Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046294.D
Acq On : 17 Aug 2020 12:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02036

Quant Time: Aug 17 16:02:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	80751	20.00	ng/ul	0.00
2) Naphthalene-d8	10.74	136	323525	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.57	164	213541	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.31	188	514187	20.00	ng/ul	0.00
18) Chrysene-d12	21.55	240	551874	20.00	ng/ul	0.00
23) Perylene-d12	24.66	264	579789	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.36	165	115713	20.77	ng/ul	0.00
7) Acenaphthylene-d8	14.26	160	417410	21.24	ng/ul	0.00
10) Fluorene-d10	15.56	176	318956	21.18	ng/ul	0.00
15) Anthracene-d10	17.41	188	501181	21.03	ng/ul	0.00
19) Pyrene-d10	19.69	212	593924	20.91	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.44	264	656545	20.75	ng/ul	-0.01
Target Compounds						Qvalue
4) Naphthalene	10.78	128	355098	21.101	ng/ul	99
5) 2-Methylnaphthalene	12.39	142	272149	21.214	ng/ul	99
8) Acenaphthylene	14.29	152	429437	21.493	ng/ul	99
9) Acenaphthene	14.63	153	301197	21.110	ng/ul	97
11) Fluorene	15.61	166	360322	21.599	ng/ul	96
13) Pentachlorophenol	16.97	266	84465	19.862	ng/ul	98
14) Phenanthrene	17.35	178	596697	21.094	ng/ul	99
16) Anthracene	17.44	178	606174	21.238	ng/ul	99
17) Fluoranthene	19.36	202	765956	24.284	ng/ul	100
20) Pyrene	19.72	202	765711	21.137	ng/ul	98
21) Benzo(a)anthracene	21.54	228	752111	20.946	ng/ul	100
22) Chrysene	21.60	228	728494	20.987	ng/ul	98
24) Benzo(b)fluoranthene	23.67	252	779624	20.334	ng/ul	99
25) Benzo(k)fluoranthene	23.74	252	781332	20.544	ng/ul	99
27) Benzo(a)pyrene	24.51	252	704289	20.009	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	28.15	276	913401	20.724	ng/ul	96
29) Dibenzo(a,h)anthracene	28.22	278	755294	21.136	ng/ul	99
30) Benzo(g,h,i)perylene	29.25	276	763243	20.692	ng/ul	99

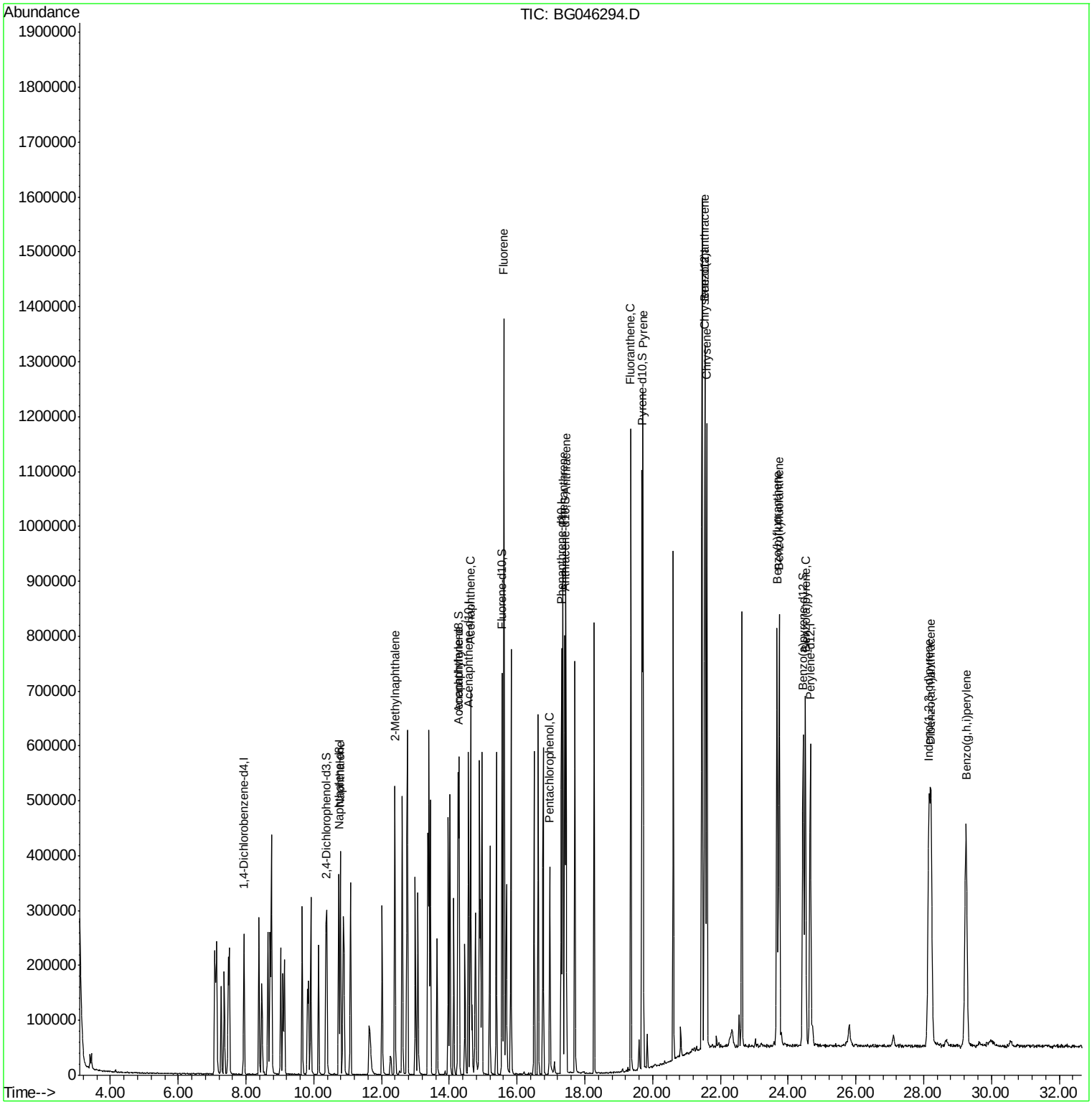
(#) = qualifier out of range (m) = manual integration (+) = signals summed

