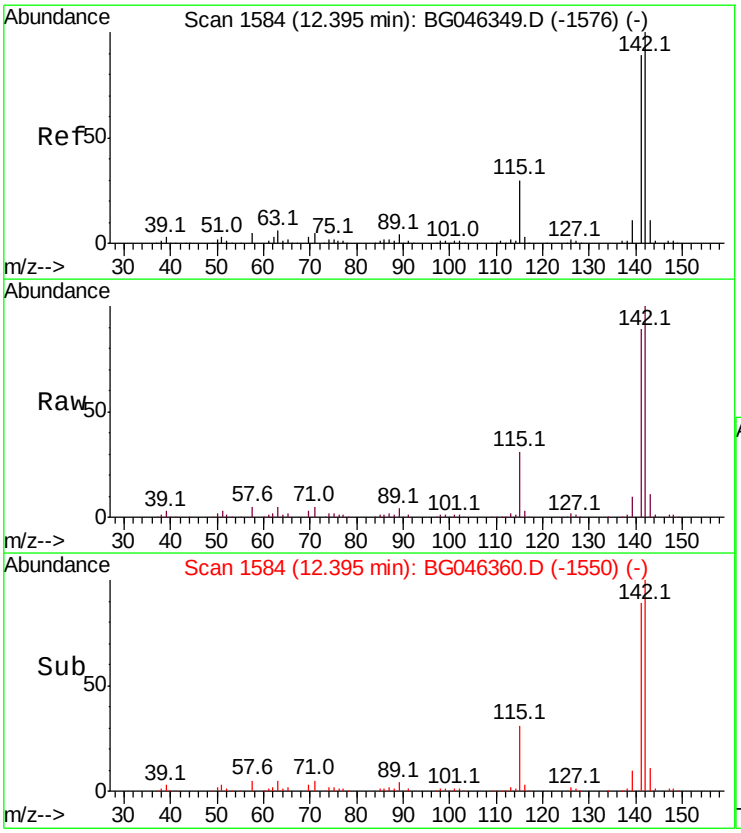
#4
Naphthalene
Concen: 19.558 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:128 Resp: 357474

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

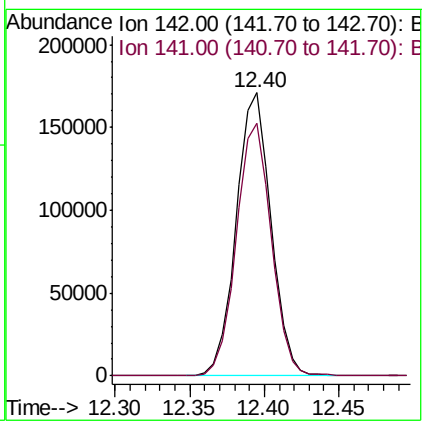


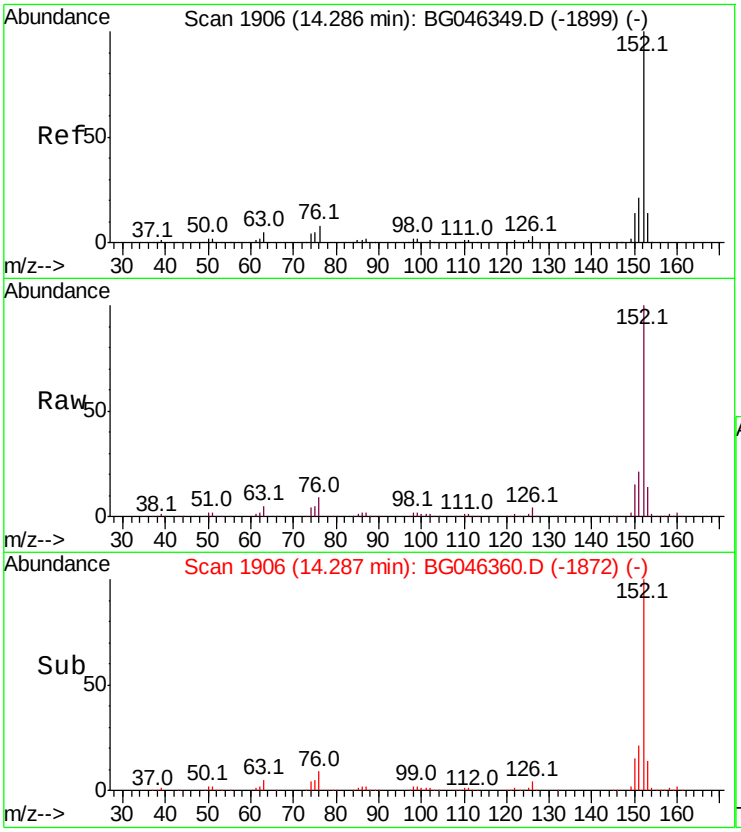


#5
2-Methylnaphthalene
Concen: 19.801 ng/ul
RT: 12.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:142 Resp: 275898

