Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021883.D
Acq On : 13 May 2016 00:37
Operator : UM/SJ
Sample : H2936-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WL0

Quant Time: May 13 05:03:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	358922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	219173	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	459402	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	462893	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	462206	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	5014	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	119838	22.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	56732	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	110594	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	105392	24.04	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	55373	23.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	61476	41.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	113242	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	1813	0.40	ng/ul	0.13
44) Dimethylphthalate-d6	14.20	166	350219	22.75	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	476057	21.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	51370	19.47	ng/ul	0.00
58) Fluorene-d10	15.78	176	323509	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34187	26.86	ng/ul	0.00
71) Anthracene-d10	17.64	188	450086	20.13	ng/ul	0.00
77) Pyrene-d10	19.91	212	482282	22.26	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	462349	21.05	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	14.24	163	43425	2.77	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	28793	6.72	ng/ul#	25
70) Phenanthrene	17.58	178	34227	1.36	ng/ul	96
72) Anthracene	17.58	178	34227	1.34	ng/ul	98
75) Fluoranthene	19.58	202	60231	2.11	ng/ul	96
78) Pyrene	19.94	202	52189	1.95	ng/ul	96
81) Benzo(a)anthracene	21.80	228	29720	1.15	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.69	149	30182	3.12	ng/ul#	98
83) Chrysene	21.80	228	29519	1.16	ng/ul	95
86) Benzo(b)fluoranthene	24.10	252	44857	1.70	ng/ul#	94
87) Benzo(k)fluoranthene	24.10	252	44857	1.58	ng/ul#	95
89) Benzo(a)pyrene	25.00	252	30806	1.17	ng/ul#	82

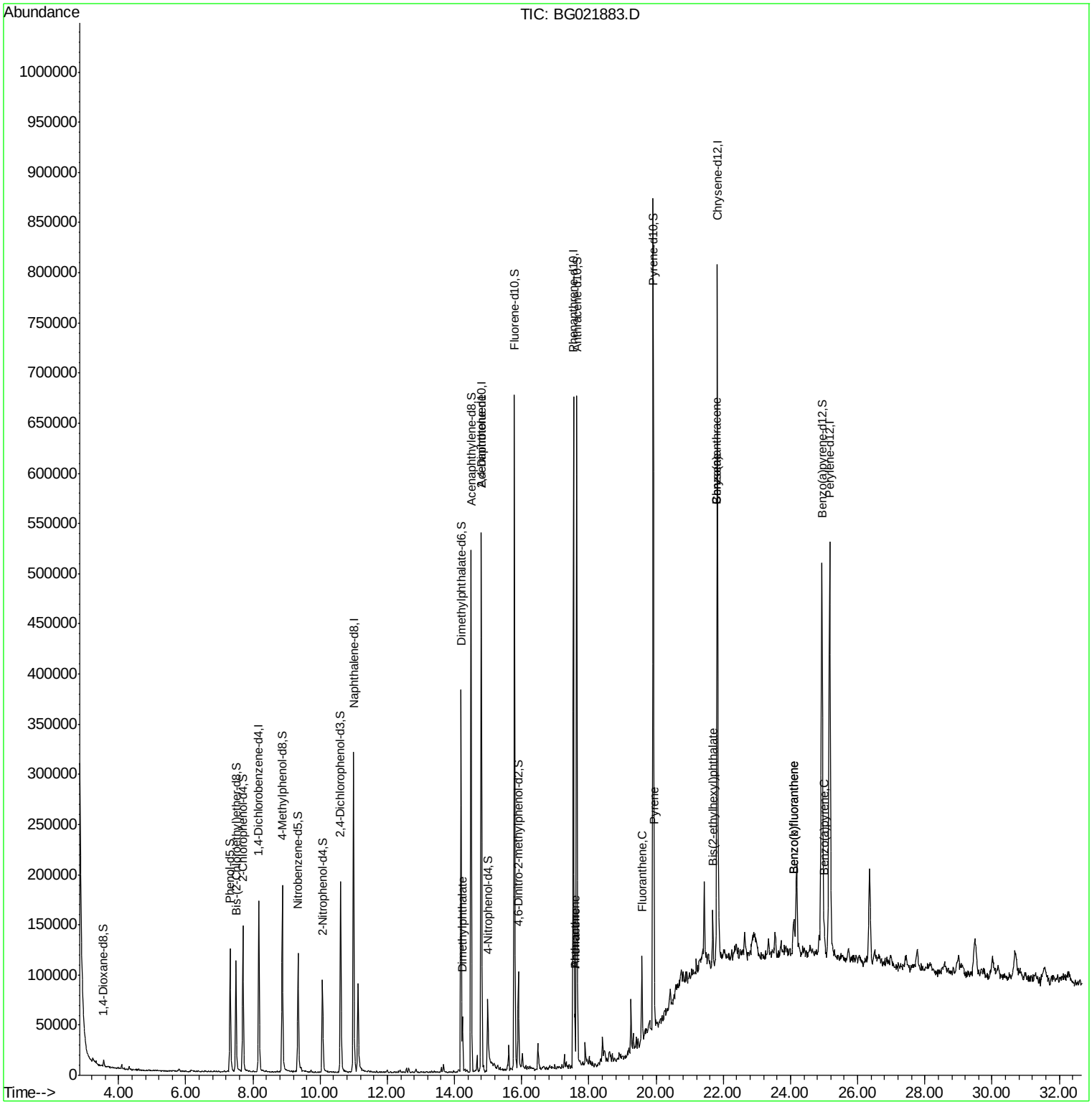
(#) = qualifier out of range (m) = manual integration (+) = signals summed

