

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 :

Quant Time: Oct 12 08:55:26 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

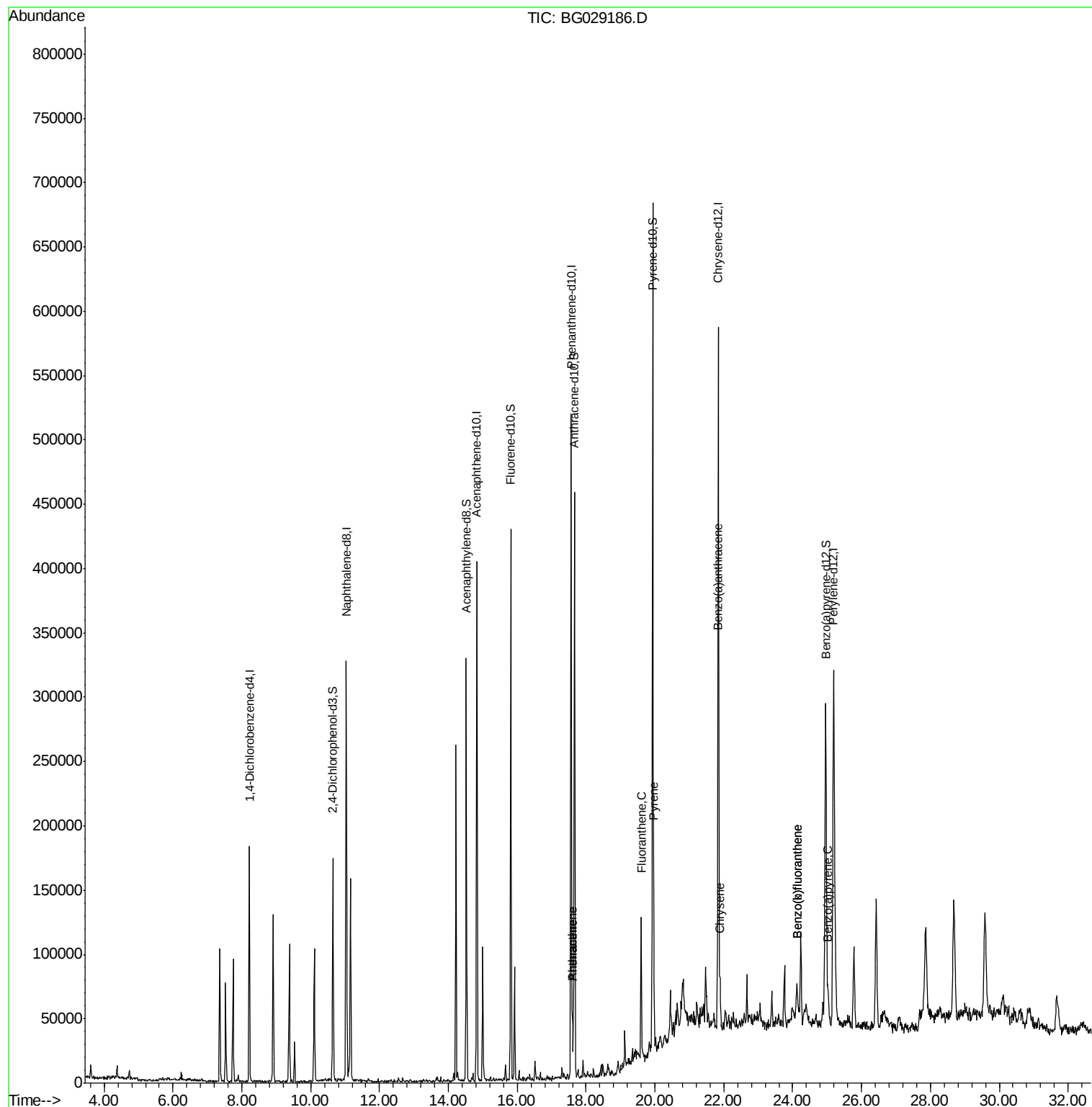
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.60	178	24674	1.43	ng/ul	98
16) Anthracene	17.60	178	24674	1.39	ng/ul	96
17) Fluoranthene	19.60	202	63919	3.14	ng/ul#	94
20) Pyrene	19.96	202	57599	2.73	ng/ul#	94
21) Benzo(a)anthracene	21.82	228	29725	1.40	ng/ul	98
22) Chrysene	21.89	228	26643	1.39	ng/ul	97
24) Benzo(b)fluoranthene	24.13	252	37089	1.72	ng/ul	98
25) Benzo(k)fluoranthene	24.13	252	37089	1.74	ng/ul	100
27) Benzo(a)pyrene	25.03	252	21884	1.04	ng/ul#	97

