

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027020.D
 Acq On : 19 May 2017 1:52
 Operator : SJ/MA
 Sample : I3137-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC35

Quant Time: May 19 03:21:15 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 03:12:01 2017
 Response via : Initial Calibration

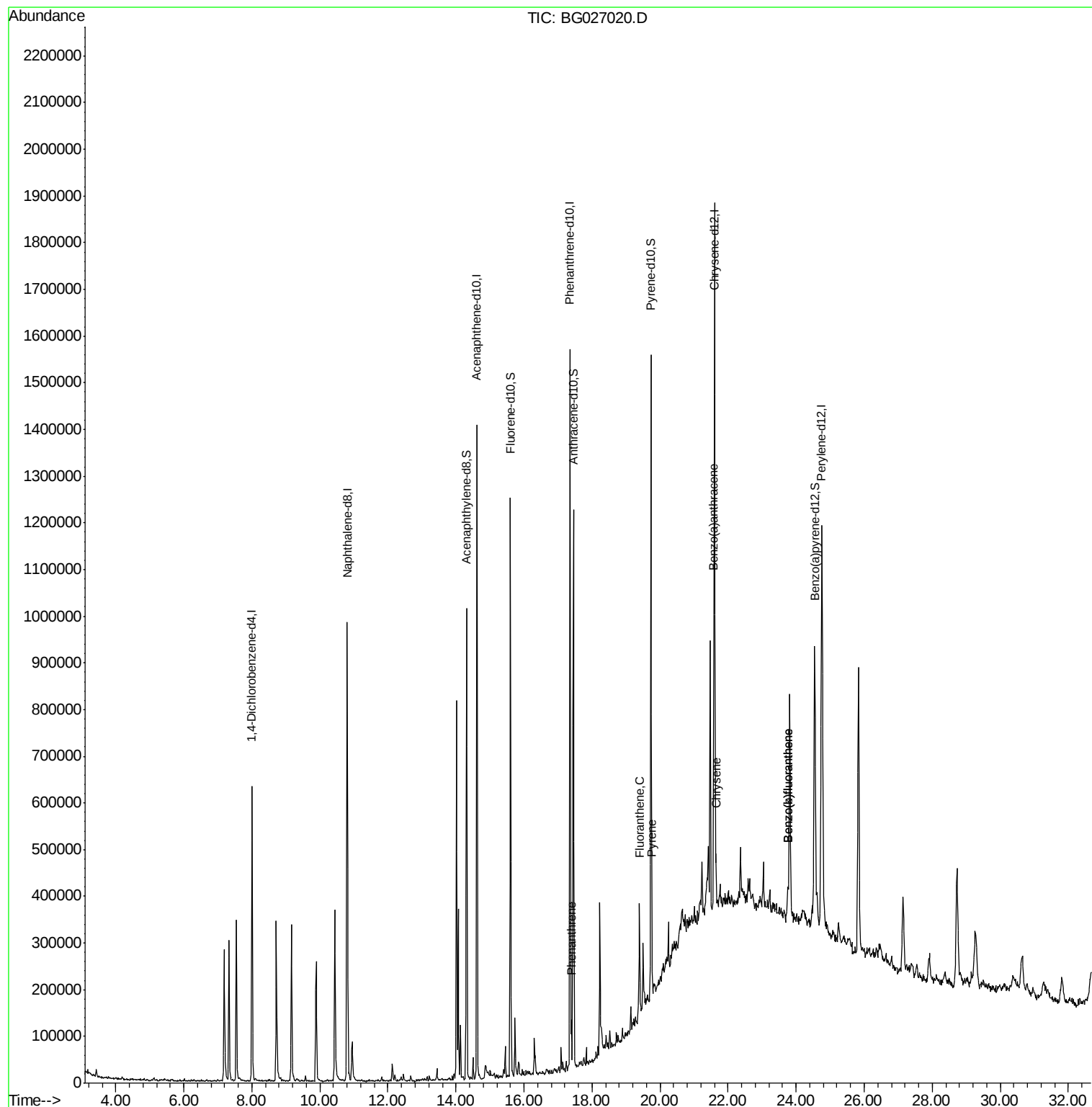
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	187667	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	914855	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	489730	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	905835	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	810101	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	814630	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	778006	15.49	ng/ul	0.00
10) Fluorene-d10	15.60	176	508792	15.18	ng/ul	0.00
14) Anthracene-d10	17.45	188	690995	15.65	ng/ul	0.00
18) Pyrene-d10	19.73	212	666427	15.76	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	593736	14.67	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.39	178	61919	1.22	ng/ul	Qvalue 99
16) Fluoranthene	19.40	202	113039	2.18	ng/ul#	91
19) Pyrene	19.76	202	95963	1.81	ng/ul#	89
20) Benzo(a)anthracene	21.57	228	59065	1.21	ng/ul#	92
21) Chrysene	21.64	228	66903	1.49	ng/ul	96
23) Benzo(b)fluoranthene	23.76	252	72538	1.50	ng/ul#	80
24) Benzo(k)fluoranthene	23.76	252	72538	1.46	ng/ul#	80

