Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020448.D
Acq On : 23 Dec 2015 18:08
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N49DL

Quant Time: Dec 24 02:57:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	18698	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	84287	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	64418	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	167502	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	214839	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	206537	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.24	99	957	0.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	581	0.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	784	0.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	709	0.50	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	259	0.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	376	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	806	0.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	759	0.46	ng/ul	0.02
44) Dimethylphthalate-d6	14.11	166	4719	0.91	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	4784	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	4666	0.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	7756	1.00	ng/ul	0.00
79) Pyrene-d10	19.84	212	9141	0.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	9193	0.89	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.95	128	145770	33.12	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	43549	12.95	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	17636	3.63	ng/ul#	95
50) Acenaphthene	14.78	153	84684	19.54	ng/ul	98
54) Dibenzofuran	15.11	168	89871	13.94	ng/ul	98
59) Fluorene	15.76	166	86905	16.79	ng/ul	98
70) Phenanthrene	17.50	178	442133	48.26	ng/ul	100
72) Anthracene	17.59	178	30310	3.26	ng/ul	99
75) Carbazole	17.86	167	20335	2.60	ng/ul	97
77) Fluoranthene	19.51	202	274069	25.60	ng/ul	98
80) Pyrene	19.87	202	180312	13.87	ng/ul	97
83) Benzo(a)anthracene	21.72	228	44545	3.55	ng/ul	99
85) Chrysene	21.78	228	34985	2.96	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	19714	1.59	ng/ul	97

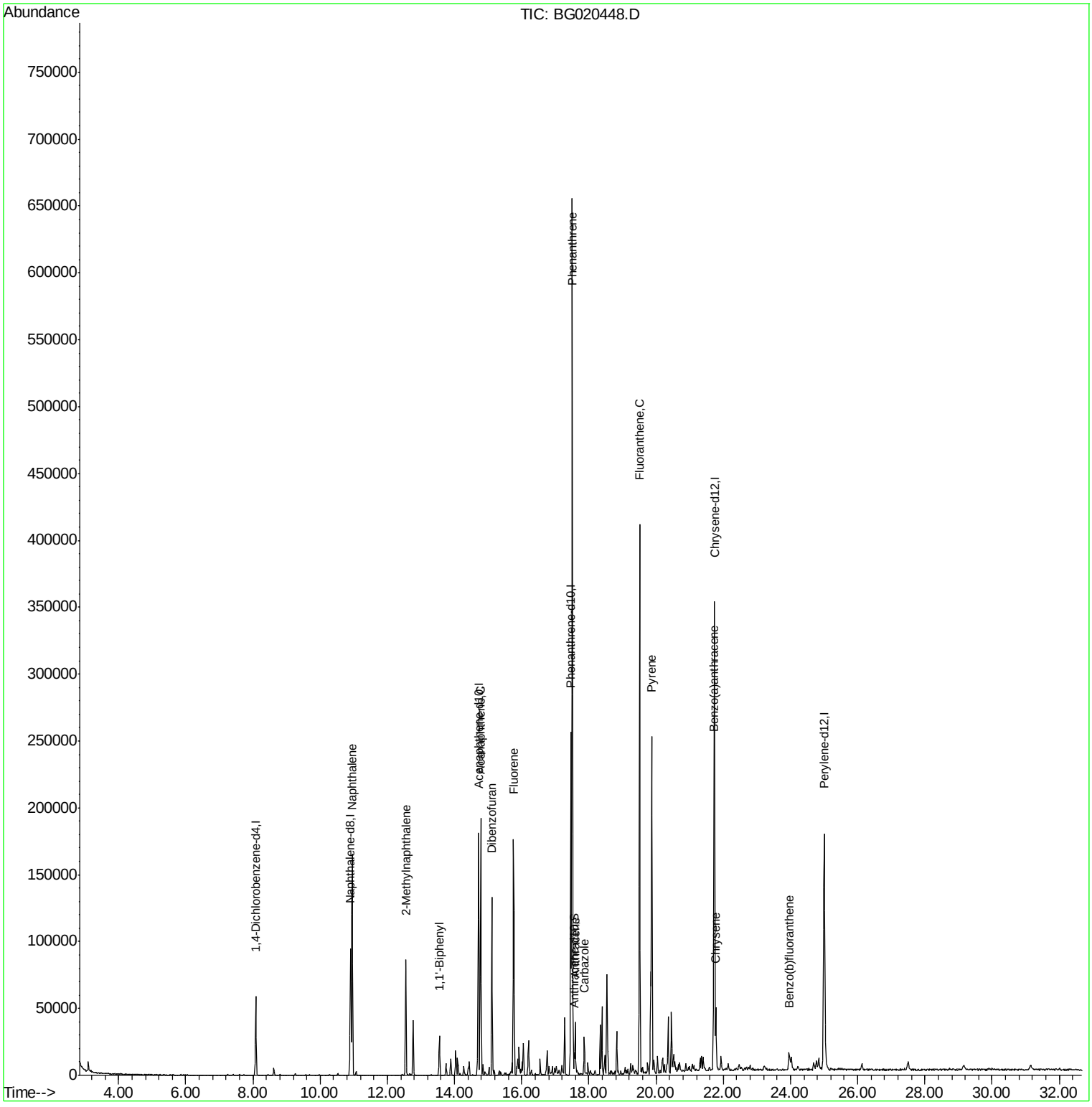
(#) = qualifier out of range (m) = manual integration (+) = signals summed

