Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020660.D
Acq On : 5 Jan 2016 18:23
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

Quant Time: Jan 06 03:13:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	17970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	79744	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.69	164	58506	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	136226	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	166442	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	157909	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	306	1.02	ng/uL	0.00
5) Phenol-d5	7.21	99	11322	7.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	30028	32.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	32448	27.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	23596	18.12	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	21907	35.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	26889	37.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	44282	32.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1532	0.95	ng/ul	0.02
44) Dimethylphthalate-d6	14.10	166	176746	36.92	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	197662	36.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	5496	7.32	ng/ul	0.00
58) Fluorene-d10	15.68	176	158364	36.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	26373	31.92	ng/ul	0.00
71) Anthracene-d10	17.54	188	246362	38.81	ng/ul	0.00
79) Pyrene-d10	19.82	212	288228	38.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	321162	40.76	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.98	128	6297116	1491.14	ng/ul#	60
34) 2-Methylnaphthalene	12.54	142	1153358	365.00	ng/ul	97
41) 1,1'-Biphenyl	13.53	154	392137	89.08	ng/ul	99
48) Acenaphthylene	14.41	152	158781	27.41	ng/ul	98
50) Acenaphthene	14.77	153	1520961	388.02	ng/ul	96
54) Dibenzofuran	15.10	168	1256646	212.14	ng/ul	94
59) Fluorene	15.75	166	959555	201.38	ng/ul	96
70) Phenanthrene	17.49	178	1812329m	244.71	ng/ul	
72) Anthracene	17.57	178	102496	13.53	ng/ul	98
75) Carbazole	17.85	167	1221966	191.16	ng/ul#	93
77) Fluoranthene	19.49	202	397765	43.96	ng/ul	99
80) Pyrene	19.85	202	236070	24.49	ng/ul	99
83) Benzo(a)anthracene	21.69	228	9975	1.02	ng/ul	98

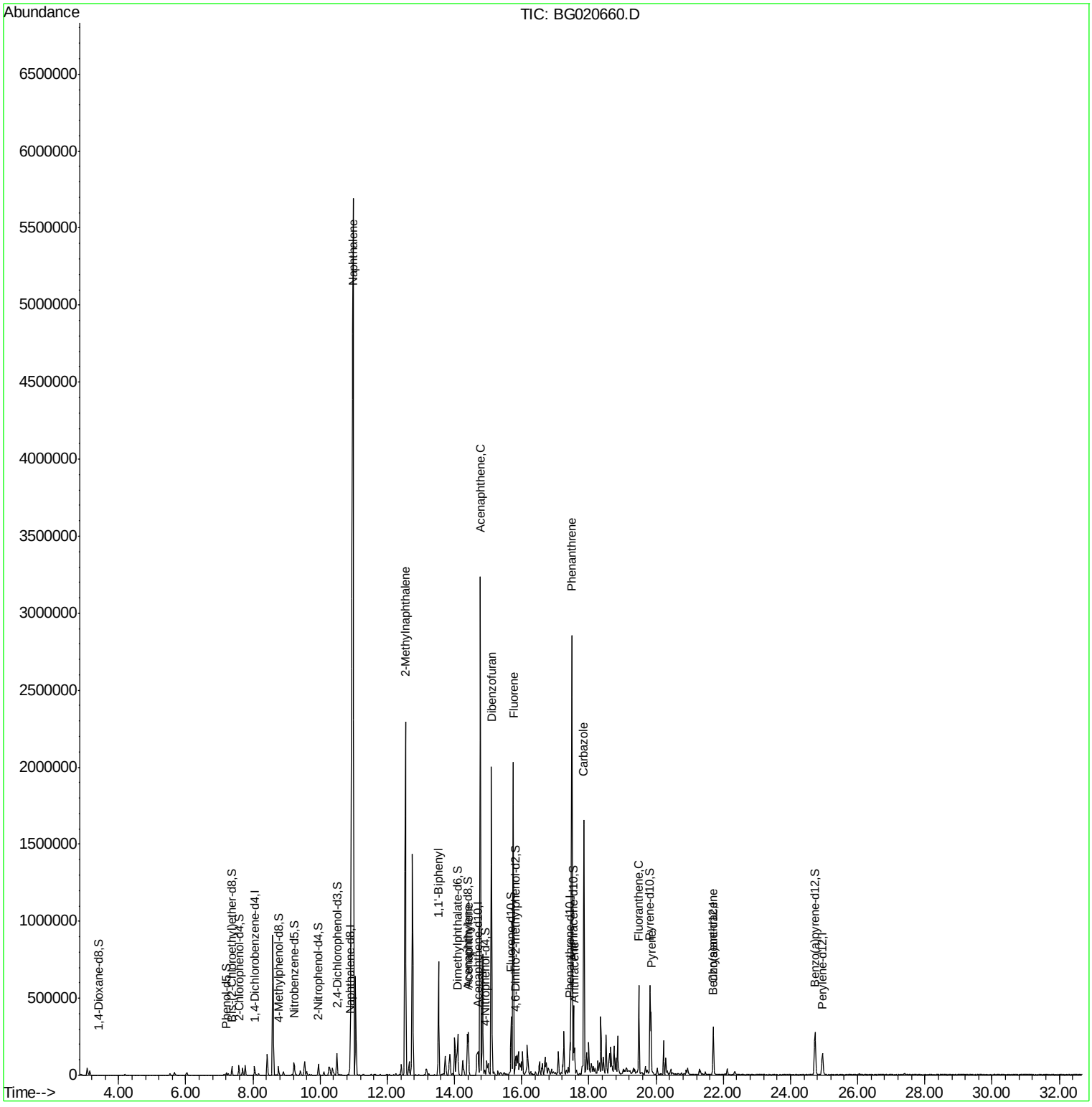
(#) = qualifier out of range (m) = manual integration (+) = signals summed

