Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020745.D
Acq On : 15 Jan 2016 10:09
Operator : SJ/IZ
Sample : H1101-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9A9

Quant Time: Jan 15 22:15:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	81247	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	57034	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	146128	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	174093	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	161995	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1274	3.22	ng/uL	0.00
5) Phenol-d5	7.21	99	27537	16.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	19351	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	24375	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	15477	11.08	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	12854	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	15279	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	26609	18.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24806	17.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	99823	20.06	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	117546	21.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	8789	13.15	ng/ul	0.00
58) Fluorene-d10	15.67	176	92481	20.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12270	15.44	ng/ul	0.00
71) Anthracene-d10	17.52	188	148359	20.71	ng/ul	0.00
79) Pyrene-d10	19.82	212	177264	21.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	186058	21.55	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.13	163	50066	9.36	ng/ul	100
70) Phenanthrene	17.47	178	30174	3.47	ng/ul	99
77) Fluoranthene	19.47	202	58250	5.51	ng/ul	98
80) Pyrene	19.84	202	65901	5.97	ng/ul	98
83) Benzo(a)anthracene	21.68	228	33673	3.10	ng/ul	98
85) Chrysene	21.74	228	35209	3.43	ng/ul	98
88) Benzo(b)fluoranthene	23.92	252	36584	3.51	ng/ul#	98
89) Benzo(k)fluoranthene	23.92	252	36584	3.55	ng/ul#	99
91) Benzo(a)pyrene	24.79	252	26828	2.67	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.66	276	16301	1.38	ng/ul#	92
94) Benzo(g,h,i)perylene	29.83	276	15340	1.57	ng/ul	97

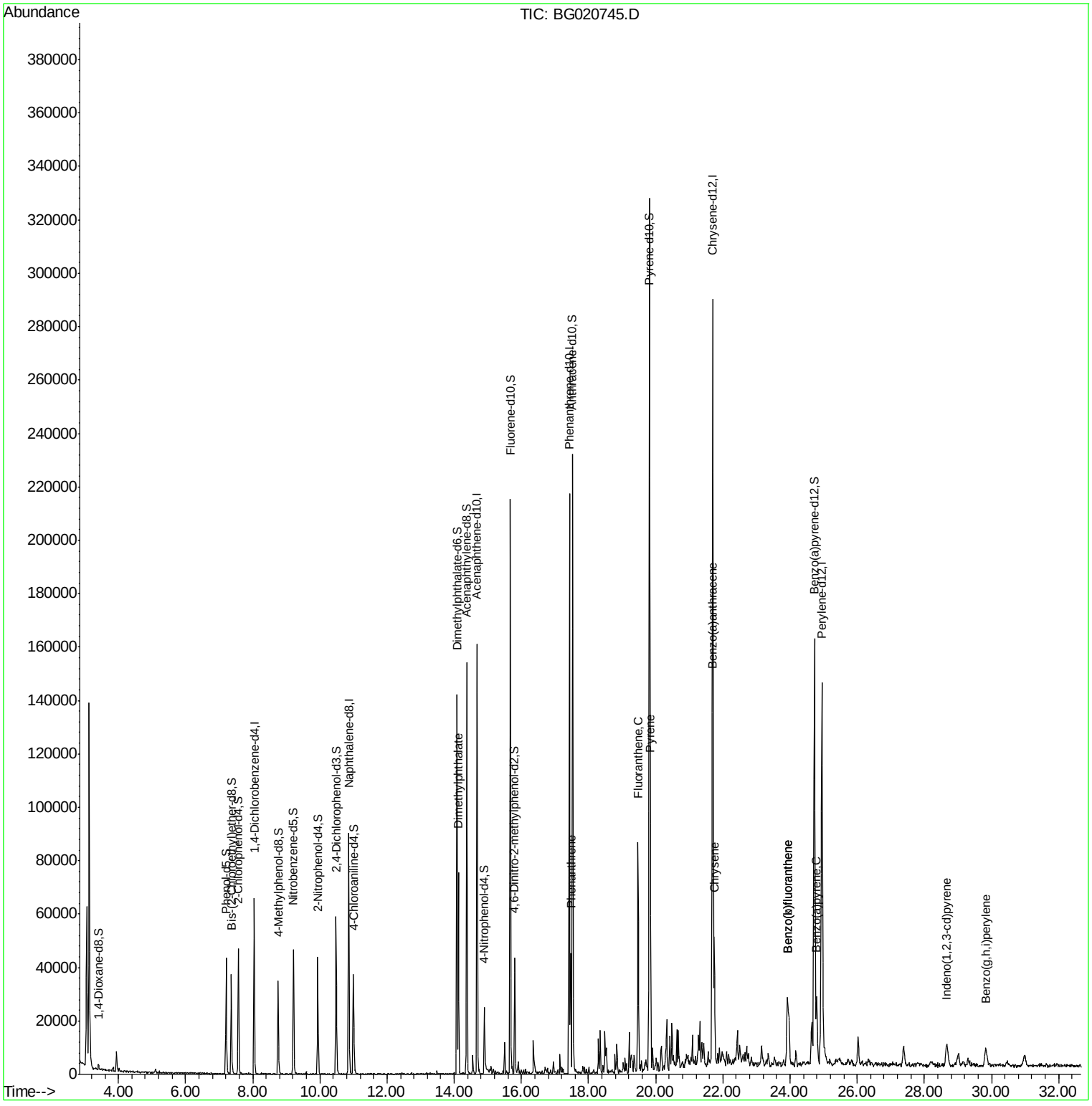
(#) = qualifier out of range (m) = manual integration (+) = signals summed