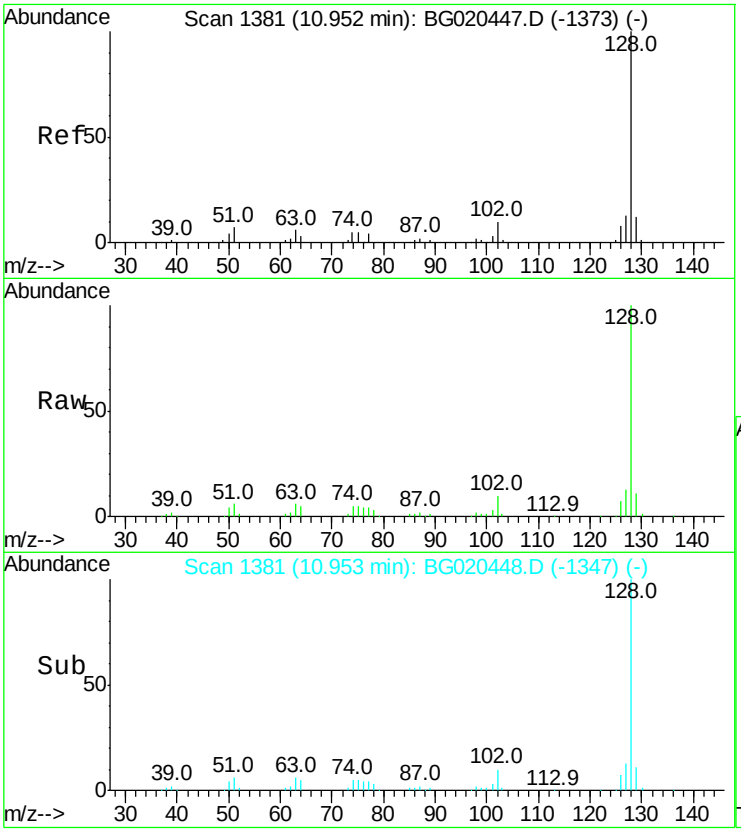
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020448.D
Acq On : 23 Dec 2015 18:08
Operator : UM/SJ
Sample : G4848-03DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Quant Time: Dec 24 02:57:56 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration



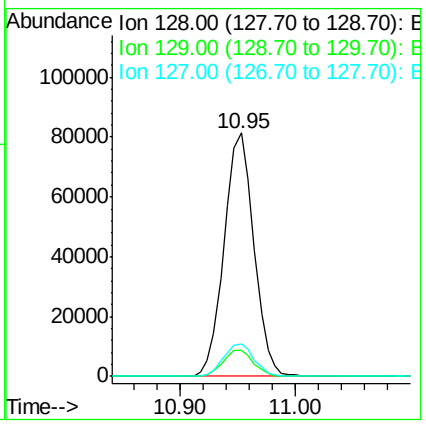


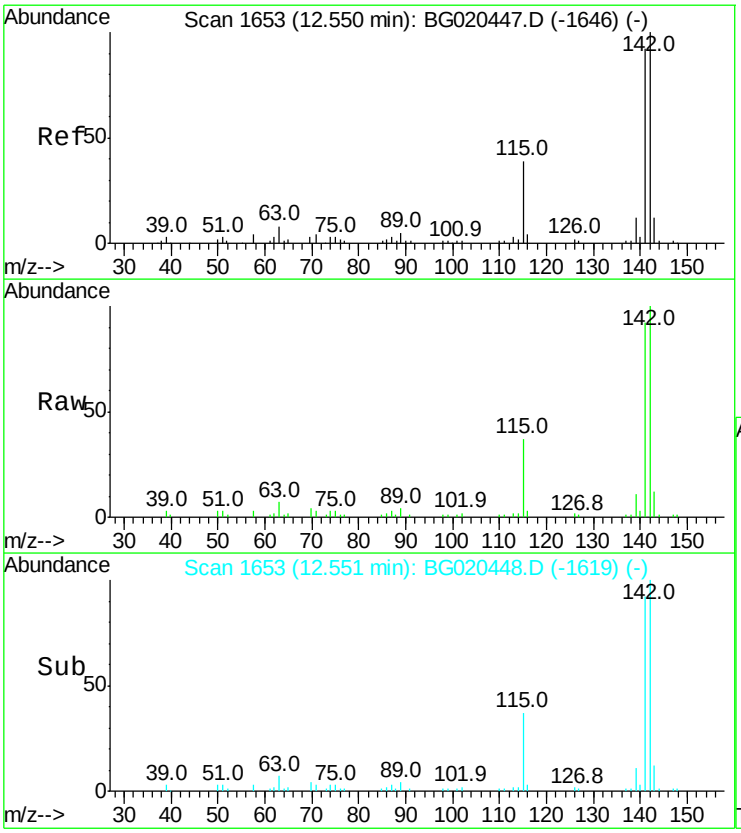
#28
Naphthalene
Concen: 33.12 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:128 Resp: 145770

