Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
Data File : BG029186.D
Acq On : 12 Oct 2017 4:42
Operator : SJ/JU
Sample : I5669-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CB3J5

Quant Time: Oct 12 10:31:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101117.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 11 04:24:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	47900	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	272666	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	141748	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	319252	20.00	ng/ul	0.00
18) Chrysene-d12	21.84	240	347647	20.00	ng/ul	-0.01
23) Perylene-d12	25.19	264	350195	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.64	165	66699	12.80	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	241383	16.99	ng/ul	0.00
10) Fluorene-d10	15.81	176	182524	16.37	ng/ul	0.00
15) Anthracene-d10	17.66	188	276317	17.51	ng/ul	0.00
19) Pyrene-d10	19.93	212	372507	20.39	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	295414	16.86	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.60	178	24674	1.427	ng/ul	98
17) Fluoranthene	19.60	202	63919	3.141	ng/ul#	94
20) Pyrene	19.96	202	57599	2.733	ng/ul#	94
21) Benzo(a)anthracene	21.82	228	29725	1.403	ng/ul	98
22) Chrysene	21.89	228	26643	1.394	ng/ul	97
24) Benzo(b)fluoranthene	24.13	252	37089	1.719	ng/ul	98
27) Benzo(a)pyrene	25.03	252	21884	1.039	ng/ul#	97

