Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022048.D
Acq On : 23 May 2016 15:56
Operator : UM/SJ
Sample : H3124-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGF7

Quant Time: May 24 06:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43280	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	227548	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	122102	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	216073	20.00	ng/ul	0.00
75) Chrysene-d12	21.82	240	179412	20.00	ng/ul	0.00
83) Perylene-d12	25.15	264	173365	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1853	2.23	ng/uL	0.00
5) Phenol-d5	7.31	99	47386	12.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	24001	11.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	42217	12.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	40356	12.17	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	19996	11.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	21429	11.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	39407	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	43058	12.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	126848	13.83	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	174215	13.60	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	5750	3.64	ng/ul	0.02
57) Fluorene-d10	15.77	176	109278	12.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	6416	5.68	ng/ul	0.00
70) Anthracene-d10	17.63	188	145020	13.98	ng/ul	0.00
76) Pyrene-d10	19.91	212	138023	13.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.92	264	116647	14.50	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.23	163	34823	3.78	ng/ul#	94
47) Acenaphthylene	14.51	152	19683	1.51	ng/ul	99
58) Fluorene	15.83	166	16424	1.75	ng/ul	98
69) Phenanthrene	17.58	178	204192	16.99	ng/ul	99
71) Anthracene	17.66	178	42826	3.52	ng/ul	95
74) Fluoranthene	19.57	202	260057	21.17	ng/ul	99
77) Pyrene	19.94	202	293730	23.27	ng/ul	98
80) Benzo(a)anthracene	21.80	228	92680	8.81	ng/ul	97
82) Chrysene	21.87	228	96803	9.59	ng/ul	98
85) Benzo(b)fluoranthene	24.10	252	95020	9.37	ng/ul#	92
86) Benzo(k)fluoranthene	24.10	252	95020	9.62	ng/ul#	88
88) Benzo(a)pyrene	25.00	252	88070	9.00	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.97	276	18111	1.61	ng/ul#	87
91) Benzo(g,h,i)perylene	30.17	276	14980	1.67	ng/ul#	86

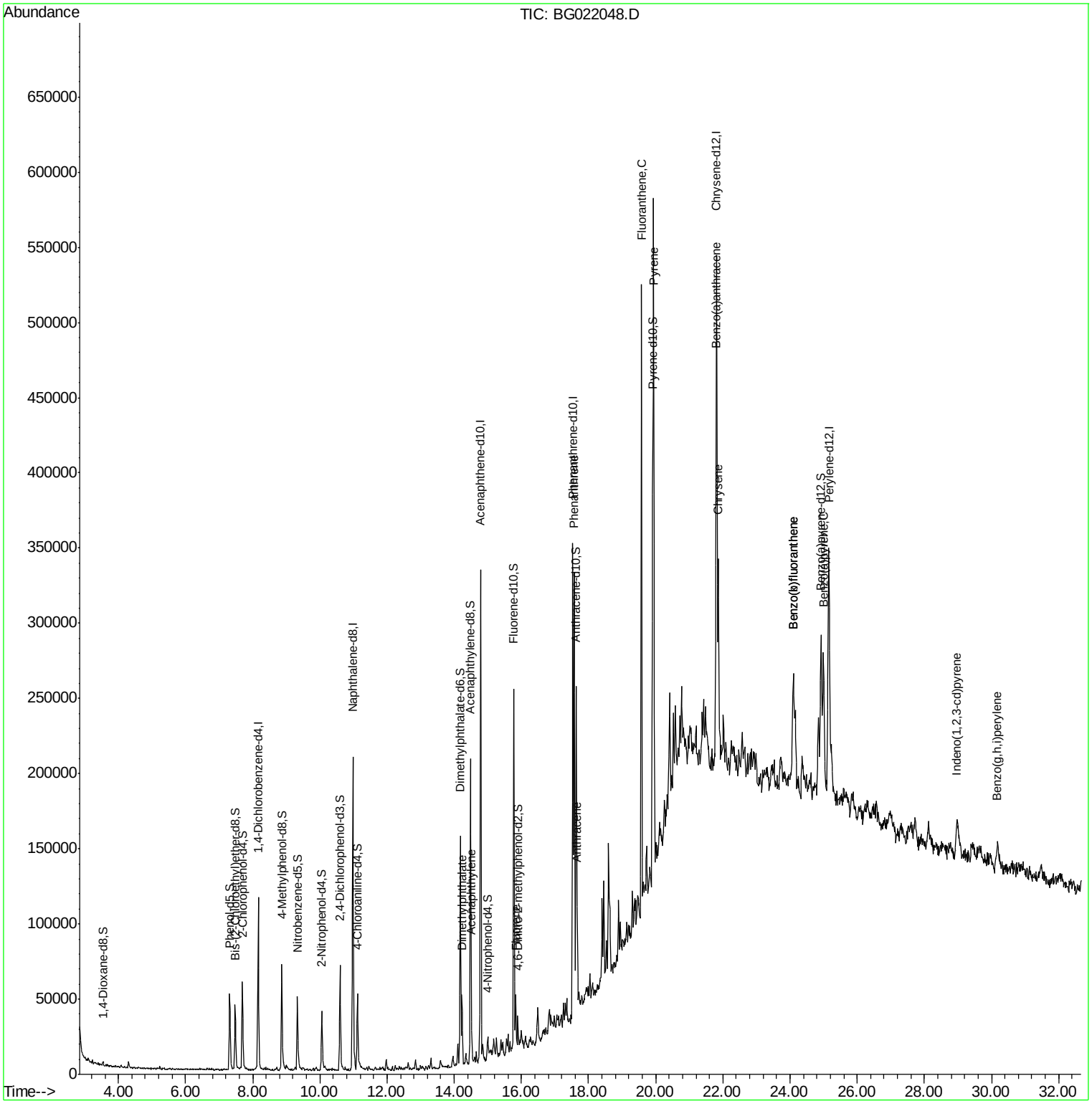
(#) = qualifier out of range (m) = manual integration (+) = signals summed