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	13.4	10.1	15.1

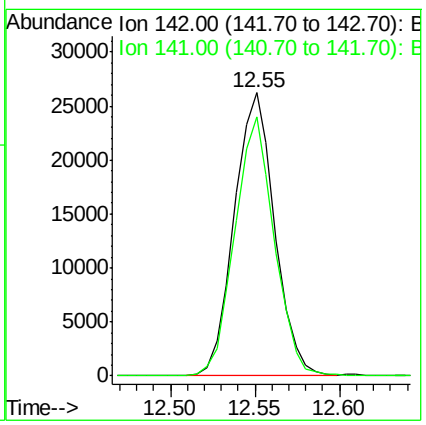


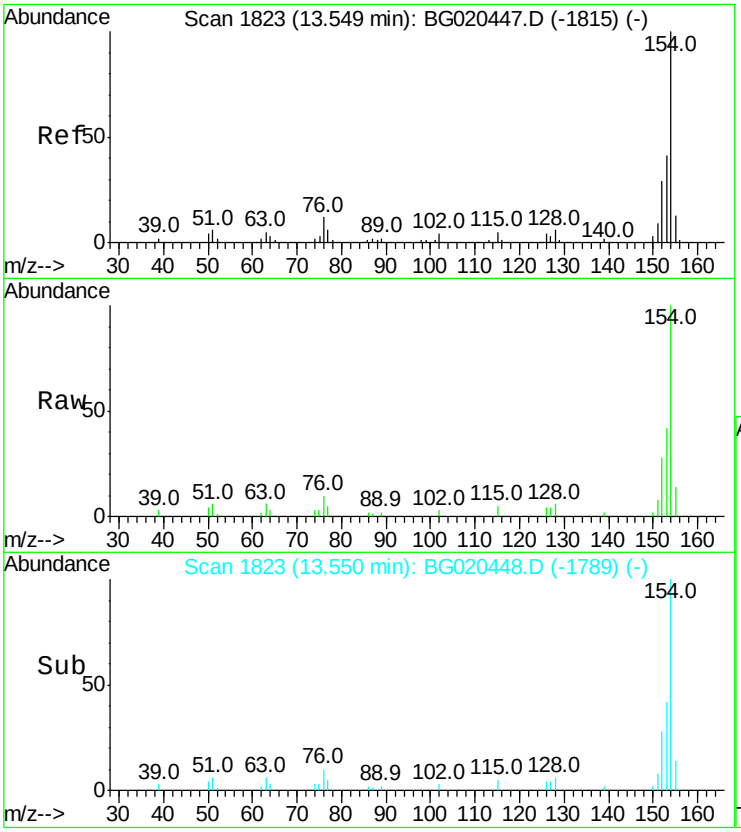


#34
2-Methylnaphthalene
Concen: 12.95 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:142 Resp: 43549

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.9	112.3



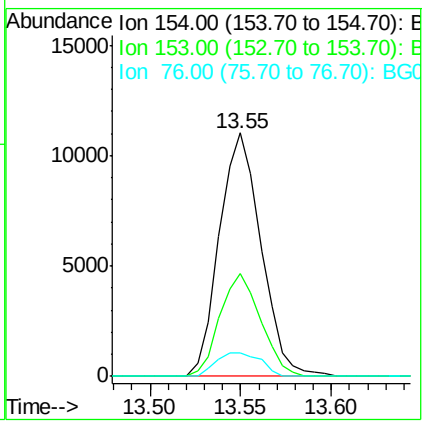


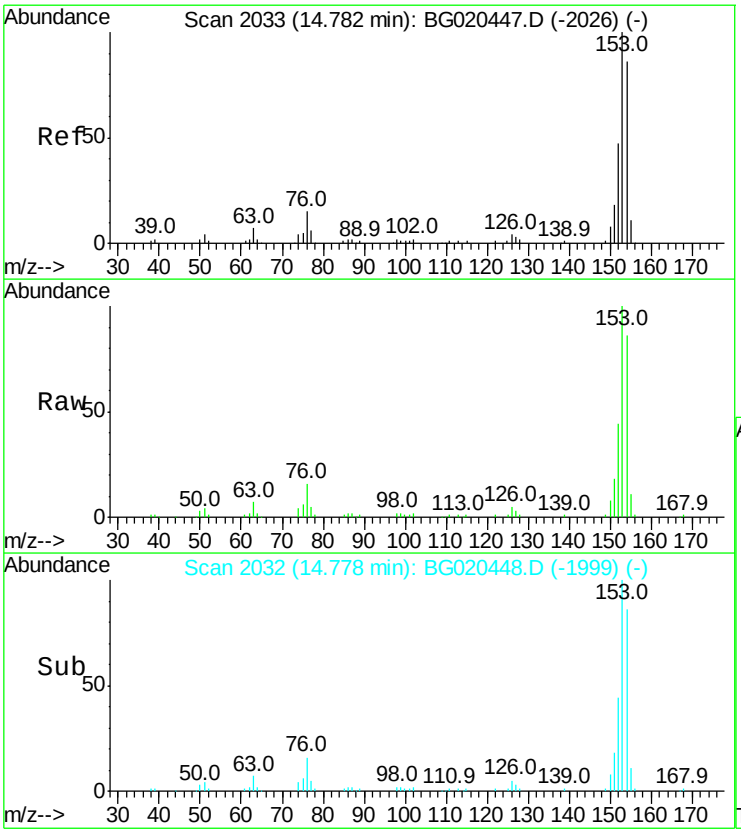
#41
1,1'-Biphenyl
Concen: 3.63 ng/ul
RT: 13.55 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:154 Resp: 17636

