Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021509.D
Acq On : 25 Mar 2016 11:00
Operator : UM/SJ
Sample : H1909-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T41

Quant Time: Mar 25 23:30:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	13322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	66160	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	42804	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	101472	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	114567	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	110579	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	661	2.23	ng/uL	0.00
5) Phenol-d5	7.34	99	20777	16.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	13238	17.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	16654	17.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	16541	15.33	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	8872	17.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	9949	17.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	17768	17.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	20629	15.56	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	64015	17.96	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	81273	18.50	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	6626	11.63	ng/ul	0.02
58) Fluorene-d10	15.66	176	58331	18.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	9424	14.06	ng/ul	0.00
71) Anthracene-d10	17.51	188	92206	18.54	ng/ul	0.00
79) Pyrene-d10	19.79	212	105267	19.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	110224	21.60	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	14.12	163	16669	4.50	ng/ul	99
70) Phenanthrene	17.46	178	27998	4.87	ng/ul	96
72) Anthracene	17.46	178	27998	4.79	ng/ul	99
77) Fluoranthene	19.46	202	83541	12.05	ng/ul#	95
80) Pyrene	19.82	202	69373	10.16	ng/ul	95
83) Benzo(a)anthracene	21.65	228	40771	5.90	ng/ul	100
85) Chrysene	21.72	228	43232	6.60	ng/ul	92
88) Benzo(b)fluoranthene	23.87	252	55856	7.86	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	55856	8.01	ng/ul	99
91) Benzo(a)pyrene	24.73	252	39369	5.71	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.54	276	25643	3.27	ng/ul	96
94) Benzo(g,h,i)perylene	29.69	276	20815	3.23	ng/ul	99

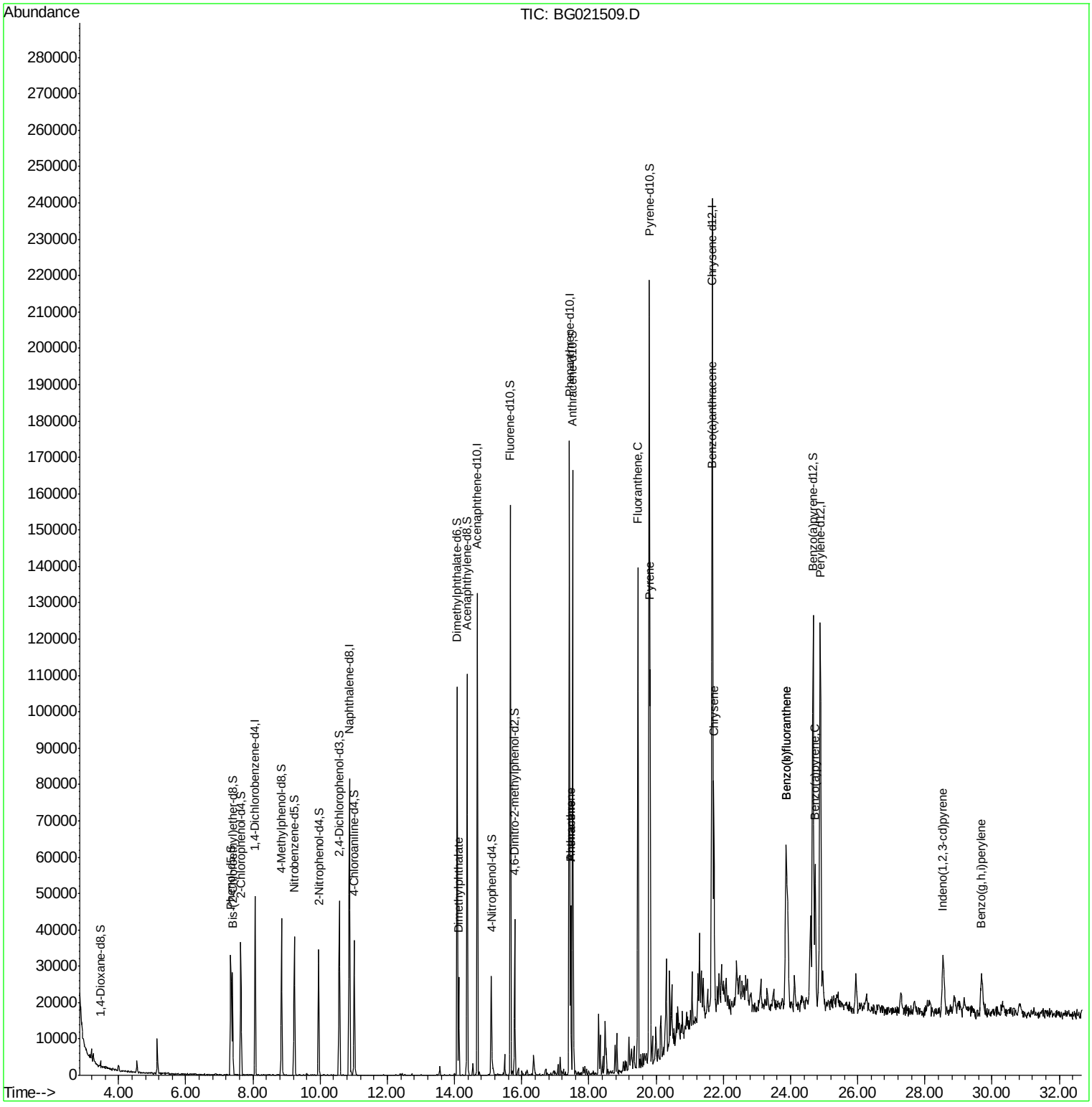
(#) = qualifier out of range (m) = manual integration (+) = signals summed

