

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029107.D
 Acq On : 9 Oct 2017 14:39
 Operator : SJ/JU
 Sample : I5576-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGC4

Quant Time: Oct 10 04:47:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 04:45:55 2017
 Response via : Initial Calibration

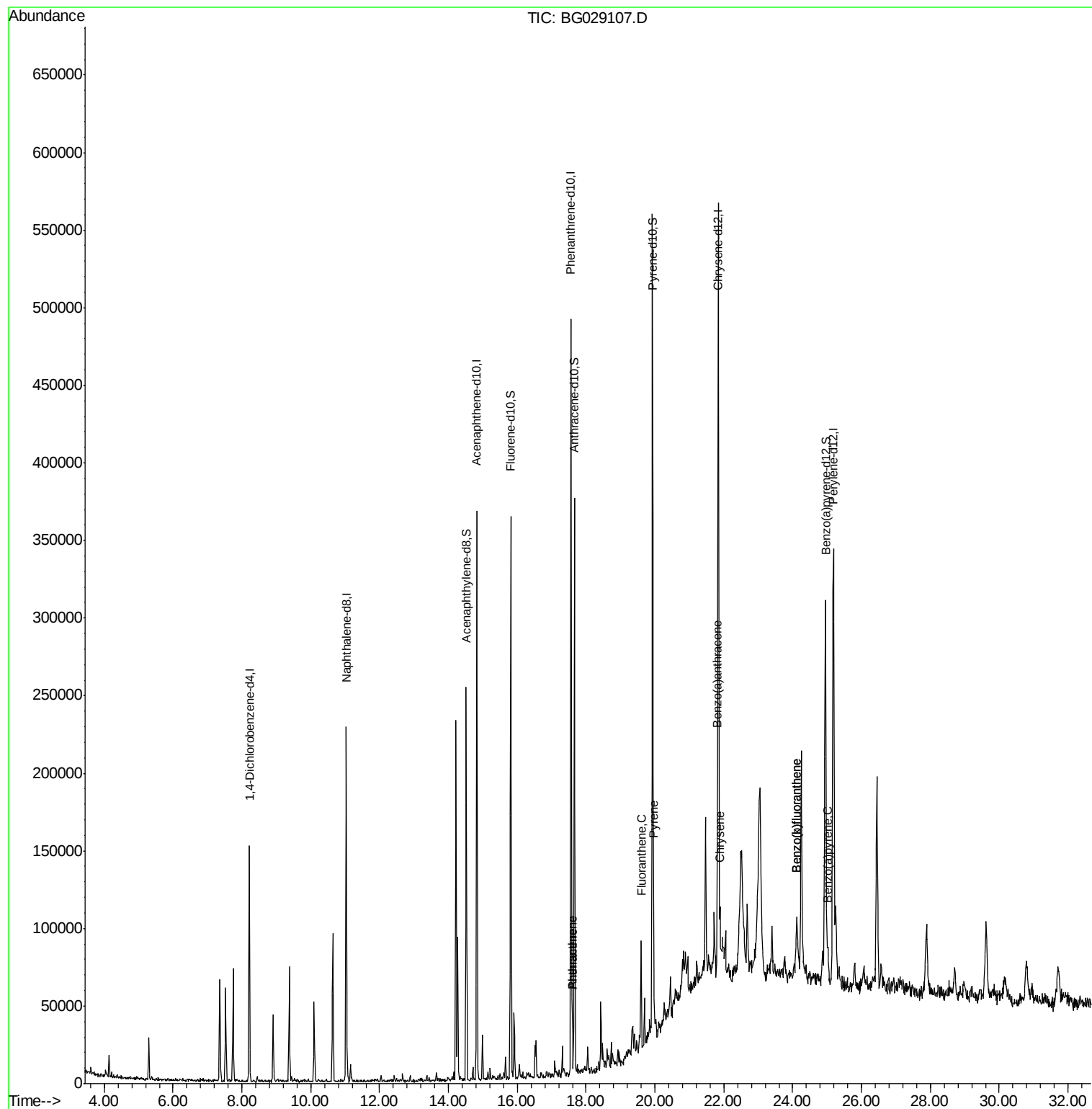
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	41495	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	195184	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.82	164	131615	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	299641	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	308284	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	317471	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	192420	14.06	ng/ul	0.00
10) Fluorene-d10	15.81	176	153990	15.51	ng/ul	0.00
14) Anthracene-d10	17.66	188	216251	14.90	ng/ul	0.00
18) Pyrene-d10	19.93	212	277661	17.60	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.95	264	243185	15.99	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	16923	1.059	ng/ul	98
15) Anthracene	17.60	178	16923	1.035	ng/ul	97
16) Fluoranthene	19.60	202	39896	2.129	ng/ul#	94
19) Pyrene	19.96	202	35118	1.827	ng/ul#	91
20) Benzo(a)anthracene	21.81	228	25354	1.396	ng/ul	96
21) Chrysene	21.88	228	26651	1.603	ng/ul#	95
23) Benzo(b)fluoranthene	24.12	252	39144	2.061	ng/ul	99
24) Benzo(k)fluoranthene	24.12	252	39144	2.112	ng/ul	99
26) Benzo(a)pyrene	25.02	252	23937	1.298	ng/ul	98