Ion	Ratio	Lower	Upper
154	100		
153	42.1	35.5	53.3
76	9.7	10.4	15.6#

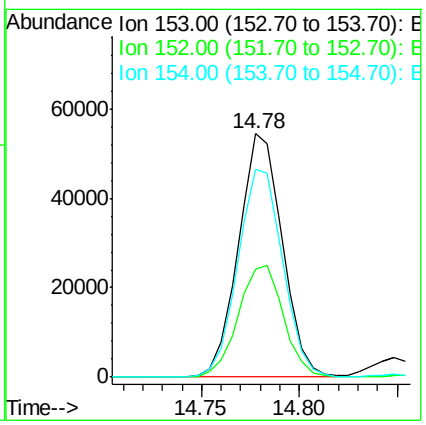


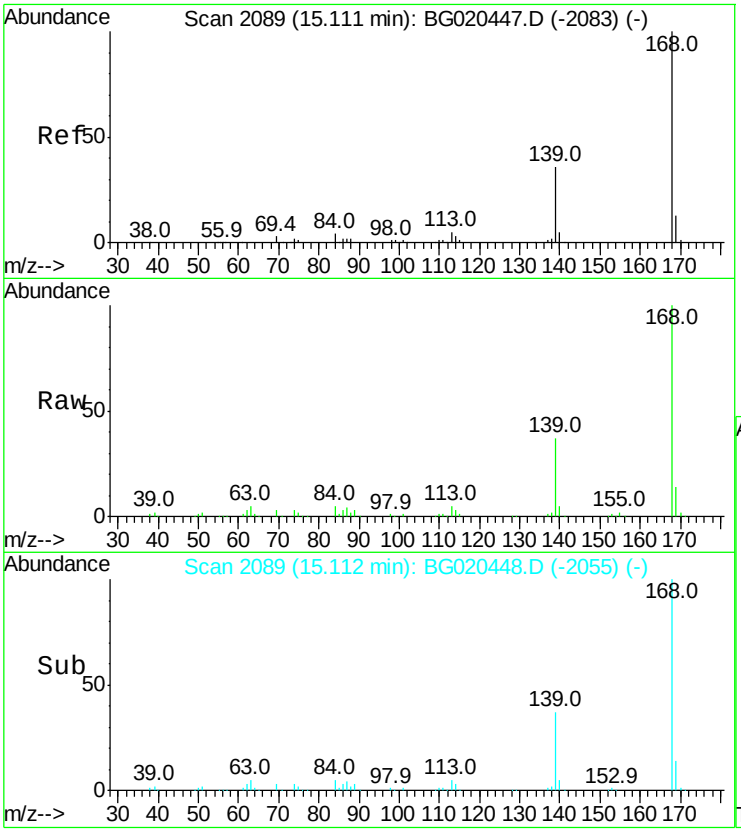


#50
Acenaphthene
Concen: 19.54 ng/ul
RT: 14.78 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:153 Resp: 84684

Ion	Ratio	Lower	Upper
153	100		
152	44.4	37.6	56.4
154	85.5	67.9	101.9



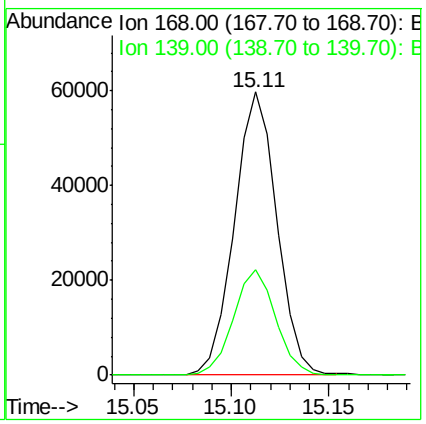


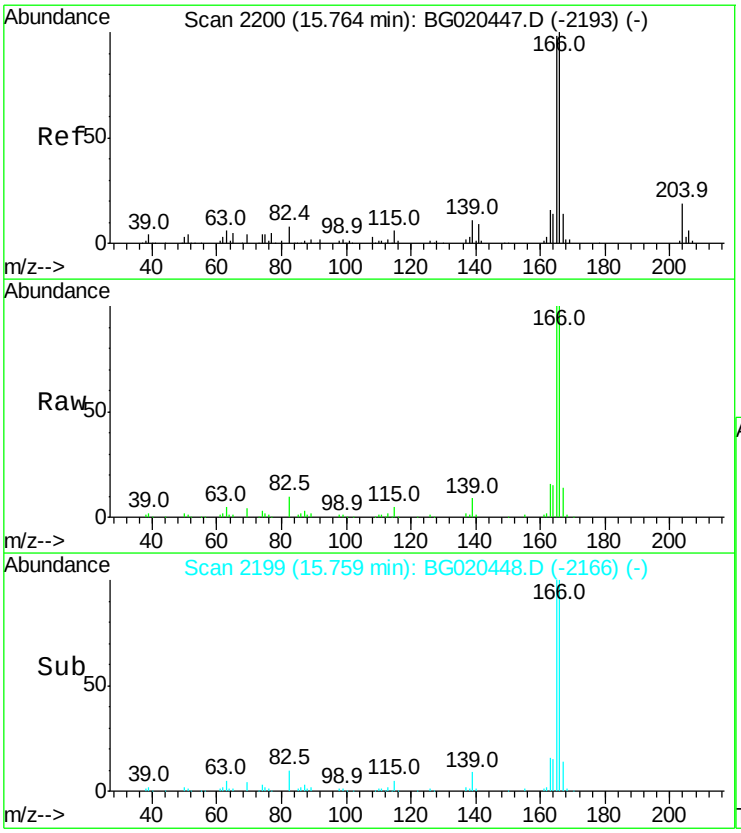
#54
Dibenzofuran
Concen: 13.94 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:168 Resp: 89871