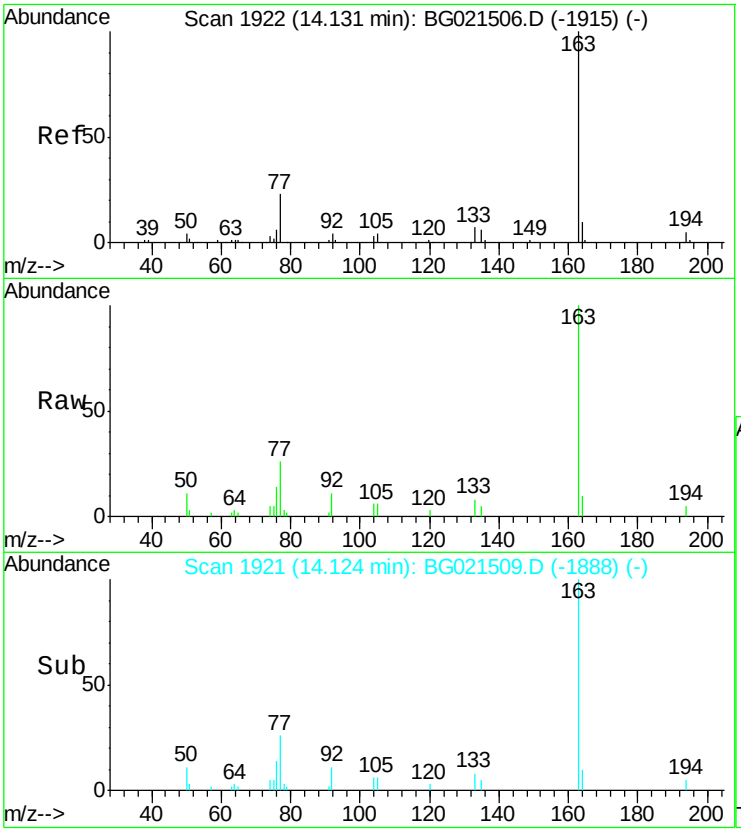
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021509.D
Acq On : 25 Mar 2016 11:00
Operator : UM/SJ
Sample : H1909-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T41

Quant Time: Mar 25 23:30:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration



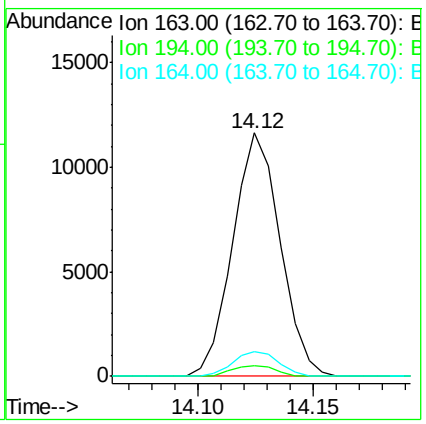


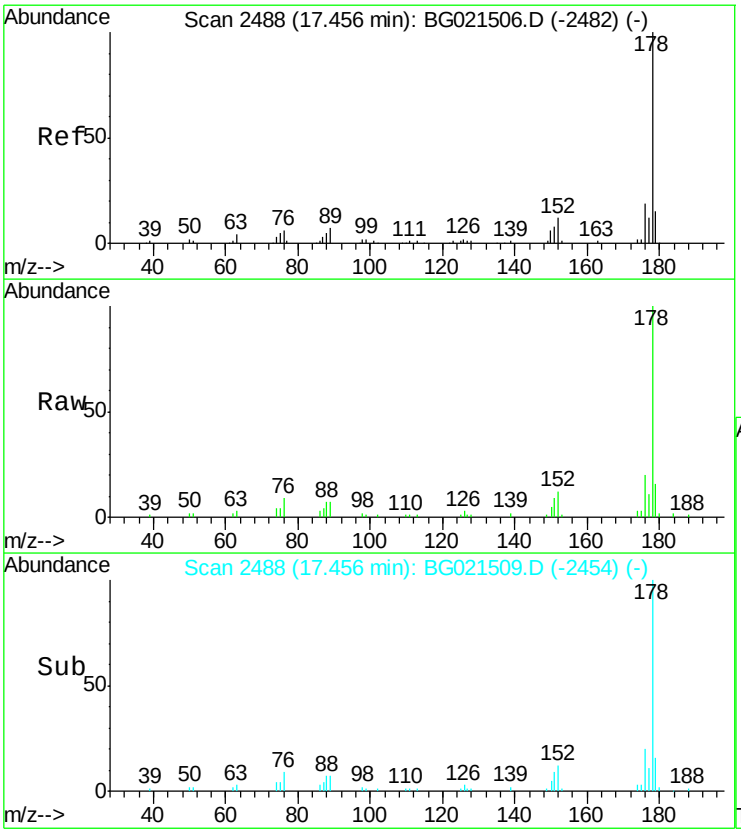
#45
Dimethylphthalate
Concen: 4.50 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:163 Resp: 16669

