

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 06:43:46 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

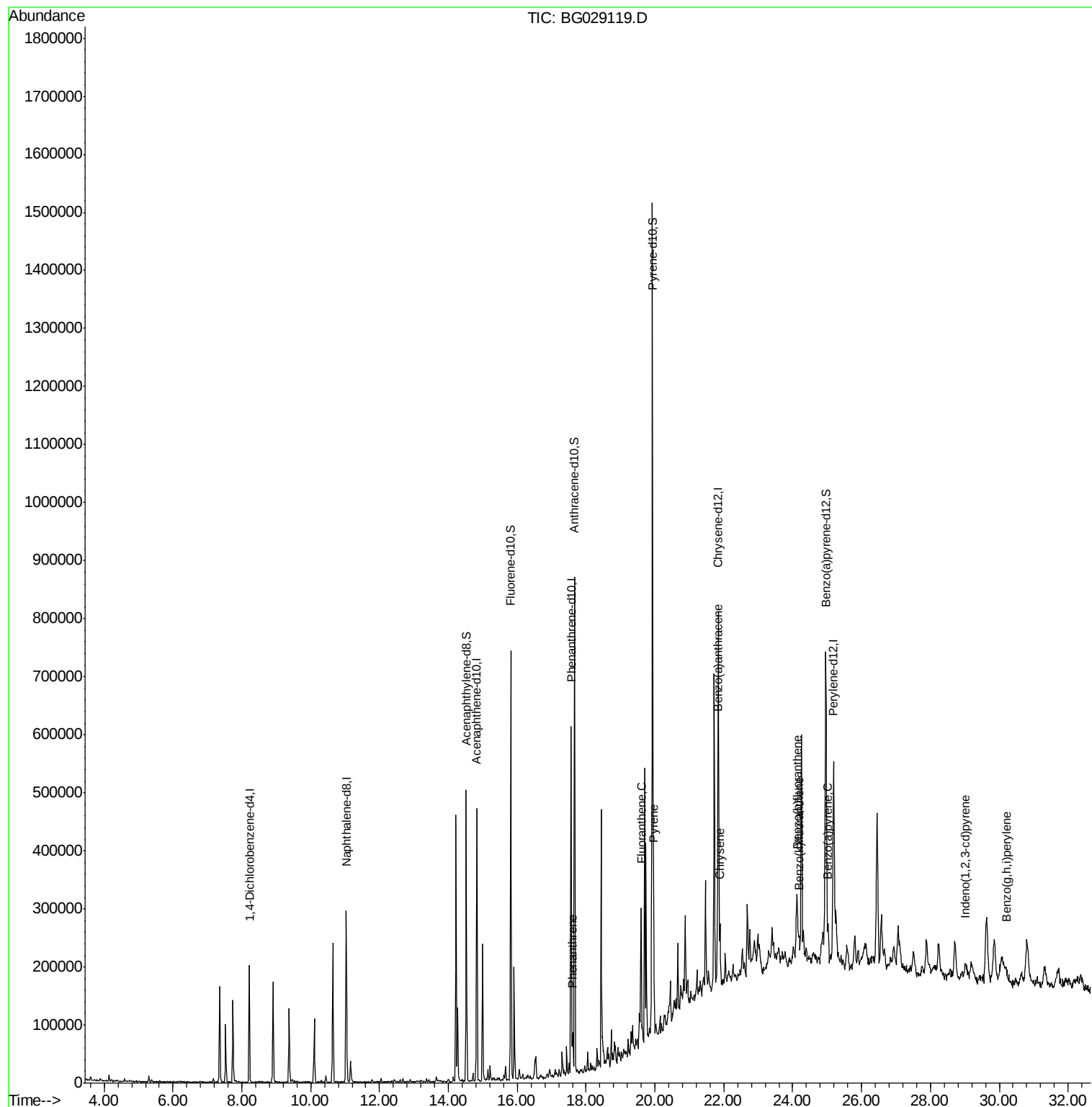
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	54758	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	252302	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	163931	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	365603	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	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
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

