Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025117.D
Acq On : 12 Dec 2016 16:46
Operator : UM/SJ
Sample : H5860-20 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8E6

Quant Time: Dec 13 00:33:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	90352	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	375985	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	311564	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	638232	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	735855	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	762403	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	1255	0.72	ng/uL	0.00
5) Phenol-d5	7.38	99	23807	3.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	16299	3.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	19263	3.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	22742	3.49	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	8578	3.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	10349	3.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	21506	3.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	11159	1.78	ng/ul	0.01
43) Dimethylphthalate-d6	14.26	166	76649	3.58	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	87162	3.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	3379	0.92	ng/ul	0.01
57) Fluorene-d10	15.85	176	76406	3.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	7895	2.00	ng/ul	0.00
70) Anthracene-d10	17.70	188	117157	4.35	ng/ul	0.00
76) Pyrene-d10	19.97	212	137526	4.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	132178	4.28	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	17.65	178	110030	3.61	ng/ul	94
74) Fluoranthene	19.64	202	275825	7.62	ng/ul	97
77) Pyrene	20.00	202	210849	5.96	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	90599	2.37	ng/ul	98
82) Chrysene	21.95	228	113126	3.16	ng/ul	99
85) Benzo(b)fluoranthene	24.22	252	191875	5.08	ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	172888	4.81	ng/ul#	92
88) Benzo(a)pyrene	25.16	252	83549	2.30	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.24	276	64147	1.42	ng/ul#	87

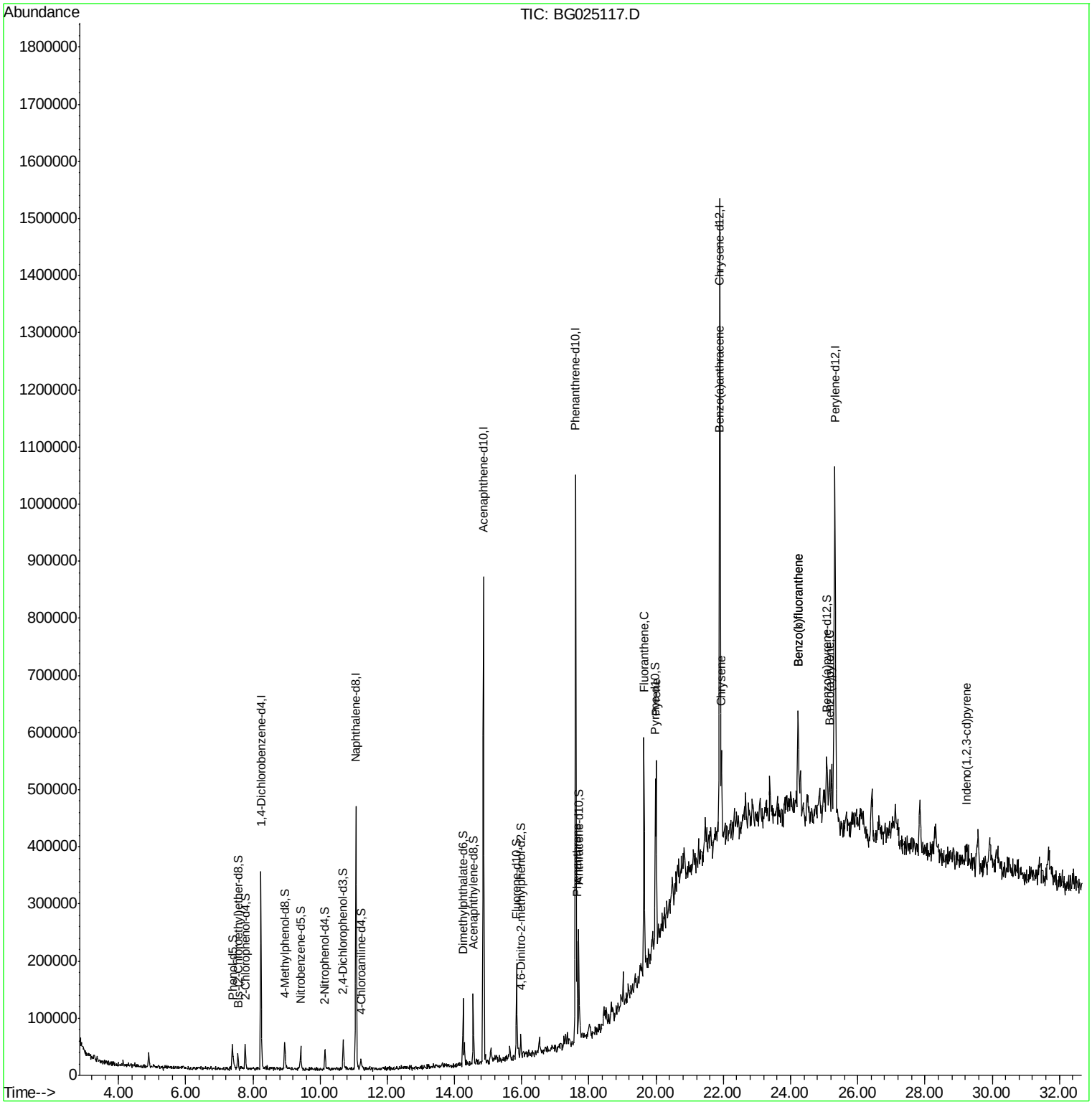
(#) = qualifier out of range (m) = manual integration (+) = signals summed