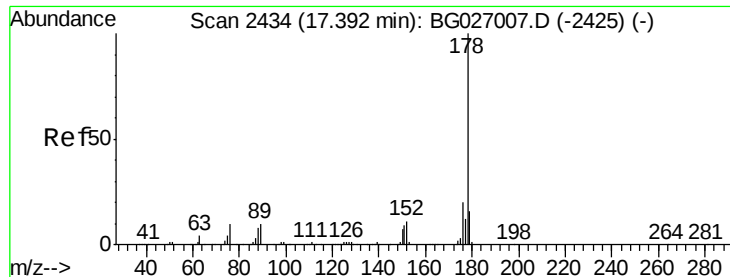
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.22 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

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BNA_G

ClientSampleId :

DAC35

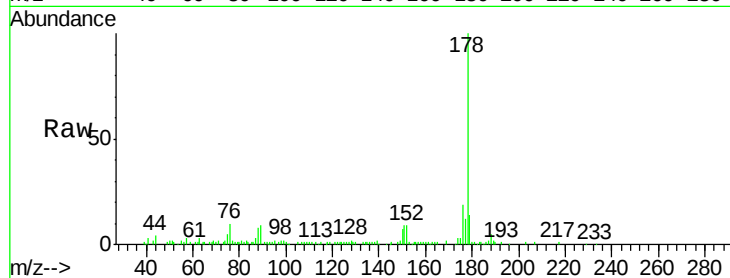
Tgt Ion:178 Resp: 61919

Ion Ratio Lower Upper

178 100

179 14.4 12.3 18.5

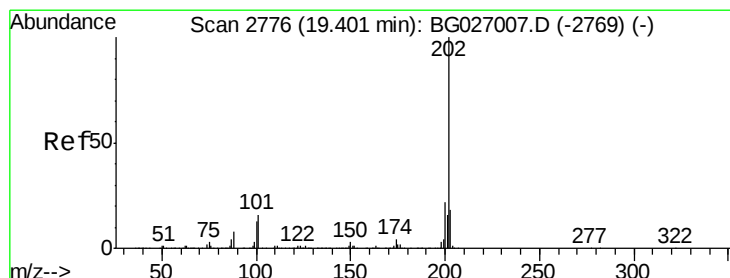
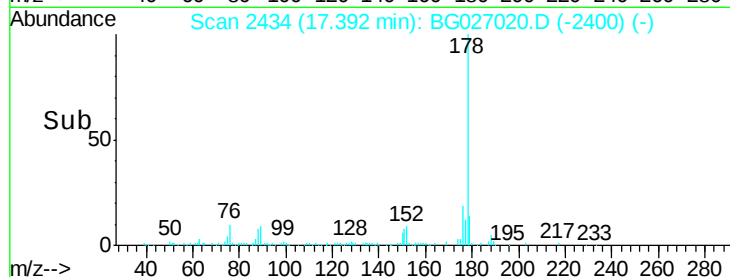
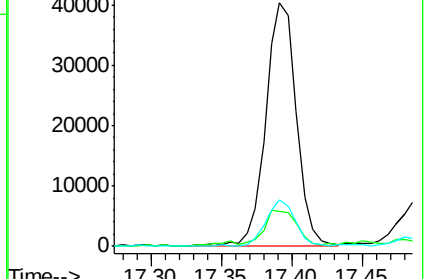
176 19.2 15.1 22.7