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.5	108.7



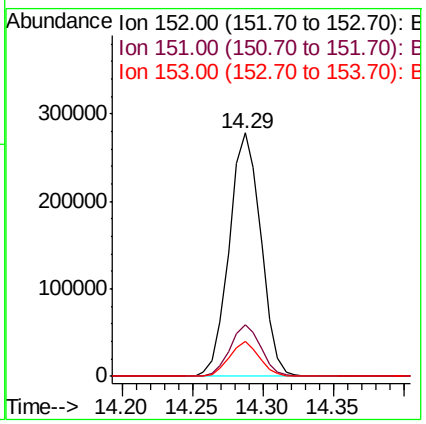


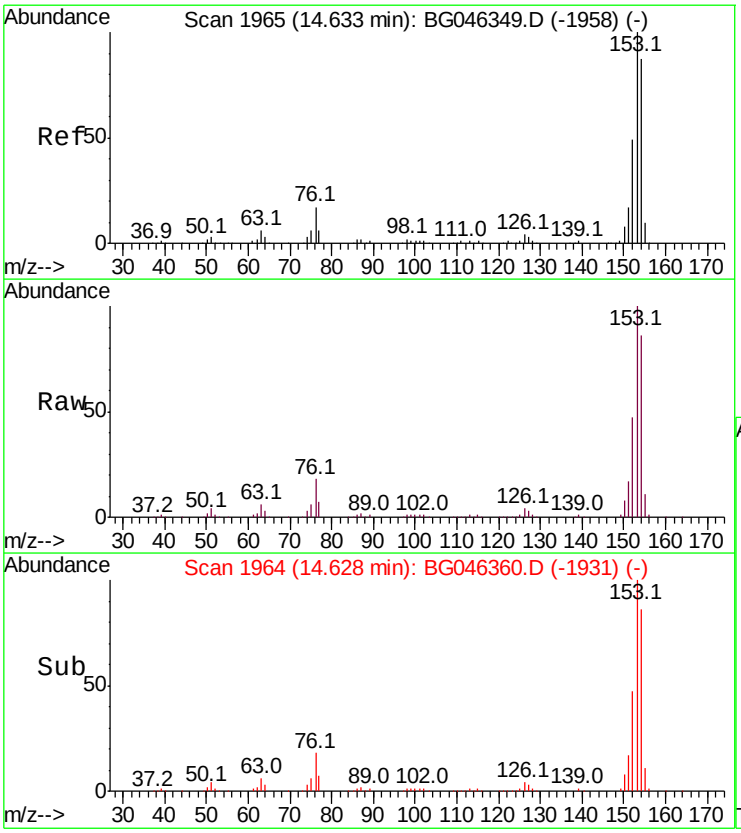
#8
Acenaphthylene
Concen: 19.636 ng/ul
RT: 14.29 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:152 Resp: 434262

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.5	24.7
153	14.1	11.0	16.6

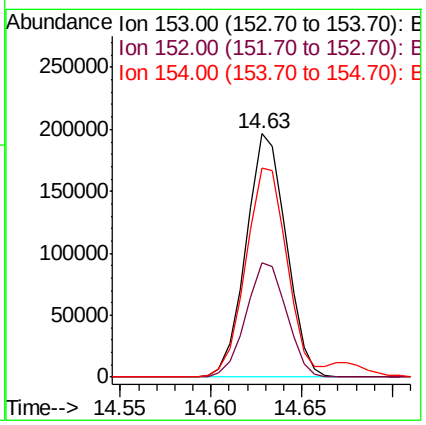


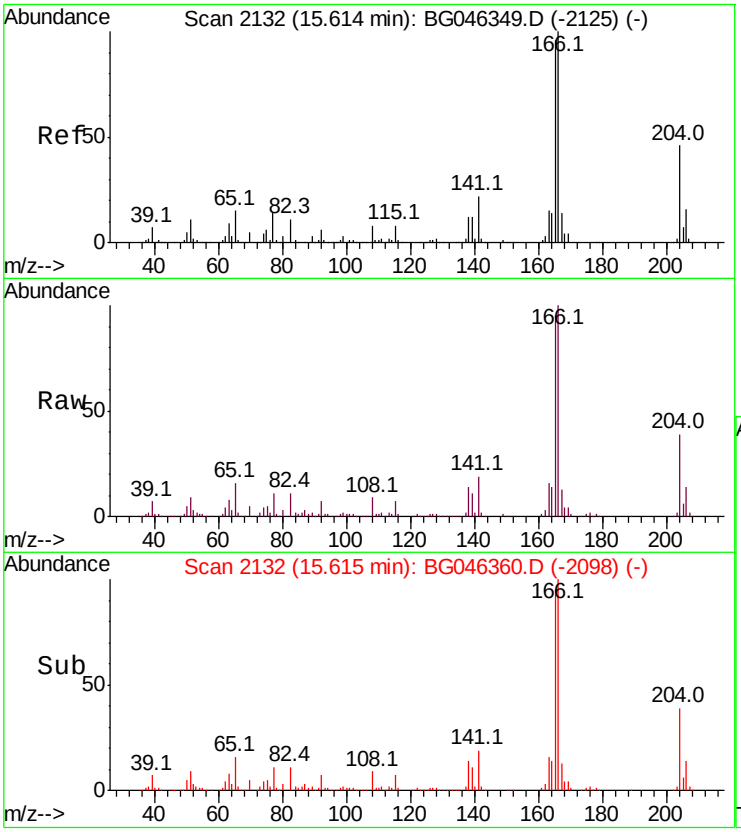


#9
Acenaphthene
Concen: 19.163 ng/ul
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:153 Resp: 302638

