Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029123.D
Acq On : 10 Oct 2017 1:18
Operator : SJ/JU
Sample : I5576-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DAEA1

Quant Time: Oct 10 06:36:11 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 06:24:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	59942	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	254393	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	152050	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	387199	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	405277	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	417190	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	361835	22.88	ng/ul	0.00
10) Fluorene-d10	15.82	176	366877	31.99	ng/ul	0.00
14) Anthracene-d10	17.67	188	482705	25.74	ng/ul	0.00
18) Pyrene-d10	19.93	212	581363	28.04	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	529465	26.49	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.08	128	27434	2.072	ng/ul#	95
4) 2-Methylnaphthalene	12.67	142	13305	1.324	ng/ul	95
13) Phenanthrene	17.61	178	107134	5.187	ng/ul	95
19) Pyrene	19.96	202	132806	5.257	ng/ul#	89
20) Benzo(a)anthracene	21.82	228	92759	3.886	ng/ul	94
21) Chrysene	21.89	228	109508	5.011	ng/ul	97
23) Benzo(b)fluoranthene	24.13	252	166606	6.676	ng/ul#	97
26) Benzo(a)pyrene	24.89	252	64386	2.656	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	29.03	276	67355	2.448	ng/ul#	91
29) Benzo(g,h,i)perylene	30.23	276	60557	2.669	ng/ul#	93