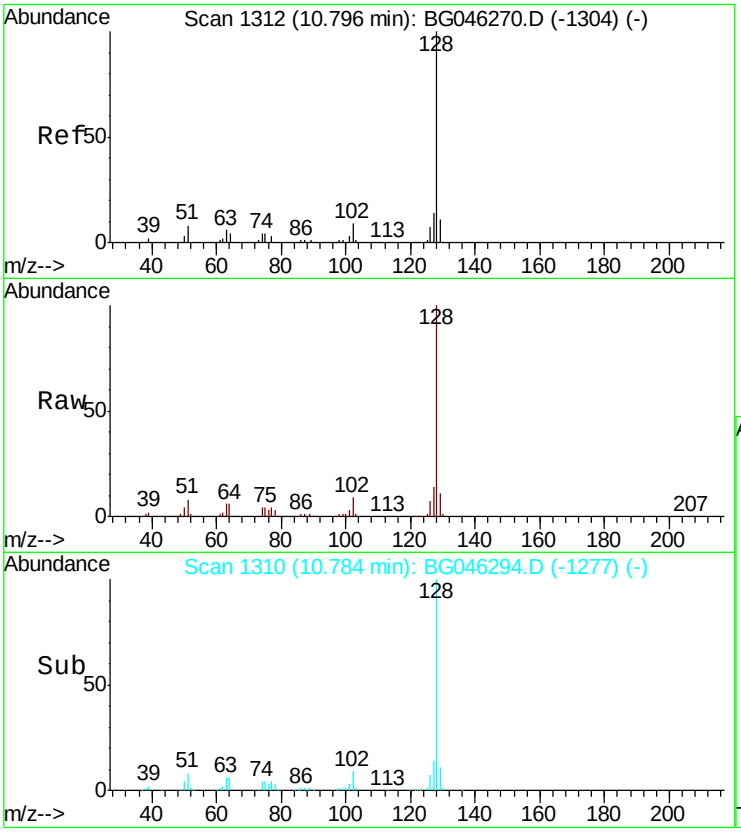
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081720\
Data File : BG046294.D
Acq On : 17 Aug 2020 12:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Quant Time: Aug 17 16:02:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 13:50:19 2020
Response via : Initial Calibration



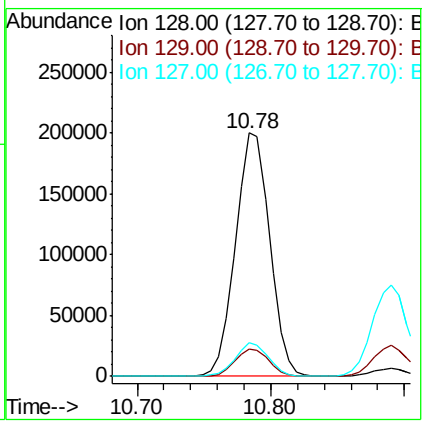


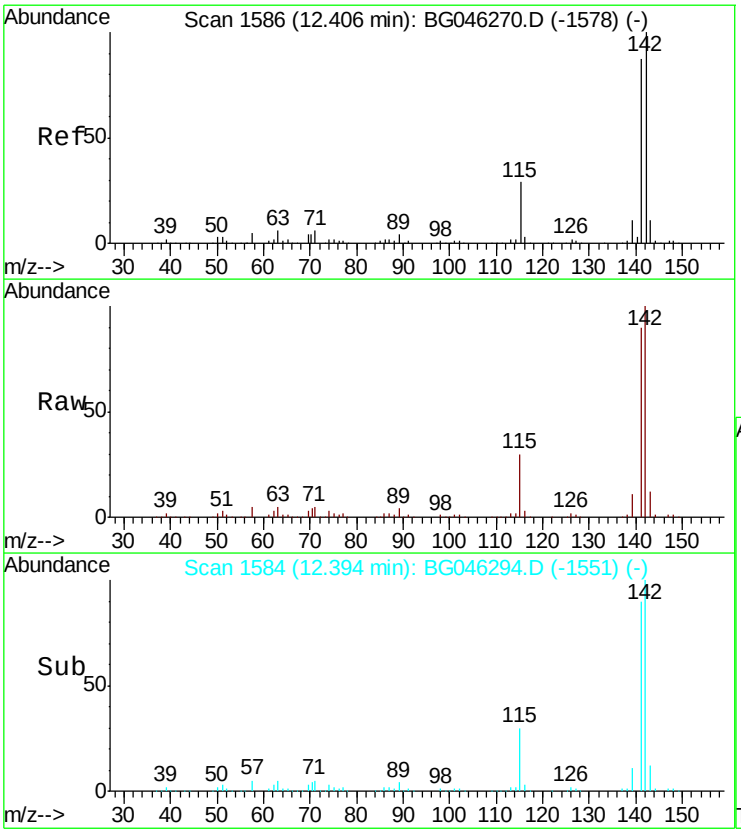
#4
Naphthalene
Concen: 21.101 ng/ul
RT: 10.78 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:128 Resp: 355098

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	14.1	10.9	16.3

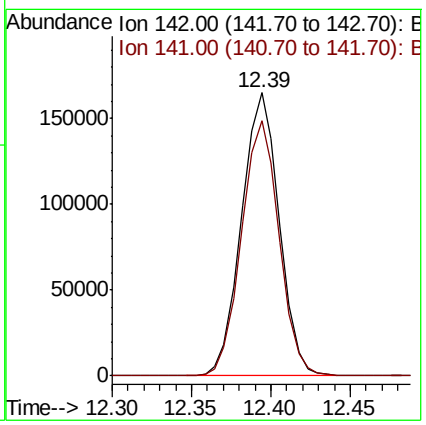


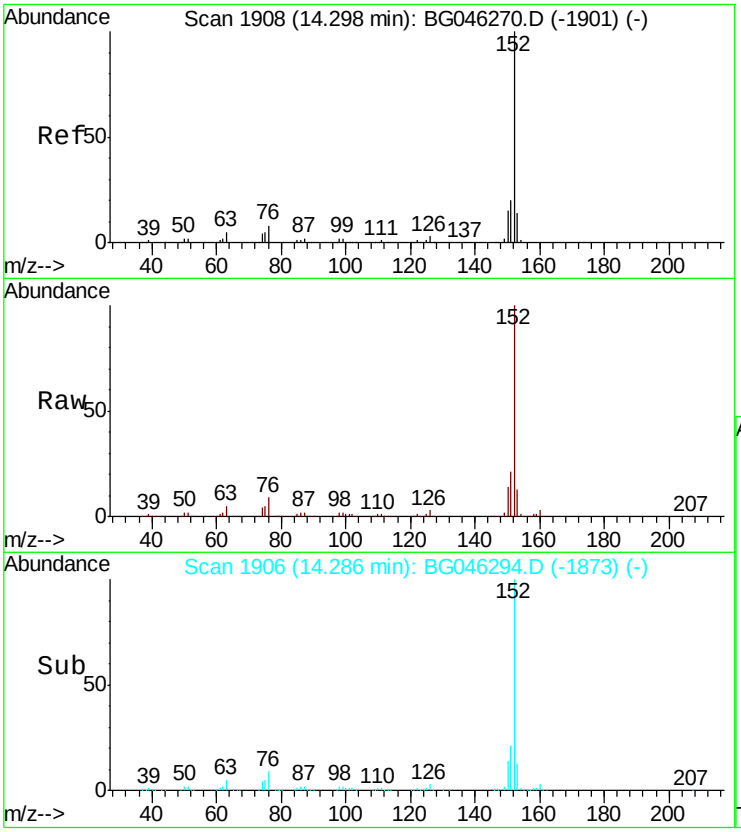


#5
2-Methylnaphthalene
Concen: 21.214 ng/ul
RT: 12.39 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:142 Resp: 272149

Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.5	108.7



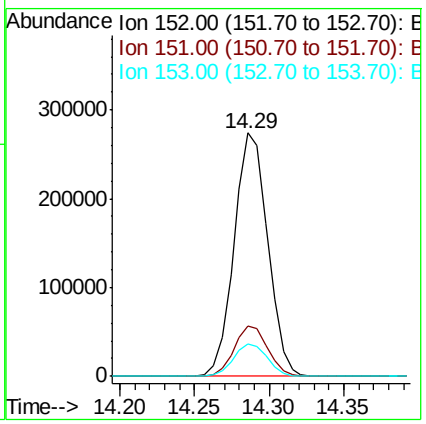


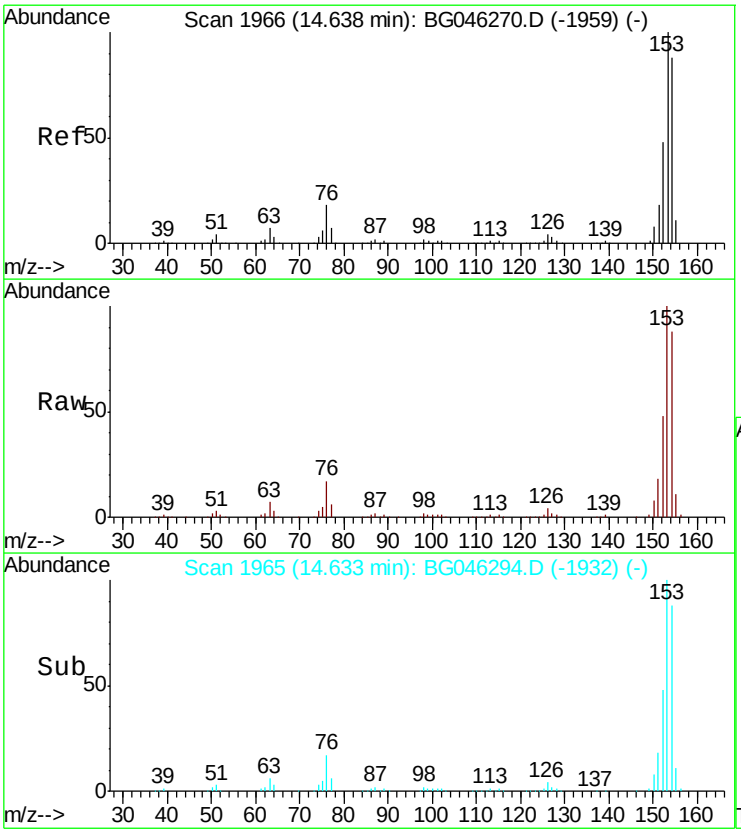
#8
Acenaphthylene
Concen: 21.493 ng/ul
RT: 14.29 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:152 Resp: 429437

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	13.2	11.0	16.6

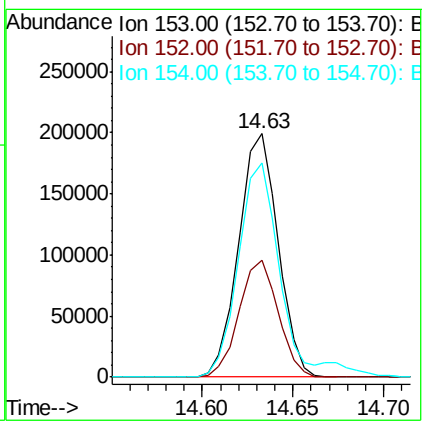


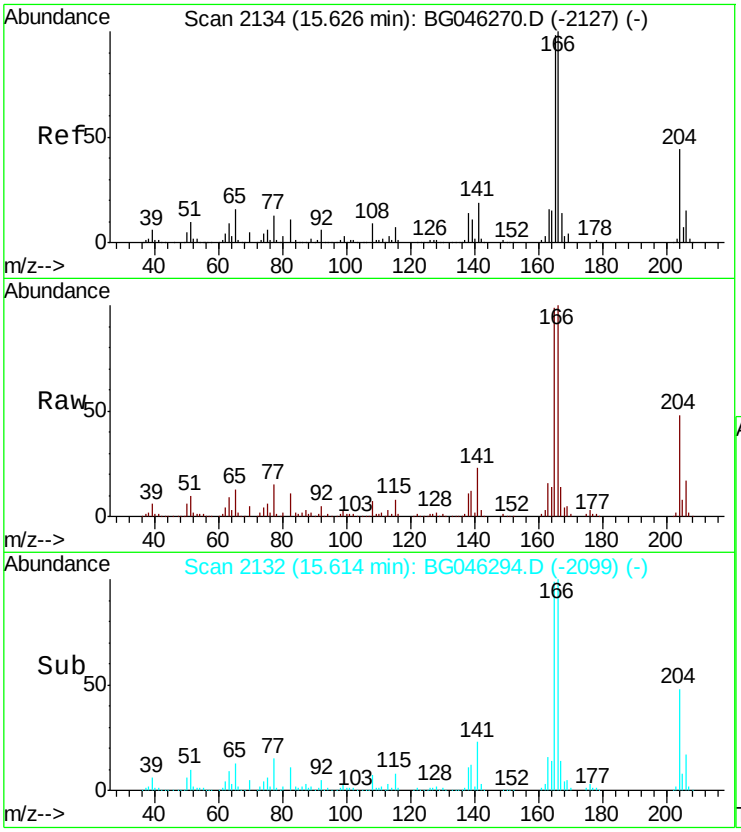


#9
Acenaphthene
Concen: 21.110 ng/ul
RT: 14.63 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:153 Resp: 301197

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.2	55.8
154	88.2	67.8	101.6



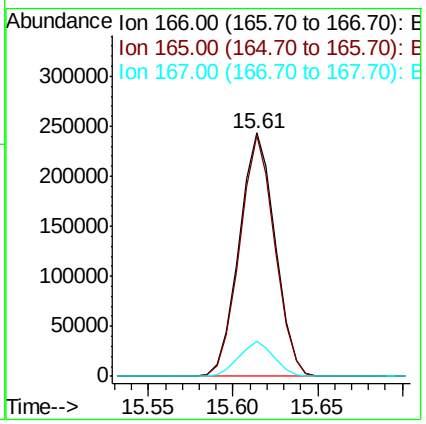


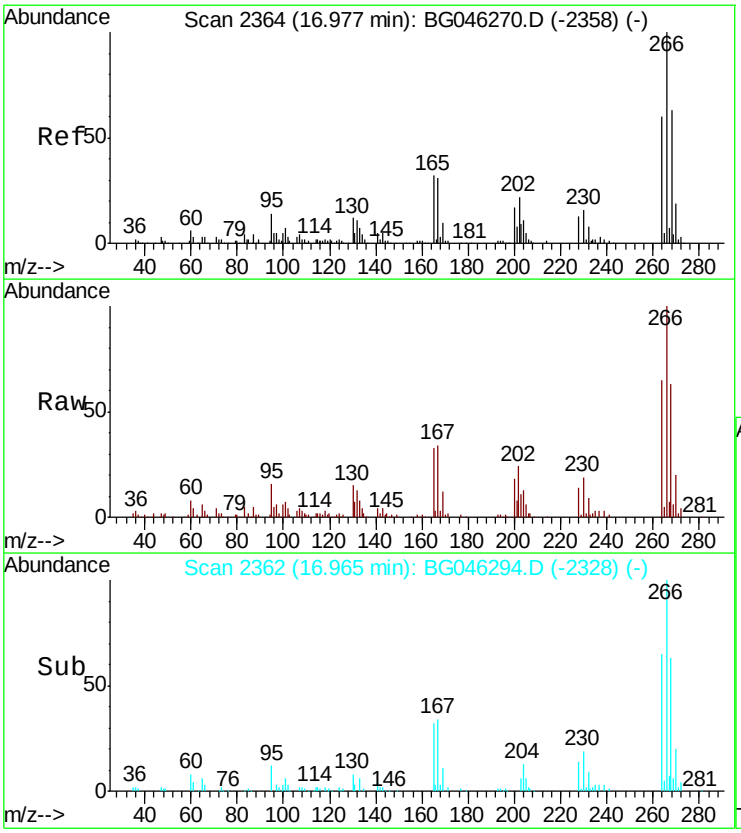
#11
Fluorene
Concen: 21.599 ng/ul
RT: 15.61 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:166 Resp: 360322

