Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
Data File : BG029477.D
Acq On : 26 Oct 2017 14:17
Operator : SJ/JU
Sample : I5792-18
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0D47

Quant Time: Oct 26 17:43:44 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 15:59:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	114186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	529623	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	331302	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	720269	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	750619	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	777371	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	14464	5.15	ng/uL	0.00
5) Phenol-d5	7.32	99	254753	23.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	180059	26.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	220736	28.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	133797	15.12	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	126980	33.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	152699	39.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	247038	27.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	244458	23.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	847842	29.93	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1052164	30.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	48305	9.24	ng/ul	0.00
57) Fluorene-d10	15.78	176	762236	32.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	61519	17.50	ng/ul	0.00
70) Anthracene-d10	17.63	188	1086689	31.90	ng/ul	0.00
76) Pyrene-d10	19.90	212	1243493	32.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	1234347	33.53	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.35	94	35127	3.098	ng/ul#	88
44) Dimethylphthalate	14.23	163	52115	1.886	ng/ul	99
69) Phenanthrene	17.57	178	153182	3.934	ng/ul	99
74) Fluoranthene	19.57	202	503798	11.577	ng/ul	100
77) Pyrene	19.93	202	413315	8.216	ng/ul	99
80) Benzo(a)anthracene	21.78	228	174219	3.704	ng/ul	97
82) Chrysene	21.85	228	163412	3.823	ng/ul	97
85) Benzo(b)fluoranthene	24.07	252	225837	4.839	ng/ul	95
86) Benzo(k)fluoranthene	24.12	252	78371	1.737	ng/ul	98
88) Benzo(a)pyrene	24.97	252	137200	3.020	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.92	276	114989	2.237	ng/ul	95
91) Benzo(g,h,i)perylene	30.10	276	80306	1.885	ng/ul	96

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

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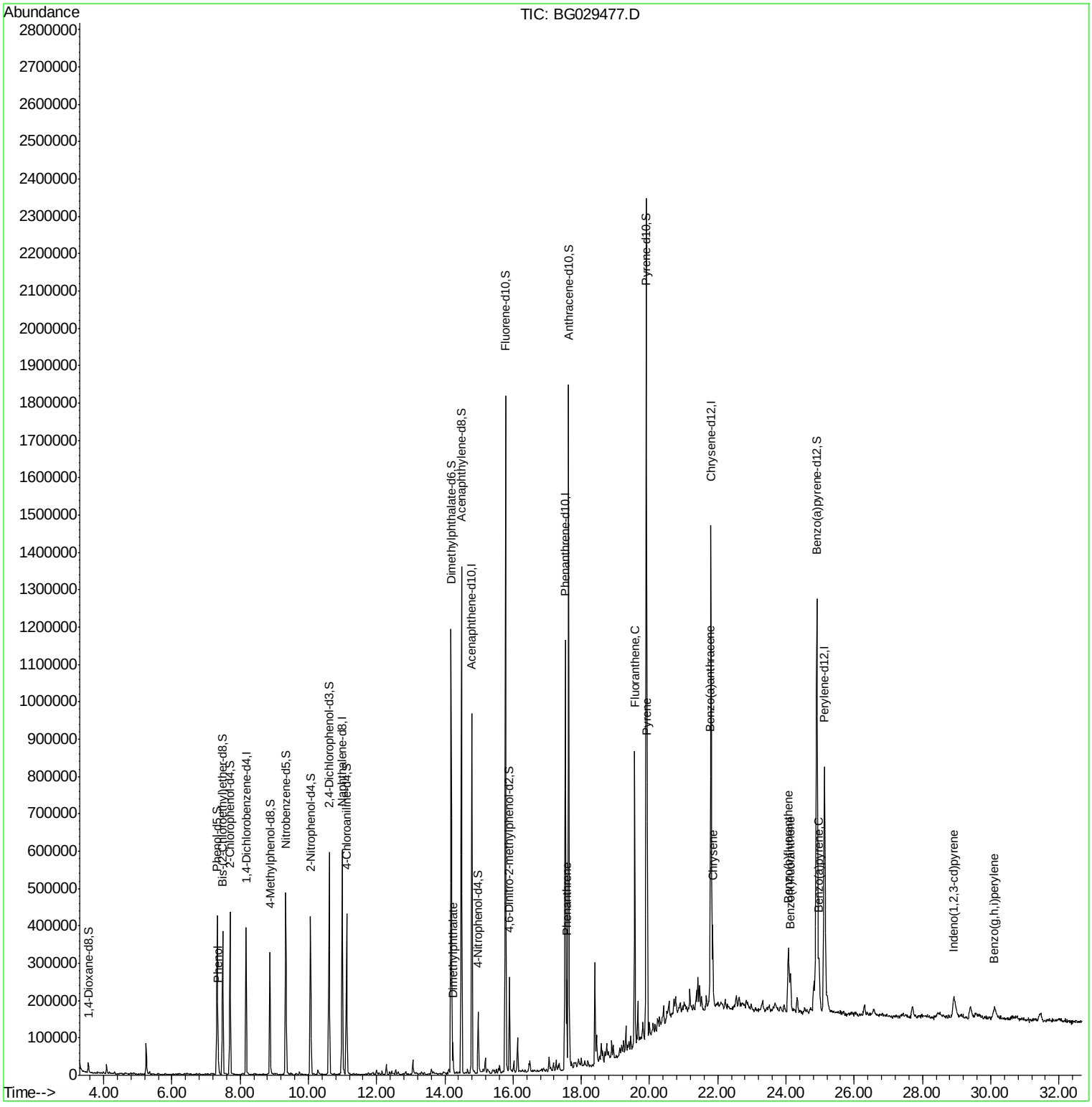
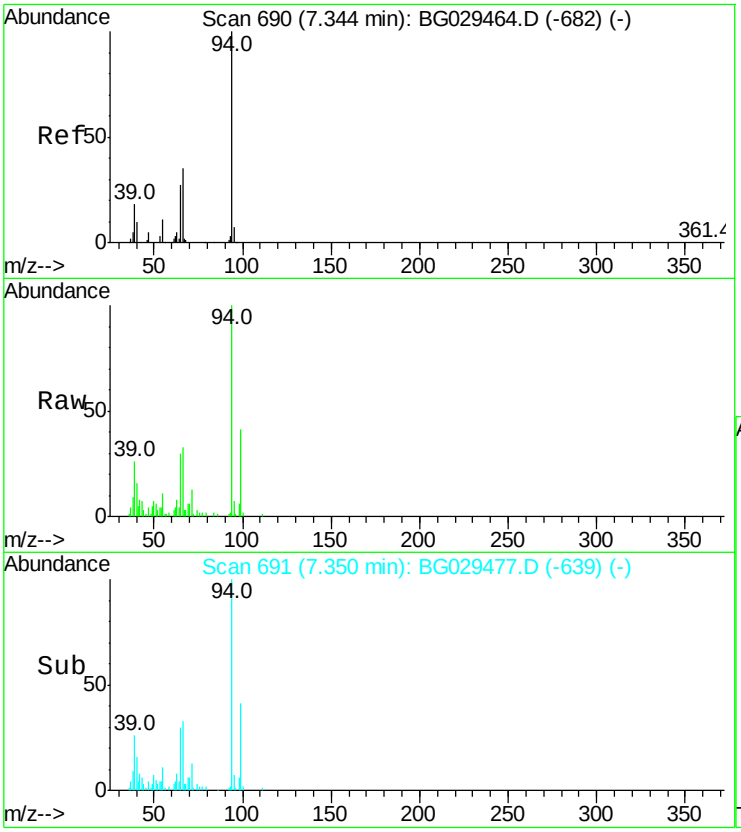