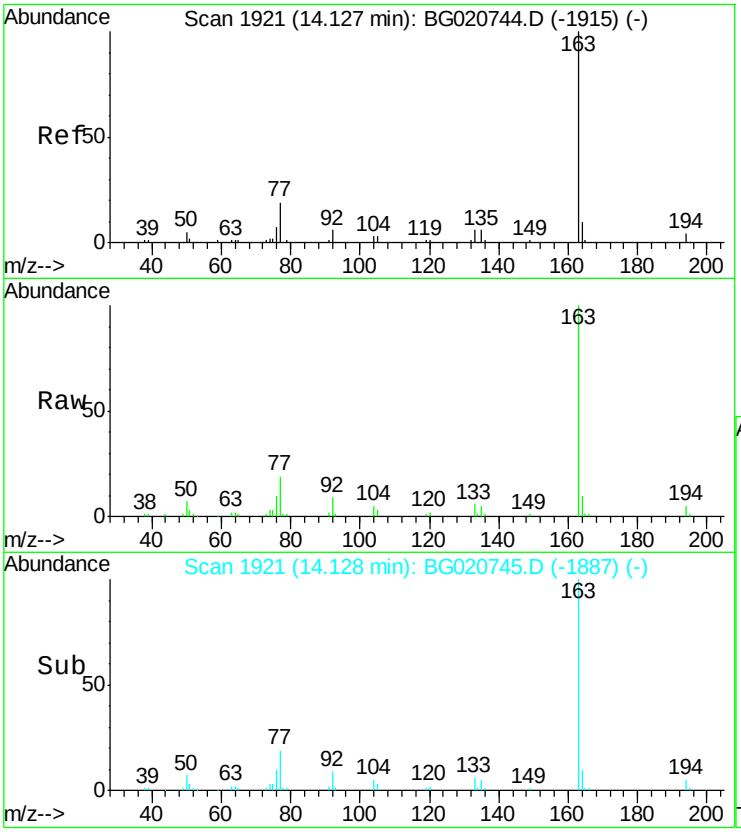
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020745.D
Acq On : 15 Jan 2016 10:09
Operator : SJ/IZ
Sample : H1101-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC9A9

Quant Time: Jan 15 22:15:53 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 22:12:27 2016
Response via : Initial Calibration