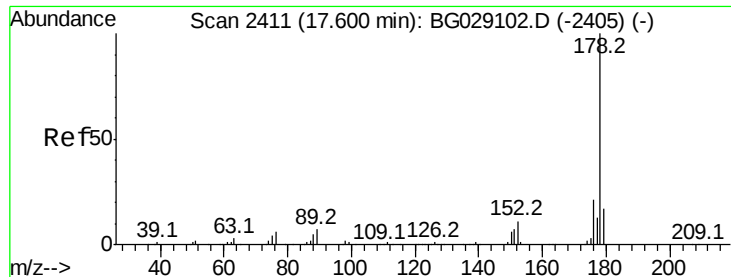
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.059 ng/ul

RT: 17.60 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

Instrument :

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ClientSampleId :

DAGC4

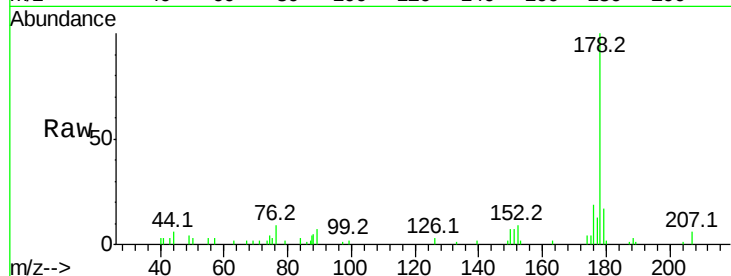
Tot Ion:178 Resp: 16923

Ion Ratio Lower Upper

178 100

179 17.0 12.3 18.5

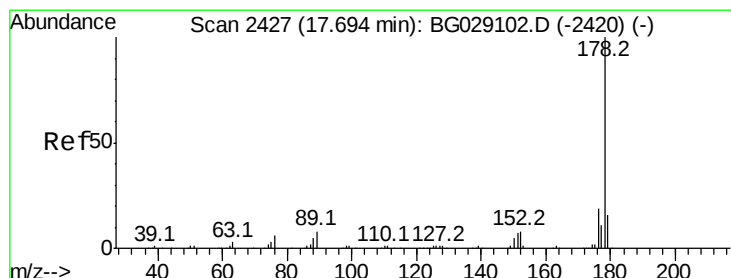
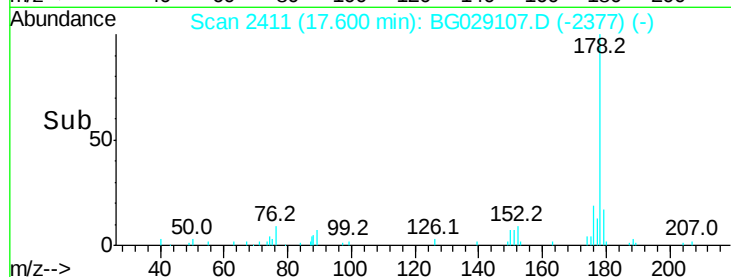
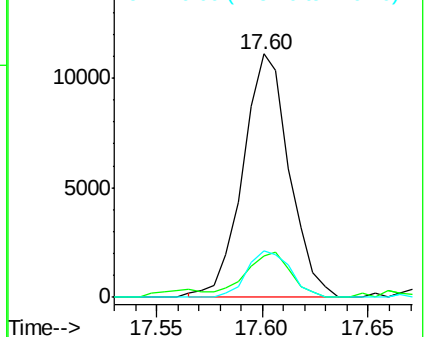
176 19.3 15.1 22.7