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7

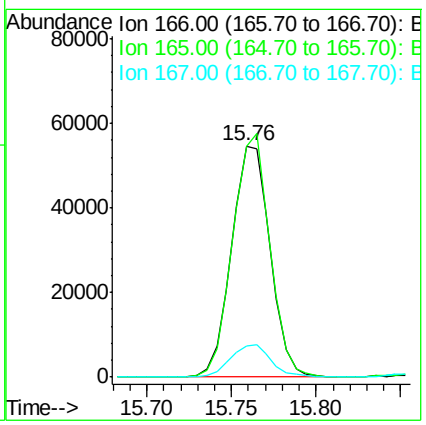


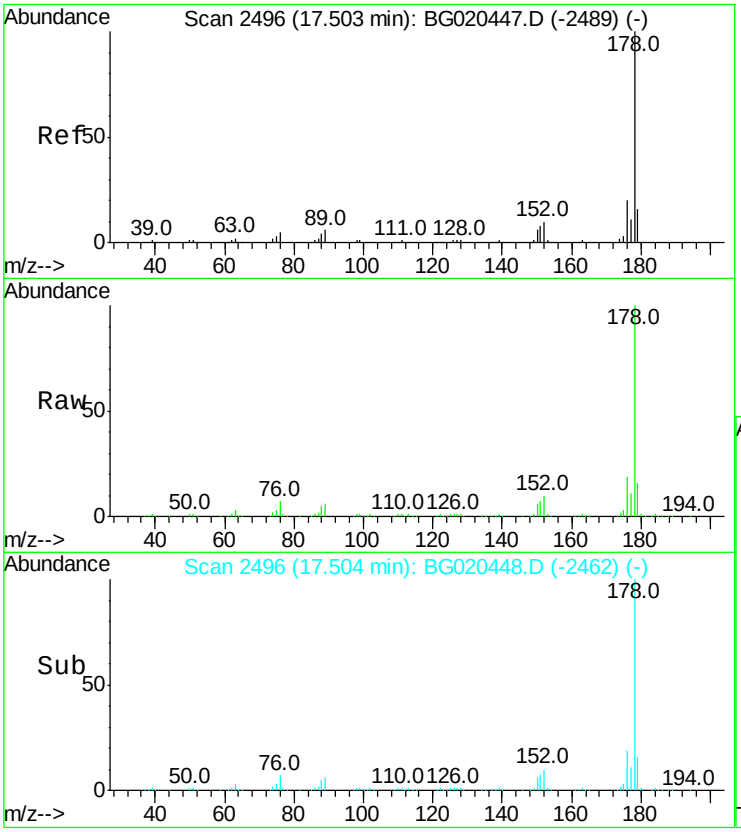


#59
Fluorene
Concen: 16.79 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:166 Resp: 86905

Ion	Ratio	Lower	Upper
166	100		
165	100.1	81.4	122.0
167	13.6	11.2	16.8



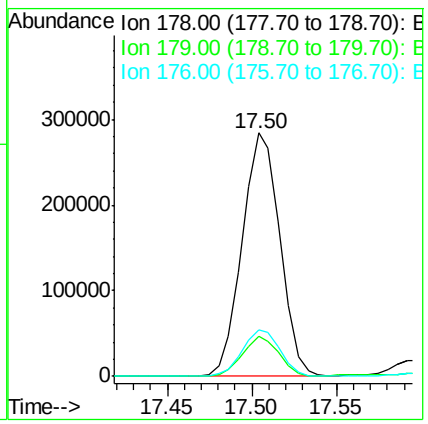


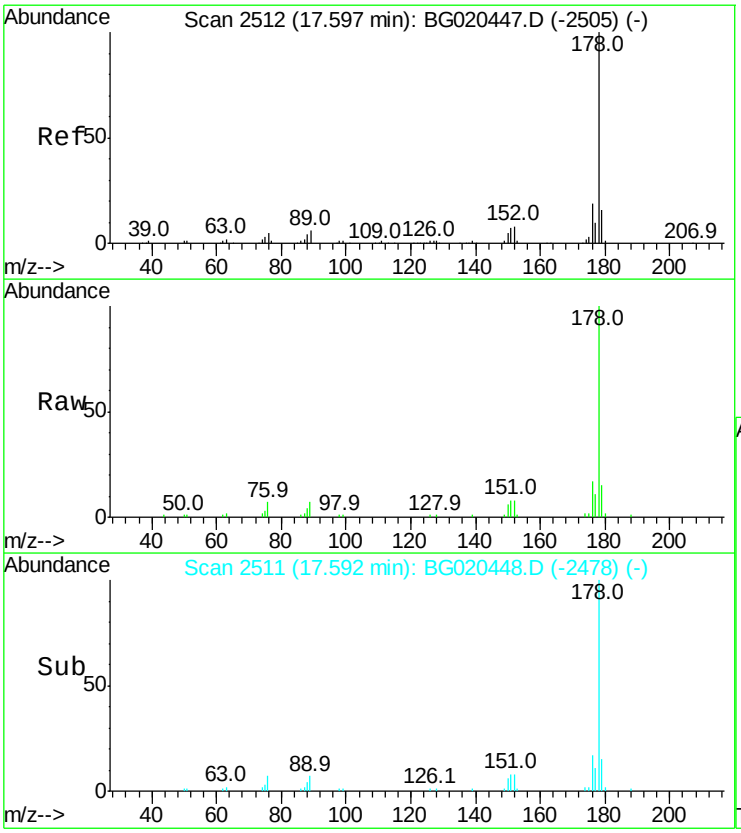
#70
Phenanthrene
Concen: 48.26 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:178 Resp: 442133

