

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101317\
 Data File : BG029176.D
 Acq On : 11 Oct 2017 22:00
 Operator : SJ/JU
 Sample : I5668-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 08:53:19 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	54128	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	227677	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	151508	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.66	188	296225	20.00	ng/ul	0.10
18) Chrysene-d12	21.84	240	384895	20.00	ng/ul	0.00
23) Perylene-d12	25.19	264	385514	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.64	165	68055	15.64	ng/ul	0.00
7) Acenaphthylene-d8	14.52	160	264470	17.41	ng/ul	0.00
10) Fluorene-d10	15.81	176	198583	16.66	ng/ul	0.00
15) Anthracene-d10	17.66	188	296225	20.23	ng/ul	0.00
19) Pyrene-d10	19.94	212	352696	17.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.96	264	328891	17.06	ng/ul	0.00

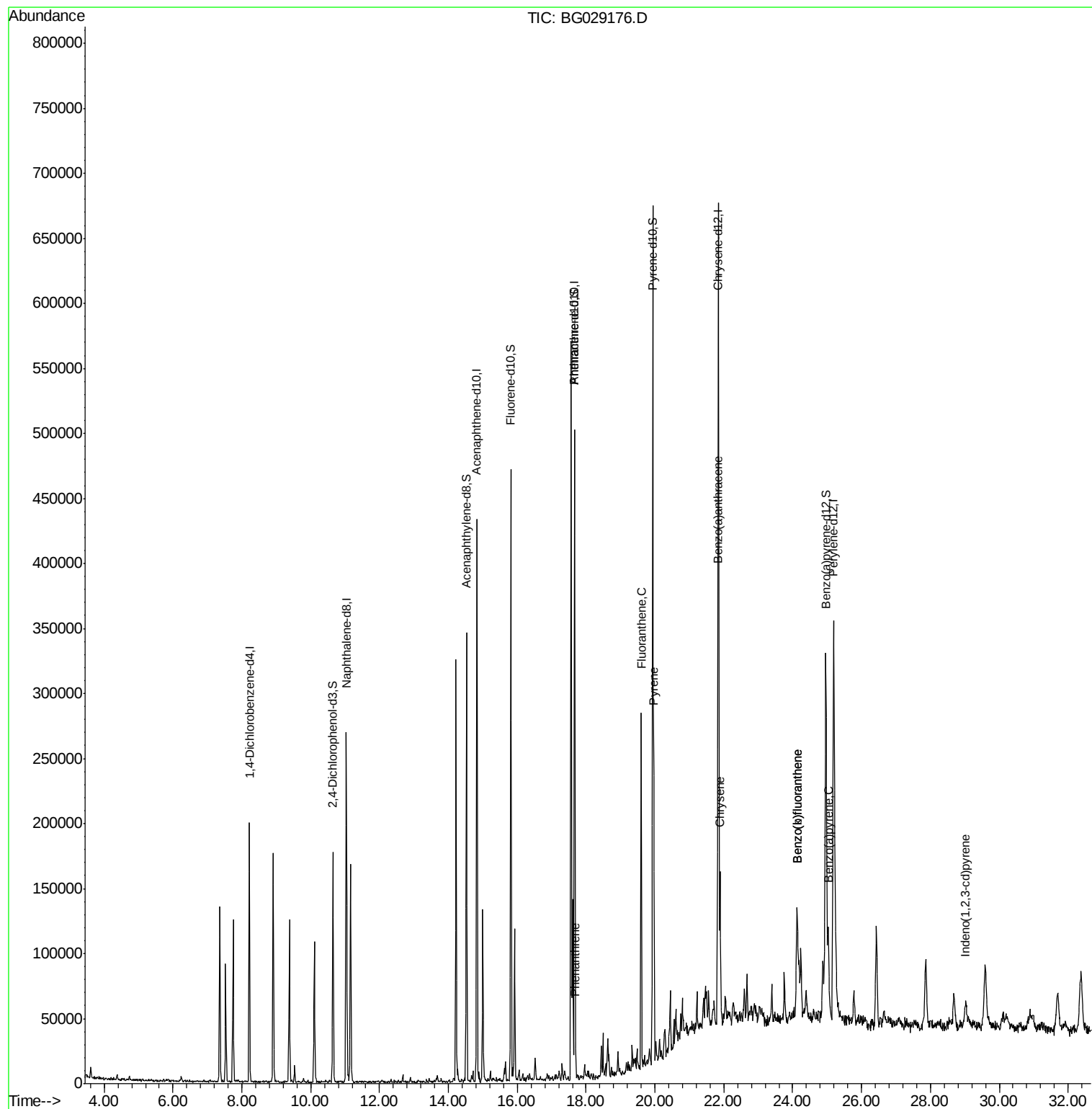
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Phenanthrene	17.70	178	16057	1.00	ng/ul	96
17) Fluoranthene	19.60	202	170555	9.03	ng/ul	98
20) Pyrene	19.96	202	153147	6.56	ng/ul	99
21) Benzo(a)anthracene	21.82	228	90369	3.85	ng/ul	100
22) Chrysene	21.89	228	90920	4.30	ng/ul	96
24) Benzo(b)fluoranthene	24.12	252	114327	4.81	ng/ul#	96
25) Benzo(k)fluoranthene	24.12	252	114327	4.89	ng/ul#	95
27) Benzo(a)pyrene	25.03	252	75898	3.27	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	29.02	276	23772	1.08	ng/ul#	96