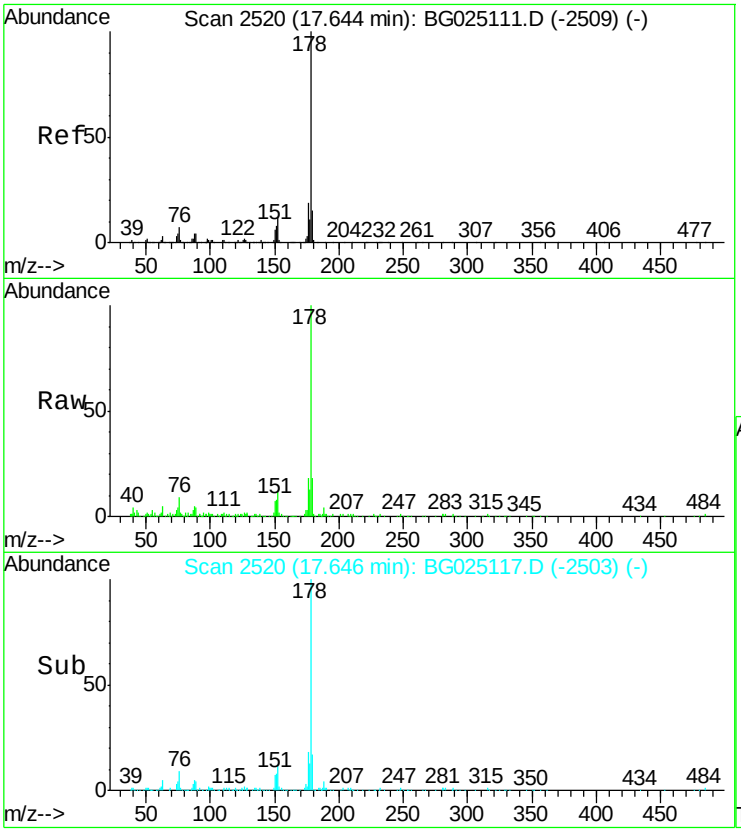
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025117.D
Acq On : 12 Dec 2016 16:46
Operator : UM/SJ
Sample : H5860-20 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA8E6

Quant Time: Dec 13 00:33:06 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 00:29:17 2016
Response via : Initial Calibration