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.9	5.9
164	10.4	8.7	13.1

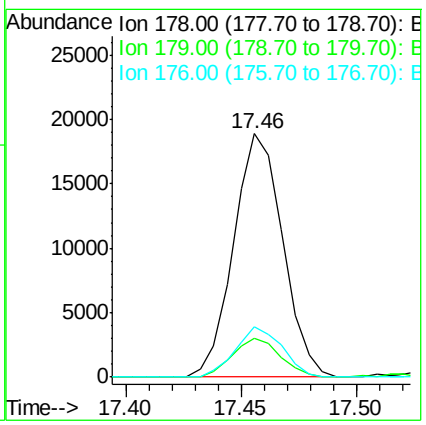


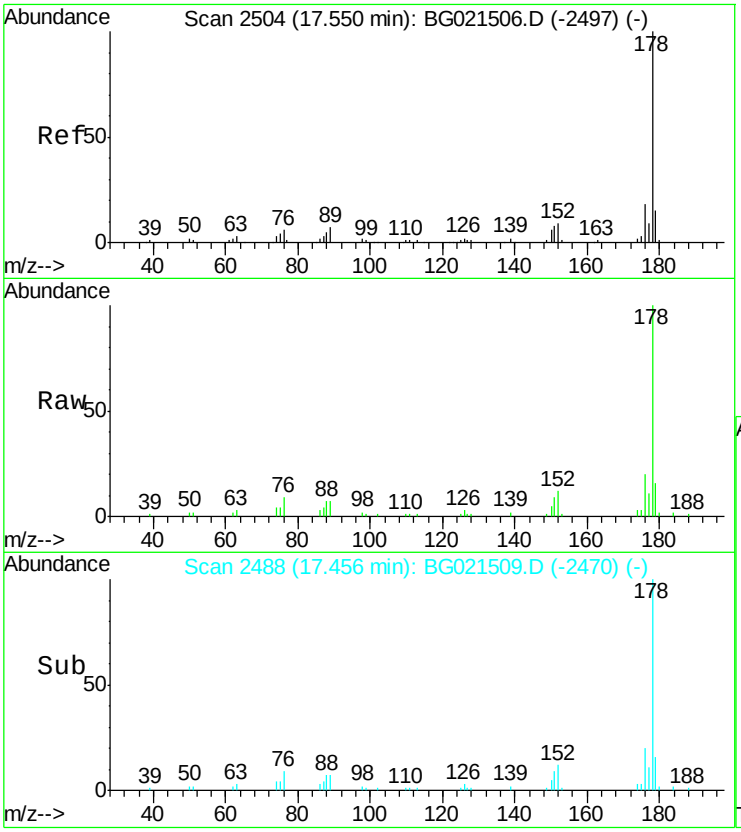


#70
Phenanthrene
Concen: 4.87 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:178 Resp: 27998

