

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027137.D
 Acq On : 24 May 2017 20:50
 Operator : SJ/MA
 Sample : I3277-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 04:53:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

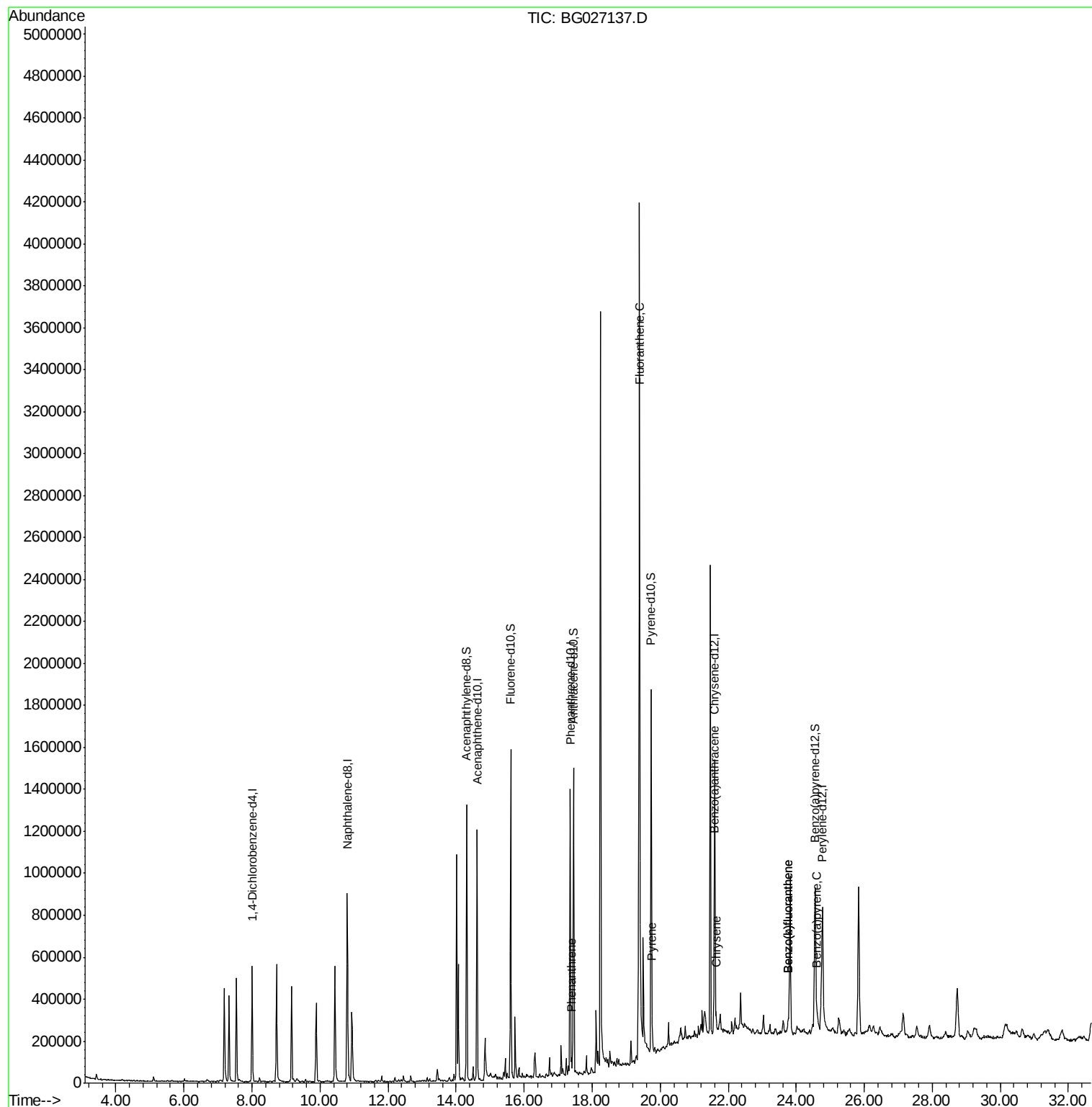
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	165669	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	807785	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	410782	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	759001	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	674820	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	610679	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	972471	23.08	ng/ul	0.00
10) Fluorene-d10	15.60	176	632966	22.52	ng/ul	0.00
14) Anthracene-d10	17.45	188	842119	22.76	ng/ul	0.00
18) Pyrene-d10	19.73	212	840258	23.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	704387	23.21	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	45357	1.07	ng/ul#	94
16) Fluoranthene	19.40	202	89107	2.05	ng/ul#	60
19) Pyrene	19.76	202	87886	1.99	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	53033	1.30	ng/ul#	91
21) Chrysene	21.65	228	59871	1.60	ng/ul#	95
23) Benzo(b)fluoranthene	23.77	252	74962	2.07	ng/ul#	86
24) Benzo(k)fluoranthene	23.77	252	74962	2.01	ng/ul#	86
26) Benzo(a)pyrene	24.62	252	44327	1.25	ng/ul#	79