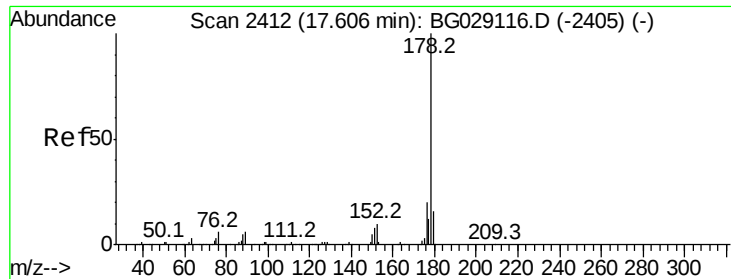
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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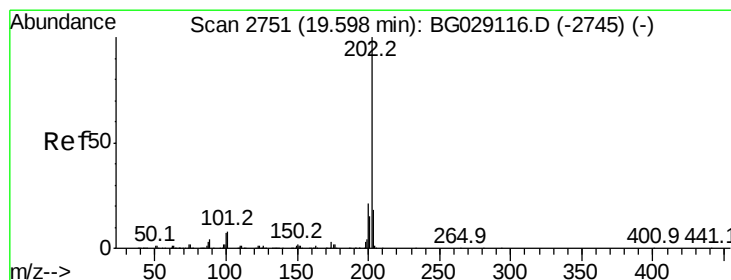
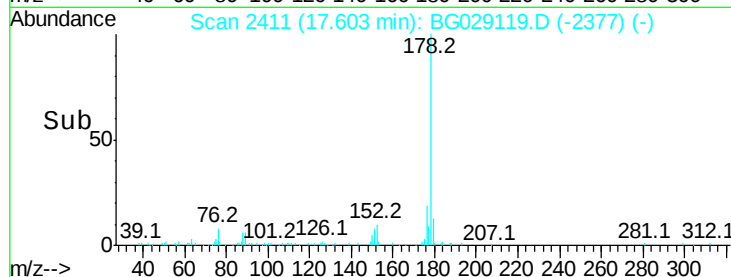
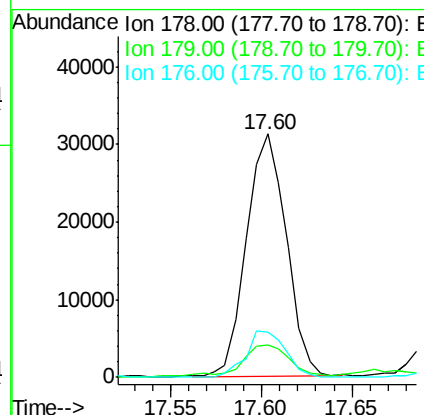
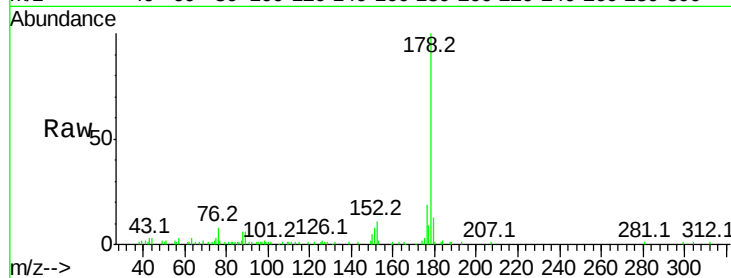




#13
Phenanthrene
Concen: 2.466 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