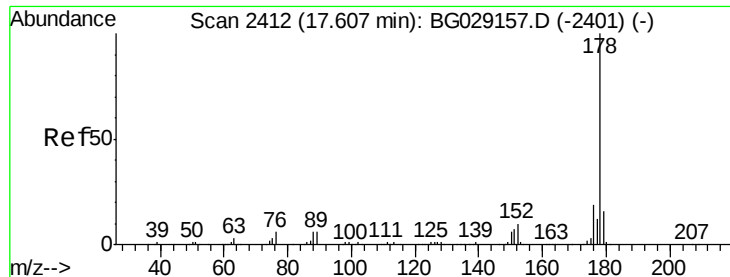
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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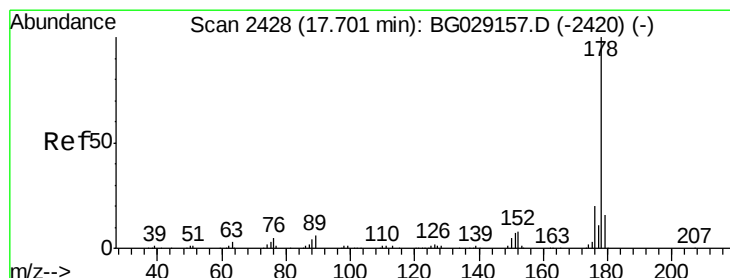
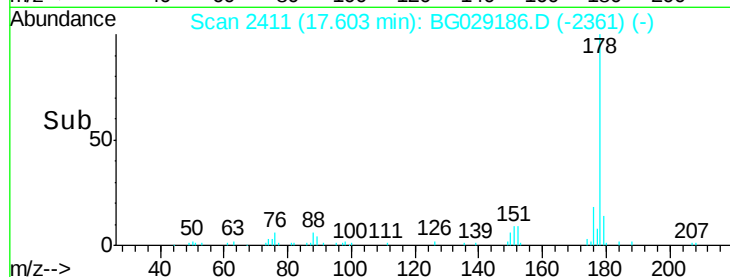
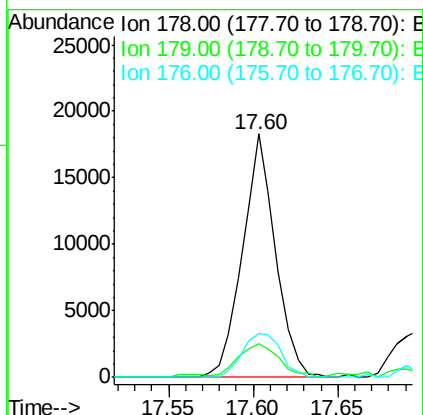
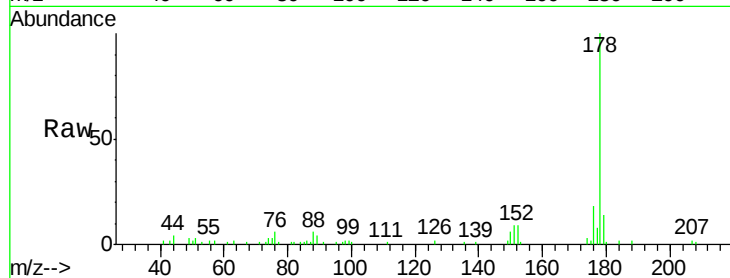




#14
Phenanthrene
Concen: 1.43 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

