Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4940-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Aug 25 23:13:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 23:11:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36291	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	159084	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	112578	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.80	188	346783	20.00	ng/ul	0.10
75) Chrysene-d12	22.03	240	312026	20.00	ng/ul	0.00
83) Perylene-d12	25.55	264	310156	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.82	96	2614	3.35	ng/uL	0.00
5) Phenol-d5	7.50	99	52544	13.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	33953	13.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	33906	13.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	40507	12.16	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	21788	17.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	27888	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	50103	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	43964	14.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	216631	21.63	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	247428	21.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	25205	15.83	ng/ul	0.00
57) Fluorene-d10	15.94	176	197826	22.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	330	0.15	ng/ul	0.07
70) Anthracene-d10	17.80	188	346783	20.85	ng/ul	0.00
76) Pyrene-d10	20.07	212	450087	28.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	434018	29.89	ng/ul	0.02
Target Compounds						Qvalue
44) Dimethylphthalate	14.38	163	34544	3.747	ng/ul	97
69) Phenanthrene	17.74	178	65646	3.762	ng/ul	96
71) Anthracene	17.74	178	65646	3.680	ng/ul	95
74) Fluoranthene	19.74	202	159043	7.499	ng/ul	98
77) Pyrene	20.10	202	136416	7.328	ng/ul	97
80) Benzo(a)anthracene	22.01	228	90609	5.026	ng/ul	98
82) Chrysene	22.08	228	78029	4.806	ng/ul	97
85) Benzo(b)fluoranthene	24.41	252	120160	6.474	ng/ul	96
86) Benzo(k)fluoranthene	24.41	252	120160	6.628	ng/ul	98
88) Benzo(a)pyrene	25.37	252	91787	5.108	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	29.57	276	90510	4.301	ng/ul	96
91) Benzo(g,h,i)perylene	30.83	276	85770	4.954	ng/ul#	96

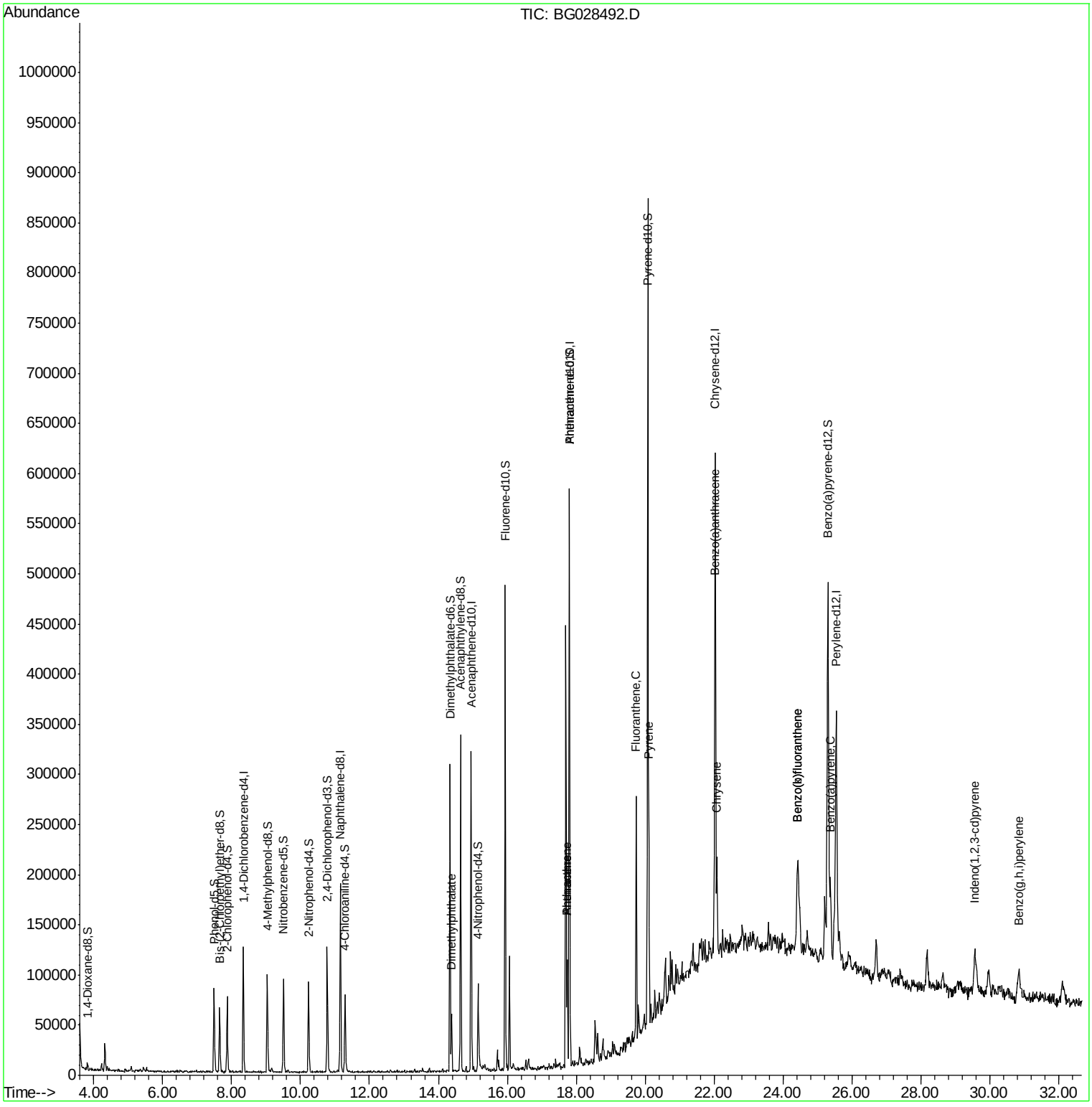
(#) = qualifier out of range (m) = manual integration (+) = signals summed