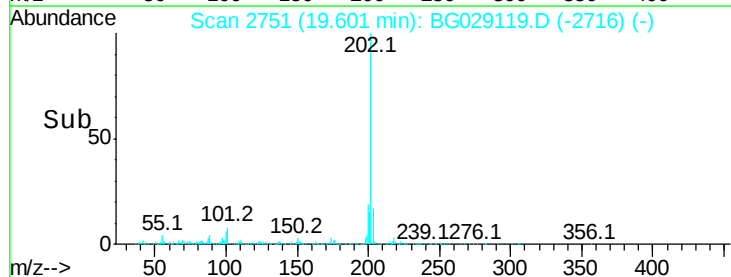
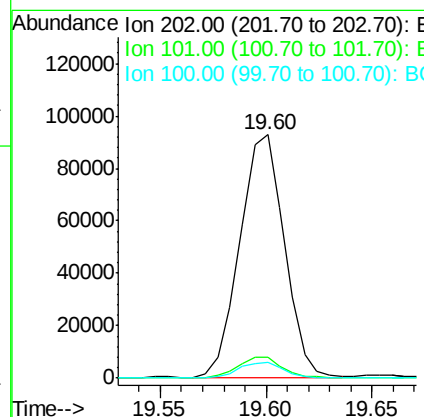
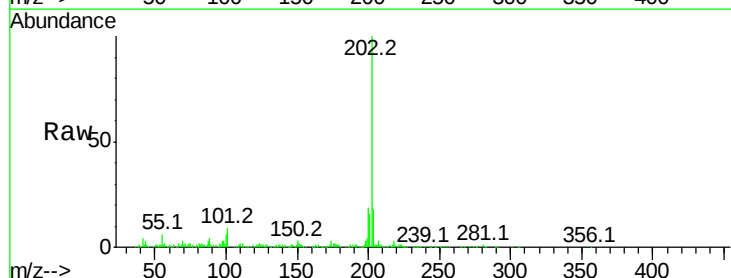
Instrument :
BNA_G
ClientSampleId :
DAH70

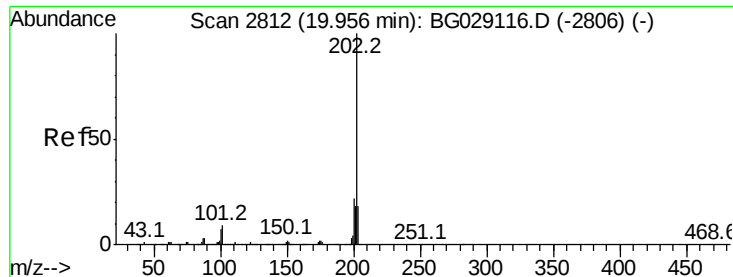
Tot Ion:178 Resp: 48083
Ion Ratio Lower Upper
178 100
179 13.2 12.3 18.5
176 18.6 15.1 22.7



#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

Tgt Ion:202 Resp: 134576
Ion Ratio Lower Upper
202 100
101 8.7 9.9 14.9#
100 6.3 7.4 11.0#





#19

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

DAH70

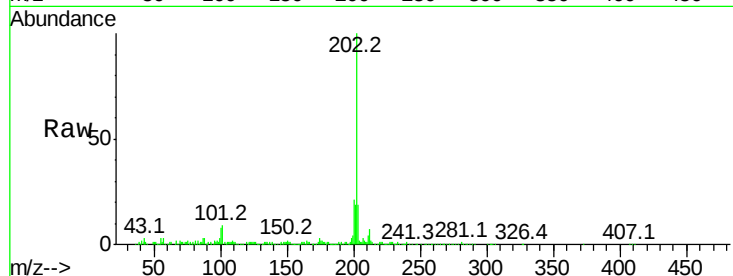
Tot Ion:202 Resp: 114491

Ion Ratio Lower Upper

202 100

101 9.0 11.0 16.4#

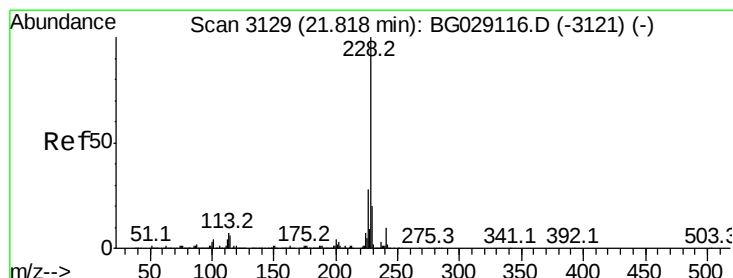
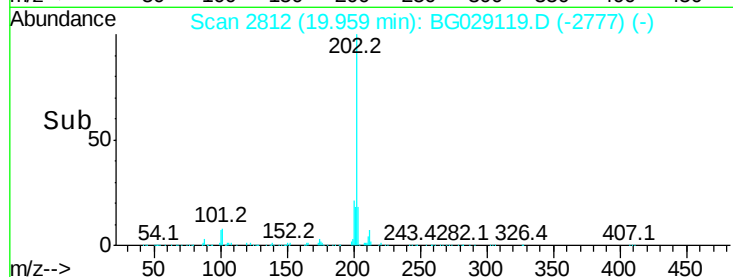
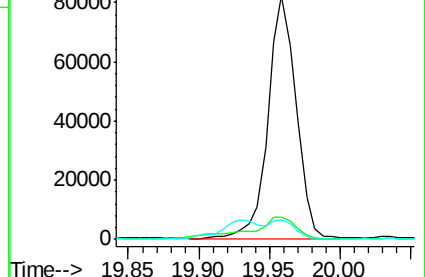
100 7.9 8.1 12.1#