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.2	55.8
154	85.7	67.8	101.6



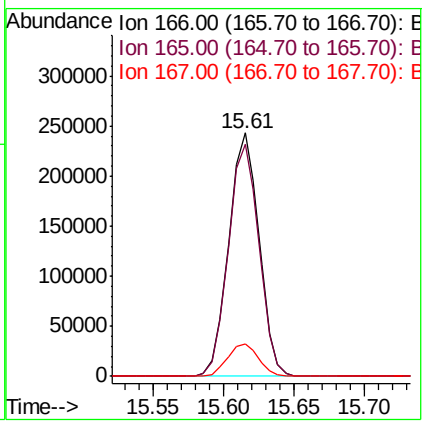


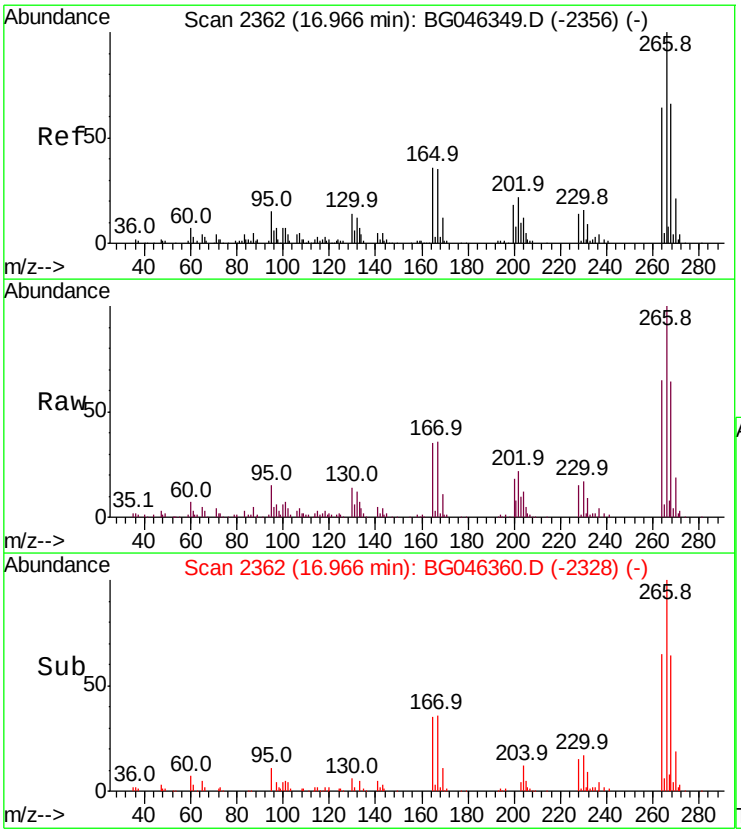
#11
Fluorene
Concen: 19.669 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:166 Resp: 363186

Ion	Ratio	Lower	Upper
166	100		
165	95.5	75.9	113.9
167	13.3	10.7	16.1

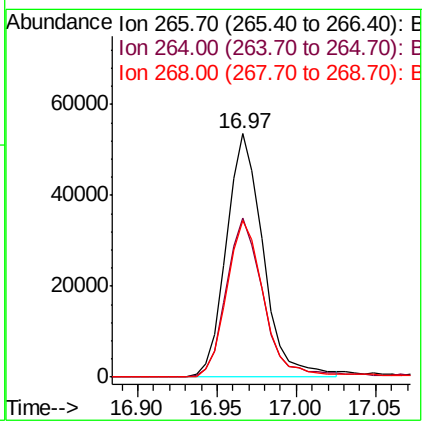


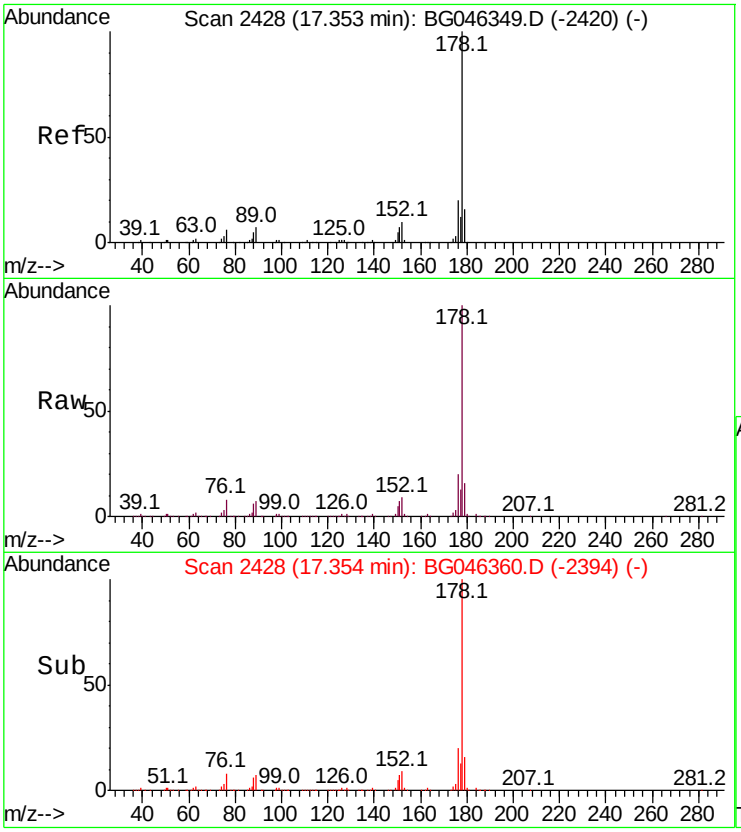


#13
Pentachlorophenol
Concen: 18.606 ng/ul
RT: 16.97 min Scan# 2362
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:266 Resp: 86315

