Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	23697	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	136139	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	86093	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.52	188	179845	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	167116	20.00	ng/ul	0.00
34) Perylene-d12	25.13	264	157782	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.53	96	145	0.28	ng/uL	0.00
3) Phenol-d5	7.32	99	6157	2.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.49	67	2877	2.58	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	6164	3.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.87	113	2265	1.22	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	2349	2.46	ng/ul	0.00
9) 2-Nitrophenol-d4	10.07	143	2160	2.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.60	165	5805	3.22	ng/ul	0.00
12) 4-Chloroaniline-d4	11.13	131	2875	2.03	ng/ul	0.02
16) Dimethylphthalate-d6	14.18	166	28796	4.34	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	37468	4.38	ng/ul	0.00
20) 4-Nitrophenol-d4	15.09	143	187	0.16	ng/ul	0.10
21) Fluorene-d10	15.77	176	25300	4.23	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.90	200	1554	1.74	ng/ul	0.00
26) Anthracene-d10	17.52	188	179845	21.70	ng/ul	-0.10
30) Pyrene-d10	19.90	212	38974	4.42	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	31830	4.54	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	53504	8.08	ng/ul	98
13) 2-Methylnaphthalene	12.63	142	7534	1.57	ng/ul	100
19) Acenaphthene	14.84	153	41901	6.85	ng/ul	97
22) Fluorene	15.83	166	26168	3.87	ng/ul	98
25) Phenanthrene	17.57	178	357782	37.22	ng/ul	97
27) Anthracene	17.66	178	69157	7.16	ng/ul	98
28) Fluoranthene	19.57	202	494091	49.46	ng/ul#	93
31) Pyrene	19.57	202	494091	42.93	ng/ul	98
32) Benzo(a)anthracene	21.79	228	217704	23.48	ng/ul	97
33) Chrysene	21.85	228	191306	21.21	ng/ul	96
35) Benzo(b)fluoranthene	24.08	252	269637	29.73	ng/ul#	93
36) Benzo(k)fluoranthene	24.08	252	269637	30.22	ng/ul#	93
38) Benzo(a)pyrene	24.97	252	194670	22.44	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.94	276	132256	13.41	ng/ul#	94
40) Dibenzo(a,h)anthracene	28.97	278	20346	2.49	ng/ul#	87
41) Benzo(g,h,i)perylene	30.13	276	130217	15.61	ng/ul#	91

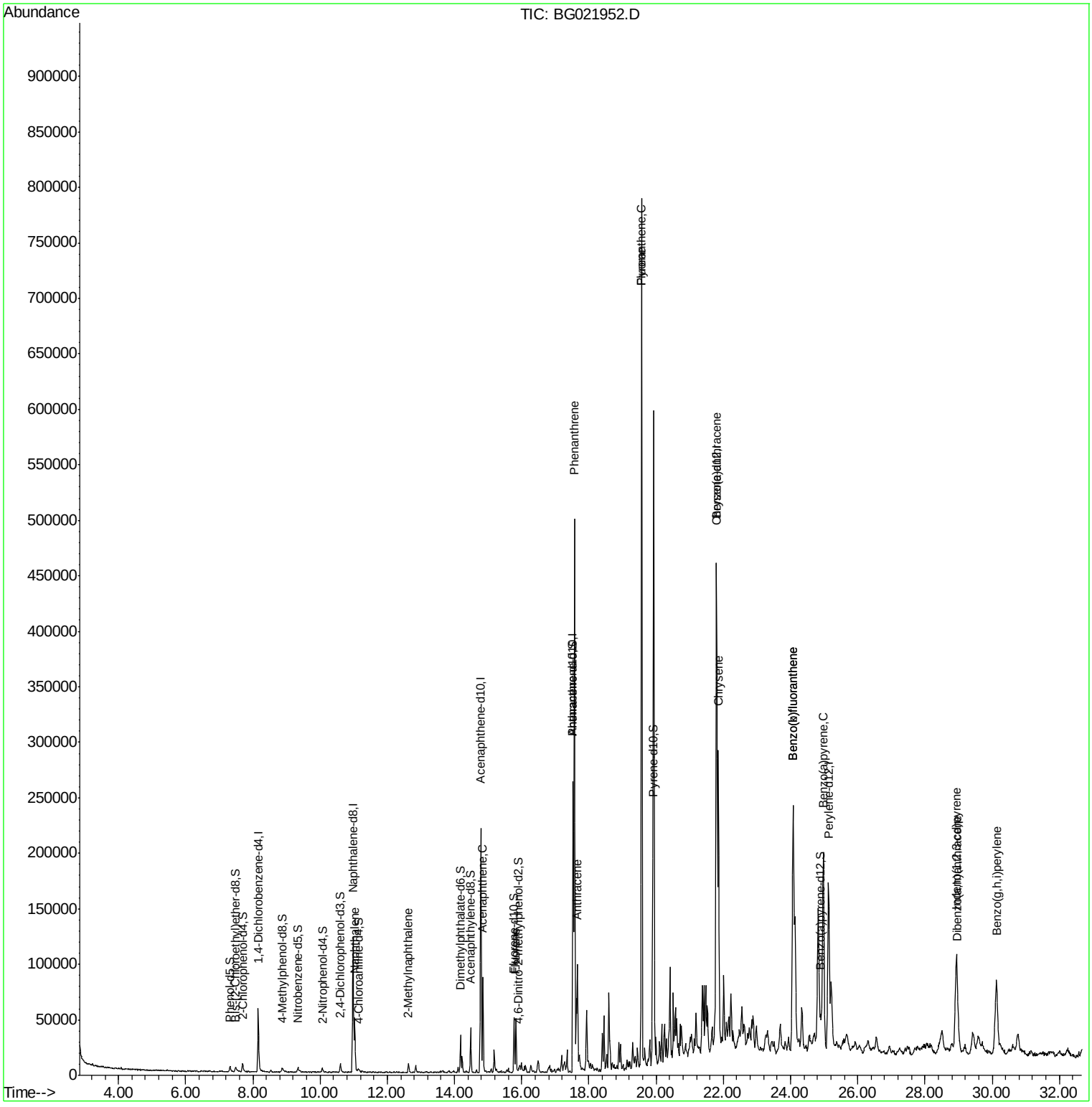
(#) = qualifier out of range (m) = manual integration (+) = signals summed

