

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027019.D
 Acq On : 19 May 2017 1:12
 Operator : SJ/MA
 Sample : I3137-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC22MSD

Quant Time: May 19 03:21:07 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

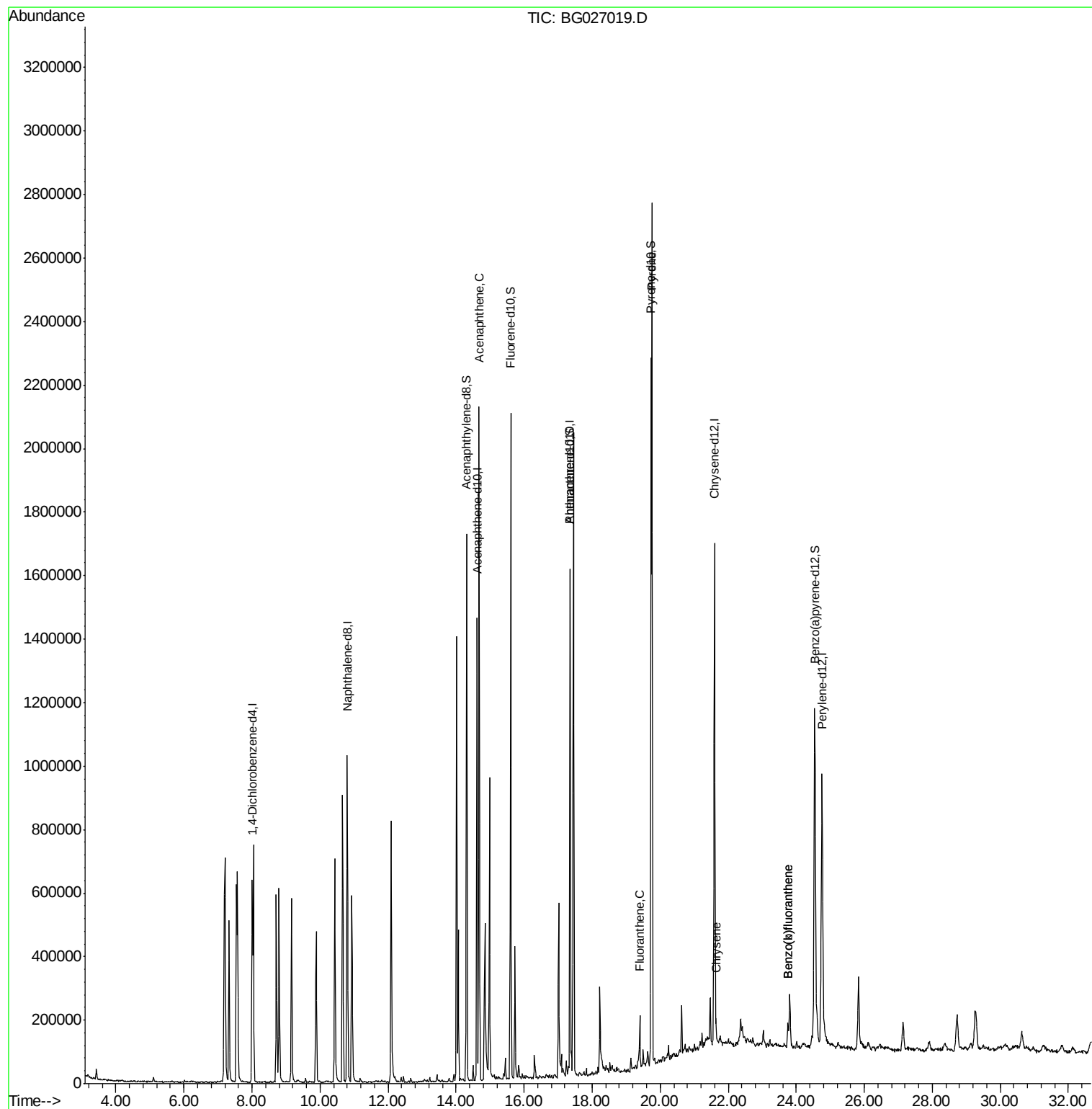
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	192176	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	917424	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	497470	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	934831	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	846486	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	852560	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1270579	24.90	ng/ul	0.00
10) Fluorene-d10	15.60	176	824797	24.23	ng/ul	0.00
14) Anthracene-d10	17.35	188	934831	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	1123947	25.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	1037015	24.48	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	900660	25.65	ng/ul	Qvalue 96
16) Fluoranthene	19.40	202	85567	1.60	ng/ul#	93
19) Pyrene	19.76	202	1510416	27.30	ng/ul#	87
21) Chrysene	21.64	228	52311	1.12	ng/ul	97
23) Benzo(b)fluoranthene	23.76	252	70828	1.40	ng/ul#	89
24) Benzo(k)fluoranthene	23.76	252	70828	1.36	ng/ul#	90