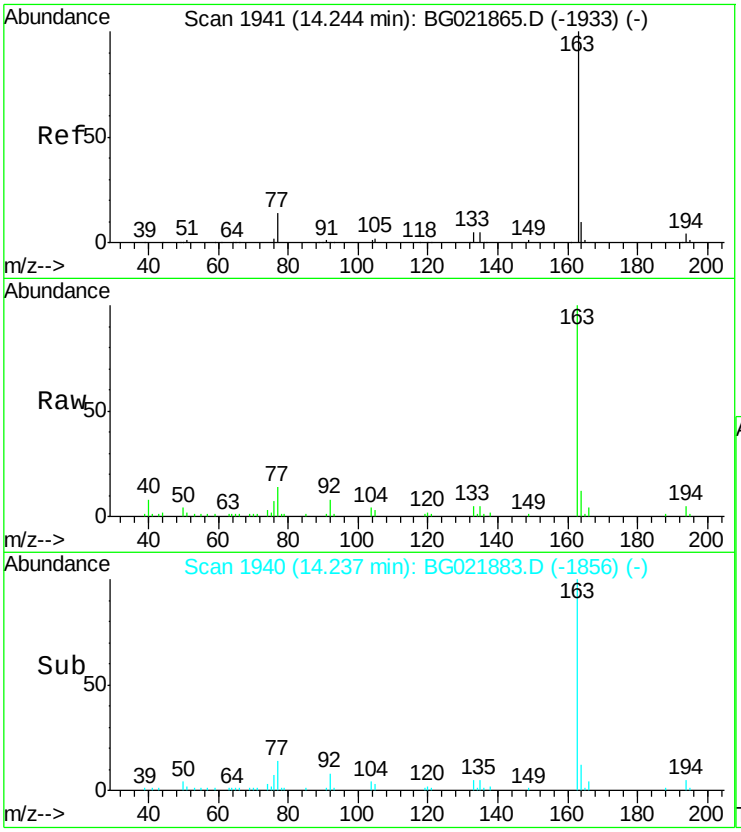
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021883.D
Acq On : 13 May 2016 00:37
Operator : UM/SJ
Sample : H2936-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WL0

Quant Time: May 13 05:03:35 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration



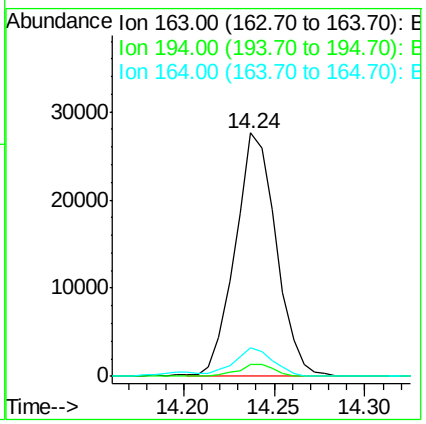


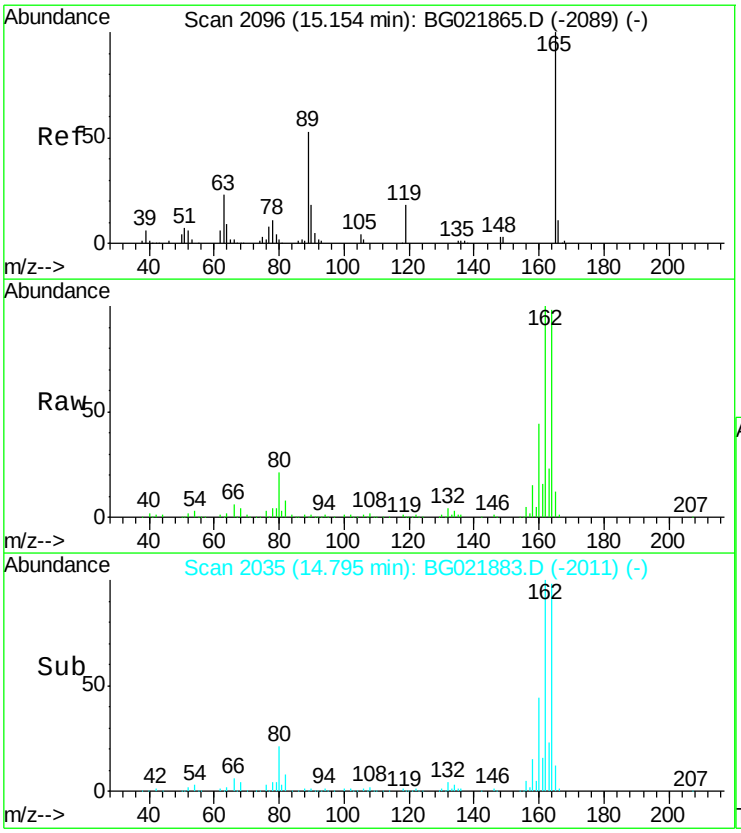
#45
Dimethylphthalate
Concen: 2.77 ng/ul
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:163 Resp: 43425