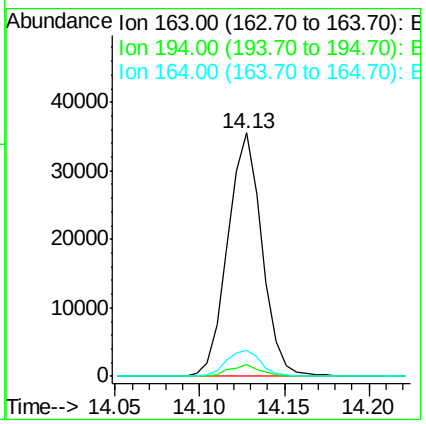


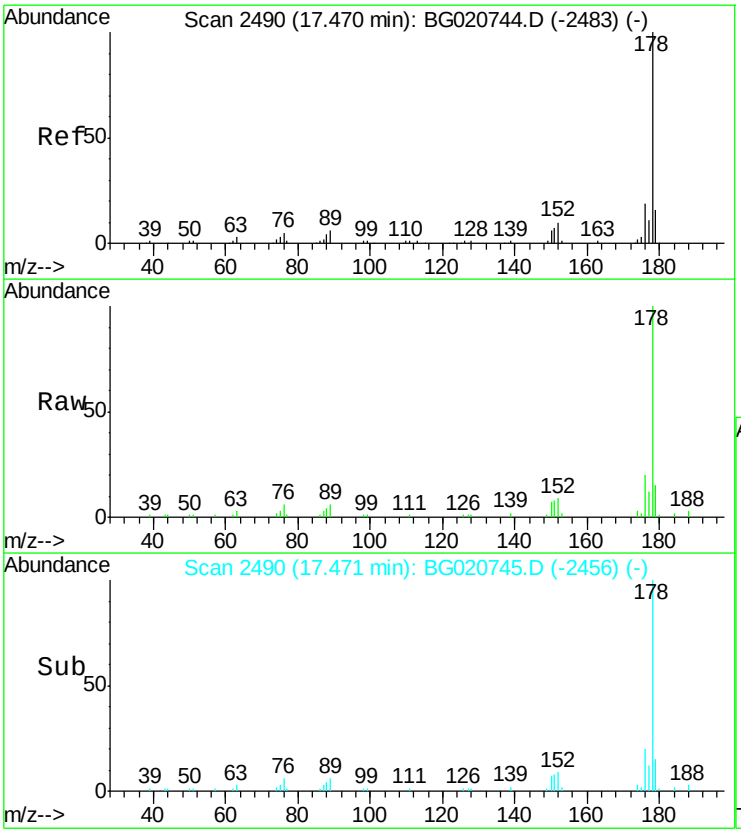
#45
Dimethylphthalate
Concen: 9.36 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:163 Resp: 50066

Ion	Ratio	Lower	Upper
163	100		
194	4.7	4.0	6.0
164	10.5	8.4	12.6

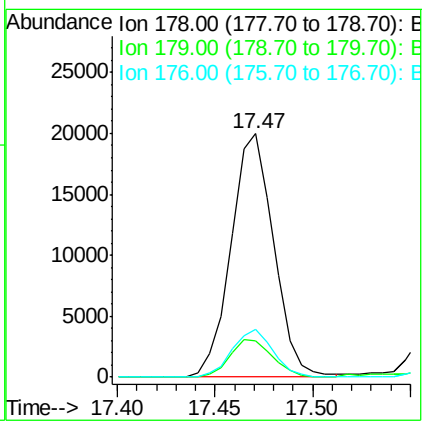


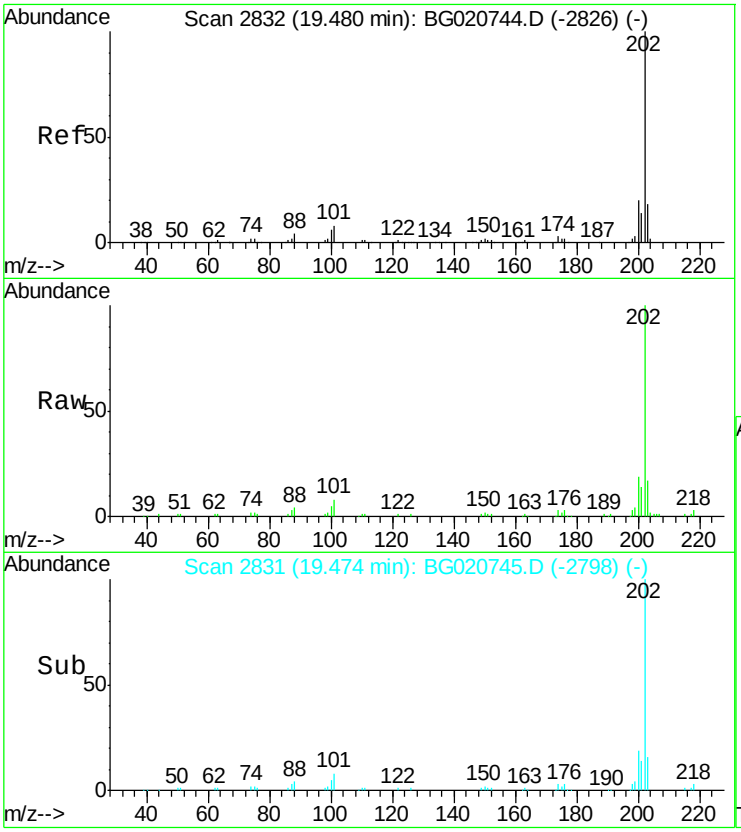


#70
Phenanthrene
Concen: 3.47 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Tgt Ion:178 Resp: 30174