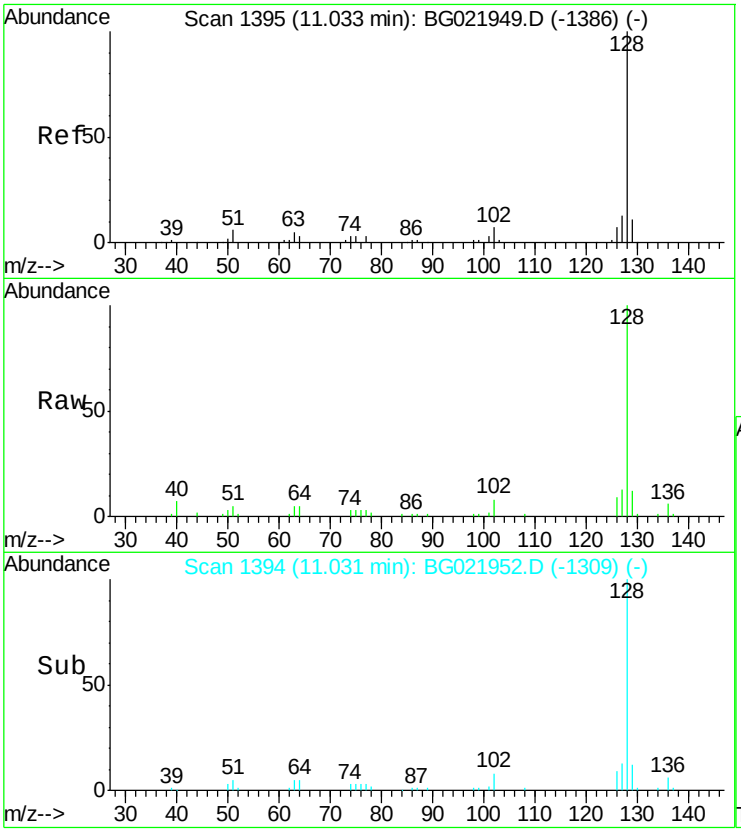
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051816\
Data File : BG021952.D
Acq On : 19 May 2016 3:58
Operator : UM/SJ
Sample : H3096-04DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Quant Time: May 19 04:33:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 19 03:59:04 2016
Response via : Initial Calibration



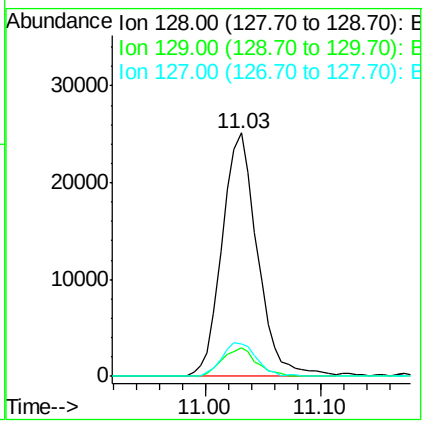


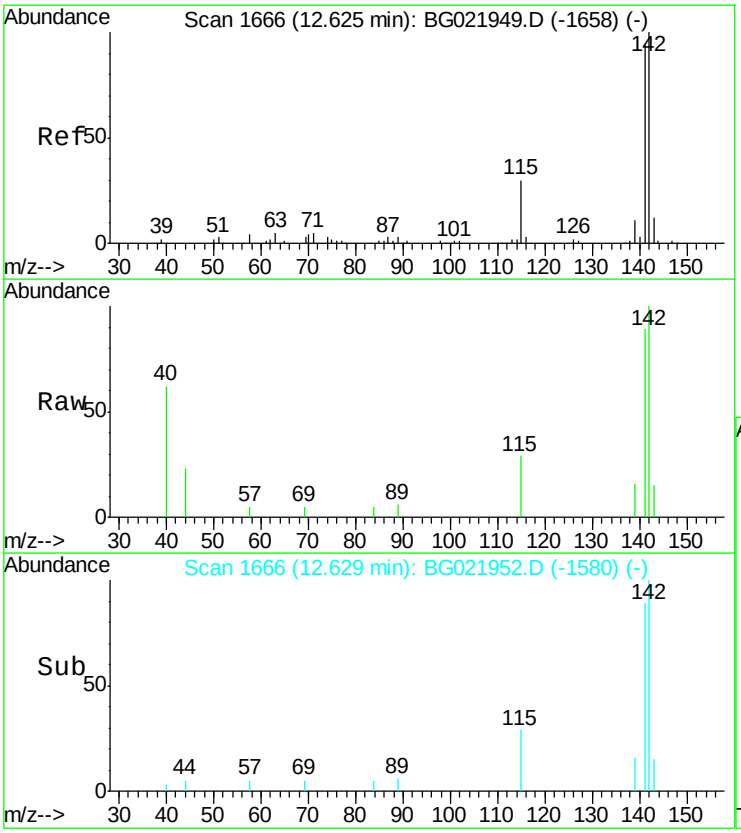
#11
Naphthalene
Concen: 8.08 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:128 Resp: 53504

