Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021958.D
Acq On : 19 May 2016 11:14
Operator : UM/SJ
Sample : H3092-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: May 20 05:46:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	26306	20.00	ng/ul	0.00
7) Naphthalene-d8	10.98	136	136328	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.78	164	80212	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.53	188	163221	20.00	ng/ul	0.00
29) Chrysene-d12	21.81	240	144285	20.00	ng/ul	0.00
34) Perylene-d12	25.14	264	131923	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.54	96	2362	4.12	ng/uL	0.00
3) Phenol-d5	7.31	99	53256	22.93	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.48	67	29932	24.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.69	132	47905	25.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.86	113	46338	22.39	ng/ul	0.00
8) Nitrobenzene-d5	9.33	128	25482	26.64	ng/ul	0.00
9) 2-Nitrophenol-d4	10.05	143	26169	25.64	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.59	165	43804	24.29	ng/ul	0.00
12) 4-Chloroaniline-d4	11.11	131	48357	34.04	ng/ul	0.00
16) Dimethylphthalate-d6	14.18	166	187315	30.29	ng/ul	0.00
17) Acenaphthylene-d8	14.48	160	232157	29.14	ng/ul	0.00
20) 4-Nitrophenol-d4	14.98	143	28883	26.55	ng/ul	0.00
21) Fluorene-d10	15.77	176	168917	30.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.89	200	20327	25.09	ng/ul	0.00
26) Anthracene-d10	17.63	188	263006	34.97	ng/ul	0.00
30) Pyrene-d10	19.90	212	285083	37.45	ng/ul	0.00
37) Benzo(a)pyrene-d12	24.90	264	232909	39.75	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	11.03	128	42533	6.41	ng/ul	98
13) 2-Methylnaphthalene	12.84	142	59885	12.46	ng/ul	89
14) 1-Methylnaphthalene	12.84	142	59885	12.18	ng/ul#	97
25) Phenanthrene	17.57	178	236411	27.10	ng/ul	97
27) Anthracene	17.66	178	92775	10.58	ng/ul	98
28) Fluoranthene	19.57	202	206474	22.77	ng/ul#	94
31) Pyrene	19.57	202	206474	20.78	ng/ul	99
32) Benzo(a)anthracene	21.86	228	150053	18.75	ng/ul	95
33) Chrysene	21.86	228	150053	19.27	ng/ul	99
38) Benzo(a)pyrene	24.97	252	119358	16.46	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	28.94	276	81898	9.94	ng/ul#	93
40) Dibenzo(a,h)anthracene	29.01	278	84693	12.40	ng/ul	95

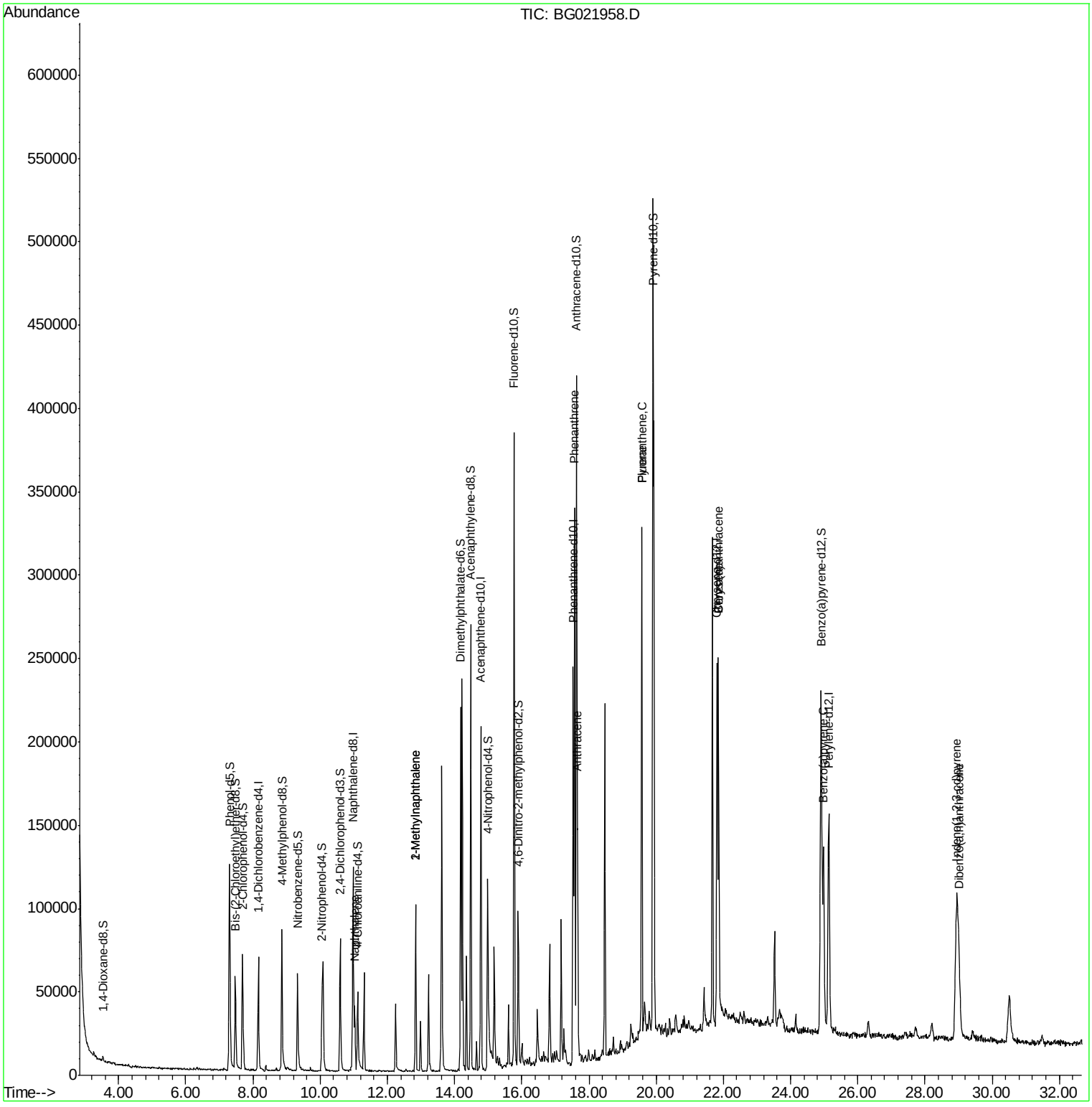
(#) = qualifier out of range (m) = manual integration (+) = signals summed

