Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021508.D
Acq On : 25 Mar 2016 10:21
Operator : UM/SJ
Sample : H1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4T40

Quant Time: Mar 25 23:29:54 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	8.07	152	9982	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	49151	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	32409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	75692	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	85077	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	82874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	587	2.64	ng/uL	0.00
5) Phenol-d5	7.34	99	17023	18.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	11172	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	13503	18.84	ng/ul	0.01
13) 4-Methylphenol-d8	8.85	113	13570	16.79	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	7057	19.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	7810	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	14380	19.08	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	16379	16.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	54386	20.15	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	67931	20.42	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	5071	11.76	ng/ul	0.02
58) Fluorene-d10	15.66	176	48528	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	7420	14.84	ng/ul	0.00
71) Anthracene-d10	17.51	188	75983	20.48	ng/ul	0.00
79) Pyrene-d10	19.79	212	84640	21.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	88262	23.08	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.12	163	11931	4.25	ng/ul	96
70) Phenanthrene	17.46	178	23151	5.40	ng/ul	99
72) Anthracene	17.46	178	23151	5.31	ng/ul	97
77) Fluoranthene	19.46	202	49320	9.53	ng/ul#	94
80) Pyrene	19.82	202	41833	8.25	ng/ul	94
83) Benzo(a)anthracene	21.65	228	23775	4.63	ng/ul	95
85) Chrysene	21.72	228	25669	5.28	ng/ul	94
88) Benzo(b)fluoranthene	23.87	252	38927	7.31	ng/ul	98
89) Benzo(k)fluoranthene	23.87	252	38927	7.44	ng/ul	98
91) Benzo(a)pyrene	24.73	252	24664	4.77	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.54	276	17298	2.95	ng/ul#	93
94) Benzo(g,h,i)perylene	29.67	276	7445	1.54	ng/ul#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032516\
Data File : BG021508.D
Acq On : 25 Mar 2016 10:21
Operator : UM/SJ
Sample : H1909-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
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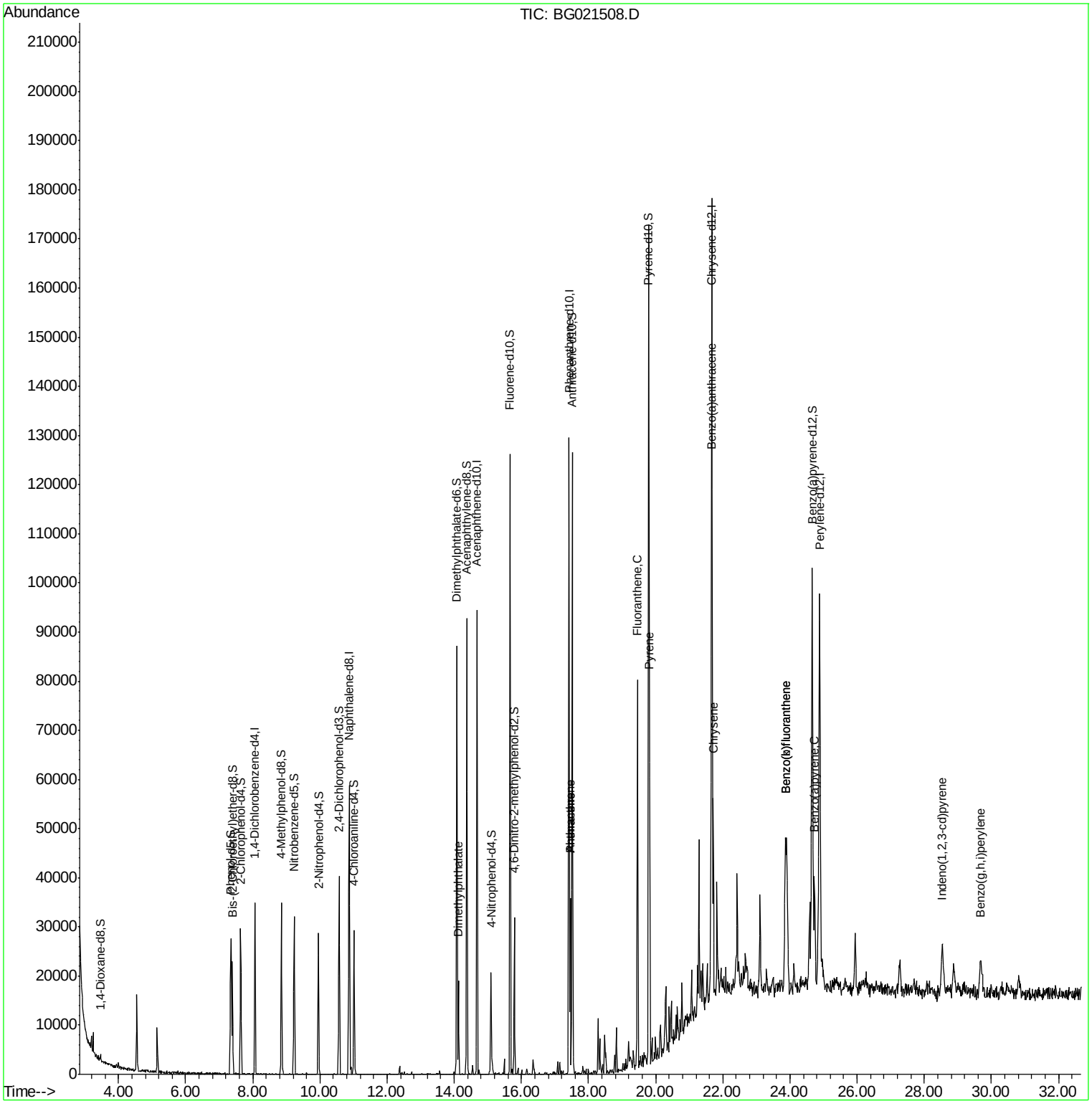
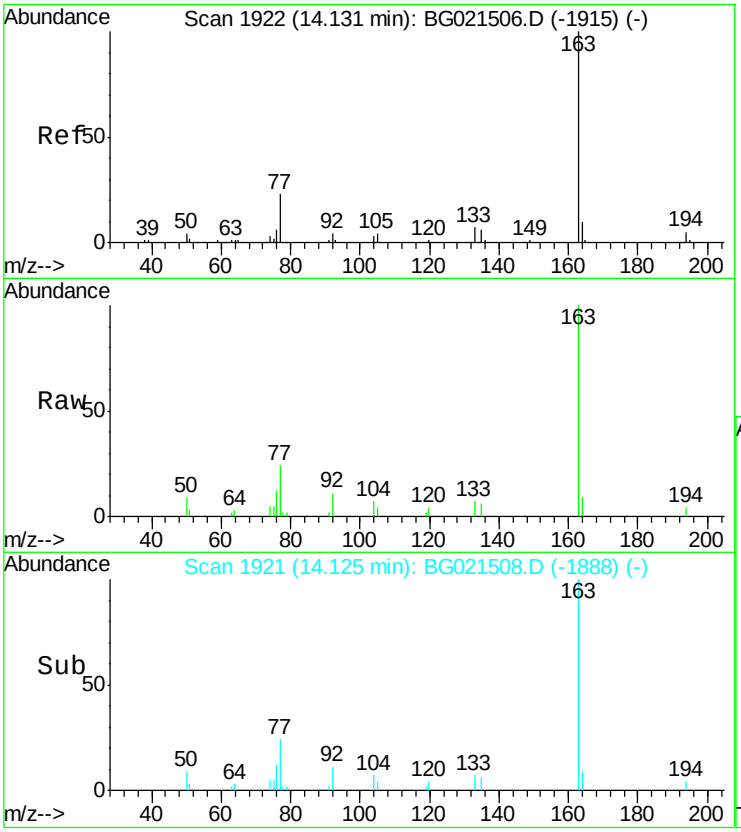
Quant Time: Mar 25 23:29:54 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 25 23:28:37 2016
Response via : Initial Calibration