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	11.6	8.7	13.1

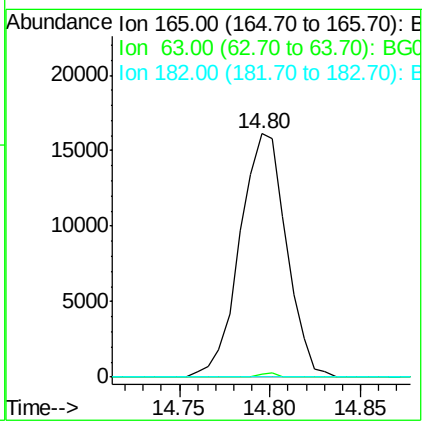


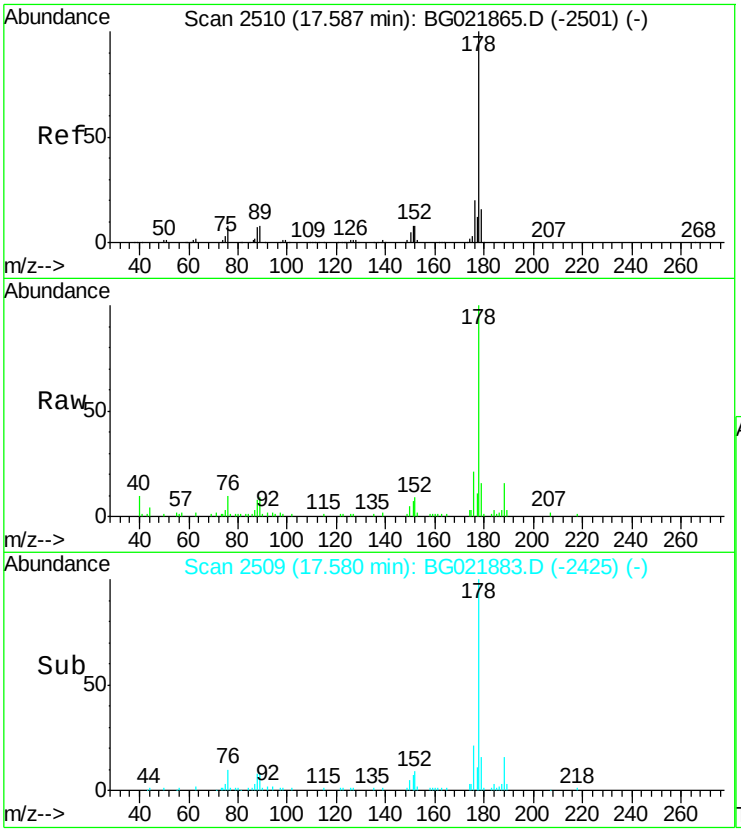


#55
2,4-Dinitrotoluene
Concen: 6.72 ng/ul
RT: 14.80 min Scan# 2035
Delta R.T. -0.36 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:165 Resp: 28793