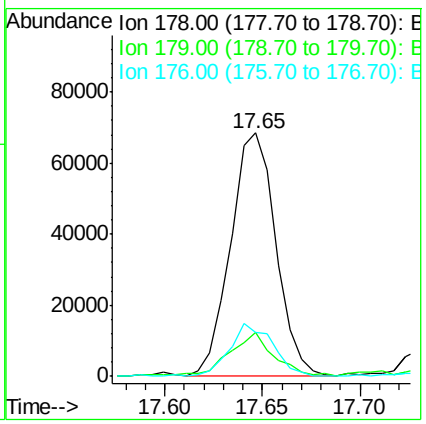


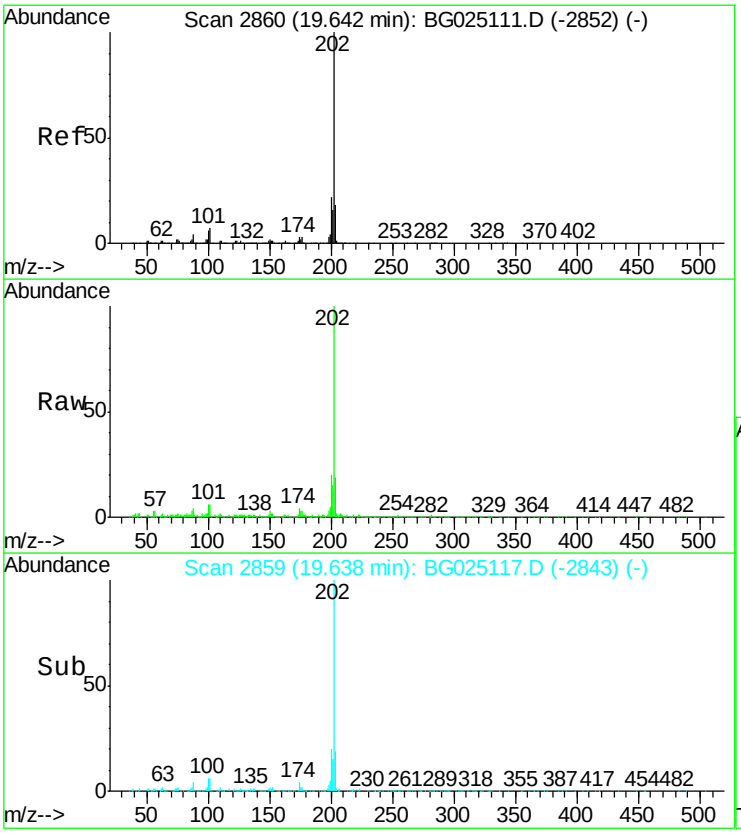
#69
Phenanthrene
Concen: 3.61 ng/ul
RT: 17.65 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tgt Ion:178 Resp: 110030