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	19.7	15.4	23.0



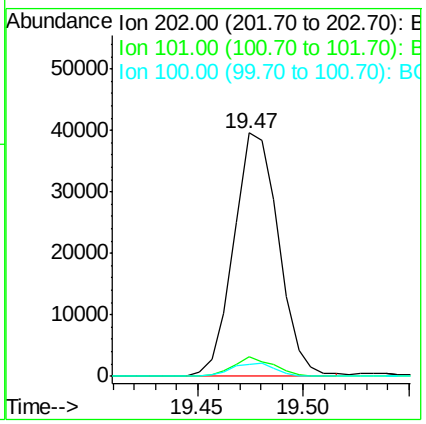


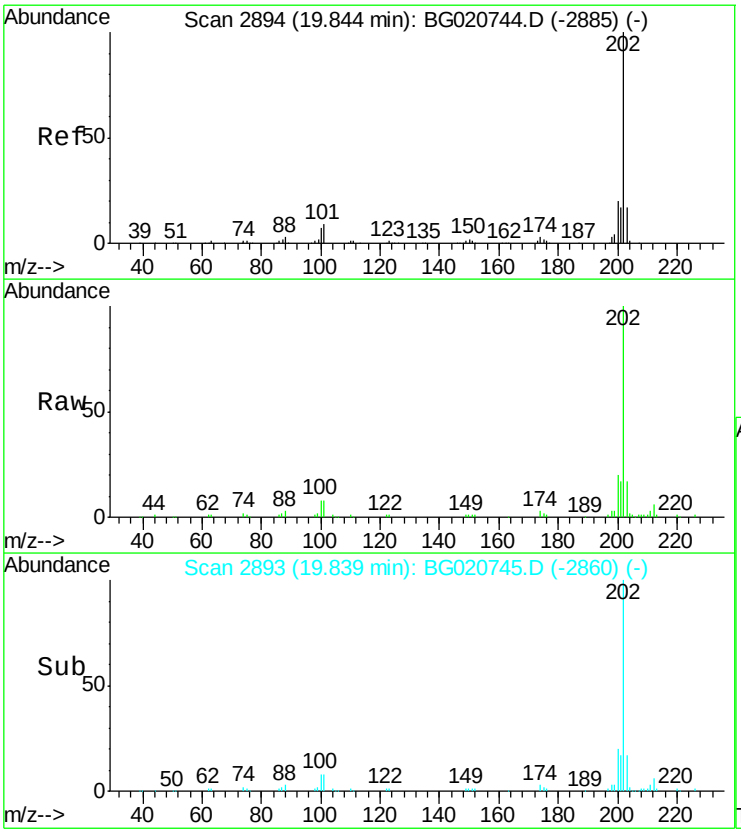
#77
Fluoranthene
Concen: 5.51 ng/ul
RT: 19.47 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:202 Resp: 58250