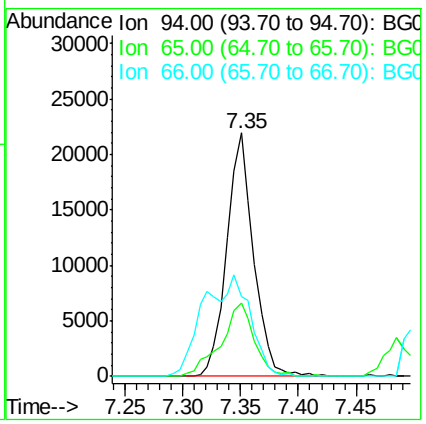


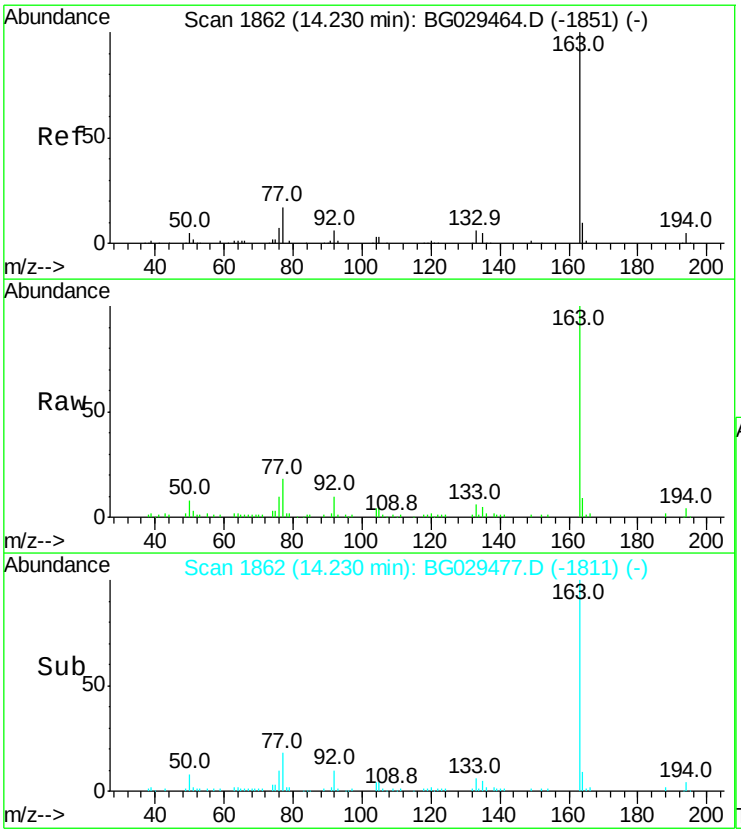
#6
Phenol
Concen: 3.098 ng/ul
RT: 7.35 min Scan# 691
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion: 94 Resp: 35127