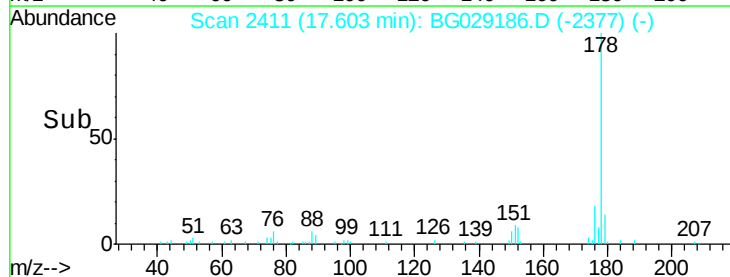
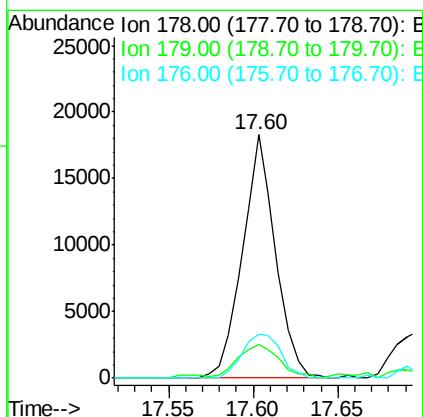
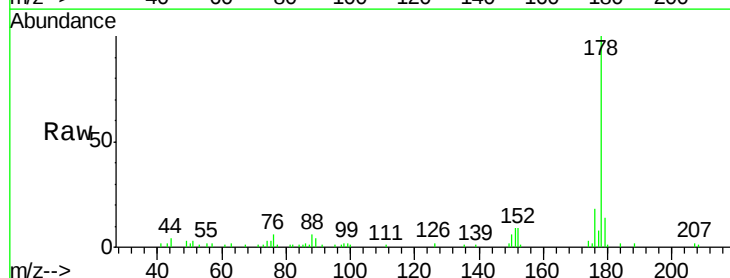
Instrument :
BNA_G
ClientSampleId :

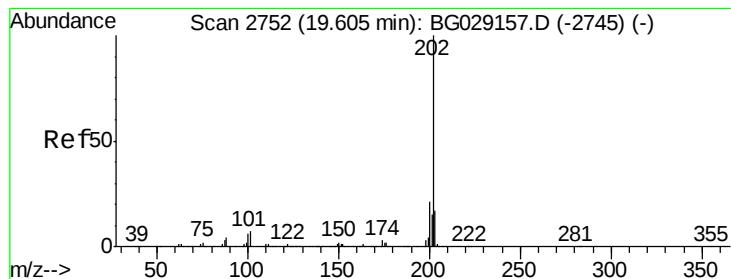
Tot Ion:178 Resp: 24674
Ion Ratio Lower Upper
178 100
179 14.0 12.2 18.2
176 17.9 15.0 22.6



#16
Anthracene
Concen: 1.39 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.10 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Tgt Ion:178 Resp: 24674
Ion Ratio Lower Upper
178 100
179 14.0 12.5 18.7
176 17.9 15.7 23.5





#17

Fluoranthene

Concen: 3.14 ng/ul

RT: 19.60 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BG029186.D

Acq: 12 Oct 2017 4:42

Instrument :

BNA_G

ClientSampleId :