Ion	Ratio	Lower	Upper
266	100		
264	65.3	50.2	75.2
268	64.5	49.7	74.5



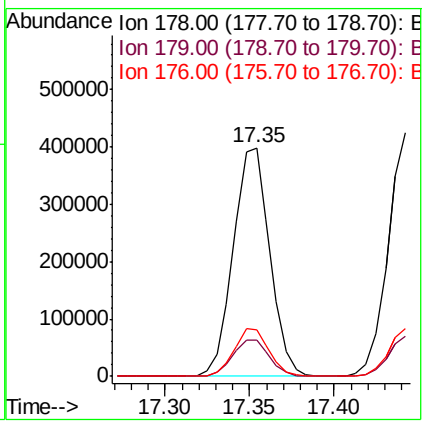


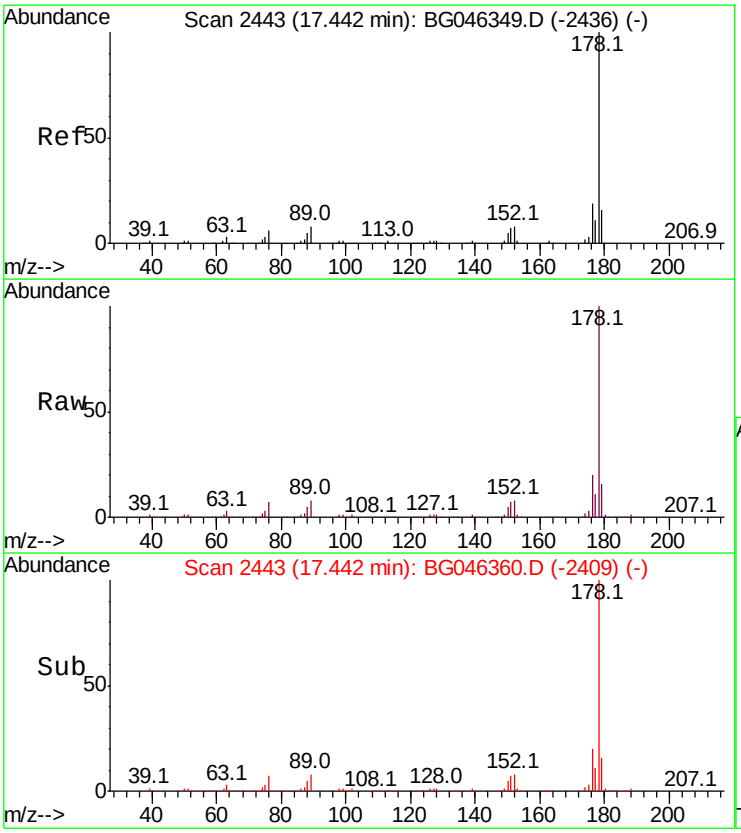
#14
Phenanthrene
Concen: 19.315 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:178 Resp: 596036

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.4	15.8	23.8

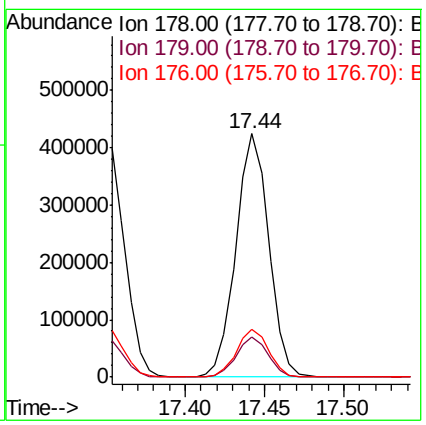


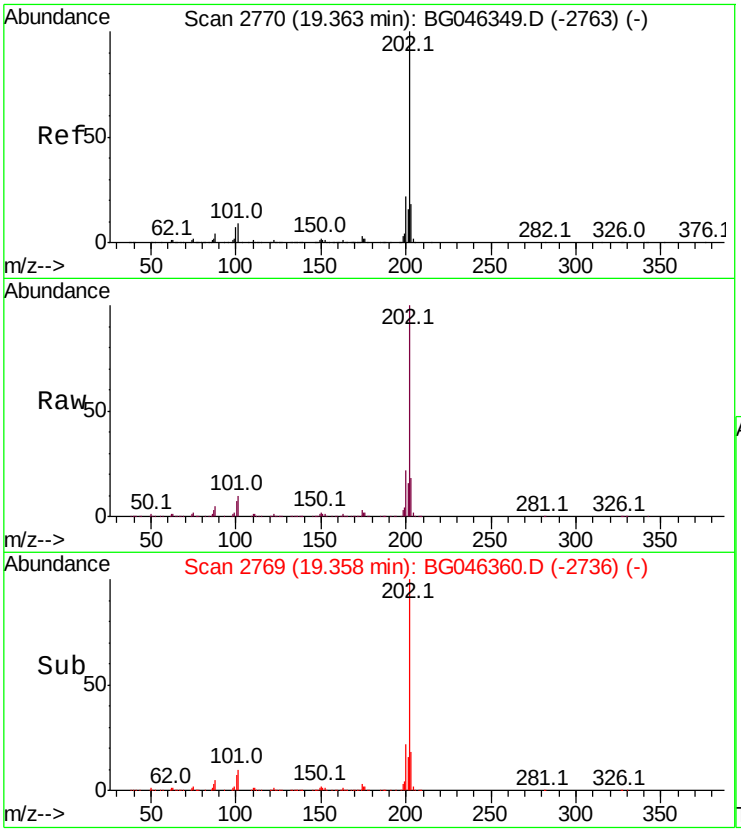


#16
Anthracene
Concen: 19.506 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:178 Resp: 607332

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	19.6	15.2	22.8



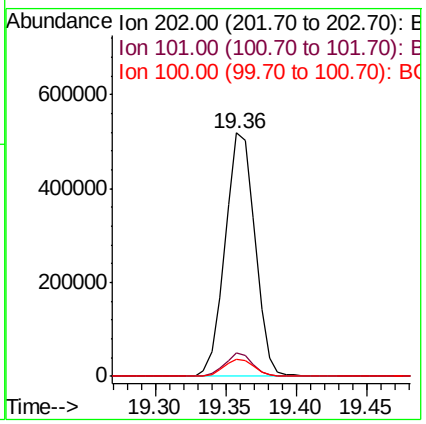


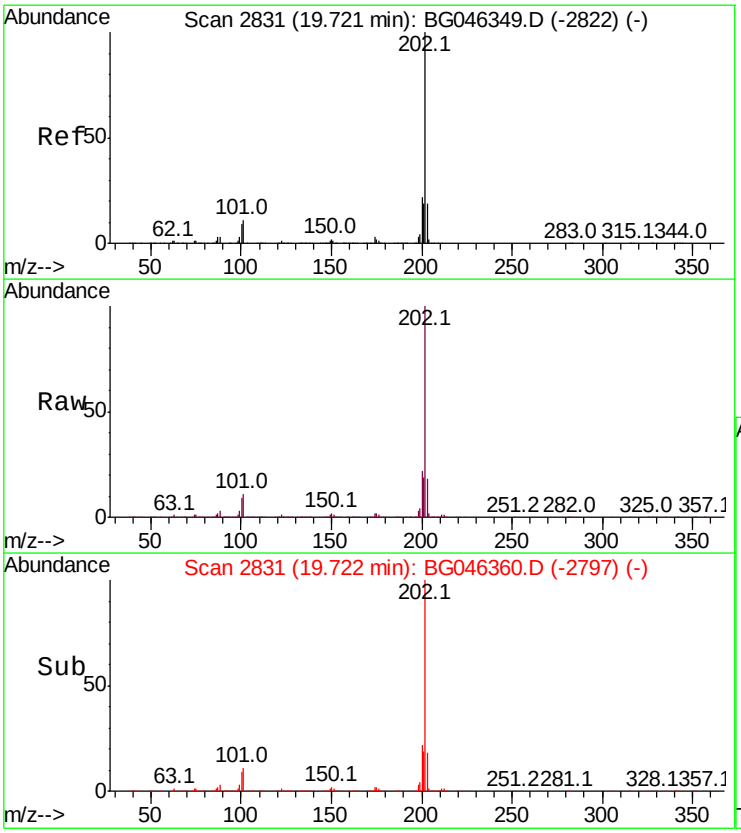
#17
Fluoranthene
Concen: 22.083 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:202 Resp: 759826

