

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029119.D
 Acq On : 9 Oct 2017 22:38
 Operator : SJ/JU
 Sample : I5578-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH70

Quant Time: Oct 10 06:35:13 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

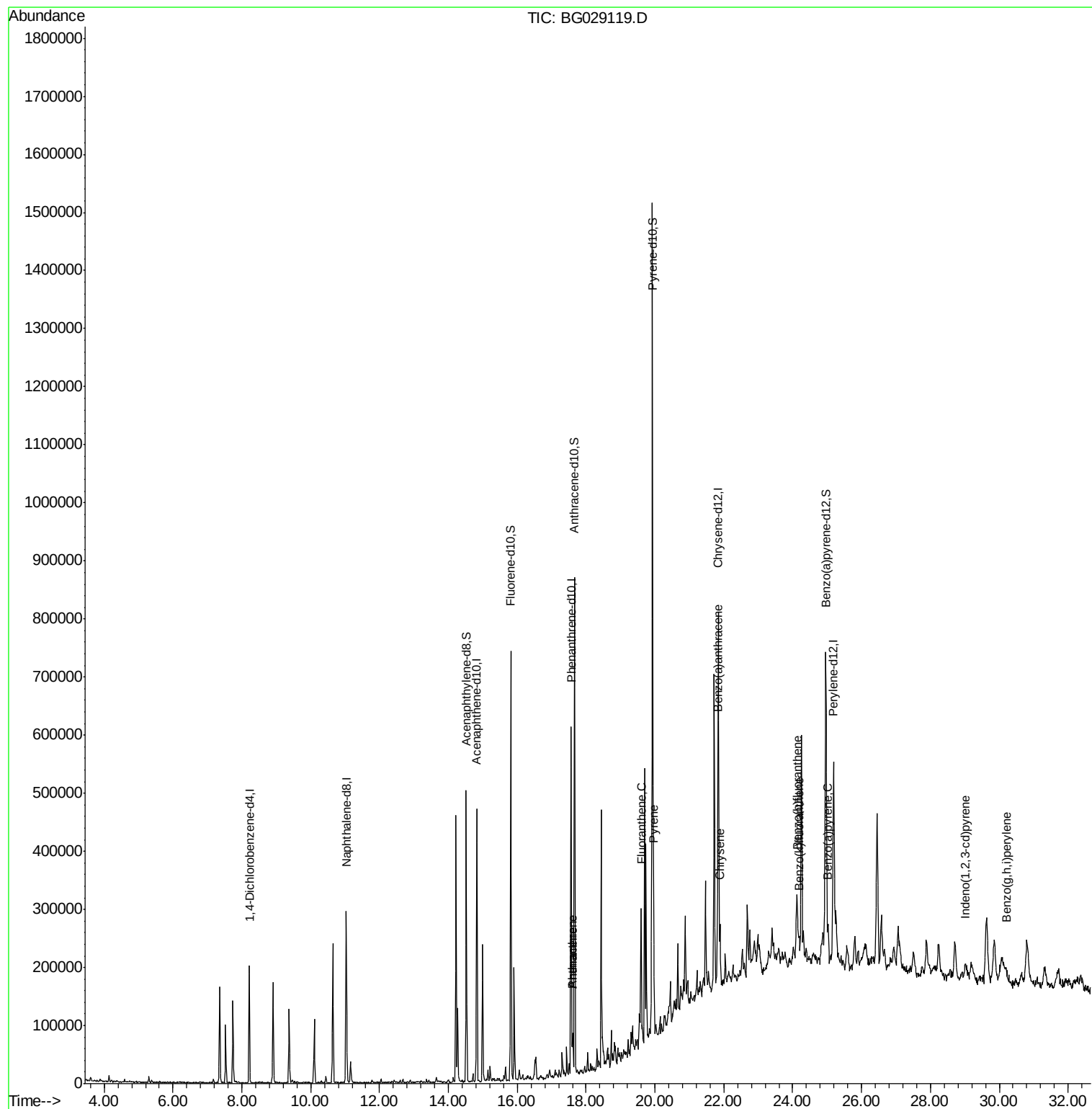
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	54758	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	252302	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	163931	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	365603	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	389832	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	398472	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	365718	21.45	ng/ul	0.00
10) Fluorene-d10	15.81	176	314857	25.46	ng/ul	0.00
14) Anthracene-d10	17.66	188	511178	28.87	ng/ul	0.00
18) Pyrene-d10	19.93	212	626897	31.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	599065	31.38	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	48083	2.466	ng/ul	97
15) Anthracene	17.60	178	47329	2.372	ng/ul	98
16) Fluoranthene	19.60	202	134576	5.887	ng/ul#	91
19) Pyrene	19.96	202	114491	4.712	ng/ul#	91
20) Benzo(a)anthracene	21.82	228	75241	3.277	ng/ul	93
21) Chrysene	21.89	228	83856	3.989	ng/ul	96
23) Benzo(b)fluoranthene	24.12	252	130670	5.482	ng/ul	99
24) Benzo(k)fluoranthene	24.18	252	47198	2.029	ng/ul	94
26) Benzo(a)pyrene	25.03	252	77048	3.328	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	29.02	276	58454	2.224	ng/ul#	88
29) Benzo(g,h,i)perylene	30.21	276	49637	2.291	ng/ul	94