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



#15

Anthracene

Concen: 1.035 ng/ul

RT: 17.60 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

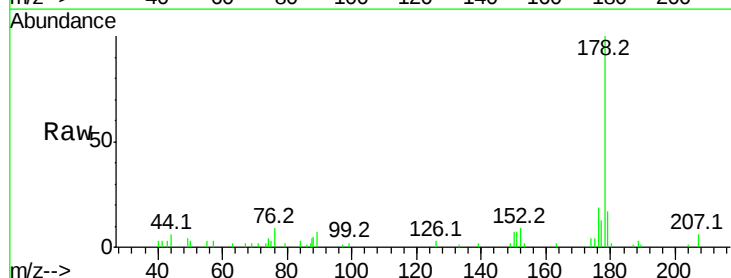
Tgt Ion:178 Resp: 16923

Ion Ratio Lower Upper

178 100

179 17.0 11.8 17.8

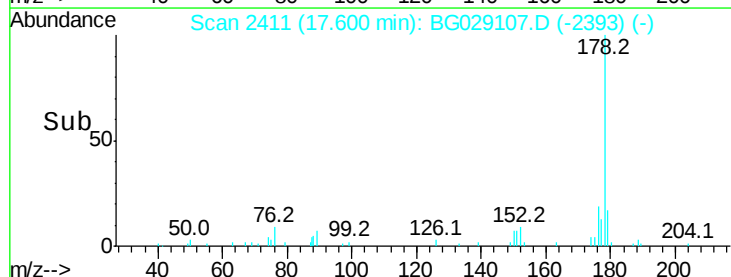
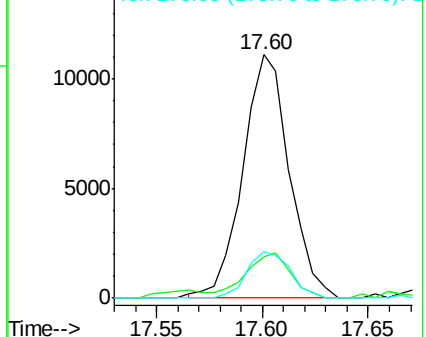
176 19.3 15.2 22.8

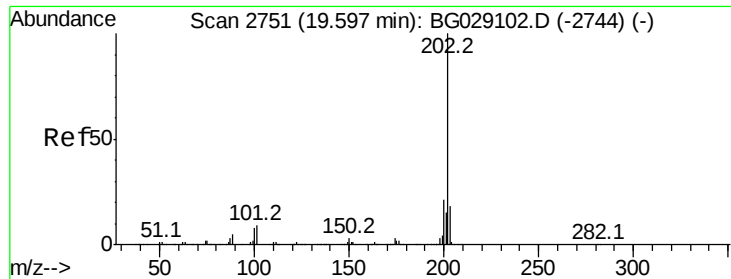


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 2.129 ng/ul

RT: 19.60 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

Instrument :

BNA_G

ClientSampleId :