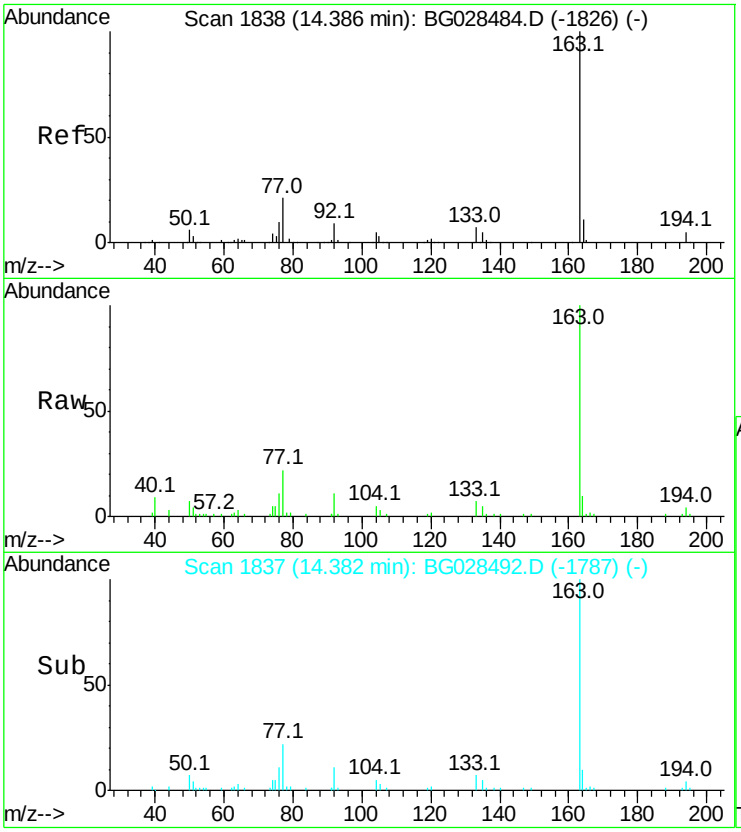
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082517\
Data File : BG028492.D
Acq On : 25 Aug 2017 15:05
Operator : SJ/JU
Sample : I4940-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 25 23:13:35 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 23:11:18 2017
Response via : Initial Calibration



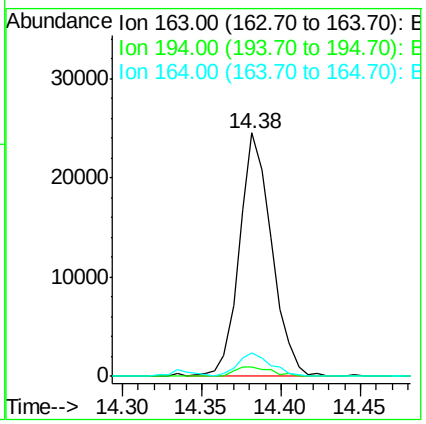


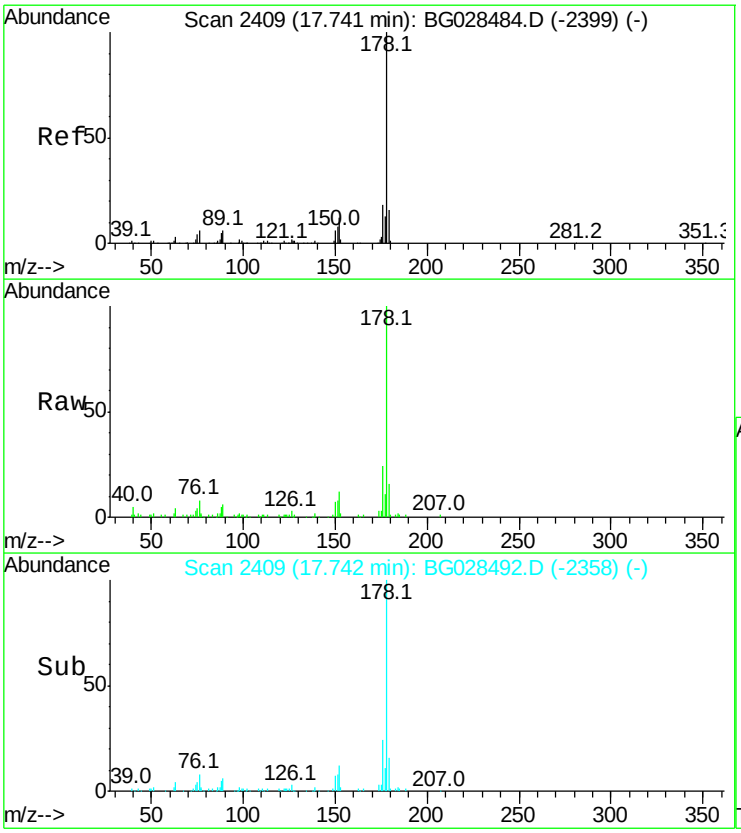
#44
Dimethylphthalate
Concen: 3.747 ng/ul
RT: 14.38 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:163 Resp: 34544