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



#16

Fluoranthene

Concen: 2.18 ng/ul

RT: 19.40 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

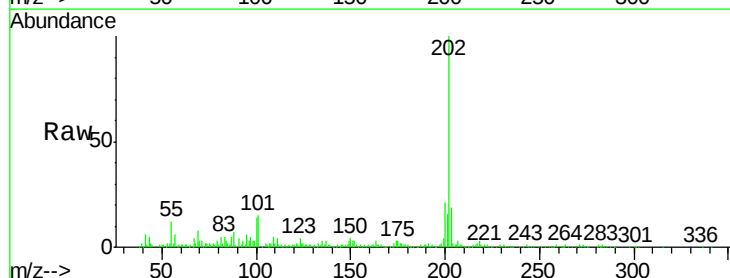
Tgt Ion:202 Resp: 113039

Ion Ratio Lower Upper

202 100

101 14.7 9.9 14.9

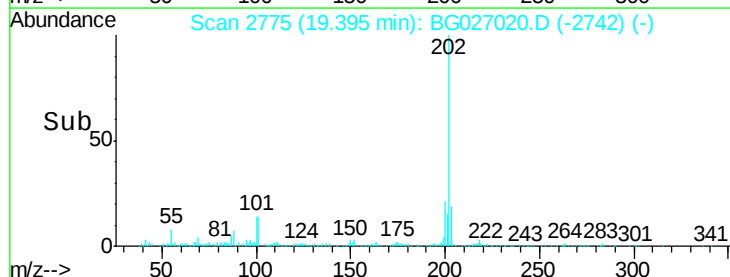
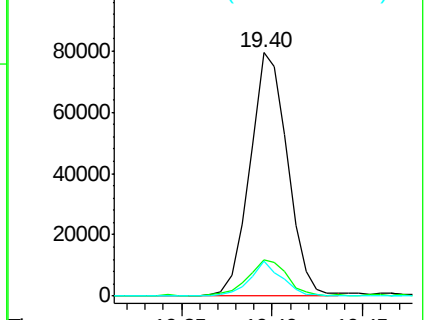
100 14.1 7.4 11.0#

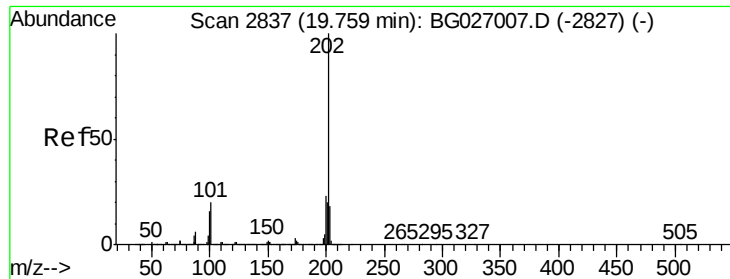


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 1.81 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

Instrument :

BNA_G

ClientSampleId :