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	20.4	14.8	22.2



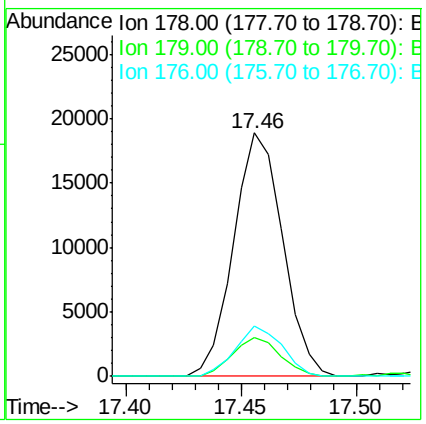


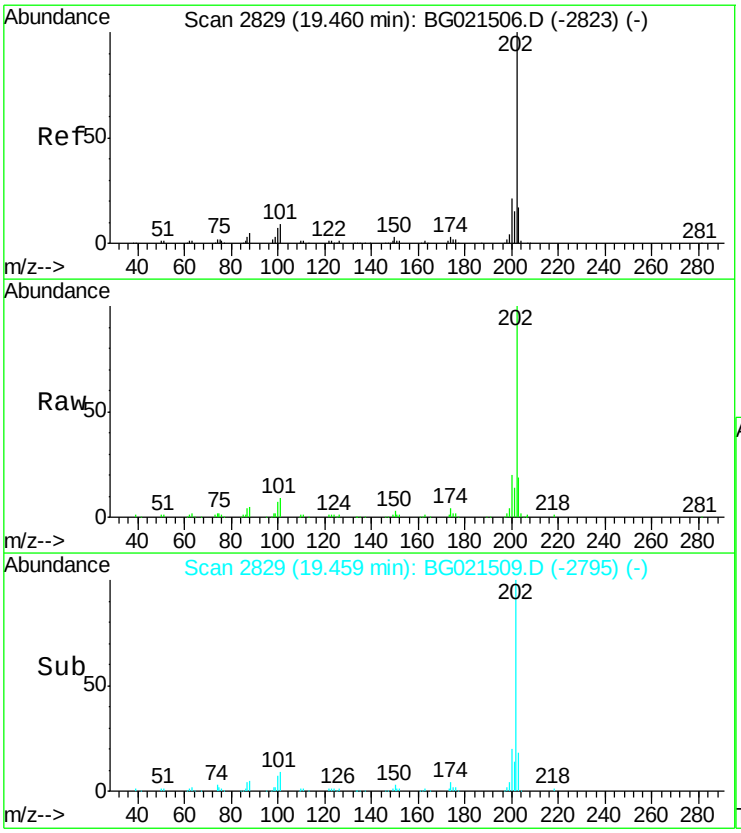
#72
Anthracene
Concen: 4.79 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.09 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:178 Resp: 27998

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.4	15.6	23.4

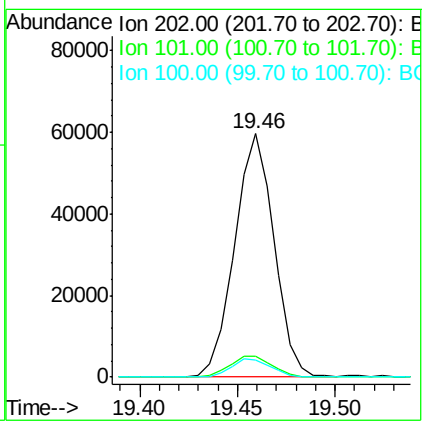


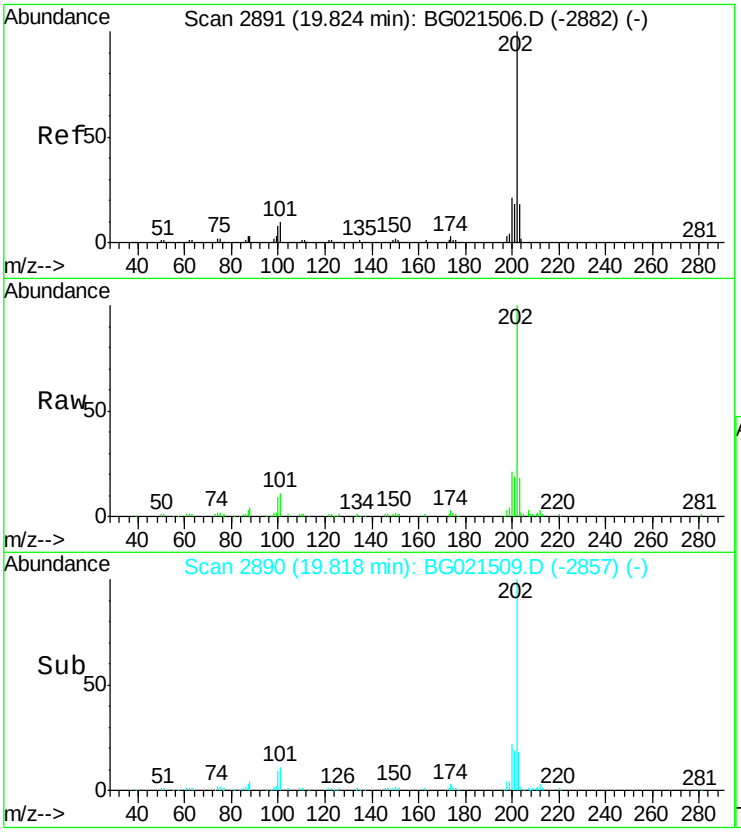


#77
Fluoranthene
Concen: 12.05 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:202 Resp: 83541