Ion	Ratio	Lower	Upper
165	100		
63	1.0	48.1	72.1#
182	0.0	2.2	3.2#



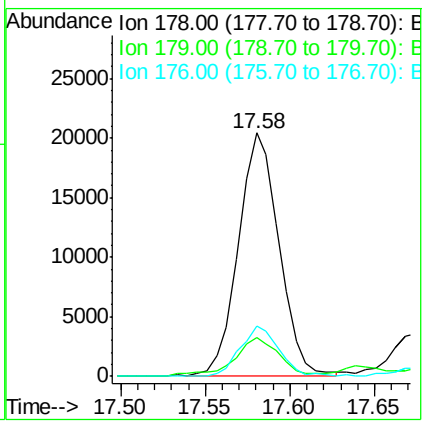


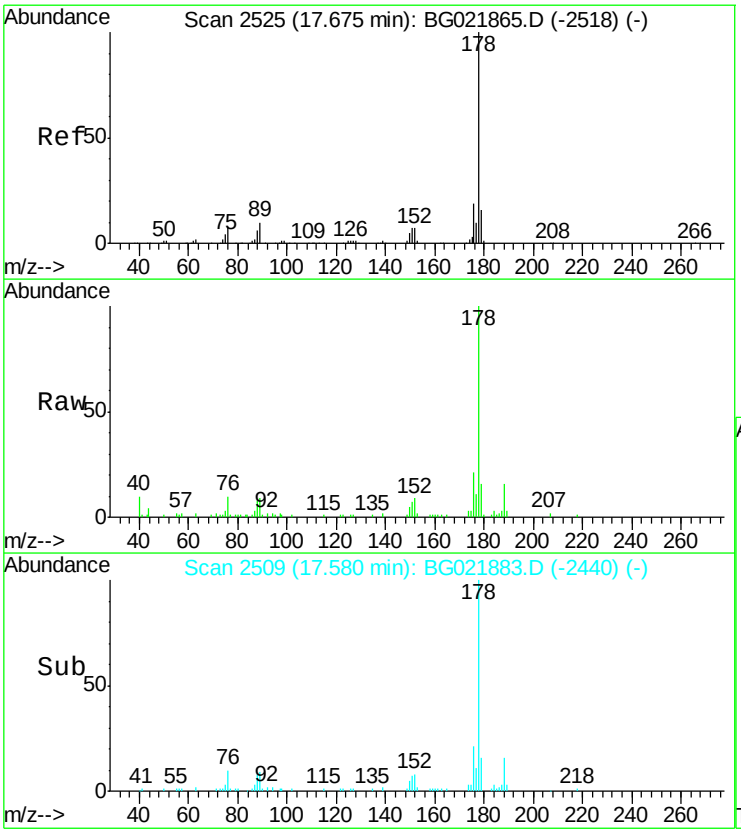
#70
Phenanthrene
Concen: 1.36 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:178 Resp: 34227

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	20.9	14.8	22.2

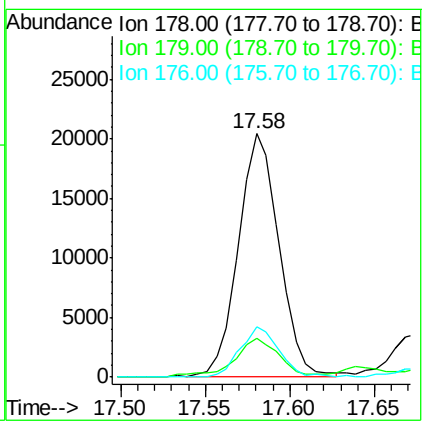


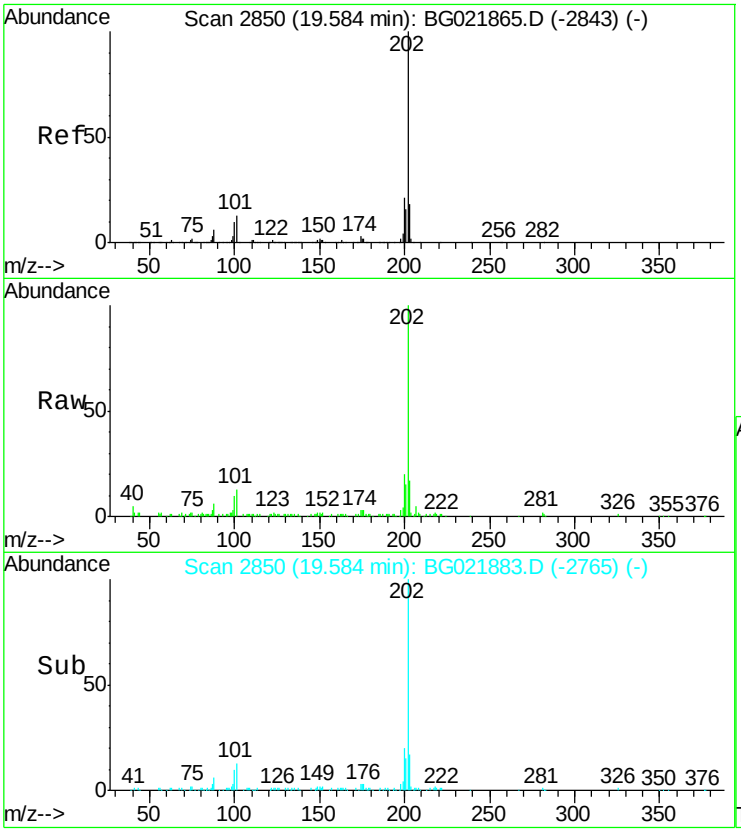


#72
Anthracene
Concen: 1.34 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.09 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:178 Resp: 34227