Ion	Ratio	Lower	Upper
94	100		
65	30.3	27.1	40.7
66	32.8	34.6	52.0#

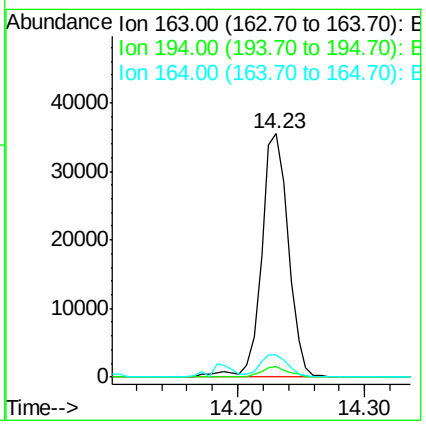


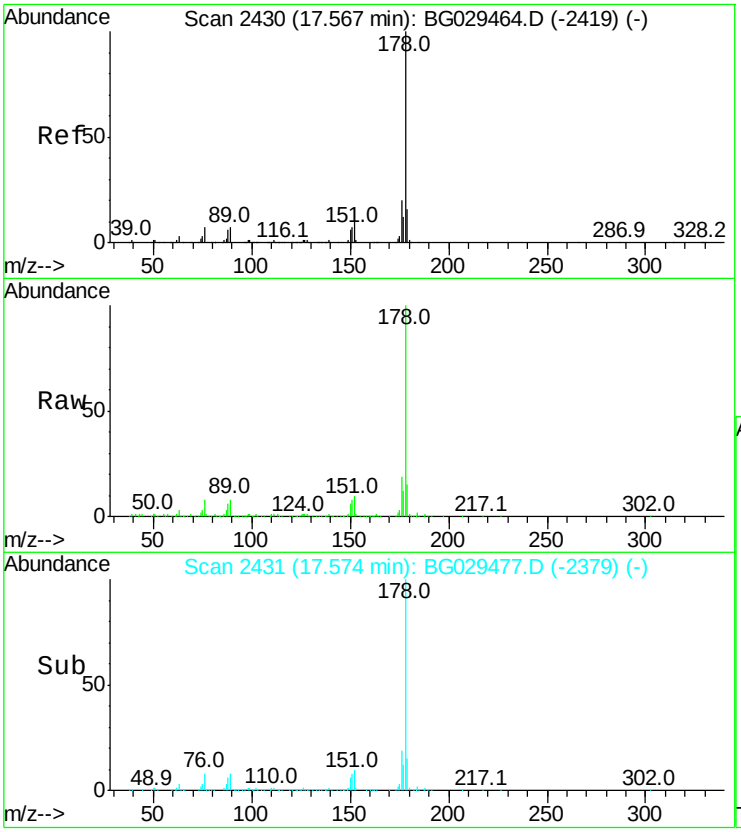


#44
Dimethylphthalate
Concen: 1.886 ng/ul
RT: 14.23 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:163 Resp: 52115