Ion	Ratio	Lower	Upper
202	100		
101	8.8	8.9	13.3#
100	7.0	7.0	10.4



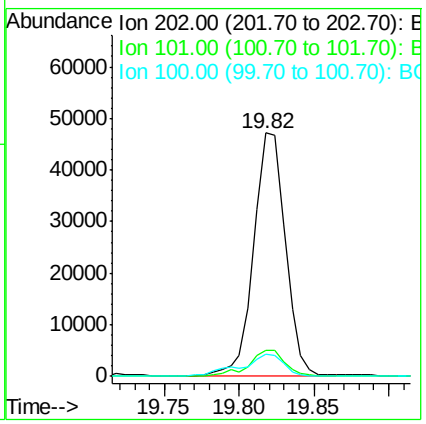


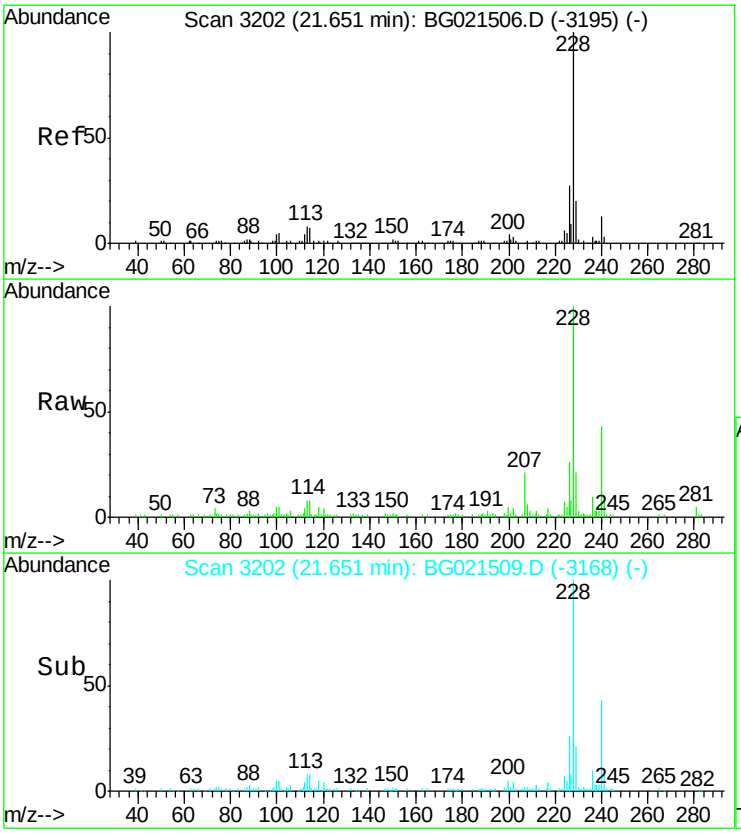
#80
Pyrene
Concen: 10.16 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:202 Resp: 69373

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
100	9.3	9.3	13.9

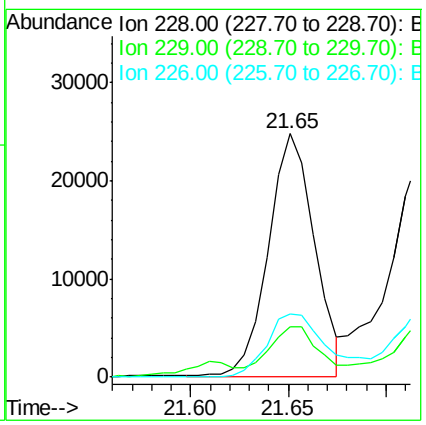


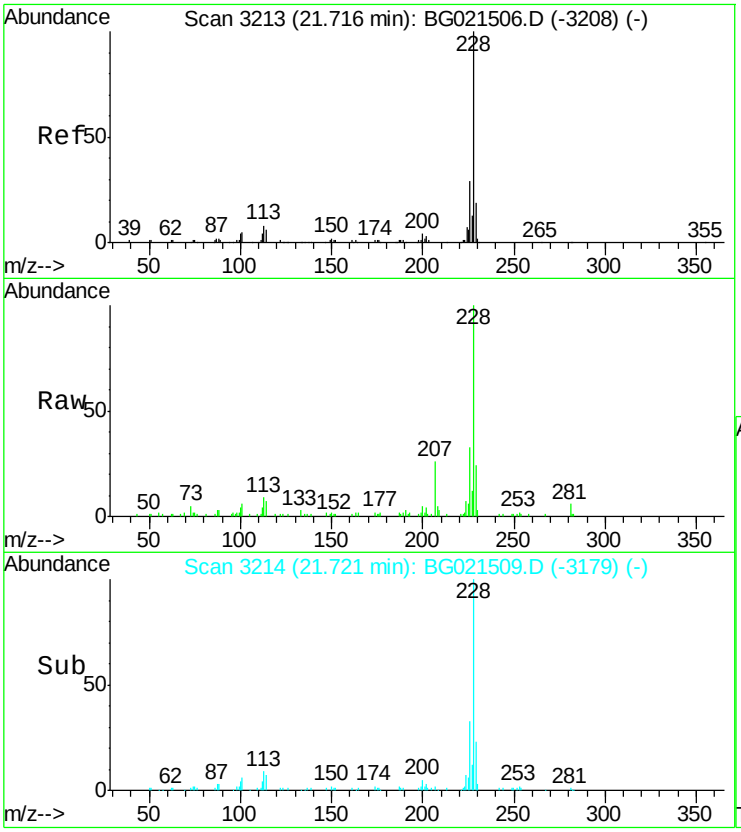


#83
Benzo(a)anthracene
Concen: 5.90 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:228 Resp: 40771

