Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020405.D
Acq On : 22 Dec 2015 9:25
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9N61DL

Quant Time: Dec 22 14:01:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16464	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	72337	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	53128	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	132530	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	160534	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	134685	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	7.25	99	988	0.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	620	0.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	843	0.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	765	0.62	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	406	0.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	337	0.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	994	0.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1247	0.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	4243	0.99	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	5047	1.01	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	4230	1.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.57	188	7427m	1.22	ng/ul	0.00
79) Pyrene-d10	19.84	212	7934	1.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	6521	0.97	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.95	128	70284	18.61	ng/ul	99
34) 2-Methylnaphthalene	12.56	142	22826	7.91	ng/ul	96
41) 1,1'-Biphenyl	13.56	154	10306	2.57	ng/ul	96
50) Acenaphthene	14.79	153	50508	14.13	ng/ul	97
54) Dibenzofuran	15.12	168	53037	9.98	ng/ul	99
59) Fluorene	15.77	166	48236	11.30	ng/ul	98
70) Phenanthrene	17.51	178	251053	34.63	ng/ul	99
72) Anthracene	17.60	178	15997	2.18	ng/ul	98
75) Carbazole	17.87	167	8841	1.43	ng/ul	100
77) Fluoranthene	19.52	202	154100	18.19	ng/ul	98
80) Pyrene	19.87	202	102990	10.60	ng/ul	98
83) Benzo(a)anthracene	21.72	228	23165	2.47	ng/ul	97
85) Chrysene	21.79	228	18449	2.09	ng/ul	96

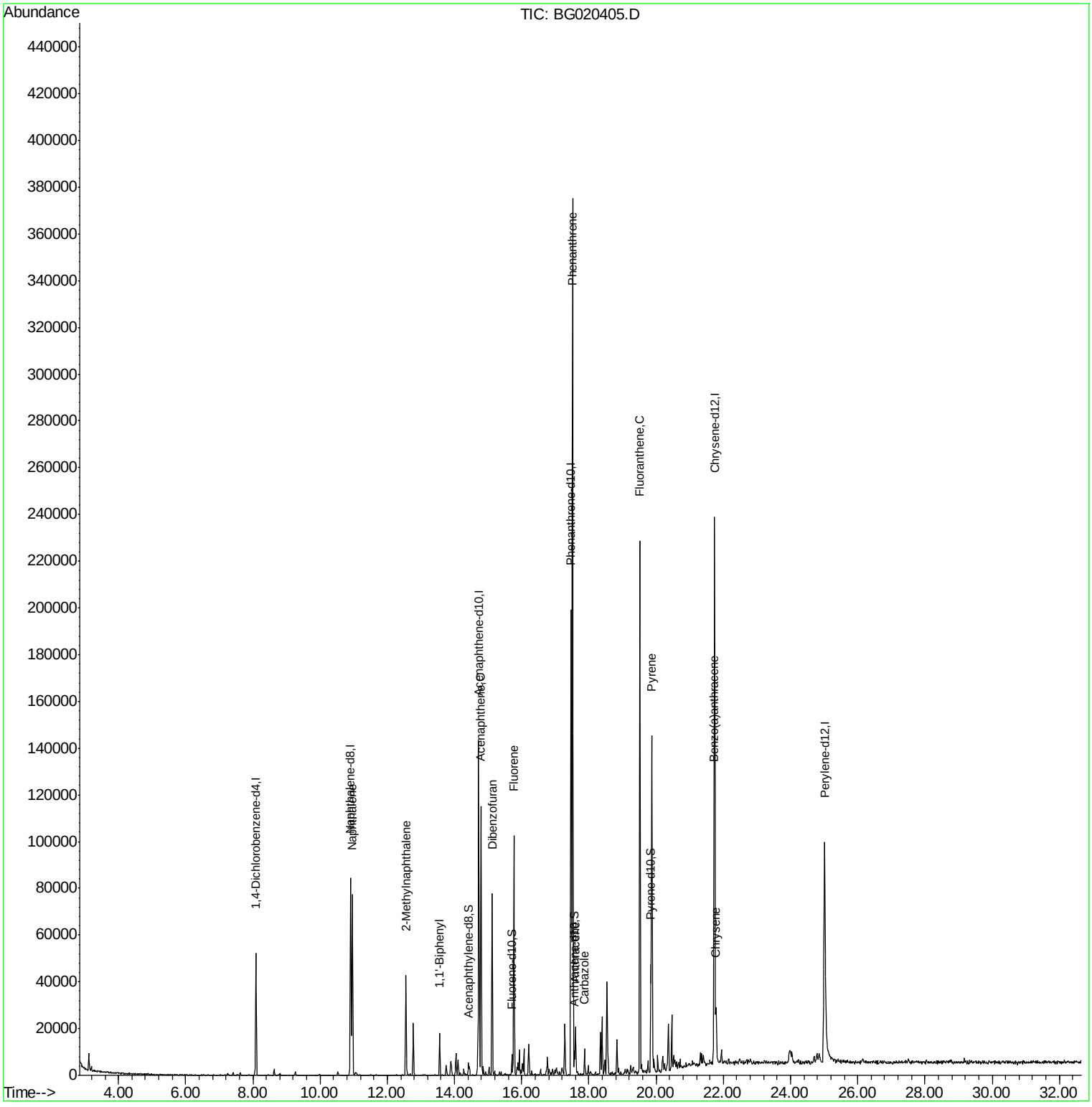
(#) = qualifier out of range (m) = manual integration (+) = signals summed