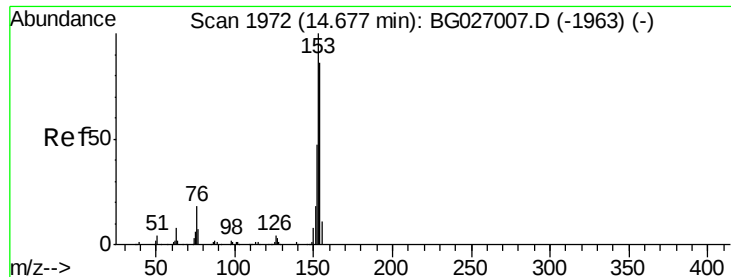
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 25.65 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

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BNA_G

ClientSampleId :

DAC22MSD

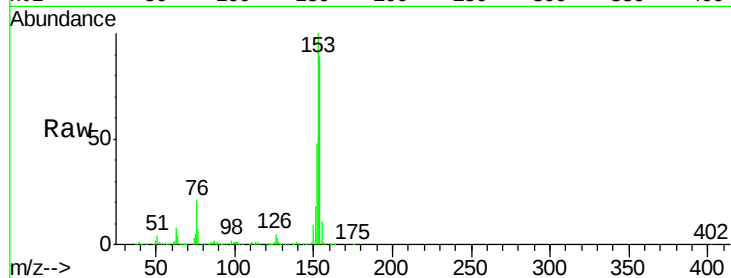
Tgt Ion:153 Resp: 900660

Ion Ratio Lower Upper

153 100

152 48.4 39.0 58.6

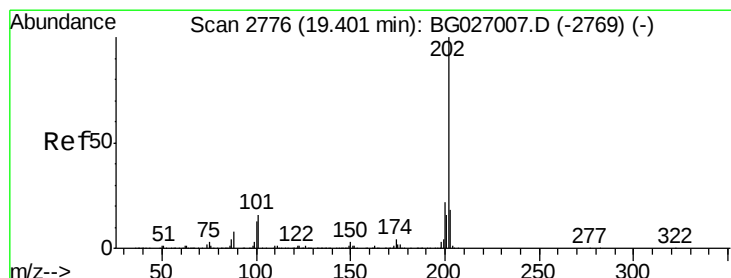
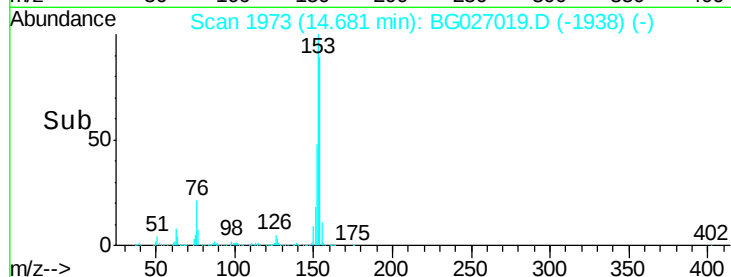
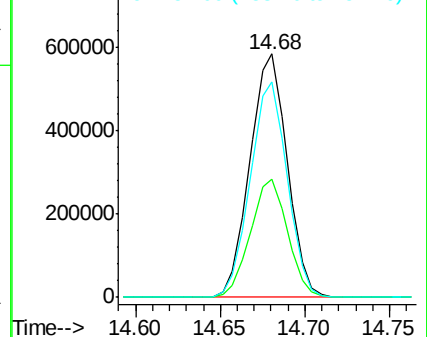
154 88.6 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#16