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.4	7.6	11.4



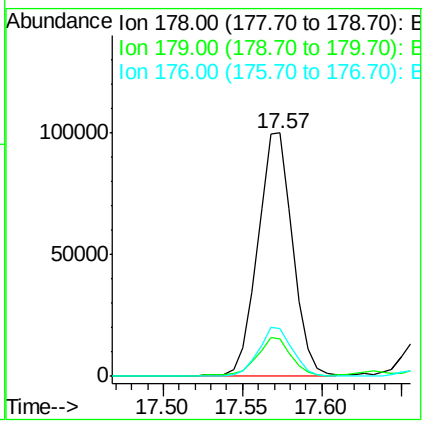


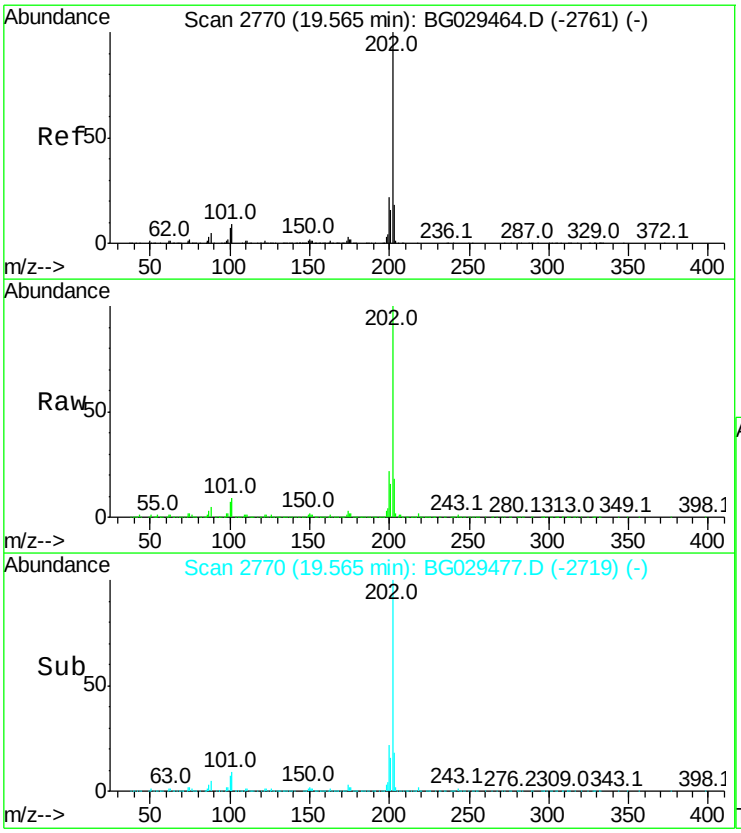
#69
Phenanthrene
Concen: 3.934 ng/ul
RT: 17.57 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion:178 Resp: 153182

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.6
176	19.5	15.3	22.9

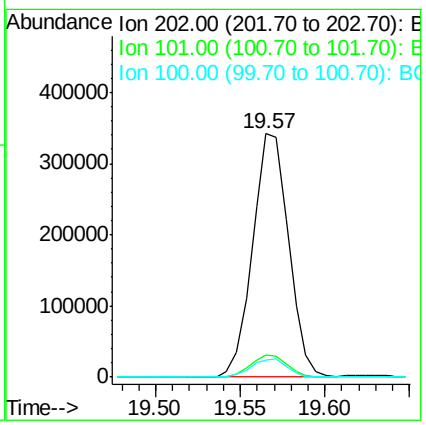


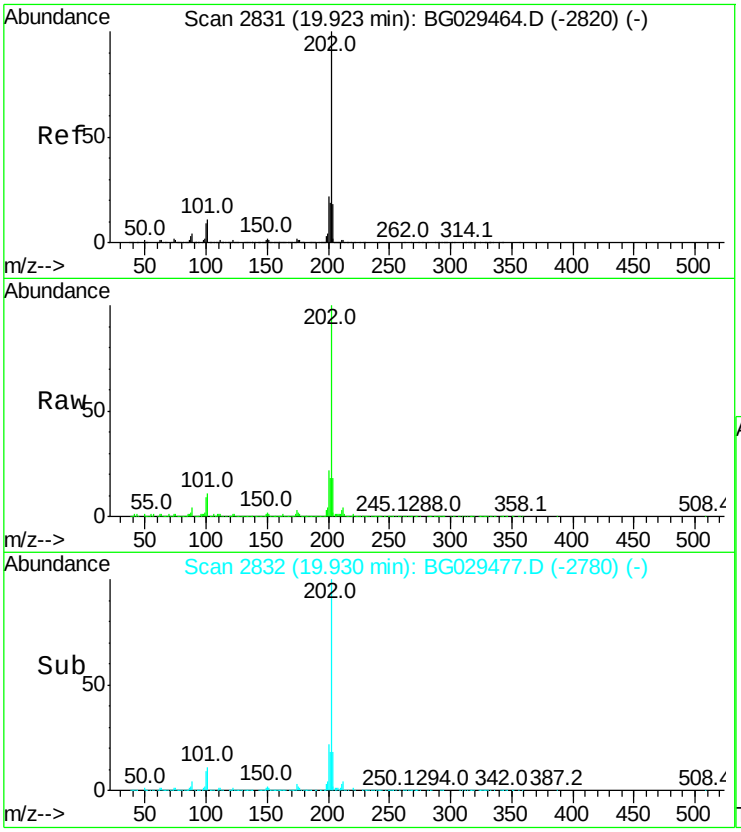


#74
Fluoranthene
Concen: 11.577 ng/ul
RT: 19.57 min Scan# 2770
Delta R.T. 0.00 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:202 Resp: 503798