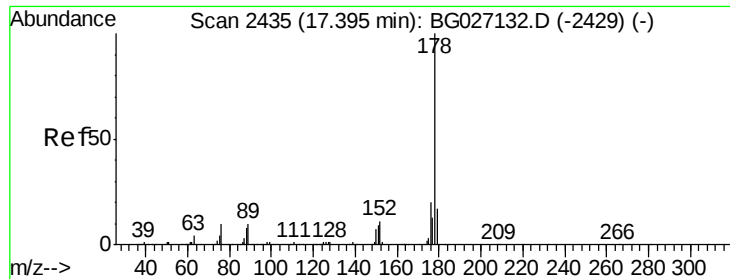
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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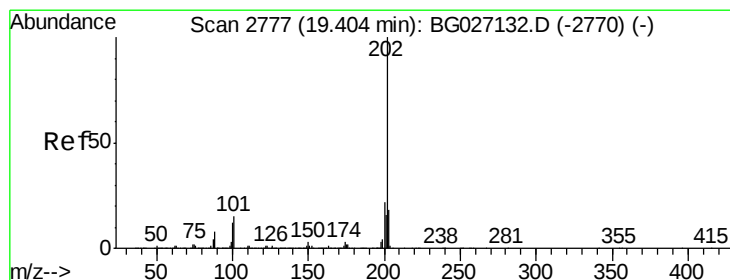
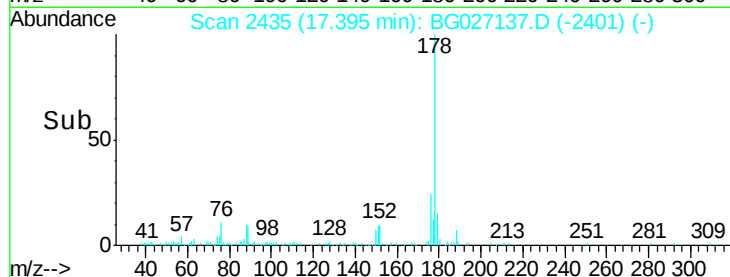
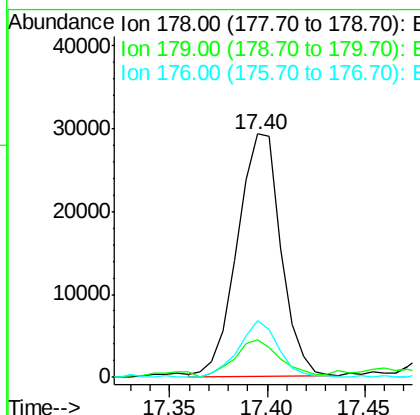
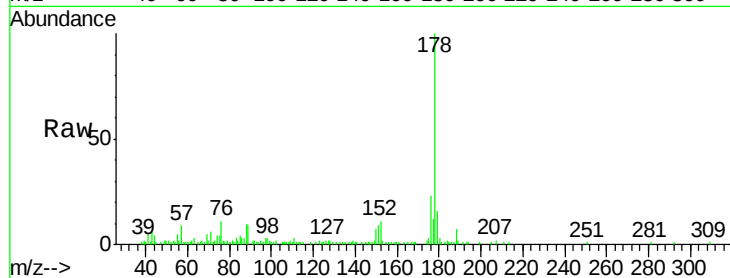




#13
Phenanthrene
Concen: 1.07 ng/ul
RT: 17.40 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG027137.D
Acq: 24 May 2017 20:50