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.6
100	7.2	5.9	8.9

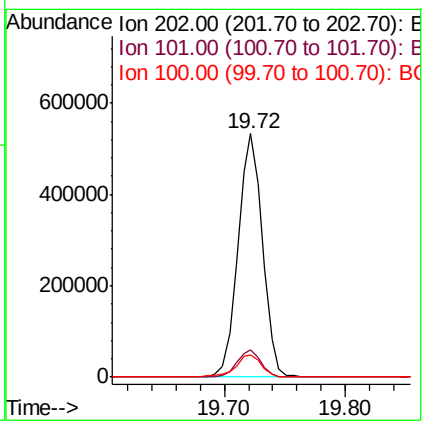


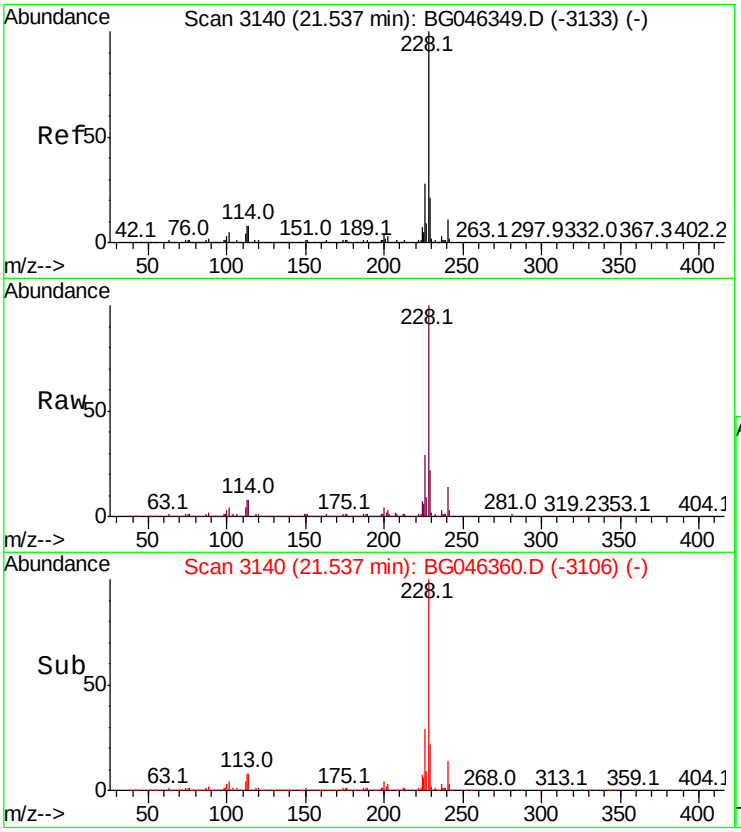


#20
Pyrene
Concen: 19.416 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:202 Resp: 751407

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	8.9	7.9	11.9



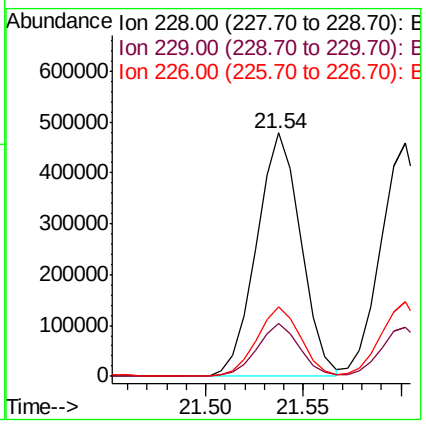


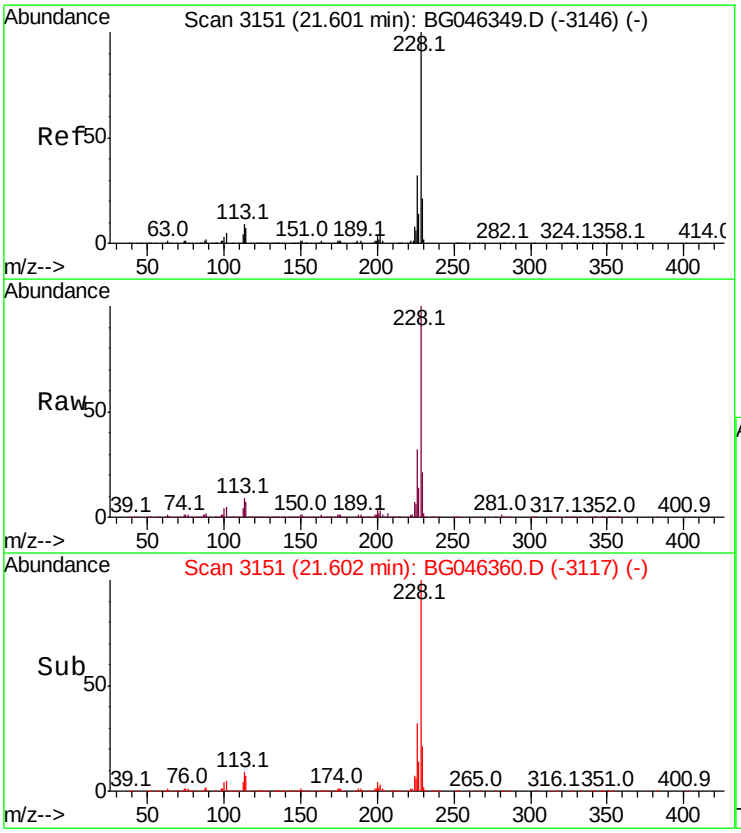
#21
Benzo(a)anthracene
Concen: 19.616 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:228 Resp: 752475