Ion	Ratio	Lower	Upper
166	100		
165	98.9	75.9	113.9
167	14.3	10.7	16.1

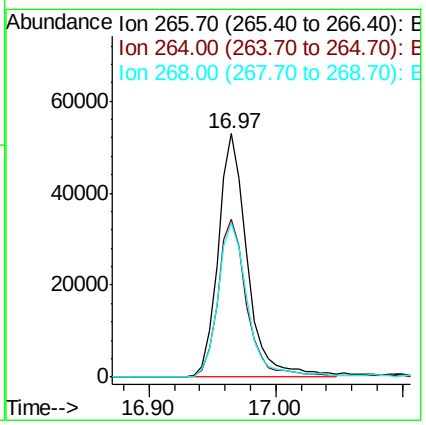


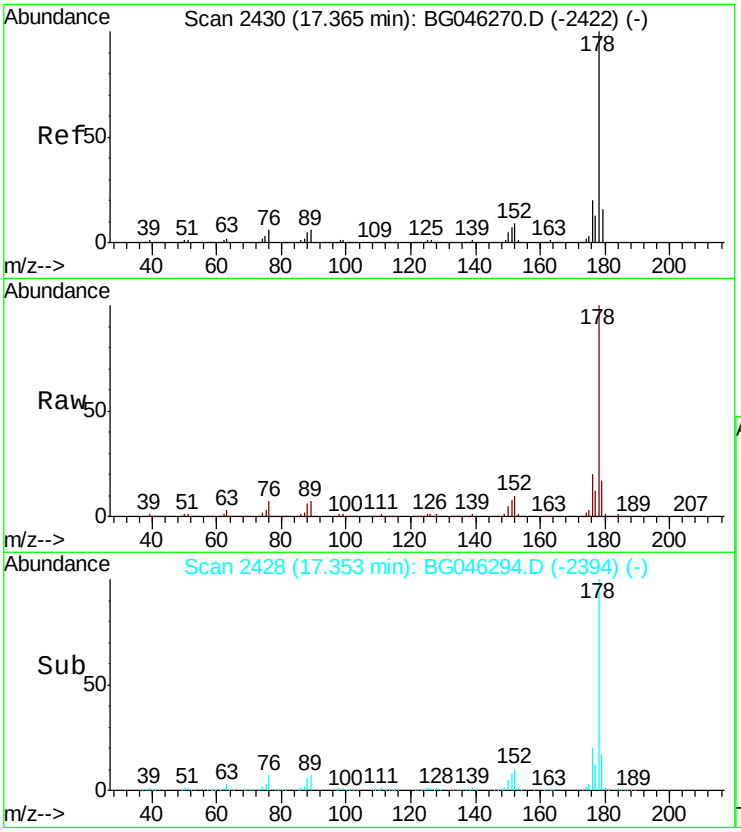


#13
Pentachlorophenol
Concen: 19.862 ng/ul
RT: 16.97 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:266 Resp: 84465

Ion	Ratio	Lower	Upper
266	100		
264	65.0	50.2	75.2
268	63.0	49.7	74.5



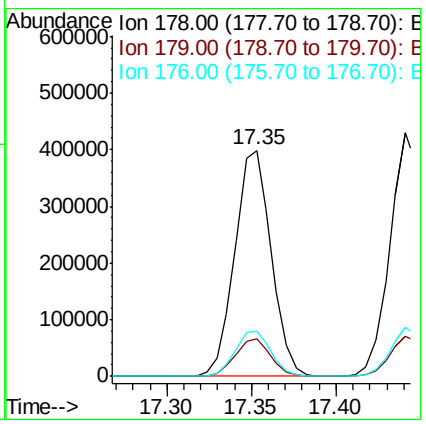


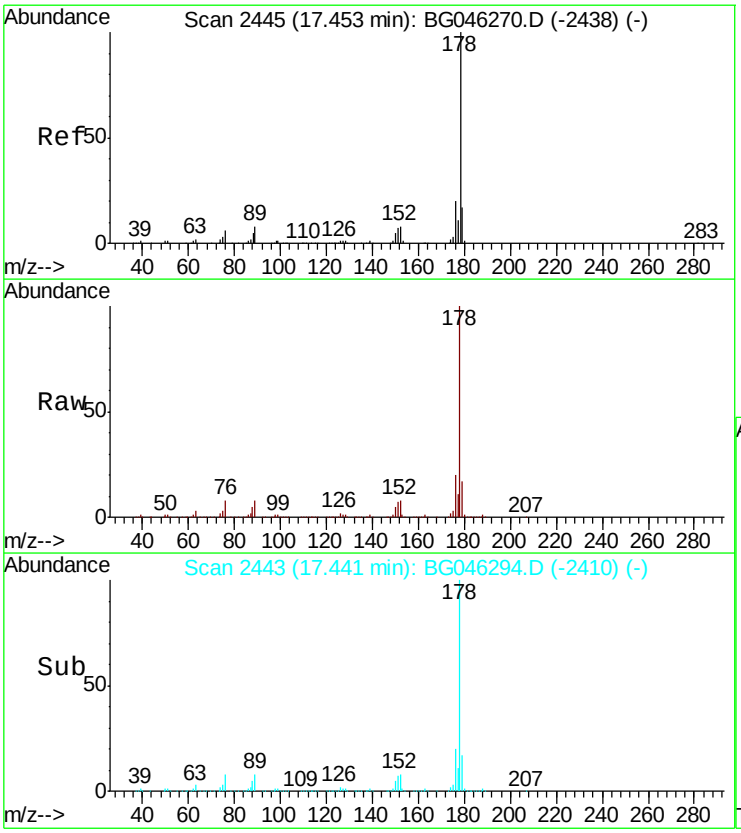
#14
Phenanthrene
Concen: 21.094 ng/ul
RT: 17.35 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:178 Resp: 596697