DAGC4

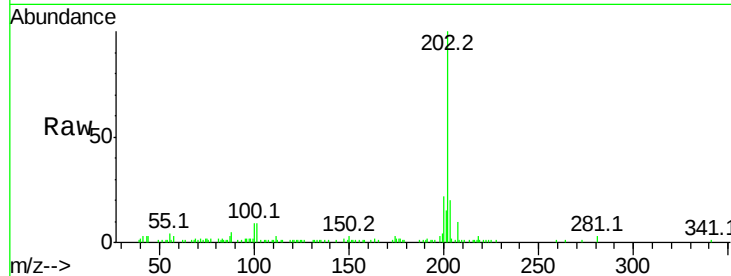
Tot Ion:202 Resp: 39896

Ion Ratio Lower Upper

202 100

101 9.0 9.9 14.9#

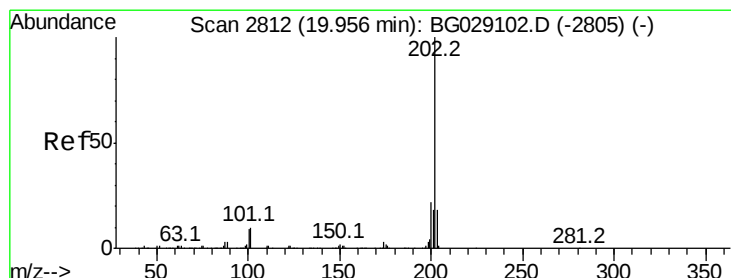
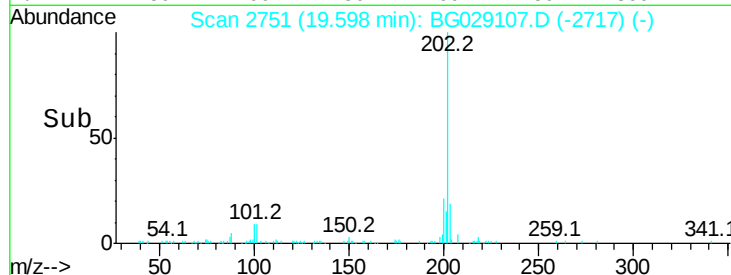
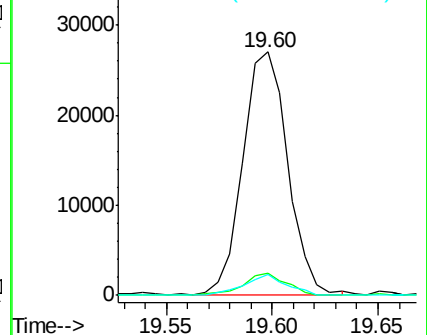
100 8.7 7.4 11.0



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



#19

Pyrene

Concen: 1.827 ng/ul

RT: 19.96 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

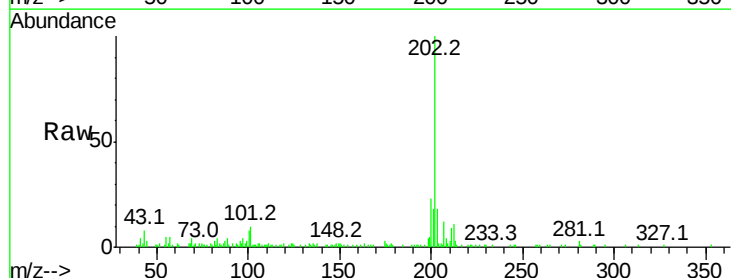
Tgt Ion:202 Resp: 35118

Ion Ratio Lower Upper

202 100

101 9.5 11.0 16.4#

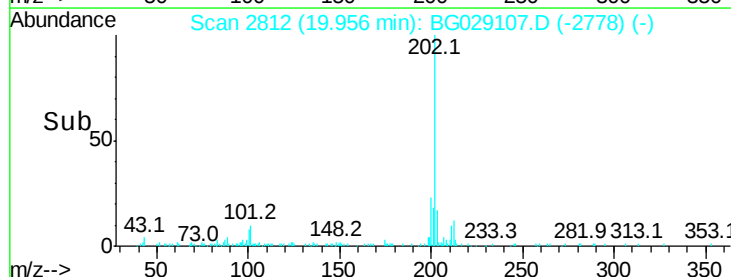
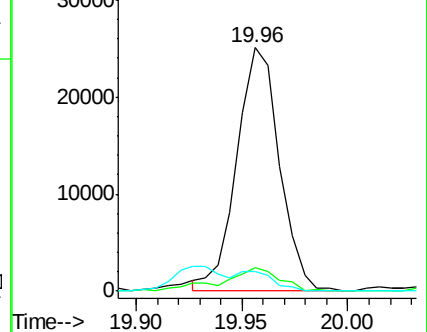
100 7.8 8.1 12.1#