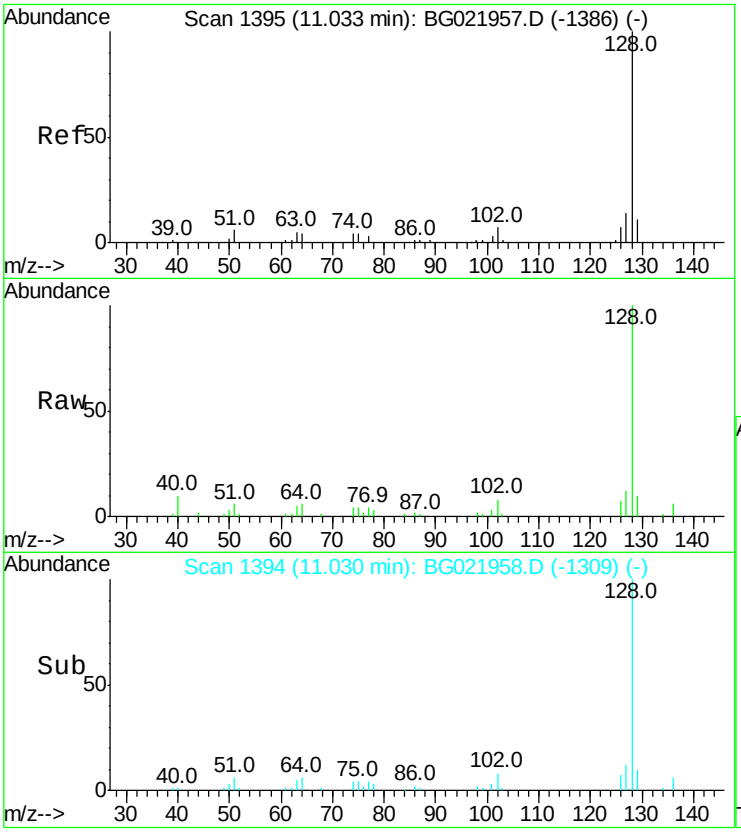
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051916\
Data File : BG021958.D
Acq On : 19 May 2016 11:14
Operator : UM/SJ
Sample : H3092-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: May 20 05:46:20 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 05:44:47 2016
Response via : Initial Calibration