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

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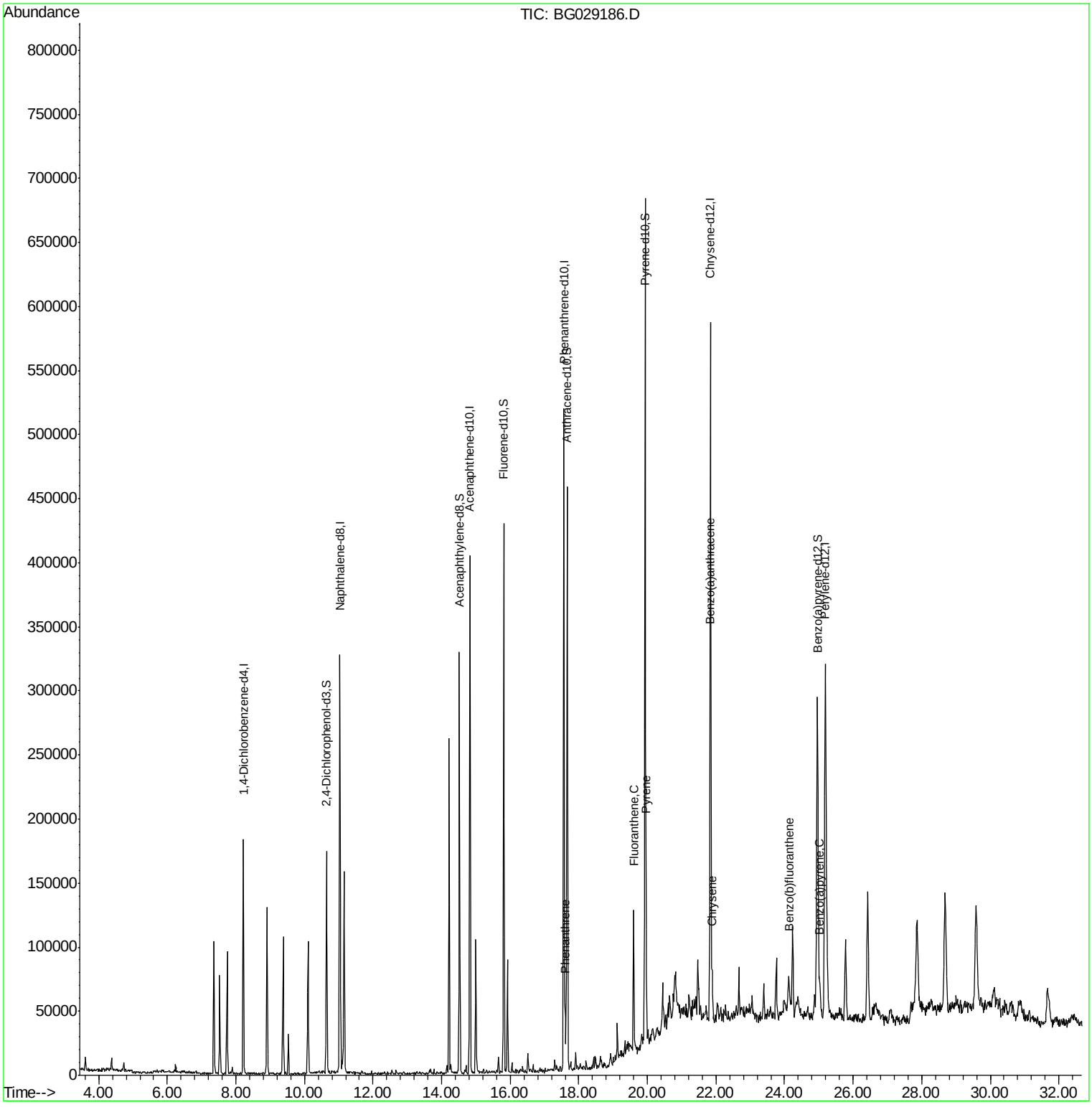
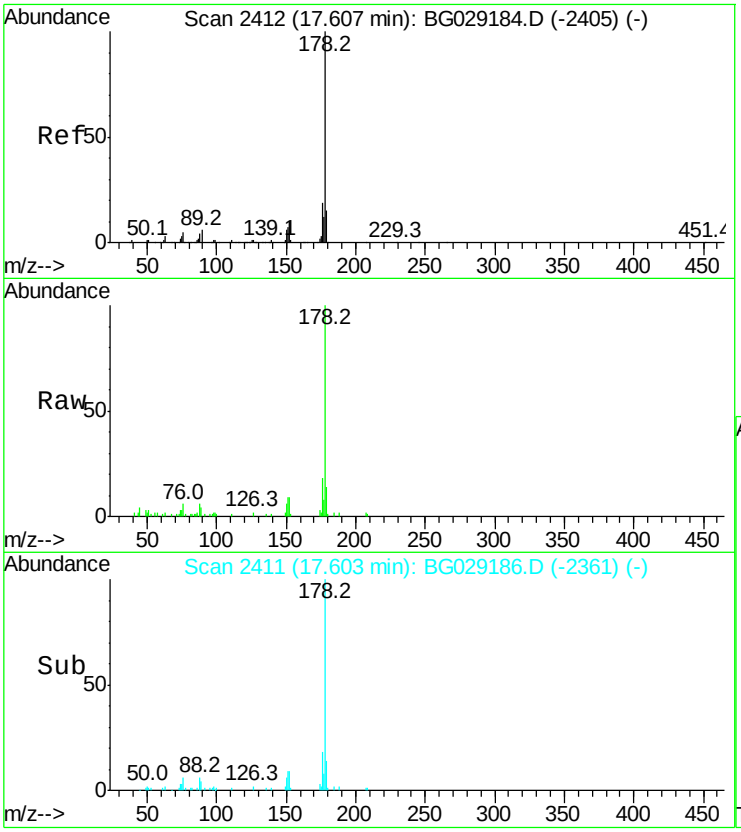