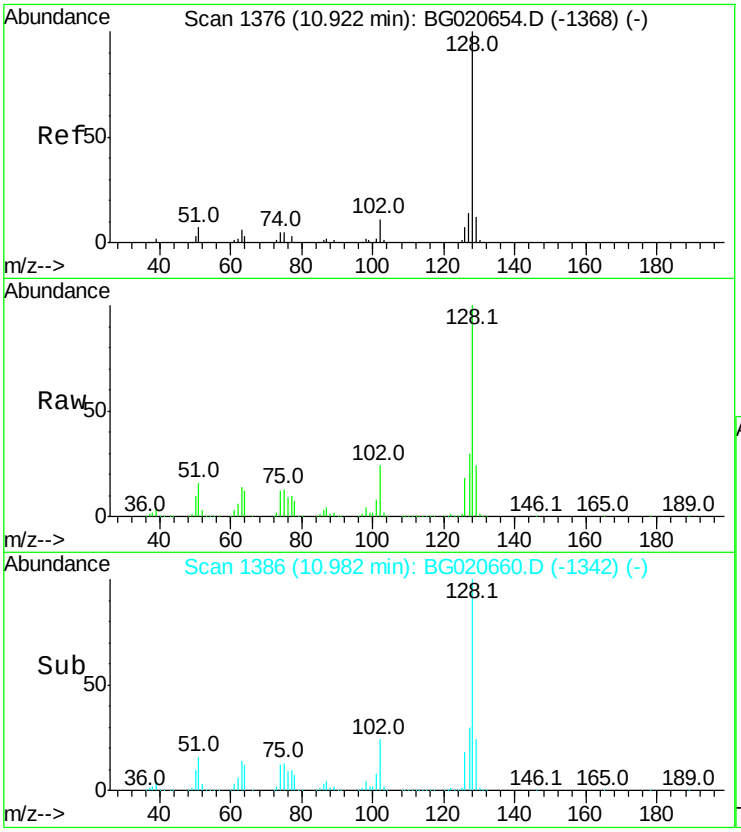
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010516\
Data File : BG020660.D
Acq On : 5 Jan 2016 18:23
Operator : UM/SJ
Sample : G4846-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61

Quant Time: Jan 06 03:13:09 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 06 00:15:22 2016
Response via : Initial Calibration



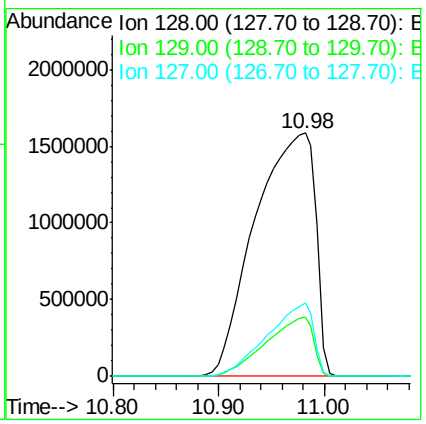


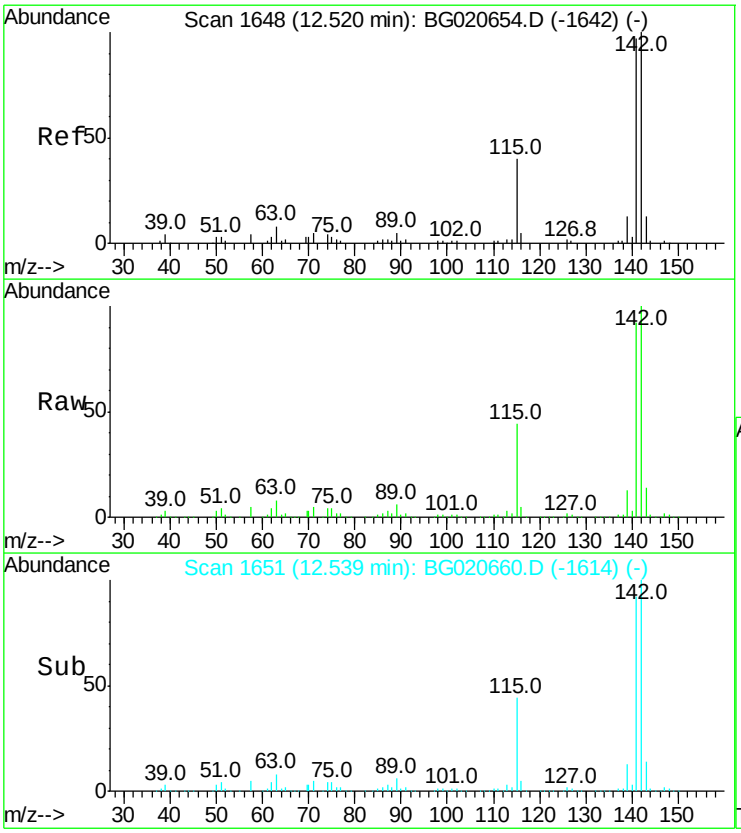
#28
Naphthalene
Concen: 1491.14 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.06 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:128 Resp: 6297116