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

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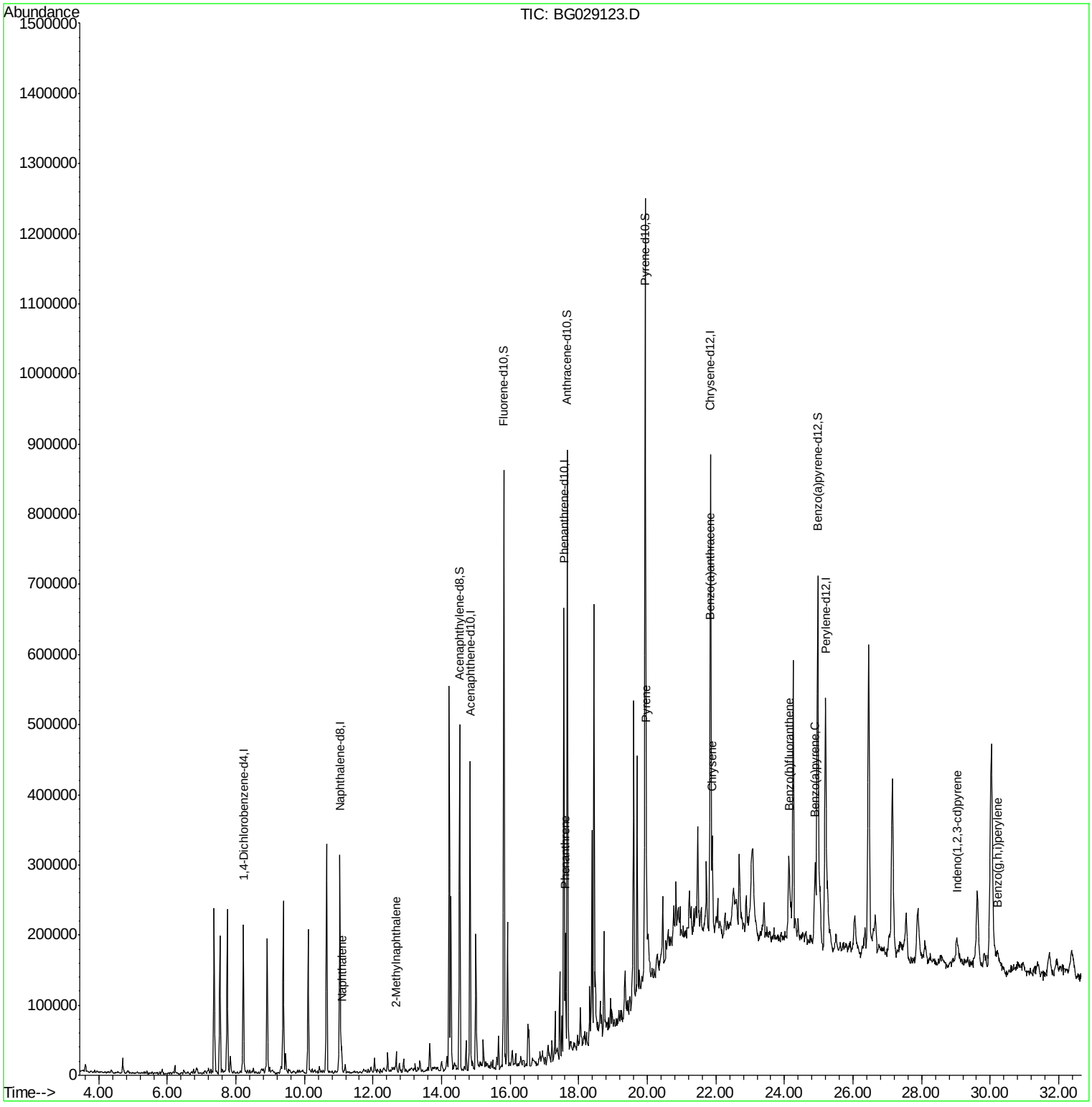
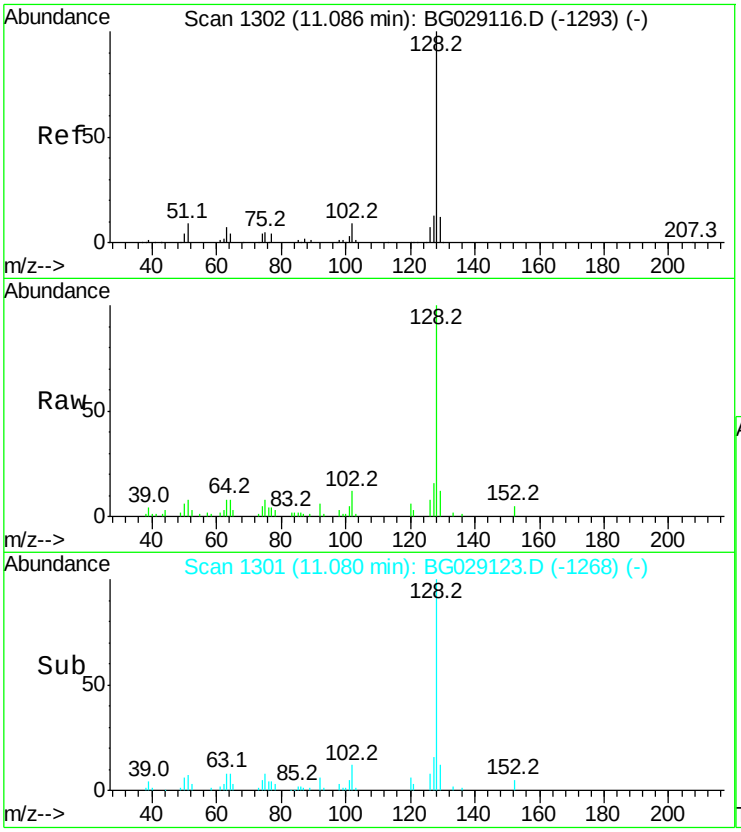