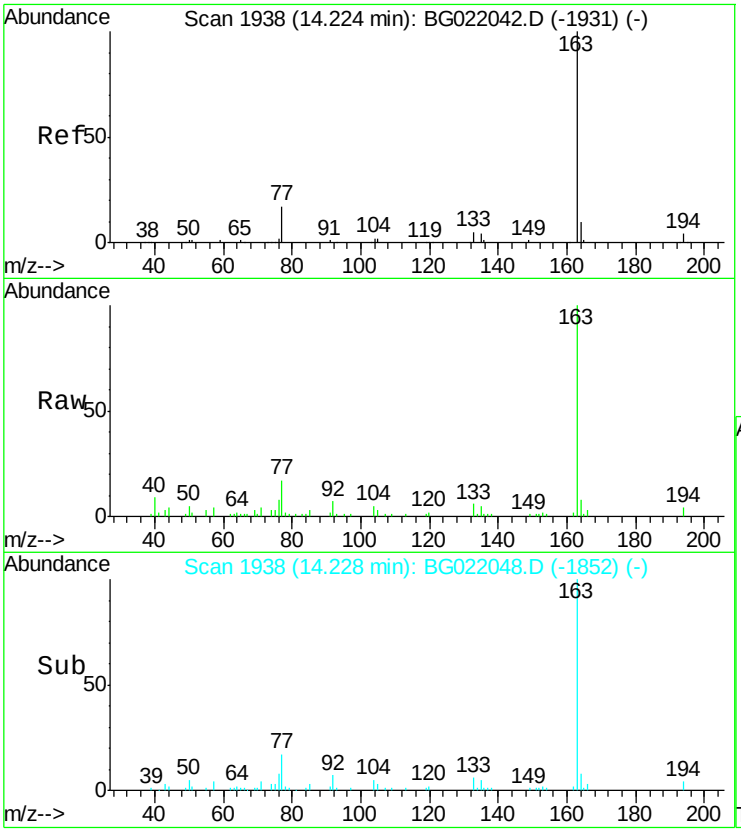
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052316\
Data File : BG022048.D
Acq On : 23 May 2016 15:56
Operator : UM/SJ
Sample : H3124-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHGF7

Quant Time: May 24 06:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 05:44:46 2016
Response via : Initial Calibration



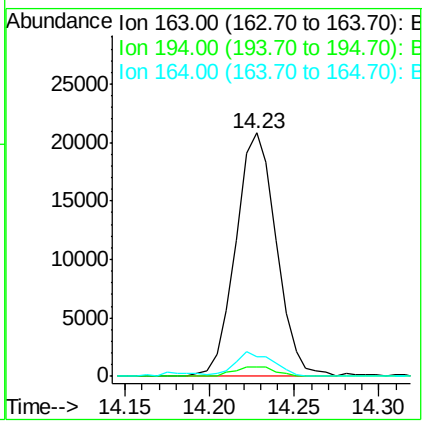


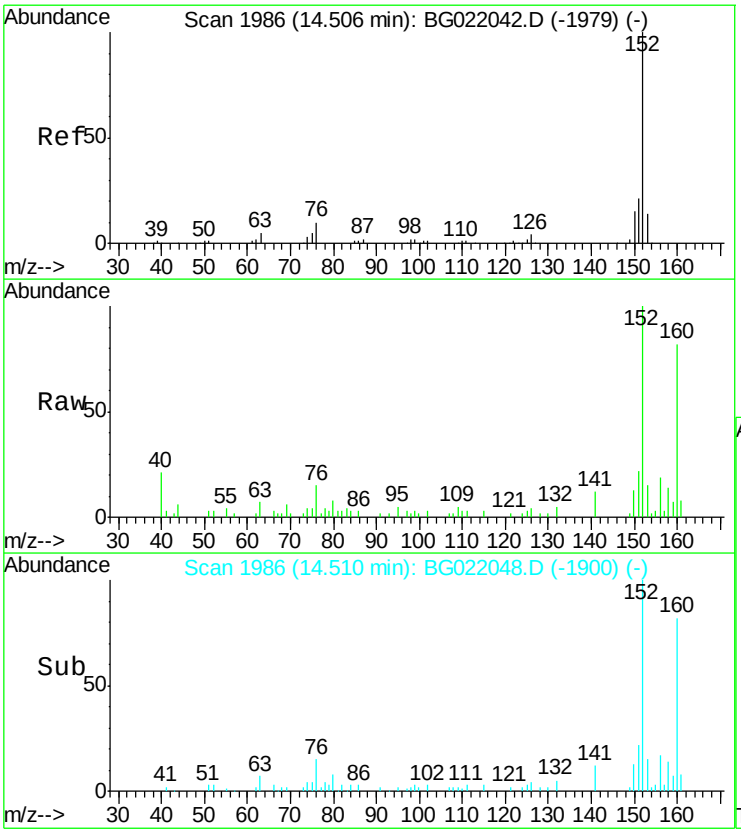
#44
Dimethylphthalate
Concen: 3.78 ng/ul
RT: 14.23 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:163 Resp: 34823