Ion	Ratio	Lower	Upper
128	100		
129	24.5	8.3	12.5#
127	30.3	10.8	16.2#

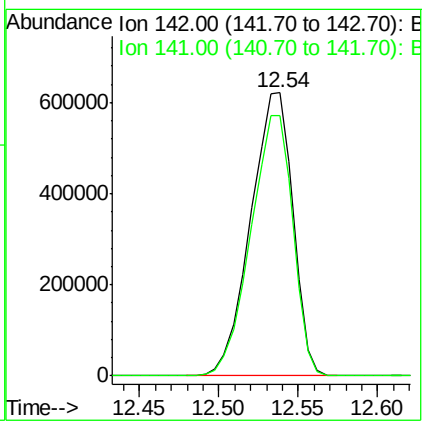


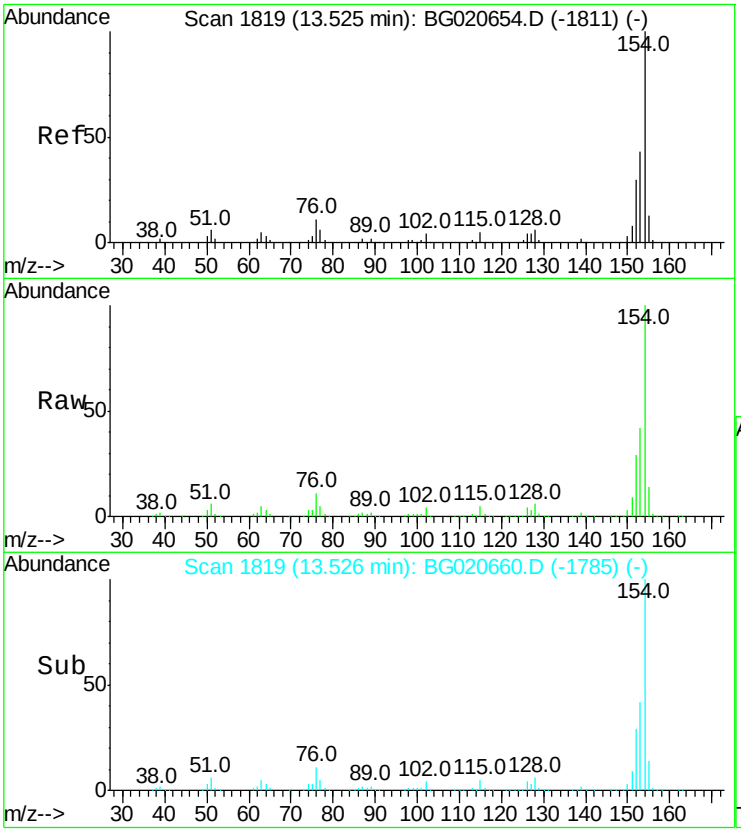


#34
2-Methylnaphthalene
Concen: 365.00 ng/ul
RT: 12.54 min Scan# 1651
Delta R.T. 0.02 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:142 Resp: 1153358

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.4	107.2



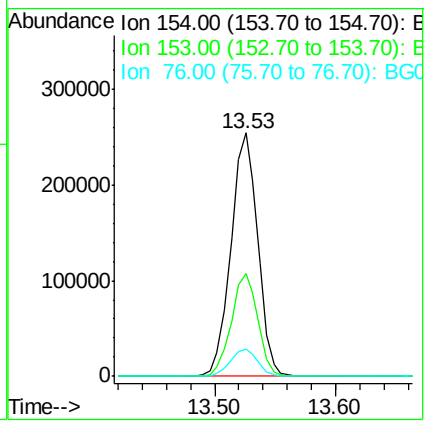


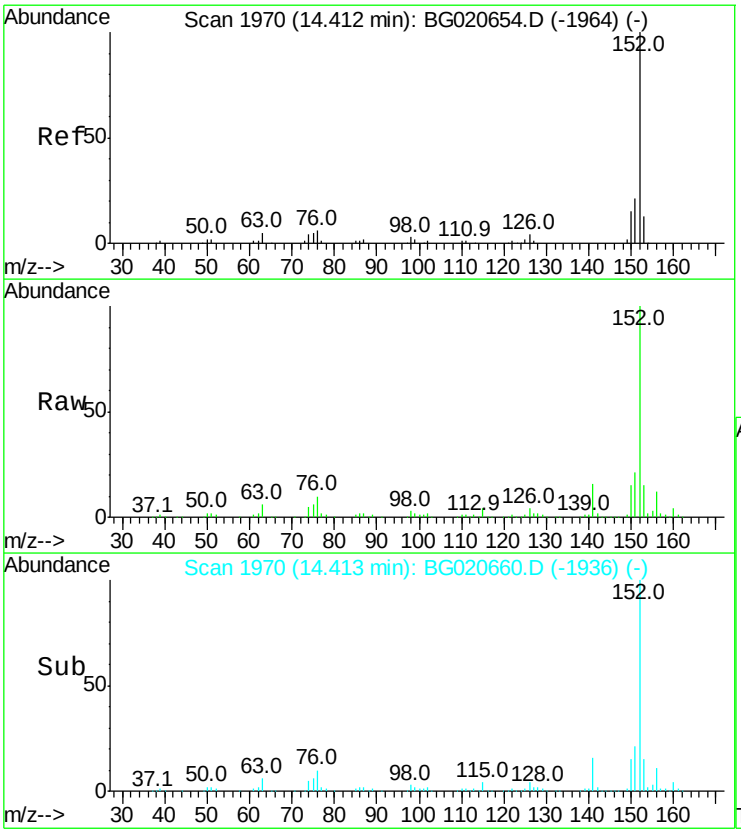
#41
1,1'-Biphenyl
Concen: 89.08 ng/ul
RT: 13.53 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:154 Resp: 392137