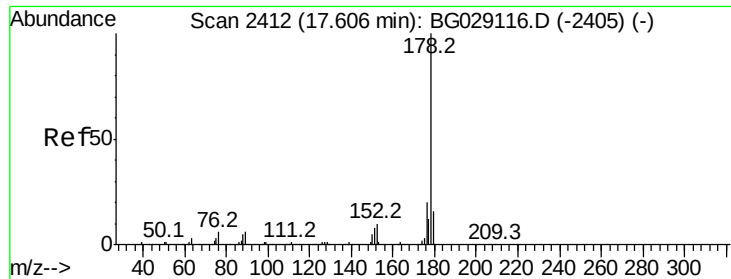
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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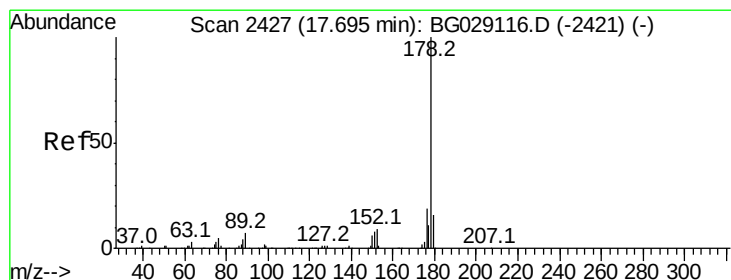
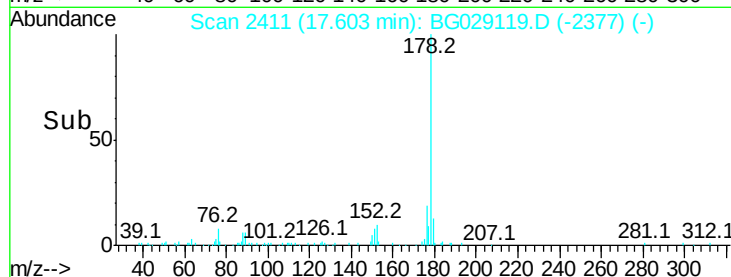
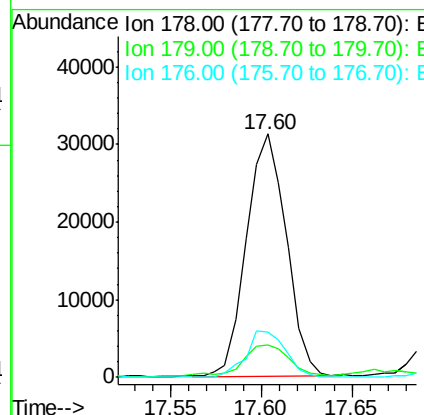
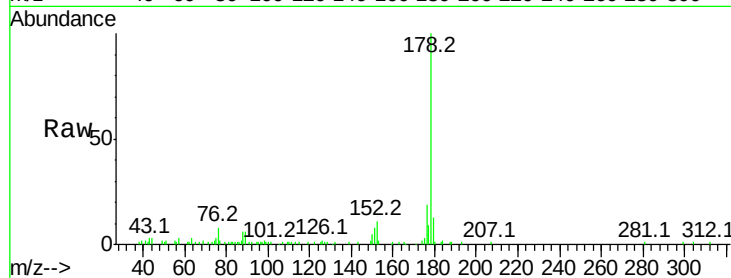




#13
Phenanthrene
Concen: 2.466 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