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	8.3	8.8	13.2#

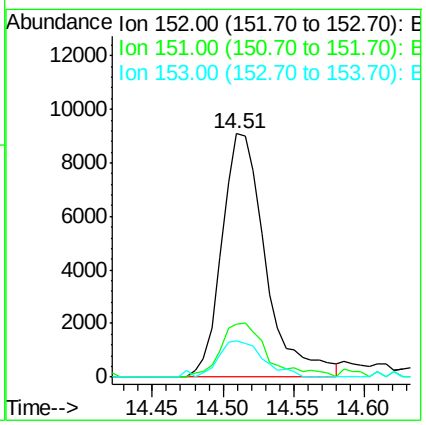


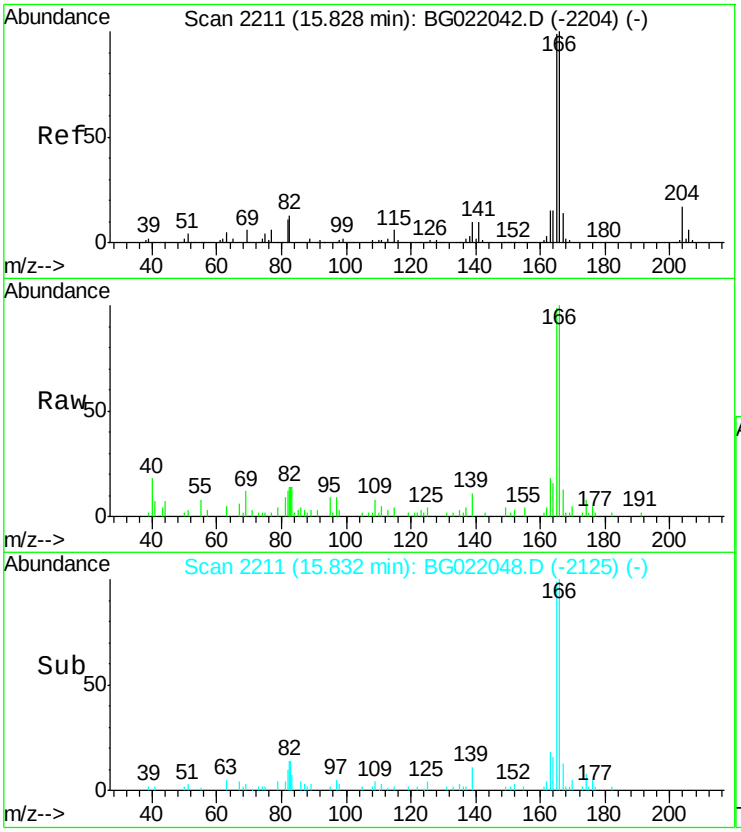


#47
Acenaphthylene
Concen: 1.51 ng/ul
RT: 14.51 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:152 Resp: 19683

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.5	26.3
153	14.8	11.1	16.7



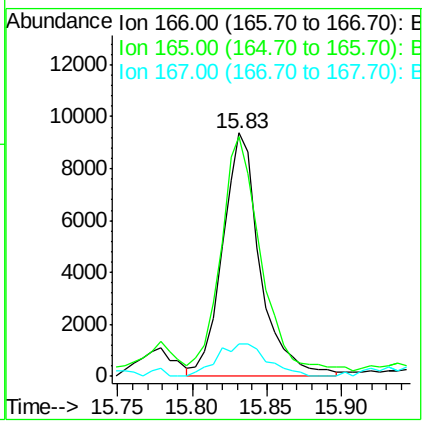


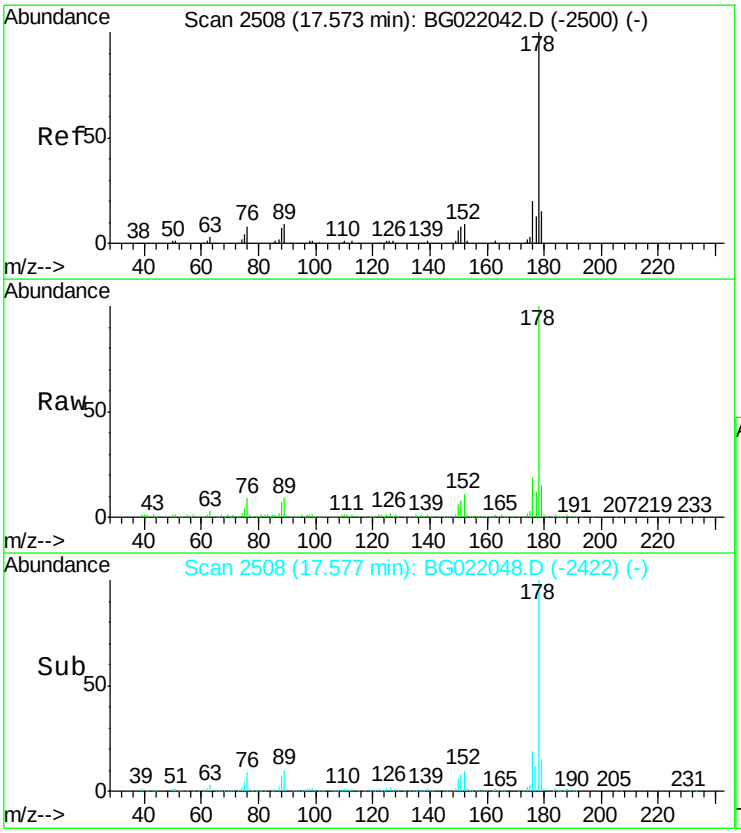
#58
Fluorene
Concen: 1.75 ng/ul
RT: 15.83 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:166 Resp: 16424