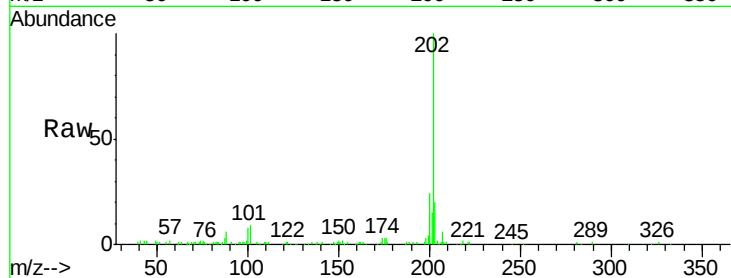
Tot Ion:202 Resp: 63919

Ion Ratio Lower Upper

202 100

101 9.2 5.6 8.4#

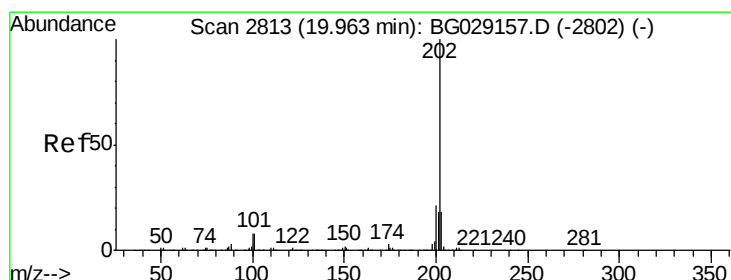
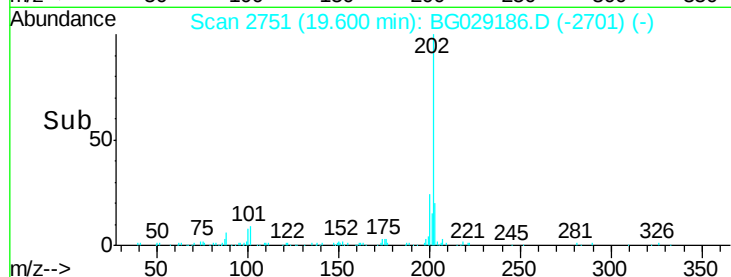
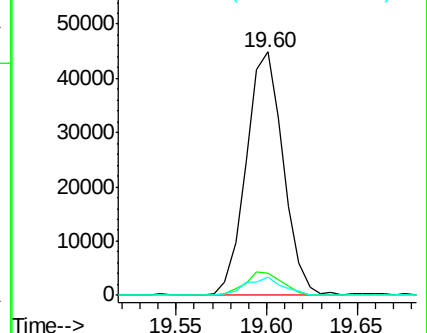
100 7.7 4.7 7.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 2.73 ng/ul

RT: 19.96 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG029186.D

Acq: 12 Oct 2017 4:42

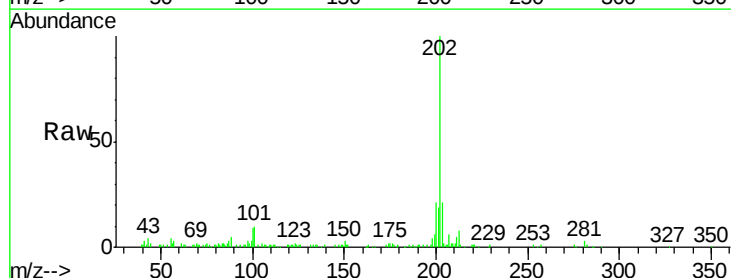
Tgt Ion:202 Resp: 57599

Ion Ratio Lower Upper

202 100

101 10.0 6.5 9.7#

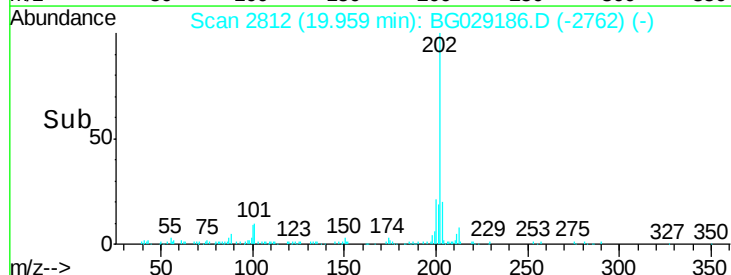
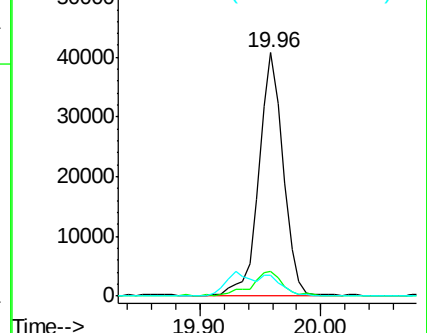
100 8.8 5.5 8.3#