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.3	12.5
127	13.1	10.8	16.2

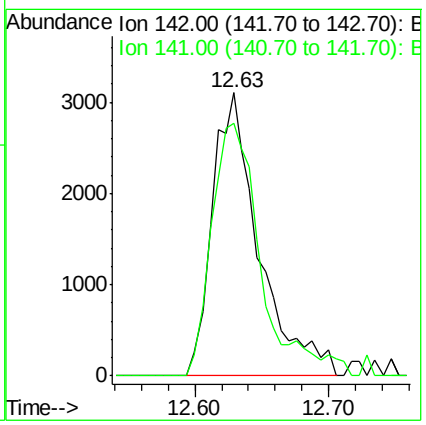


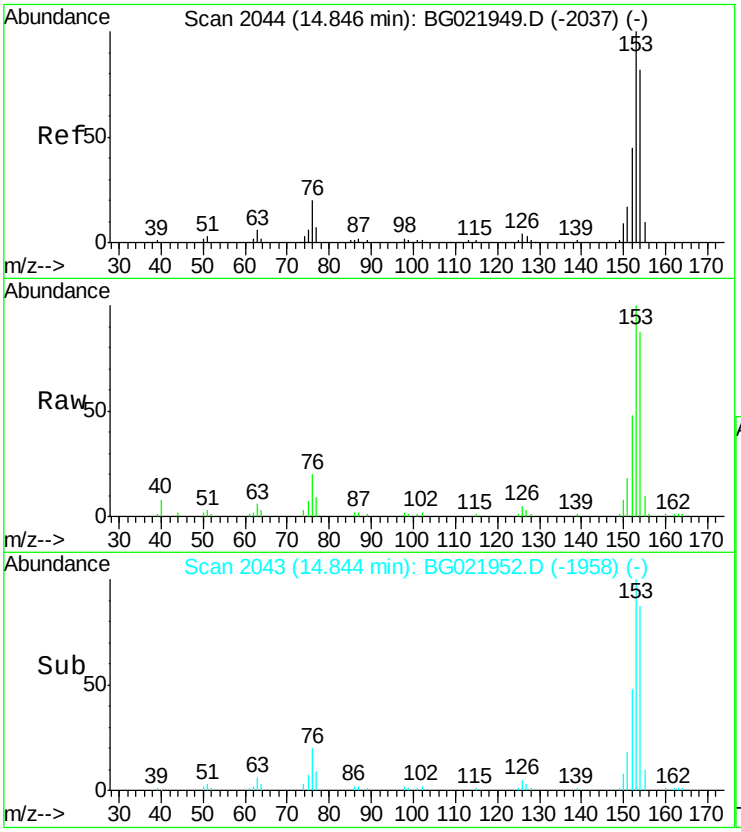


#13
2-Methylnaphthalene
Concen: 1.57 ng/ul
RT: 12.63 min Scan# 1666
Delta R.T. 0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:142 Resp: 7534

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9



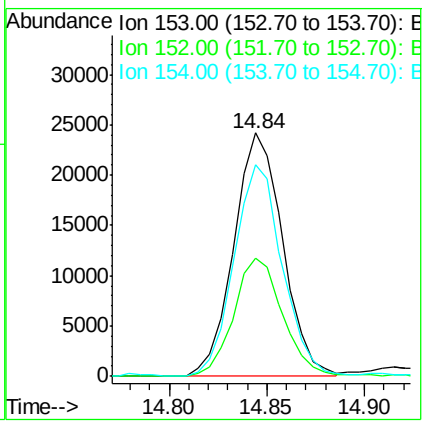


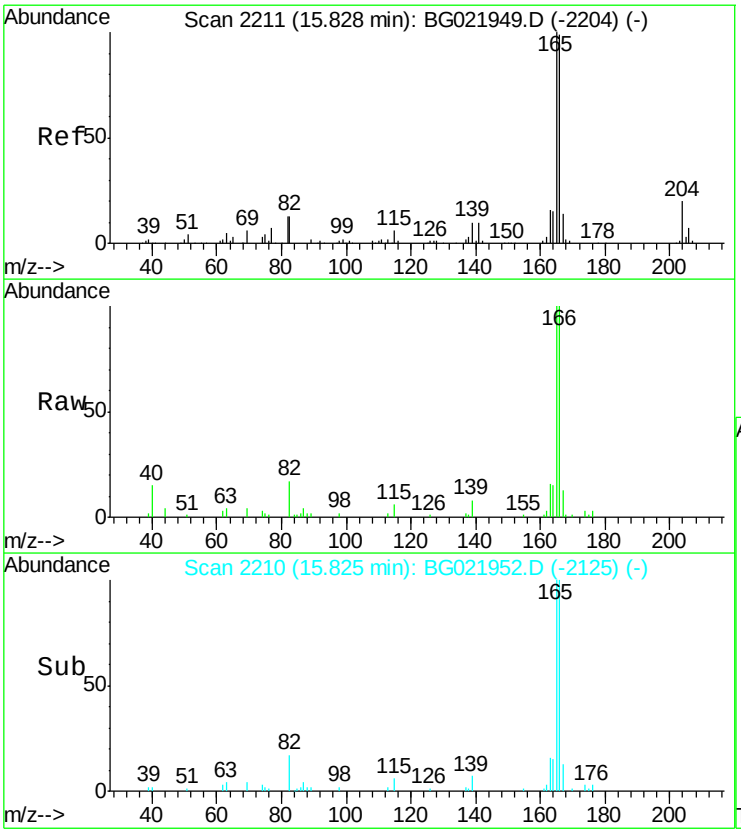
#19
Acenaphthene
Concen: 6.85 ng/ul
RT: 14.84 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:153 Resp: 41901

Ion	Ratio	Lower	Upper
153	100		
152	48.4	36.5	54.7
154	86.8	67.3	100.9

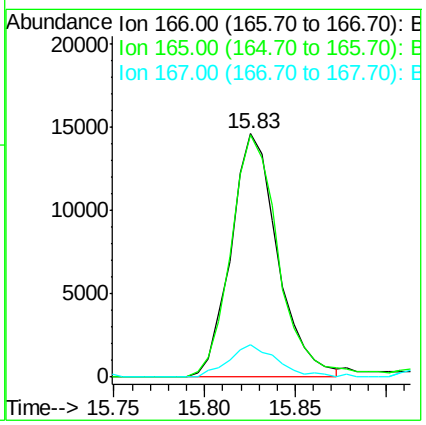


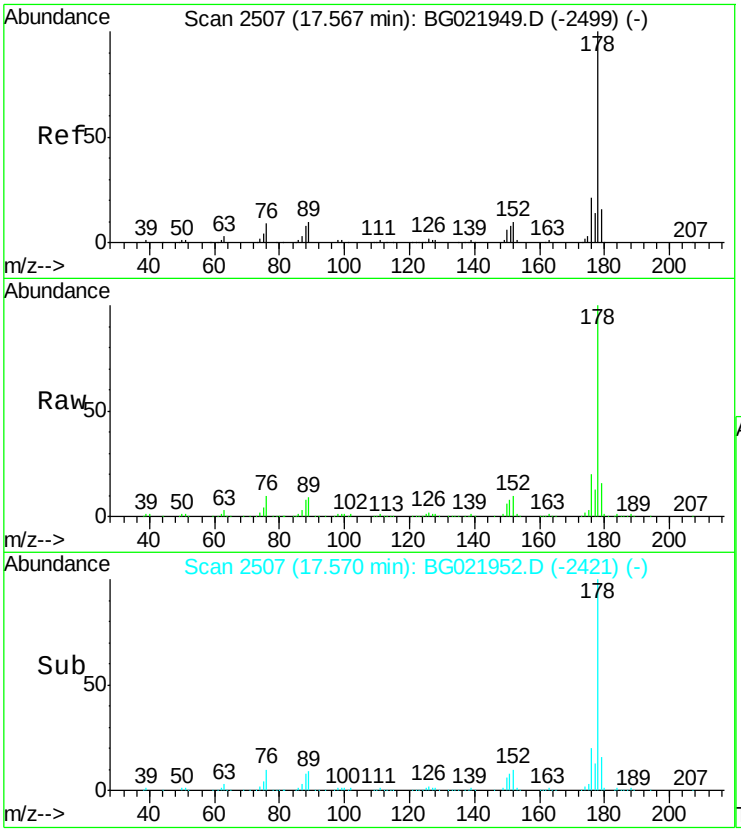


#22
Fluorene
Concen: 3.87 ng/ul
RT: 15.83 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:166 Resp: 26168