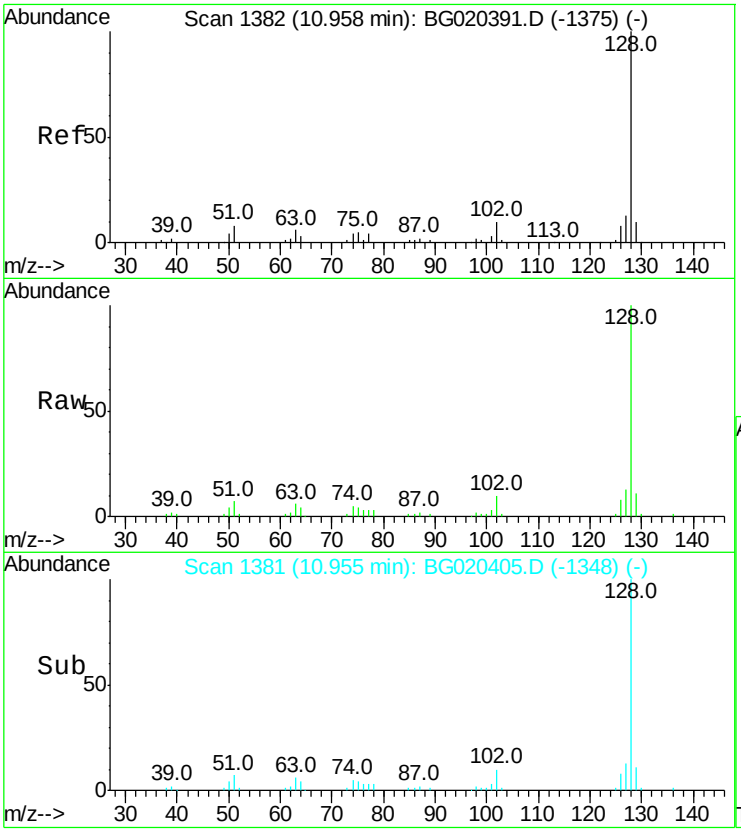
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
Data File : BG020405.D
Acq On : 22 Dec 2015 9:25
Operator : UM/SJ
Sample : G4848-15DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Quant Time: Dec 22 14:01:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



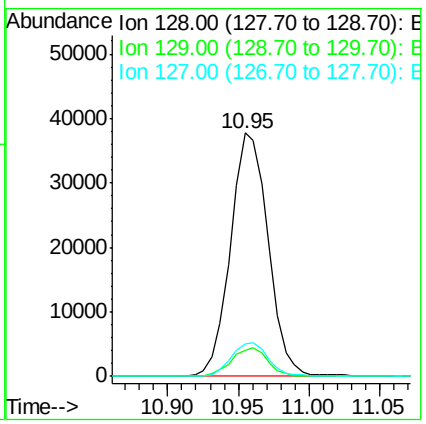


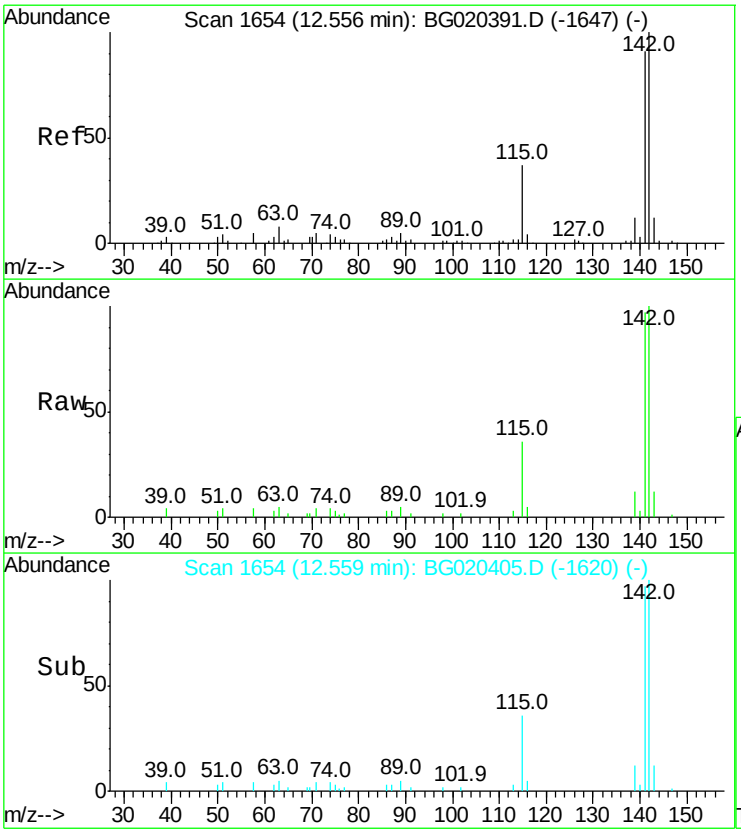
#28
Naphthalene
Concen: 18.61 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:128 Resp: 70284