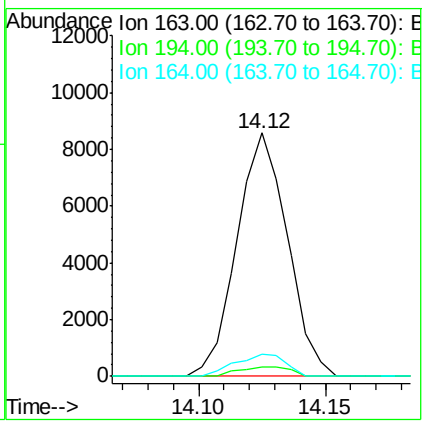


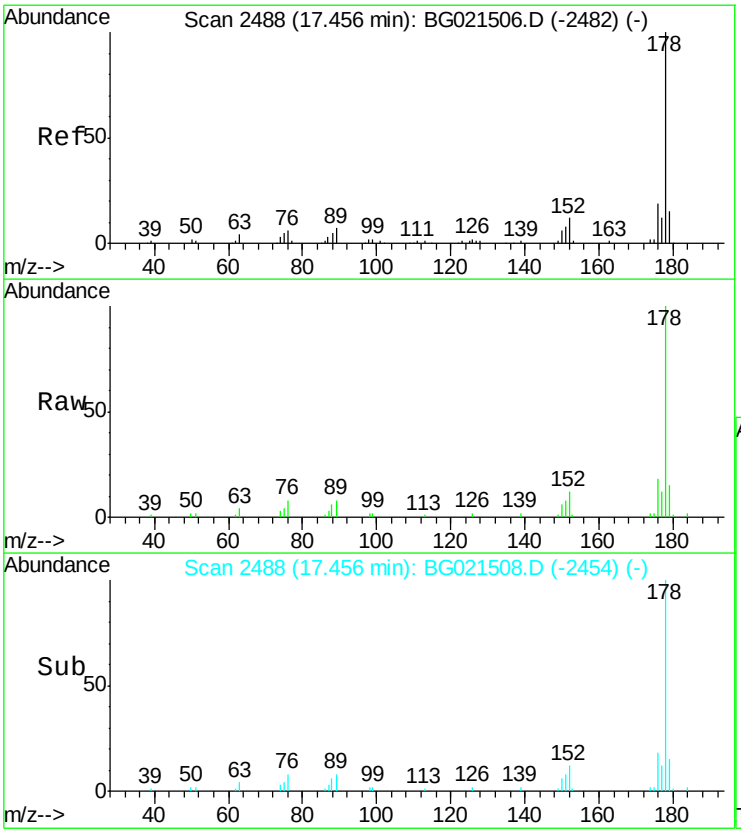
#45
Dimethylphthalate
Concen: 4.25 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:163 Resp: 11931