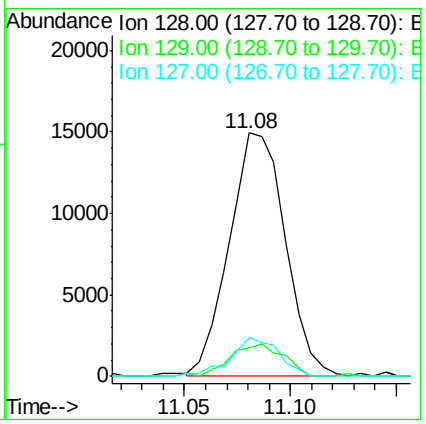


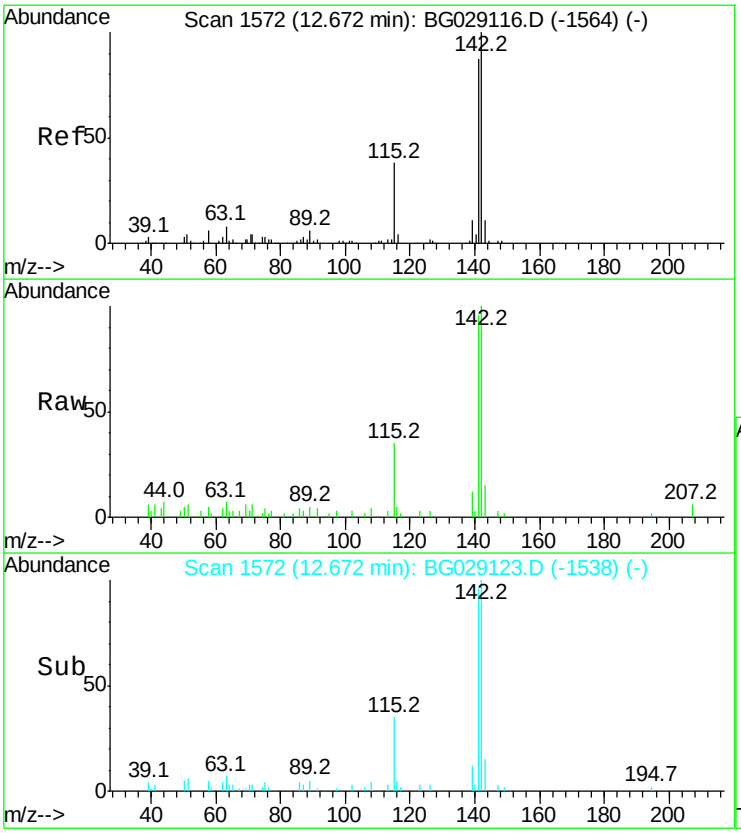
#3
Naphthalene
Concen: 2.072 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tgt Ion:128 Resp: 27434

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.7	13.1
127	16.1	10.6	16.0#

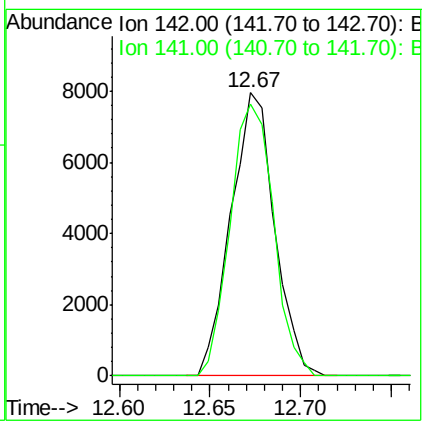


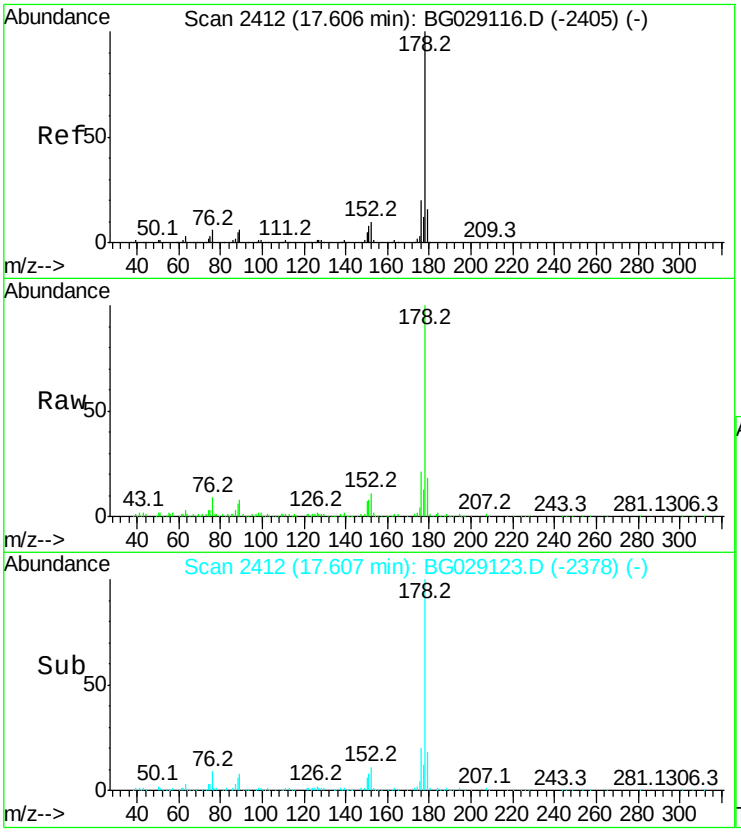


#4
2-Methylnaphthalene
Concen: 1.324 ng/ul
RT: 12.67 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion:142 Resp: 13305