Ion	Ratio	Lower	Upper
166	100		
165	99.7	81.1	121.7
167	13.1	10.6	16.0



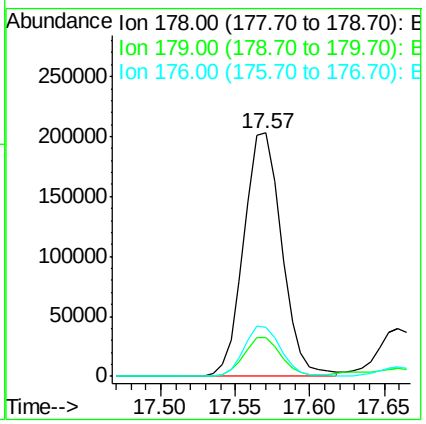


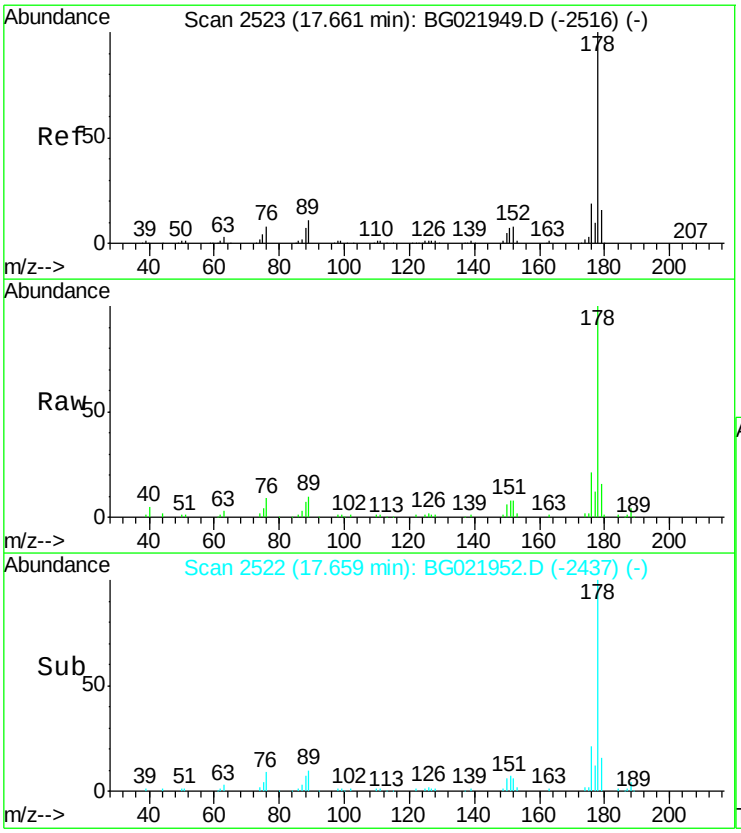
#25
Phenanthrene
Concen: 37.22 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:178 Resp: 357782

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	20.0	14.8	22.2

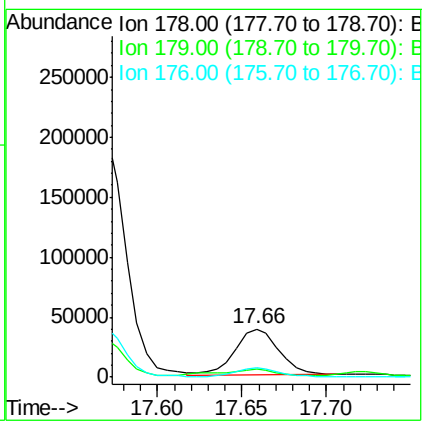


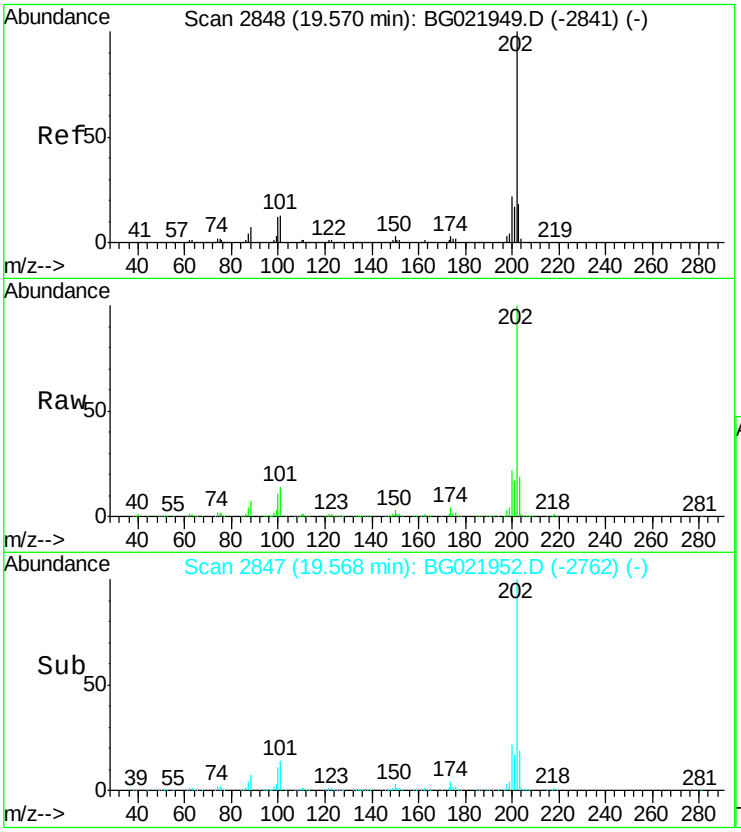


#27
Anthracene
Concen: 7.16 ng/ul
RT: 17.66 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:178 Resp: 69157