Fluoranthene

Concen: 1.60 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

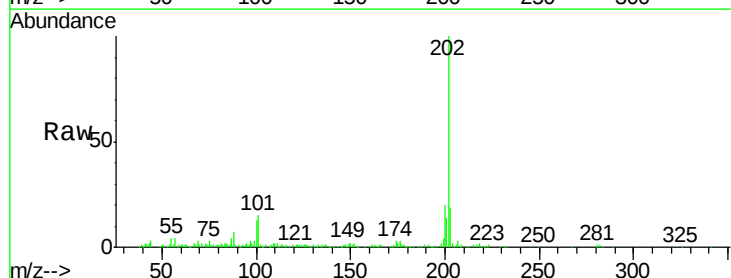
Tgt Ion:202 Resp: 85567

Ion Ratio Lower Upper

202 100

101 14.5 9.9 14.9

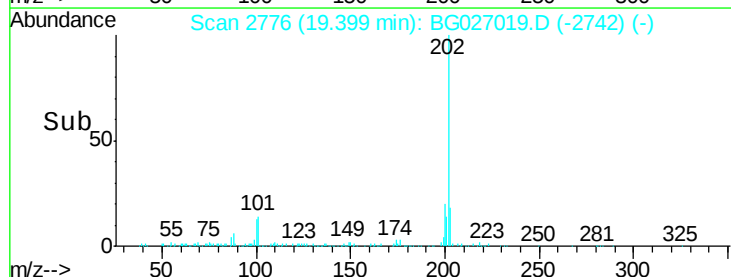
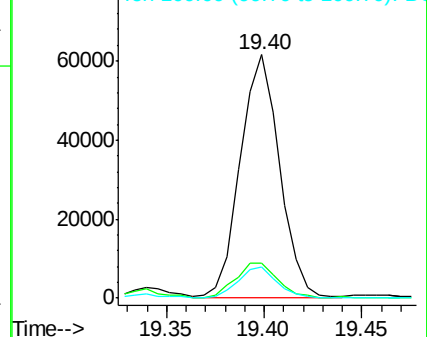
100 12.7 7.4 11.0#

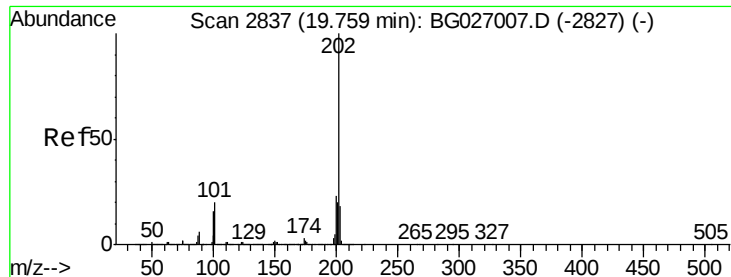


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 27.30 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

Instrument :

BNA_G

ClientSampleId :