Ion	Ratio	Lower	Upper
142	100		
141	96.1	72.7	109.1



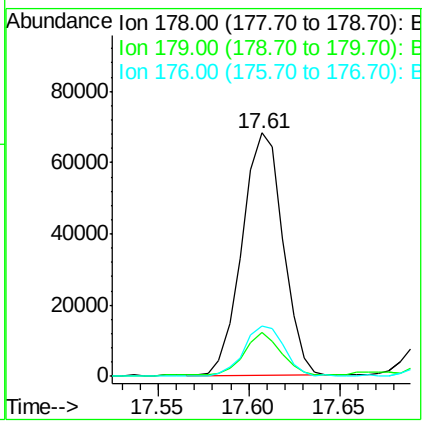


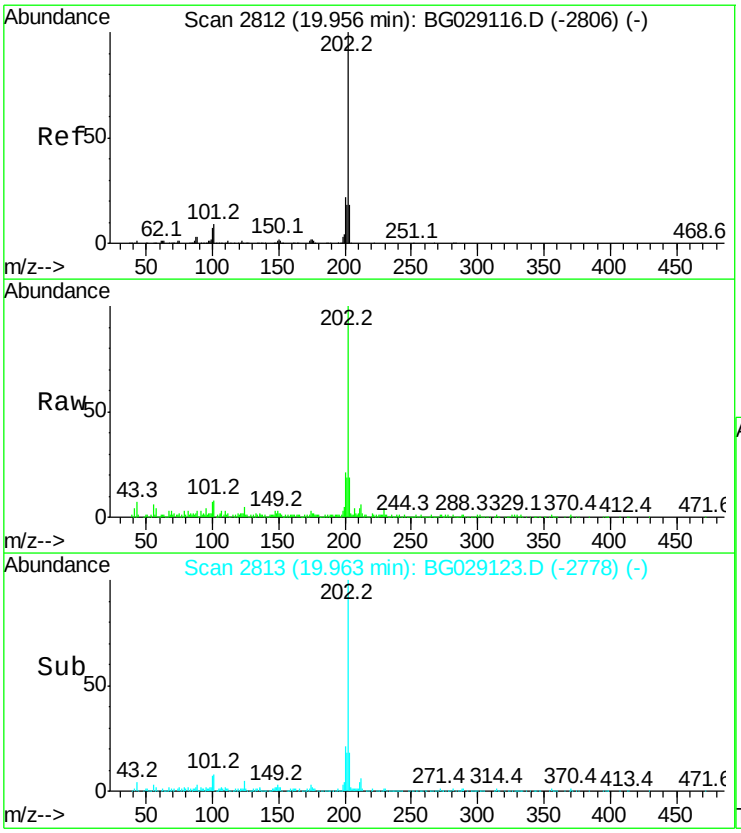
#13
Phenanthrene
Concen: 5.187 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tgt Ion:178 Resp: 107134