Ion	Ratio	Lower	Upper
154	100		
153	42.1	34.0	51.0
76	11.0	8.4	12.6

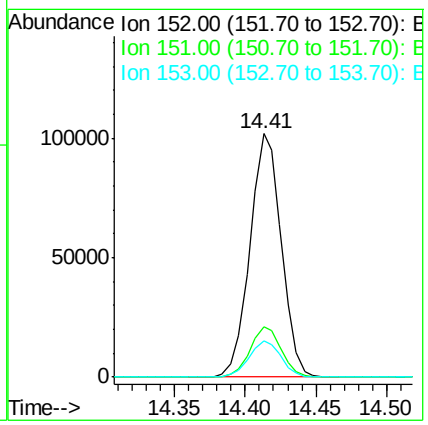


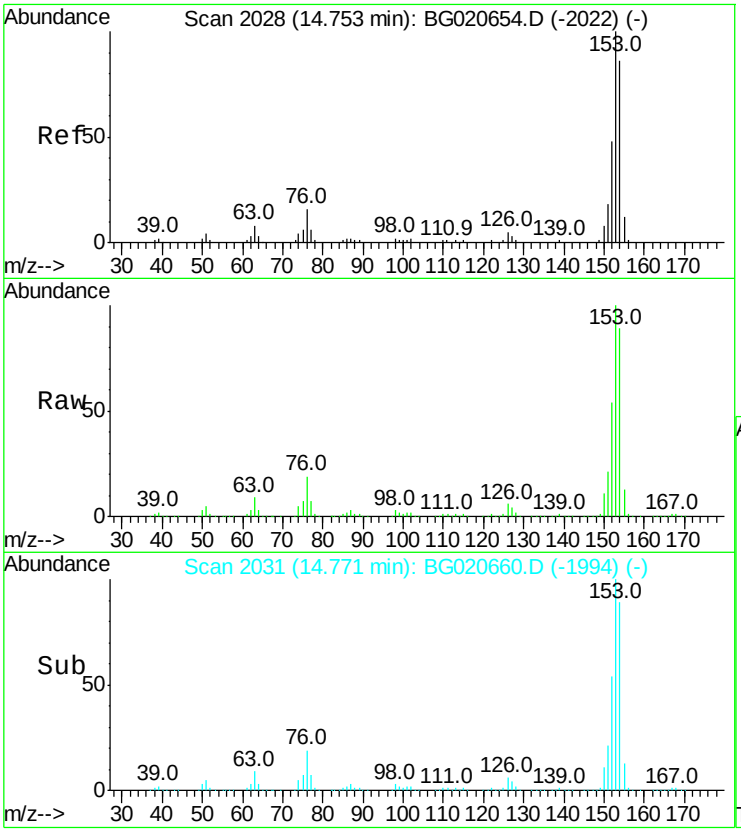


#48
Acenaphthylene
Concen: 27.41 ng/ul
RT: 14.41 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:152 Resp: 158781

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	14.9	10.8	16.2



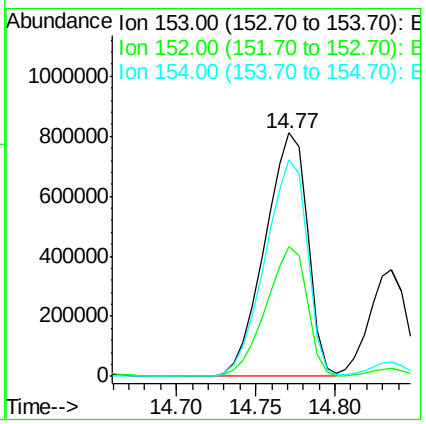


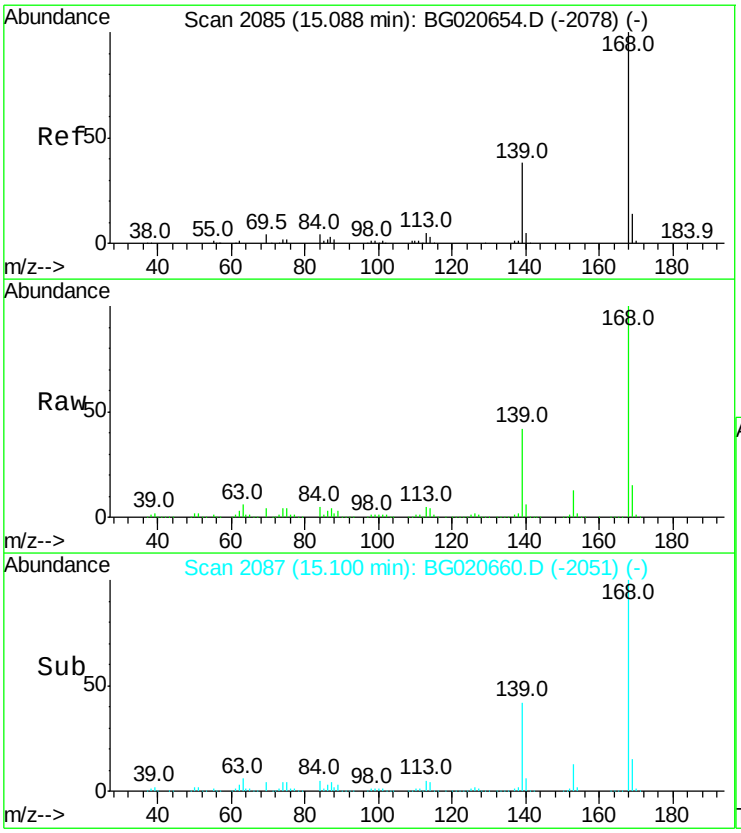
#50
Acenaphthene
Concen: 388.02 ng/ul
RT: 14.77 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:153 Resp: 1520961