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.3	10.1	15.1

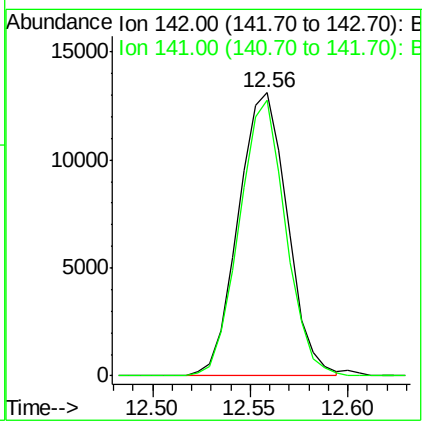


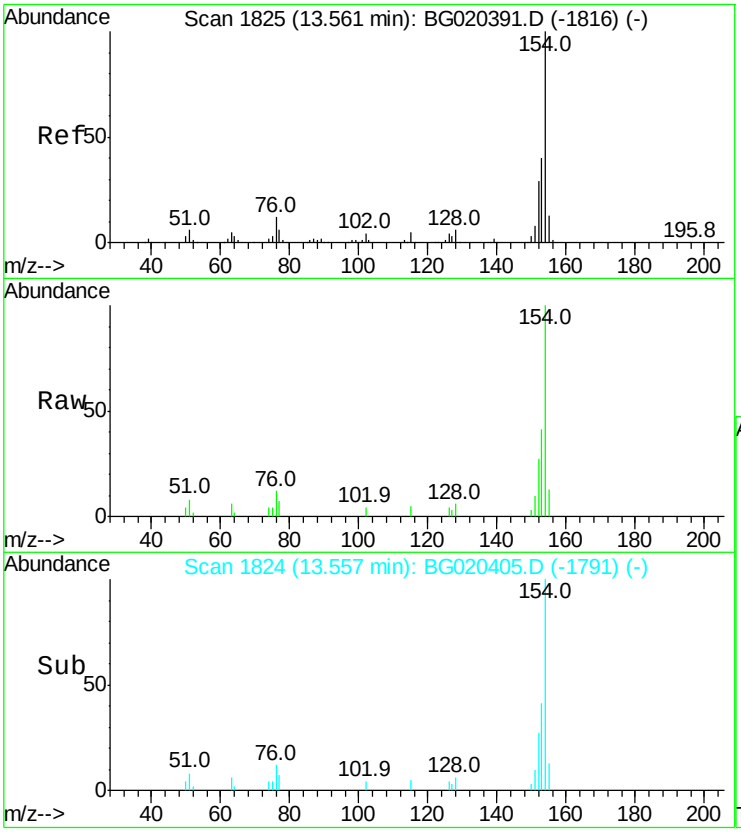


#34
2-Methylnaphthalene
Concen: 7.91 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. 0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:142 Resp: 22826

Ion	Ratio	Lower	Upper
142	100		
141	97.4	74.9	112.3



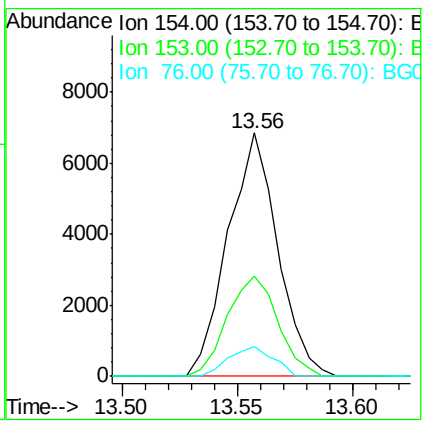


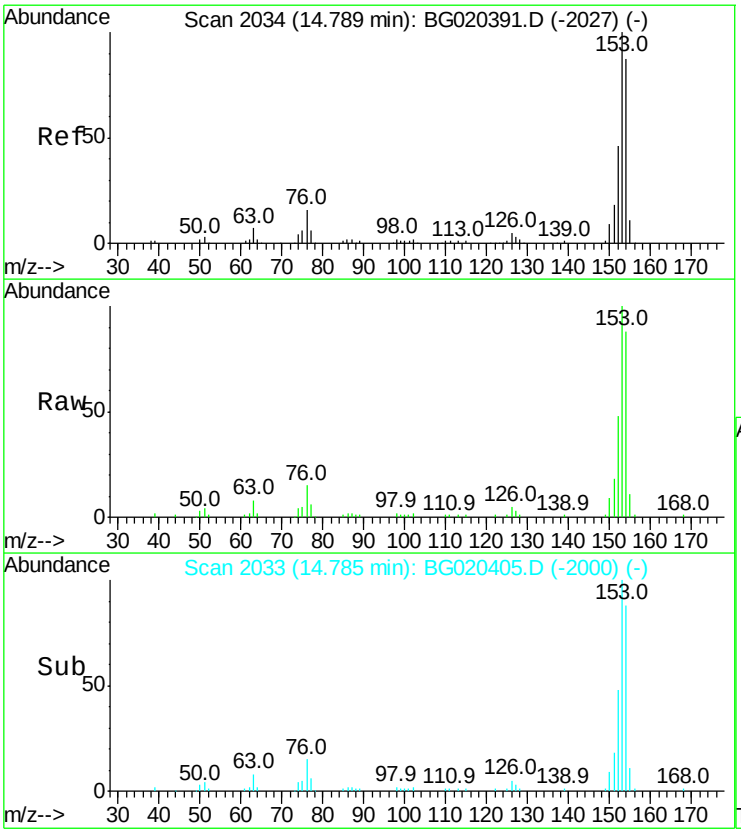
#41
1,1'-Biphenyl
Concen: 2.57 ng/ul
RT: 13.56 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:154 Resp: 10306