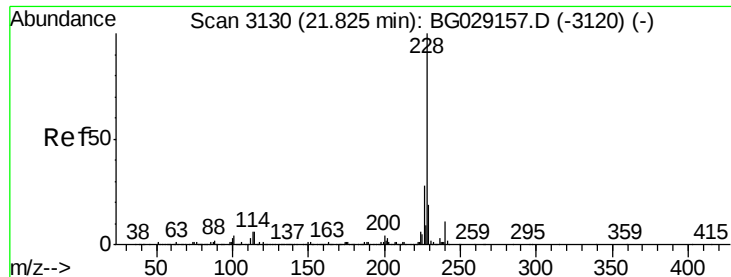


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

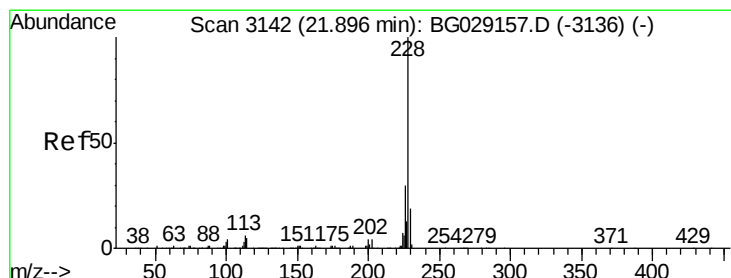
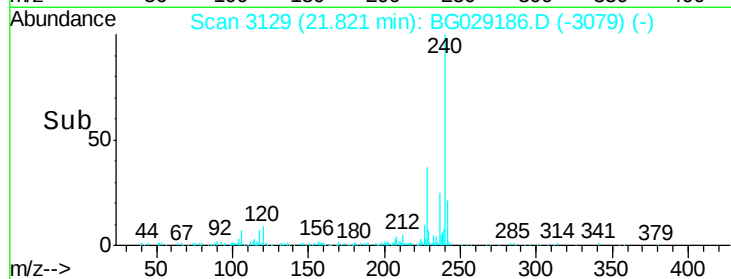
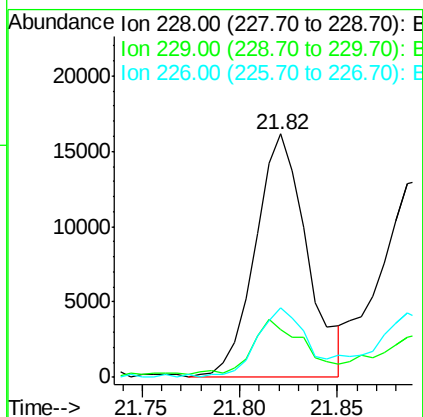
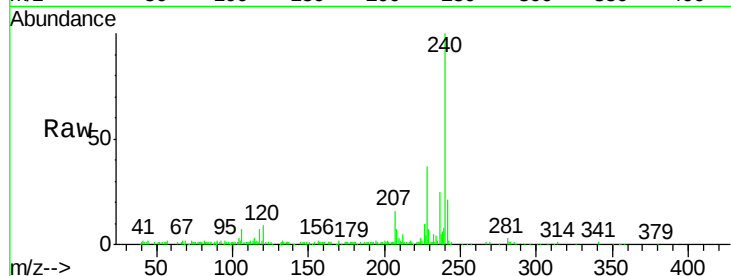




#21
Benzo(a)anthracene
Concen: 1.40 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

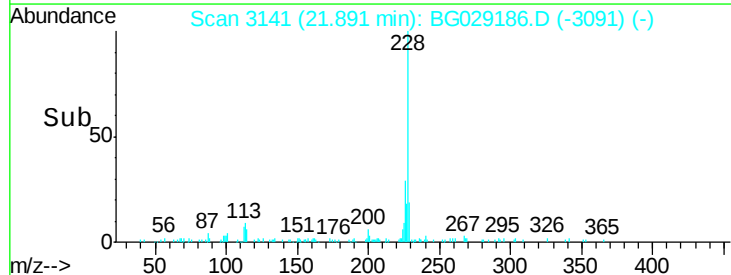
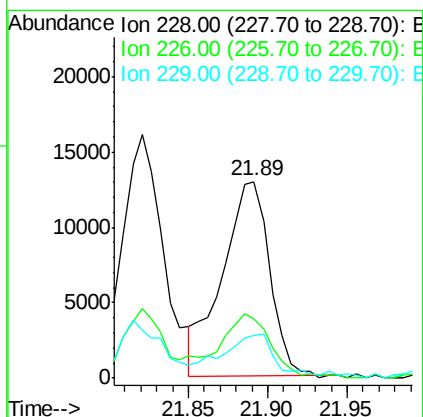
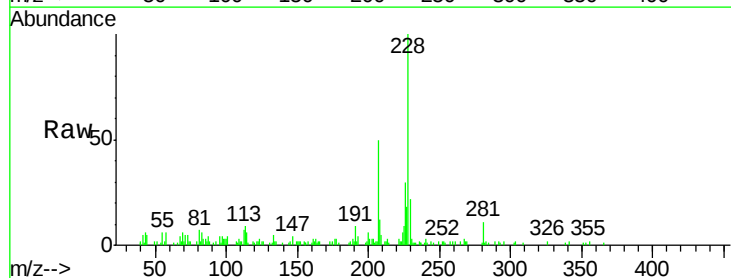
Instrument :
BNA_G
ClientSampleId :