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	25.9	21.0	31.4



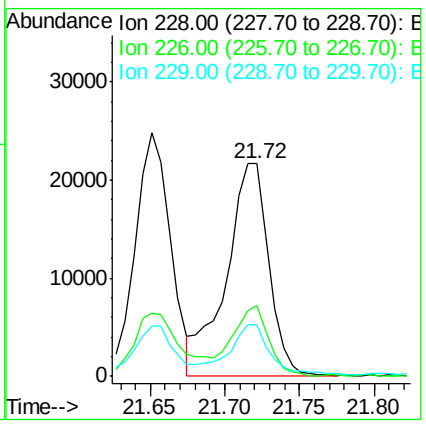


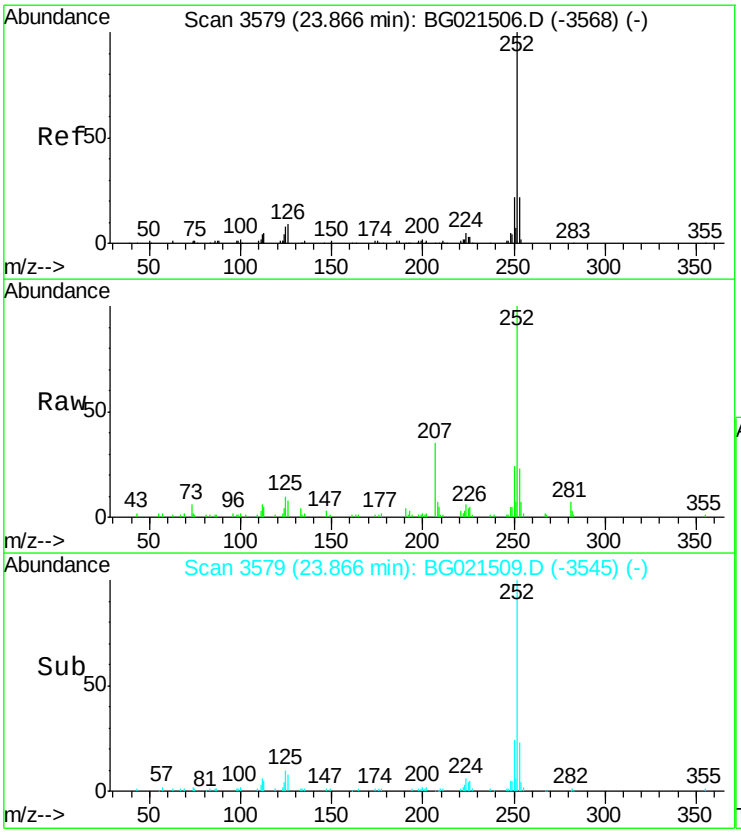
#85
Chrysene
Concen: 6.60 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:228 Resp: 43232