DAC35

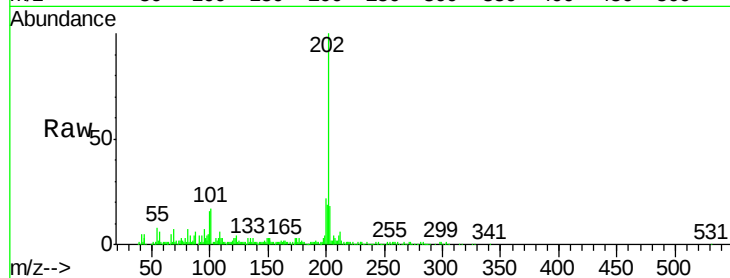
Tgt Ion:202 Resp: 95963

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

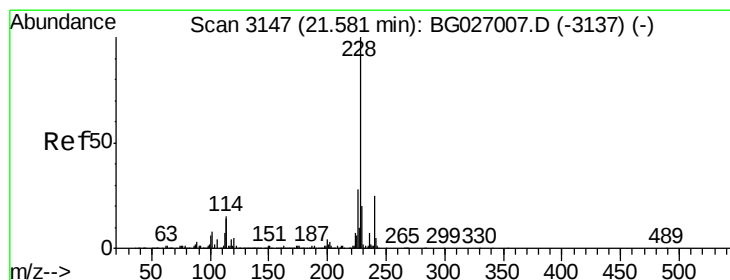
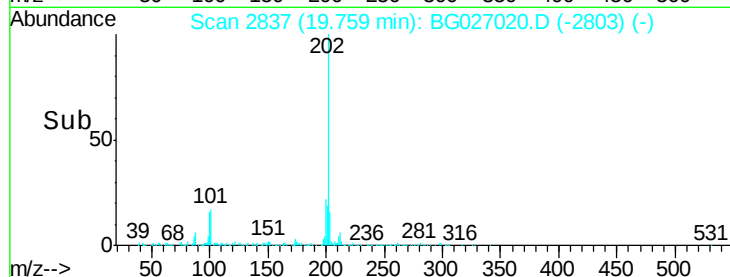
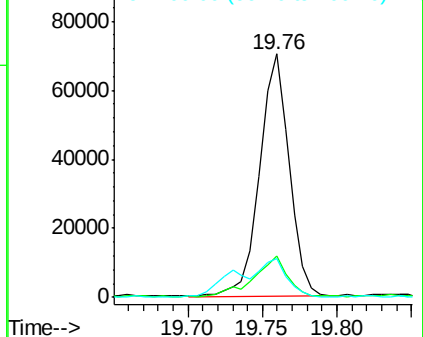
100 15.8 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 1.21 ng/ul