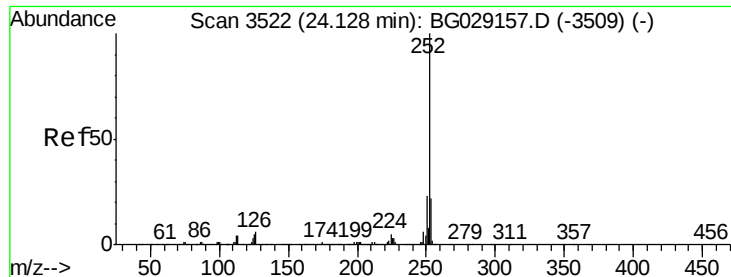
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.8
226	28.5	21.6	32.4



#22
Chrysene
Concen: 1.39 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029186.D
Acq: 12 Oct 2017 4:42

Tgt 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: 1.72 ng/ul

RT: 24.13 min Scan# 3522

Delta R.T. 0.00 min

Lab File: BG029186.D

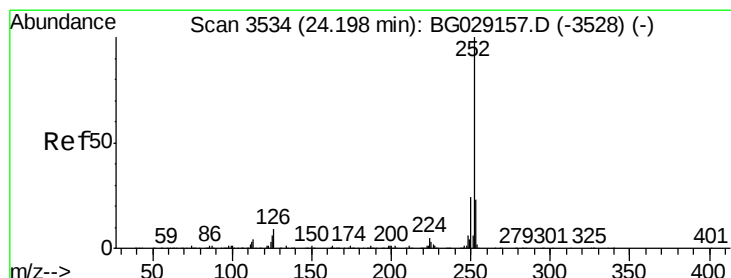
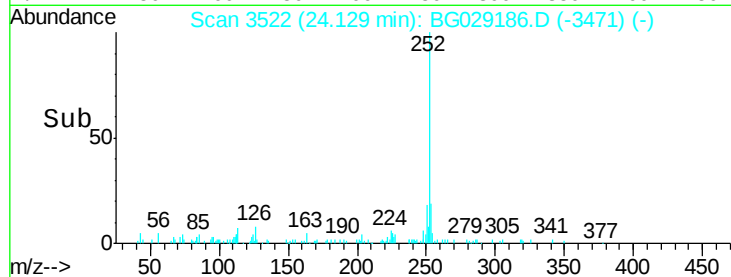
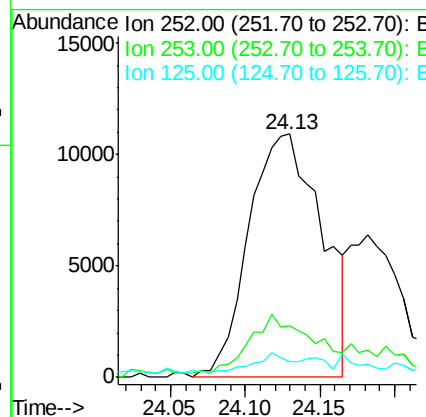
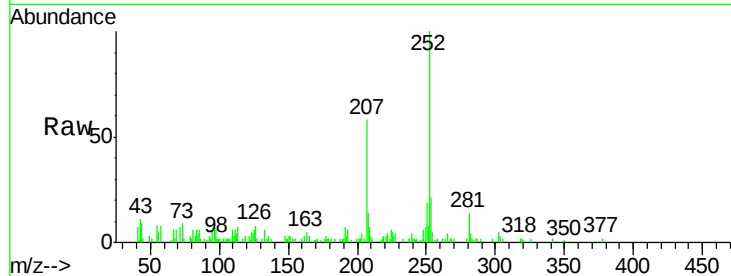
Acq: 12 Oct 2017 4:42