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	9.7	9.0	13.4

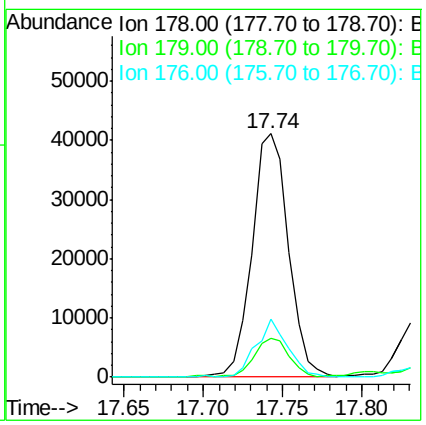


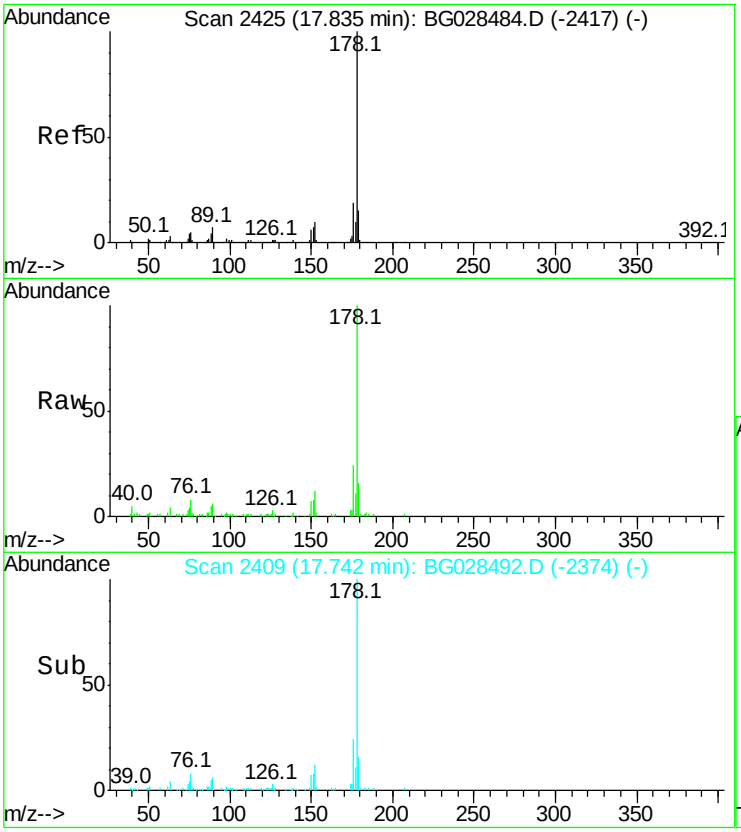


#69
Phenanthrene
Concen: 3.762 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:178 Resp: 65646