Ion	Ratio	Lower	Upper
154	100		
153	41.2	35.5	53.3
76	12.1	10.4	15.6

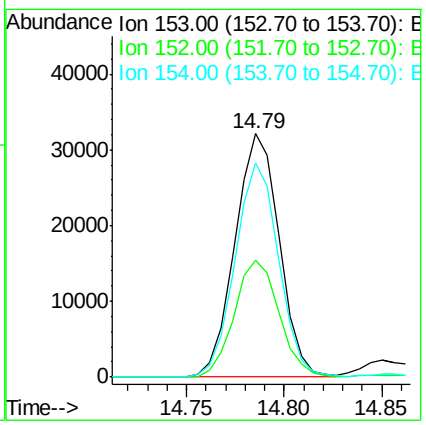


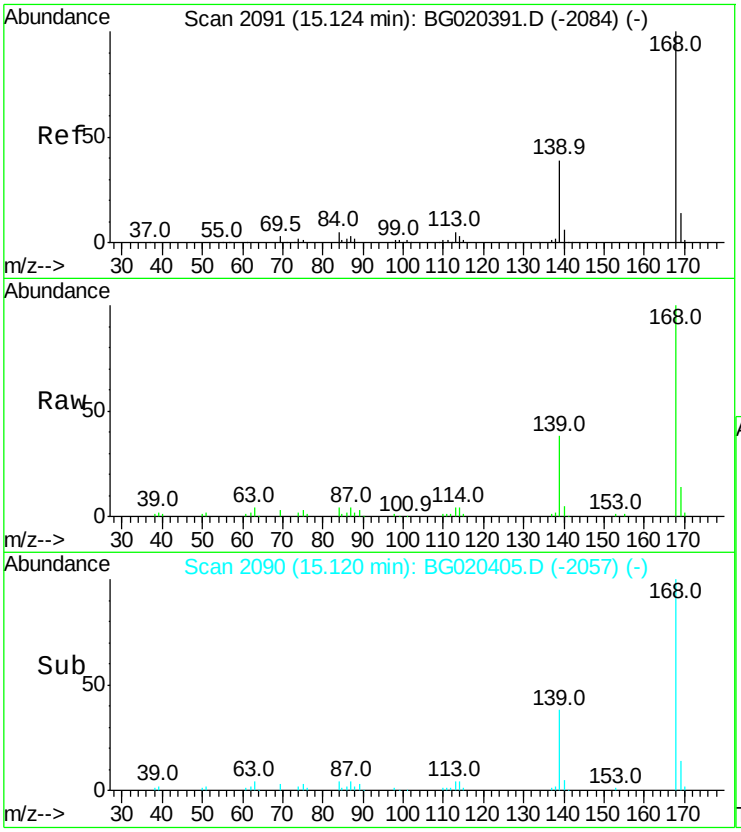


#50
Acenaphthene
Concen: 14.13 ng/ul
RT: 14.79 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:153 Resp: 50508

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.6	56.4
154	88.1	67.9	101.9



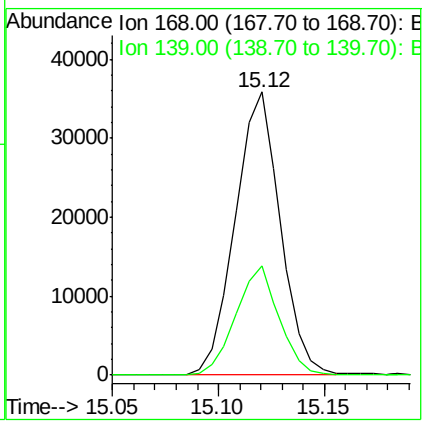


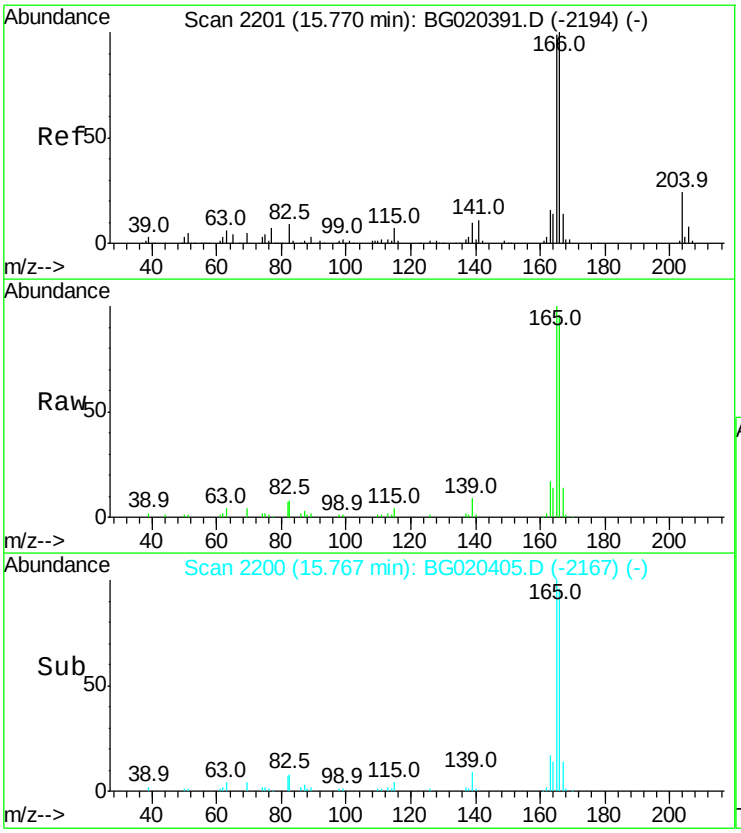
#54
Dibenzofuran
Concen: 9.98 ng/ul
RT: 15.12 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:168 Resp: 53037

Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.5	45.7

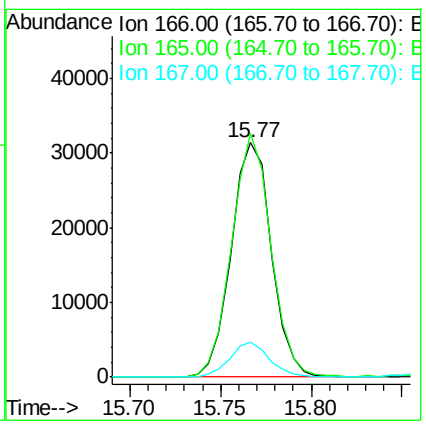


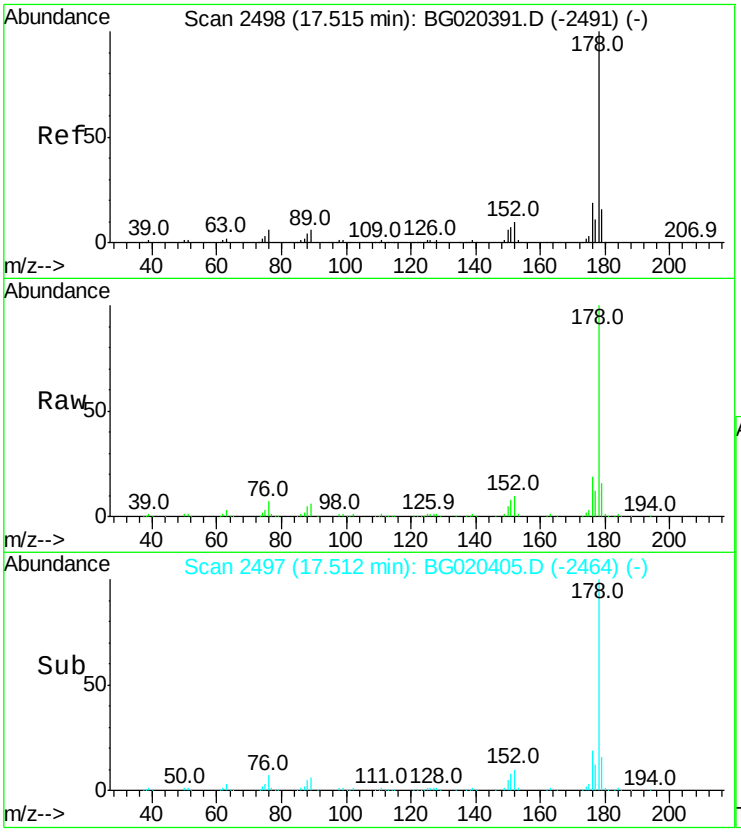


#59
Fluorene
Concen: 11.30 ng/ul
RT: 15.77 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:166 Resp: 48236