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.9	19.3
176	20.6	15.6	23.4



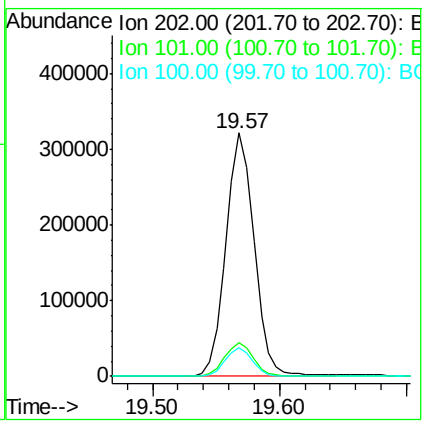


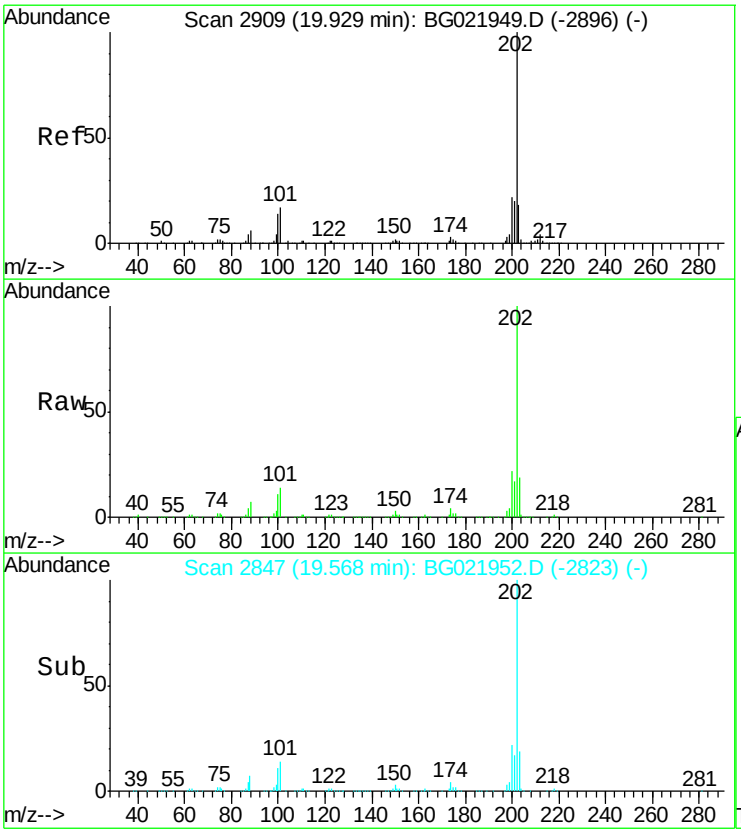
#28
Fluoranthene
Concen: 49.46 ng/ul
RT: 19.57 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:202 Resp: 494091

Ion	Ratio	Lower	Upper
202	100		
101	13.8	8.9	13.3#
100	11.5	7.0	10.4#

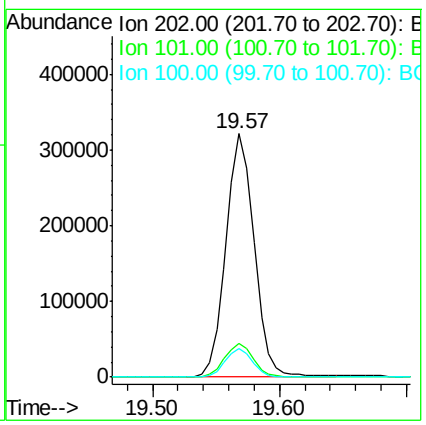


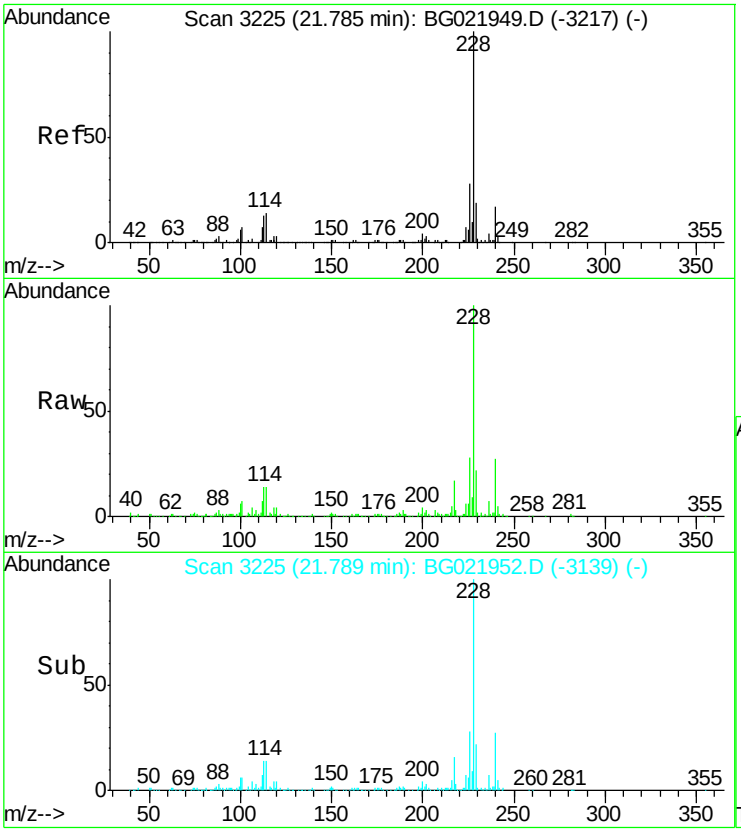


#31
Pyrene
Concen: 42.93 ng/ul
RT: 19.57 min Scan# 2847
Delta R.T. -0.36 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:202 Resp: 494091