DAC22MSD

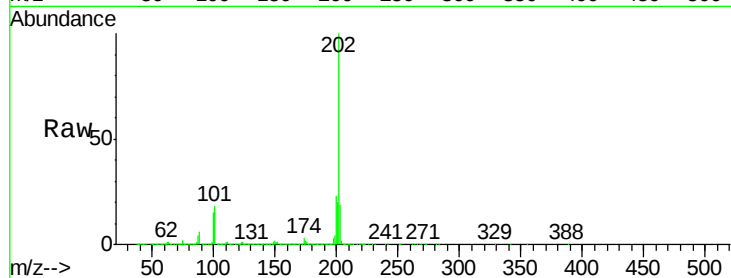
Tgt Ion:202 Resp: 1510416

Ion Ratio Lower Upper

202 100

101 18.4 11.0 16.4#

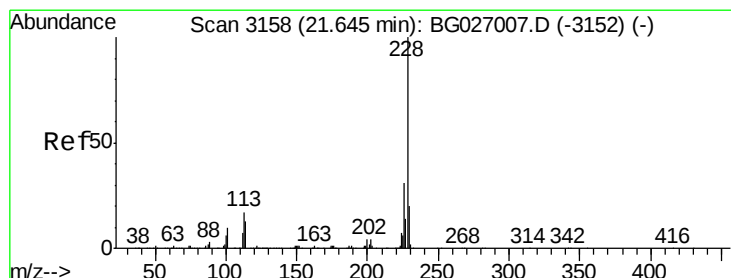
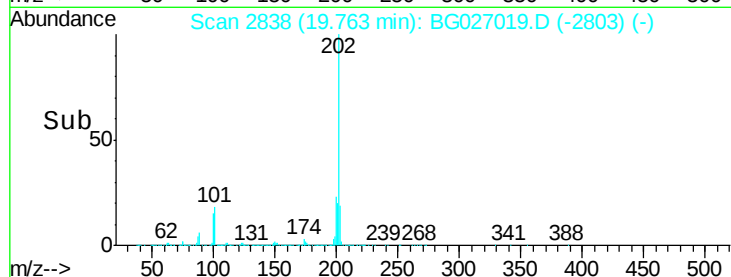
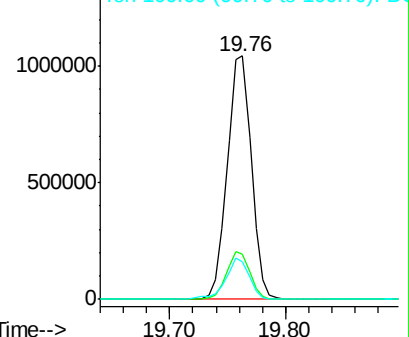
100 15.2 8.1 12.1#



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



#21

Chrysene

Concen: 1.12 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

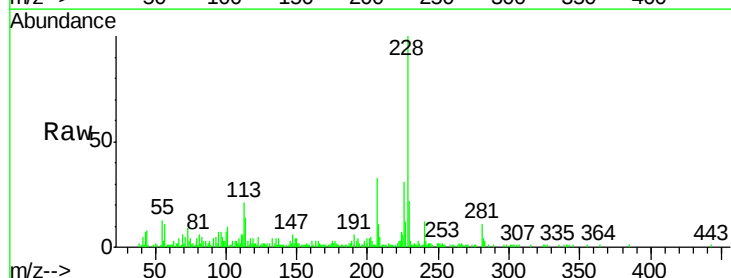
Tgt Ion:228 Resp: 52311

Ion Ratio Lower Upper

228 100

226 31.2 24.5 36.7

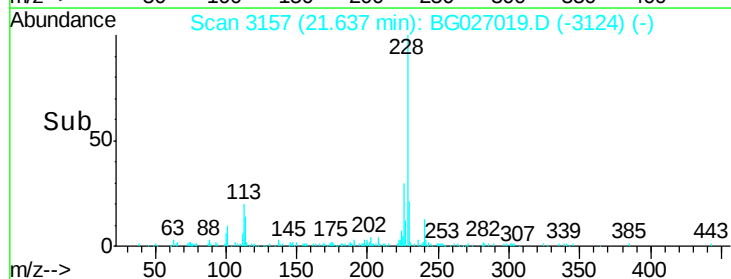
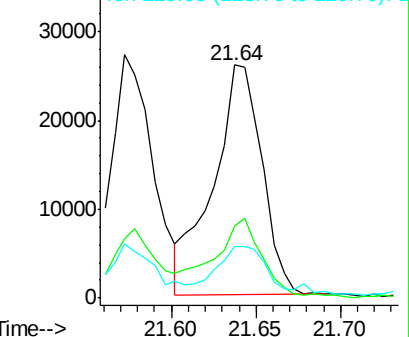
229 22.1 15.8 23.8

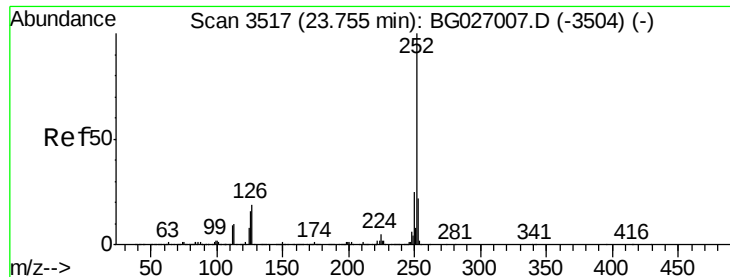


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.40 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