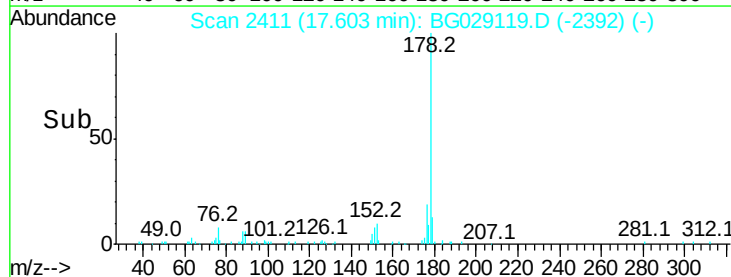
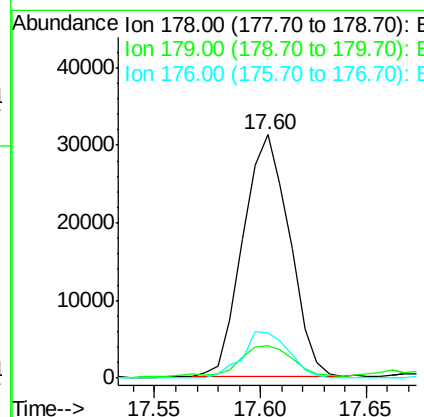
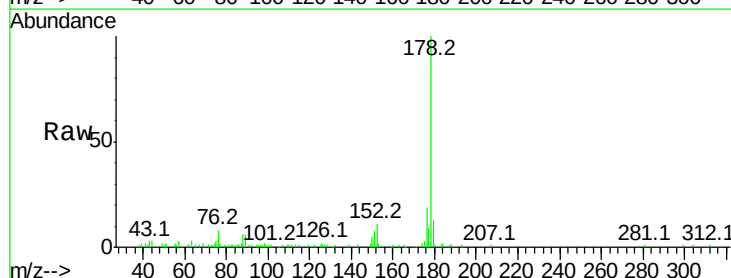
Instrument :
BNA_G
ClientSampleId :
DAH70

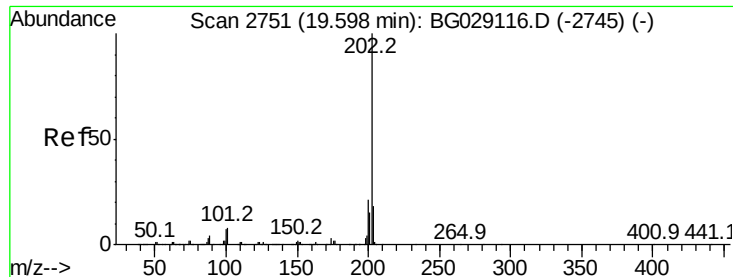
Tot Ion:178 Resp: 48083
Ion Ratio Lower Upper
178 100
179 13.2 12.3 18.5
176 18.6 15.1 22.7



#15
Anthracene
Concen: 2.372 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

Tgt Ion:178 Resp: 47329
Ion Ratio Lower Upper
178 100
179 13.2 11.8 17.8
176 18.6 15.2 22.8

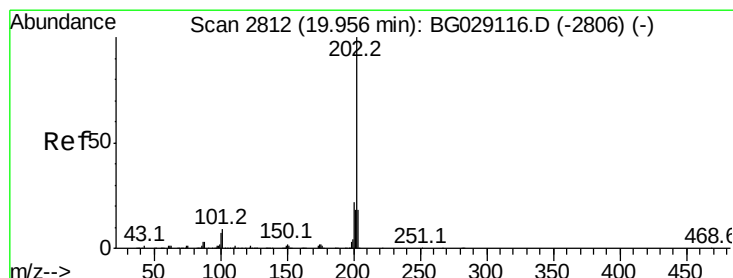
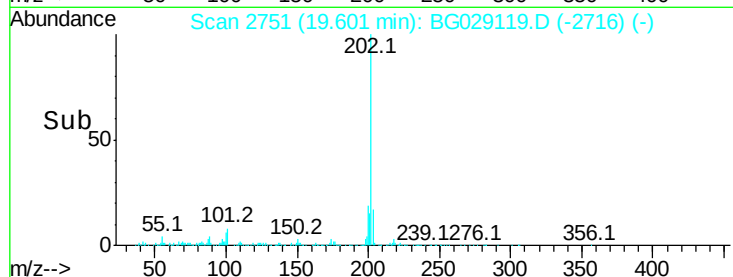
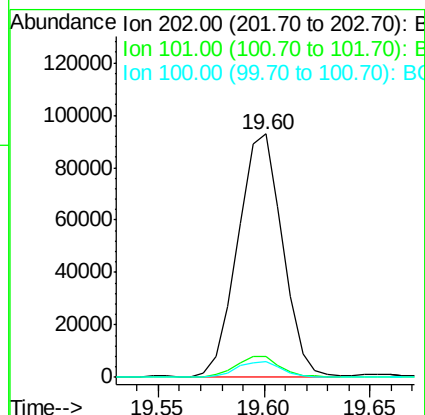
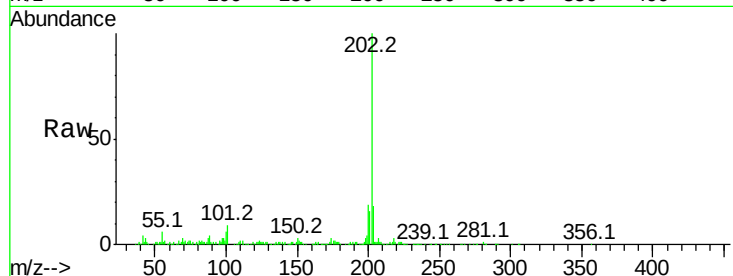