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
100	11.5	9.3	13.9



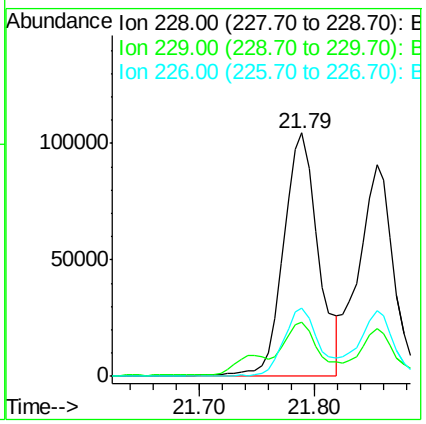


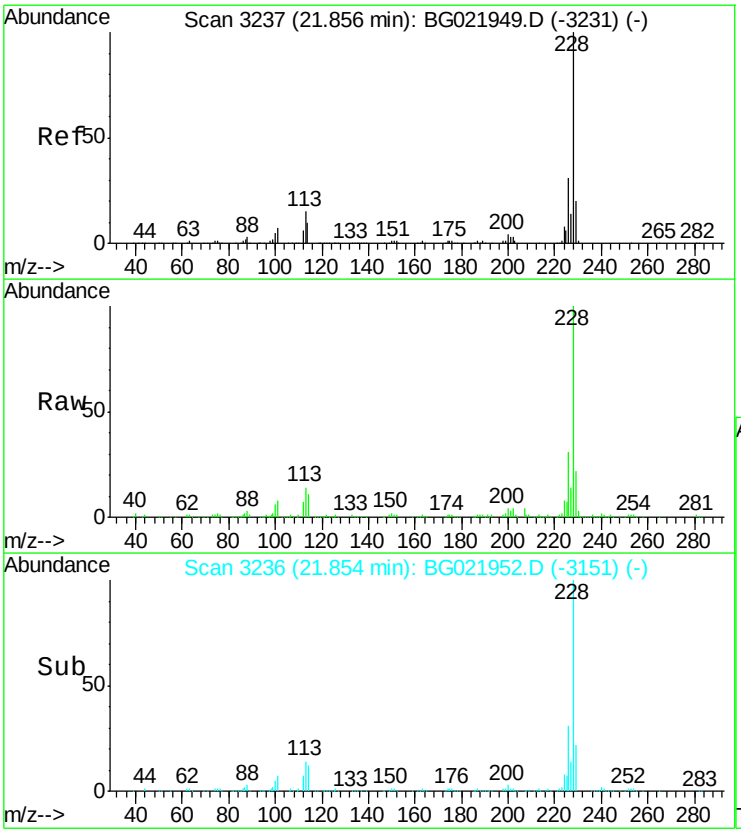
#32
Benzo(a)anthracene
Concen: 23.48 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. 0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:228 Resp: 217704

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.6	25.0
226	27.8	21.0	31.4

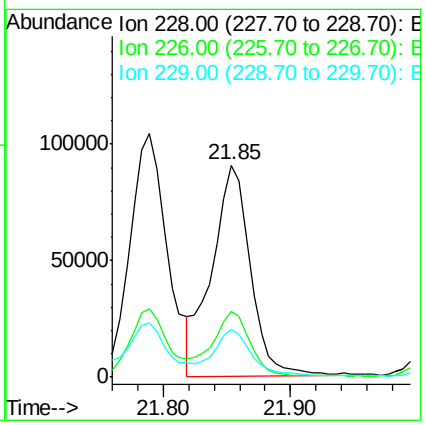


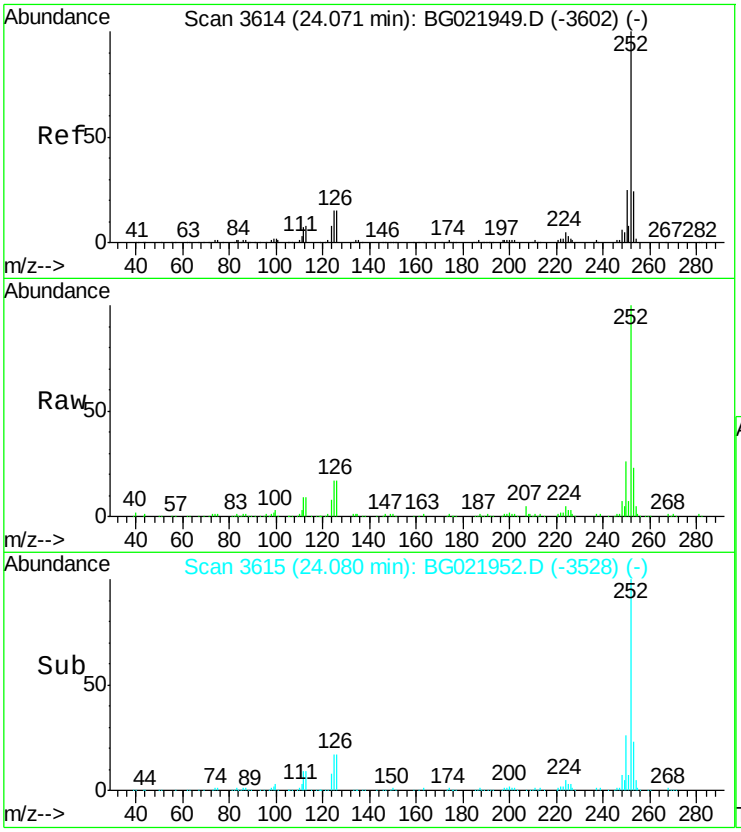


#33
Chrysene
Concen: 21.21 ng/ul
RT: 21.85 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:228 Resp: 191306

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.4	35.2
229	22.4	16.2	24.2



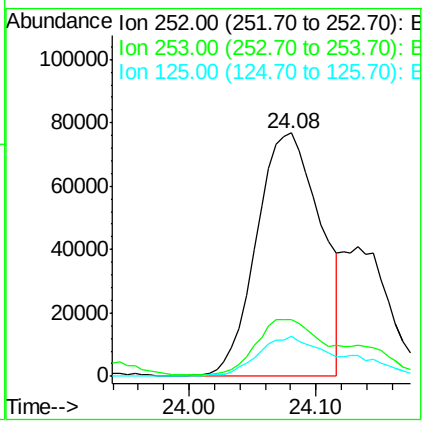


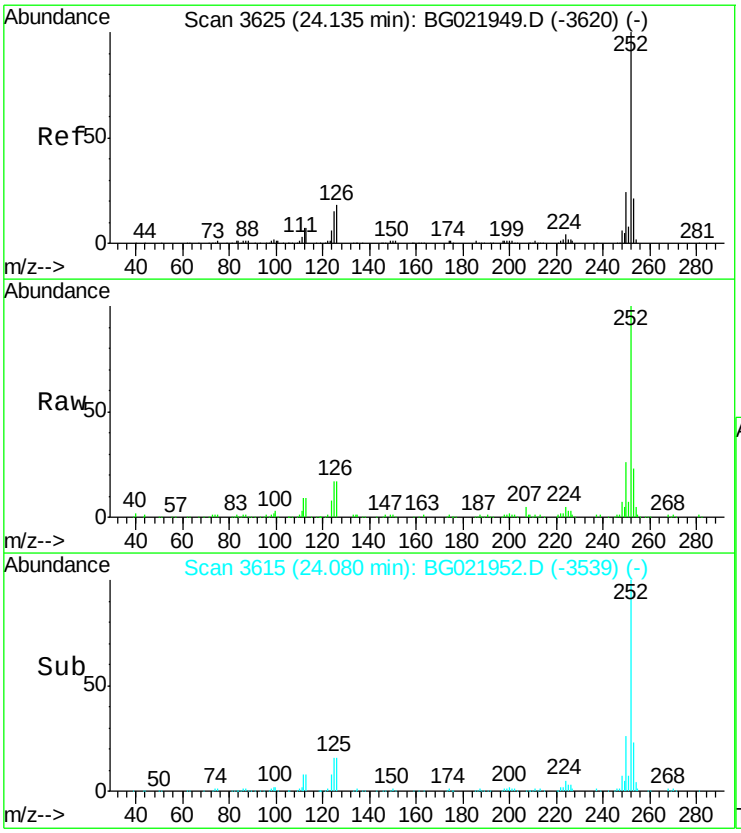
#35
Benzo(b)fluoranthene
Concen: 29.73 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. 0.01 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:252 Resp: 269637