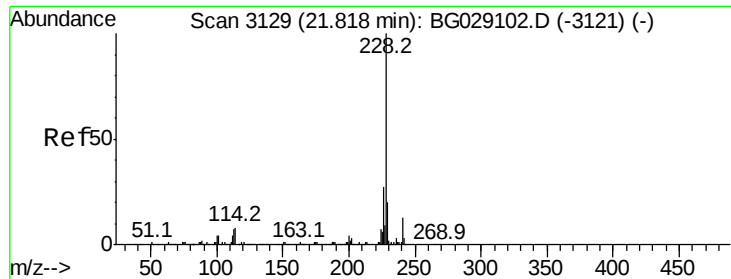


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

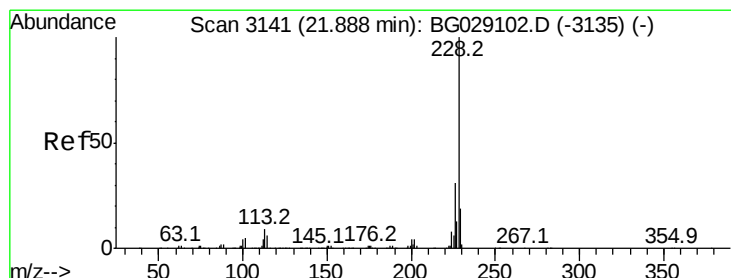
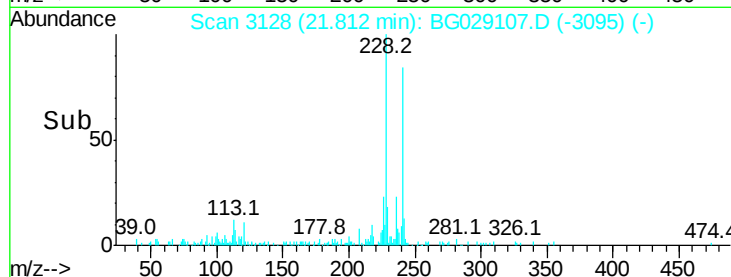
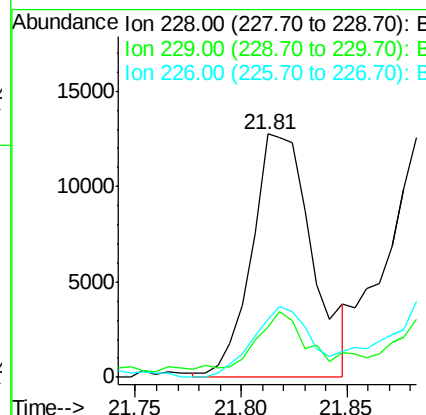
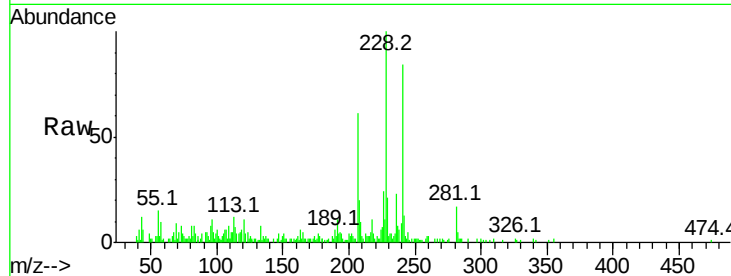




#20
Benzo(a)anthracene
Concen: 1.396 ng/ul
RT: 21.81 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG029107.D
Acq: 9 Oct 2017 14:39