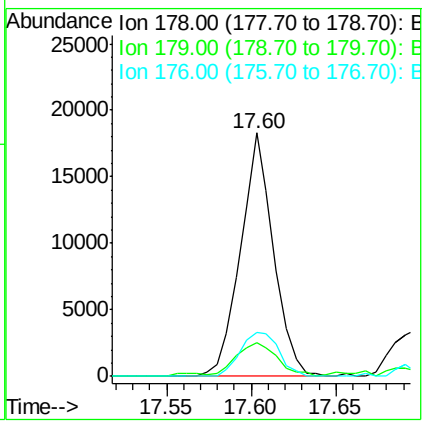


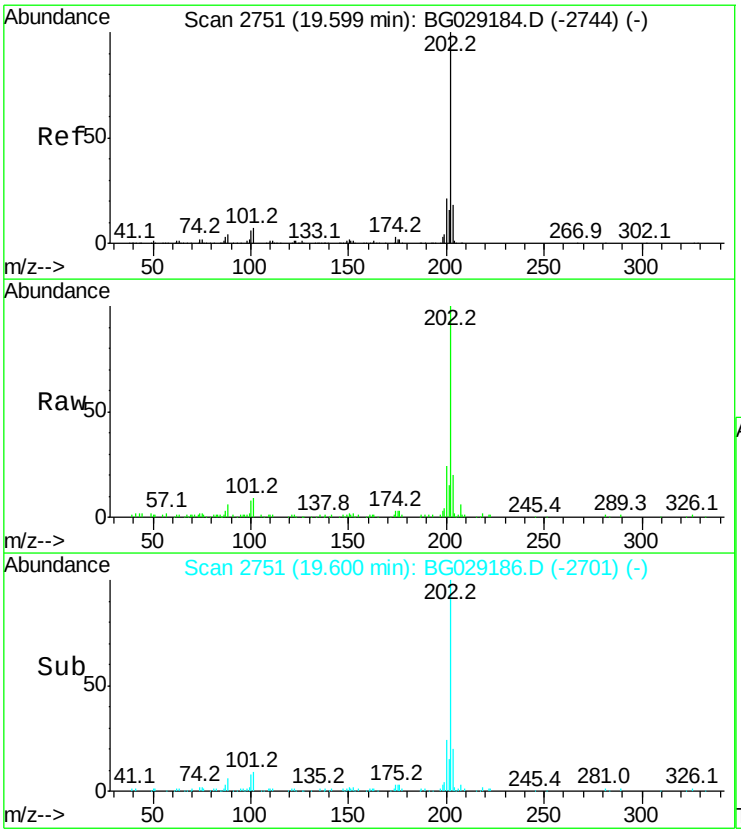
#14
Phenanthrene
Concen: 1.427 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Instrument :
BNA_G
ClientSampleId :
CB3J5

Tgt Ion:178 Resp: 24674

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.2	18.2
176	17.9	15.0	22.6

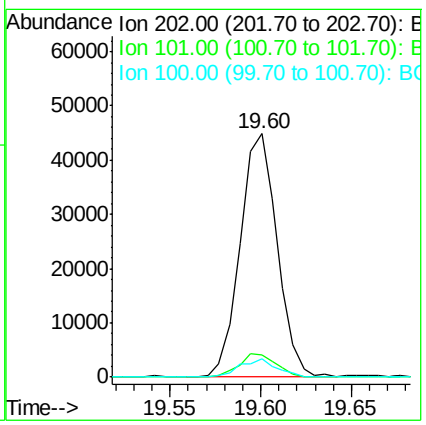


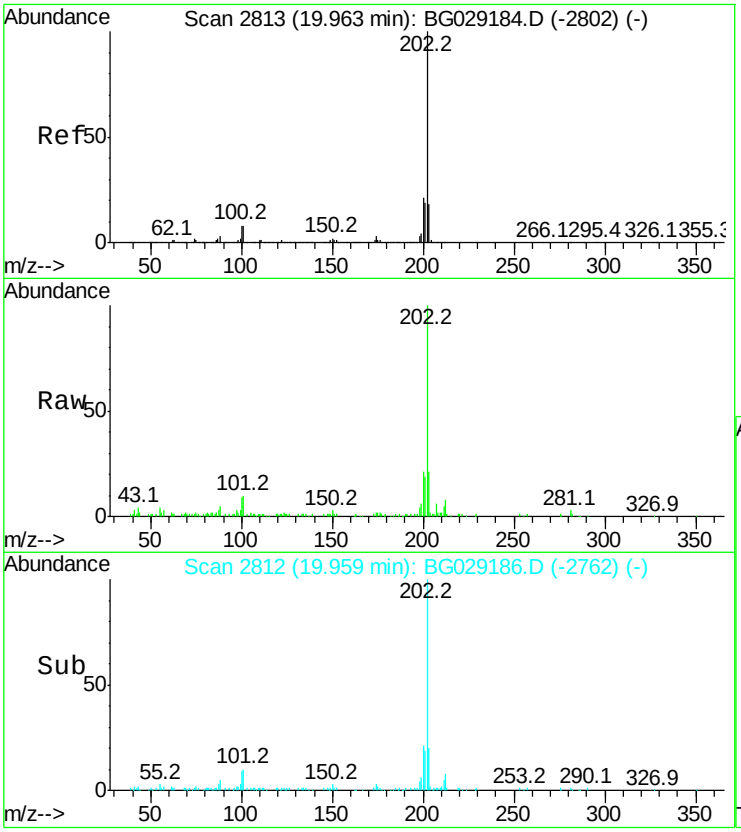


#17
Fluoranthene
Concen: 3.141 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Tgt Ion:202 Resp: 63919