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.1	9.1
100	5.1	4.6	7.0

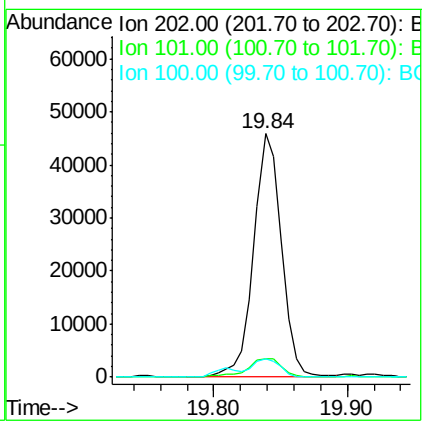


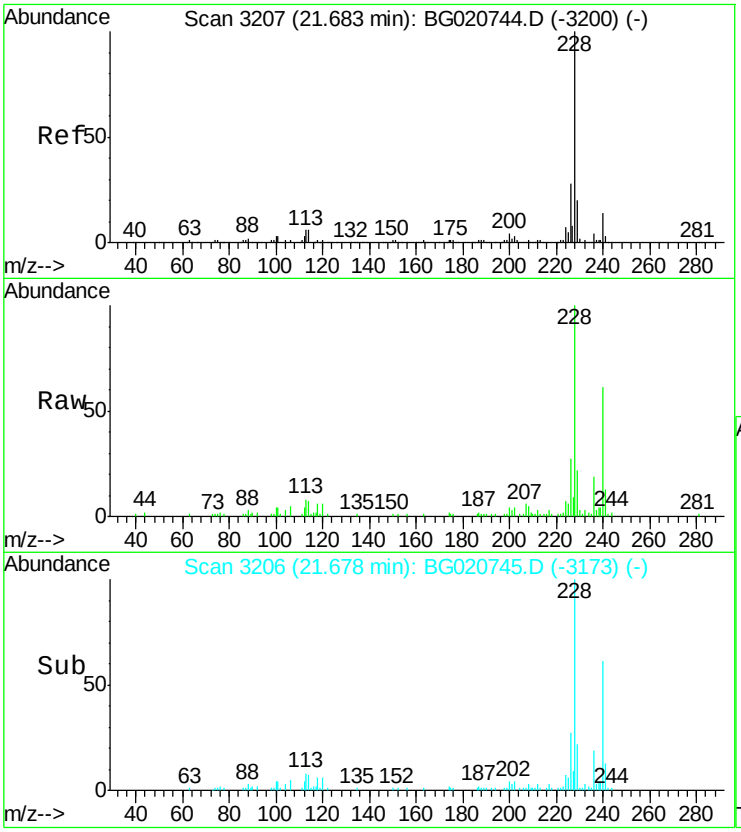


#80
Pyrene
Concen: 5.97 ng/ul
RT: 19.84 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Tgt Ion:202 Resp: 65901

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.9	10.3
100	7.5	5.6	8.4



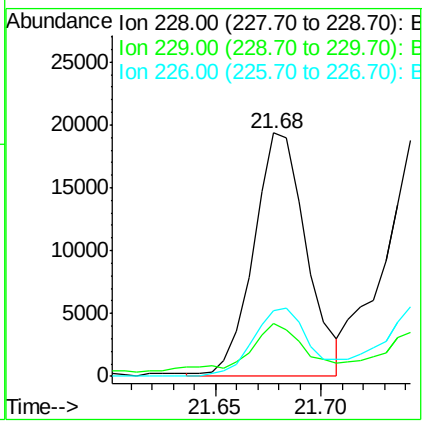


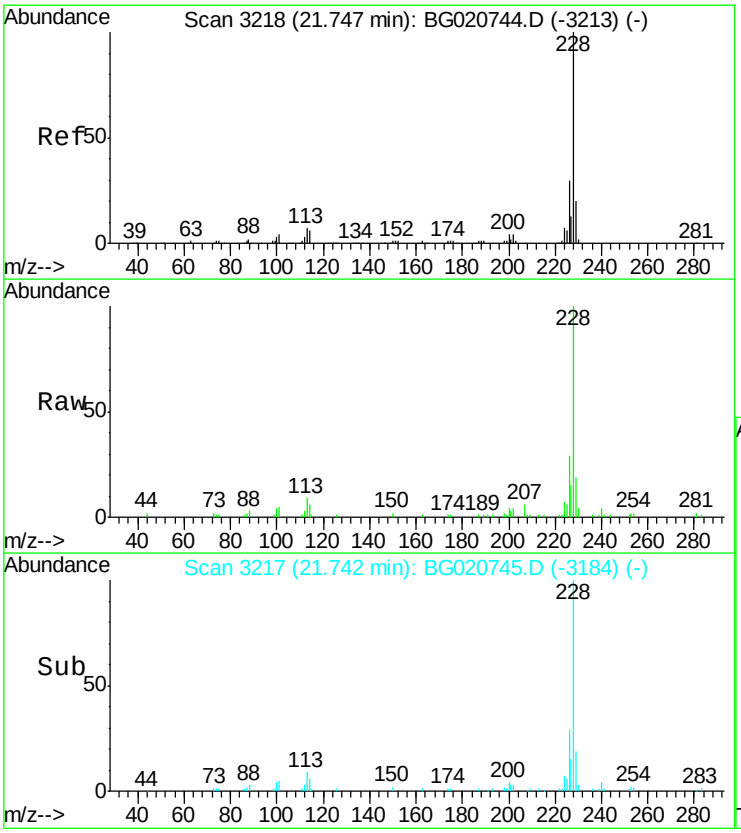
#83
Benzo(a)anthracene
Concen: 3.10 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:228 Resp: 33673