Ion	Ratio	Lower	Upper
153	100		
152	53.5	37.9	56.9
154	88.9	69.8	104.6

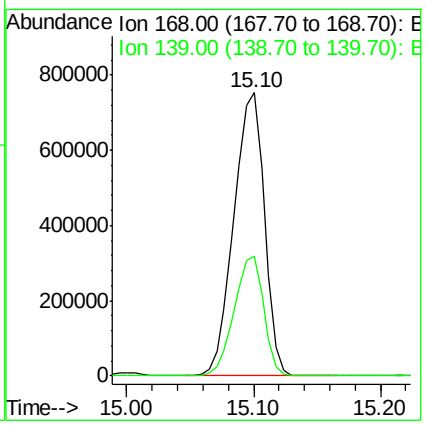


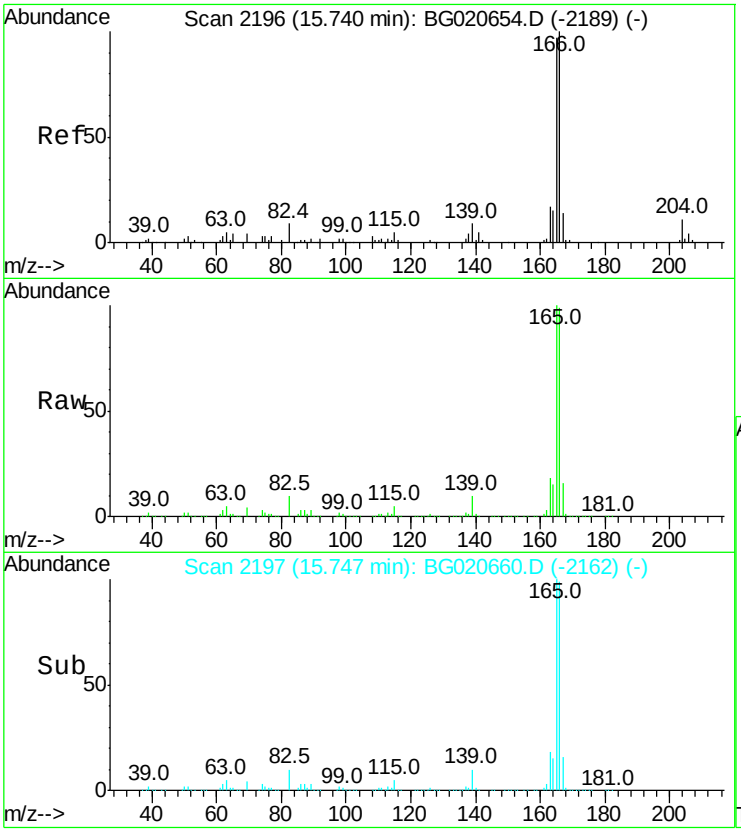


#54
Dibenzofuran
Concen: 212.14 ng/ul
RT: 15.10 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:168 Resp: 1256646