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	28.6	22.6	33.8

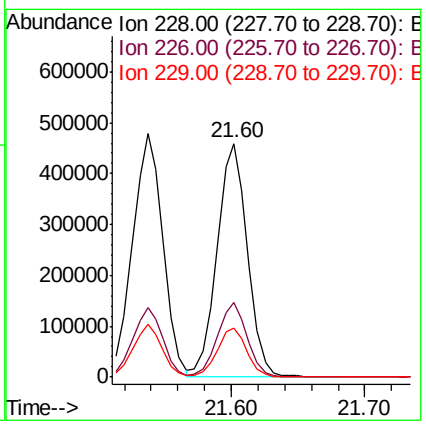


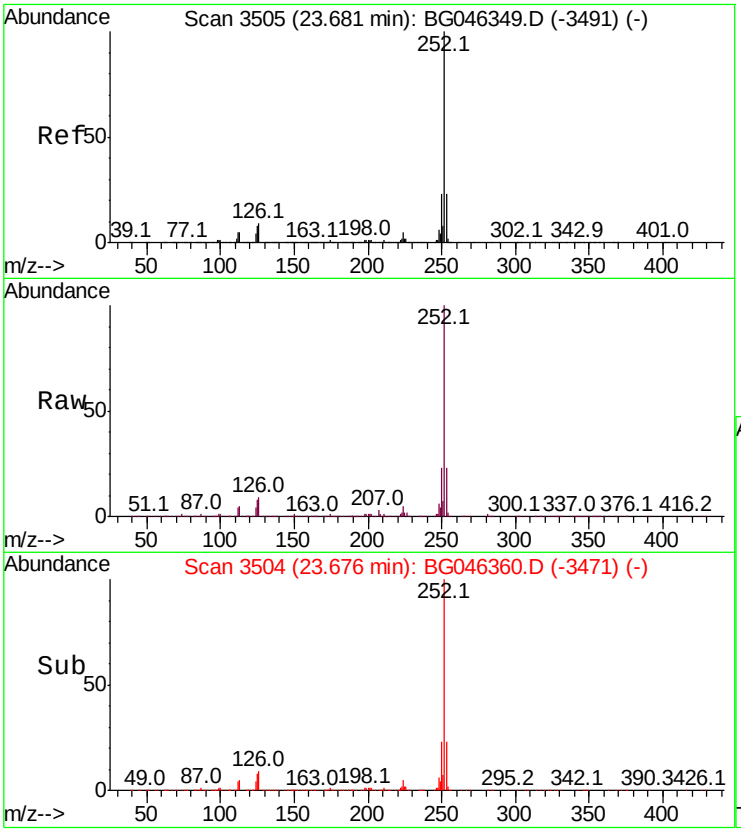


#22
Chrysene
Concen: 19.644 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:228 Resp: 728451

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	21.1	17.0	25.4



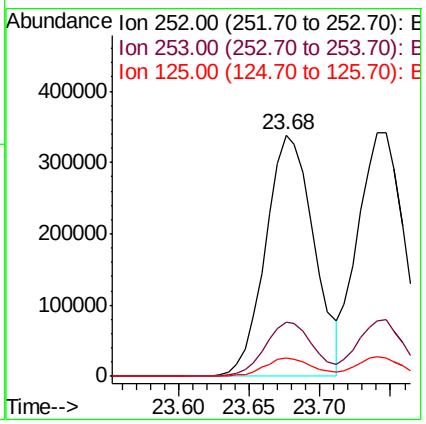


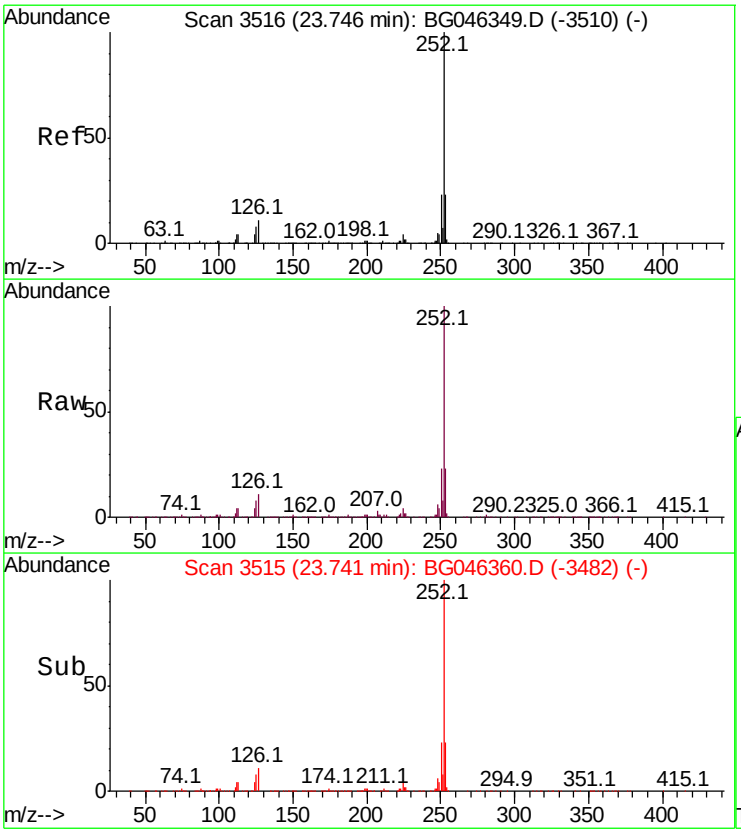
#24
Benzo(b)fluoranthene
Concen: 19.693 ng/ul
RT: 23.68 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:252 Resp: 809407