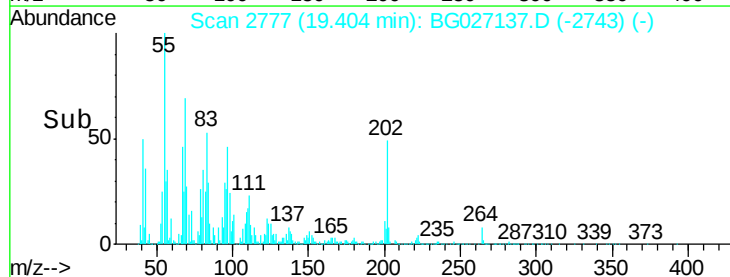
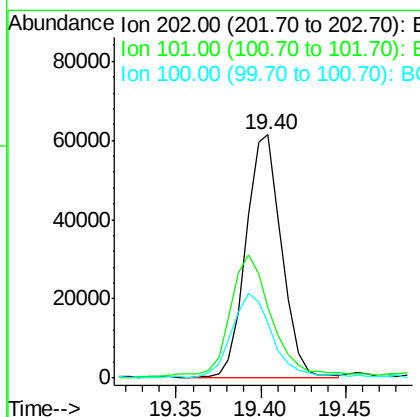
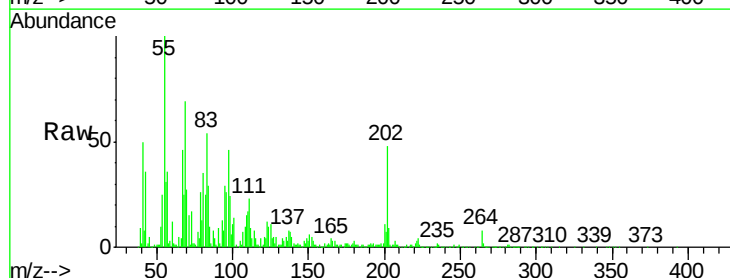
Instrument :
BNA_G
ClientSampleId :

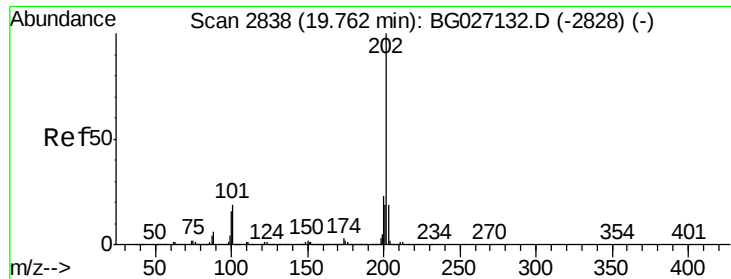
Tot Ion:178 Resp: 45357
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 23.5 15.1 22.7#



#16
Fluoranthene
Concen: 2.05 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027137.D
Acq: 24 May 2017 20:50

Tgt Ion:202 Resp: 89107
Ion Ratio Lower Upper
202 100
101 28.9 9.9 14.9#
100 22.9 7.4 11.0#





#19

Pvrene

Concen: 1.99 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027137.D

Acq: 24 May 2017 20:50

Instrument :

BNA_G

ClientSampleId :