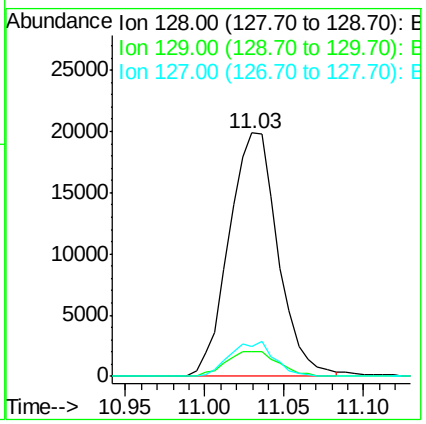


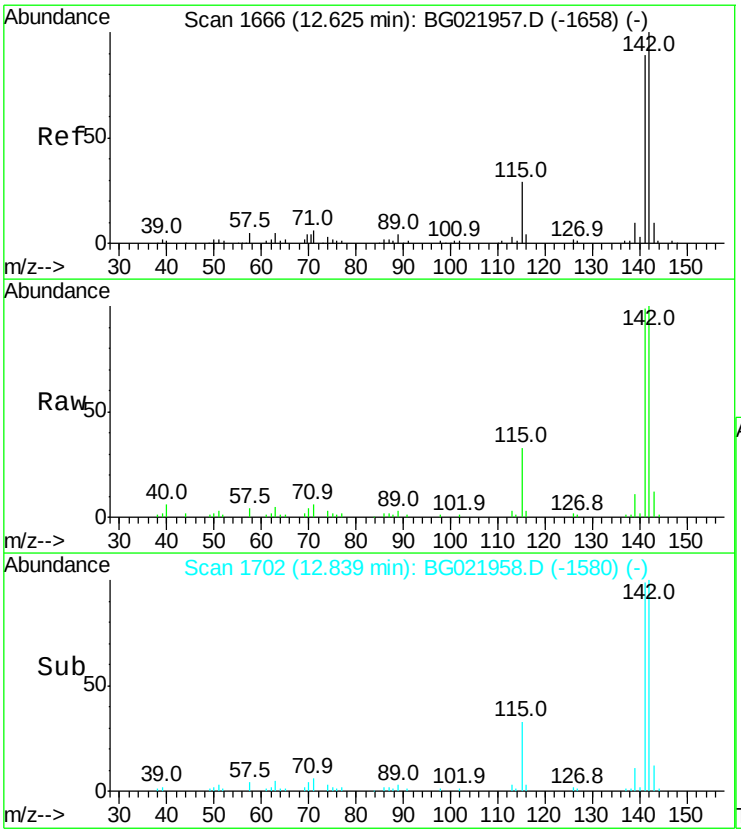
#11
Naphthalene
Concen: 6.41 ng/ul
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 42533

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.3	12.5
127	12.3	10.8	16.2

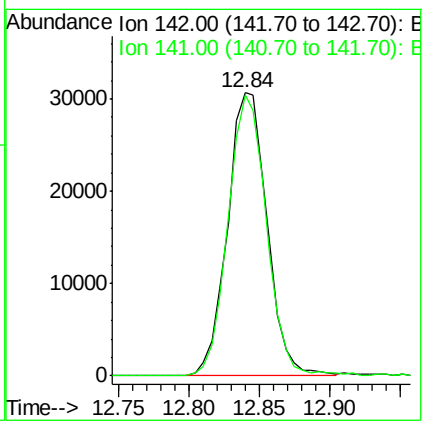


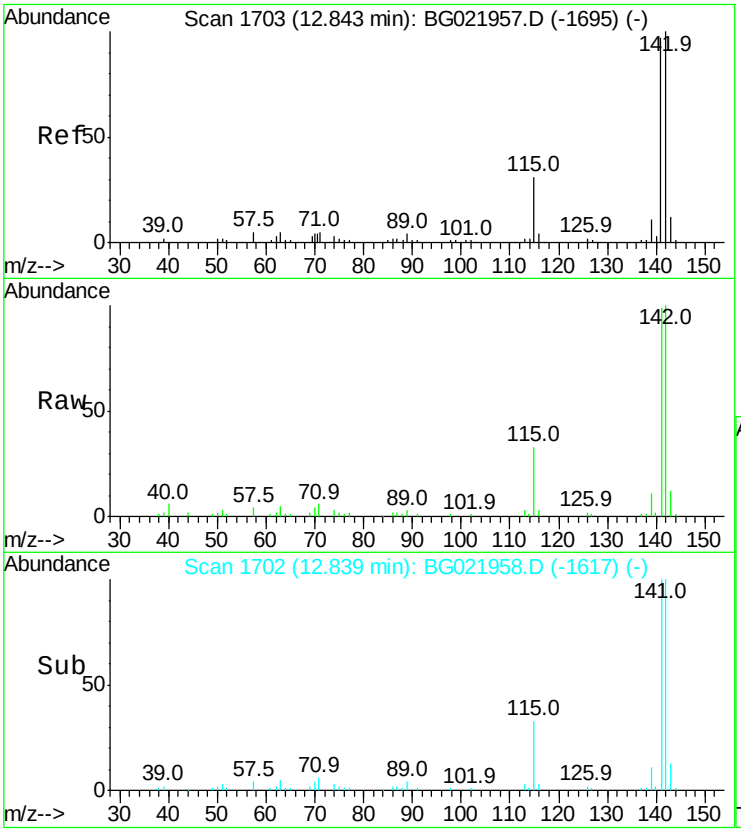


#13
2-Methylnaphthalene
Concen: 12.46 ng/ul
RT: 12.84 min Scan# 1702
Delta R.T. 0.21 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:142 Resp: 59885