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.3	18.5
176	20.7	15.1	22.7

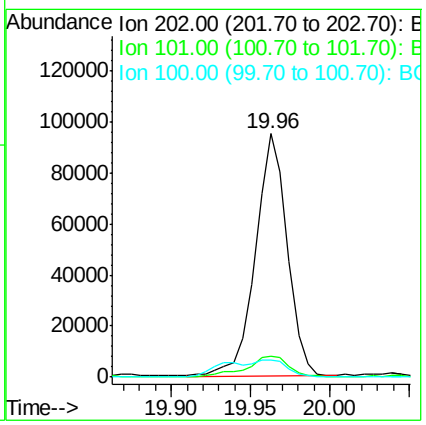


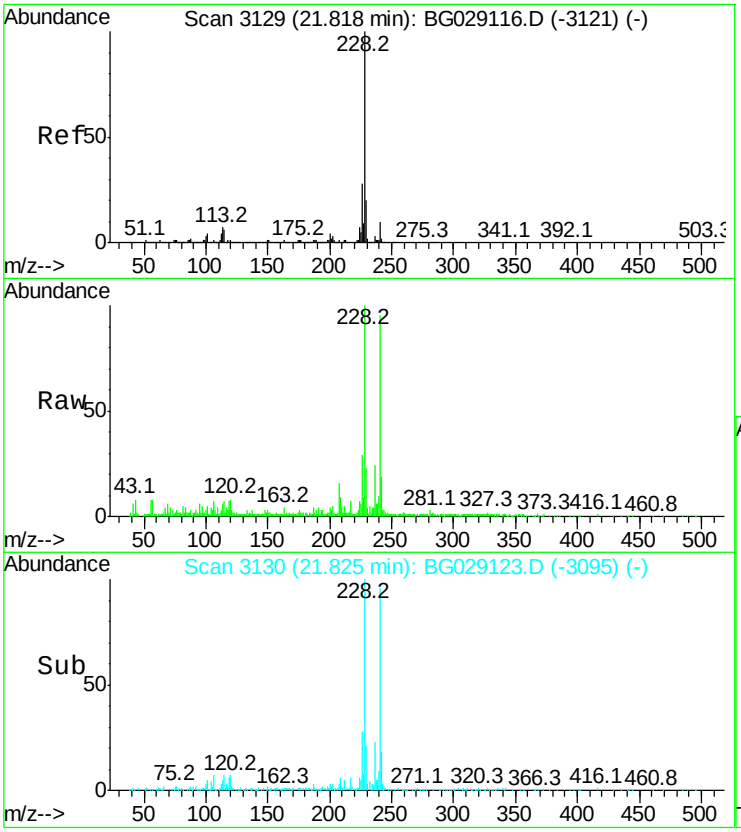


#19
Pyrene
Concen: 5.257 ng/ul
RT: 19.96 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion:202 Resp: 132806

Ion	Ratio	Lower	Upper
202	100		
101	8.5	11.0	16.4#
100	7.0	8.1	12.1#



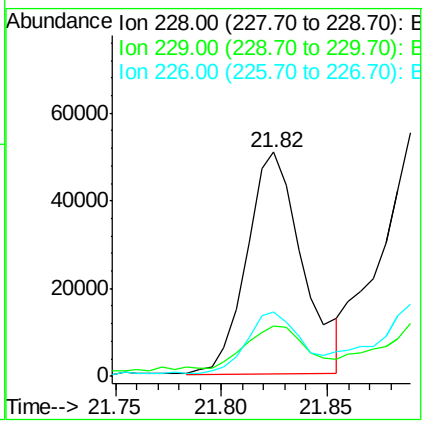


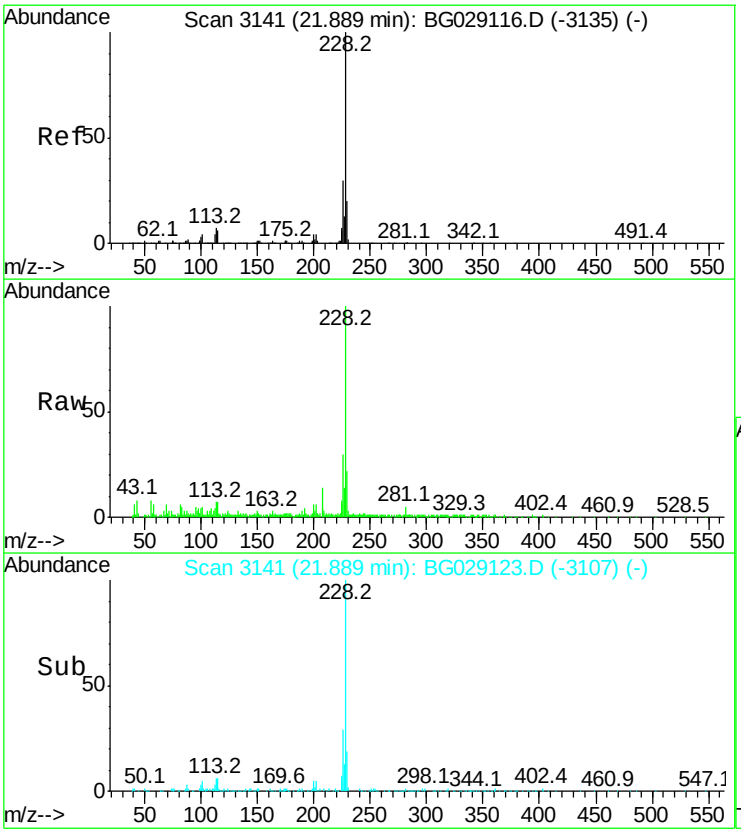
#20
Benzo(a)anthracene
Concen: 3.886 ng/ul
RT: 21.82 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tgt Ion:228 Resp: 92759