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	23.8	16.5	24.7



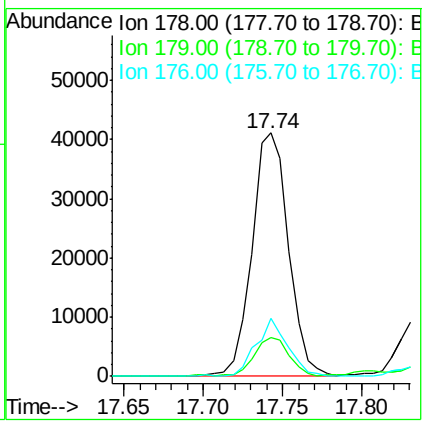


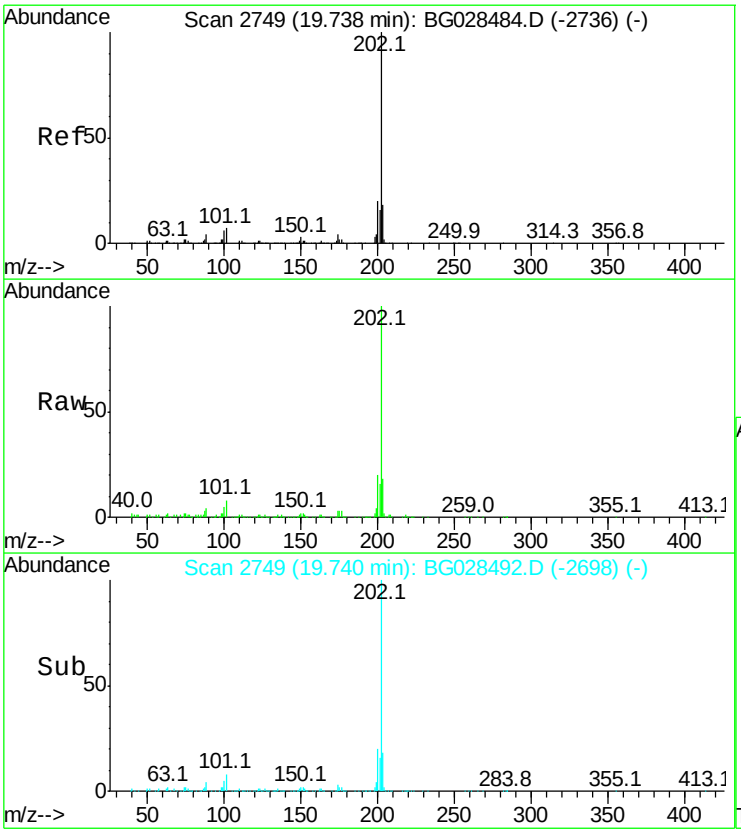
#71
Anthracene
Concen: 3.680 ng/ul
RT: 17.74 min Scan# 2409
Delta R.T. -0.09 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:178 Resp: 65646

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	23.8	15.9	23.9

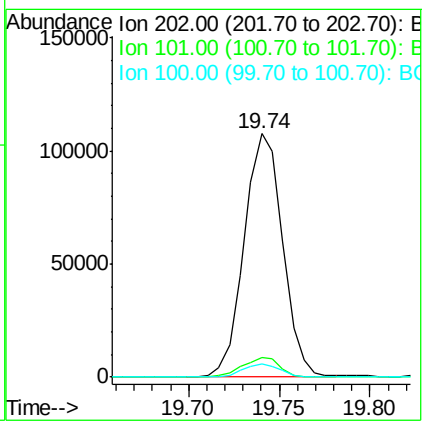


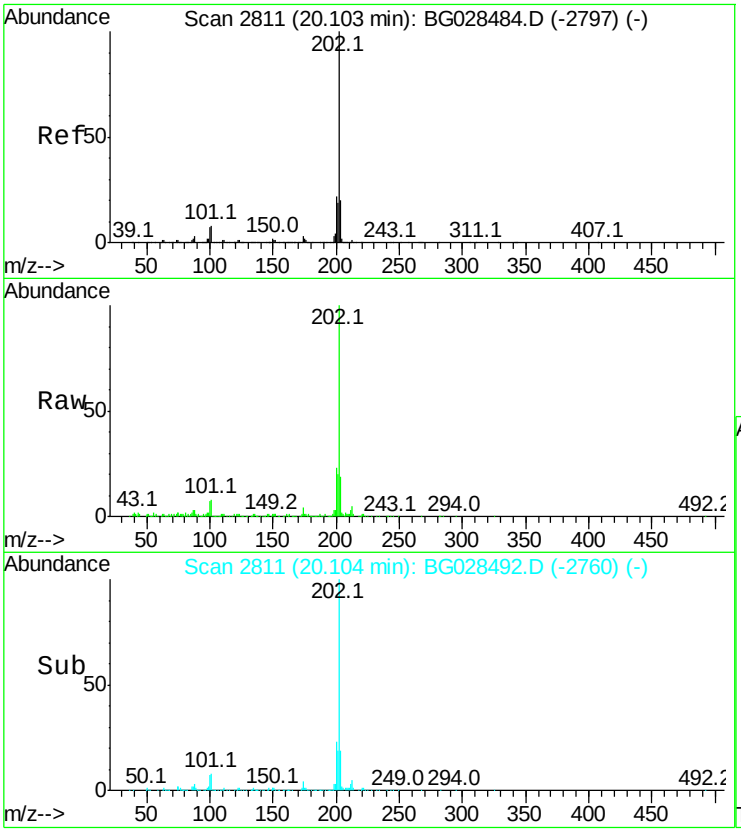


#74
Fluoranthene
Concen: 7.499 ng/ul
RT: 19.74 min Scan# 2749
Delta R.T. 0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:202 Resp: 159043