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.3	120.5
167	13.2	10.3	15.5

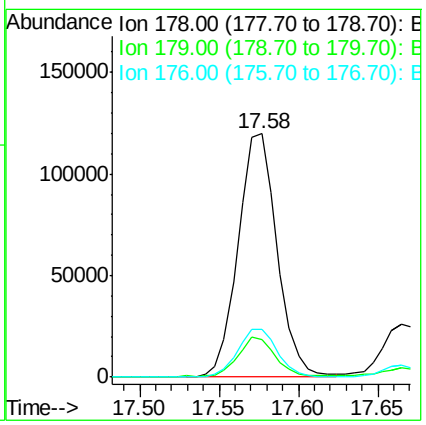


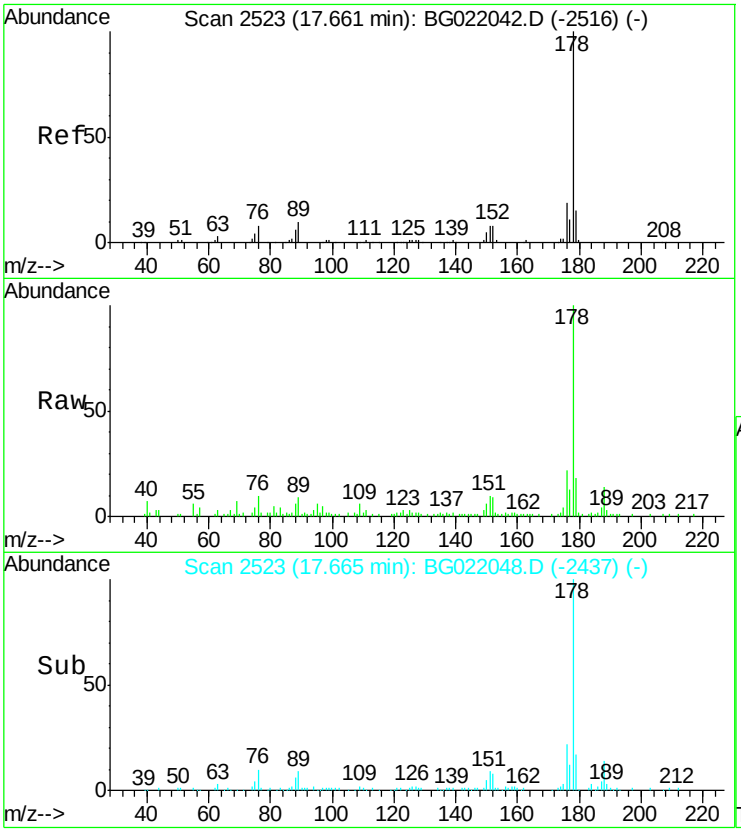


#69
Phenanthrene
Concen: 16.99 ng/ul
RT: 17.58 min Scan# 2508
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:178 Resp: 204192

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	19.4	15.8	23.8



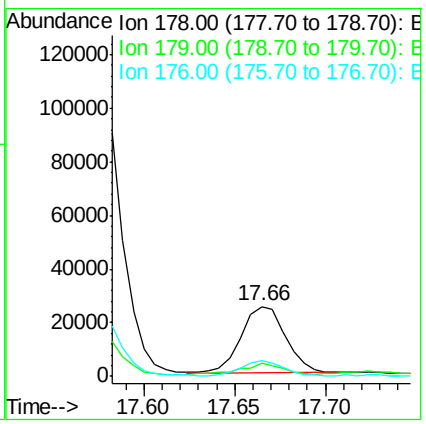


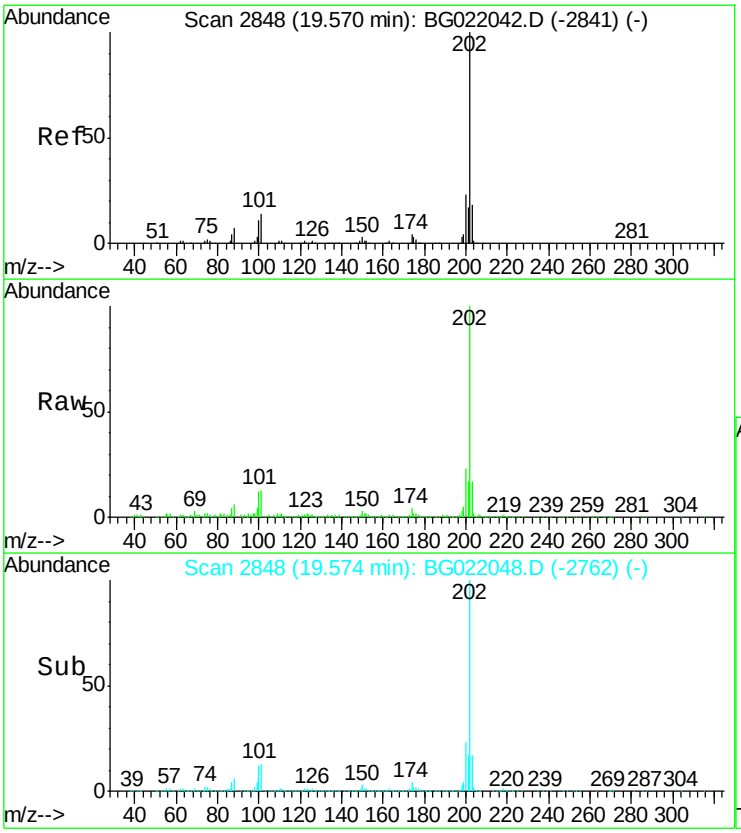
#71
Anthracene
Concen: 3.52 ng/ul
RT: 17.66 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:178 Resp: 42826