Ion	Ratio	Lower	Upper
168	100		
139	42.3	31.0	46.4



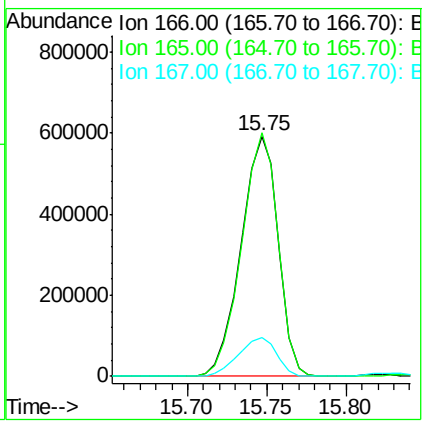


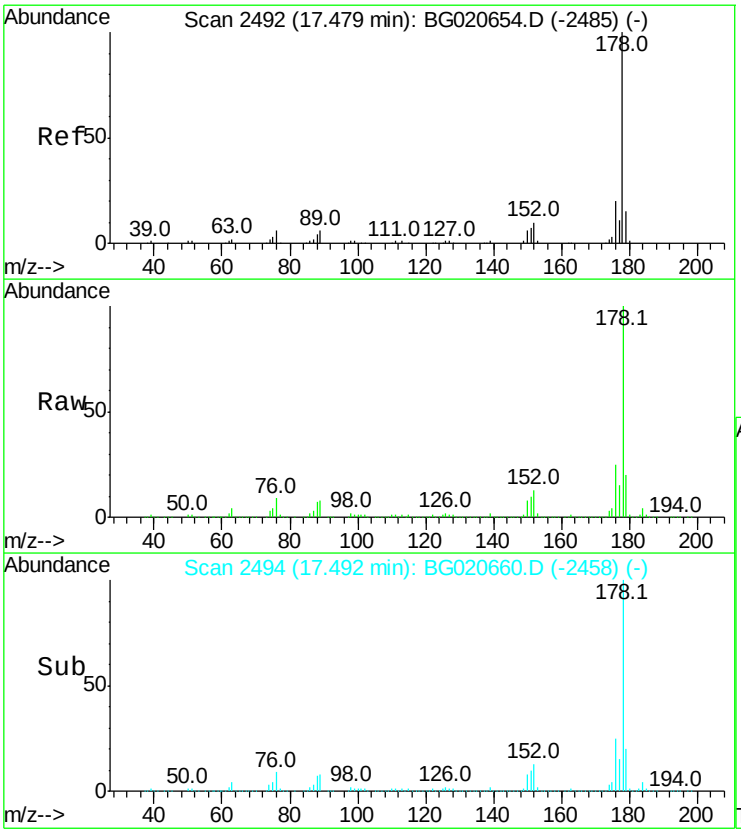
#59
Fluorene
Concen: 201.38 ng/ul
RT: 15.75 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:166 Resp: 959555

Ion	Ratio	Lower	Upper
166	100		
165	101.5	78.4	117.6
167	16.1	11.1	16.7

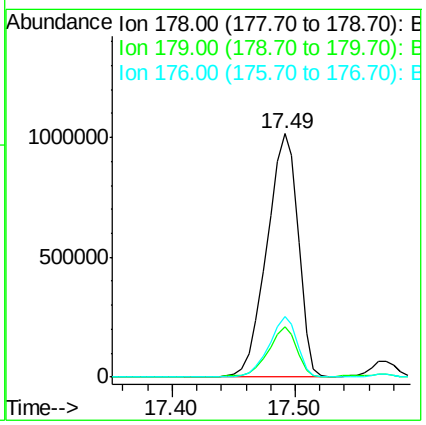


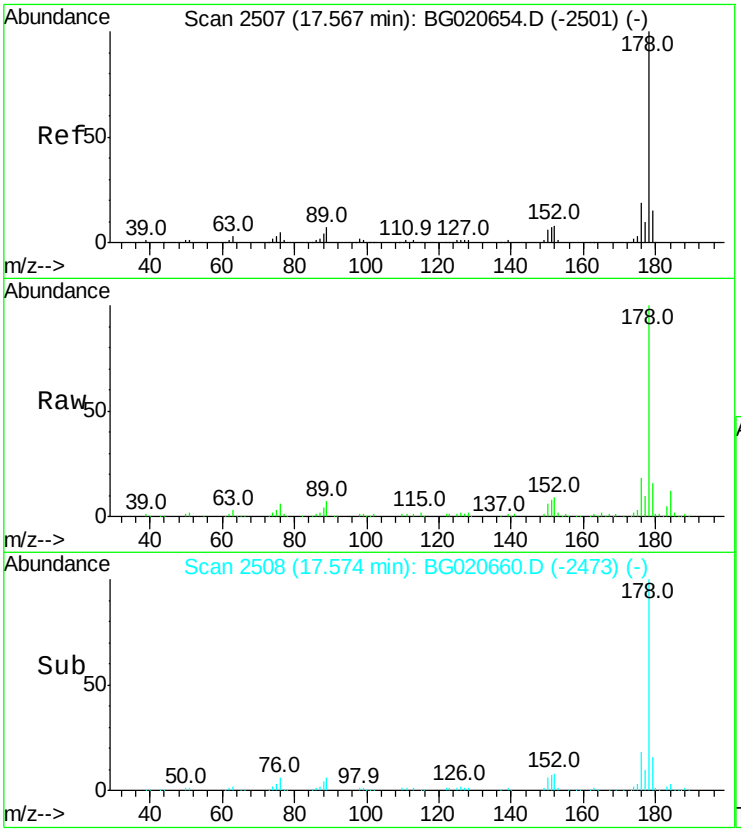


#70
Phenanthrene
Concen: 244.71 ng/ul m
RT: 17.49 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:178 Resp: 1812329

Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.3	18.5#
176	24.8	15.4	23.0#