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	27.2	21.8	32.8

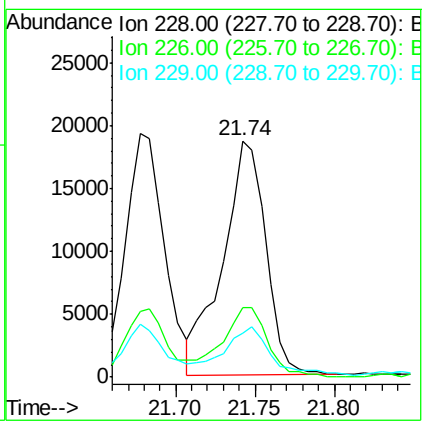


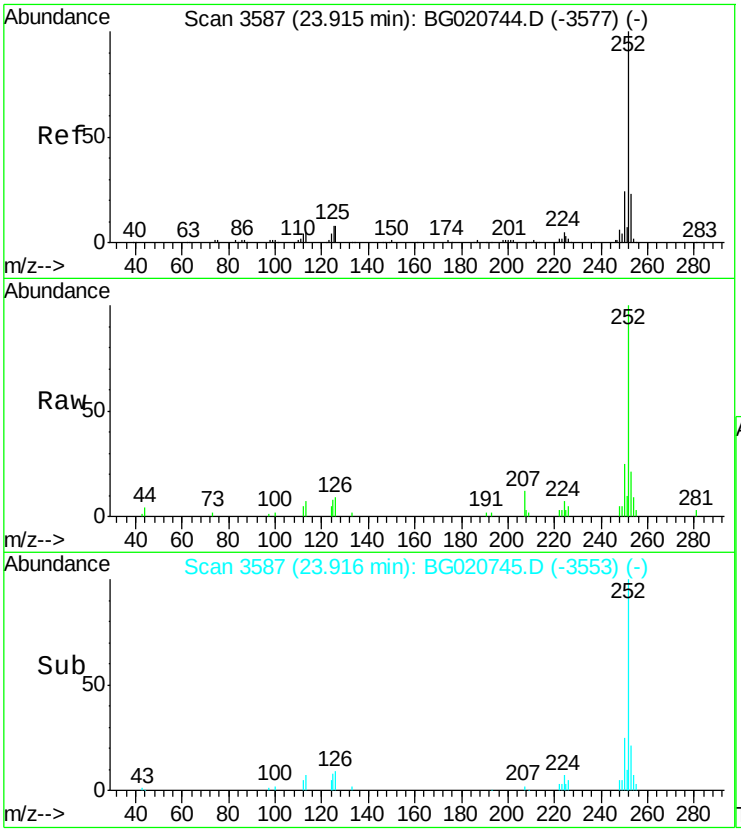


#85
Chrysene
Concen: 3.43 ng/ul
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Tgt Ion:228 Resp: 35209

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	18.8	16.0	24.0



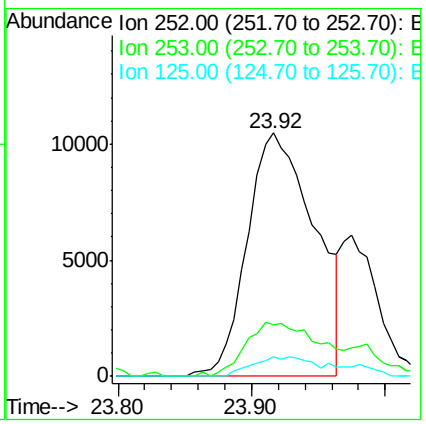


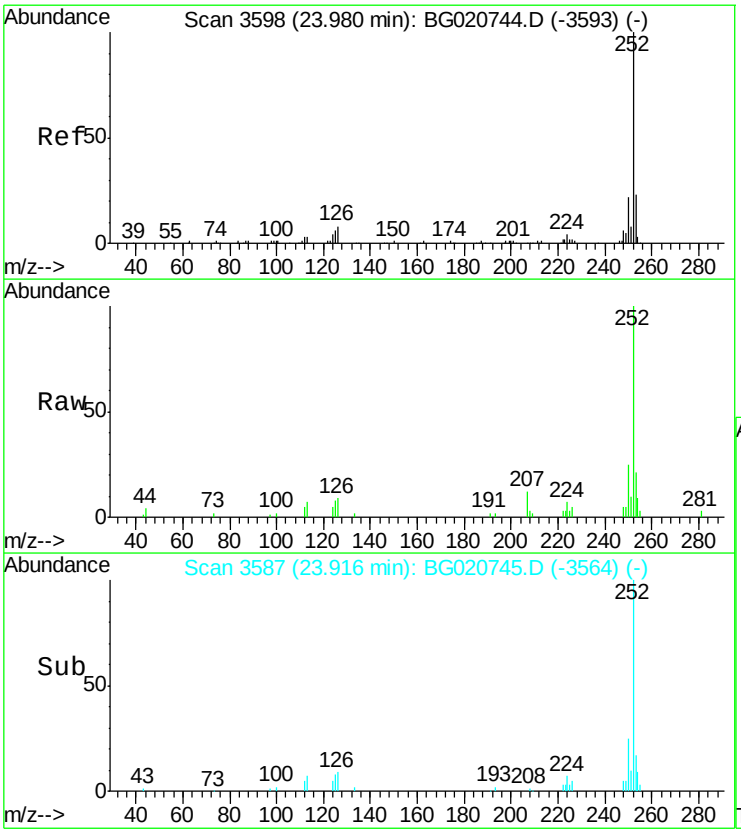
#88
Benzo(b)fluoranthene
Concen: 3.51 ng/ul
RT: 23.92 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:252 Resp: 36584