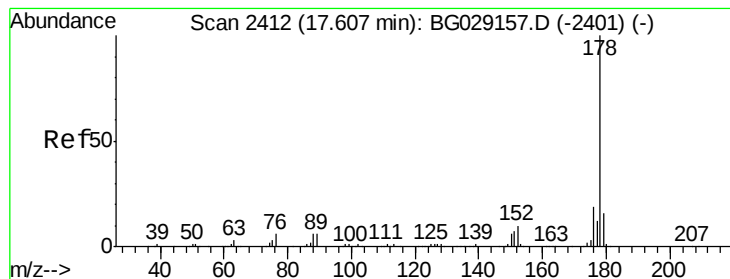
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Phenanthrene

Concen: 1.00 ng/ul

RT: 17.70 min Scan# 2427

Delta R.T. 0.09 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

Instrument :

BNA_G

ClientSampleId :

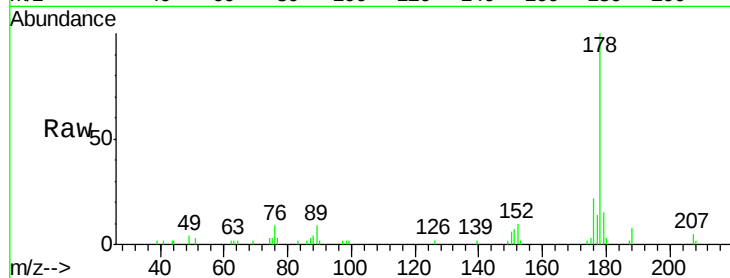
Tot Ion:178 Resp: 16057

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

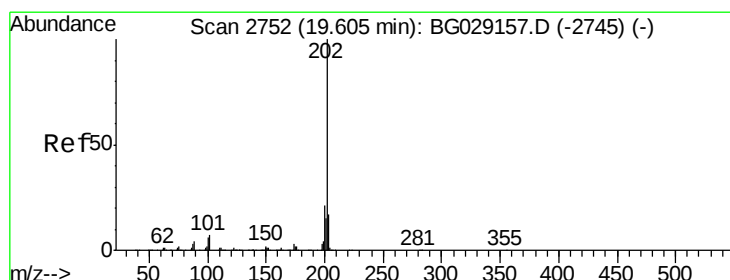
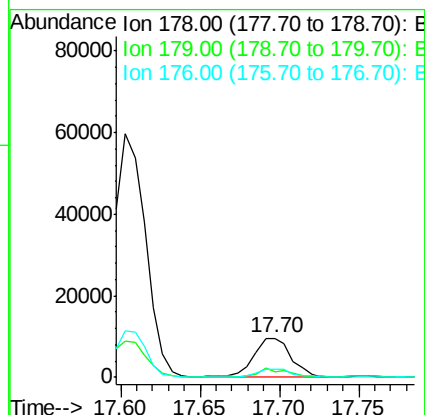
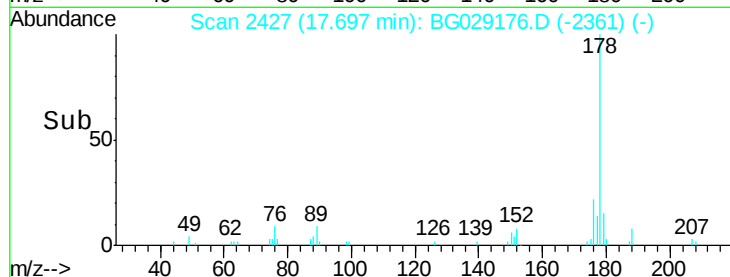
176 22.1 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#17