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.4	18.6
176	17.9	16.5	24.7

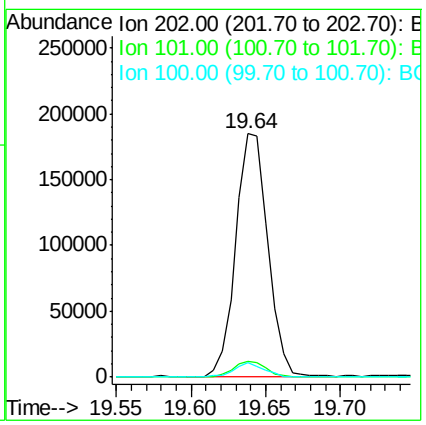


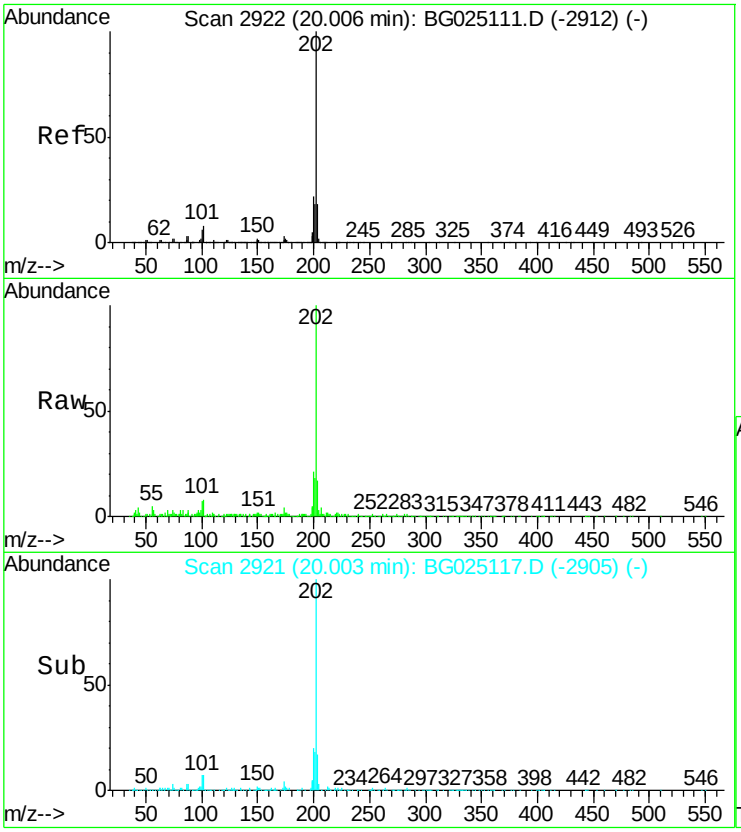


#74
Fluoranthene
Concen: 7.62 ng/ul
RT: 19.64 min Scan# 2859
Delta R.T. -0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Tgt Ion:202 Resp: 275825

Ion	Ratio	Lower	Upper
202	100		
101	6.4	6.2	9.2
100	5.8	5.2	7.8



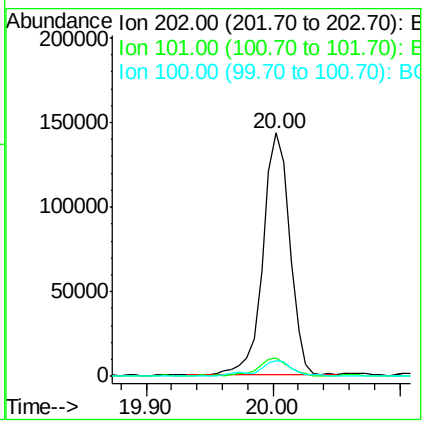


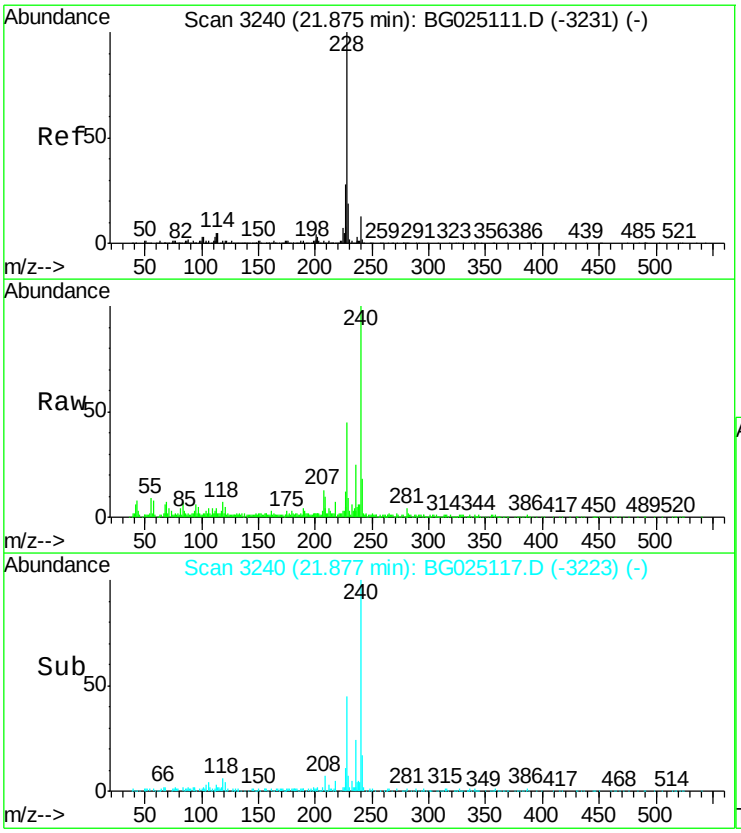
#77
Pyrene
Concen: 5.96 ng/ul
RT: 20.00 min Scan# 2921
Delta R.T. -0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tgt Ion:202 Resp: 210849