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): E



#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

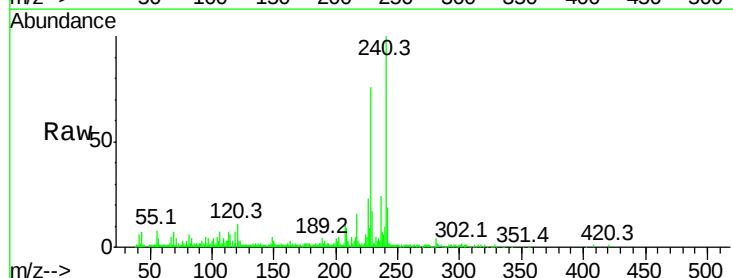
Tgt Ion:228 Resp: 75241

Ion Ratio Lower Upper

228 100

229 22.0 15.7 23.5

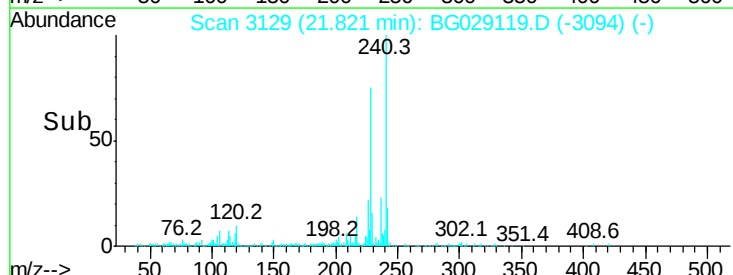
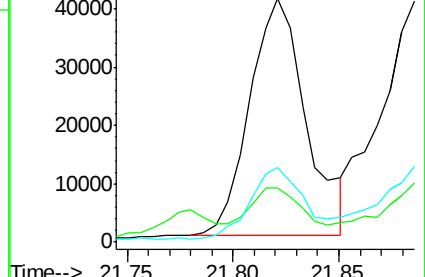
226 30.5 21.1 31.7

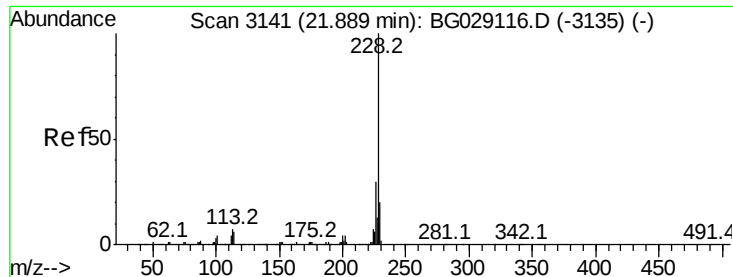


Abundance Ion 228.00 (227.70 to 228.70): E

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

Instrument :

BNA_G

ClientSampleId :