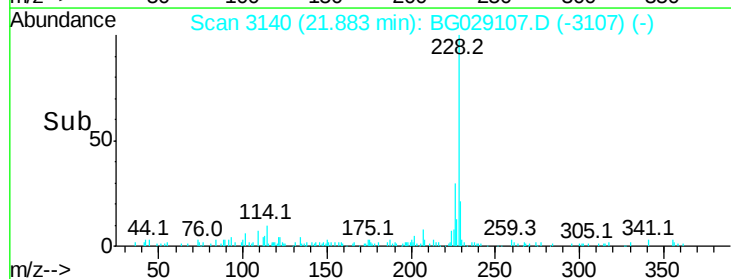
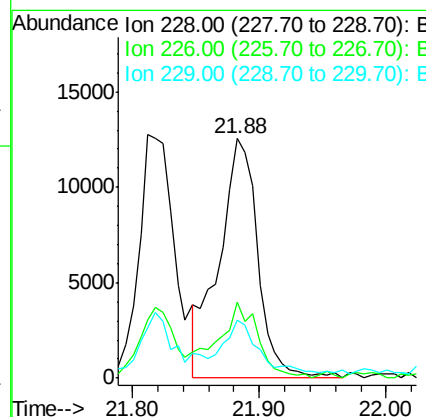
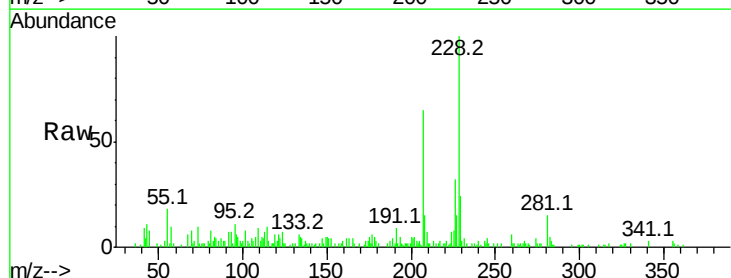
Instrument :
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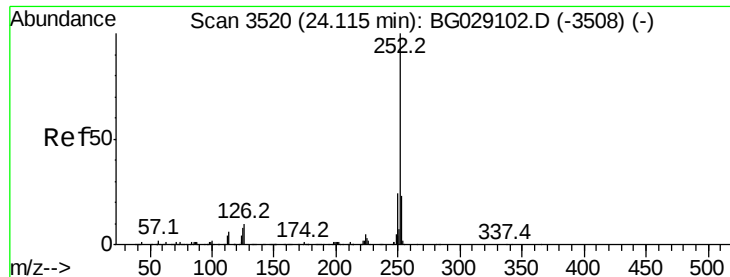
Tot Ion:228 Resp: 25354
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 24.0 21.1 31.7



#21
Chrysene
Concen: 1.603 ng/ul
RT: 21.88 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG029107.D
Acq: 9 Oct 2017 14:39

Tgt Ion:228 Resp: 26651
Ion Ratio Lower Upper
228 100
226 31.7 24.5 36.7
229 24.3 15.8 23.8#





#23

Benzo(b)fluoranthene

Concen: 2.061 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

Instrument :

BNA_G

ClientSampleId :

DAGC4

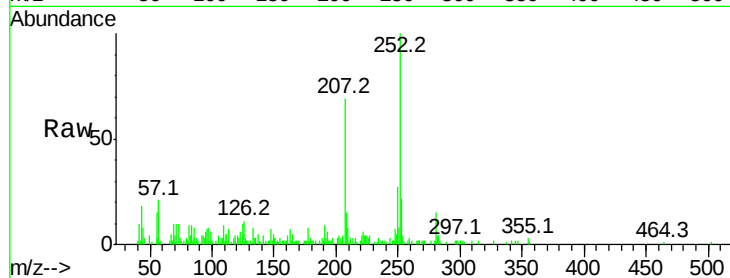
Tot Ion:252 Resp: 39144

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

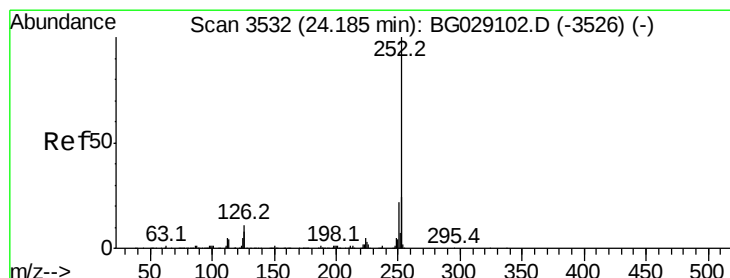
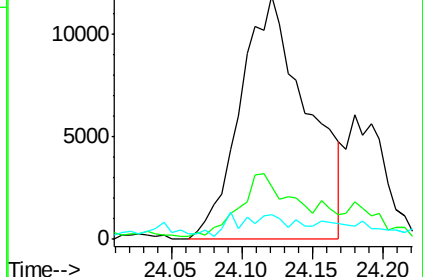
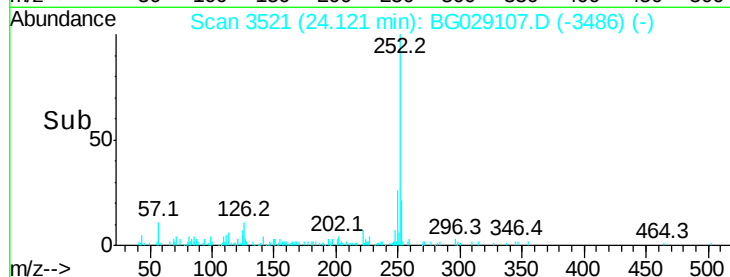
125 10.3 8.0 12.0