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	16.5	7.6	11.4#

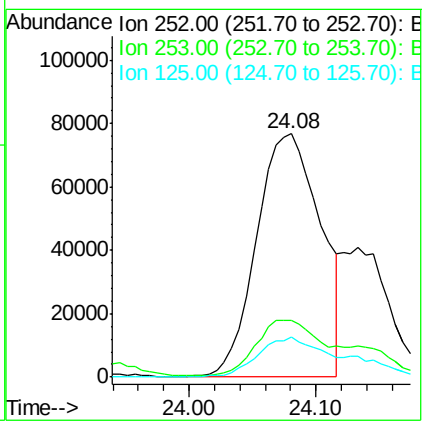


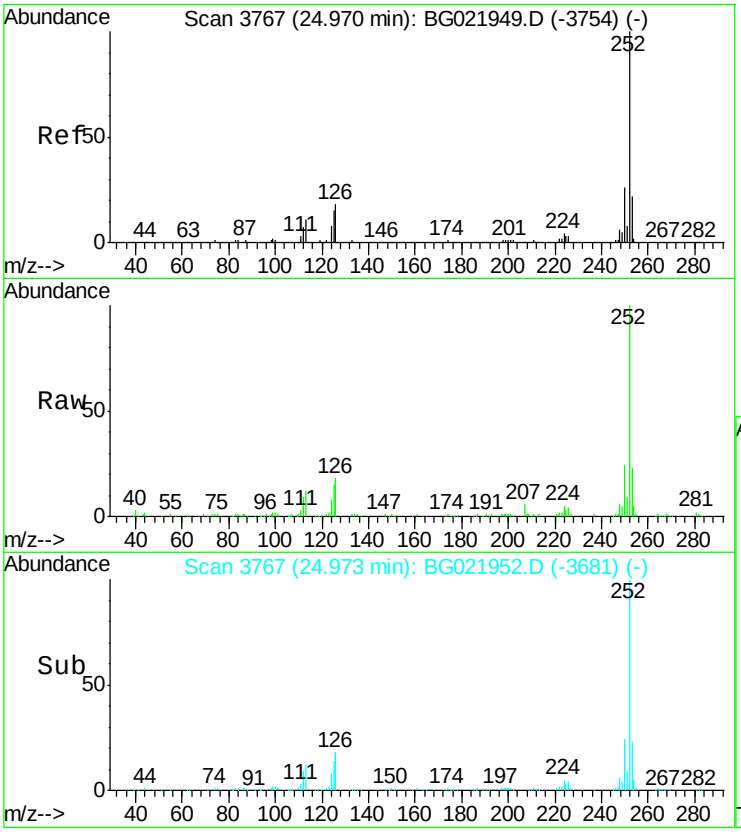


#36
Benzo(k)fluoranthene
Concen: 30.22 ng/ul
RT: 24.08 min Scan# 3615
Delta R.T. -0.06 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:252 Resp: 269637

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	16.5	7.7	11.5#



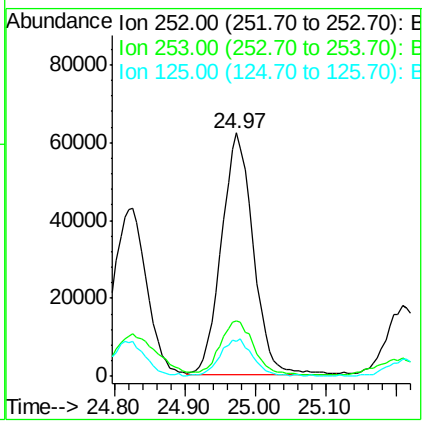


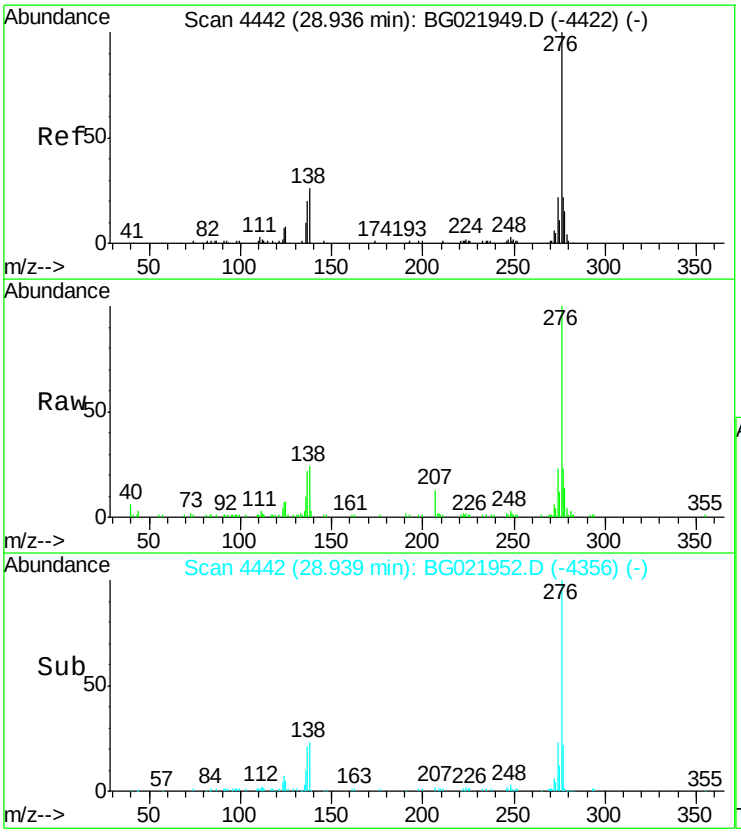
#38
Benzo(a)pyrene
Concen: 22.44 ng/ul
RT: 24.97 min Scan# 3767
Delta R.T. 0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:252 Resp: 194670