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	7.6	6.4	9.6

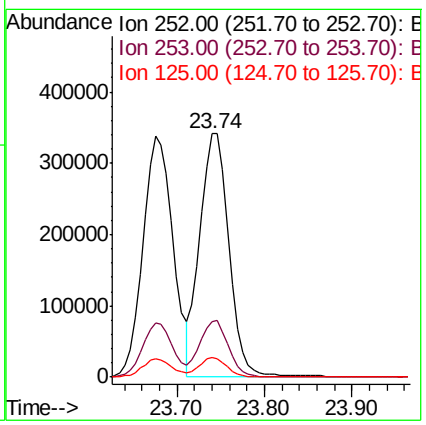


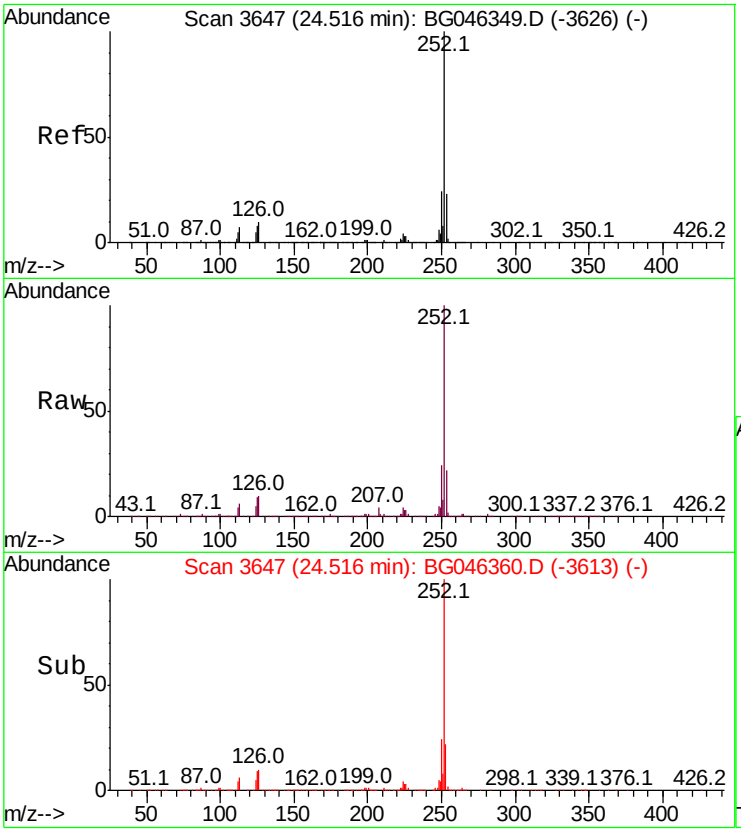


#25
Benzo(k)fluoranthene
Concen: 19.384 ng/ul
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:252 Resp: 790333

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	8.0	6.2	9.2



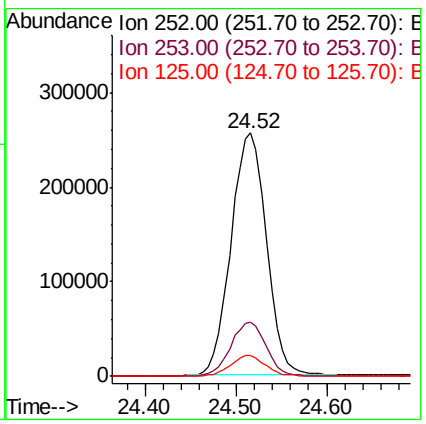


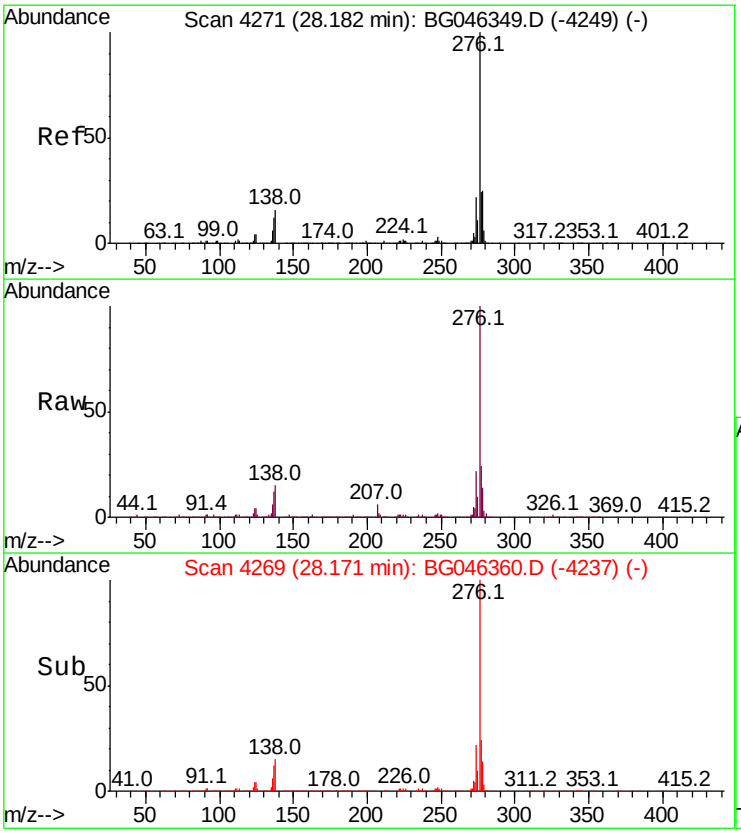
#27
Benzo(a)pyrene
Concen: 18.446 ng/ul
RT: 24.52 min Scan# 3647
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:252 Resp: 696047