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.2	15.3	22.9

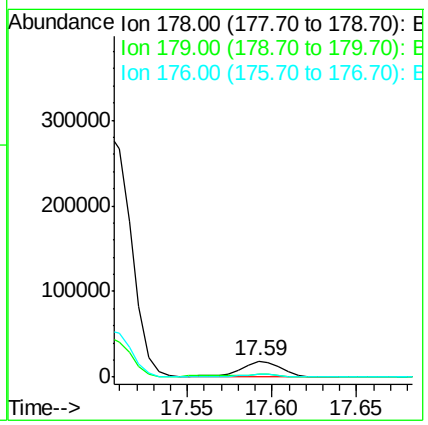


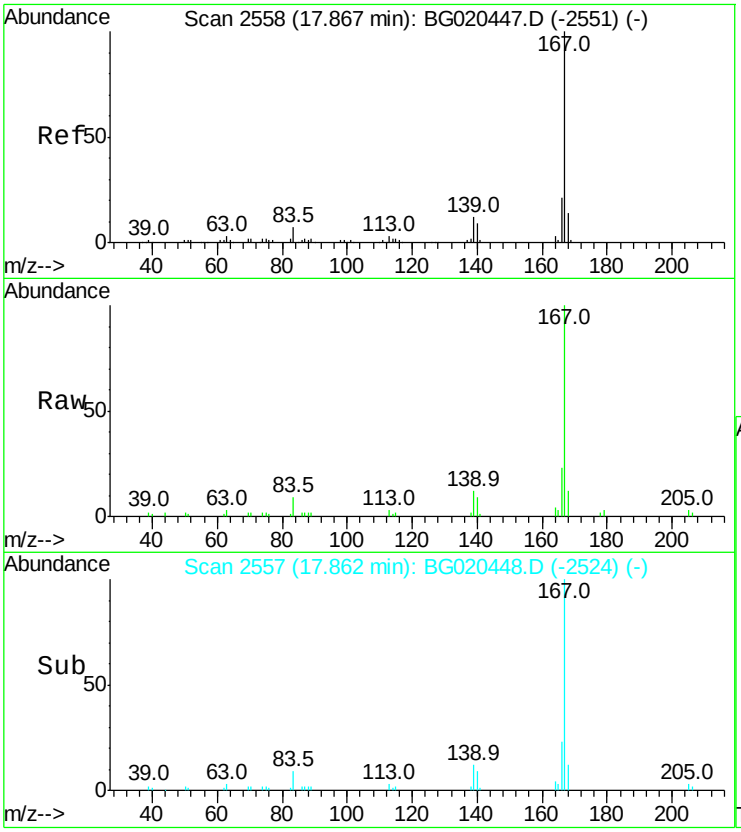


#72
Anthracene
Concen: 3.26 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:178 Resp: 30310

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	17.3	14.3	21.5



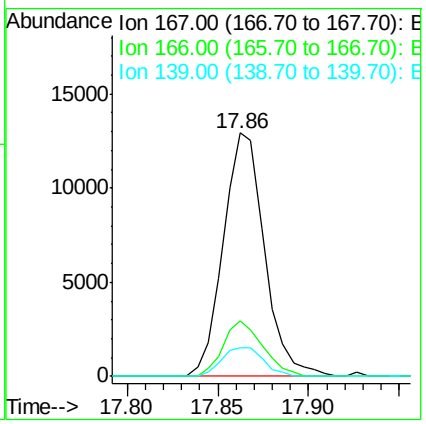


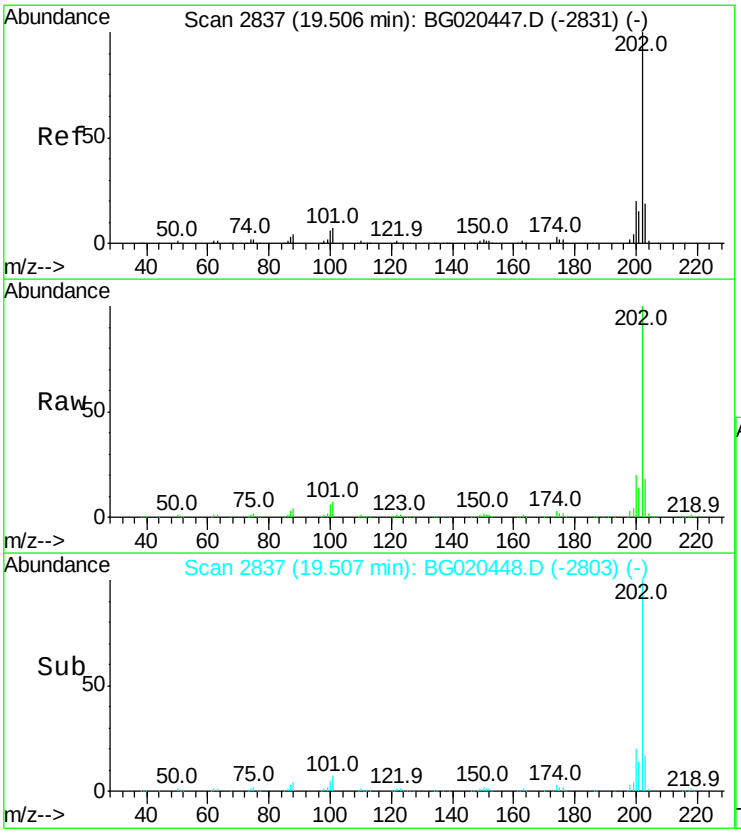
#75
Carbazole
Concen: 2.60 ng/ul
RT: 17.86 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:167 Resp: 20335