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.6	8.4#
100	7.7	4.7	7.1#



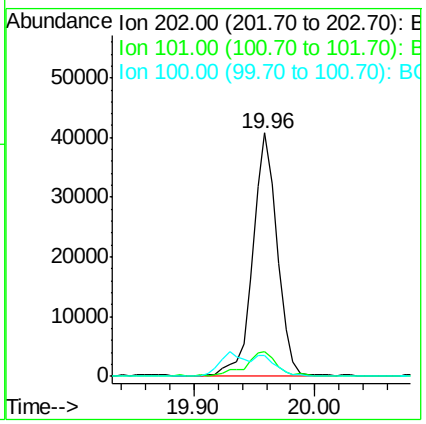


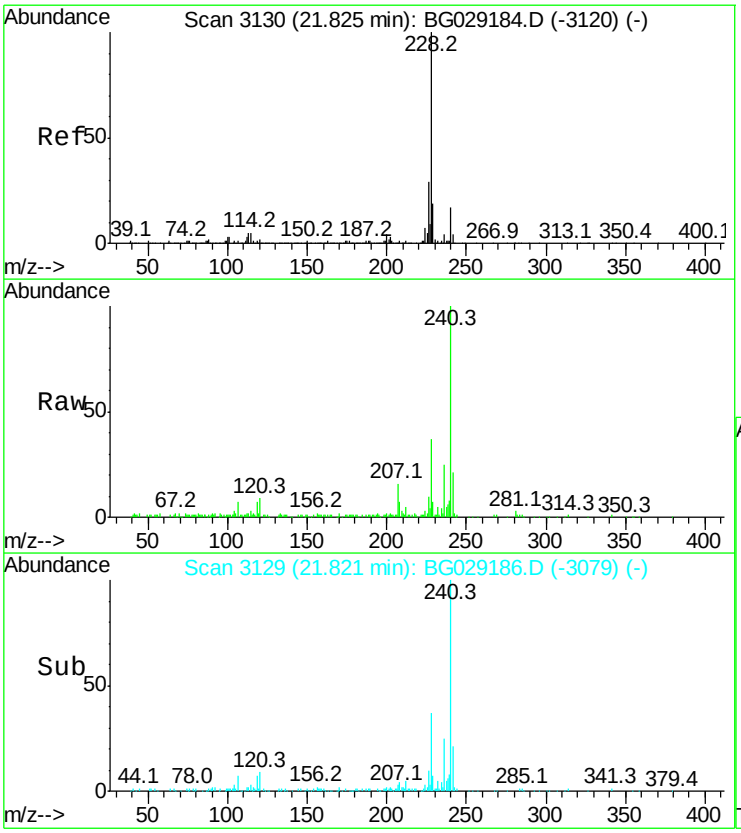
#20
Pyrene
Concen: 2.733 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Instrument :
BNA_G
ClientSampleId :
CB3J5