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.9	5.9
164	9.3	8.7	13.1

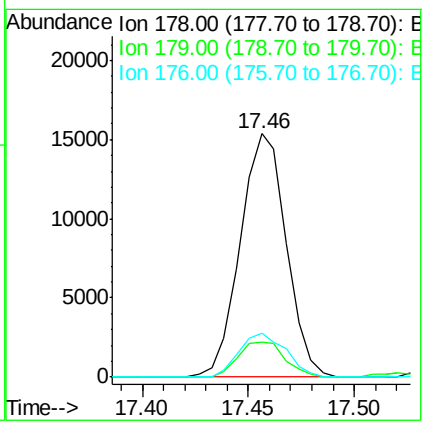


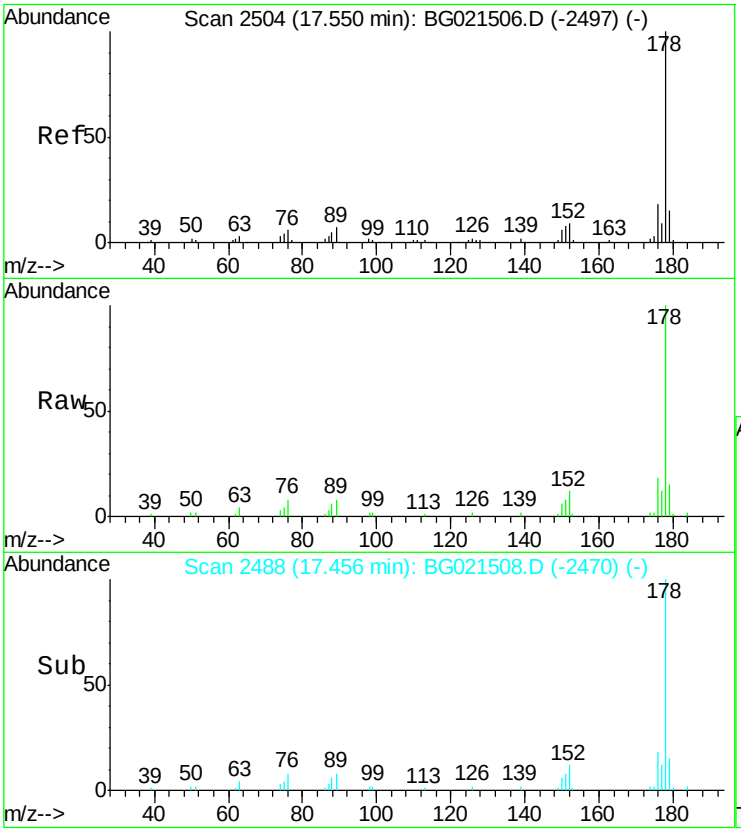


#70
Phenanthrene
Concen: 5.40 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.00 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:178 Resp: 23151