Instrument :

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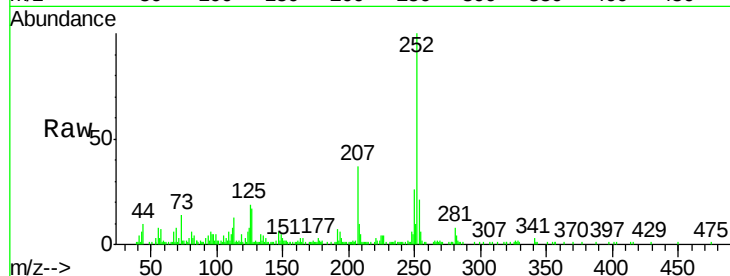
Tgt Ion:252 Resp: 70828

Ion Ratio Lower Upper

252 100

253 20.6 18.0 27.0

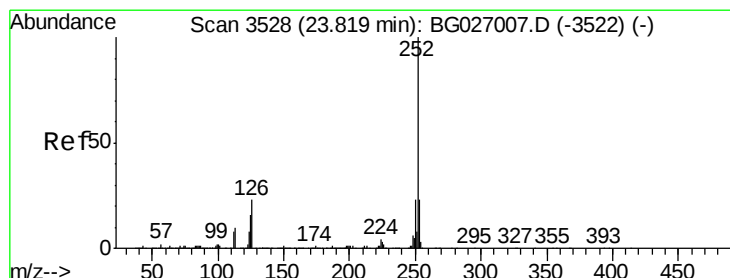
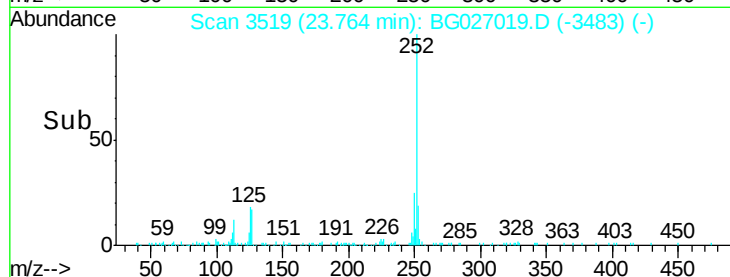
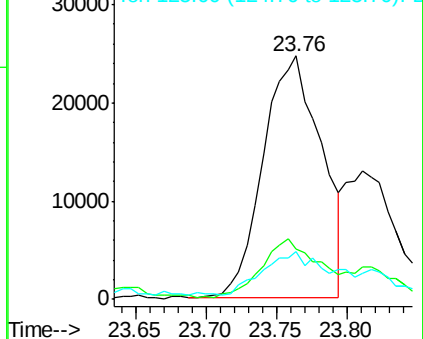
125 19.4 8.0 12.0#



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: 1.36 ng/ul

RT: 23.76 min Scan# 3519

Delta R.T. -0.06 min

Lab File: BG027019.D

Acq: 19 May 2017 1:12

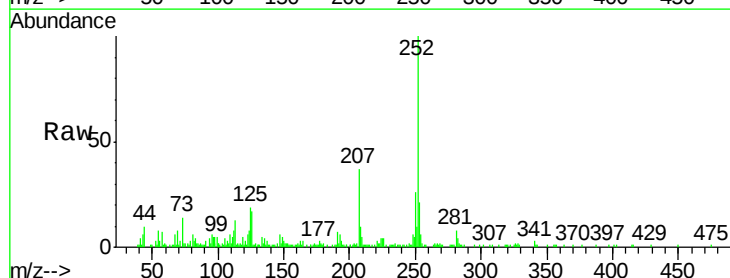
Tgt Ion:252 Resp: 70828

Ion Ratio Lower Upper

252 100

253 20.6 18.0 27.0

125 19.4 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