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	20.9	15.6	23.4



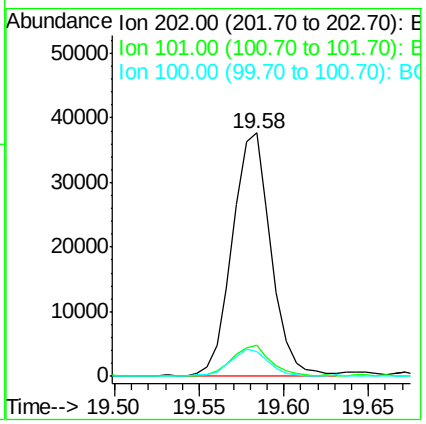


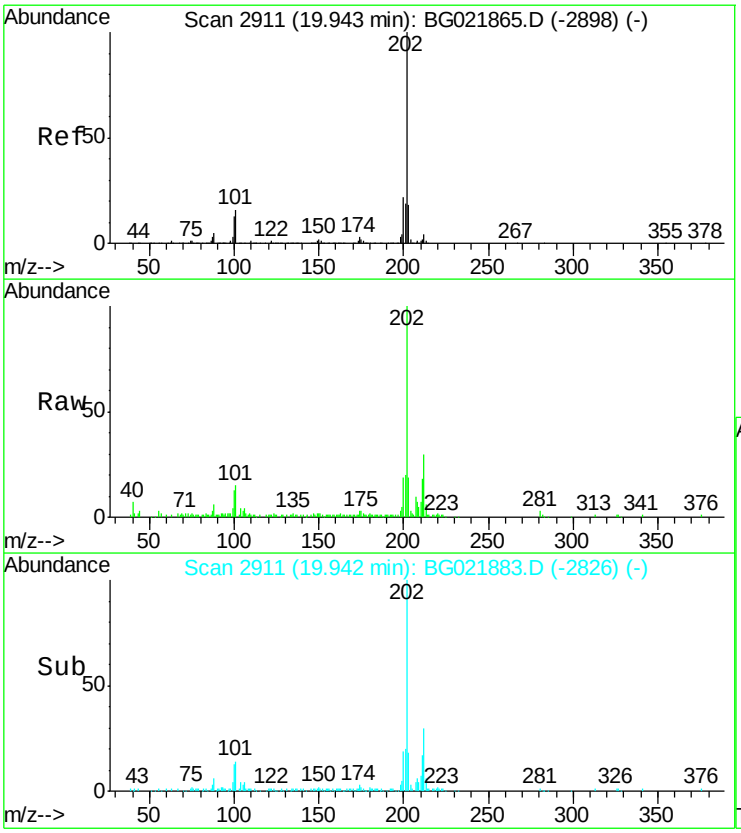
#75
Fluoranthene
Concen: 2.11 ng/ul
RT: 19.58 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:202 Resp: 60231

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.9	13.3
100	10.2	7.0	10.4

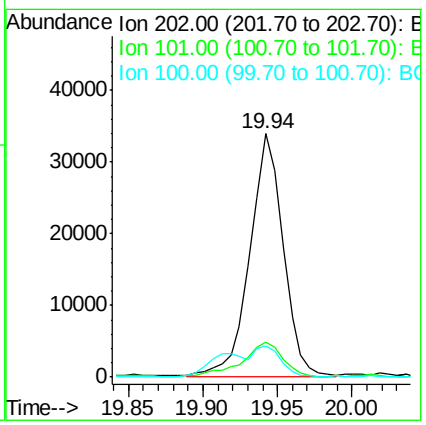


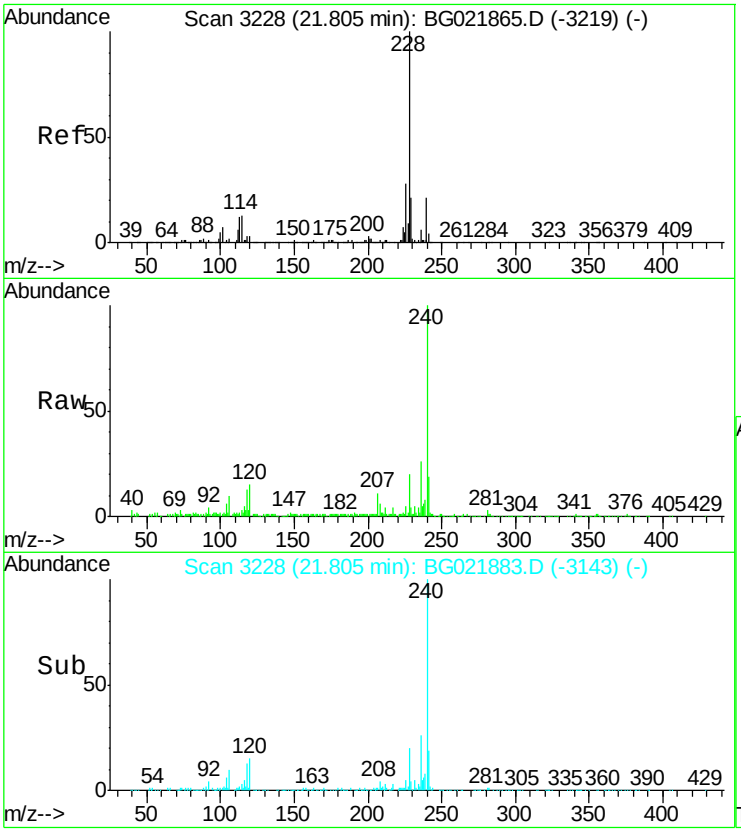


#78
Pyrene
Concen: 1.95 ng/ul
RT: 19.94 min Scan# 2911
Delta R.T. -0.00 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:202 Resp: 52189