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.8	17.8
176	18.1	14.8	22.2



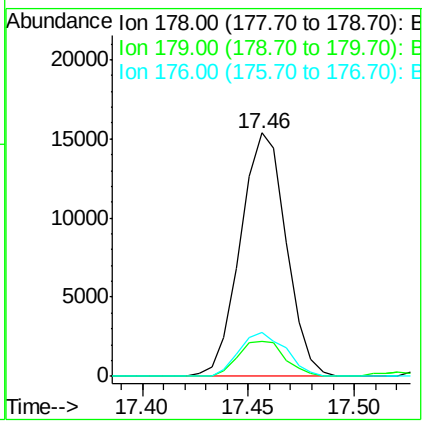


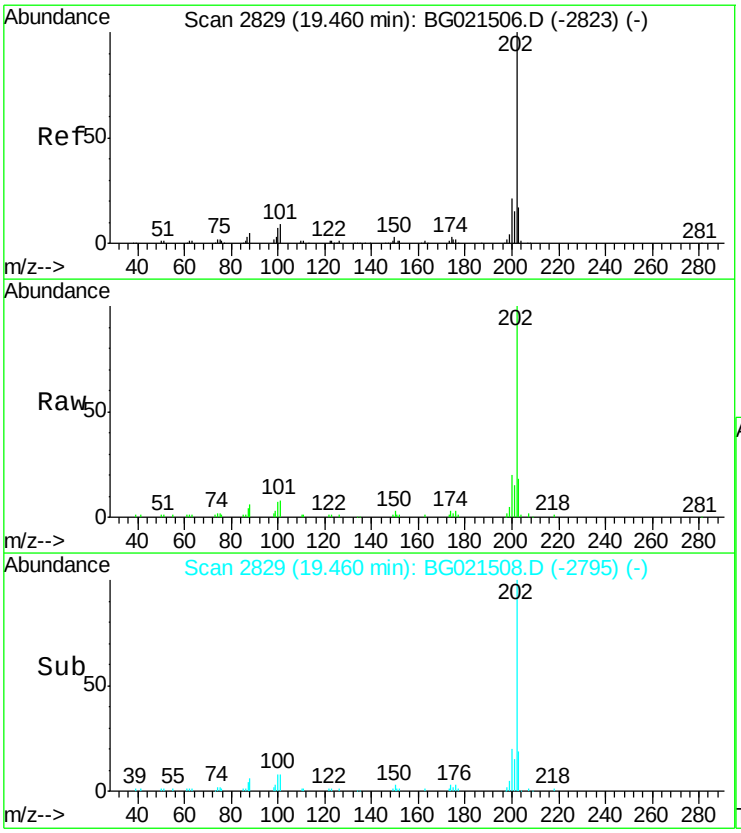
#72
Anthracene
Concen: 5.31 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. -0.09 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:178 Resp: 23151

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.9	19.3
176	18.1	15.6	23.4

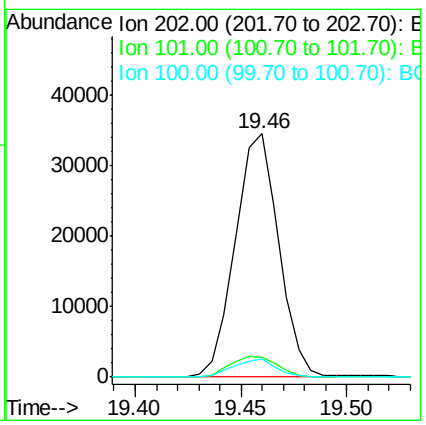


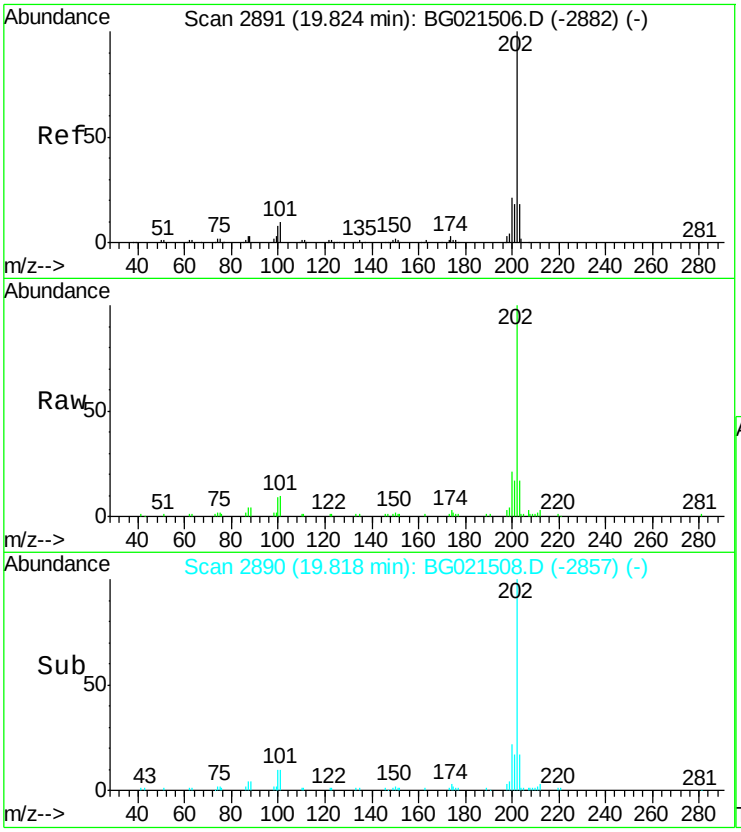


#77
Fluoranthene
Concen: 9.53 ng/ul
RT: 19.46 min Scan# 2829
Delta R.T. -0.00 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:202 Resp: 49320