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.7	23.5
226	28.7	21.1	31.7

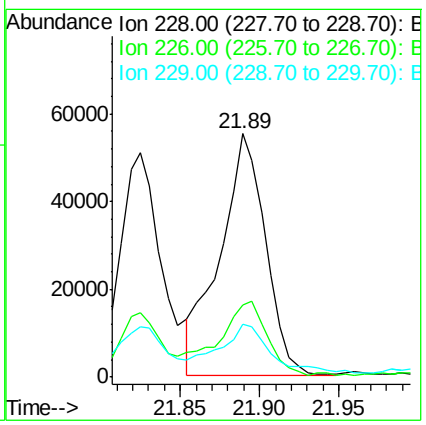


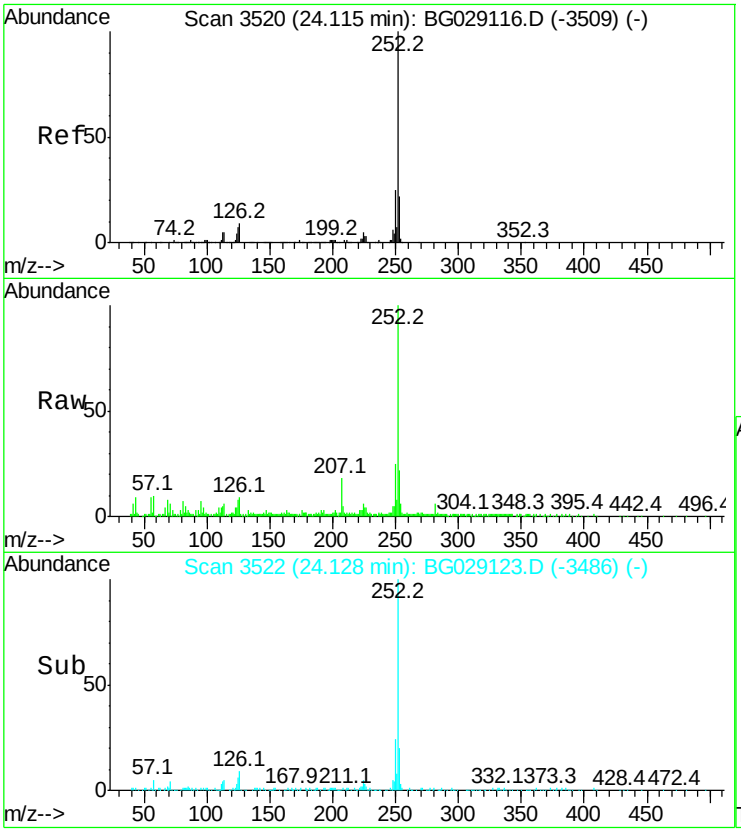


#21
Chrysene
Concen: 5.011 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion:228 Resp: 109508