Tgt Ion:202 Resp: 57599

Ion	Ratio	Lower	Upper
202	100		
101	10.0	6.5	9.7#
100	8.8	5.5	8.3#

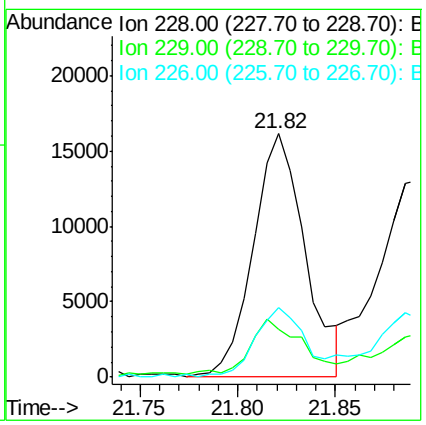


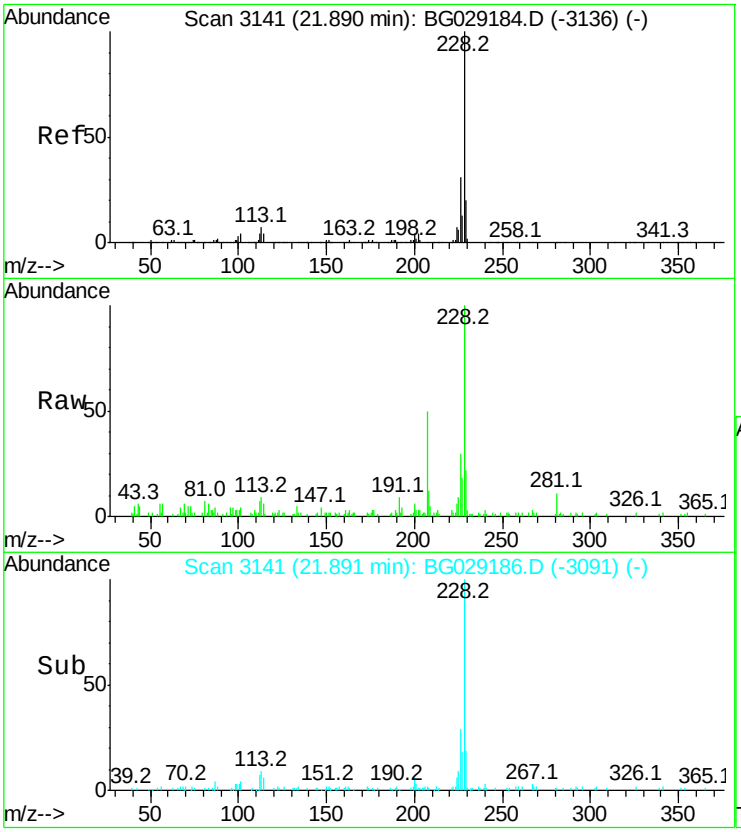


#21
Benzo(a)anthracene
Concen: 1.403 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Tgt Ion:228 Resp: 29725

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	28.5	21.6	32.4



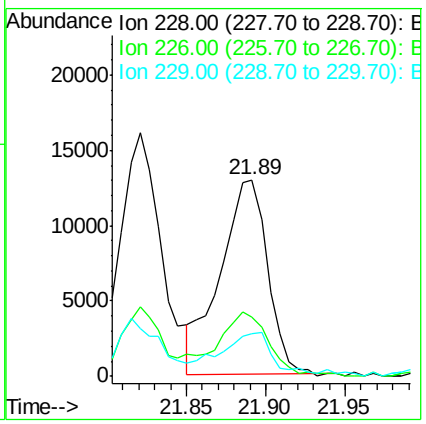


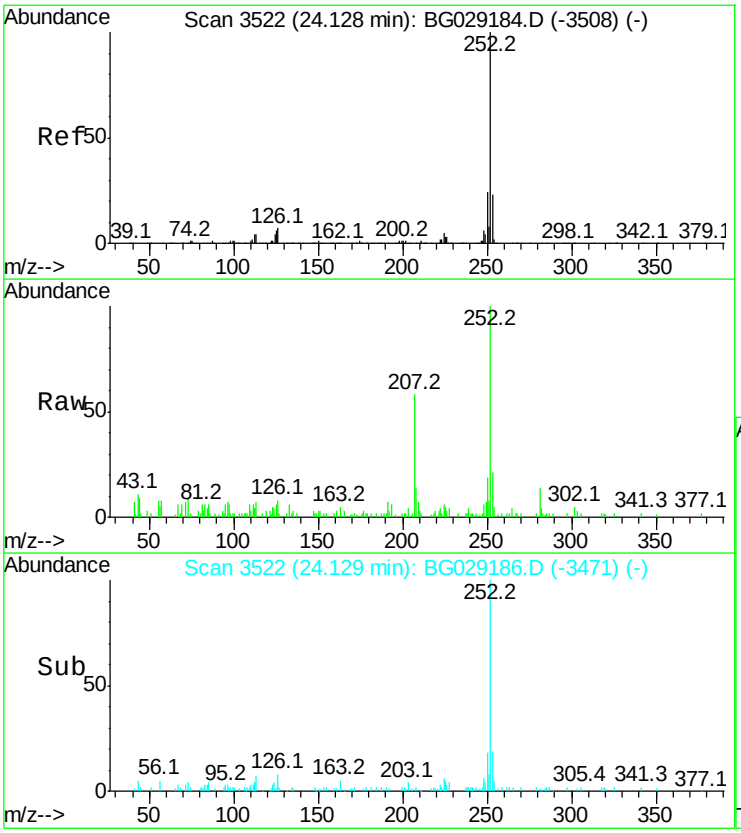
#22
Chrysene
Concen: 1.394 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Instrument :
BNA_G
ClientSampleId :
CB3J5