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.4	11.2
100	7.2	5.6	8.4



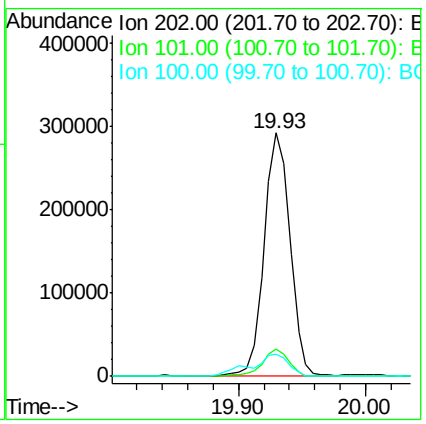


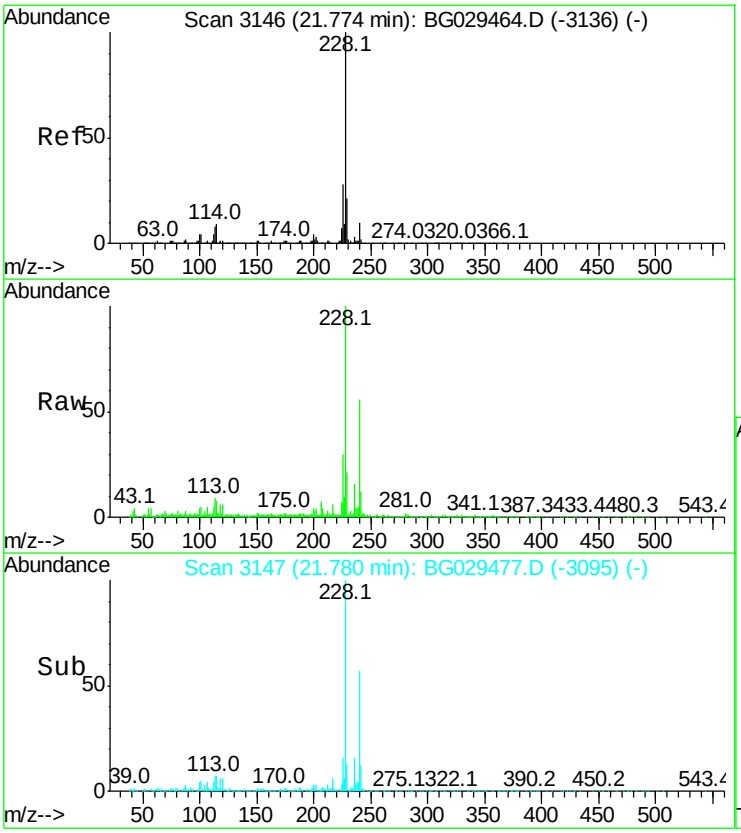
#77
Pyrene
Concen: 8.216 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion:202 Resp: 413315

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.4	12.6
100	9.3	7.0	10.6

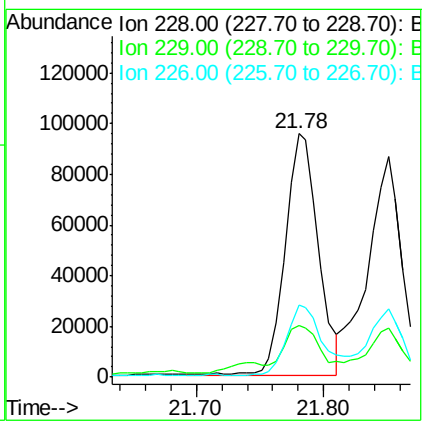


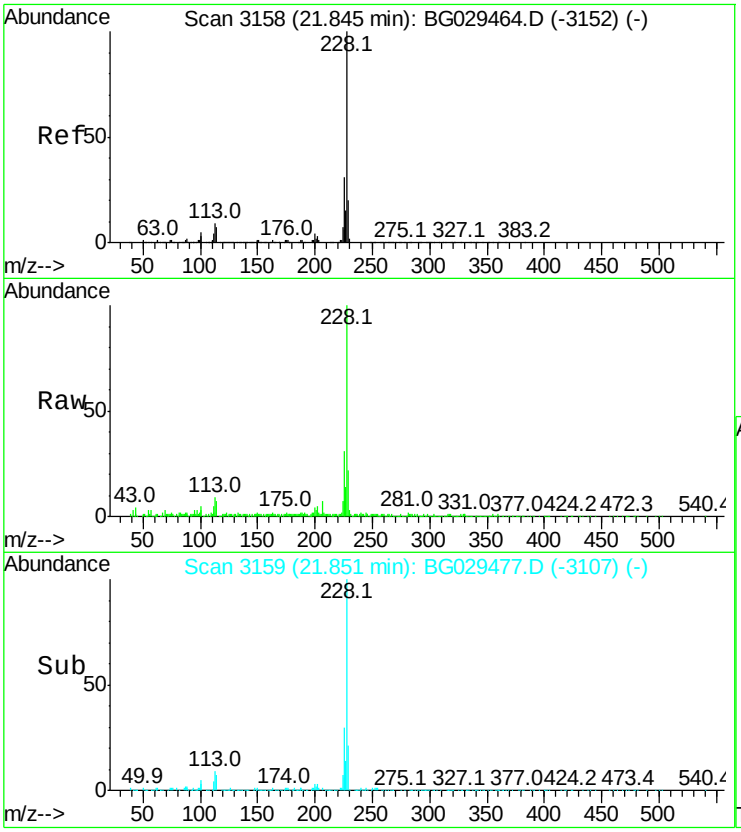


#80
Benzo(a)anthracene
Concen: 3.704 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:228 Resp: 174219