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	14.6	8.2	12.2#

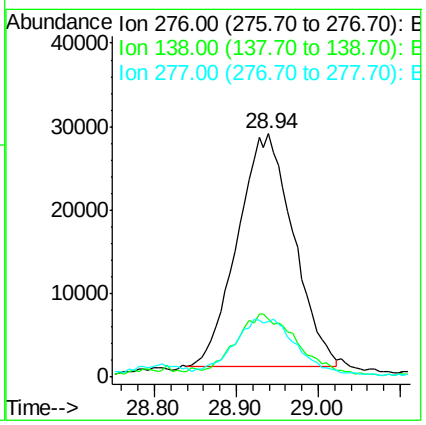


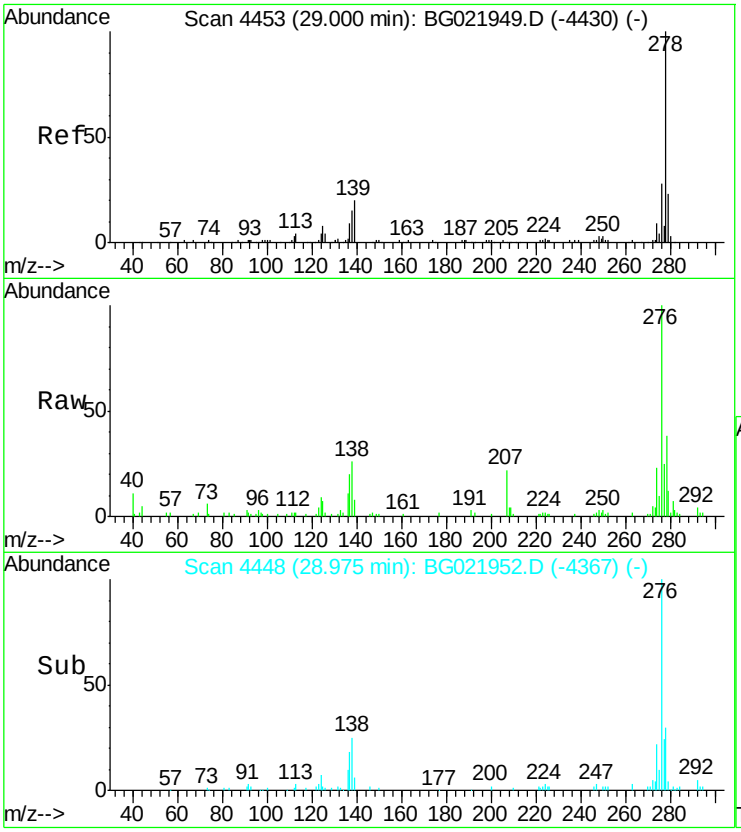


#39
Indeno(1,2,3-cd)pyrene
Concen: 13.41 ng/ul
RT: 28.94 min Scan# 4442
Delta R.T. 0.00 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:276 Resp: 132256

Ion	Ratio	Lower	Upper
276	100		
138	24.0	15.8	23.6#
277	22.6	19.0	28.6



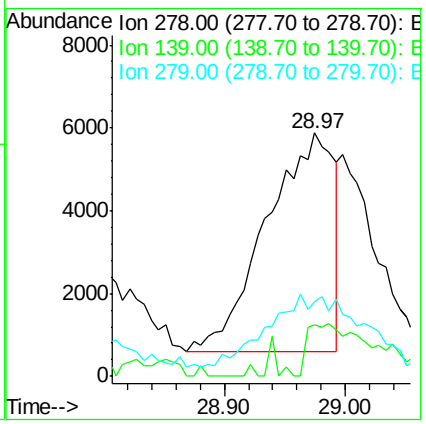


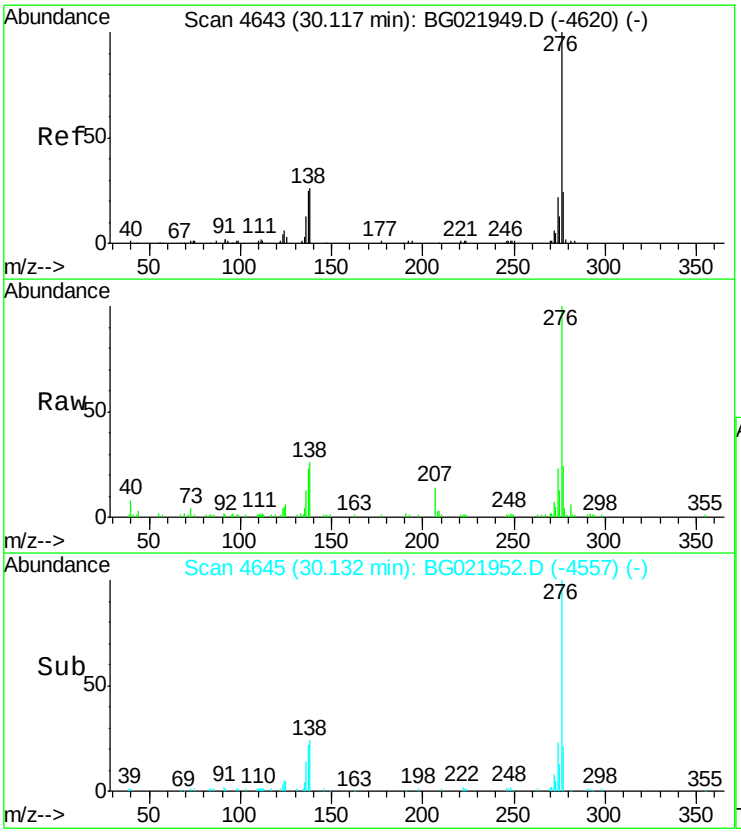
#40
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 28.97 min Scan# 4448
Delta R.T. -0.03 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Instrument :
BNA_G
ClientSampleId :
D9XF9DL

Tgt Ion:278 Resp: 20346

Ion	Ratio	Lower	Upper
278	100		
139	21.4	12.1	18.1#
279	30.7	19.8	29.8#





#41
Benzo(g,h,i)perylene
Concen: 15.61 ng/ul
RT: 30.13 min Scan# 4645
Delta R.T. 0.02 min
Lab File: BG021952.D
Acq: 19 May 2016 3:58

Tgt Ion:276 Resp: 130217

Ion	Ratio	Lower	Upper
276	100		
138	25.9	13.9	20.9#
277	24.2	19.8	29.6