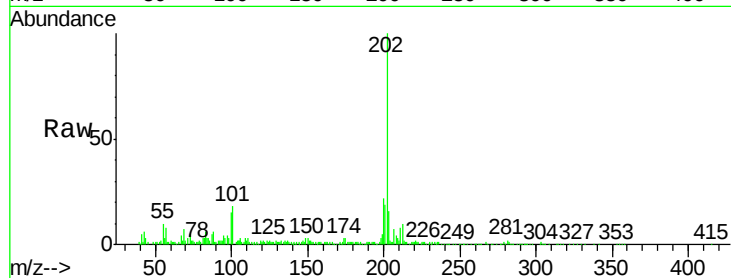
Tot Ion:202 Resp: 87886

Ion Ratio Lower Upper

202 100

101 18.3 11.0 16.4#

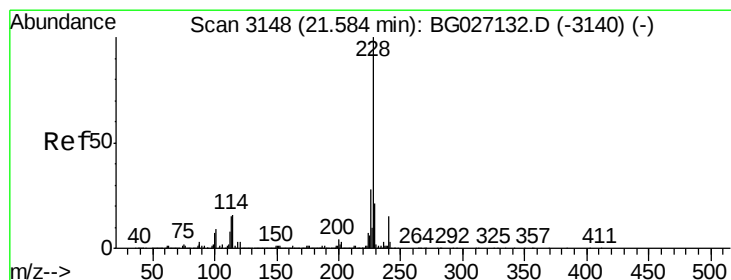
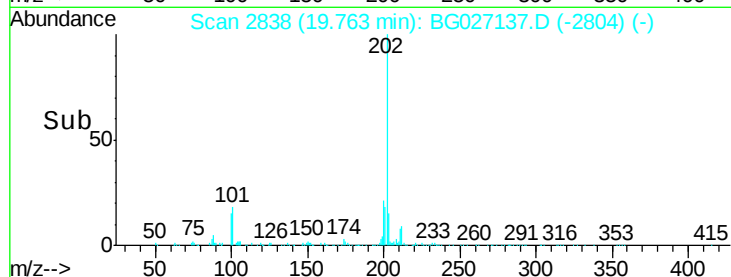
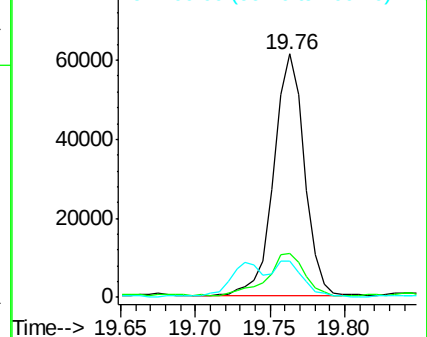
100 14.9 8.1 12.1#



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: 1.30 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG027137.D

Acq: 24 May 2017 20:50

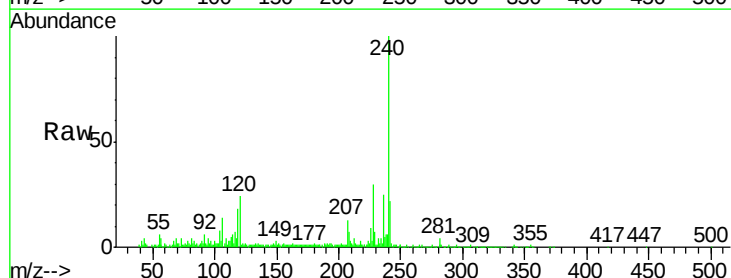
Tgt Ion:228 Resp: 53033

Ion Ratio Lower Upper

228 100

229 24.4 15.7 23.5#

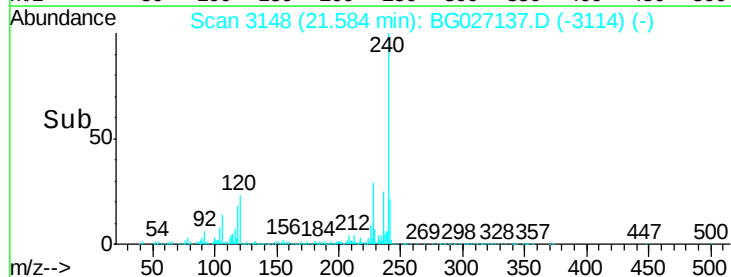
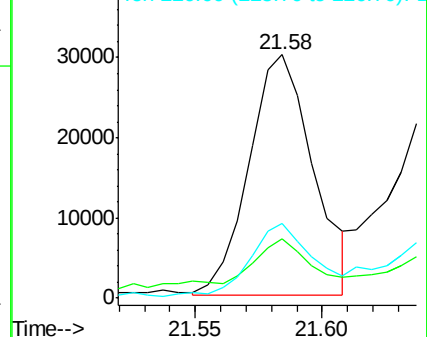
226 30.8 21.1 31.7

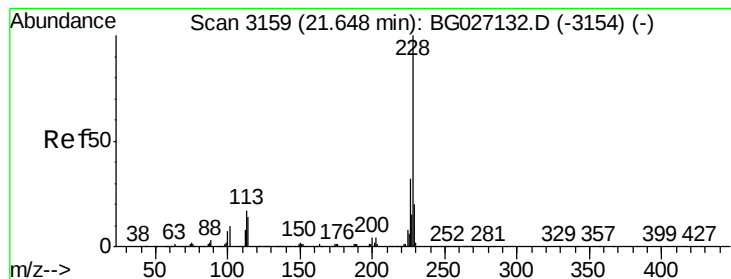


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.60 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027137.D