Ion	Ratio	Lower	Upper
142	100		
141	99.3	71.3	106.9



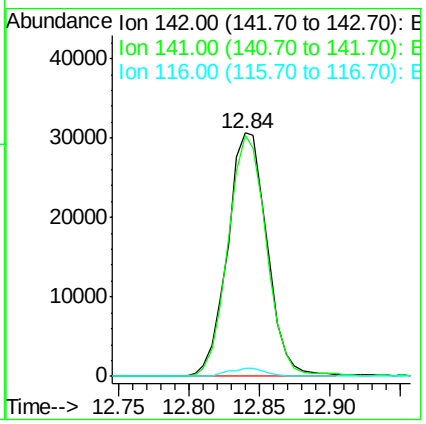


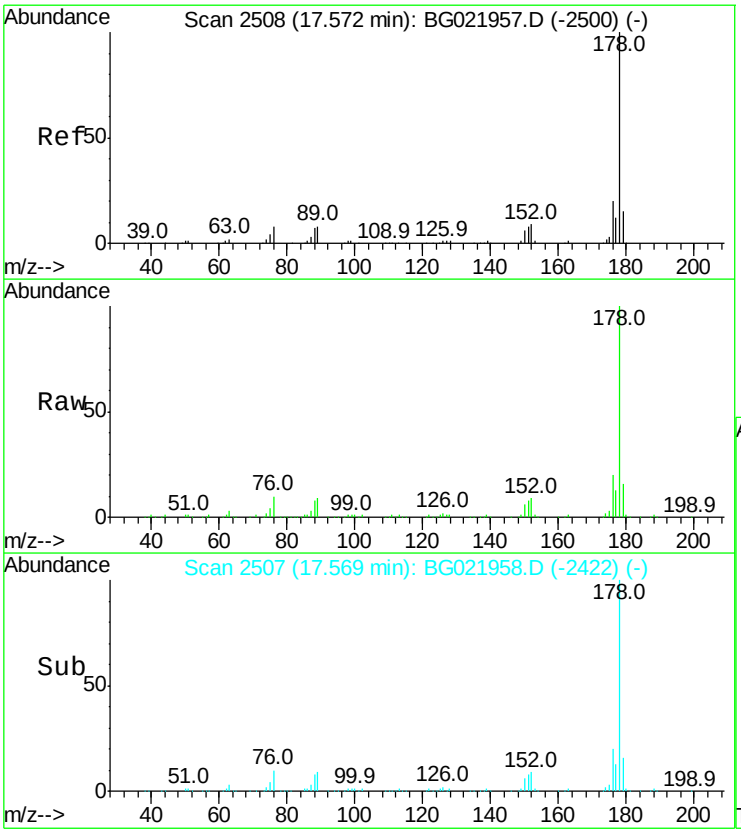
#14
1-Methylnaphthalene
Concen: 12.18 ng/ul
RT: 12.84 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:142 Resp: 59885

Ion	Ratio	Lower	Upper
142	100		
141	99.3	77.0	115.4
116	3.3	4.2	6.4#

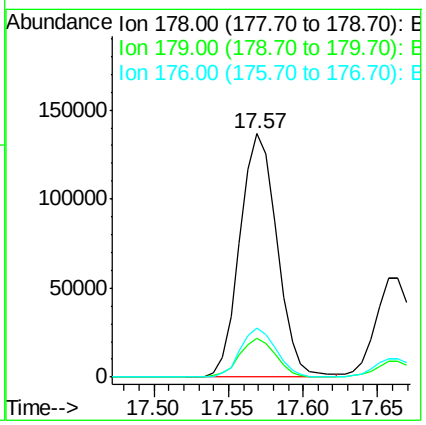


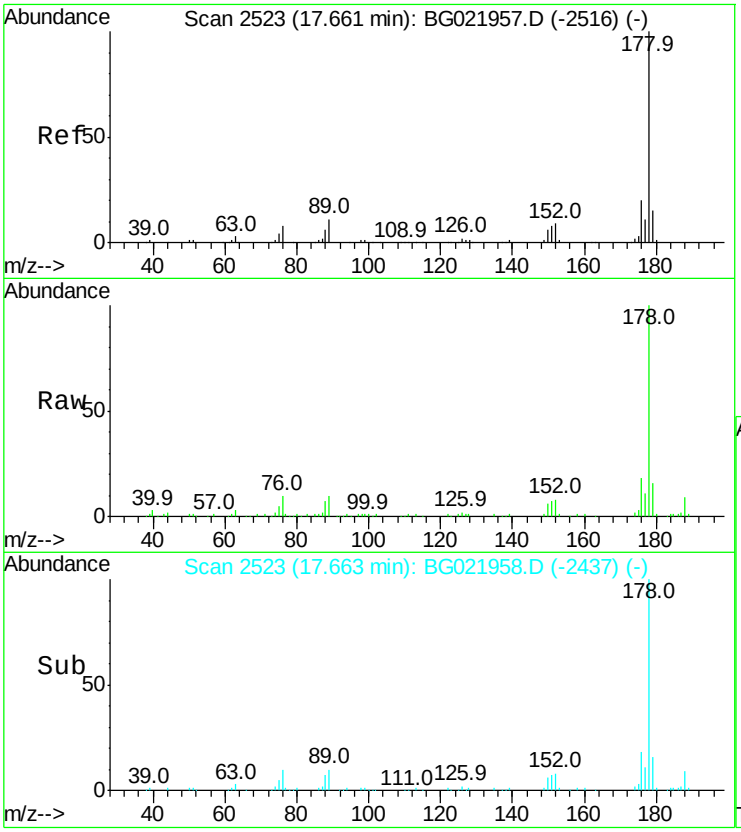


#25
Phenanthrene
Concen: 27.10 ng/ul
RT: 17.57 min Scan# 2507
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:178 Resp: 236411