Ion	Ratio	Lower	Upper
202	100		
101	8.2	8.9	13.3#
100	7.5	7.0	10.4



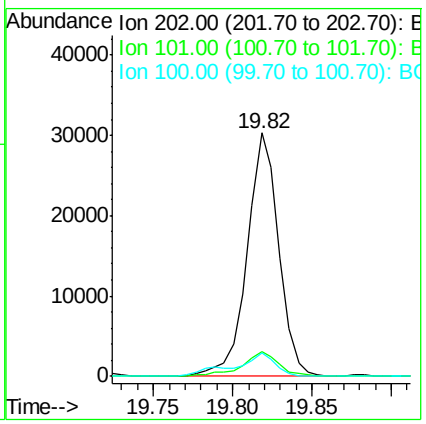


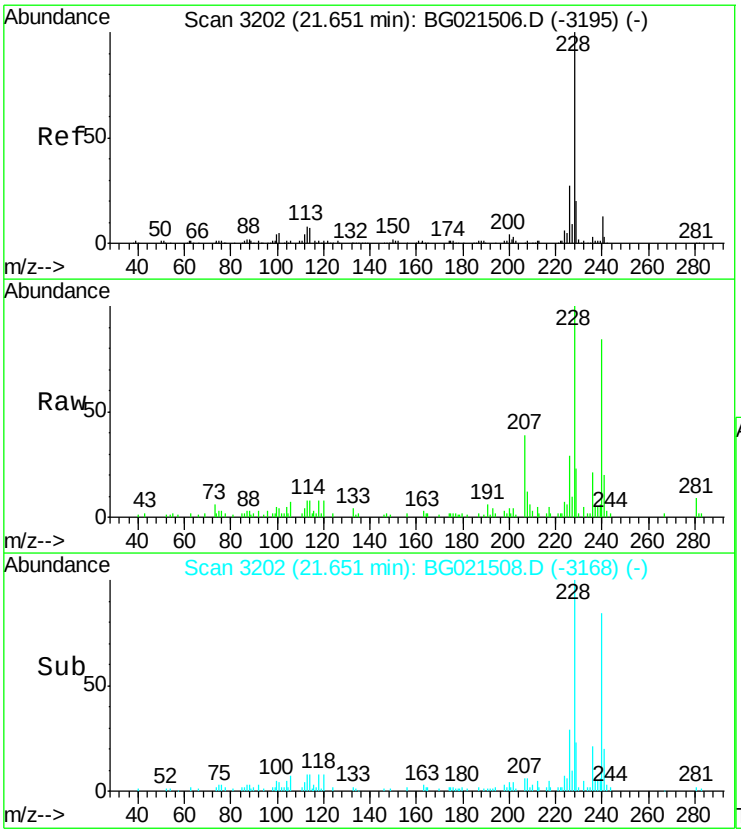
#80
Pyrene
Concen: 8.25 ng/ul
RT: 19.82 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:202 Resp: 41833

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.8	14.8
100	9.4	9.3	13.9

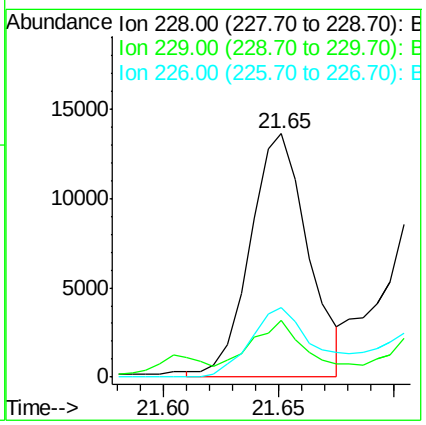


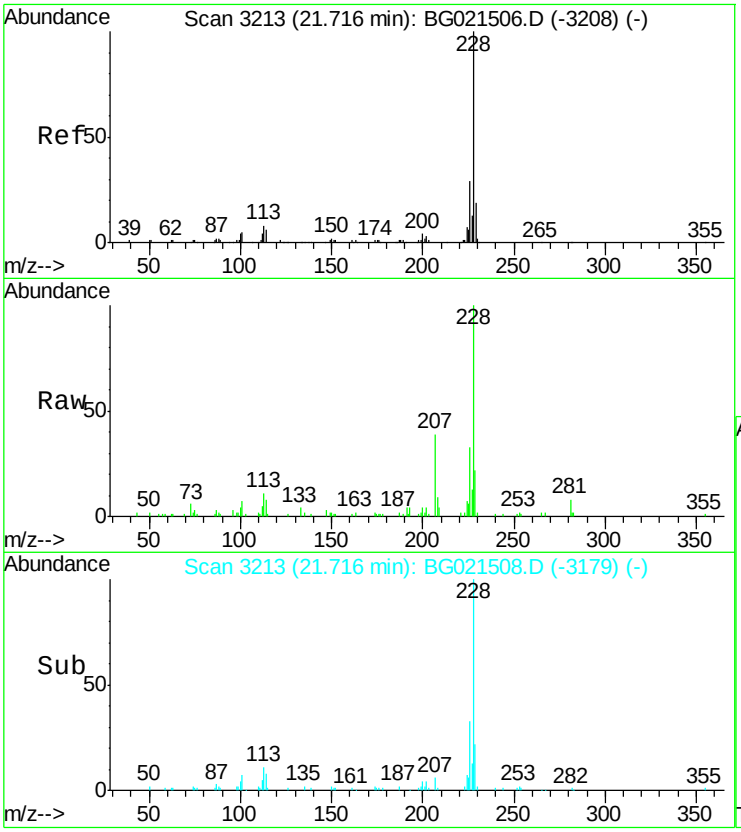


#83
Benzo(a)anthracene
Concen: 4.63 ng/ul
RT: 21.65 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:228 Resp: 23775