Fluoranthene

Concen: 9.03 ng/ul

RT: 19.60 min Scan# 2751

Delta R.T. -0.00 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

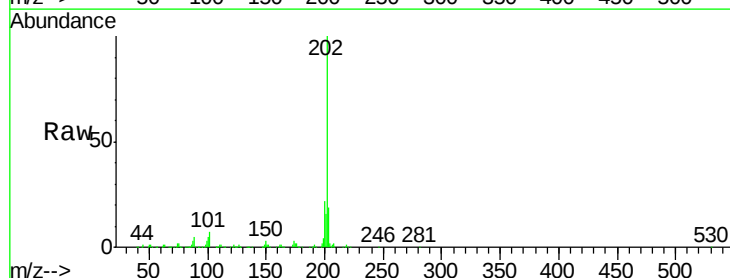
Tgt Ion:202 Resp: 170555

Ion Ratio Lower Upper

202 100

101 7.5 5.6 8.4

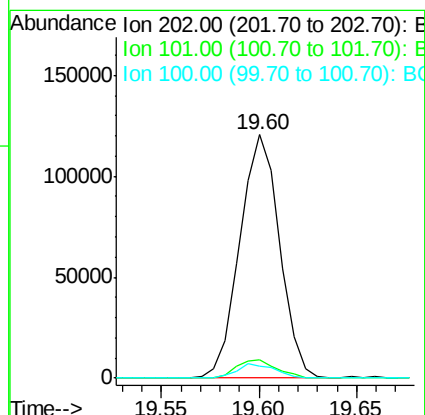
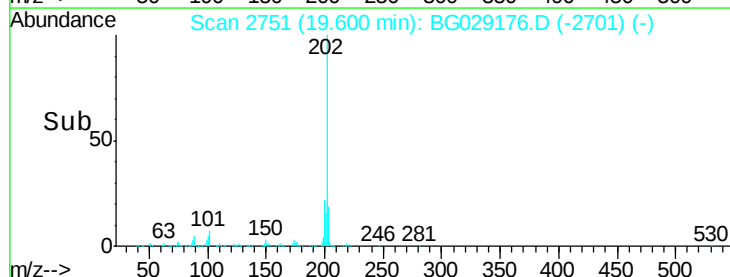
100 4.7 4.7 7.1