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.8	19.2
176	20.1	15.8	23.8

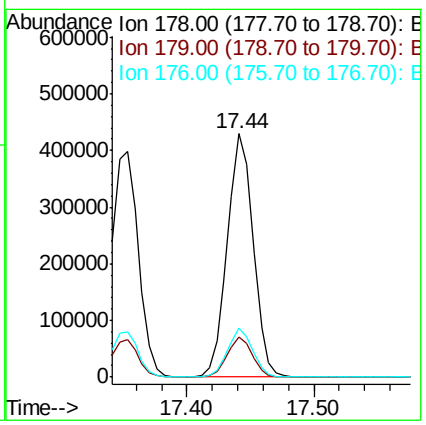


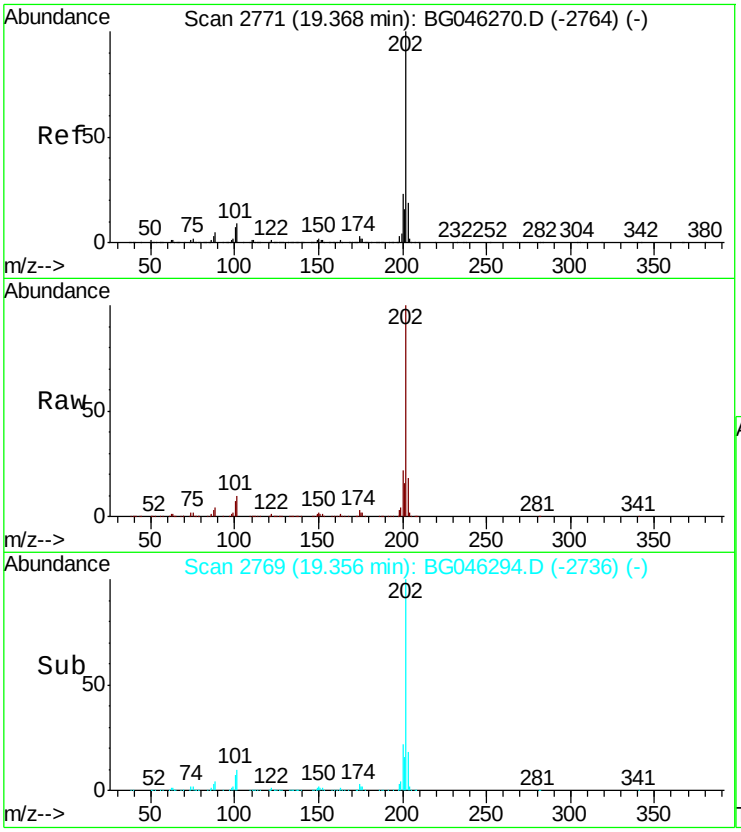


#16
Anthracene
Concen: 21.238 ng/ul
RT: 17.44 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:178 Resp: 606174

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.2	19.8
176	20.1	15.2	22.8



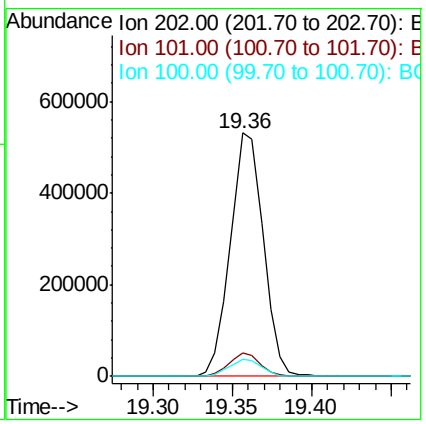


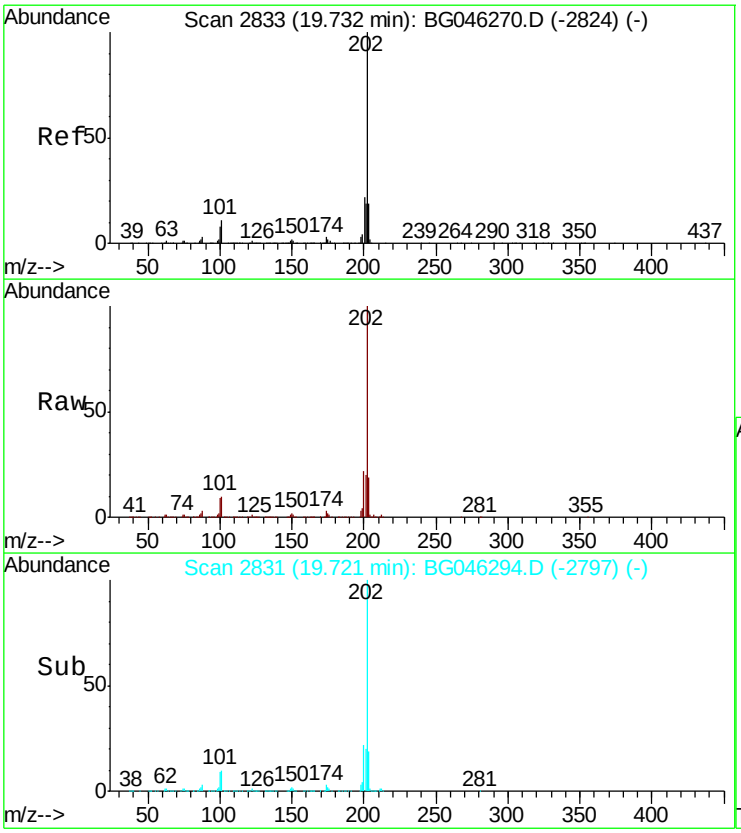
#17
Fluoranthene
Concen: 24.284 ng/ul
RT: 19.36 min Scan# 2769
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:202 Resp: 765956

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.6
100	7.2	5.9	8.9

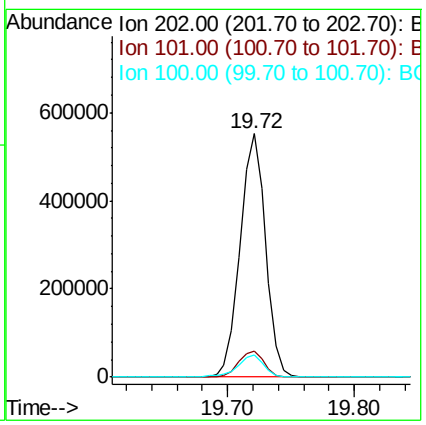


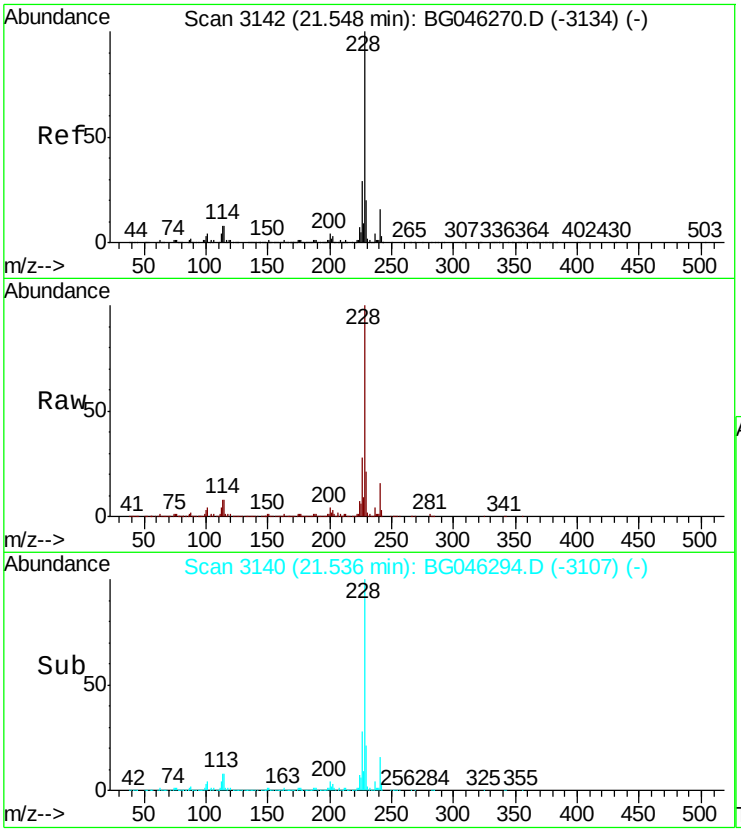


#20
Pyrene
Concen: 21.137 ng/ul
RT: 19.72 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:202 Resp: 765711