Ion	Ratio	Lower	Upper
166	100		
165	103.9	81.4	122.0
167	14.9	11.2	16.8



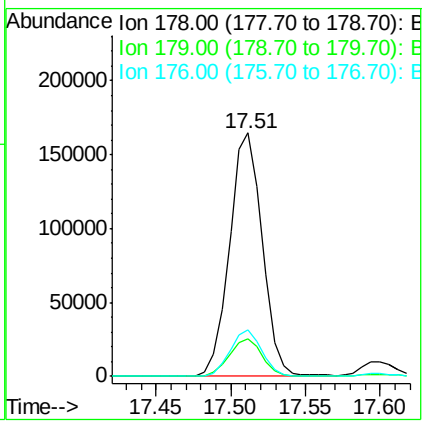


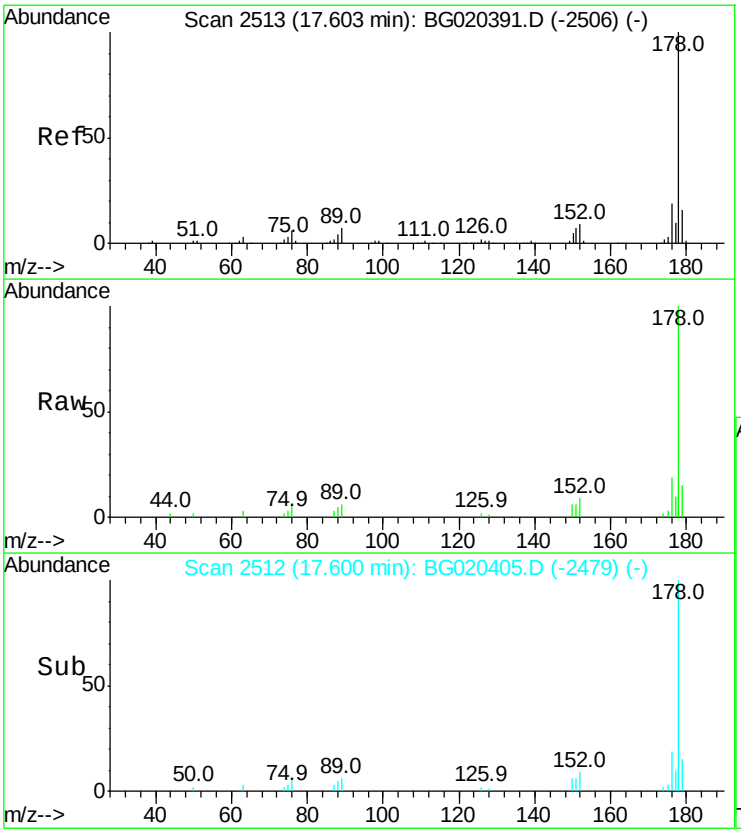
#70
Phenanthrene
Concen: 34.63 ng/ul
RT: 17.51 min Scan# 2497
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:178 Resp: 251053

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.0	15.3	22.9

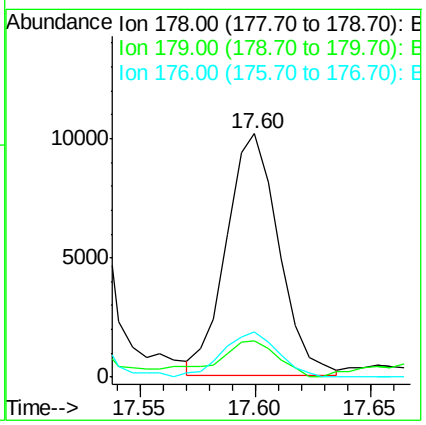


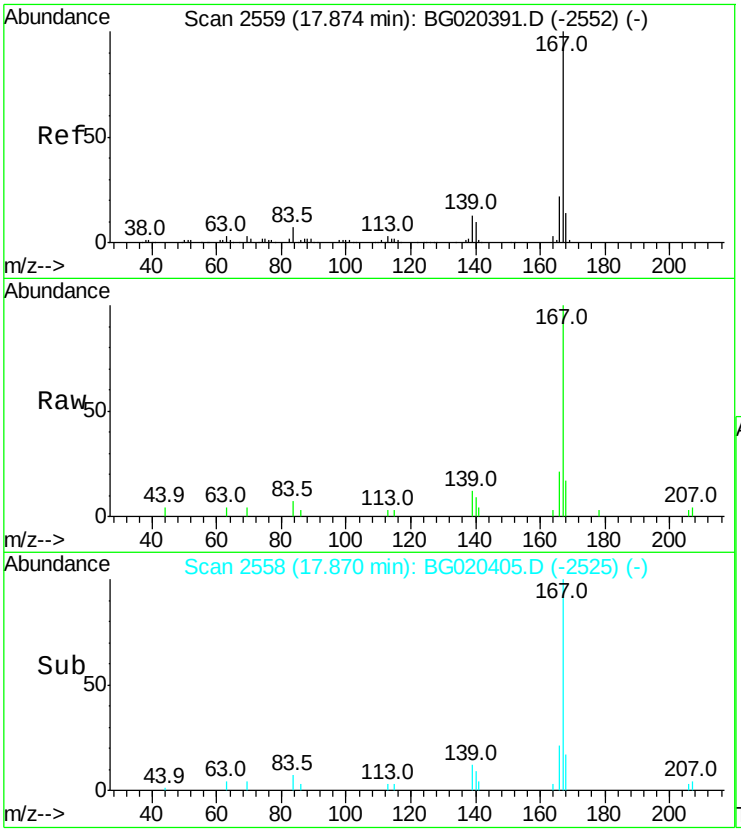


#72
Anthracene
Concen: 2.18 ng/ul
RT: 17.60 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:178 Resp: 15997