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.4
226	29.7	22.2	33.2



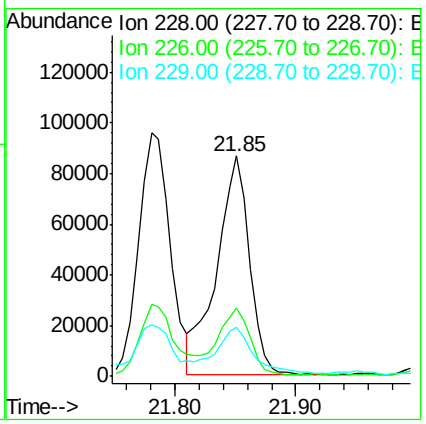


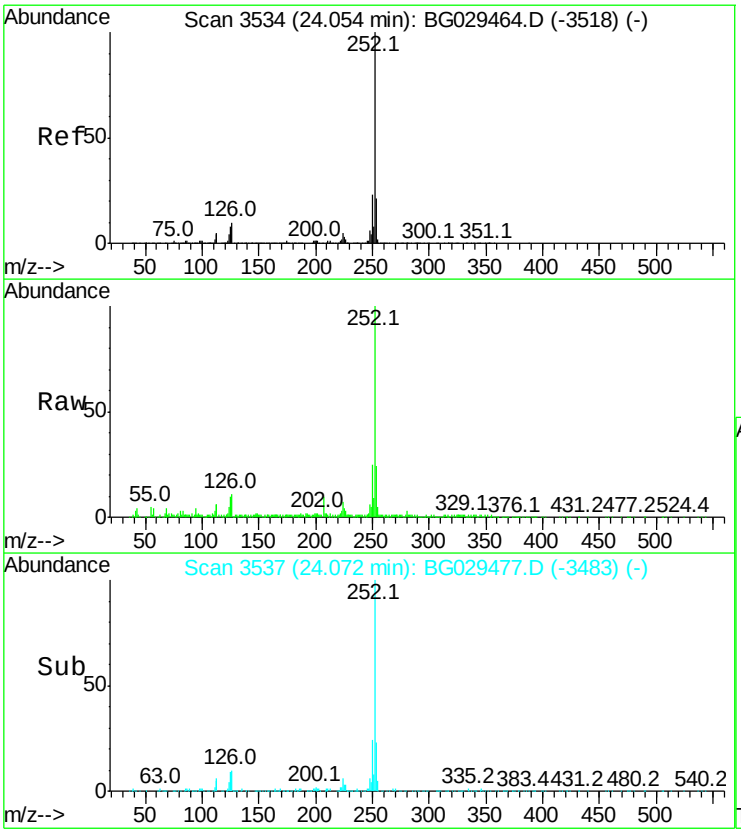
#82
Chrysene
Concen: 3.823 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion:228 Resp: 163412