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	20.3	14.8	22.2



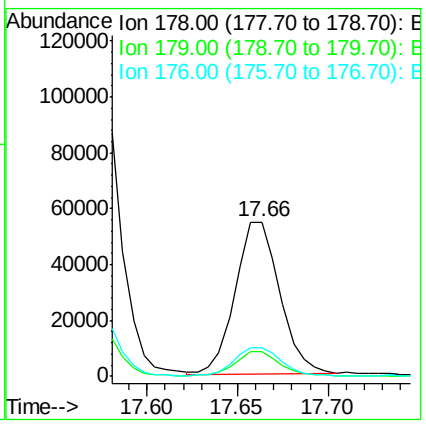


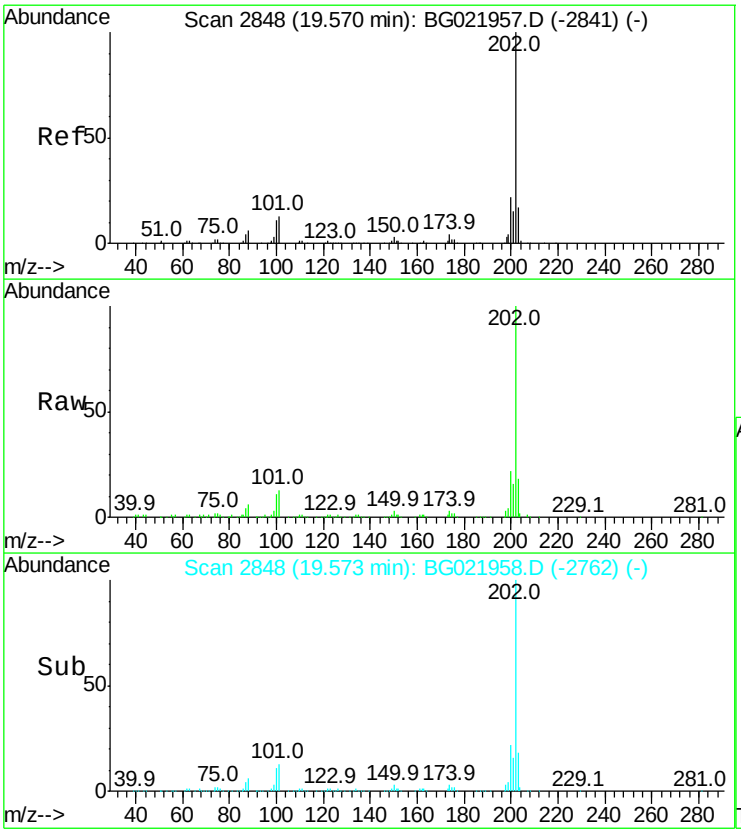
#27
Anthracene
Concen: 10.58 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 92775

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	18.1	15.6	23.4

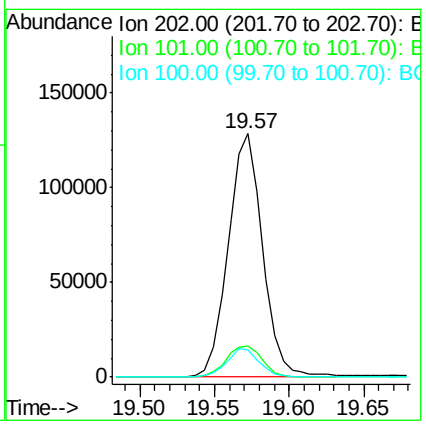


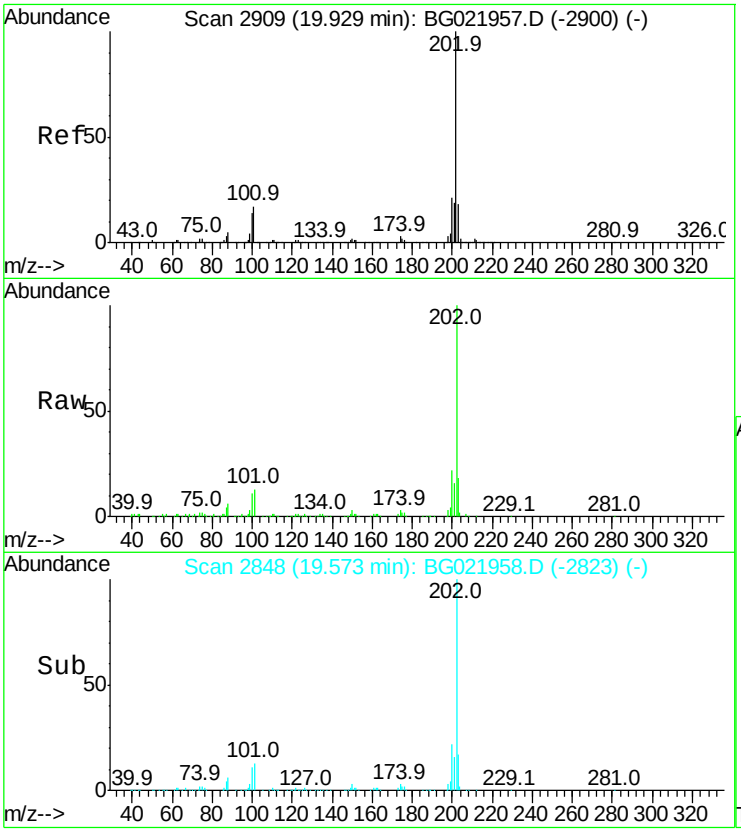


#28
Fluoranthene
Concen: 22.77 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:202 Resp: 206474