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.4	35.2
229	24.1	16.2	24.2

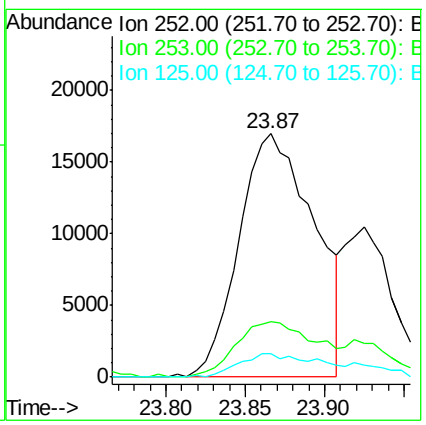


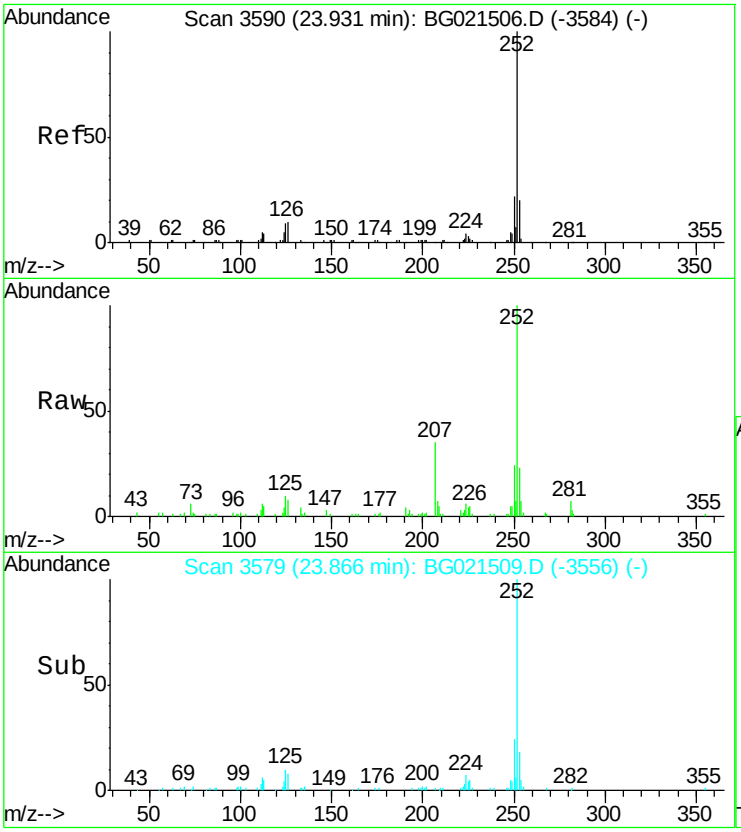


#88
Benzo(b)fluoranthene
Concen: 7.86 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:252 Resp: 55856

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	9.7	7.6	11.4



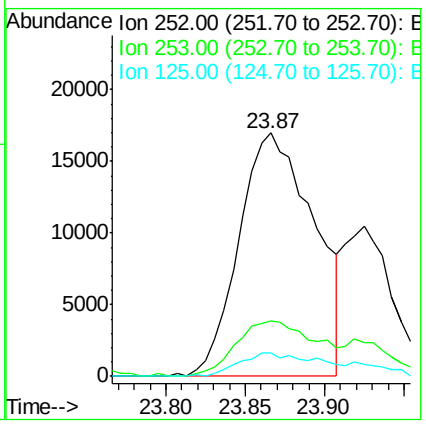


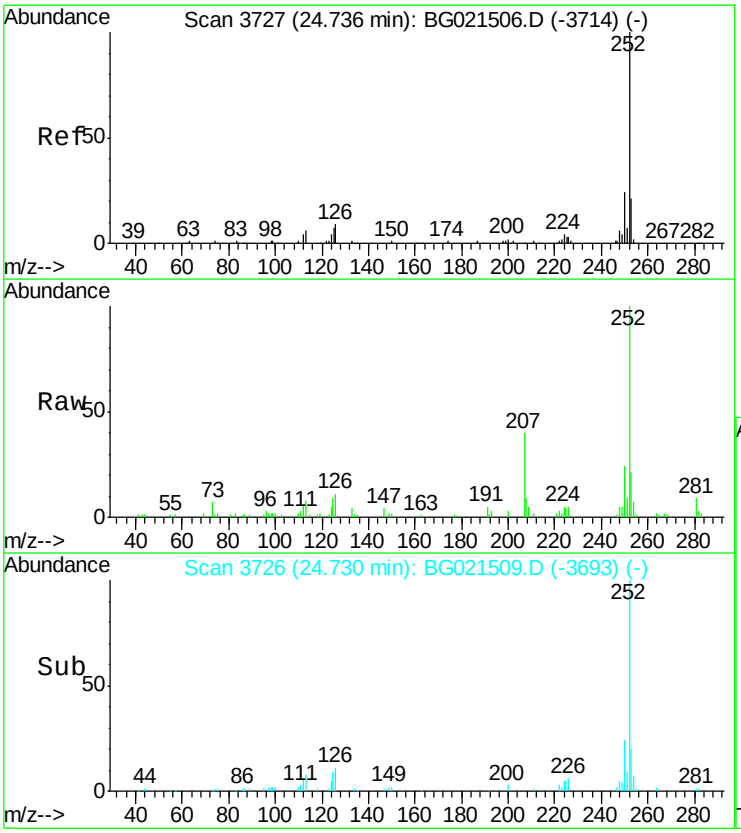
#89
Benzo(k)fluoranthene
Concen: 8.01 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.07 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:252 Resp: 55856