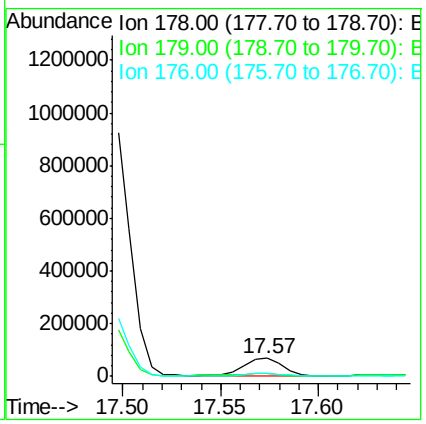


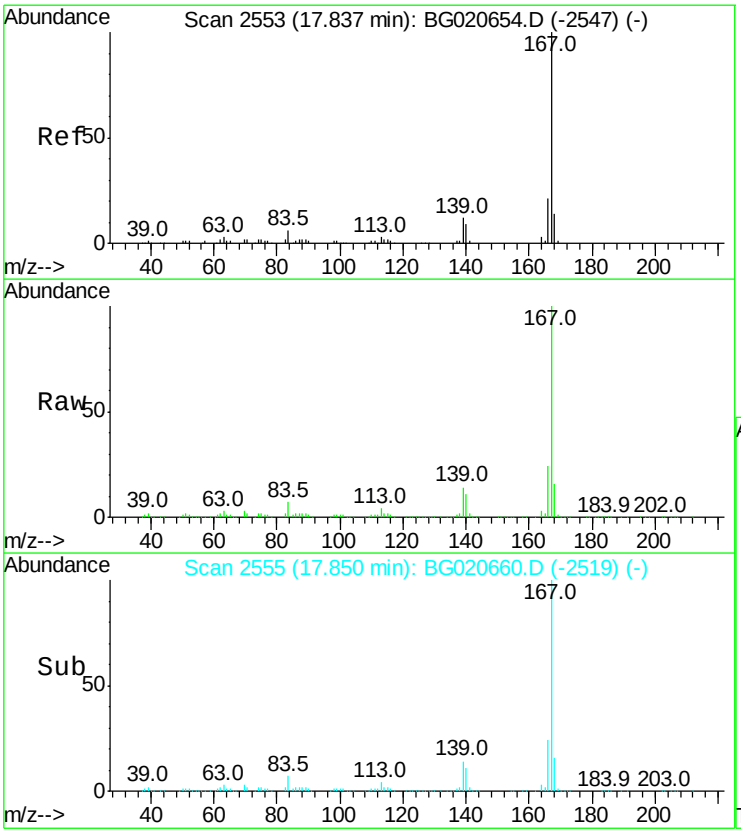
#72
Anthracene
Concen: 13.53 ng/ul
RT: 17.57 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:178 Resp: 102496

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.2
176	18.4	15.4	23.0

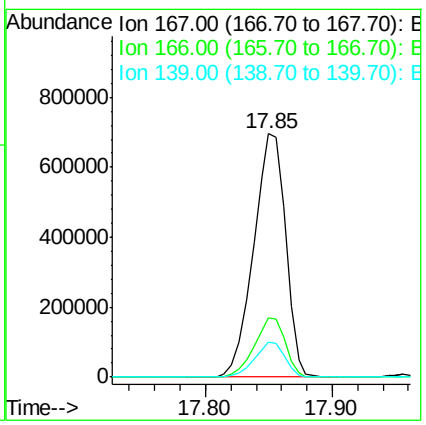


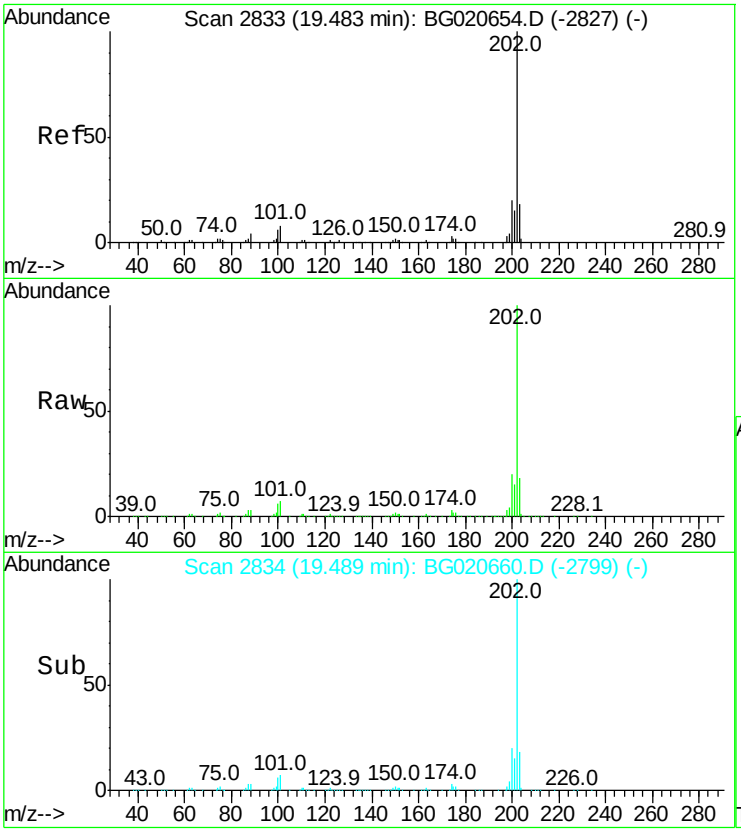


#75
Carbazole
Concen: 191.16 ng/ul
RT: 17.85 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:167 Resp: 1221966