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.9	13.3
100	9.2	7.9	11.9



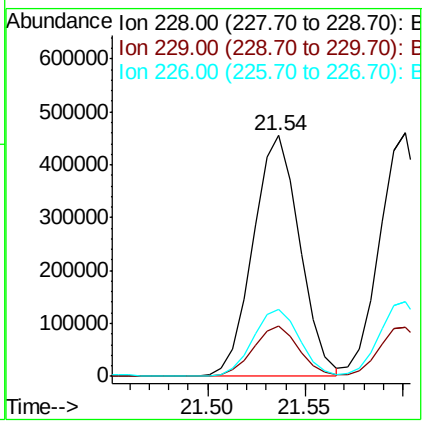


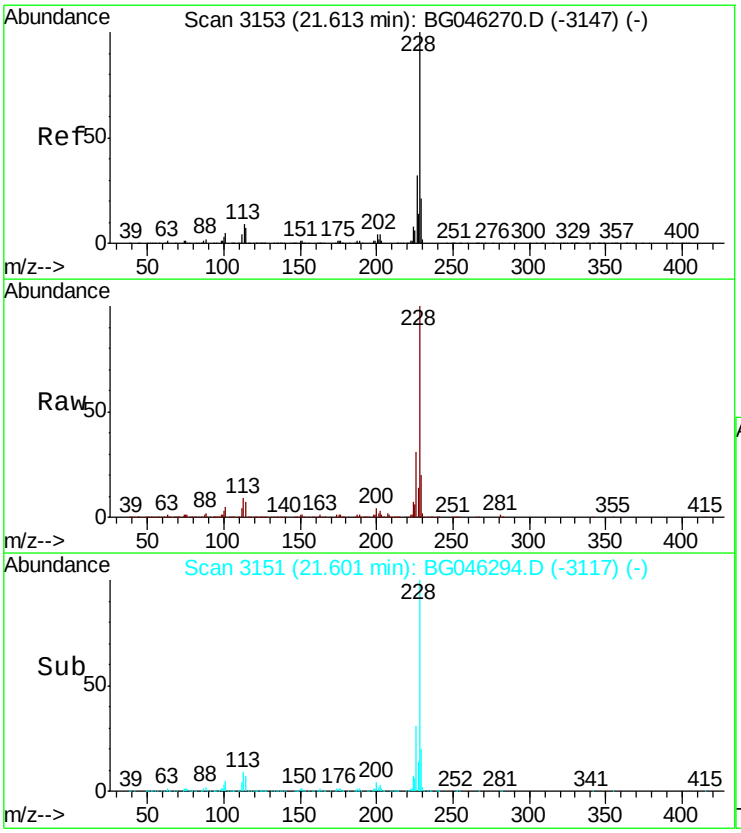
#21
Benzo(a)anthracene
Concen: 20.946 ng/ul
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:228 Resp: 752111

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.6	25.0
226	28.0	22.6	33.8

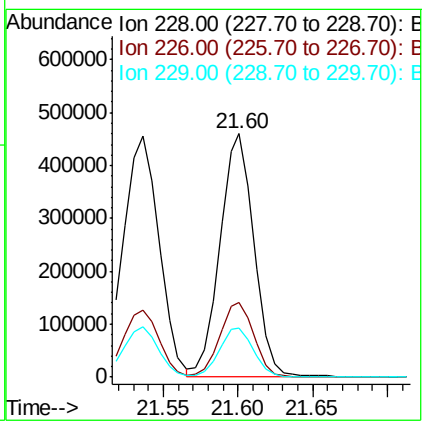


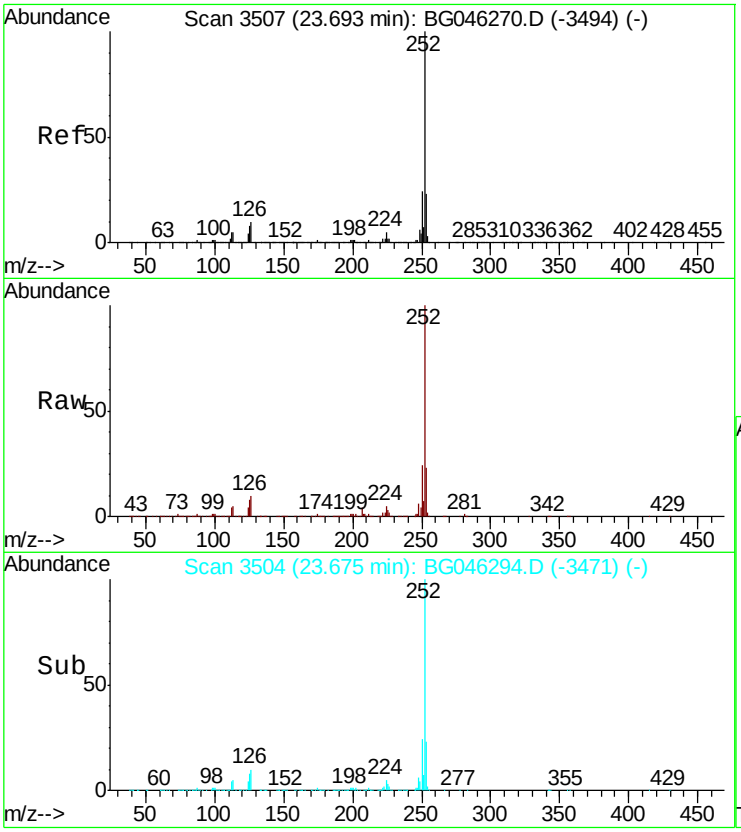


#22
Chrysene
Concen: 20.987 ng/ul
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:228 Resp: 728494