#16
Fluoranthene
Concen: 5.887 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

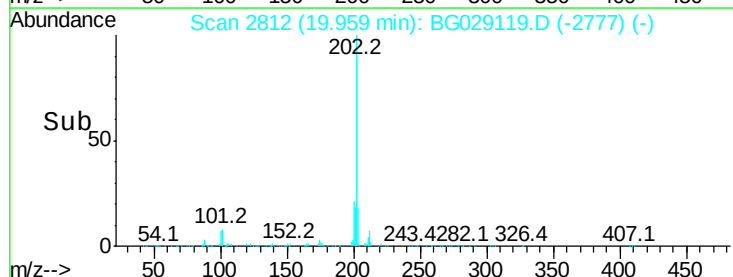
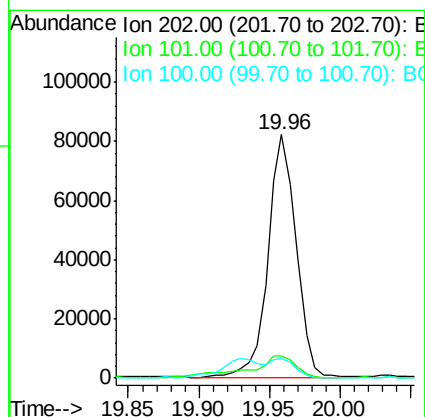
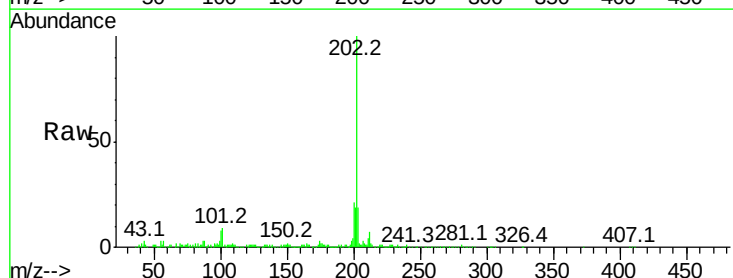
Instrument :
BNA_G
ClientSampleId :
DAH70

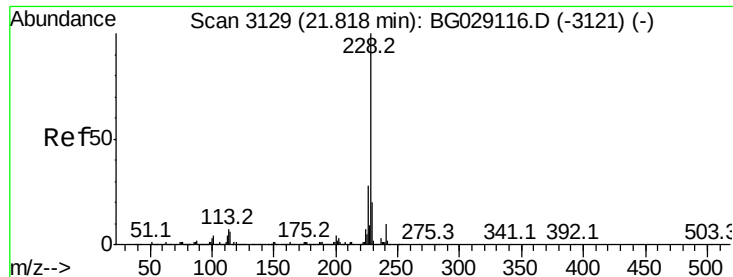
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.9	14.9#
100	6.3	7.4	11.0#



#19
Pyrene
Concen: 4.712 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	11.0	16.4#
100	7.9	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 3.277 ng/ul

RT: 21.82 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG029119.D

Acq: 9 Oct 2017 22:38

Instrument :

BNA_G

ClientSampleId :