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.2
100	5.4	5.2	7.8



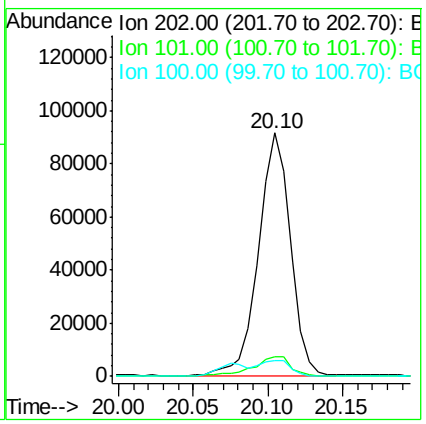


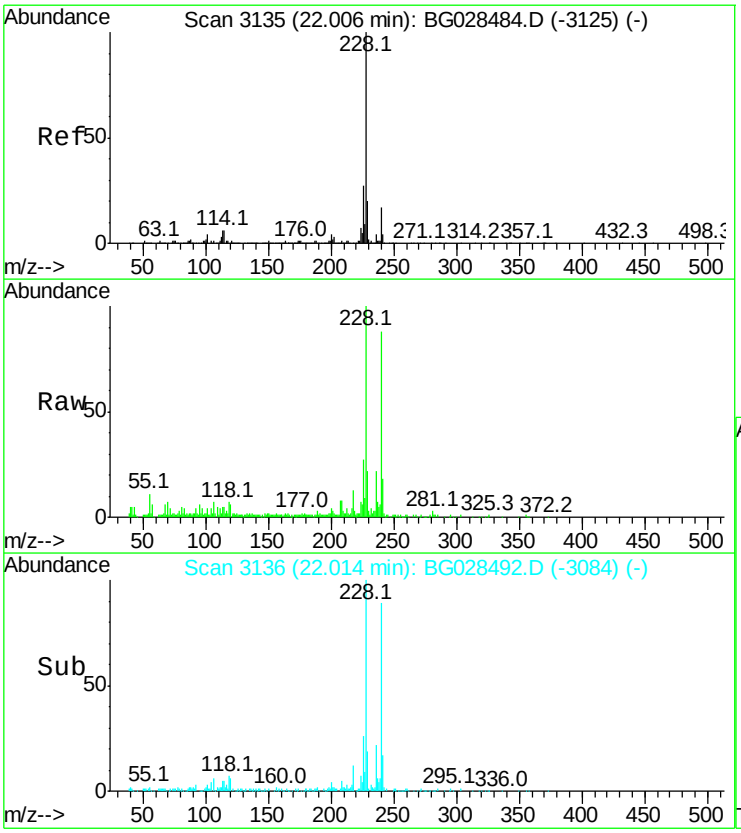
#77
Pyrene
Concen: 7.328 ng/ul
RT: 20.10 min Scan# 2811
Delta R.T. 0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 136416

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.9	10.3
100	6.7	6.6	10.0

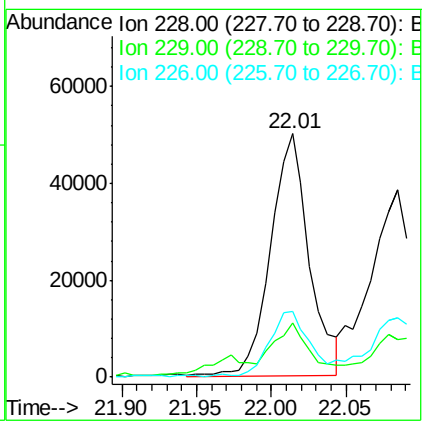


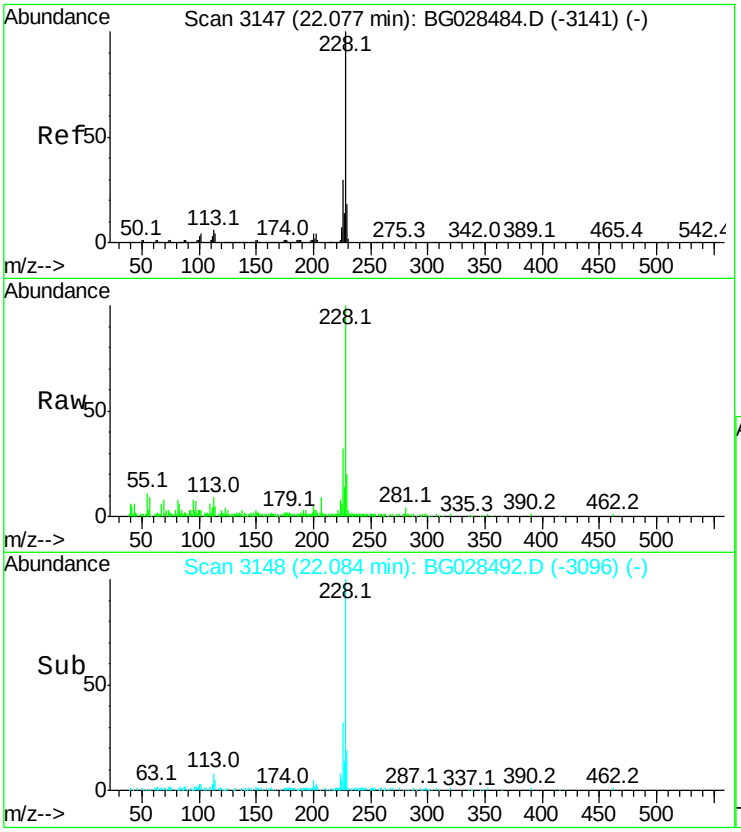


#80
Benzo(a)anthracene
Concen: 5.026 ng/ul
RT: 22.01 min Scan# 3136
Delta R.T. 0.01 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:228 Resp: 90609