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	6.6	6.6	10.0#

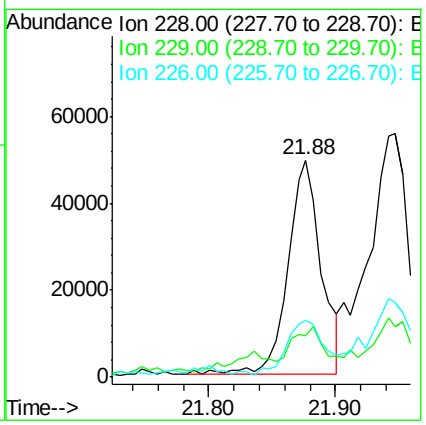


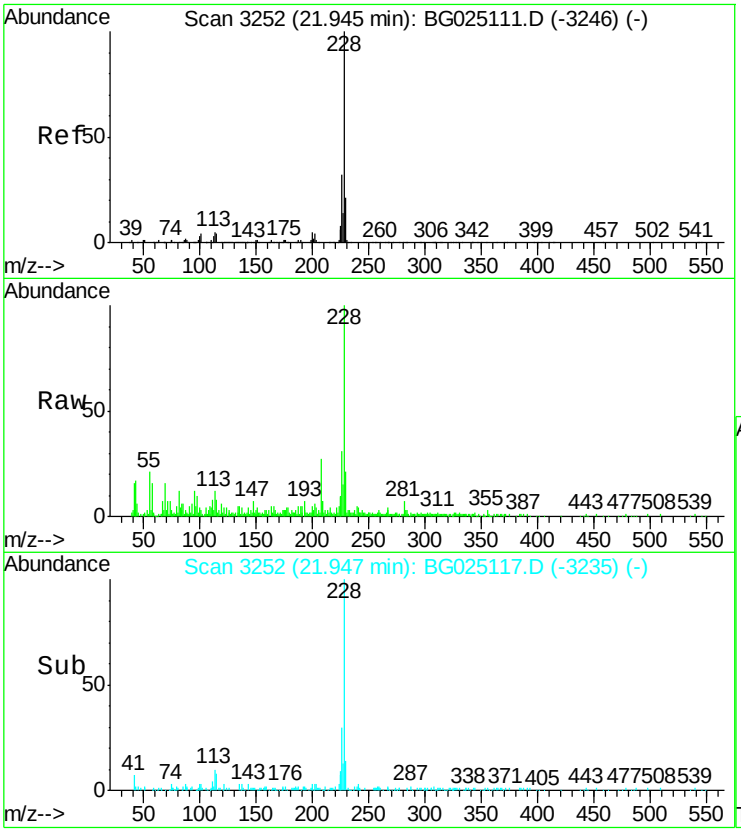


#80
Benzo(a)anthracene
Concen: 2.37 ng/ul
RT: 21.88 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Tgt Ion:228 Resp: 90599