DAH70

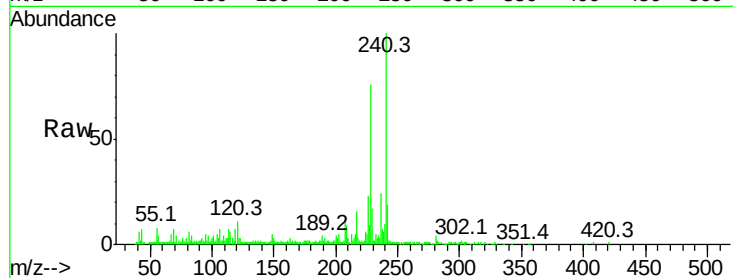
Tot Ion:228 Resp: 75241

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	30.5	21.1	31.7

228 100

229 22.0 15.7 23.5

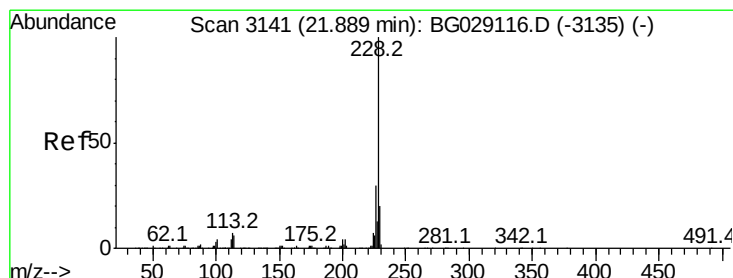
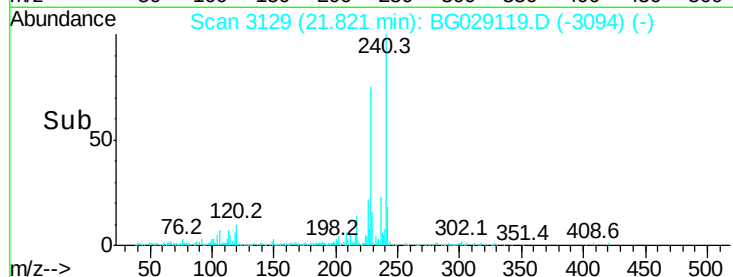
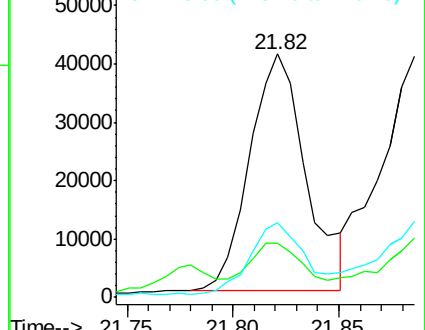
226 30.5 21.1 31.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#21

Chrysene

Concen: 3.989 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029119.D

Acq: 9 Oct 2017 22:38

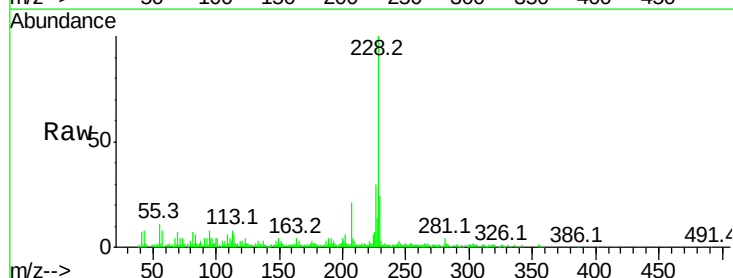
Tgt Ion:228 Resp: 83856

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	23.6	15.8	23.8

228 100

226 29.9 24.5 36.7

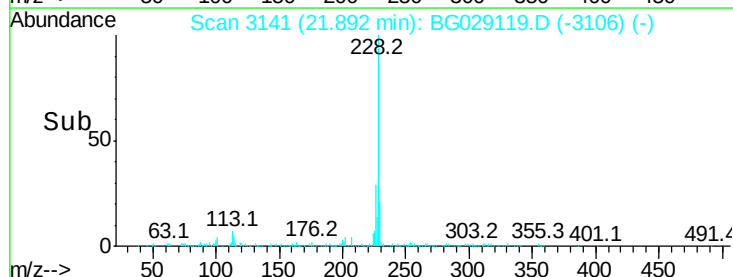
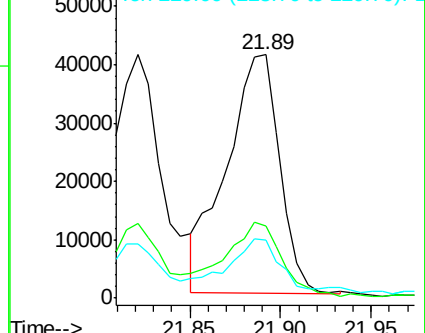
229 23.6 15.8 23.8