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.0	25.6
139	12.0	10.1	15.1

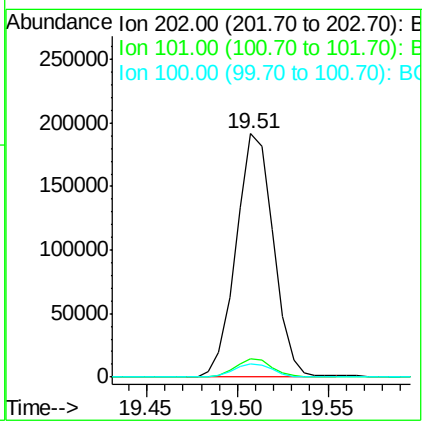


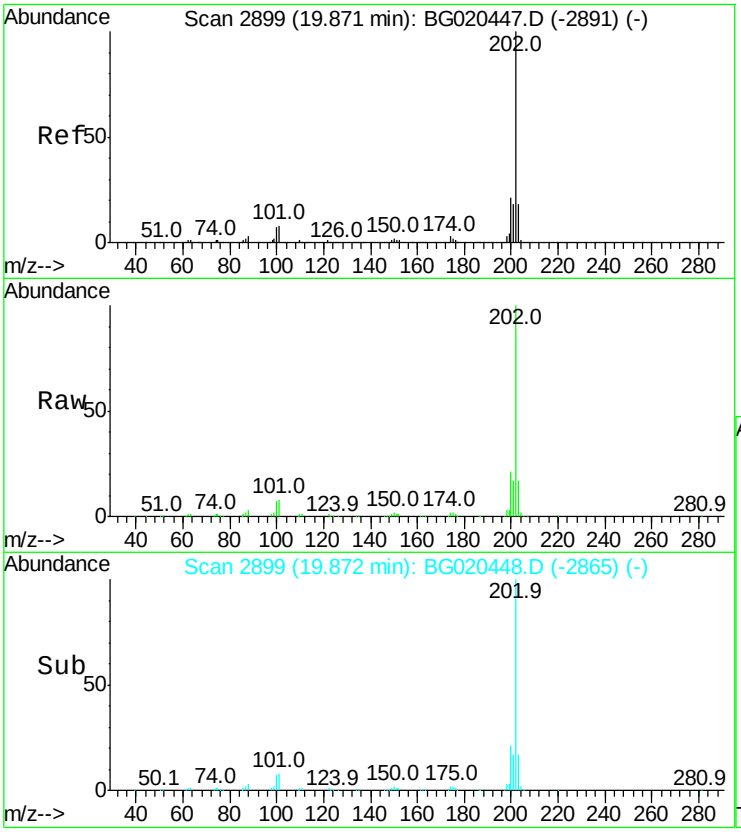


#77
Fluoranthene
Concen: 25.60 ng/ul
RT: 19.51 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:202 Resp: 274069

Ion	Ratio	Lower	Upper
202	100		
101	7.4	6.2	9.4
100	5.5	5.1	7.7



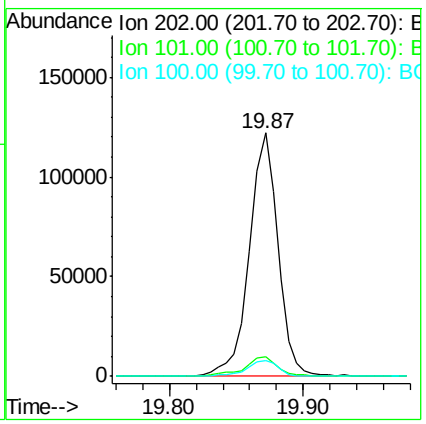


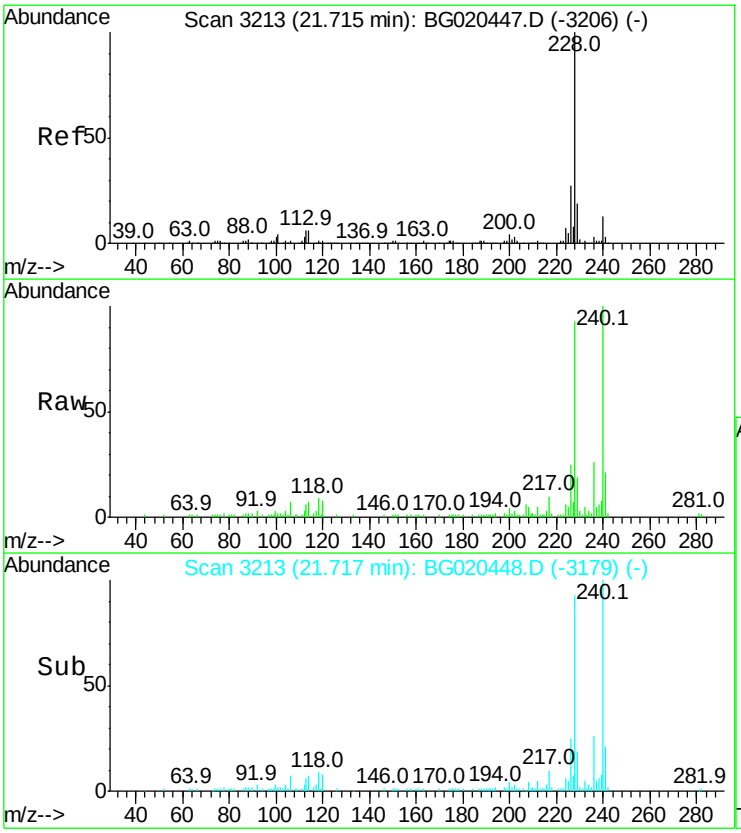
#80
Pyrene
Concen: 13.87 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:202 Resp: 180312