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.8	14.8
100	12.8	9.3	13.9



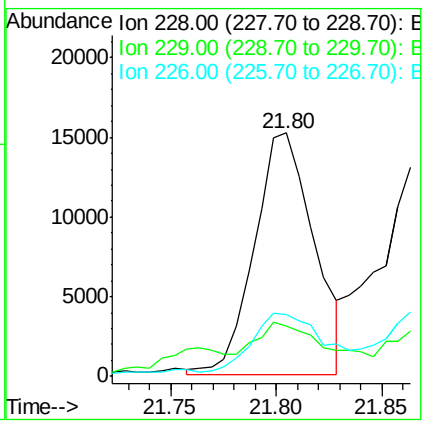


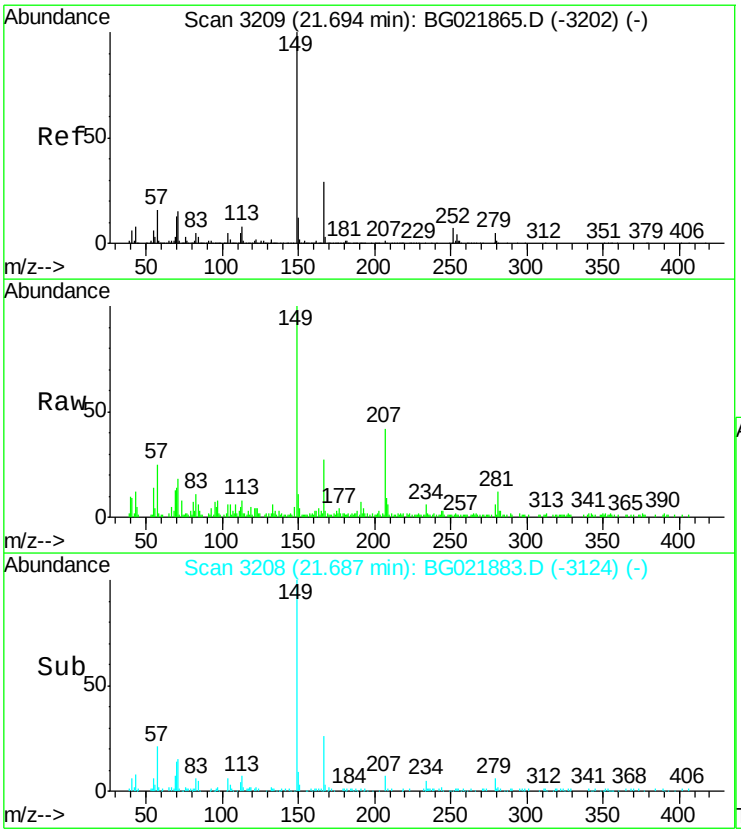
#81
Benzo(a)anthracene
Concen: 1.15 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:228 Resp: 29720