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.3	24.5
226	26.9	21.9	32.9



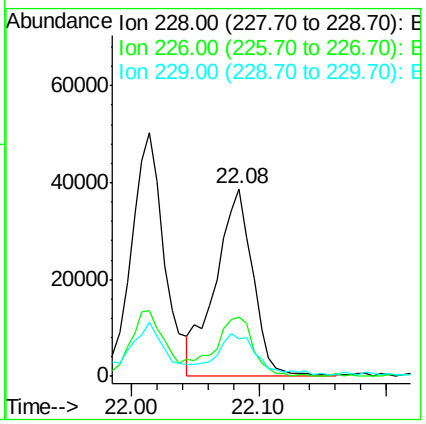


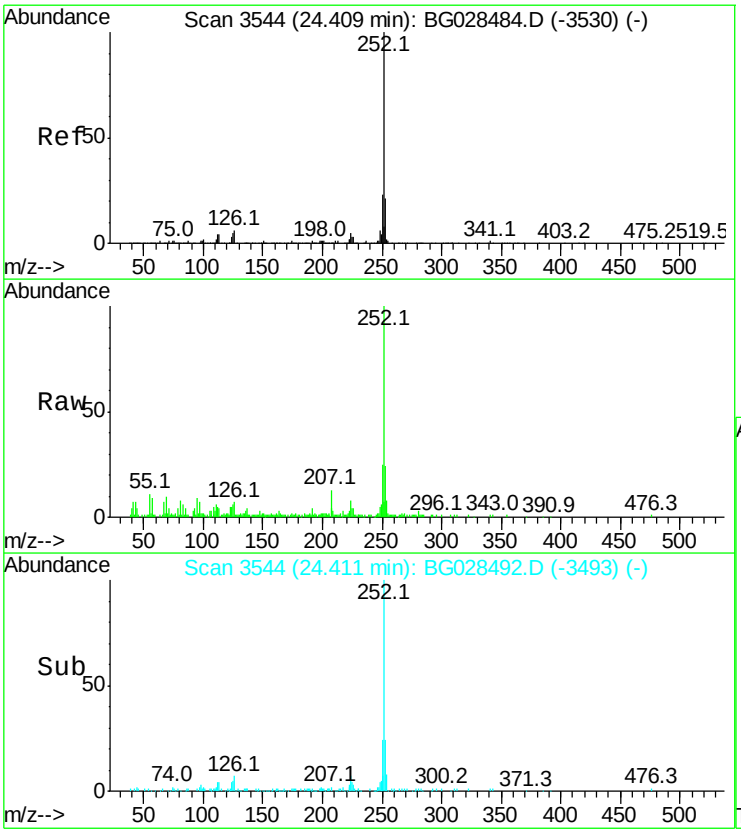
#82
Chrysene
Concen: 4.806 ng/ul
RT: 22.08 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 78029