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.4	17.0	25.4



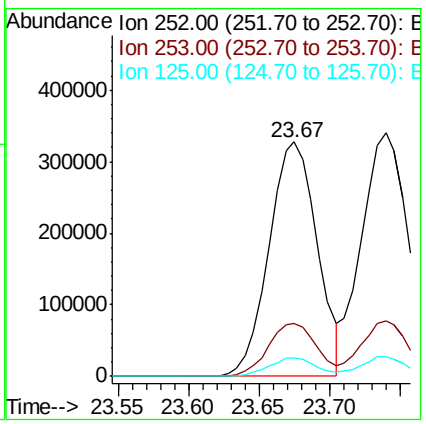


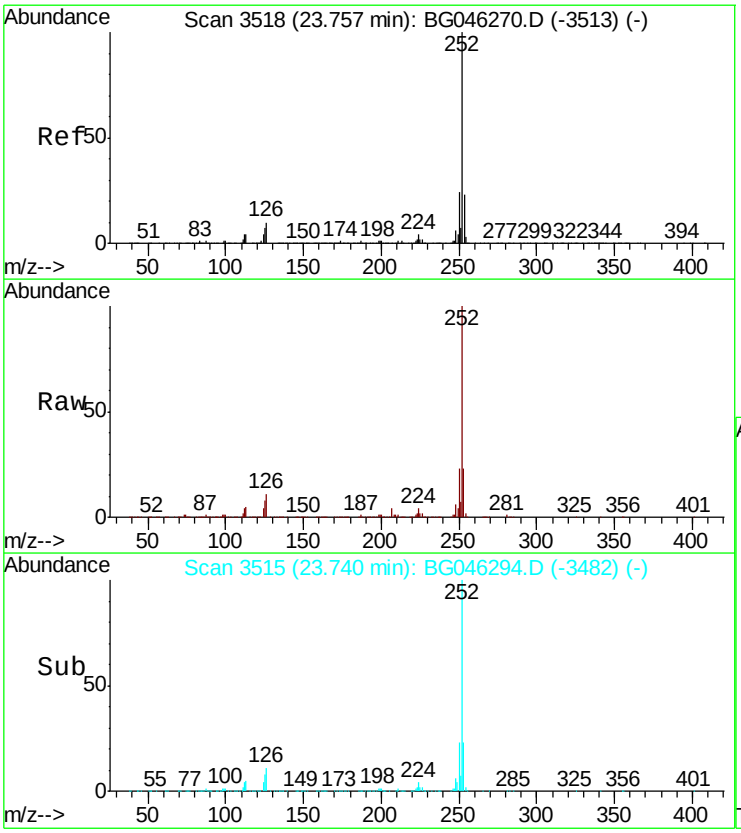
#24
Benzo(b)fluoranthene
Concen: 20.334 ng/ul
RT: 23.67 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:252 Resp: 779624

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	7.7	6.4	9.6

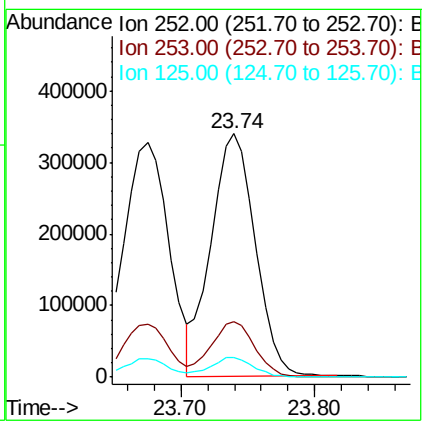


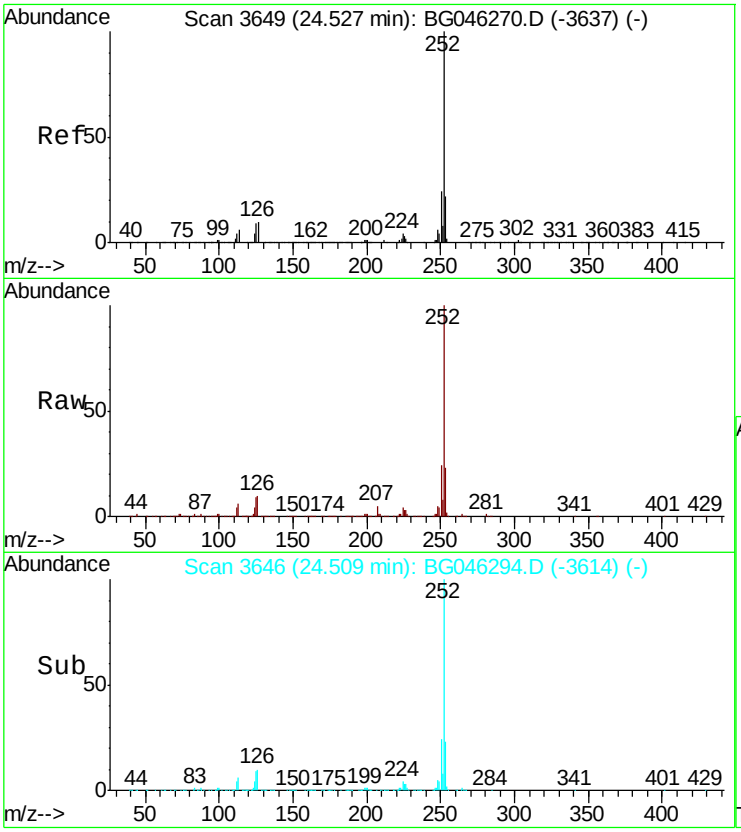


#25
Benzo(k)fluoranthene
Concen: 20.544 ng/ul
RT: 23.74 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:252 Resp: 781332

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	8.0	6.2	9.2



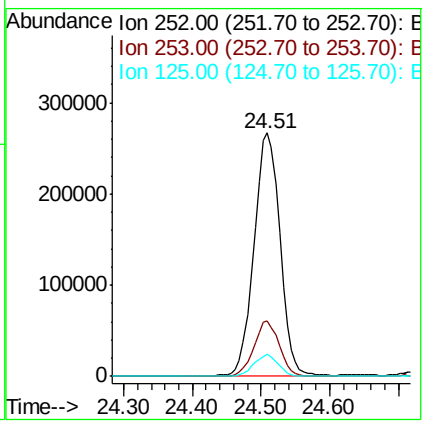


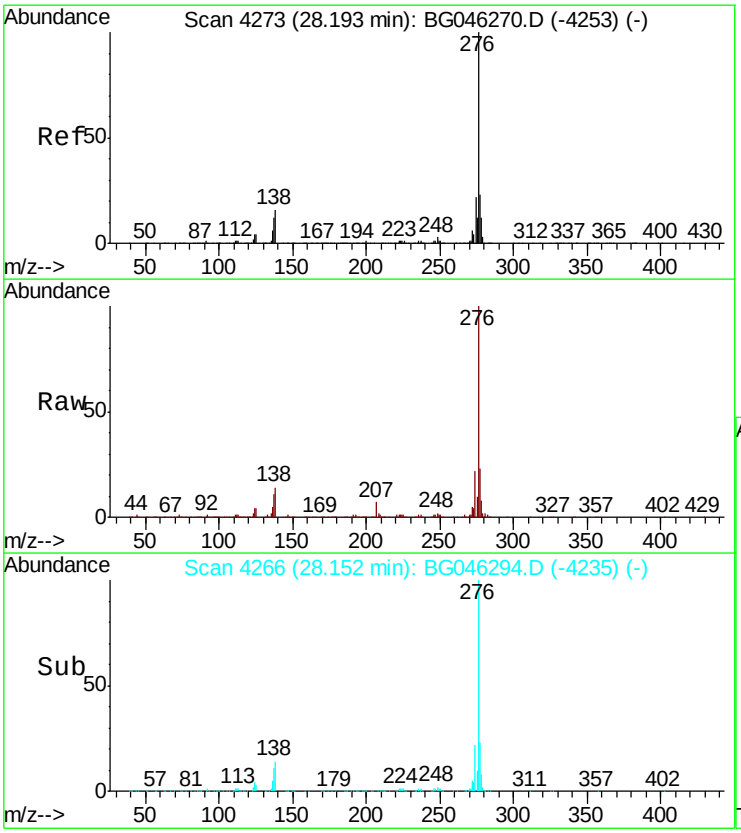
#27
Benzo(a)pyrene
Concen: 20.009 ng/ul
RT: 24.51 min Scan# 3646
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:252 Resp: 704289