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	22.2	15.2	22.8

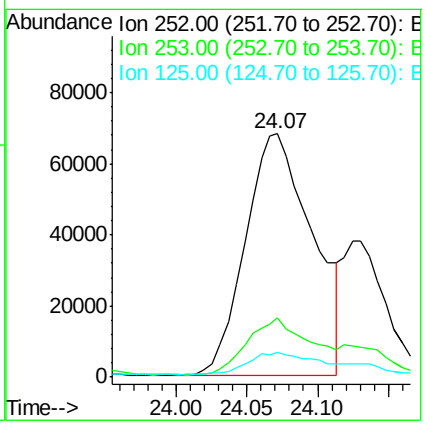


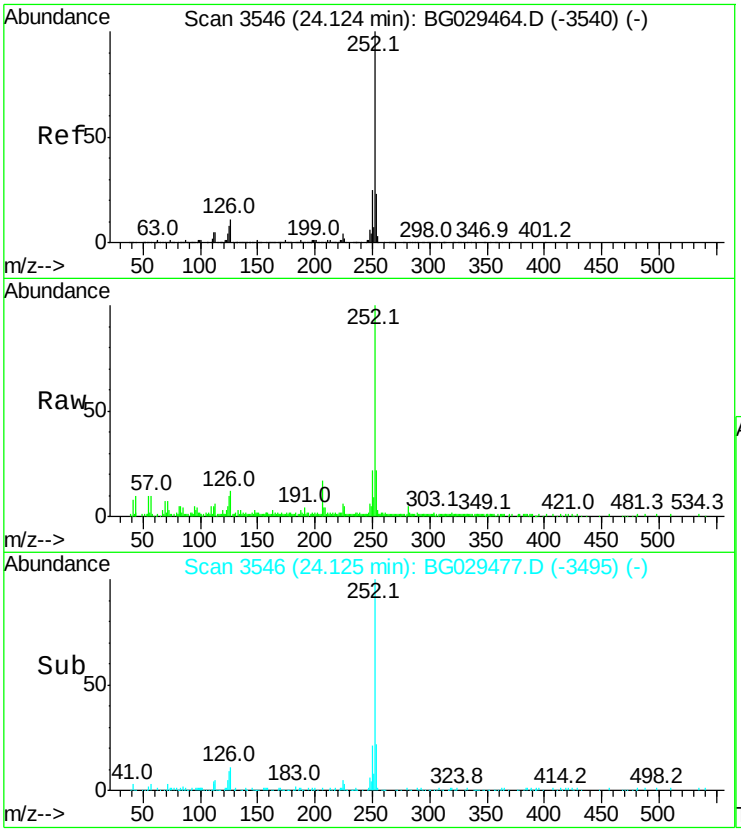


#85
Benzo(b)fluoranthene
Concen: 4.839 ng/ul
RT: 24.07 min Scan# 3537
Delta R.T. 0.02 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:252 Resp: 225837

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	10.2	7.5	11.3



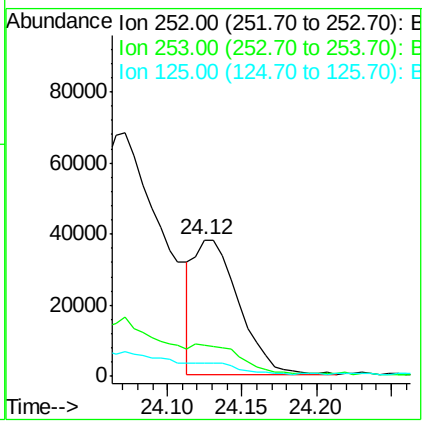


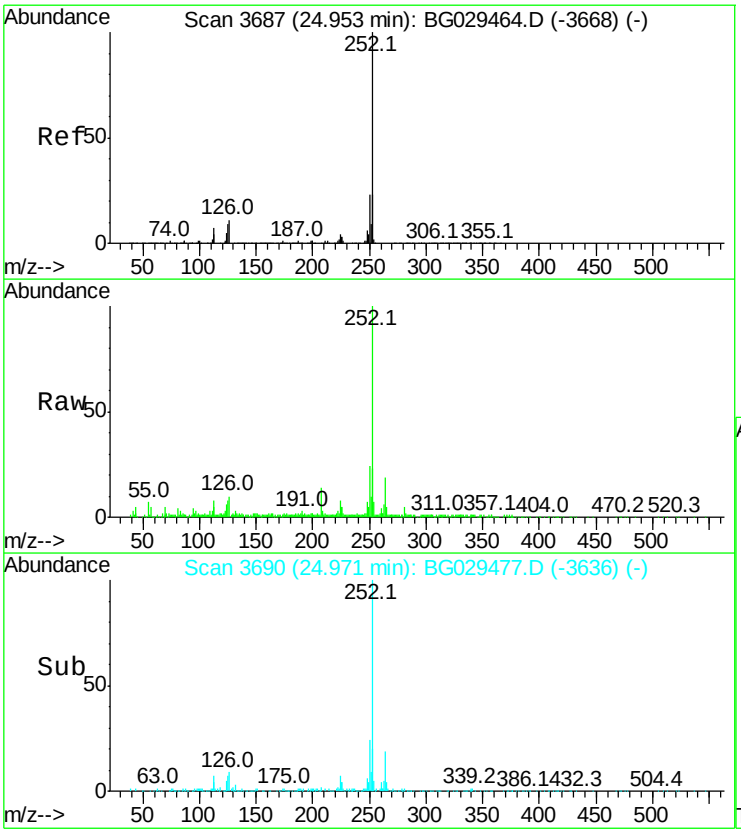
#86
Benzo(k)fluoranthene
Concen: 1.737 ng/ul
RT: 24.12 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion:252 Resp: 78371