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	8.1	4.9	7.3#

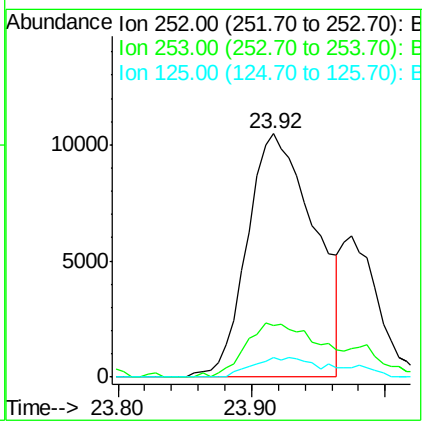


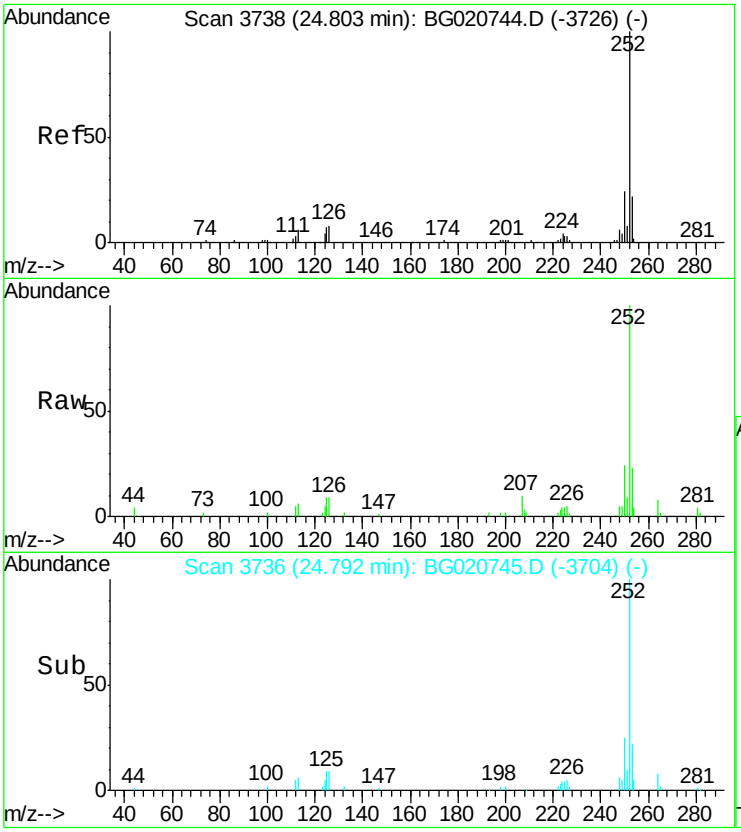


#89
Benzo(k)fluoranthene
Concen: 3.55 ng/ul
RT: 23.92 min Scan# 3587
Delta R.T. -0.06 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Tgt Ion:252 Resp: 36584