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.3	18.5
176	21.7	16.3	24.5

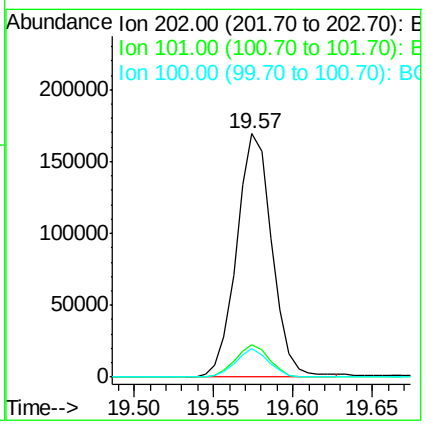


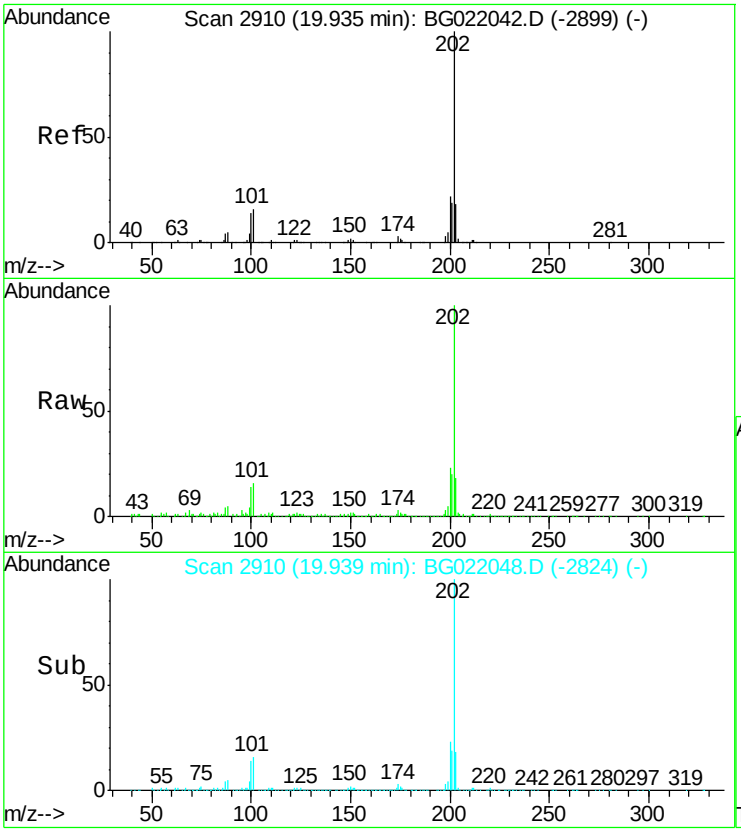


#74
Fluoranthene
Concen: 21.17 ng/ul
RT: 19.57 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:202 Resp: 260057

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.6	16.0
100	11.8	8.7	13.1



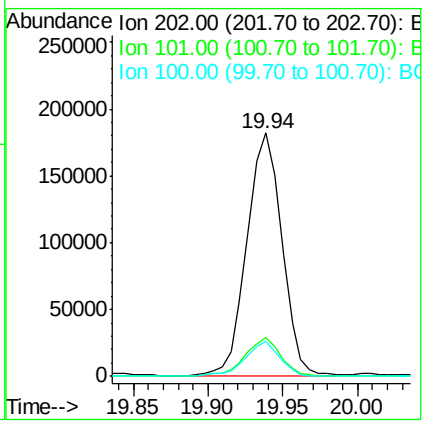


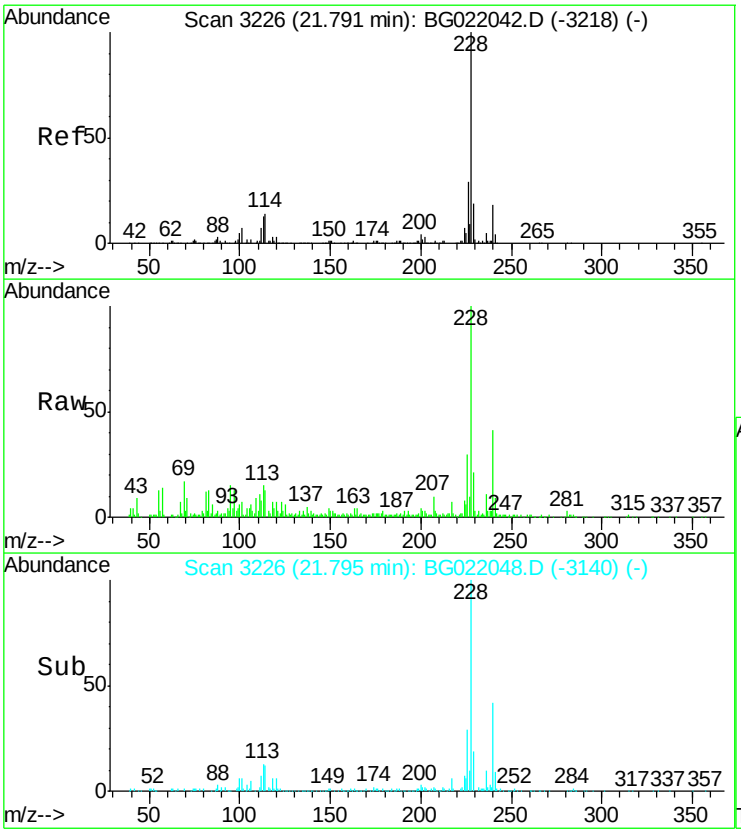
#77
Pyrene
Concen: 23.27 ng/ul
RT: 19.94 min Scan# 2910
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:202 Resp: 293730