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.2	7.8	11.8

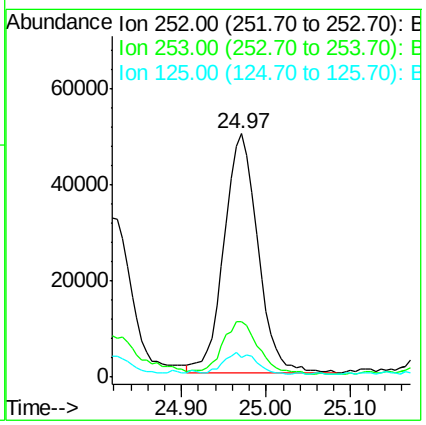


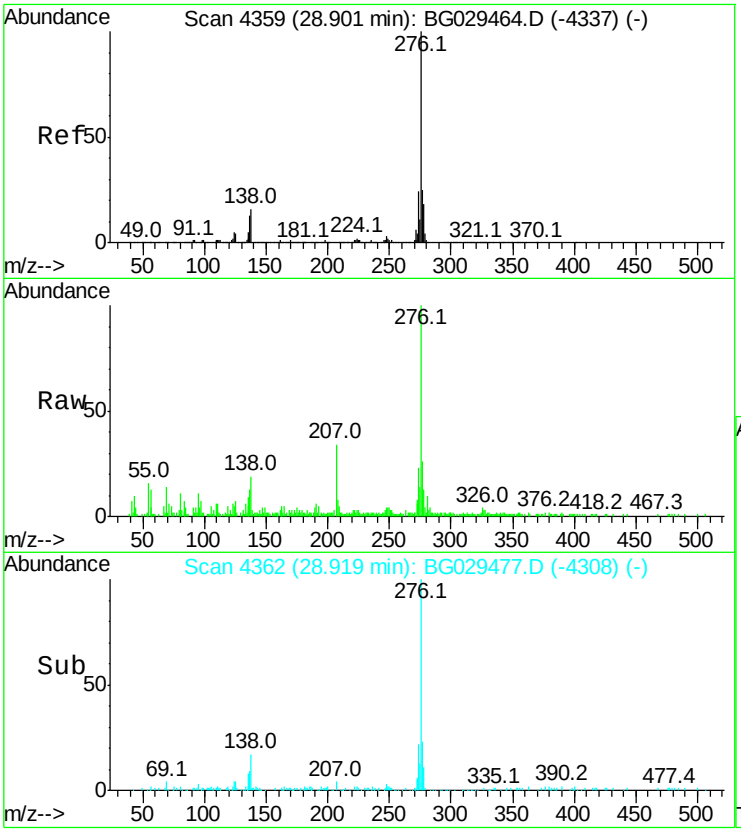


#88
Benzo(a)pyrene
Concen: 3.020 ng/ul
RT: 24.97 min Scan# 3690
Delta R.T. 0.02 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:252 Resp: 137200

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.2	7.8	11.8



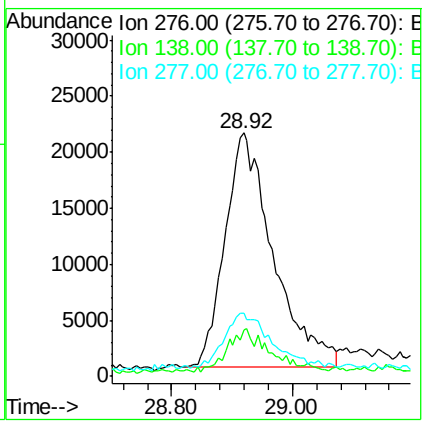


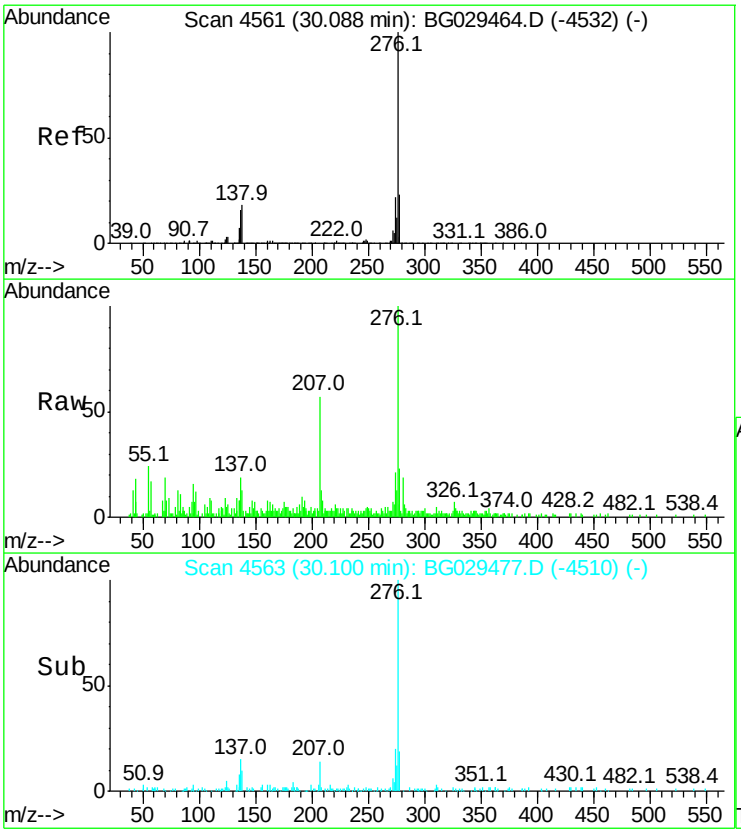
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.237 ng/ul
RT: 28.92 min Scan# 4362
Delta R.T. 0.02 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Instrument :
BNA_G
ClientSampleId :
B0D47

Tgt Ion:276 Resp: 114989

Ion	Ratio	Lower	Upper
276	100		
138	19.2	13.4	20.0
277	25.7	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 1.885 ng/ul
RT: 30.10 min Scan# 4563
Delta R.T. 0.01 min
Lab File: BG029477.D
Acq: 26 Oct 2017 14:17

Tgt Ion:276 Resp: 80306

Ion	Ratio	Lower	Upper
276	100		
138	12.8	12.1	18.1
277	23.5	17.7	26.5