DAH70

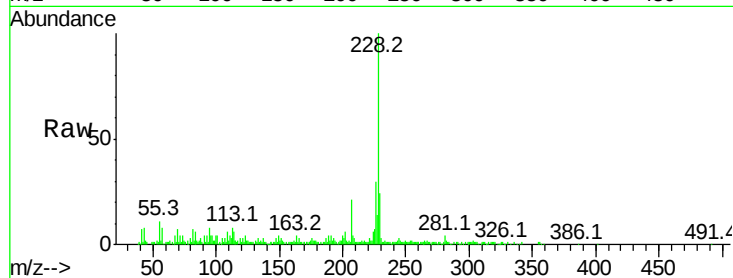
Tot Ion:228 Resp: 83856

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

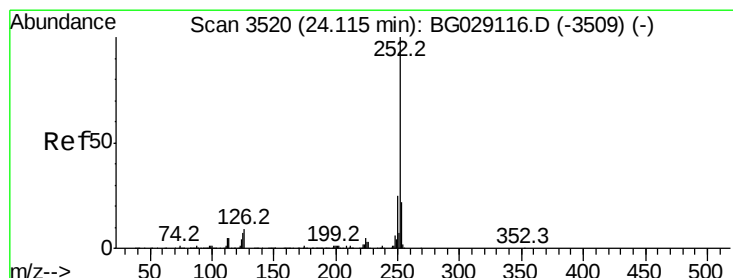
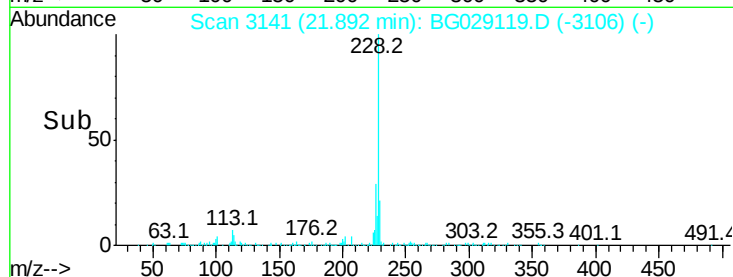
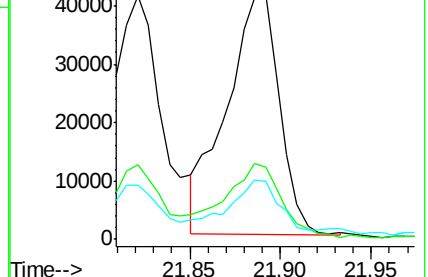
229 23.6 15.8 23.8



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

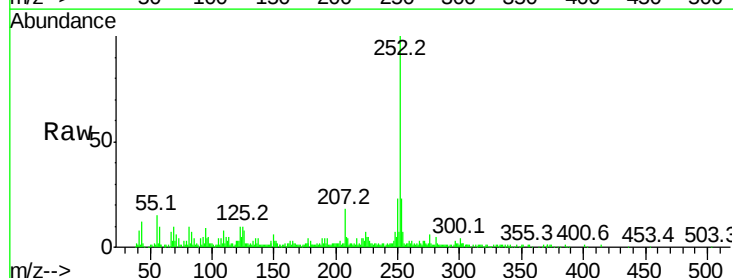
Tgt Ion:252 Resp: 130670

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

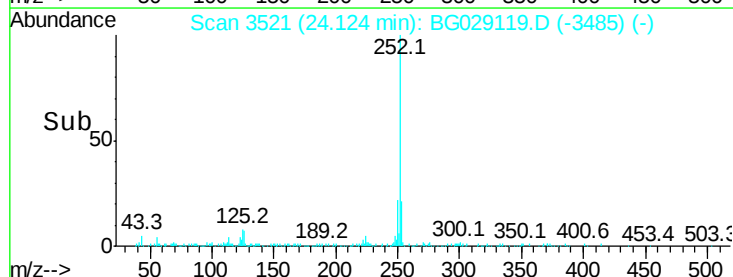
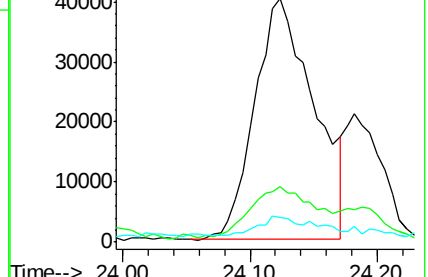
125 10.2 8.0 12.0