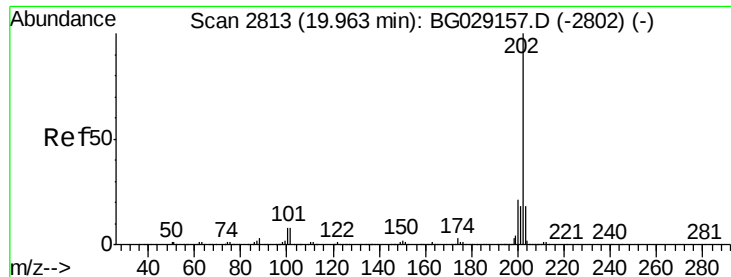


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

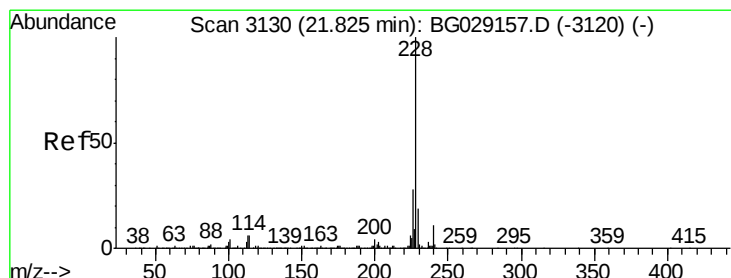
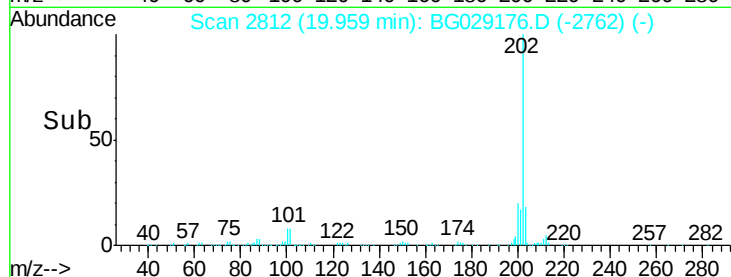
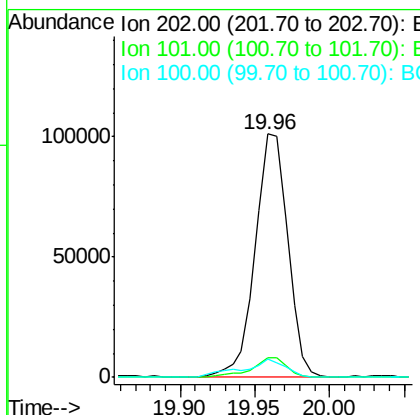
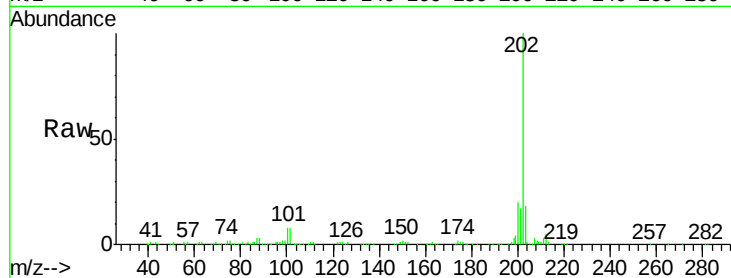




#20
Pvrene
Concen: 6.56 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

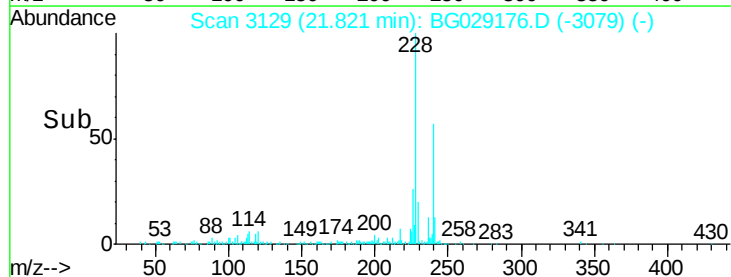
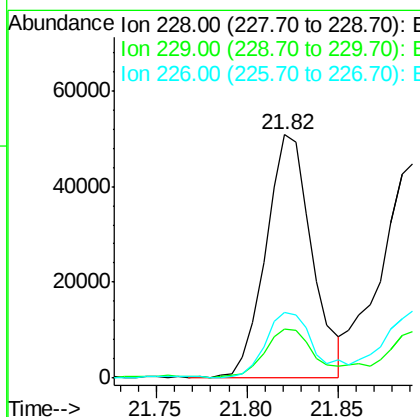
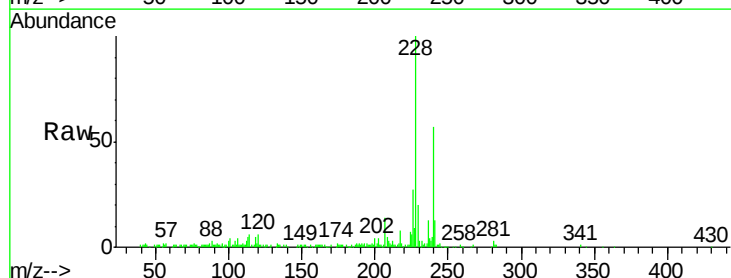
Instrument :
BNA_G
ClientSampleId :

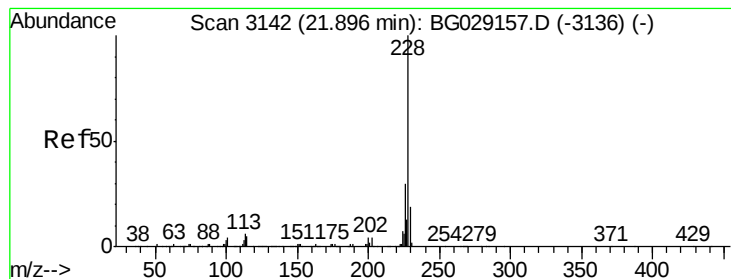
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.5	9.7
100	7.7	5.5	8.3