Tgt Ion:228 Resp: 26643

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	21.9	15.7	23.5

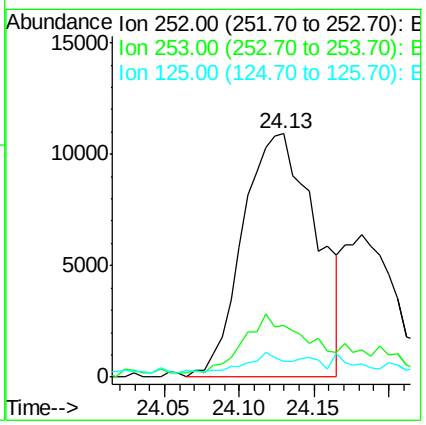


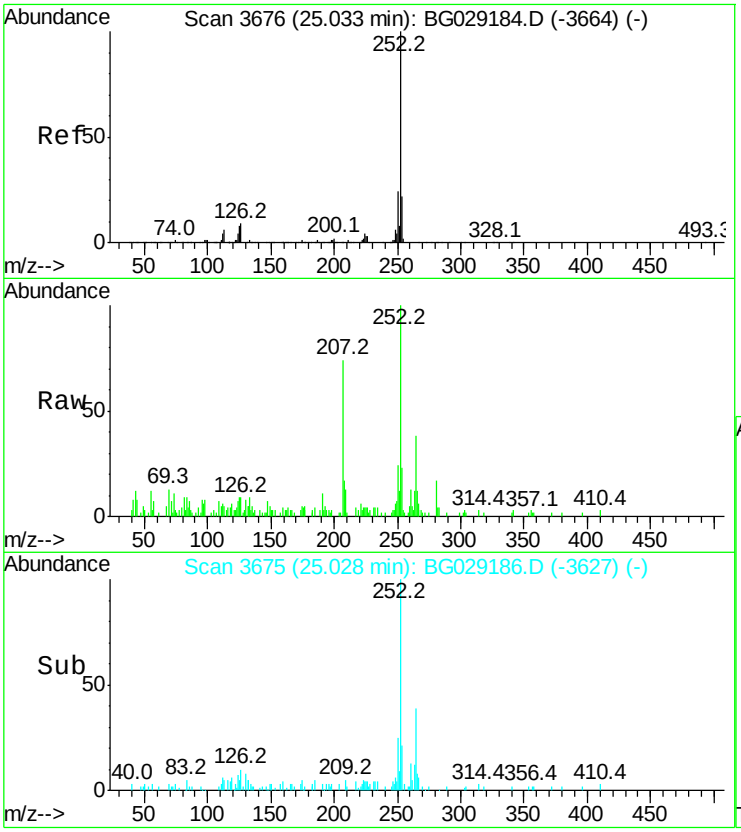


#24
Benzo(b)fluoranthene
Concen: 1.719 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. 0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Tgt Ion:252 Resp: 37089

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	6.3	4.5	6.7





#27
Benzo(a)pyrene
Concen: 1.039 ng/ul
RT: 25.03 min Scan# 3675
Delta R.T. -0.02 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Instrument :
BNA_G
ClientSampleId :
CB3J5

Tgt Ion:252 Resp: 21884

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.9	5.4	8.2#