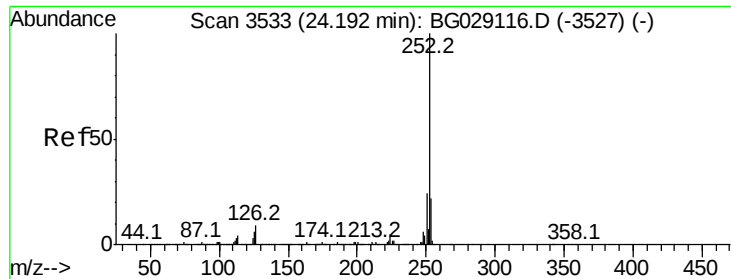


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

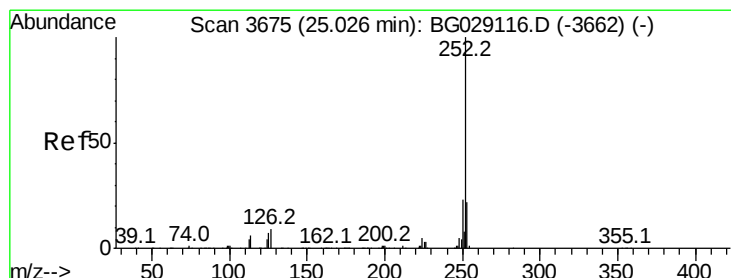
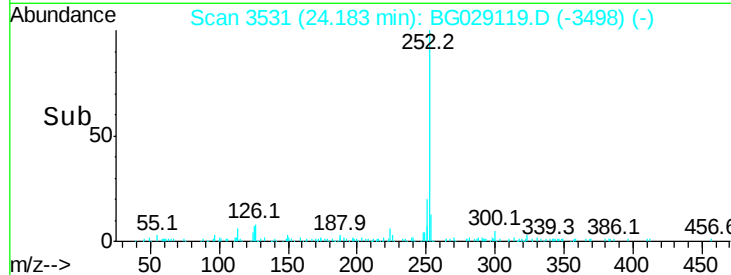
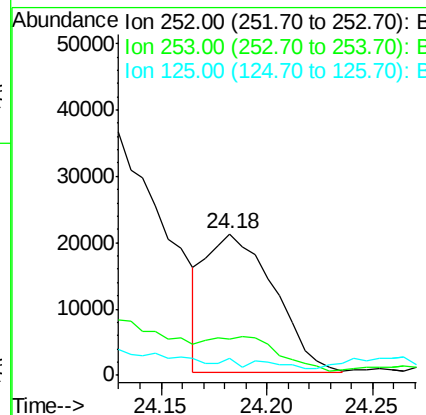
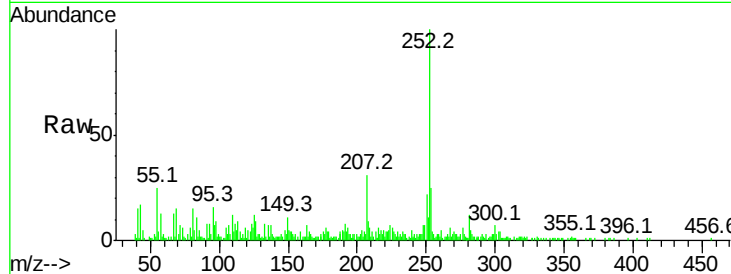




#24
Benzo(k)fluoranthene
Concen: 2.029 ng/ul
RT: 24.18 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG029119.D
Acq: 9 Oct 2017 22:38

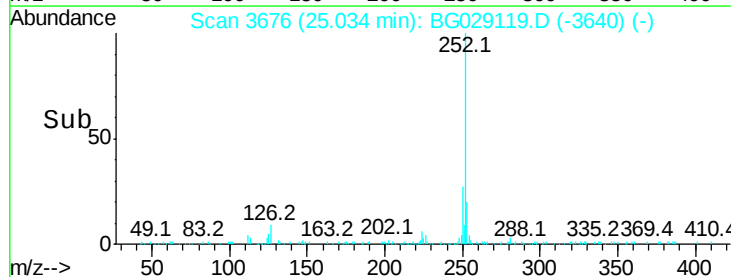
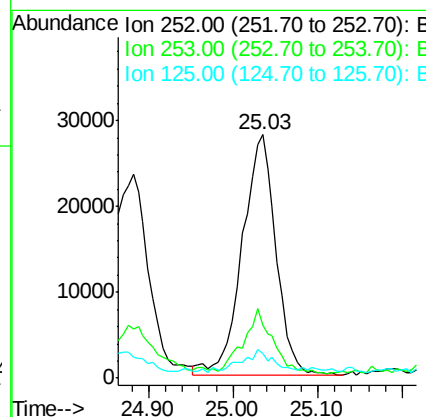
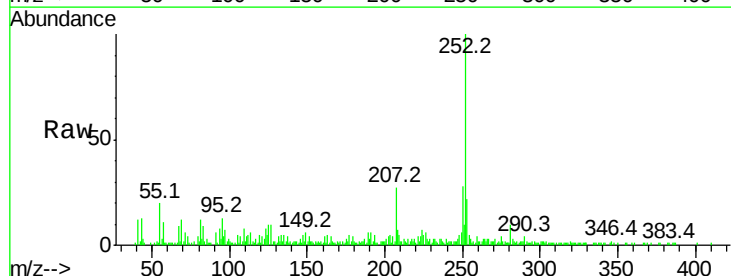
Instrument :
BNA_G
ClientSampleId :
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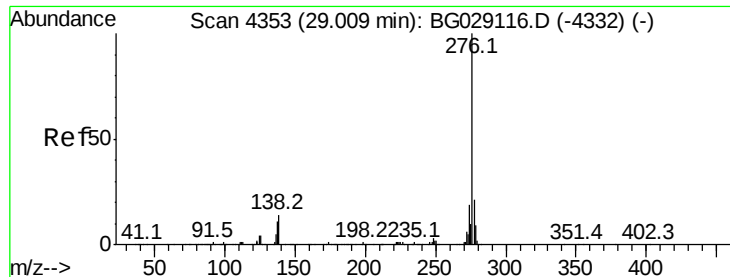
Tot Ion:252 Resp: 47198
Ion Ratio Lower Upper
252 100
253 25.4 18.0 27.0
125 11.8 8.1 12.1