#21
Benzo(a)anthracene
Concen: 3.85 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.0	21.6	32.4





#22

Chrysene

Concen: 4.30 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

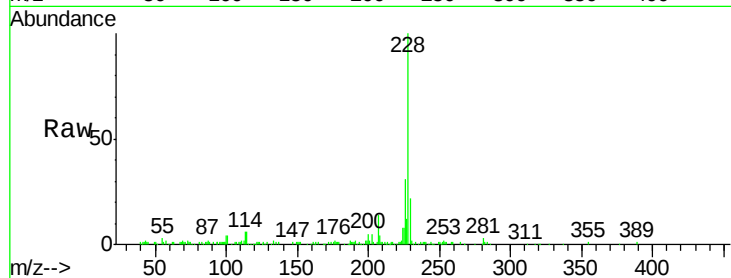
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 90920

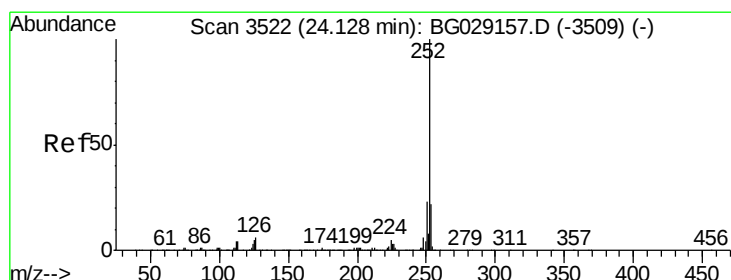
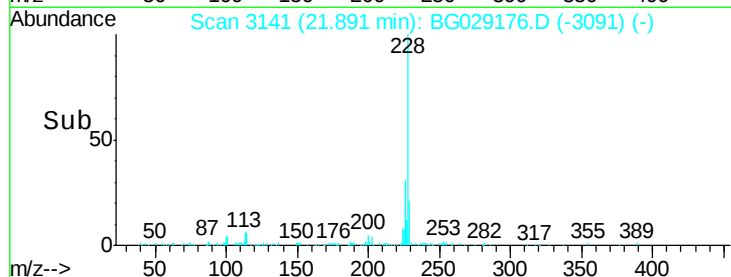
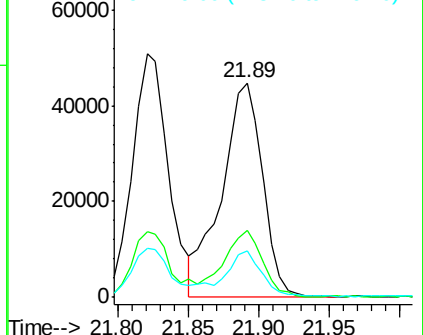
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	21.9	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#24