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.6	25.0
226	25.5	21.0	31.4

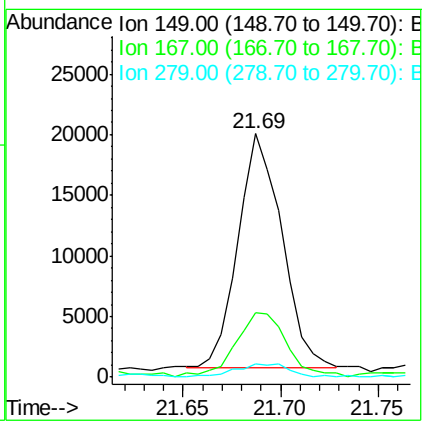


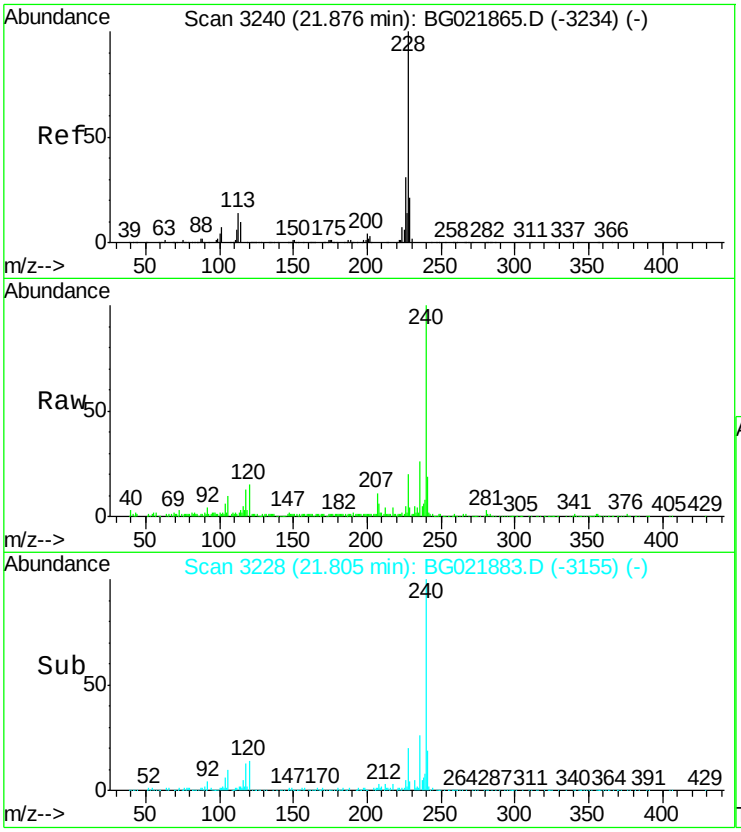


#82
Bis(2-ethylhexyl)phthalate
Concen: 3.12 ng/ul
RT: 21.69 min Scan# 3208
Delta R.T. -0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:149 Resp: 30182

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.5	30.7
279	5.6	3.7	5.5#



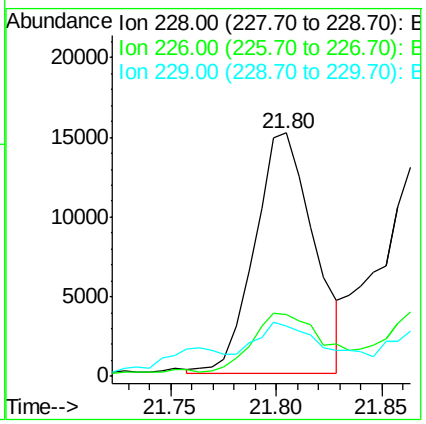


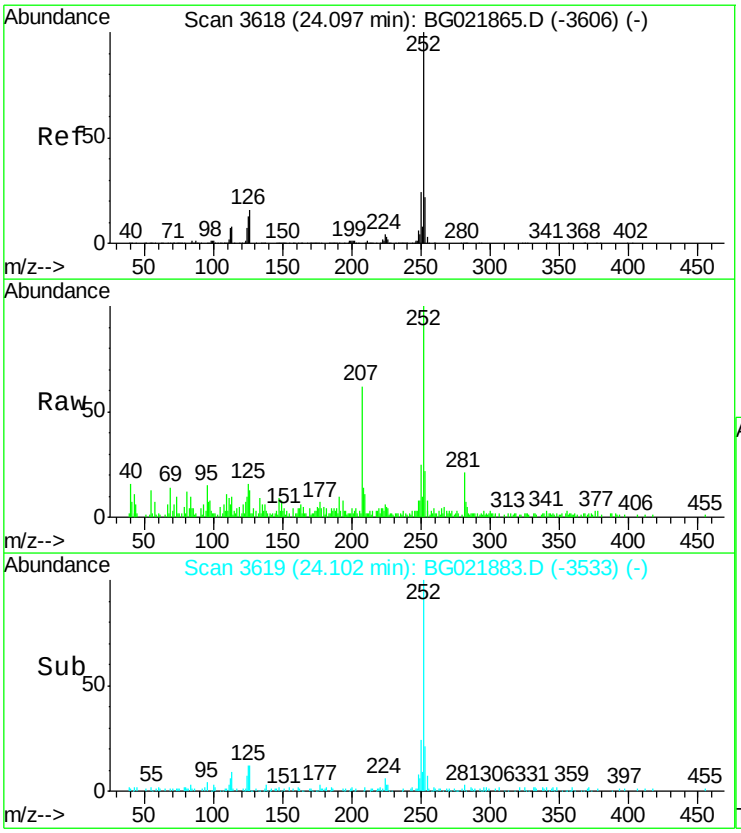
#83
Chrysene
Concen: 1.16 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.07 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:228 Resp: 29519