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.9	13.3
100	11.3	7.0	10.4#



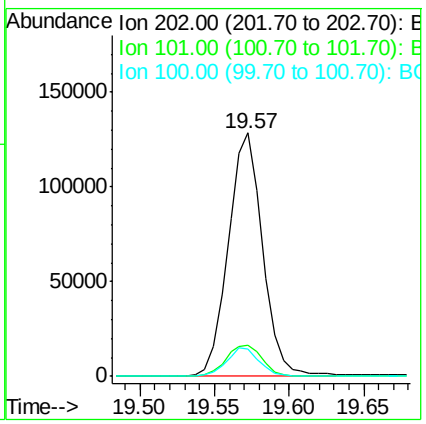


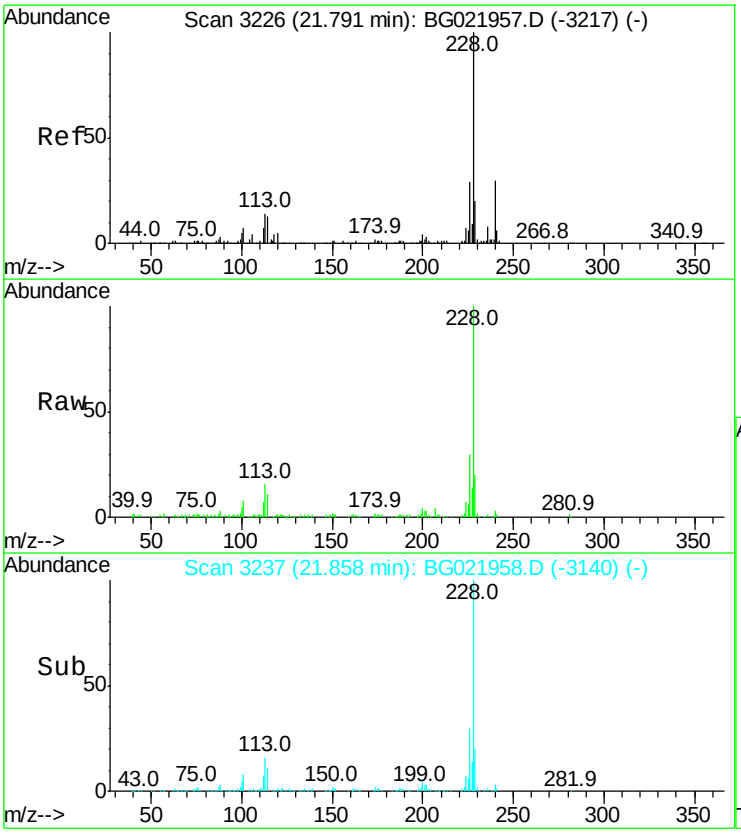
#31
Pyrene
Concen: 20.78 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. -0.36 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 206474