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	20.1	16.9	25.3

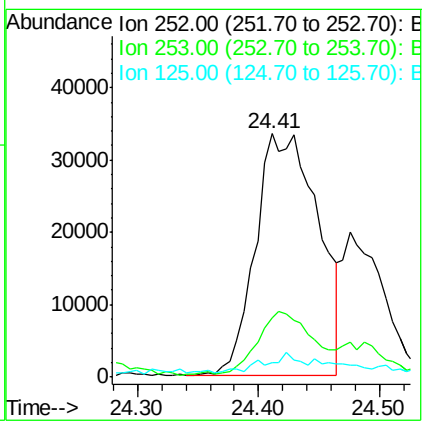


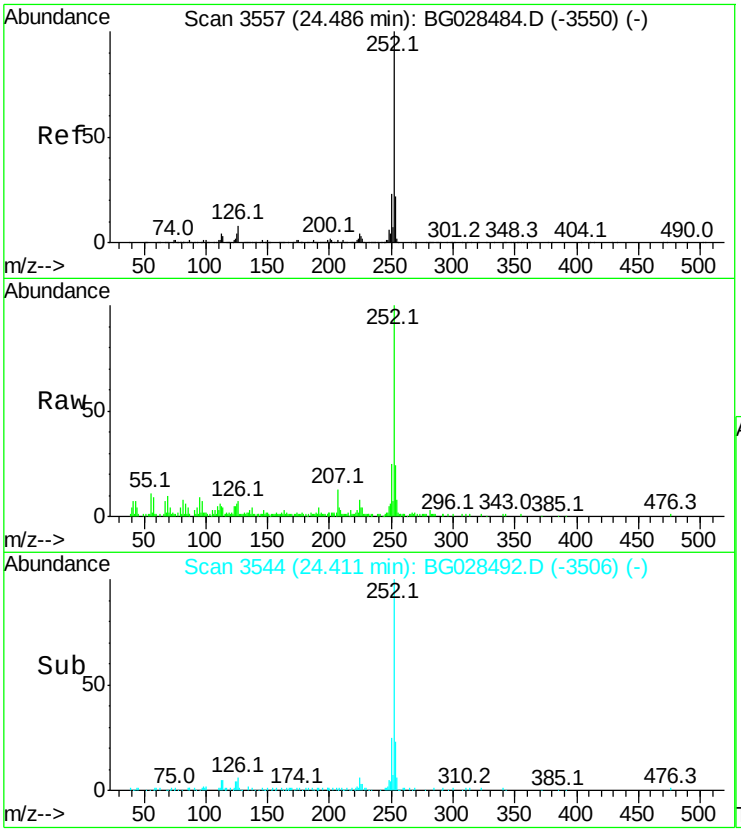


#85
Benzo(b)fluoranthene
Concen: 6.474 ng/ul
RT: 24.41 min Scan# 3544
Delta R.T. 0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:252 Resp: 120160

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.7	26.5
125	5.8	4.0	6.0



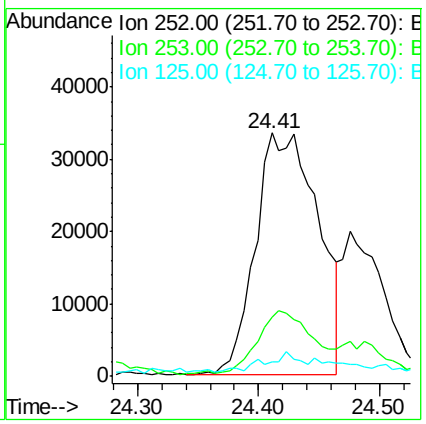


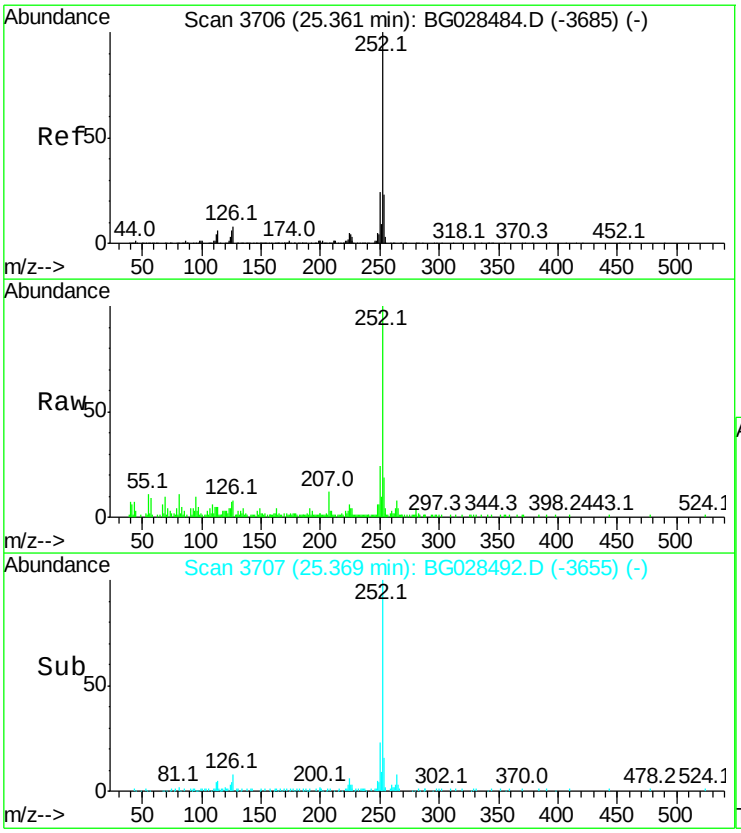
#86
Benzo(k)fluoranthene
Concen: 6.628 ng/ul
RT: 24.41 min Scan# 3544
Delta R.T. -0.07 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 120160