Ion	Ratio	Lower	Upper
228	100		
226	25.5	23.4	35.2
229	20.9	16.2	24.2

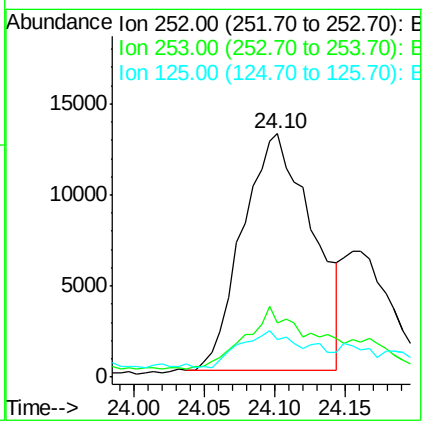


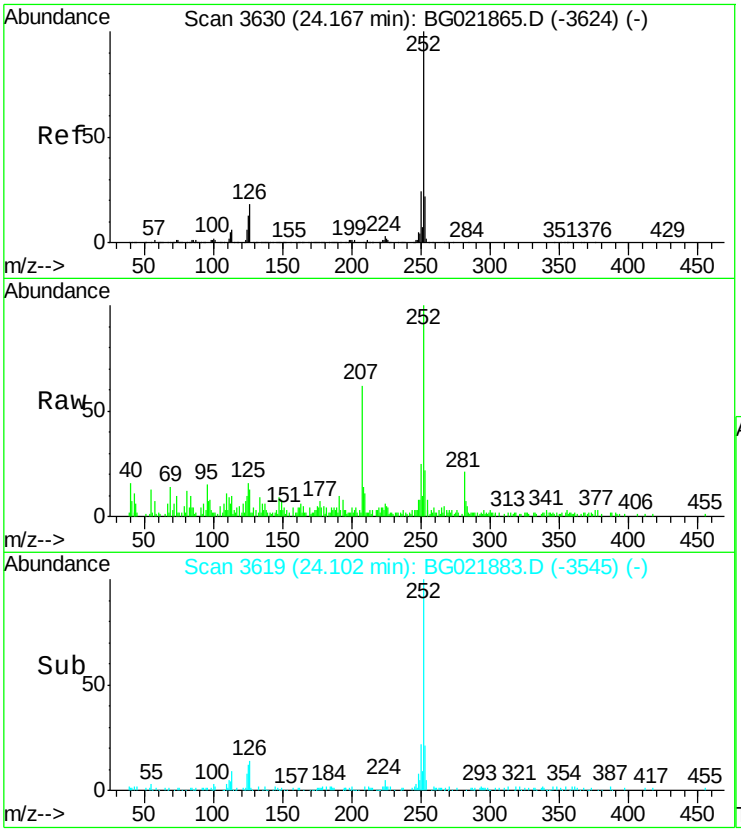


#86
Benzo(b)fluoranthene
Concen: 1.70 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:252 Resp: 44857

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	15.6	7.6	11.4#



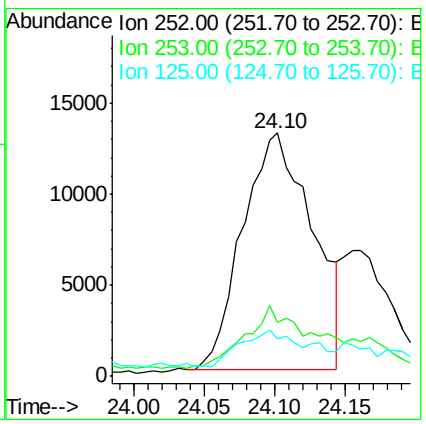


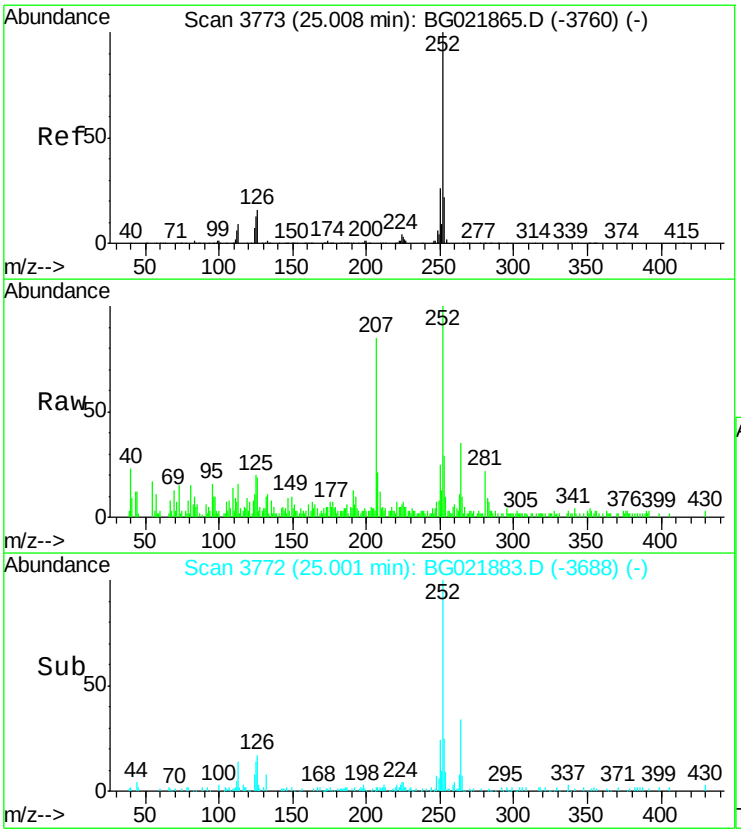
#87
Benzo(k)fluoranthene
Concen: 1.58 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. -0.07 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt Ion:252 Resp: 44857

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	15.6	7.7	11.5#





#89
Benzo(a)pyrene
Concen: 1.17 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Tgt Ion:252 Resp: 30806

Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.4	26.0#
125	19.6	8.2	12.2#