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.6	25.0
226	28.8	21.0	31.4



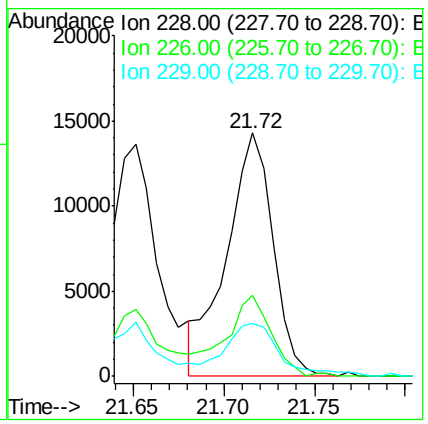


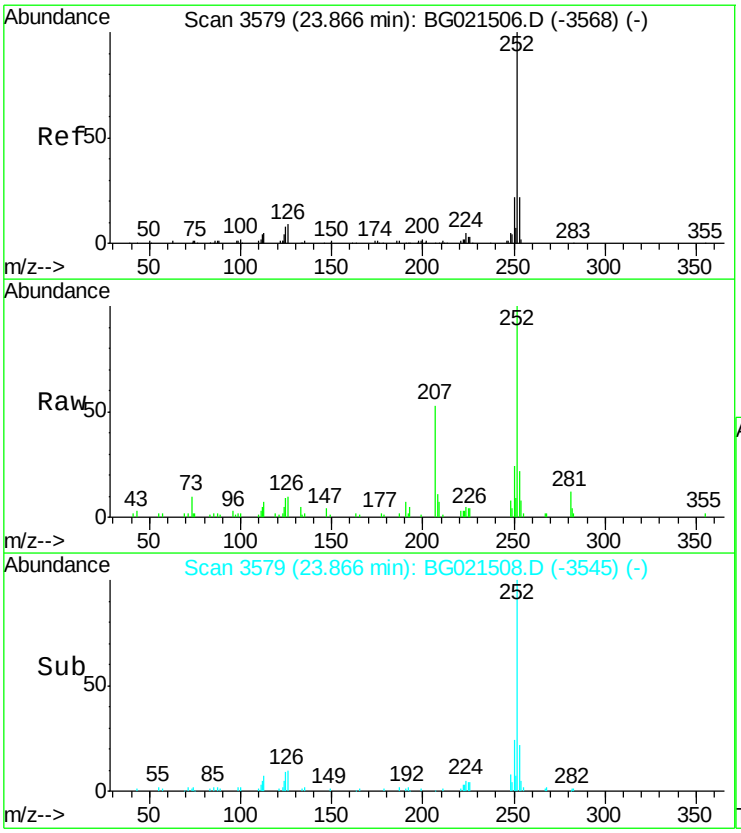
#85
Chrysene
Concen: 5.28 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:228 Resp: 25669

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.4	35.2
229	21.6	16.2	24.2

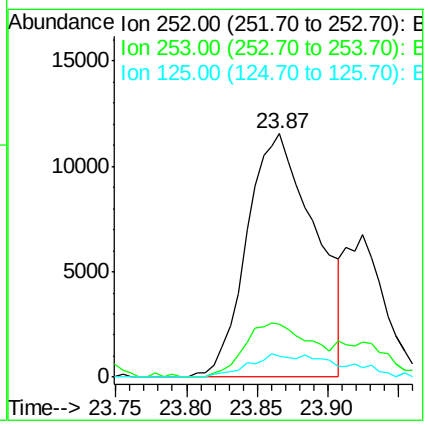


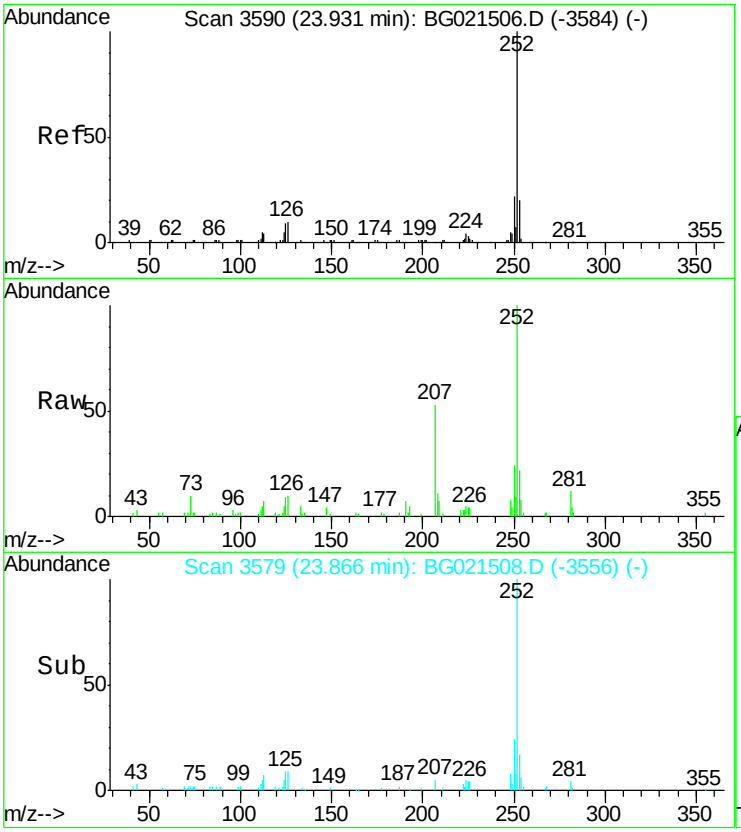


#88
Benzo(b)fluoranthene
Concen: 7.31 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:252 Resp: 38927