Acq: 24 May 2017 20:50

Instrument :

BNA_G

ClientSampleId :

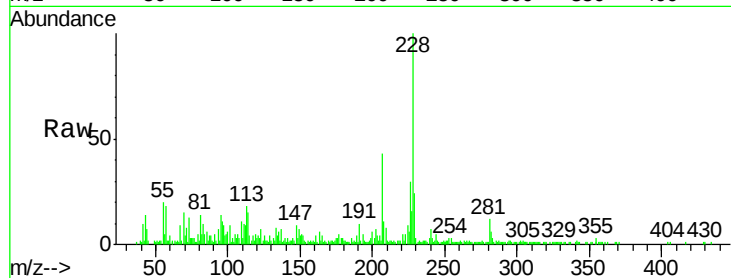
Tot Ion:228 Resp: 59871

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

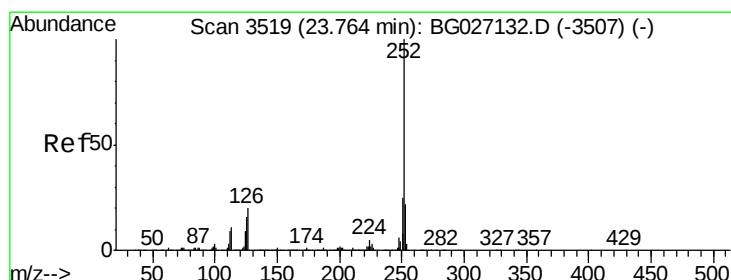
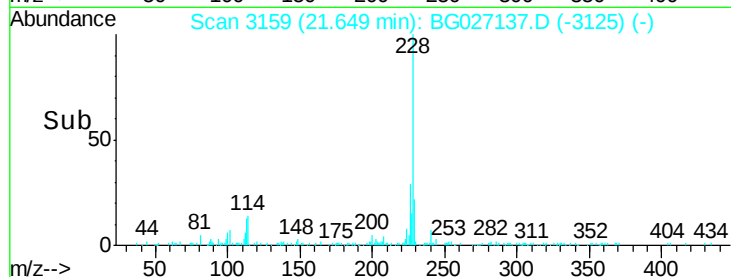
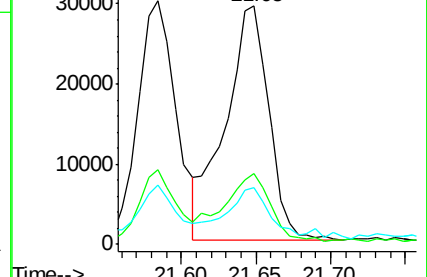
229 24.1 15.8 23.8#



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: 2.07 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. 0.01 min

Lab File: BG027137.D

Acq: 24 May 2017 20:50

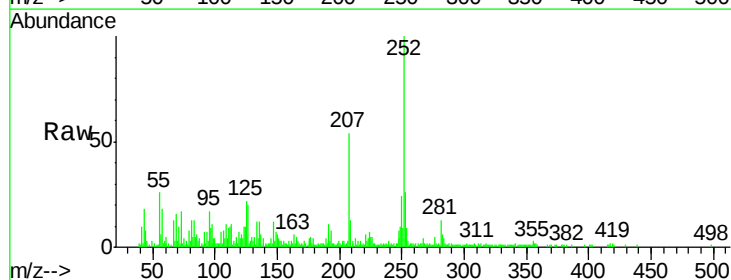
Tgt Ion:252 Resp: 74962

Ion Ratio Lower Upper

252 100

253 25.9 18.0 27.0

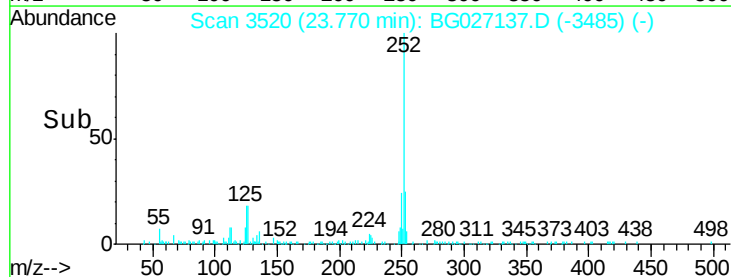
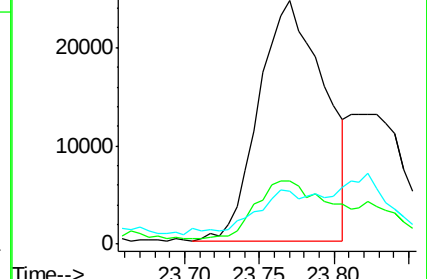
125 21.6 8.0 12.0#