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	5.8	4.1	6.1

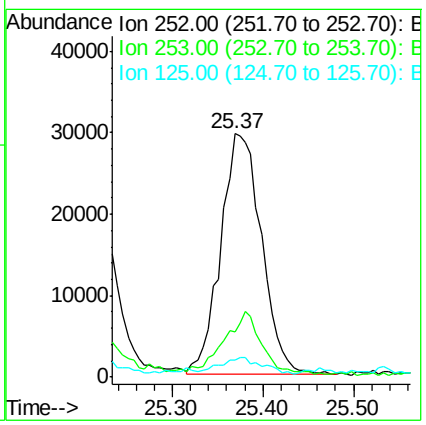


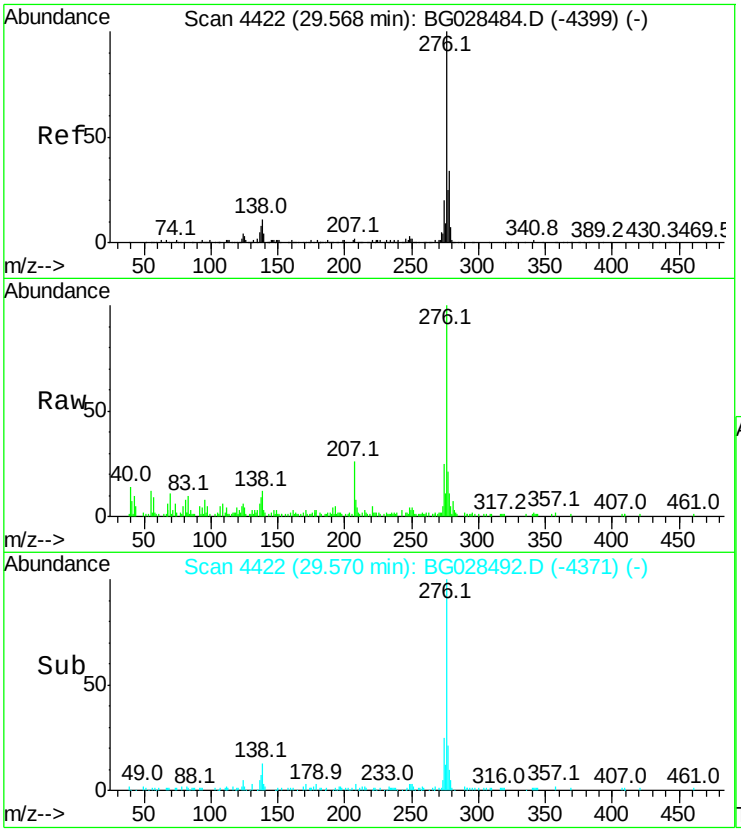


#88
Benzo(a)pyrene
Concen: 5.108 ng/ul
RT: 25.37 min Scan# 3707
Delta R.T. 0.01 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:252 Resp: 91787

Ion	Ratio	Lower	Upper
252	100		
253	18.7	17.8	26.6
125	7.0	5.4	8.0



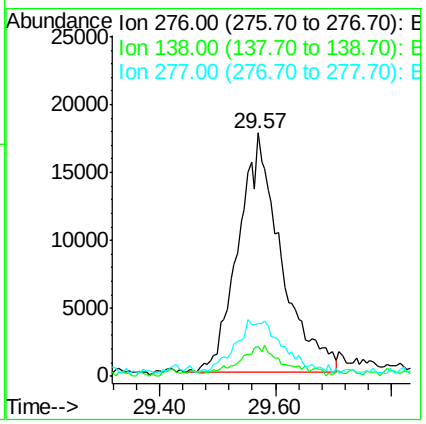


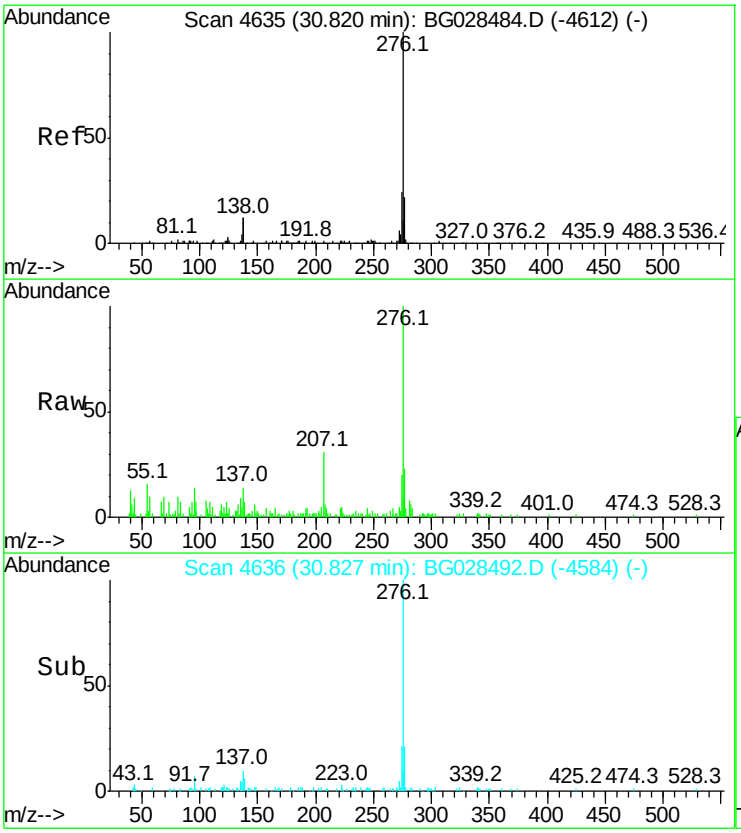
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.301 ng/ul
RT: 29.57 min Scan# 4422
Delta R.T. 0.00 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 90510

Ion	Ratio	Lower	Upper
276	100		
138	12.2	8.2	12.4
277	21.5	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 4.954 ng/ul
RT: 30.83 min Scan# 4636
Delta R.T. 0.01 min
Lab File: BG028492.D
Acq: 25 Aug 2017 15:05

Tgt Ion:276 Resp: 85770

Ion	Ratio	Lower	Upper
276	100		
138	7.5	8.6	12.8#
277	23.0	17.6	26.4