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	21.9	15.8	23.8



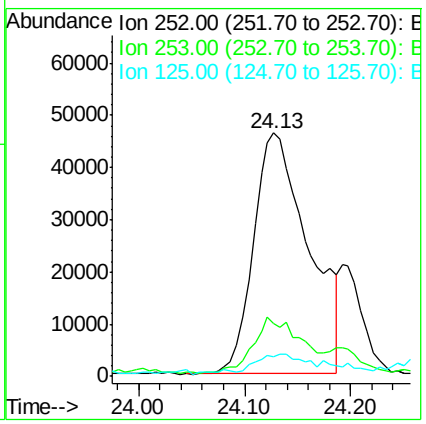


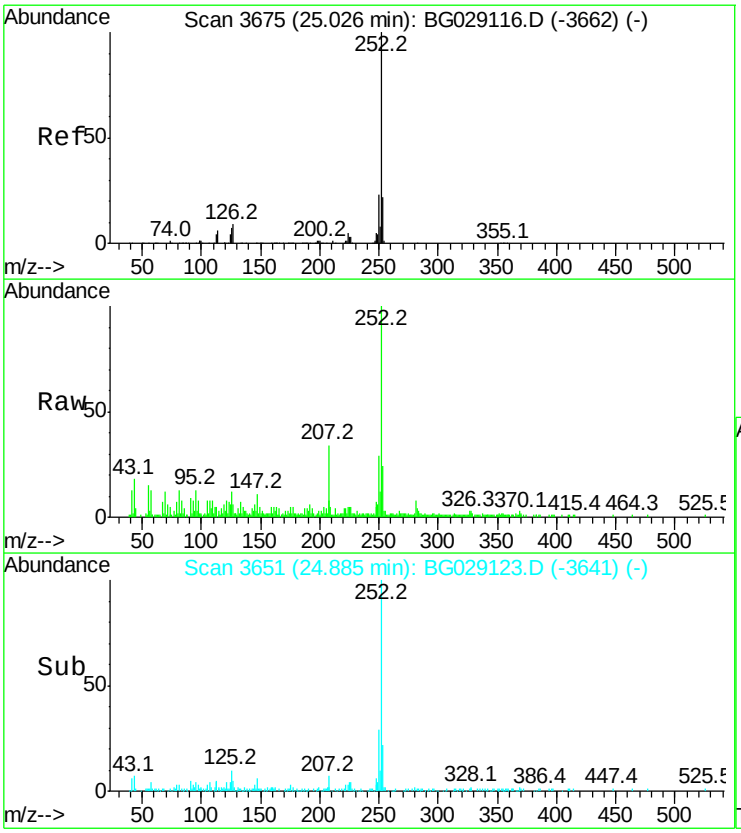
#23
Benzo(b)fluoranthene
Concen: 6.676 ng/ul
RT: 24.13 min Scan# 3522
Delta R.T. 0.01 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tgt Ion:252 Resp: 166606