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.6	14.3	21.5



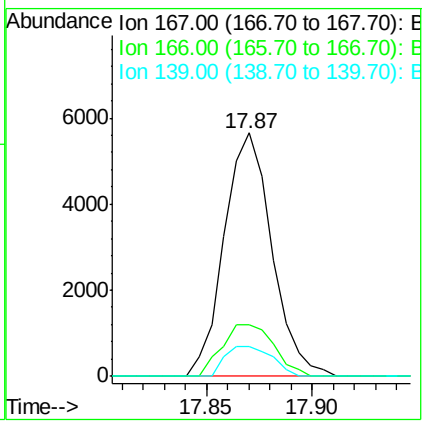


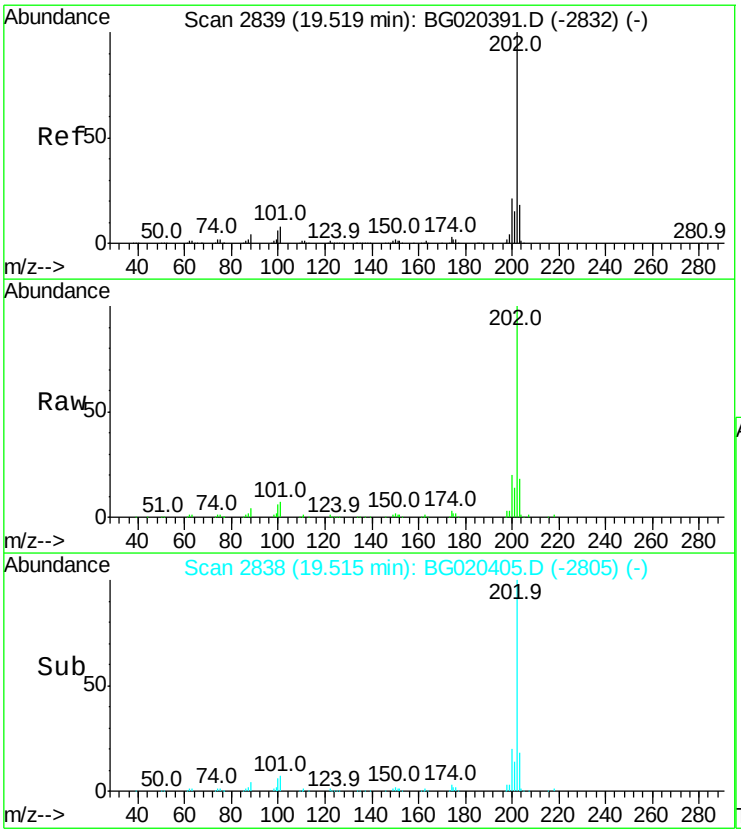
#75
Carbazole
Concen: 1.43 ng/ul
RT: 17.87 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:167 Resp: 8841

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	12.2	10.1	15.1

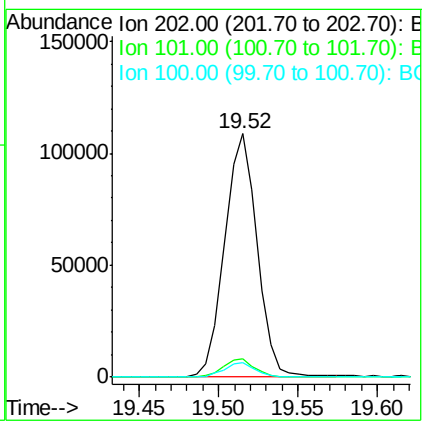


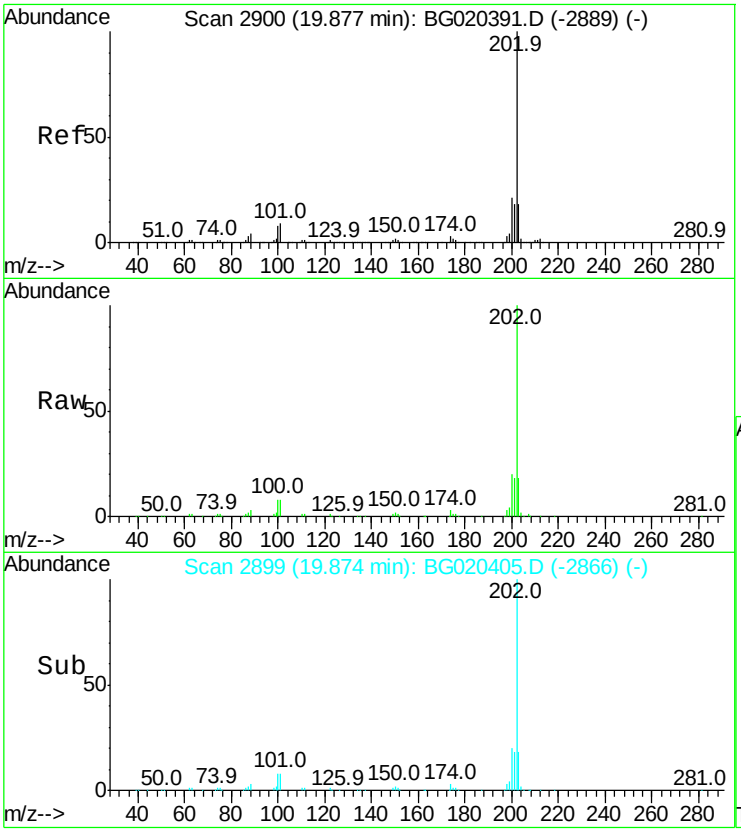


#77
Fluoranthene
Concen: 18.19 ng/ul
RT: 19.52 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:202 Resp: 154100