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.5	18.7
100	14.1	10.2	15.4

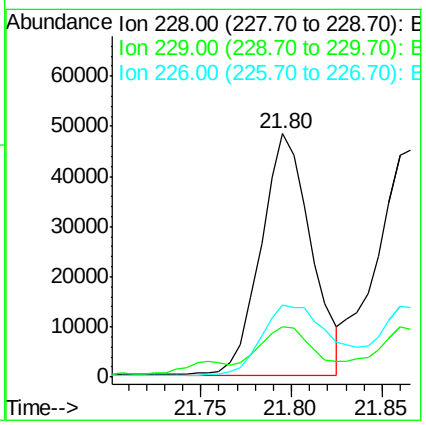


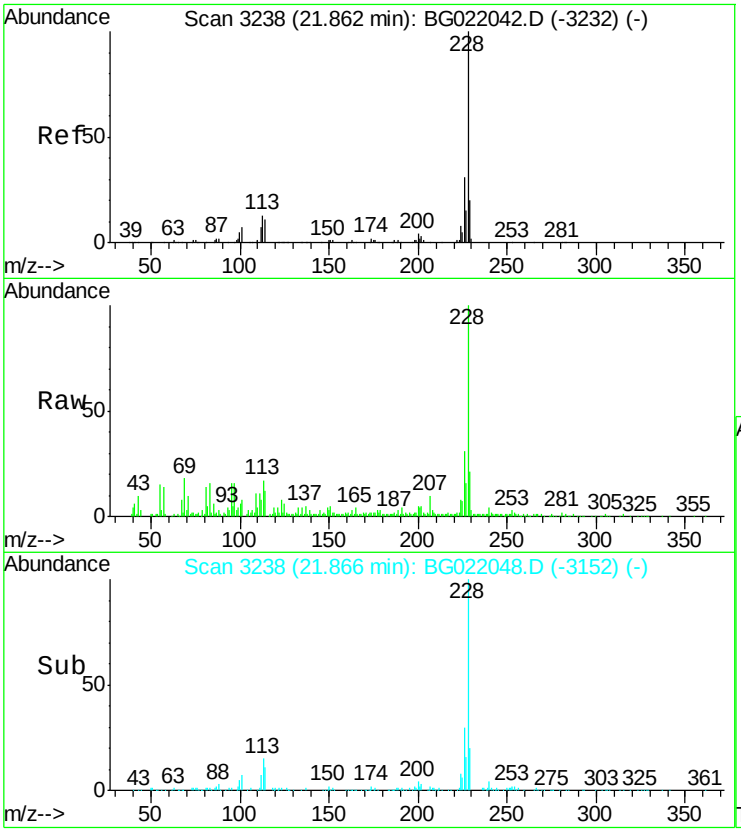


#80
Benzo(a)anthracene
Concen: 8.81 ng/ul
RT: 21.80 min Scan# 3226
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:228 Resp: 92680

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.2
226	29.6	22.8	34.2



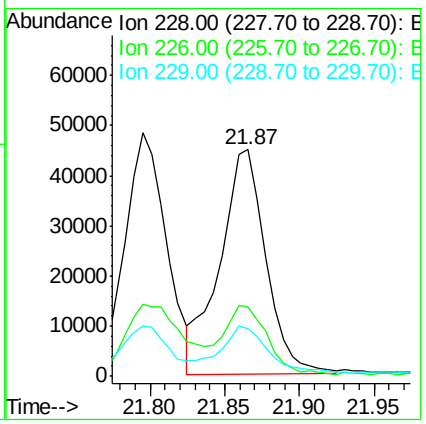


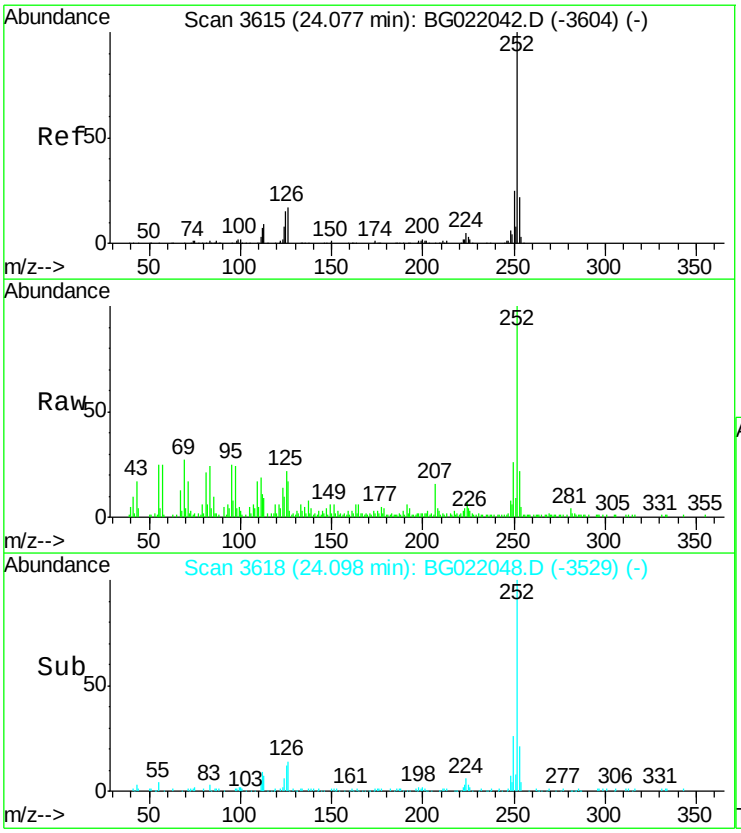
#82
Chrysene
Concen: 9.59 ng/ul
RT: 21.87 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:228 Resp: 96803