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	8.6	7.6	11.4



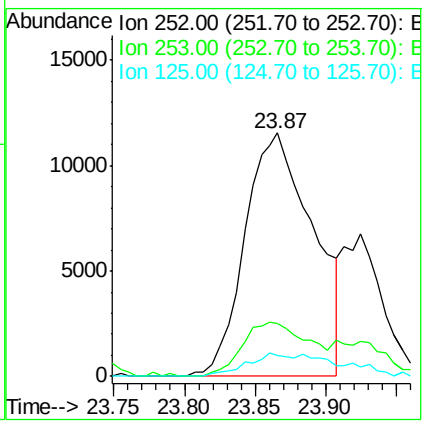


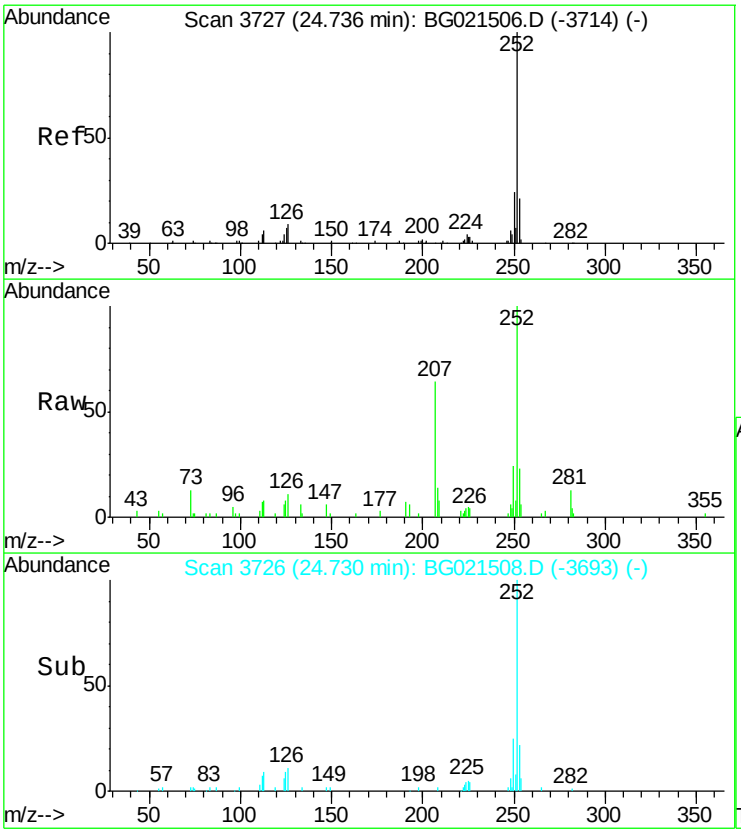
#89
Benzo(k)fluoranthene
Concen: 7.44 ng/ul
RT: 23.87 min Scan# 3579
Delta R.T. -0.06 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:252 Resp: 38927