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	9.7	7.7	11.5

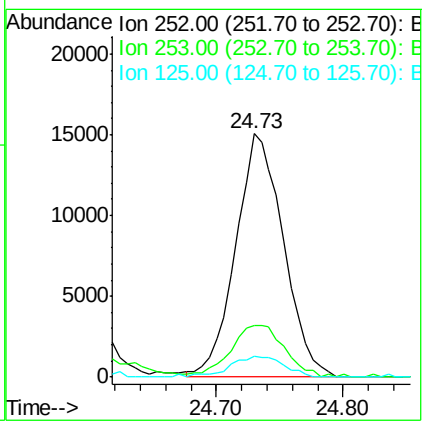


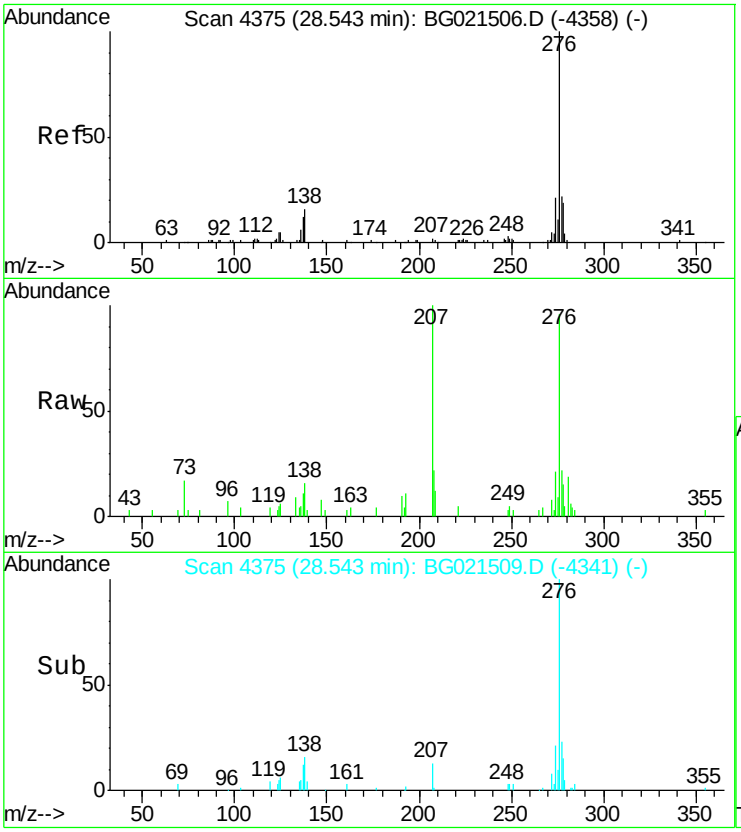


#91
Benzo(a)pyrene
Concen: 5.71 ng/ul
RT: 24.73 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:252 Resp: 39369

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	8.8	8.2	12.2



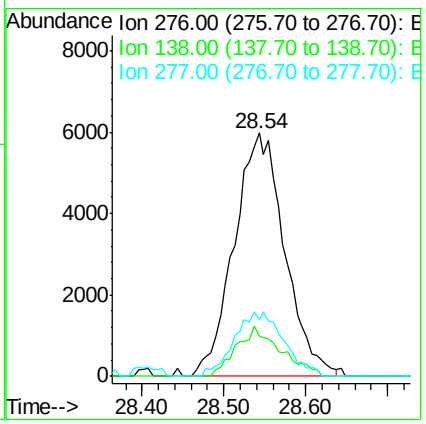


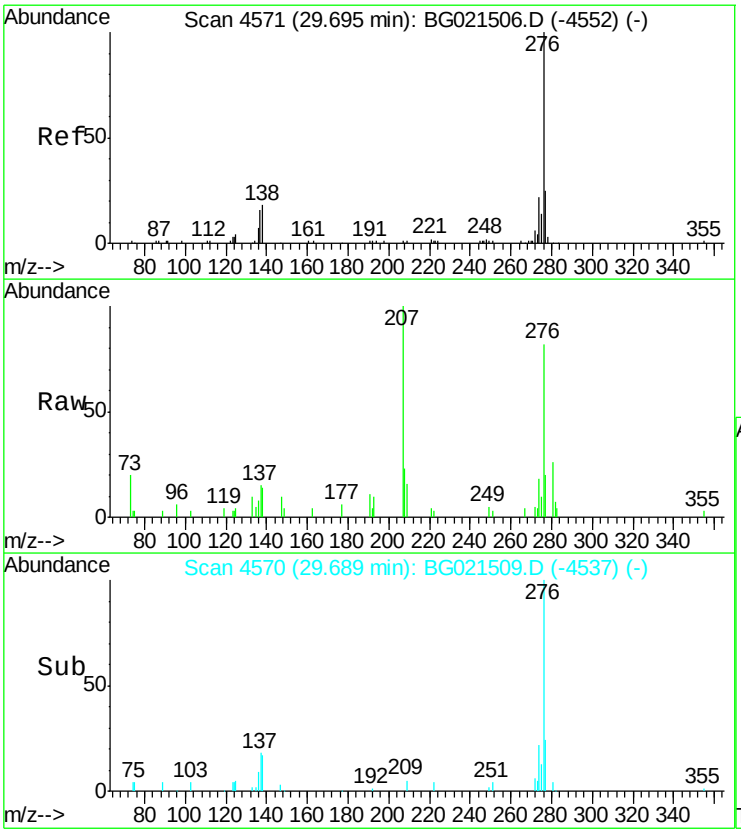
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.27 ng/ul
RT: 28.54 min Scan# 4375
Delta R.T. -0.00 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Instrument :
BNA_G
ClientSampleId :
A4T41

Tgt Ion:276 Resp: 25643

Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.8	23.6
277	23.1	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 3.23 ng/ul
RT: 29.69 min Scan# 4570
Delta R.T. -0.01 min
Lab File: BG021509.D
Acq: 25 Mar 2016 11:00

Tgt Ion:276 Resp: 20815

Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.9	20.9
277	24.2	19.8	29.6