Ion	Ratio	Lower	Upper
228	100		
229	19.0	16.3	24.5
226	26.4	21.9	32.9



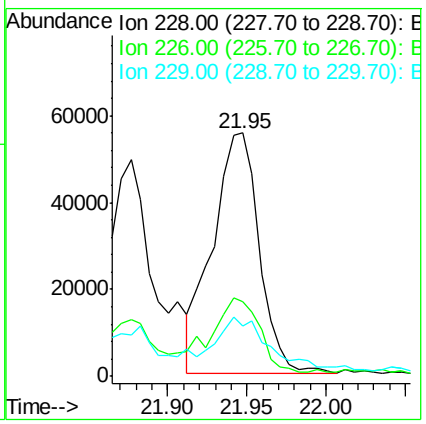


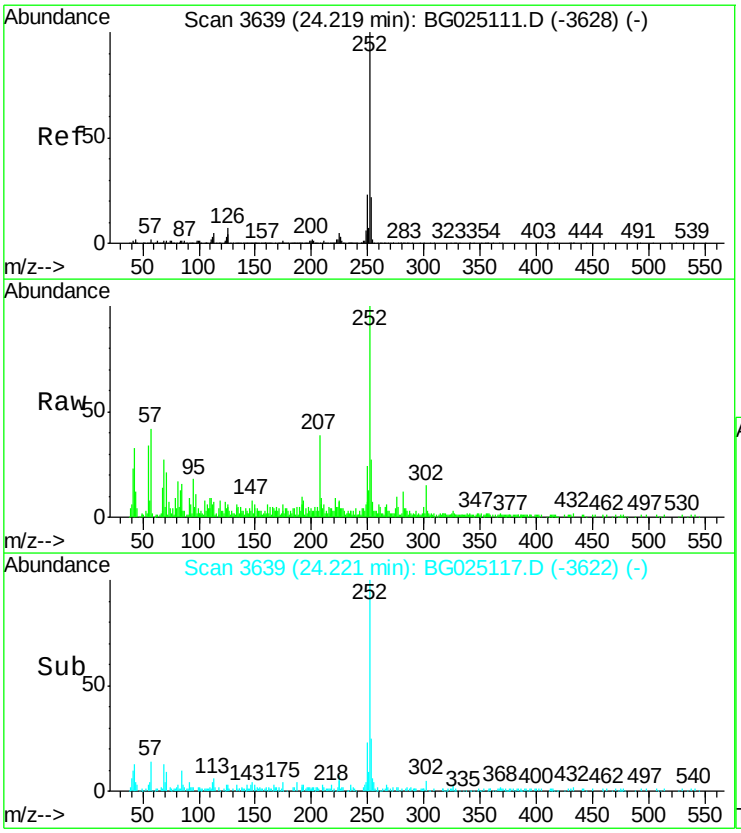
#82
Chrysene
Concen: 3.16 ng/ul
RT: 21.95 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tgt Ion:228 Resp: 113126