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.8
100	11.3	9.3	13.9

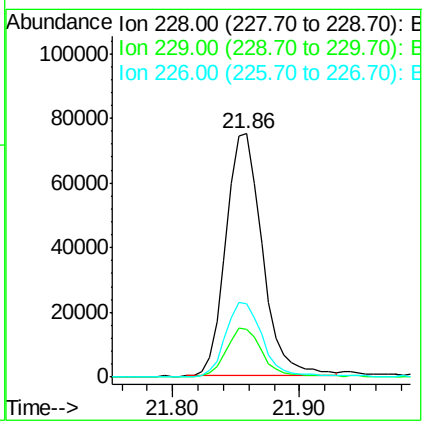


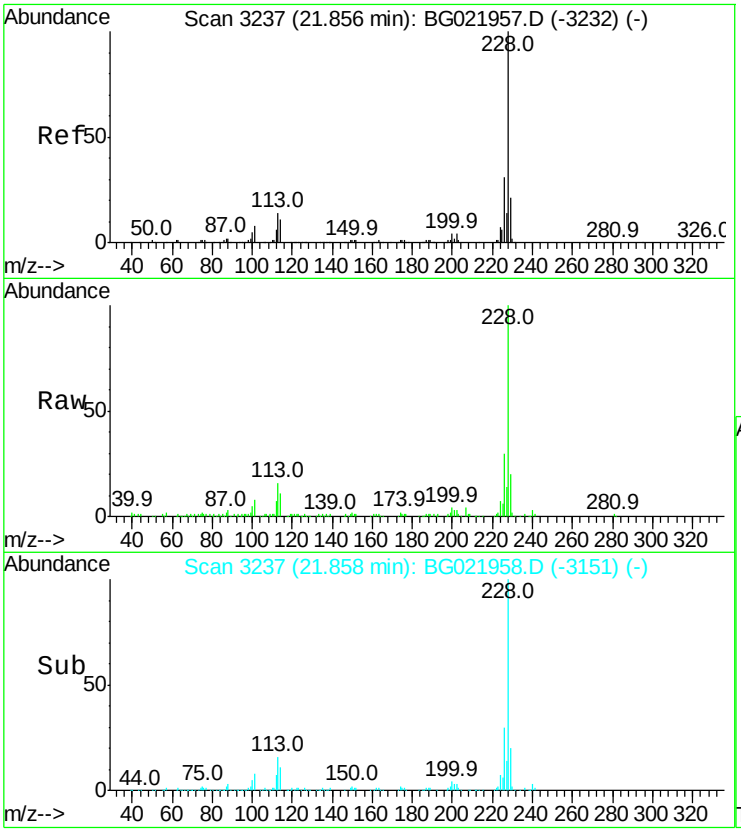


#32
Benzo(a)anthracene
Concen: 18.75 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.07 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:228 Resp: 150053

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.6	25.0
226	30.0	21.0	31.4



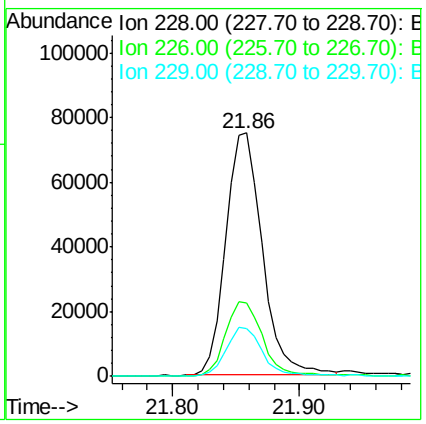


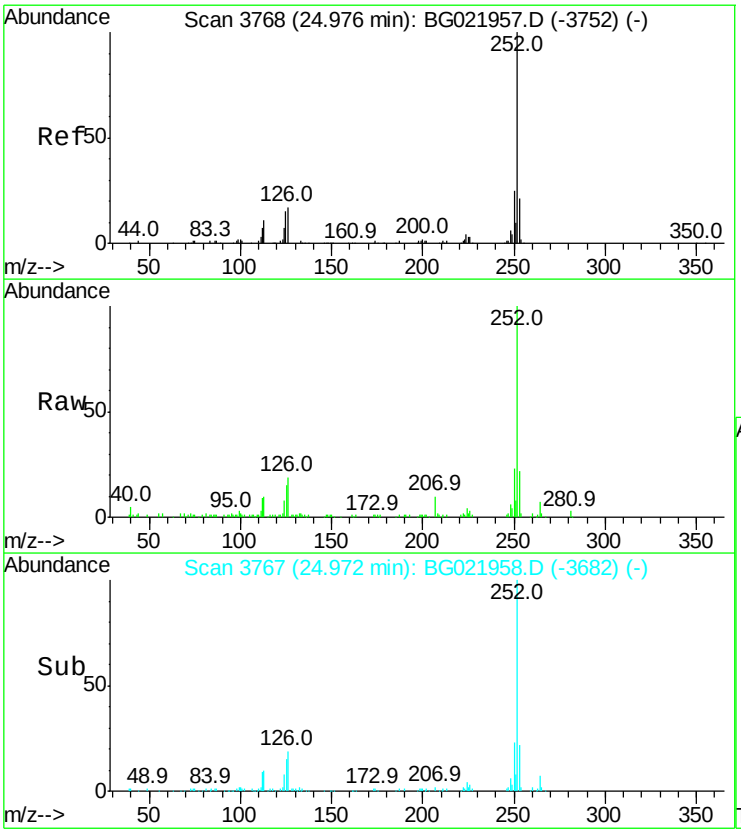
#33
Chrysene
Concen: 19.27 ng/ul
RT: 21.86 min Scan# 3237
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 150053