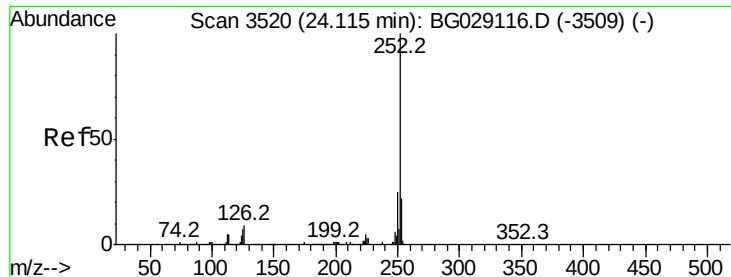


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

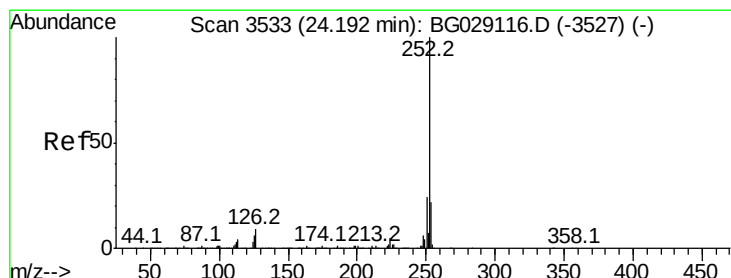
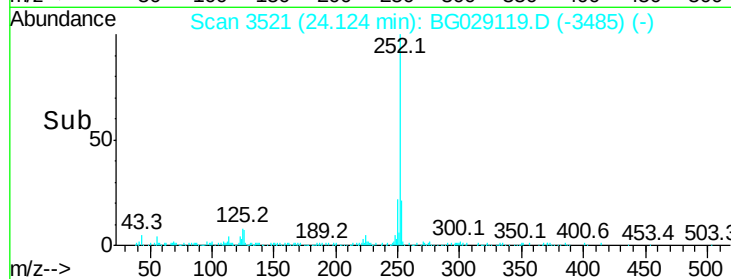
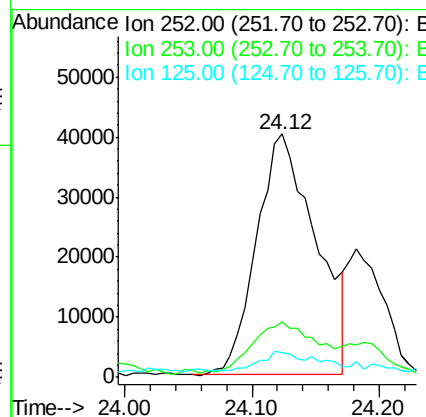
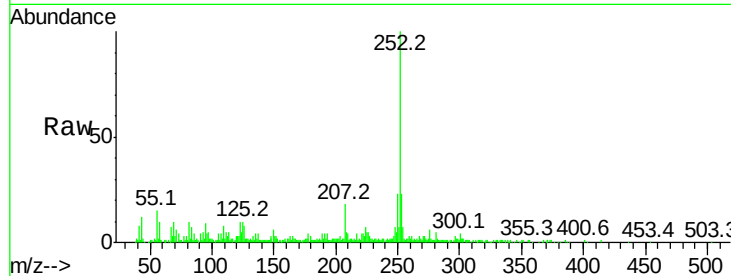




#23
Benzo(b)fluoranthene
Concen: 5.482 ng/ul
RT: 24.12 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