Benzo(b)fluoranthene

Concen: 4.81 ng/ul

RT: 24.12 min Scan# 3521

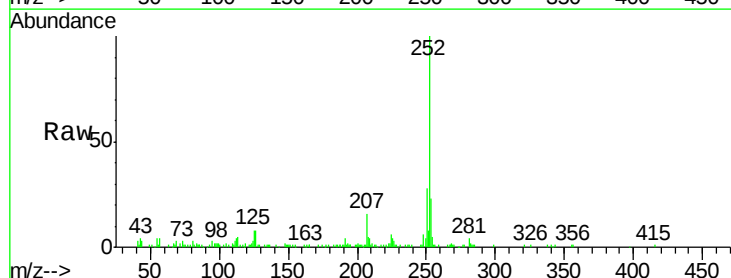
Delta R.T. -0.00 min

Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

Tgt Ion:252 Resp: 114327

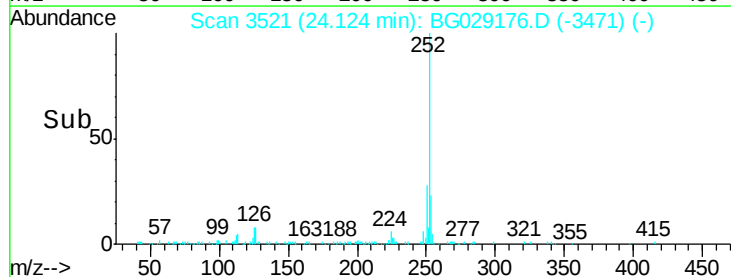
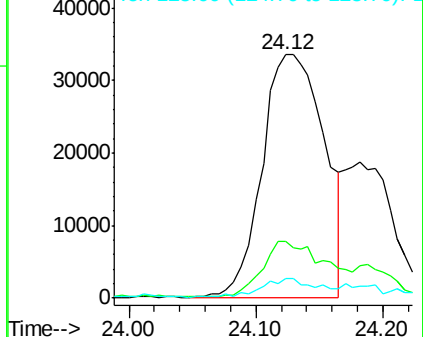
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.1	4.5	6.7#

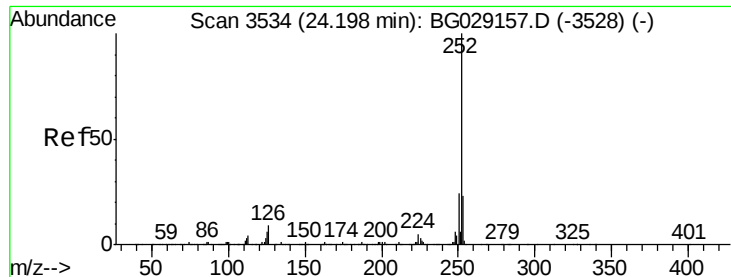


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

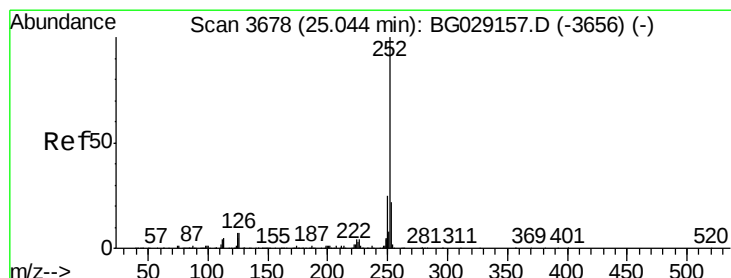
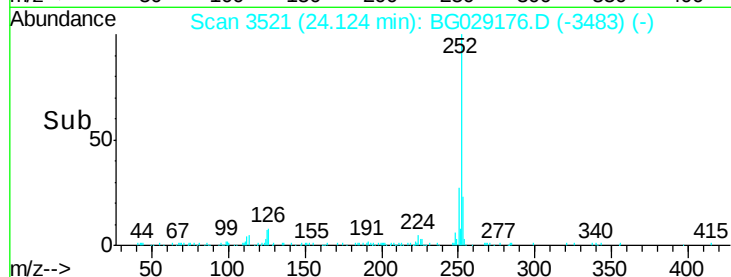
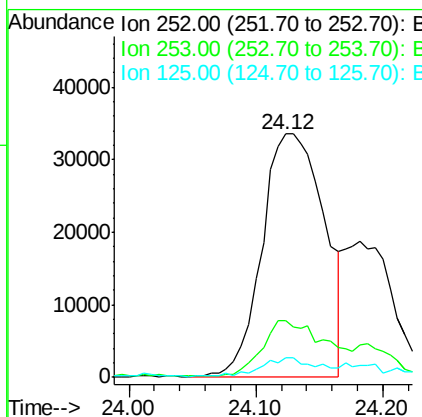
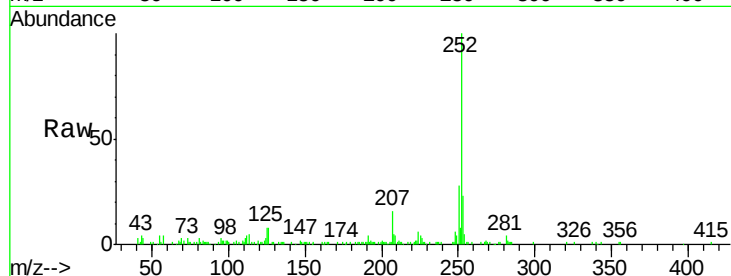