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	20.6	16.9	25.3

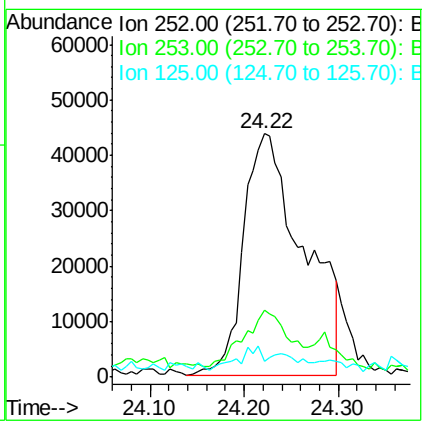


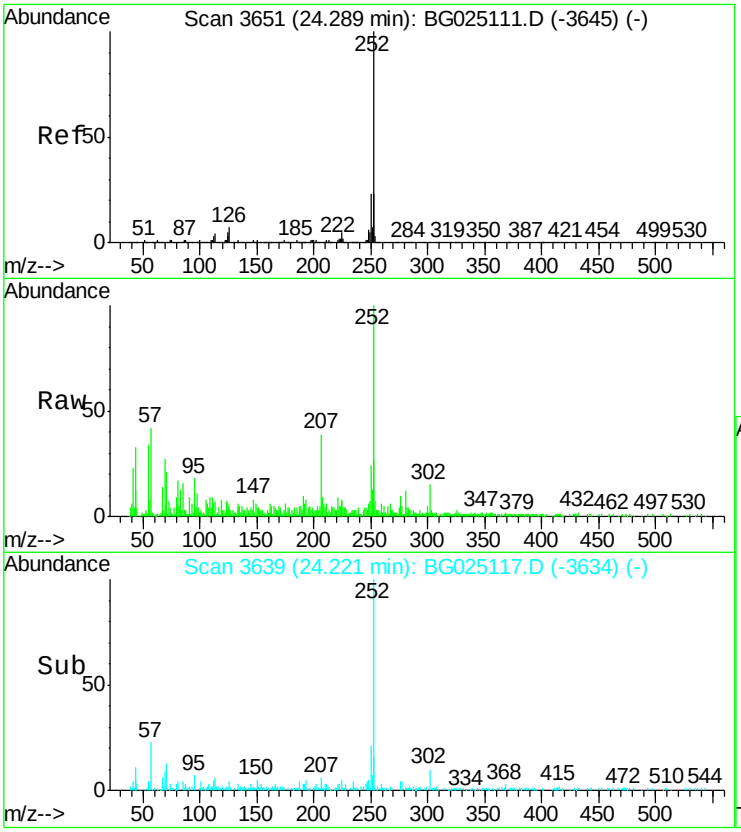


#85
Benzo(b)fluoranthene
Concen: 5.08 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. 0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Tgt Ion:252 Resp: 191875

Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.7	26.5#
125	6.3	4.0	6.0#



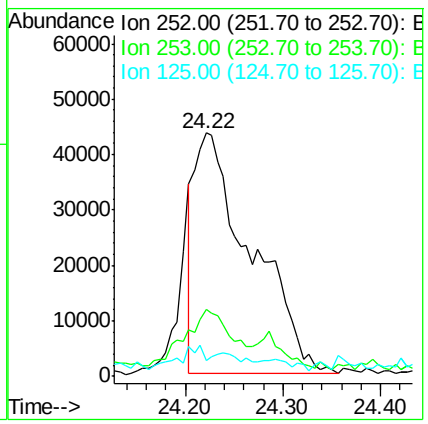


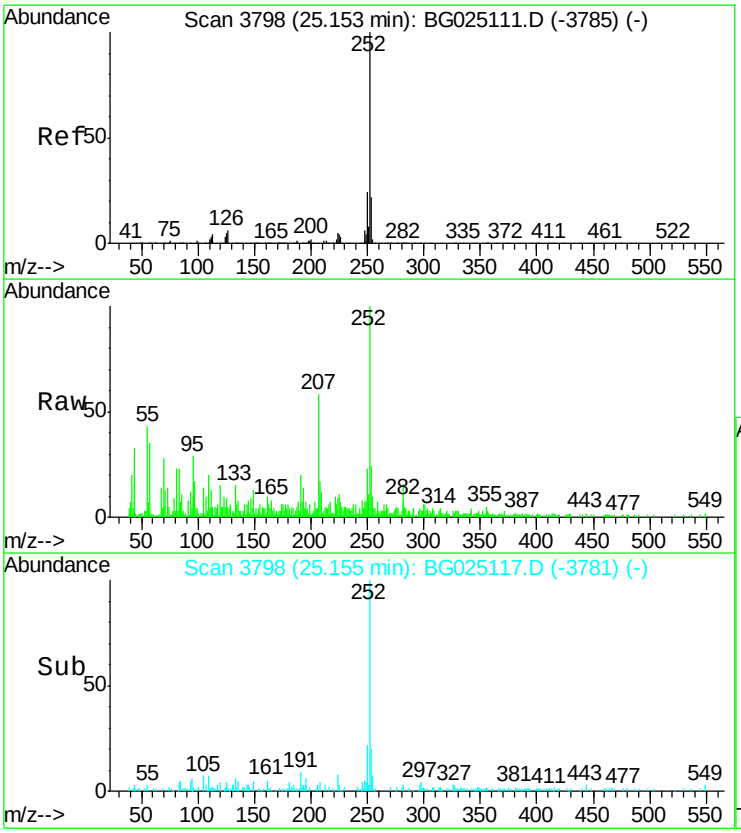
#86
Benzo(k)fluoranthene
Concen: 4.81 ng/ul
RT: 24.22 min Scan# 3639
Delta R.T. -0.07 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tgt Ion:252 Resp: 172888