Ion	Ratio	Lower	Upper
167	100		
166	24.3	17.0	25.4
139	14.4	9.1	13.7#



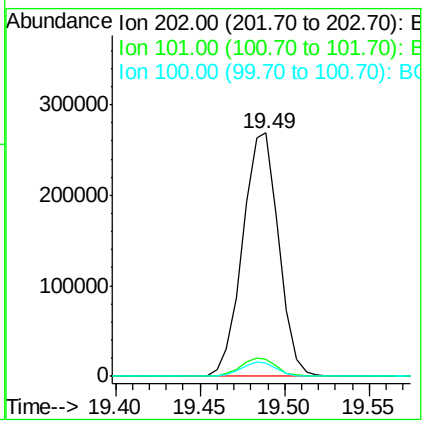


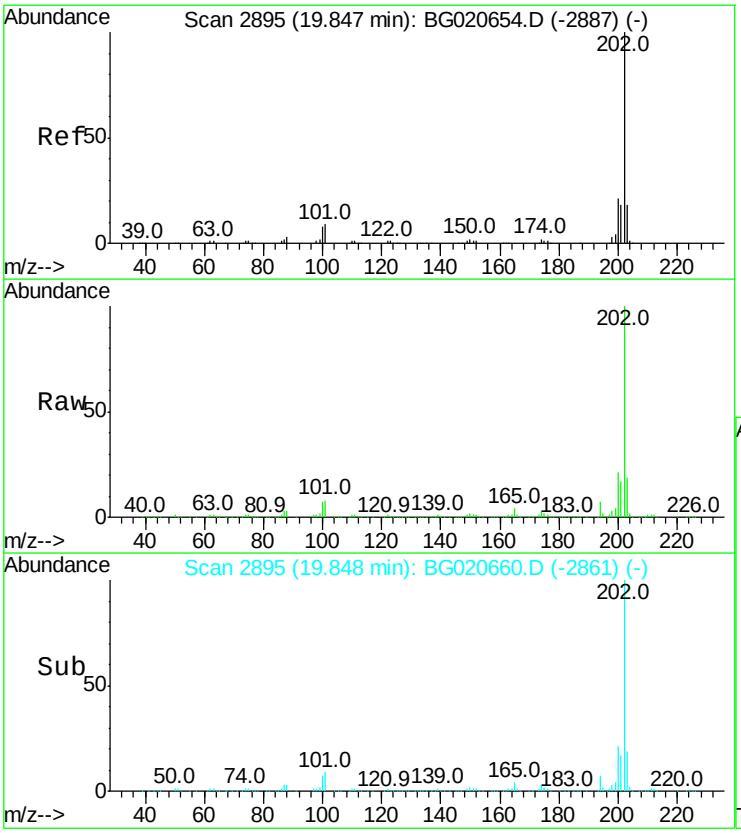
#77
Fluoranthene
Concen: 43.96 ng/ul
RT: 19.49 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:202 Resp: 397765

Ion	Ratio	Lower	Upper
202	100		
101	7.0	6.1	9.1
100	5.5	4.6	7.0

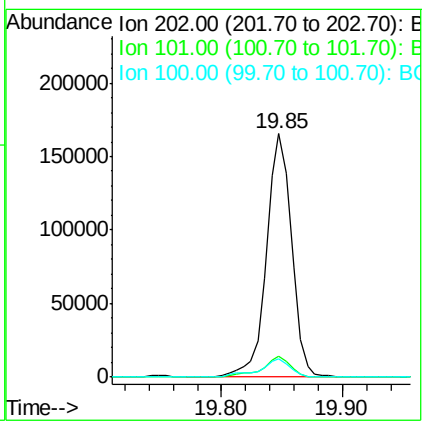


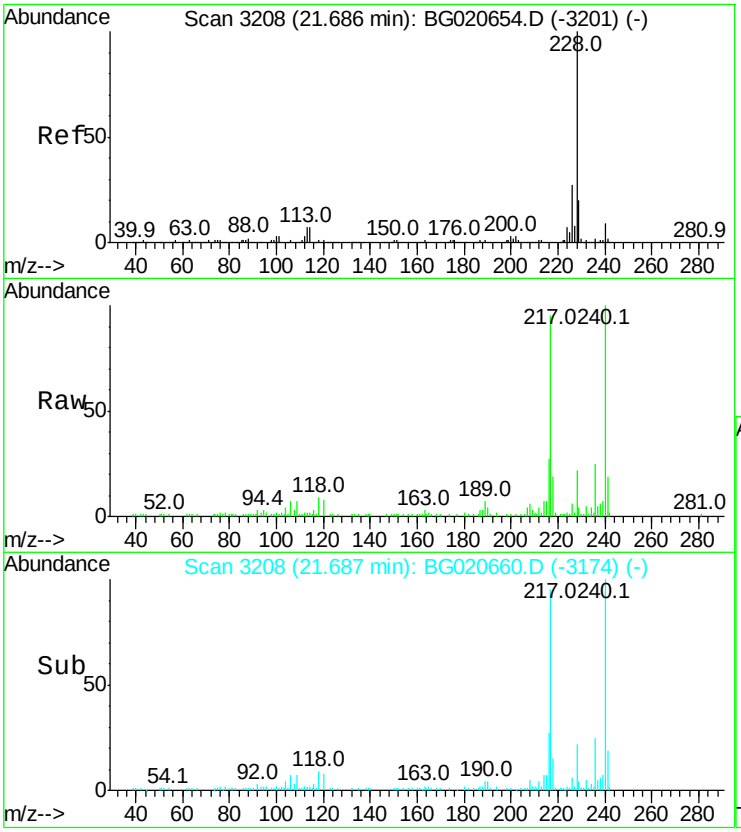


#80
Pyrene
Concen: 24.49 ng/ul
RT: 19.85 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Tgt Ion:202 Resp: 236070

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	7.4	5.6	8.4





#83
Benzo(a)anthracene
Concen: 1.02 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. 0.00 min
Lab File: BG020660.D
Acq: 5 Jan 2016 18:23

Instrument :
BNA_G
ClientSampleId :
D9N61

Tgt Ion:228 Resp: 9975

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	28.7	21.8	32.8