#25
Benzo(k)fluoranthene
Concen: 4.89 ng/ul
RT: 24.12 min Scan# 3521
Delta R.T. -0.07 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

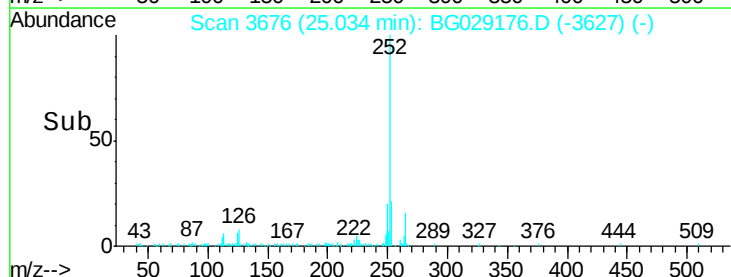
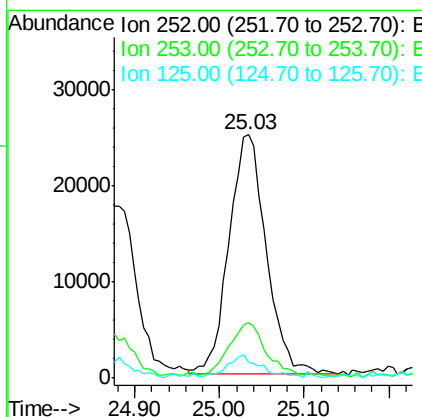
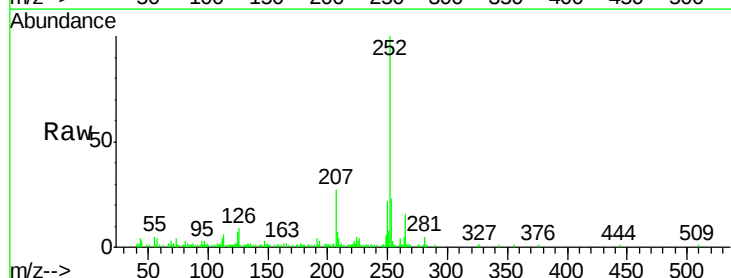
Instrument :
BNA_G
ClientSampleId :

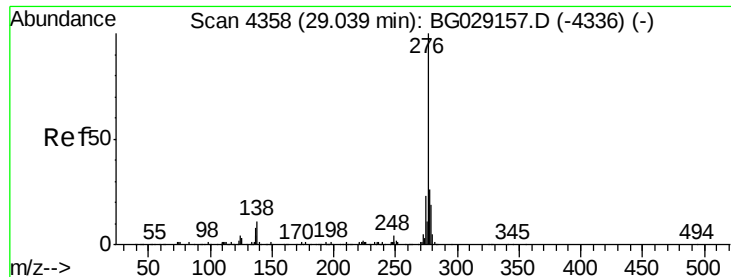
Tot Ion:252 Resp: 114327
Ion Ratio Lower Upper
252 100
253 23.4 16.8 25.2
125 8.1 5.1 7.7#



#27
Benzo(a)pyrene
Concen: 3.27 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG029176.D
Acq: 11 Oct 2017 22:00

Tgt Ion:252 Resp: 75898
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 6.6 5.4 8.2





#28

Indeno(1,2,3-cd)pyrene

Concen: 1.08 ng/ul

RT: 29.02 min Scan# 4354

Delta R.T. -0.02 min

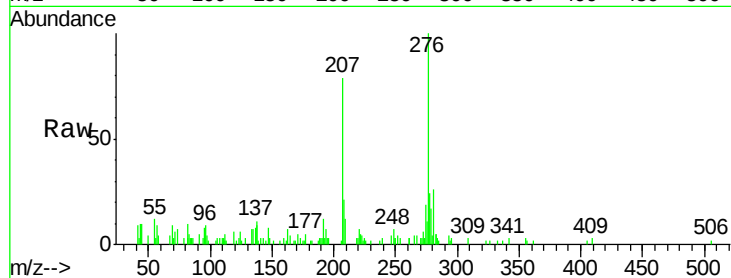
Lab File: BG029176.D

Acq: 11 Oct 2017 22:00

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	23772
Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.5	14.3#
277	23.9	18.1	27.1