#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

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



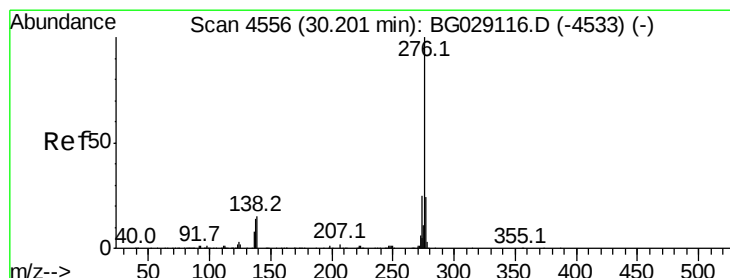
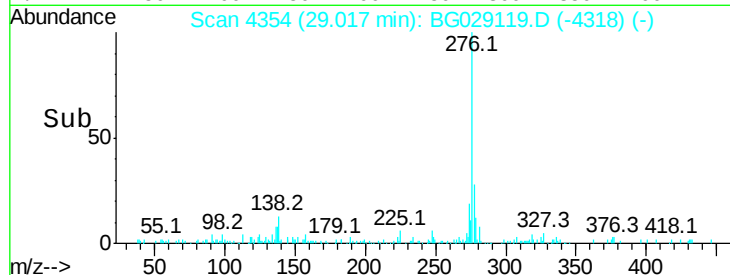
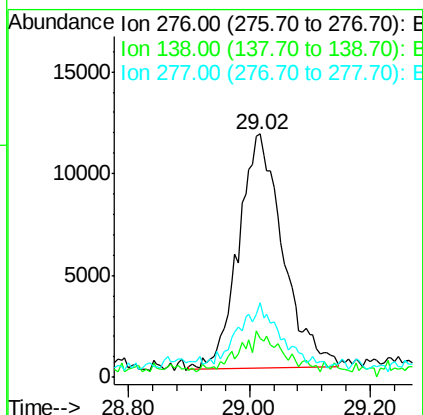
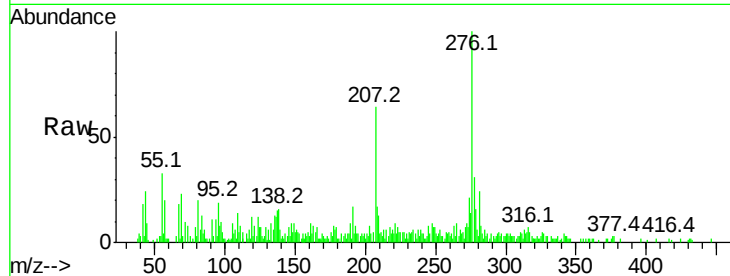


#27

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
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Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	14.4	21.6
277	30.6	18.0	27.0



#29

Benzo(g,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

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.3	22.9
277	25.6	19.0	28.4