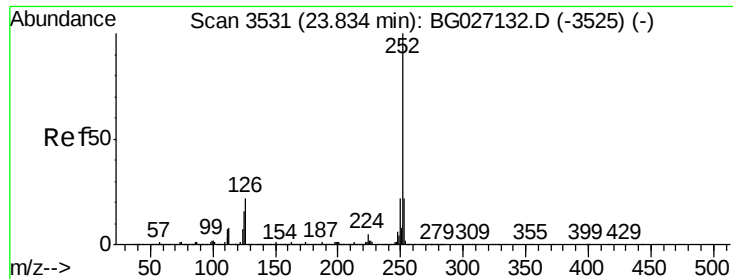


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.01 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. -0.06 min

Lab File: BG027137.D

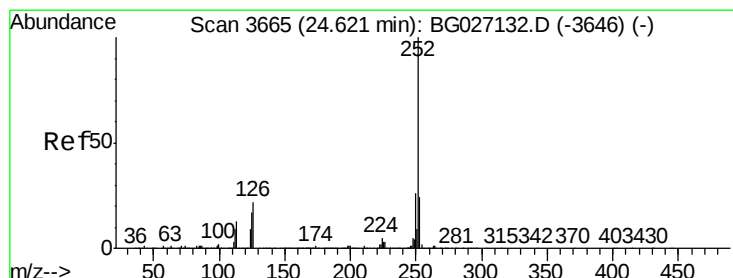
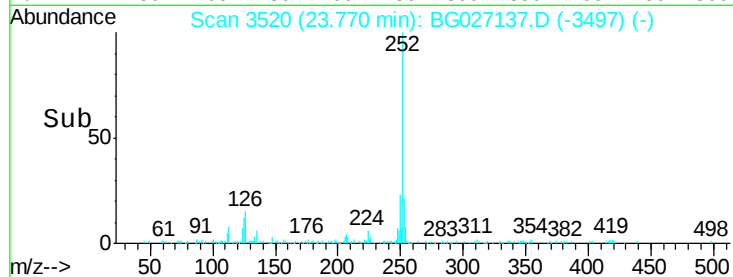
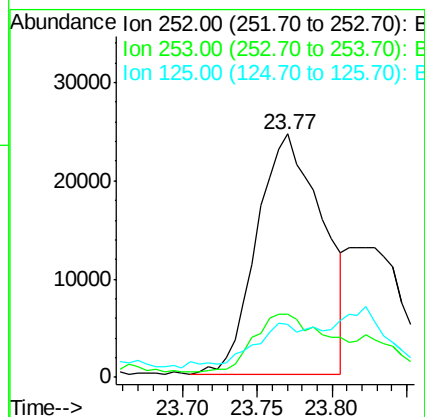
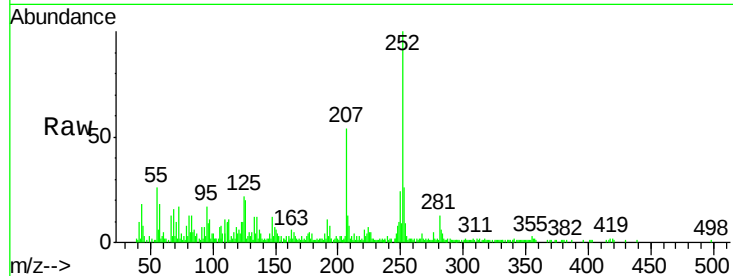
Acq: 24 May 2017 20:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	74962
Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.0	27.0
125	21.6	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 1.25 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG027137.D

Acq: 24 May 2017 20:50

Tgt Ion:	252	Resp:	44327
Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.2	25.8#
125	23.6	8.2	12.4#