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.0	7.1	10.7

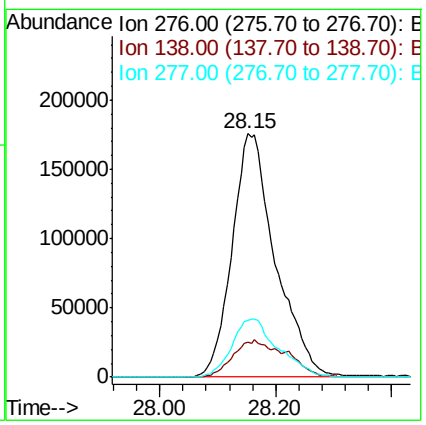


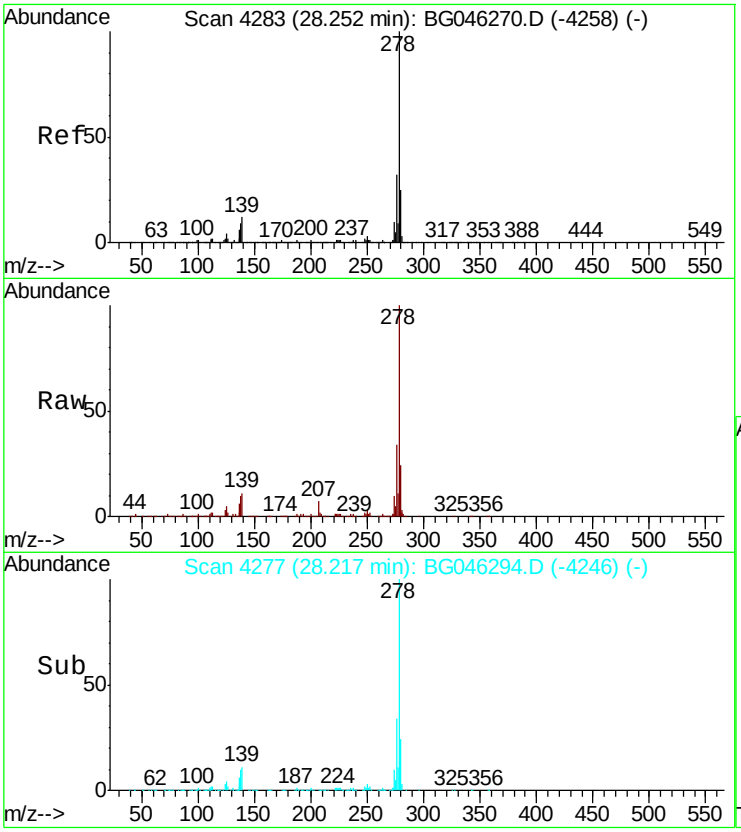


#28
Indeno(1,2,3-cd)pyrene
Concen: 20.724 ng/ul
RT: 28.15 min Scan# 4266
Delta R.T. -0.02 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:276 Resp: 913401

Ion	Ratio	Lower	Upper
276	100		
138	14.2	13.2	19.8
277	23.2	19.9	29.9



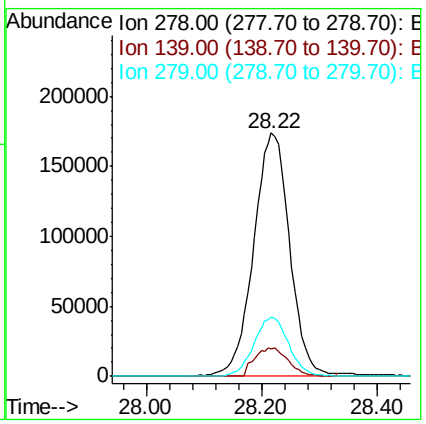


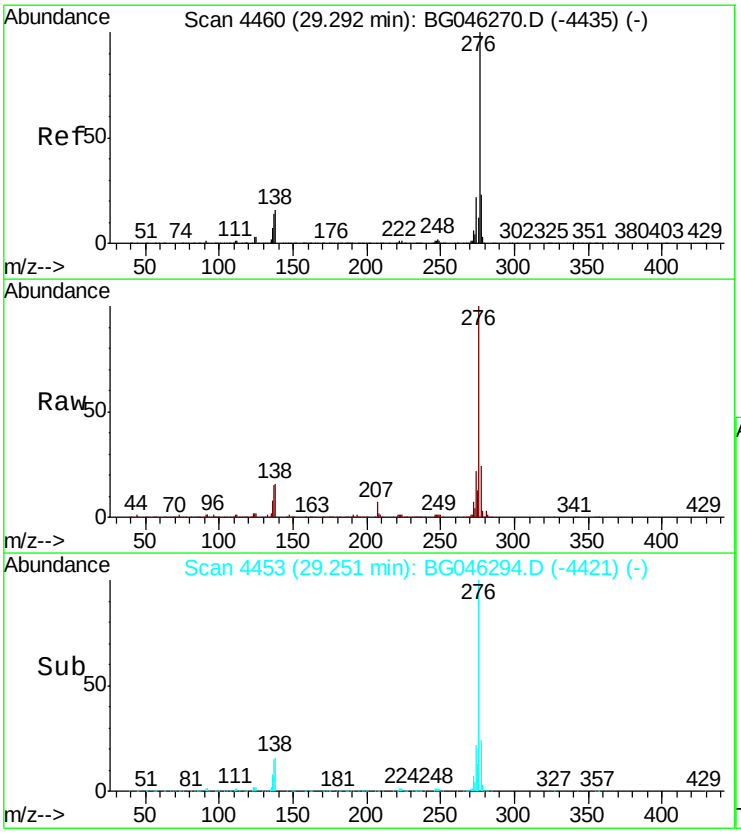
#29
Dibenzo(a,h)anthracene
Concen: 21.136 ng/ul
RT: 28.22 min Scan# 4277
Delta R.T. -0.02 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Instrument :
BNA_G
ClientSampleId :
SSTD02036

Tgt Ion:278 Resp: 755294

Ion	Ratio	Lower	Upper
278	100		
139	11.3	9.8	14.8
279	24.4	19.7	29.5





#30
Benzo(g,h,i)perylene
Concen: 20.692 ng/ul
RT: 29.25 min Scan# 4453
Delta R.T. -0.01 min
Lab File: BG046294.D
Acq: 17 Aug 2020 12:29

Tgt Ion:276 Resp: 763243

Ion	Ratio	Lower	Upper
276	100		
138	16.3	12.9	19.3
277	23.8	19.4	29.0