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

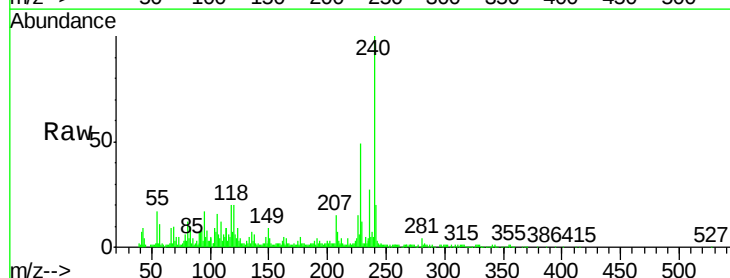
Tgt Ion:228 Resp: 59065

Ion Ratio Lower Upper

228 100

229 24.1 15.7 23.5#

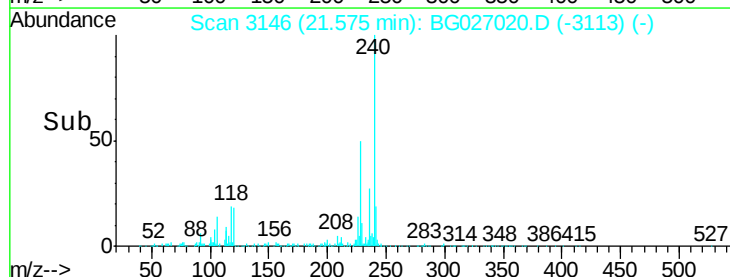
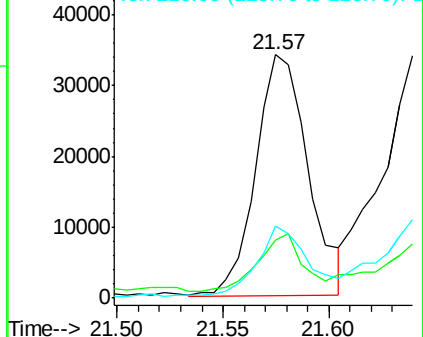
226 29.7 21.1 31.7

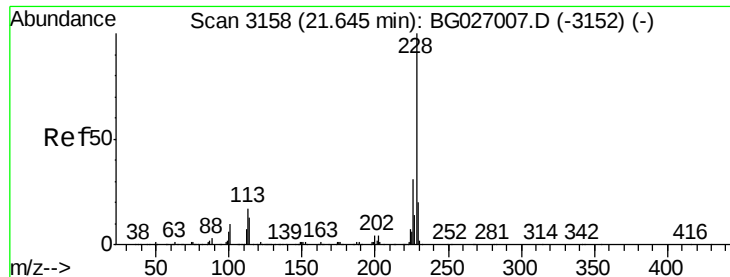


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.49 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

Instrument :

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DAC35

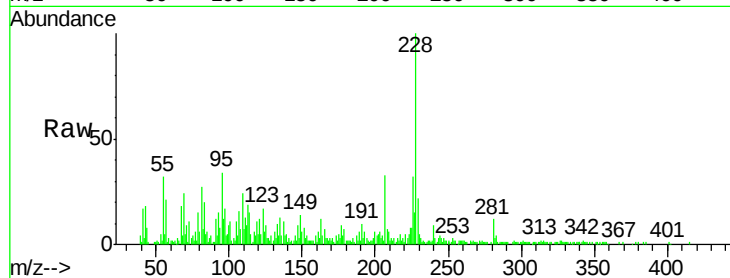
Tgt Ion:228 Resp: 66903

Ion Ratio Lower Upper

228 100

226 32.1 24.5 36.7

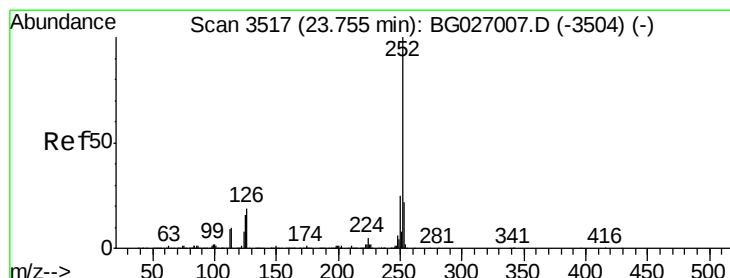
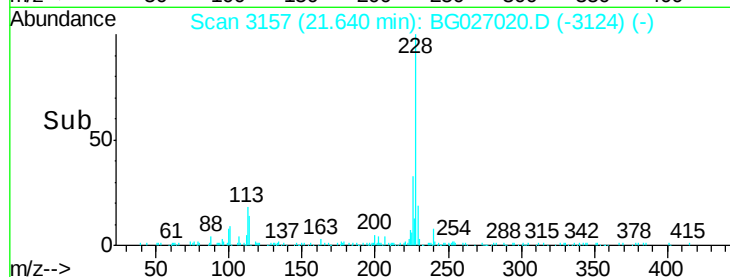
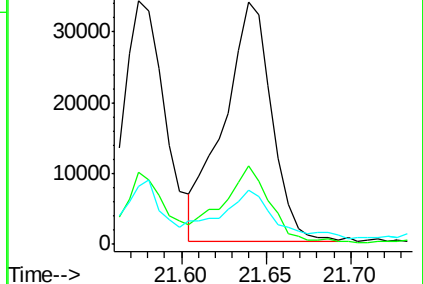
229 22.5 15.8 23.8