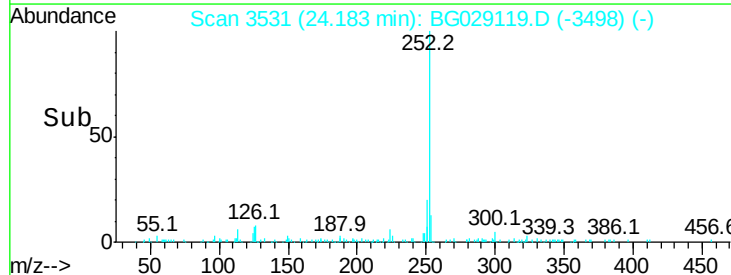
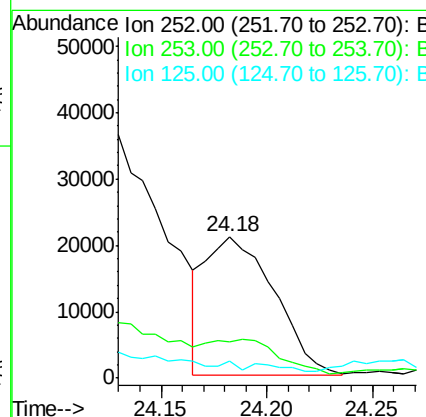
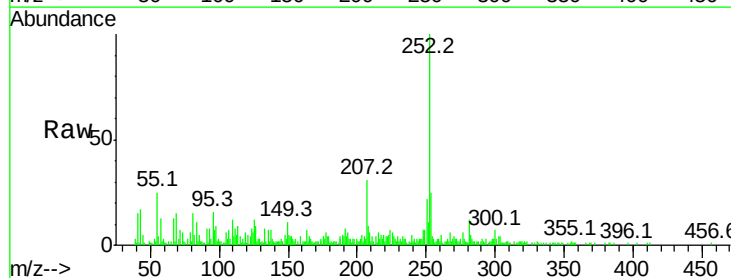
Instrument :
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ClientSampleId :
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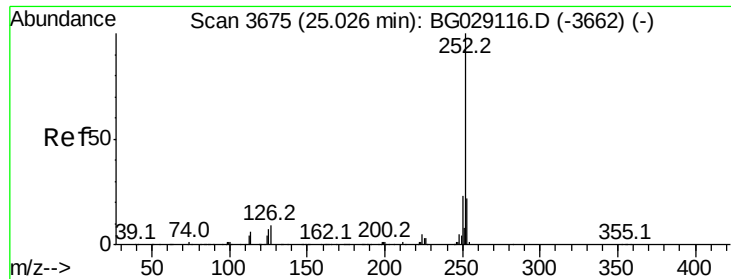
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	10.2	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 2.029 ng/ul
RT: 24.18 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	11.8	8.1	12.1

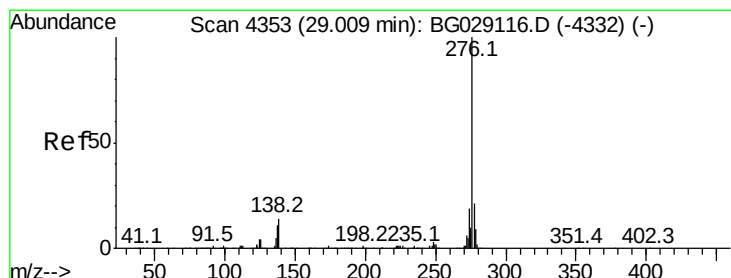
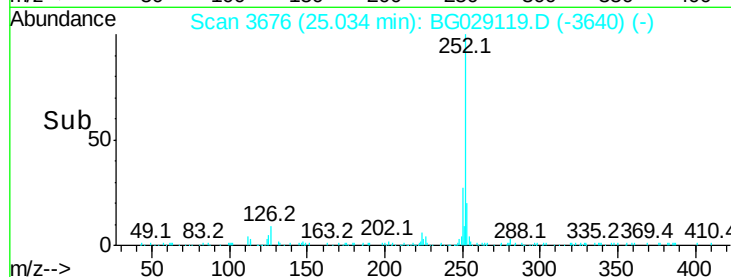
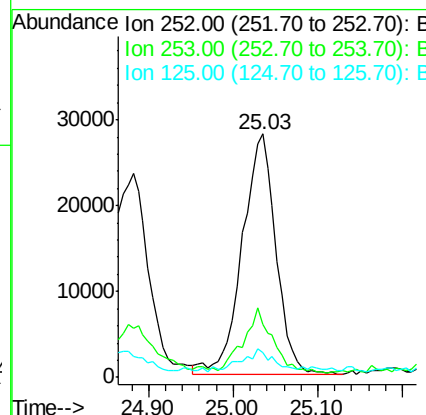
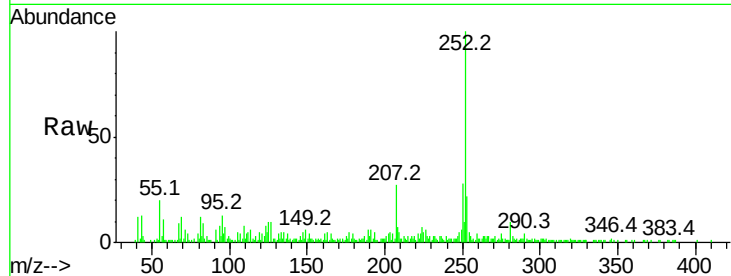