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.4
229	21.2	15.0	22.6

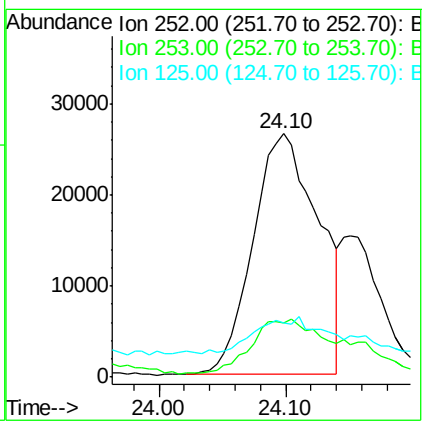


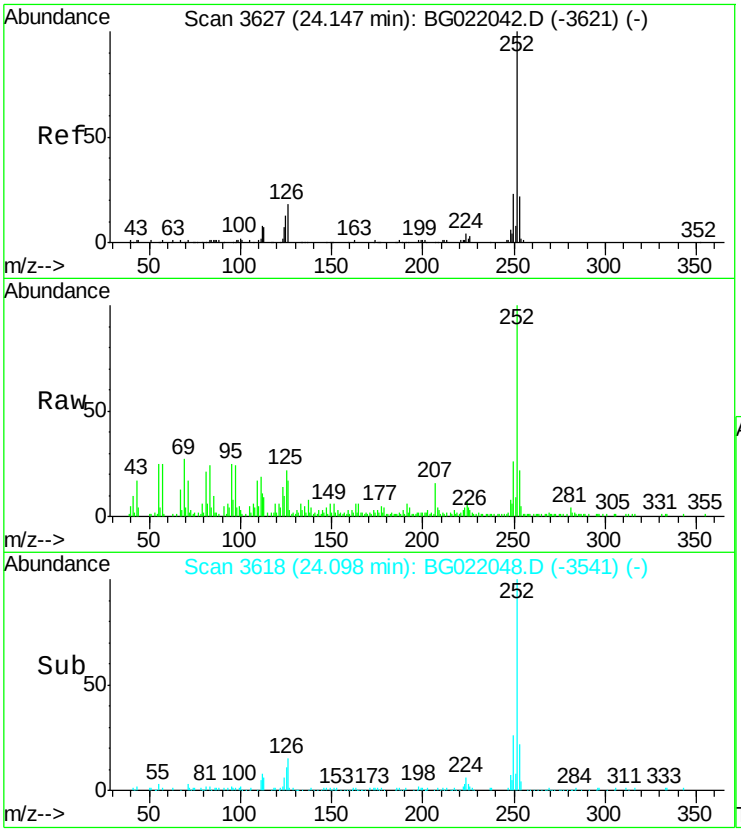


#85
Benzo(b)fluoranthene
Concen: 9.37 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. 0.02 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:252 Resp: 95020

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	22.0	10.8	16.2#



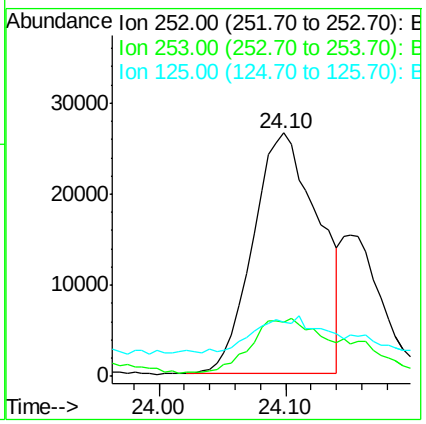


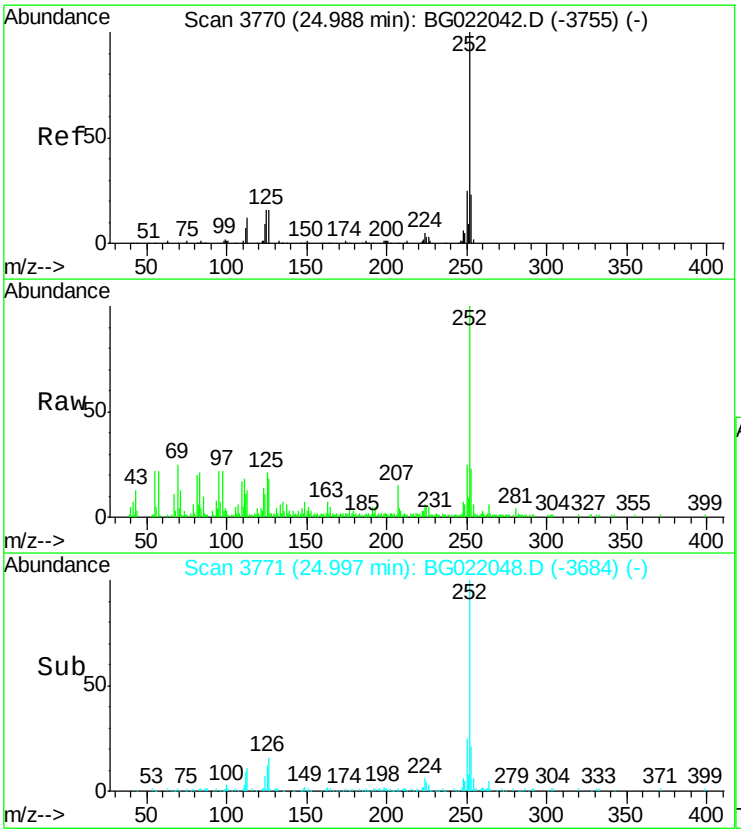
#86
Benzo(k)fluoranthene
Concen: 9.62 ng/ul
RT: 24.10 min Scan# 3618
Delta R.T. -0.05 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:252 Resp: 95020