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	8.1	5.4	8.0#



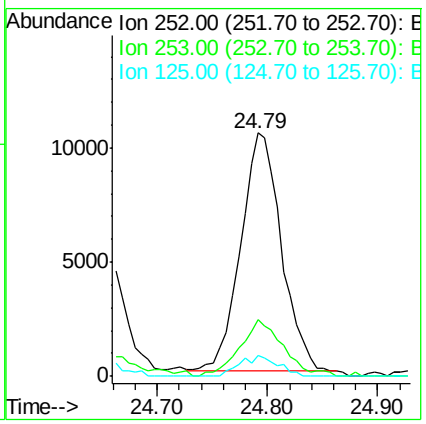


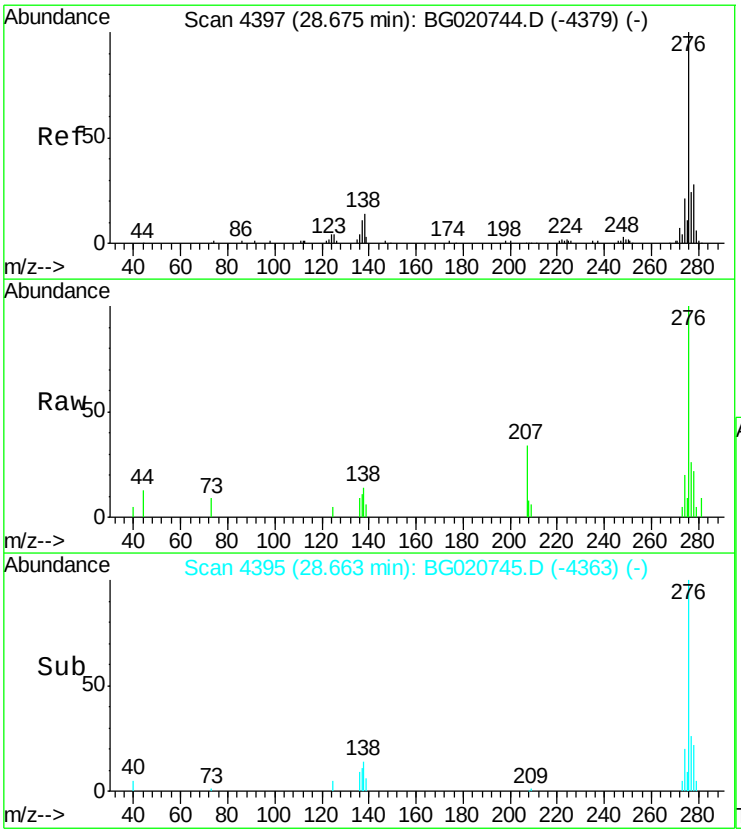
#91
Benzo(a)pyrene
Concen: 2.67 ng/ul
RT: 24.79 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:252 Resp: 26828

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.7	5.8	8.6#

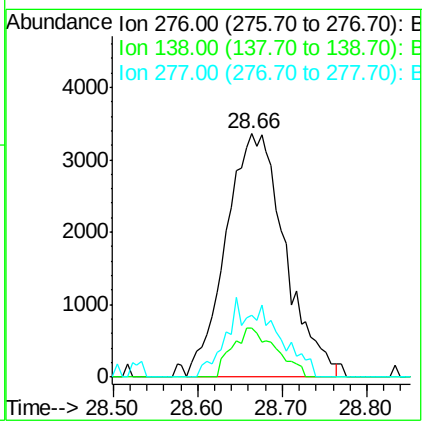


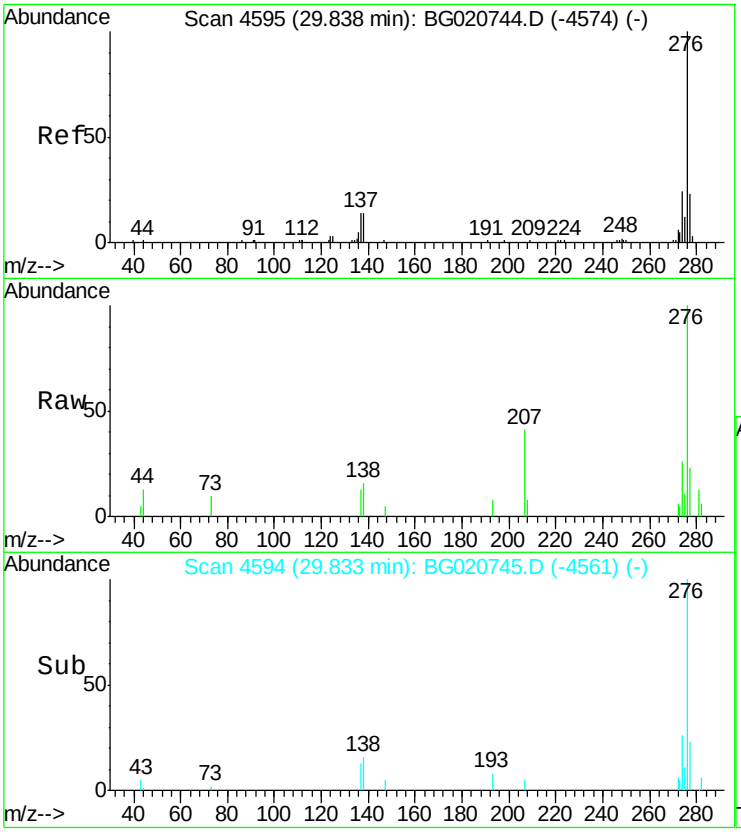


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.38 ng/ul
RT: 28.66 min Scan# 4395
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Tgt Ion:276 Resp: 16301

Ion	Ratio	Lower	Upper
276	100		
138	20.1	10.9	16.3#
277	25.6	18.9	28.3





#94
Benzo(g,h,i)perylene
Concen: 1.57 ng/ul
RT: 29.83 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BG020745.D
Acq: 15 Jan 2016 10:09

Instrument :
BNA_G
ClientSampleId :
BC9A9

Tgt Ion:276 Resp: 15340

Ion	Ratio	Lower	Upper
276	100		
138	15.7	11.2	16.8
277	22.9	19.0	28.6