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: 2.112 ng/ul

RT: 24.12 min Scan# 3521

Delta R.T. -0.06 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

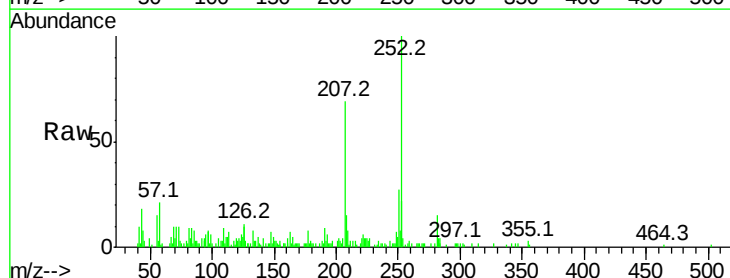
Tgt Ion:252 Resp: 39144

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

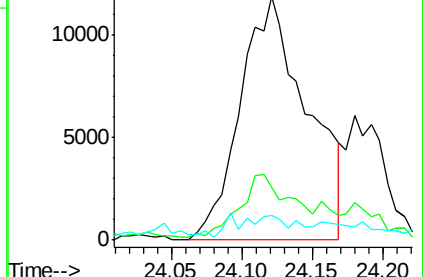
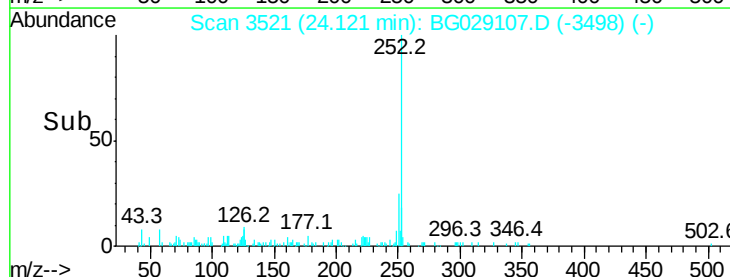
125 10.3 8.1 12.1

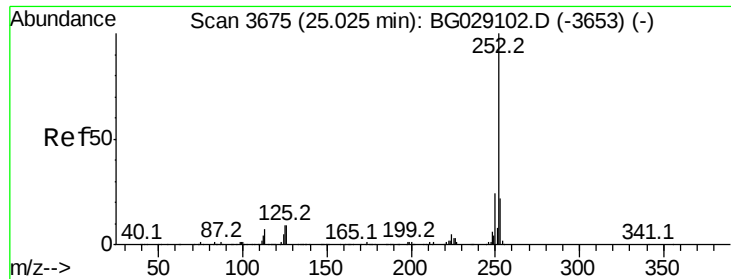


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.298 ng/ul

RT: 25.02 min Scan# 3674

Delta R.T. -0.01 min

Lab File: BG029107.D

Acq: 9 Oct 2017 14:39

Instrument :

BNA_G

ClientSampleId :

DAGC4

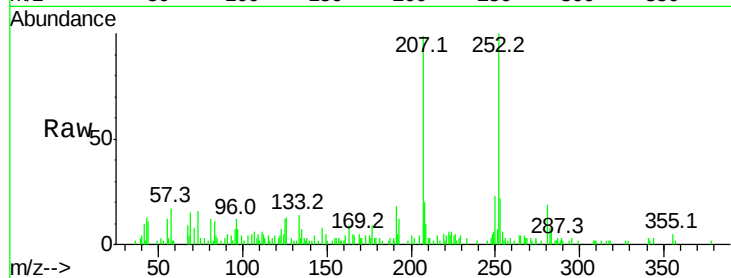
Tot Ion:252 Resp: 23937

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 12.2 8.2 12.4



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