#26
Benzo(a)pyrene
Concen: 3.328 ng/ul
RT: 25.03 min Scan# 3676
Delta R.T. 0.01 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

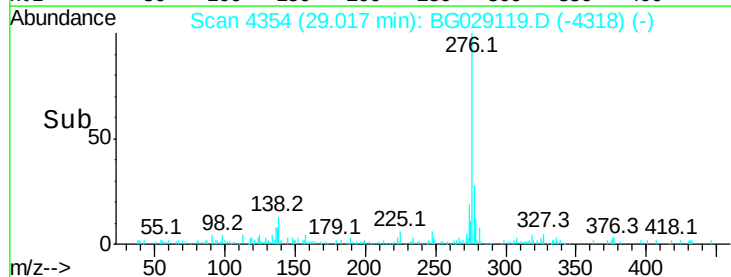
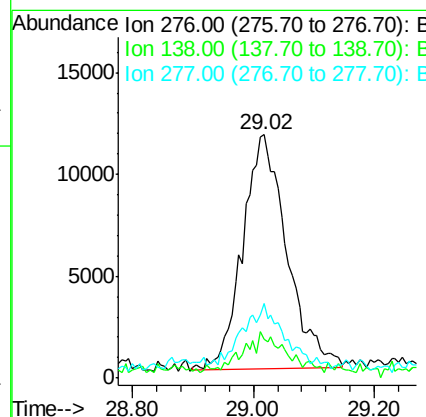
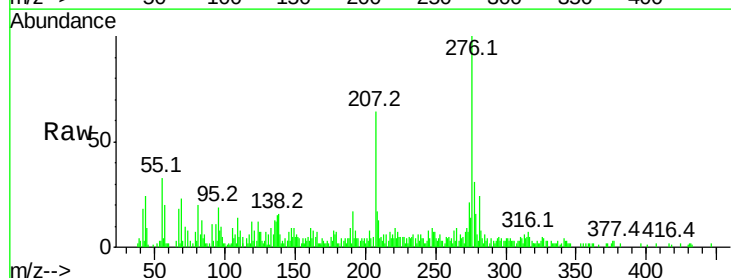
Instrument :
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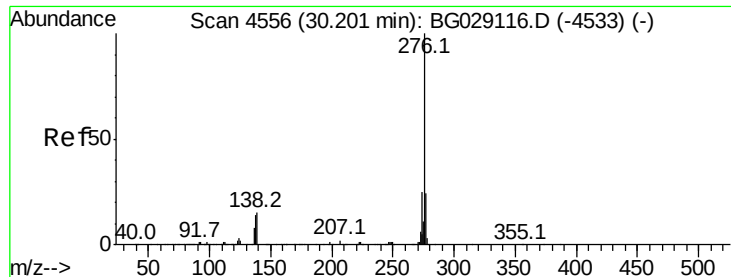
Tot Ion:252 Resp: 77048
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.3 8.2 12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.224 ng/ul
RT: 29.02 min Scan# 4354
Delta R.T. 0.01 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

Tgt Ion:276 Resp: 58454
Ion Ratio Lower Upper
276 100
138 15.8 14.4 21.6
277 30.6 18.0 27.0#





#29

Benzo(a,h,i)perylene

Concen: 2.291 ng/ul

RT: 30.21 min Scan# 4557

Delta R.T. 0.01 min

Lab File: BG029119.D

Acq: 9 Oct 2017 22:38

Instrument :

BNA_G

ClientSampleId :

DAH70

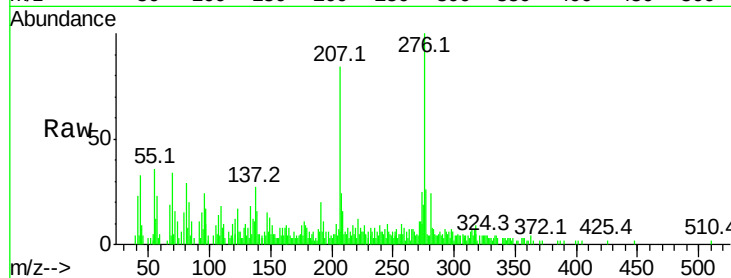
Tot Ion:276 Resp: 49637

Ion Ratio Lower Upper

276 100

138 15.5 15.3 22.9

277 25.6 19.0 28.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