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	19.8	16.2	24.2

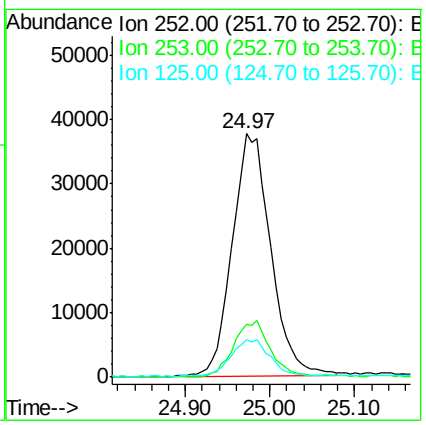


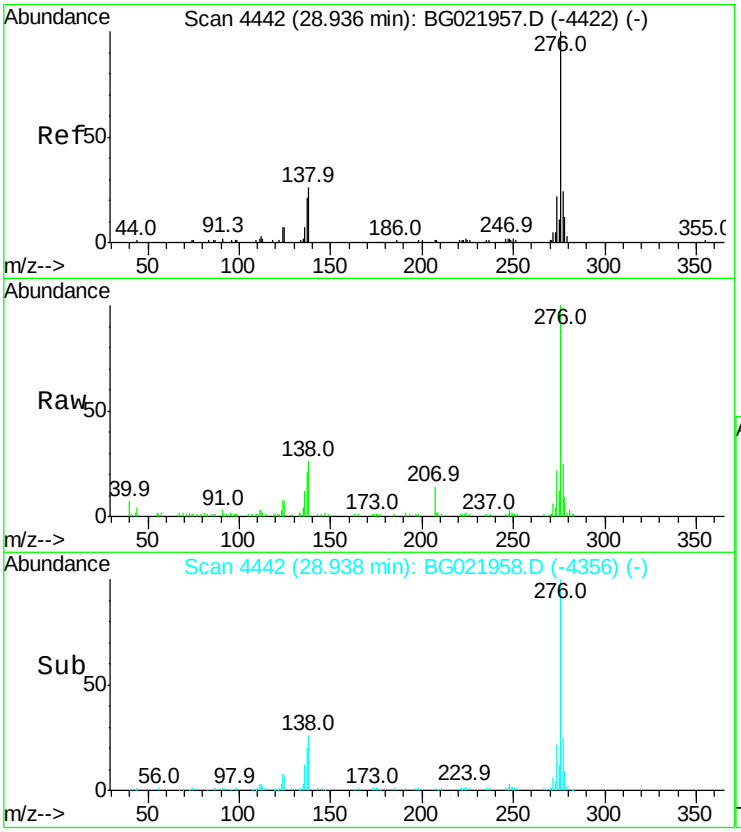


#38
Benzo(a)pyrene
Concen: 16.46 ng/ul
RT: 24.97 min Scan# 3767
Delta R.T. -0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:252 Resp: 119358

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	15.4	8.2	12.2#



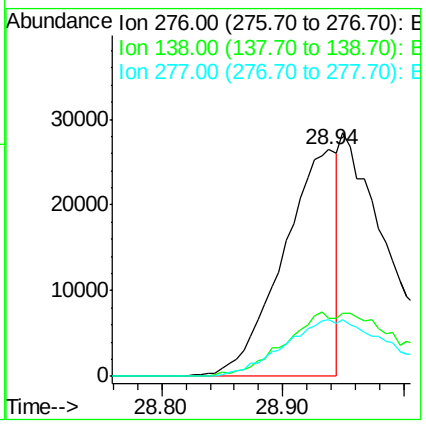


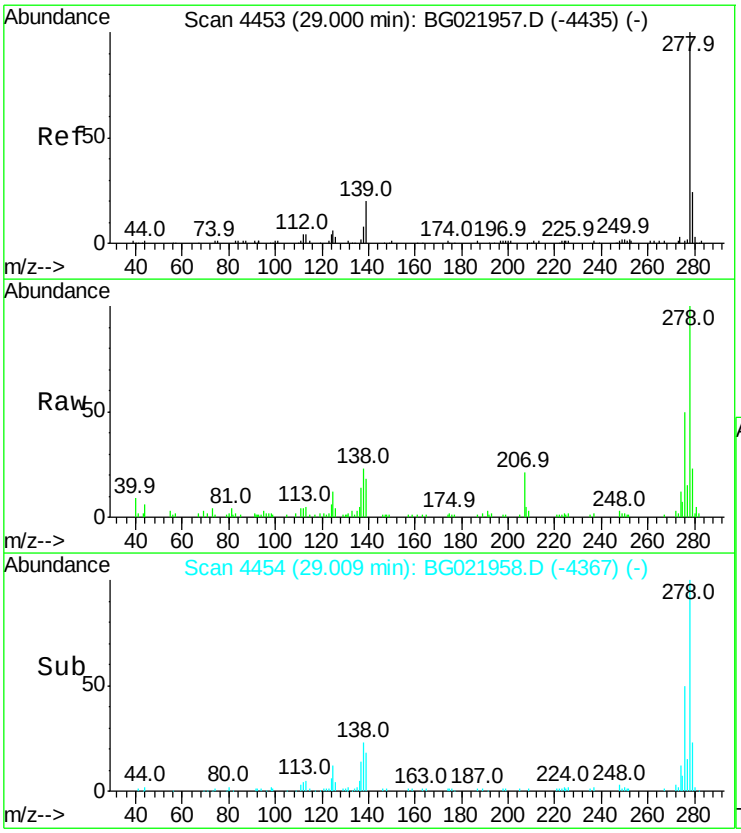
#39
Indeno(1,2,3-cd)pyrene
Concen: 9.94 ng/ul
RT: 28.94 min Scan# 4442
Delta R.T. 0.00 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 81898

Ion	Ratio	Lower	Upper
276	100		
138	25.6	15.8	23.6#
277	25.1	19.0	28.6





#40
Dibenzo(a,h)anthracene
Concen: 12.40 ng/ul
RT: 29.01 min Scan# 4454
Delta R.T. 0.01 min
Lab File: BG021958.D
Acq: 19 May 2016 11:14

Tgt Ion:278 Resp: 84693

Ion	Ratio	Lower	Upper
278	100		
139	18.1	12.1	18.1
279	22.6	19.8	29.8