Ion	Ratio	Lower	Upper
202	100		
101	7.3	6.2	9.4
100	5.8	5.1	7.7



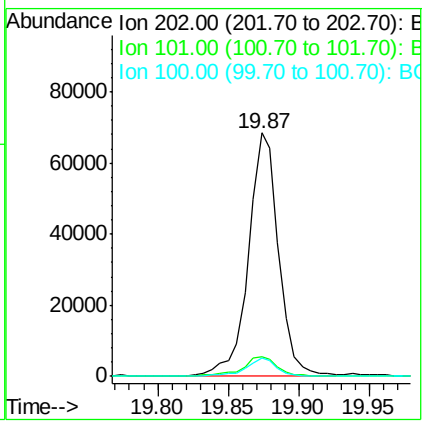


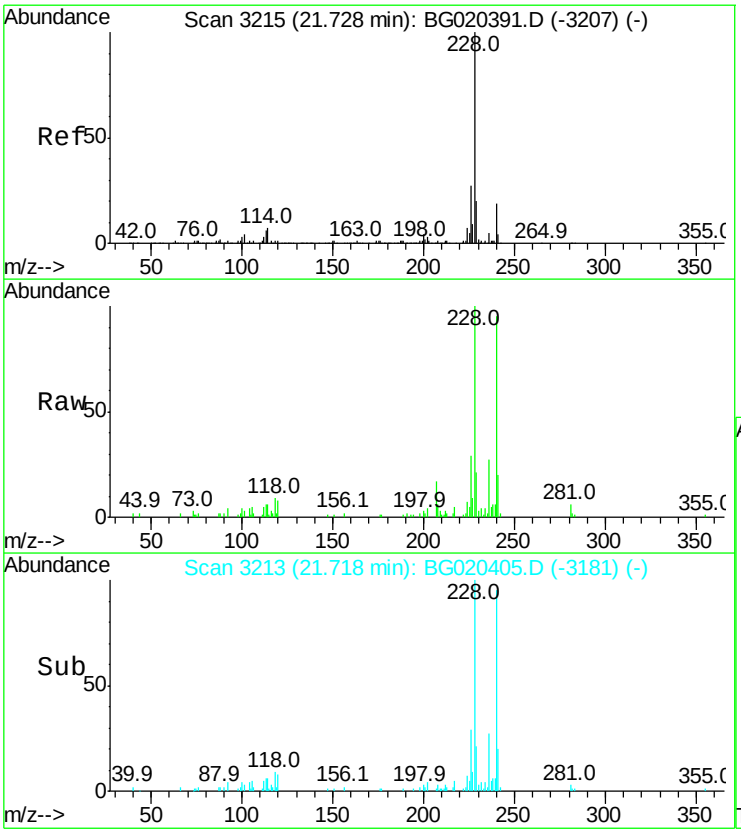
#80
Pyrene
Concen: 10.60 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:202 Resp: 102990

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.0	10.4
100	7.7	6.4	9.6

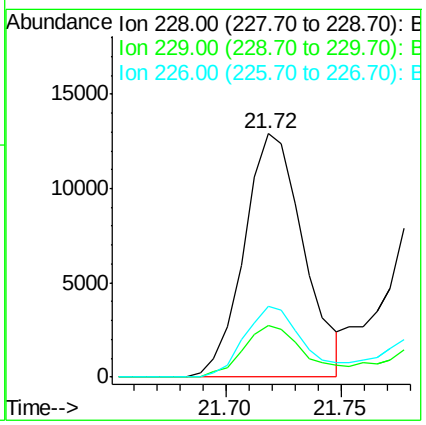


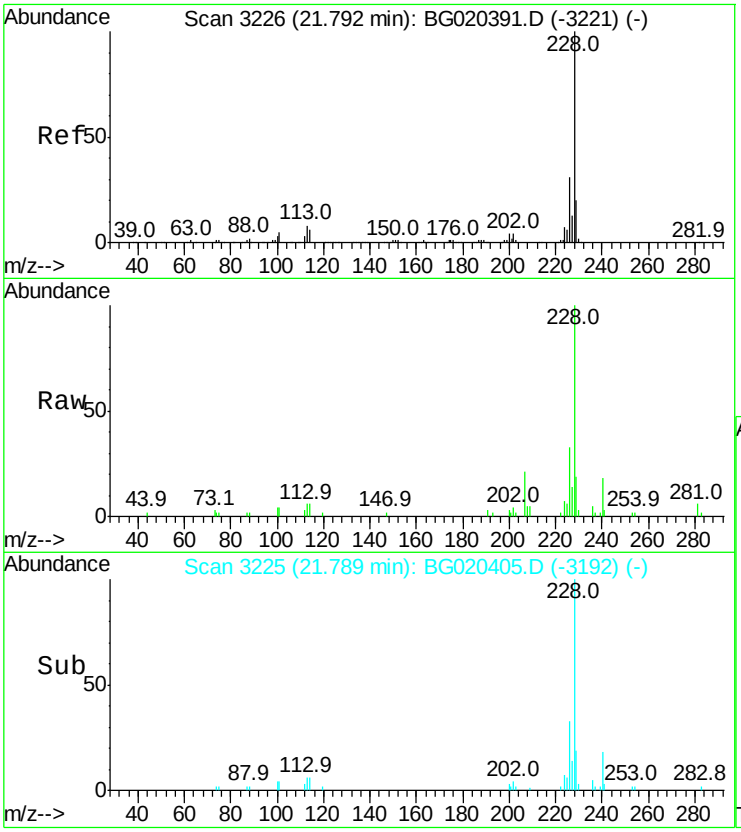


#83
Benzo(a)anthracene
Concen: 2.47 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Tgt Ion:228 Resp: 23165

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	29.0	21.8	32.6





#85
Chrysene
Concen: 2.09 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.00 min
Lab File: BG020405.D
Acq: 22 Dec 2015 9:25

Instrument :
BNA_G
ClientSampleId :
D9N61DL

Tgt Ion:228 Resp: 18449

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.9	35.9
229	19.3	15.6	23.4