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.5	27.7
125	6.3	4.1	6.1#

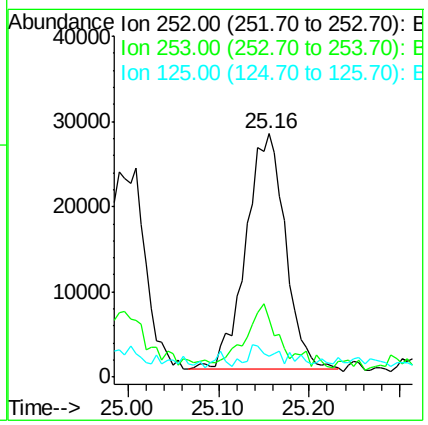


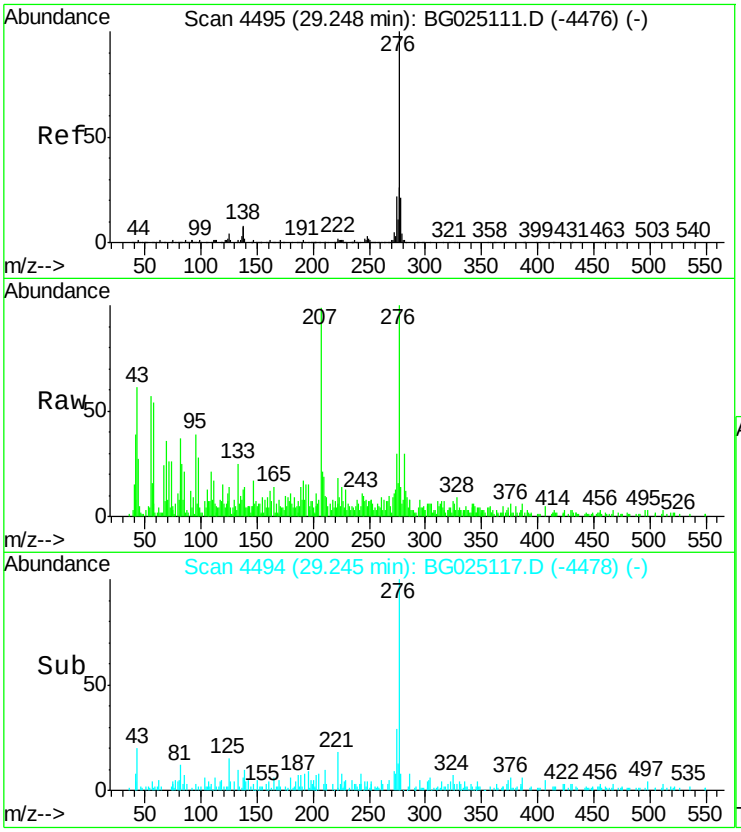


#88
Benzo(a)pyrene
Concen: 2.30 ng/ul
RT: 25.16 min Scan# 3798
Delta R.T. 0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Tgt Ion:252 Resp: 83549

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	8.8	5.4	8.0#





#89
Indeno(1,2,3-cd)pyrene
Concen: 1.42 ng/ul
RT: 29.24 min Scan# 4494
Delta R.T. -0.00 min
Lab File: BG025117.D
Acq: 12 Dec 2016 16:46

Instrument :
BNA_G
ClientSampleId :
DA8E6

Tgt Ion:276 Resp: 64147

Ion	Ratio	Lower	Upper
276	100		
138	14.2	8.2	12.4#
277	16.4	18.6	28.0#