Ion	Ratio	Lower	Upper
252	100		
253	22.5	15.8	23.6
125	22.0	10.6	16.0#

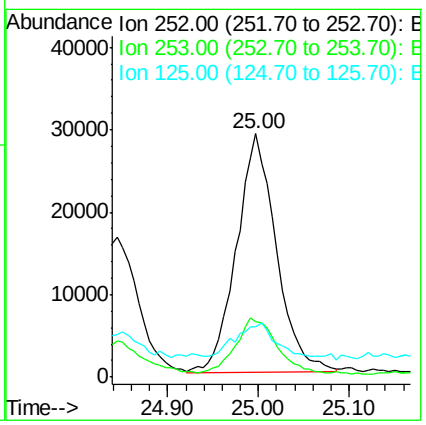


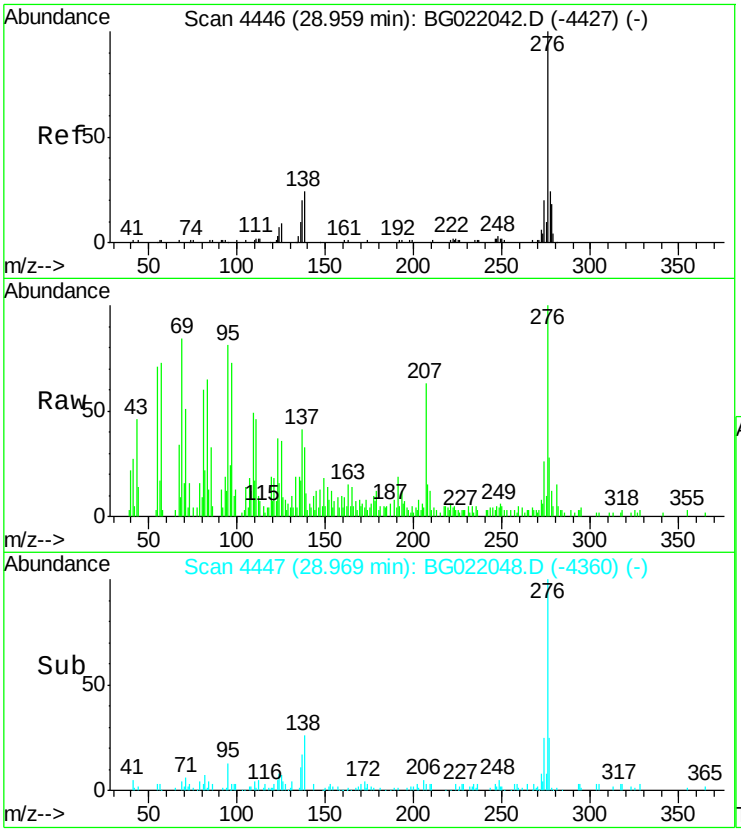


#88
Benzo(a)pyrene
Concen: 9.00 ng/ul
RT: 25.00 min Scan# 3771
Delta R.T. 0.01 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:252 Resp: 88070

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.4
125	20.6	12.0	18.0#



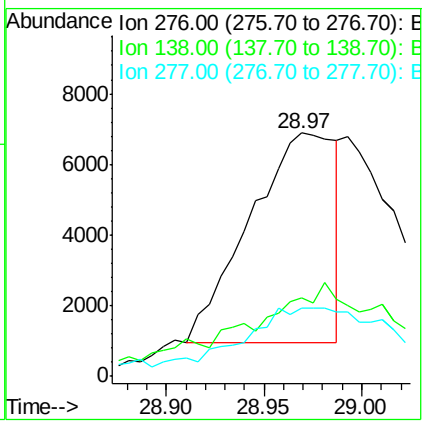


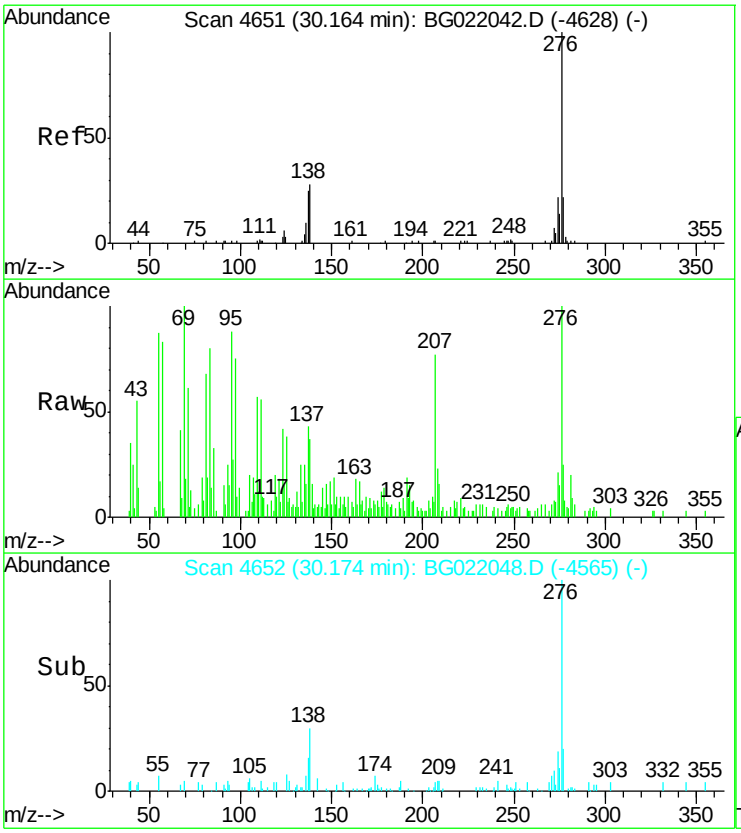
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.61 ng/ul
RT: 28.97 min Scan# 4447
Delta R.T. 0.01 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Instrument :
BNA_G
ClientSampleId :
JHGF7

Tgt Ion:276 Resp: 18111

Ion	Ratio	Lower	Upper
276	100		
138	32.5	20.8	31.2#
277	28.0	17.6	26.4#





#91
Benzo(g,h,i)perylene
Concen: 1.67 ng/ul
RT: 30.17 min Scan# 4652
Delta R.T. 0.01 min
Lab File: BG022048.D
Acq: 23 May 2016 15:56

Tgt Ion:276 Resp: 14980

Ion	Ratio	Lower	Upper
276	100		
138	37.1	22.1	33.1#
277	25.0	17.0	25.4