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: 1.50 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.01 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

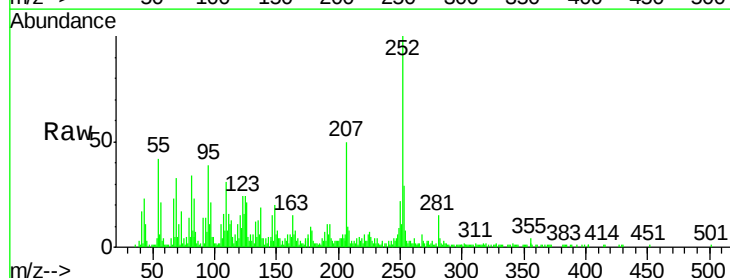
Tgt Ion:252 Resp: 72538

Ion Ratio Lower Upper

252 100

253 28.6 18.0 27.0#

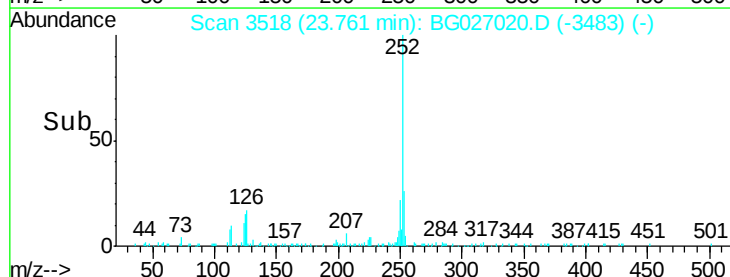
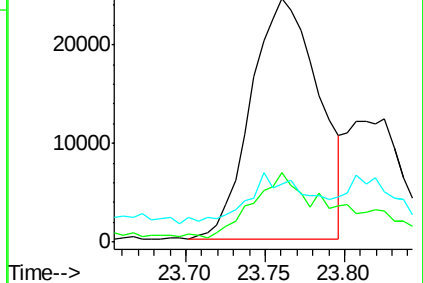
125 23.7 8.0 12.0#

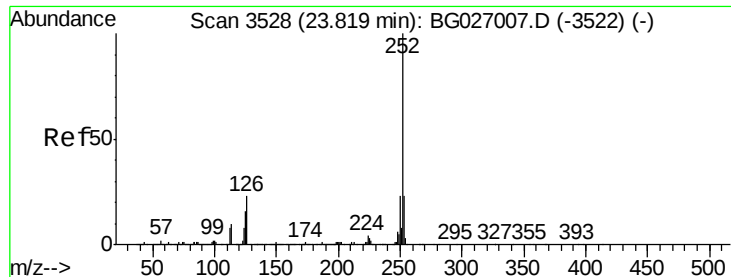


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.46 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. -0.06 min

Lab File: BG027020.D

Acq: 19 May 2017 1:52

Instrument :

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ClientSampleId :

DAC35

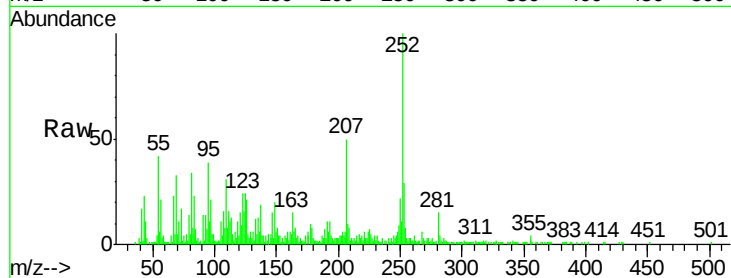
Tgt Ion: 252 Resp: 72538

Ion Ratio Lower Upper

252 100

253 28.6 18.0 27.0#

125 23.7 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