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.6	7.7	11.5

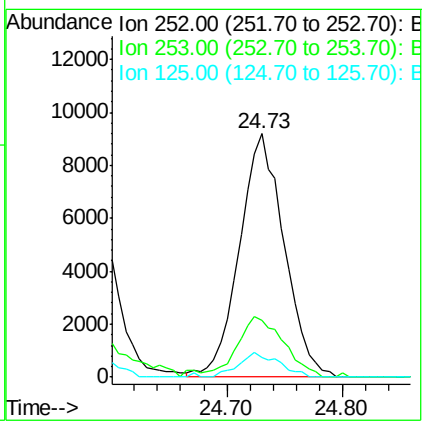


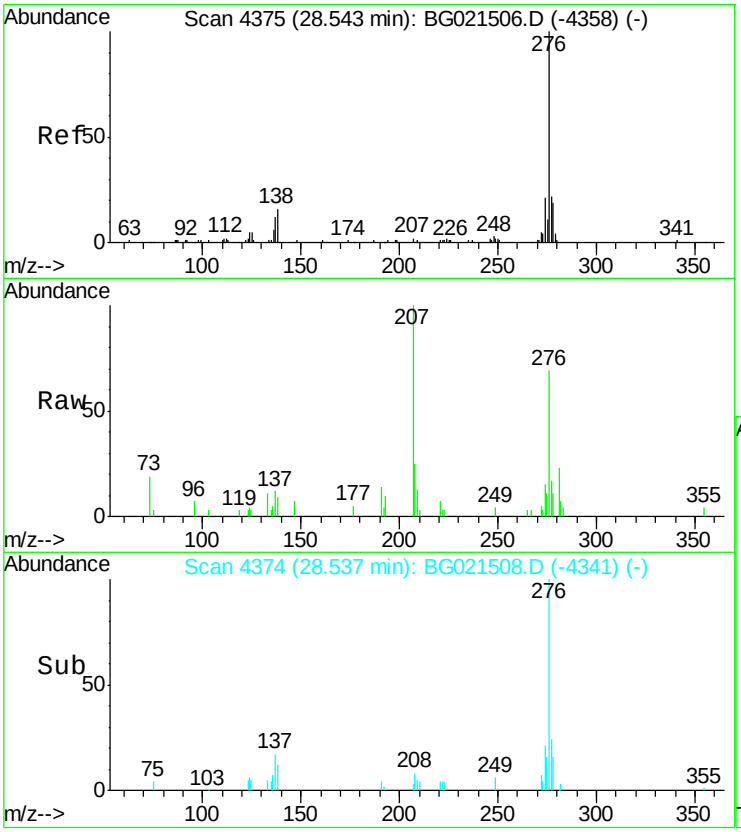


#91
Benzo(a)pyrene
Concen: 4.77 ng/ul
RT: 24.73 min Scan# 3726
Delta R.T. -0.01 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:252 Resp: 24664

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	8.3	8.2	12.2



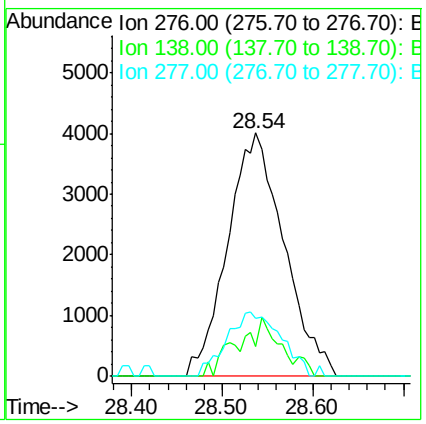


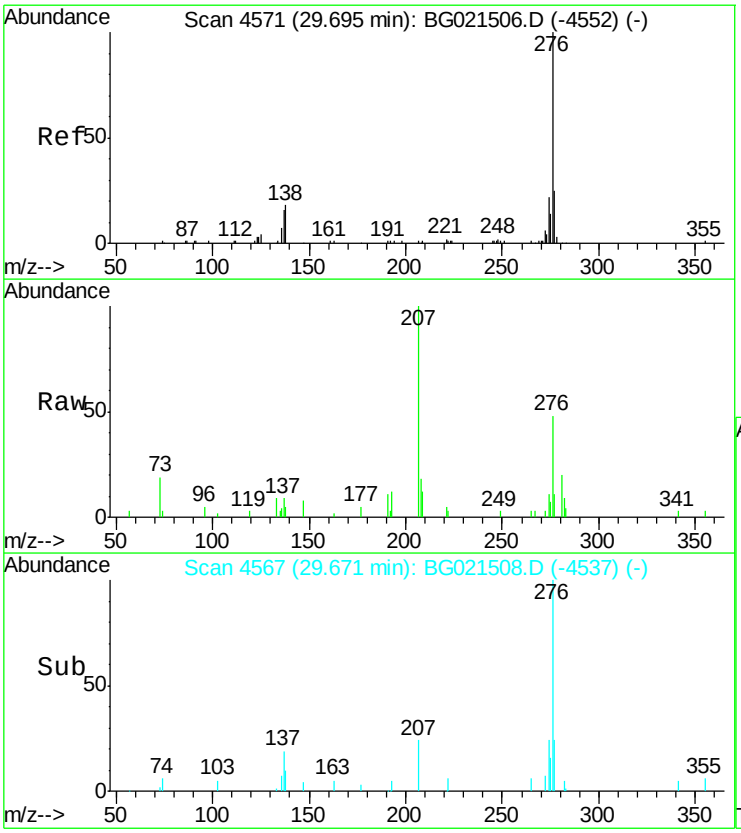
#92
Indeno(1,2,3-cd)pyrene
Concen: 2.95 ng/ul
RT: 28.54 min Scan# 4374
Delta R.T. -0.01 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Instrument :
BNA_G
ClientSampleId :
A4T40

Tgt Ion:276 Resp: 17298

Ion	Ratio	Lower	Upper
276	100		
138	12.4	15.8	23.6#
277	23.9	19.0	28.6





#94
Benzo(g,h,i)perylene
Concen: 1.54 ng/ul
RT: 29.67 min Scan# 4567
Delta R.T. -0.02 min
Lab File: BG021508.D
Acq: 25 Mar 2016 10:21

Tgt Ion:276 Resp: 7445

Ion	Ratio	Lower	Upper
276	100		
138	10.1	13.9	20.9#
277	23.7	19.8	29.6