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	6.5	6.4	9.6

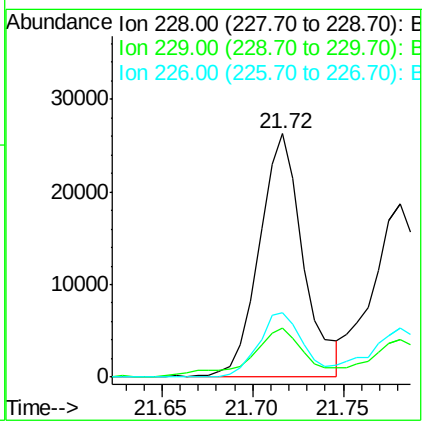


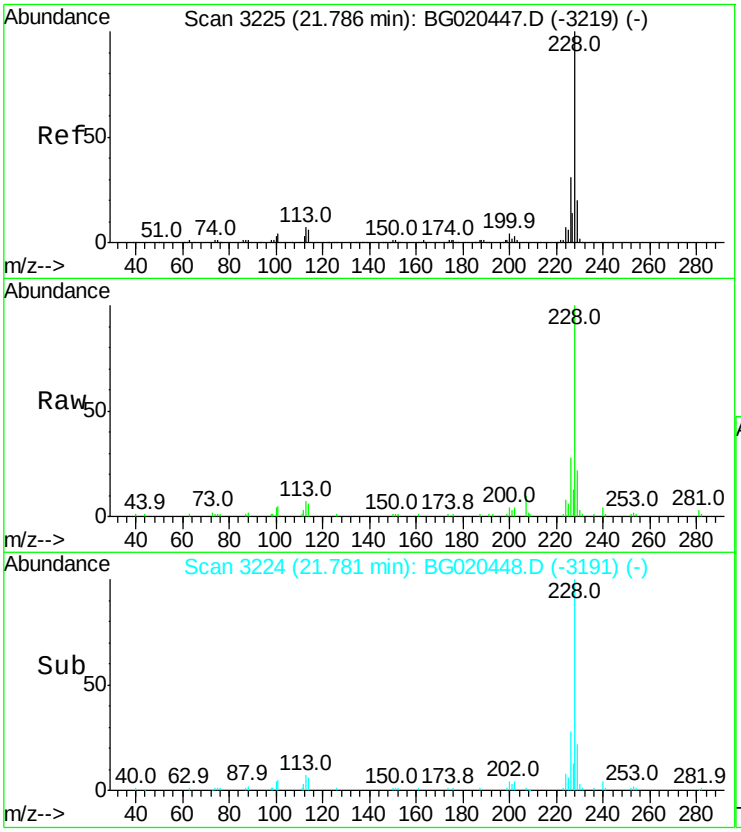


#83
Benzo(a)anthracene
Concen: 3.55 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:228 Resp: 44545

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	26.4	21.8	32.6



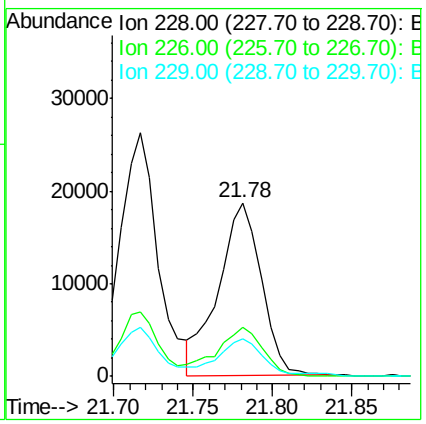


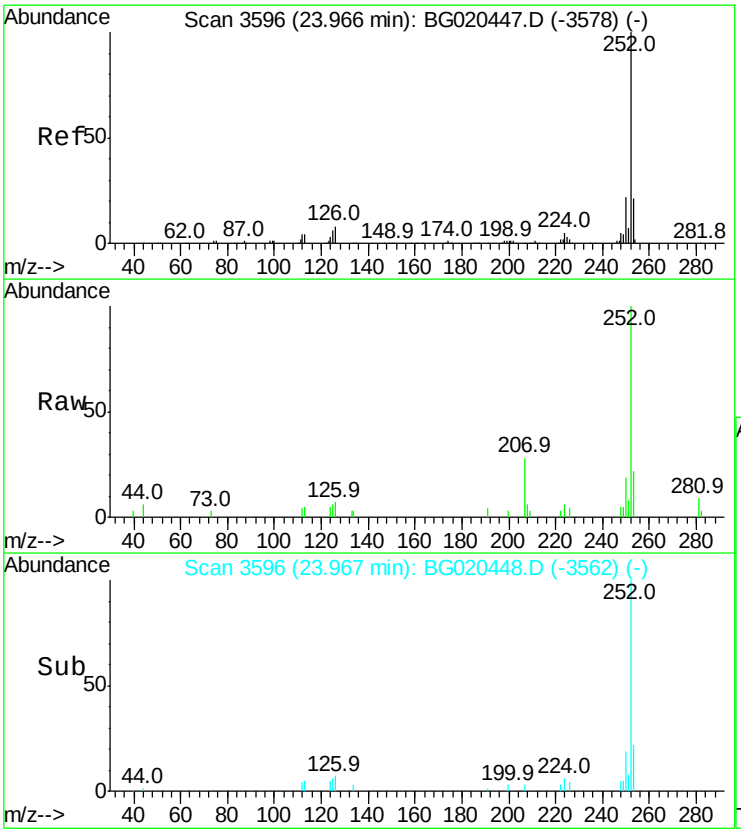
#85
Chrysene
Concen: 2.96 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Instrument :
BNA_G
ClientSampleId :
D9N49DL

Tgt Ion:228 Resp: 34985

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.9	35.9
229	21.7	15.6	23.4





#88
Benzo(b)fluoranthene
Concen: 1.59 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BG020448.D
Acq: 23 Dec 2015 18:08

Tgt Ion:252 Resp: 19714

Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.7	25.1
125	6.3	6.2	9.2