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	8.6	7.1	10.7

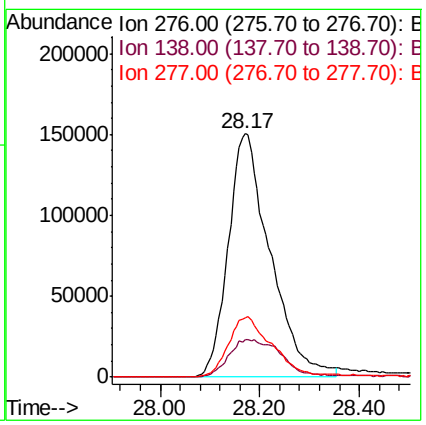


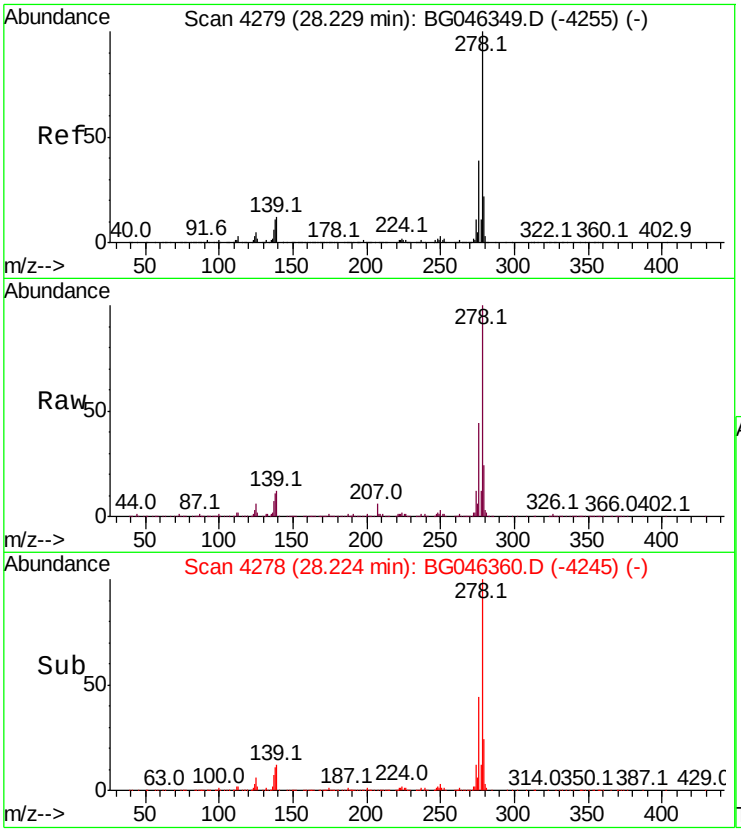


#28
Indeno(1,2,3-cd)pyrene
Concen: 18.665 ng/ul
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:276 Resp: 881882

Ion	Ratio	Lower	Upper
276	100		
138	15.4	13.2	19.8
277	24.3	19.9	29.9



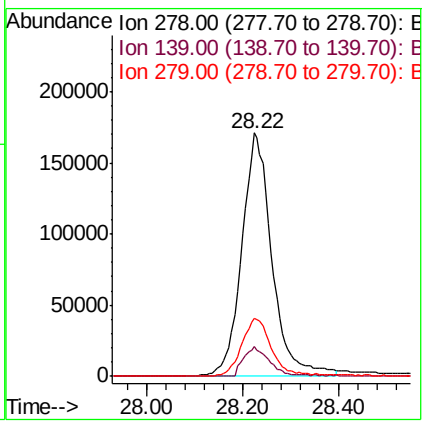


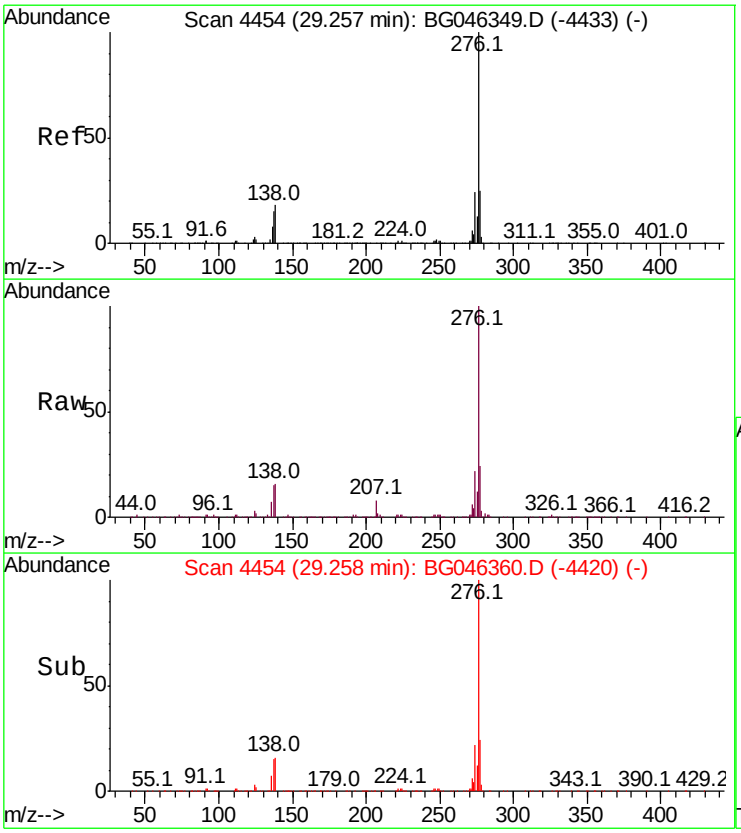
#29
Dibenzo(a,h)anthracene
Concen: 19.583 ng/ul
RT: 28.22 min Scan# 4278
Delta R.T. -0.01 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Instrument :
BNA_G
ClientSampleId :
SSTD02043

Tgt Ion:278 Resp: 750215

Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.8
279	24.0	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 17.262 ng/ul
RT: 29.26 min Scan# 4454
Delta R.T. 0.00 min
Lab File: BG046360.D
Acq: 20 Aug 2020 00:08

Tgt Ion:276 Resp: 682560

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.9	19.3
277	23.9	19.4	29.0