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	8.0	8.0	12.0#

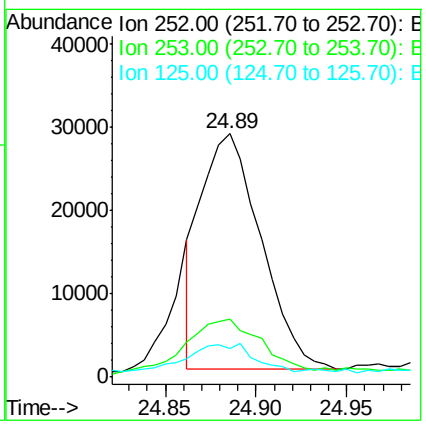


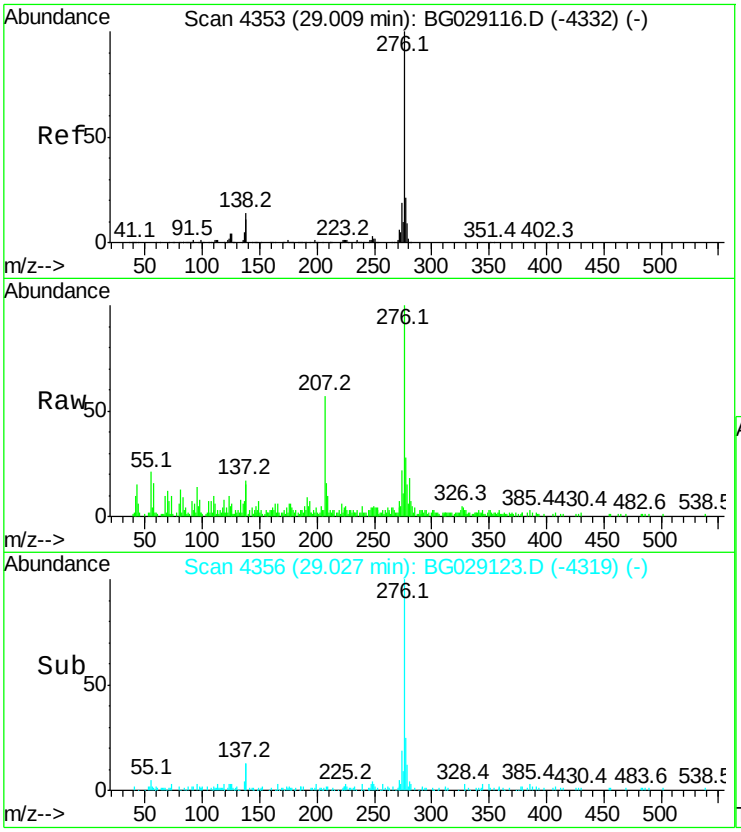


#26
Benzo(a)pyrene
Concen: 2.656 ng/ul
RT: 24.89 min Scan# 3651
Delta R.T. -0.14 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion:252 Resp: 64386

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	11.9	8.2	12.4



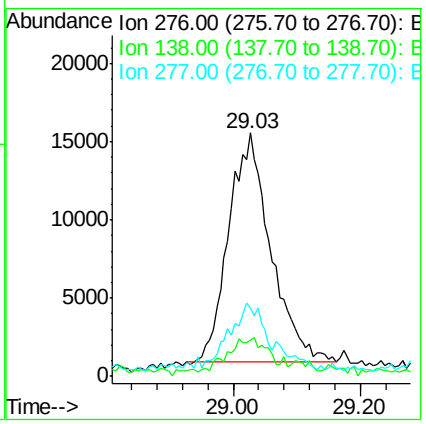


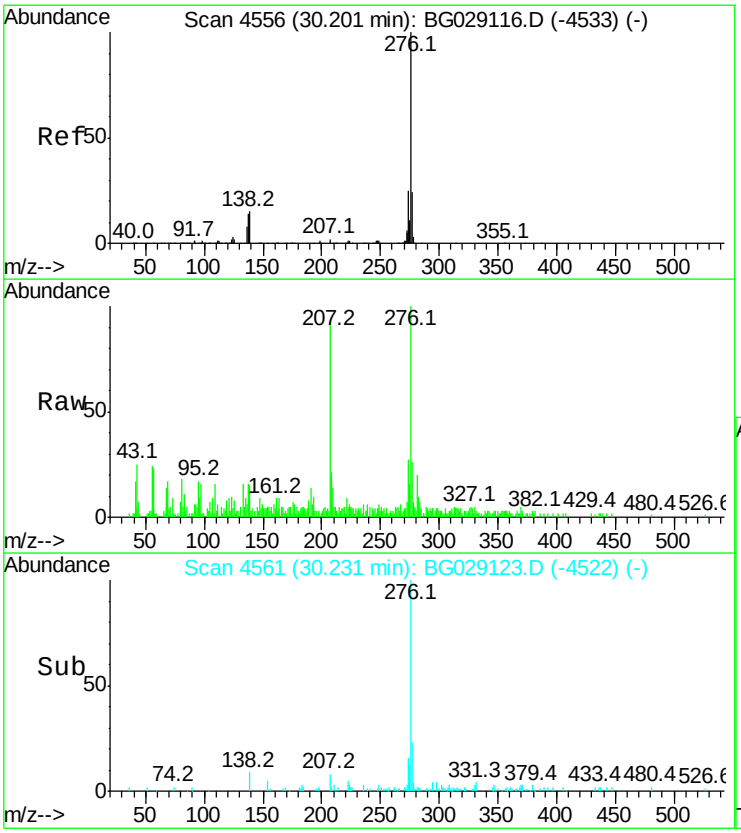
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.448 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.02 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Instrument :
BNA_G
ClientSampleId :
DAEA1

Tgt Ion:276 Resp: 67355

Ion	Ratio	Lower	Upper
276	100		
138	15.1	14.4	21.6
277	27.8	18.0	27.0#





#29
Benzo(g,h,i)perylene
Concen: 2.669 ng/ul
RT: 30.23 min Scan# 4561
Delta R.T. 0.03 min
Lab File: BG029123.D
Acq: 10 Oct 2017 1:18

Tgt Ion:276 Resp: 60557

Ion	Ratio	Lower	Upper
276	100		
138	14.8	15.3	22.9#
277	26.0	19.0	28.4