Instrument :

BNA_G

ClientSampled :

Tot Ion:252	Resp:	37089
Ion Ratio	Lower	Upper
252	100	
253	20.9	17.6 26.4
125	6.3	4.5 6.7



#25

Benzo(k)fluoranthene

Concen: 1.74 ng/ul

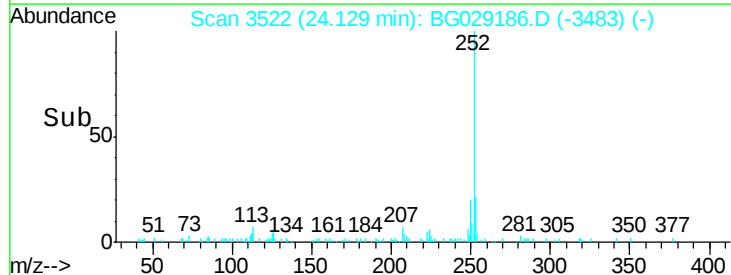
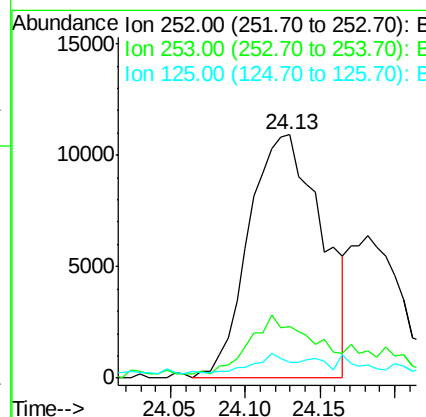
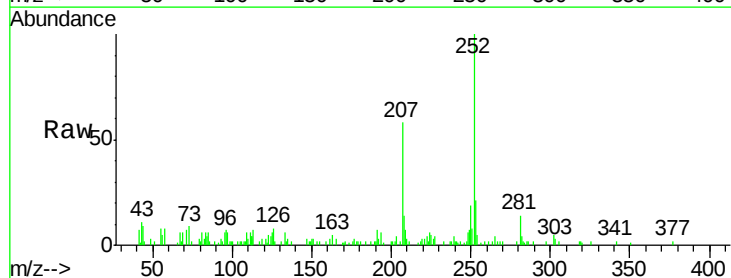
RT: 24.13 min Scan# 3522

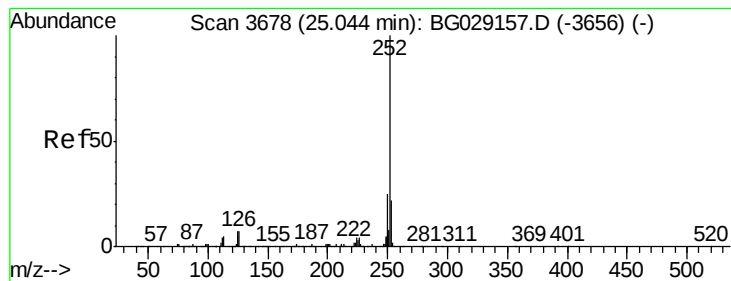
Delta R.T. -0.07 min

Lab File: BG029186.D

Acq: 12 Oct 2017 4:42

Tgt Ion:252	Resp:	37089
Ion Ratio	Lower	Upper
252	100	
253	20.9	16.8 25.2
125	6.3	5.1 7.7





#27

Benzo(a)pyrene

Concen: 1.04 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 :

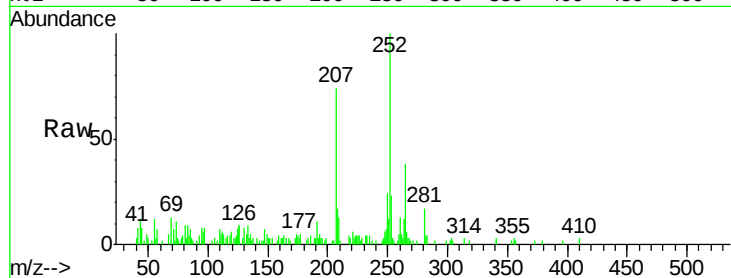
Tot Ion:252 Resp: 21884

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

125 8.9 5.4 8.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

