

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027113.D
 Acq On : 24 May 2017 3:07
 Operator : SJ/MA
 Sample : I3275-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 04:13:06 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

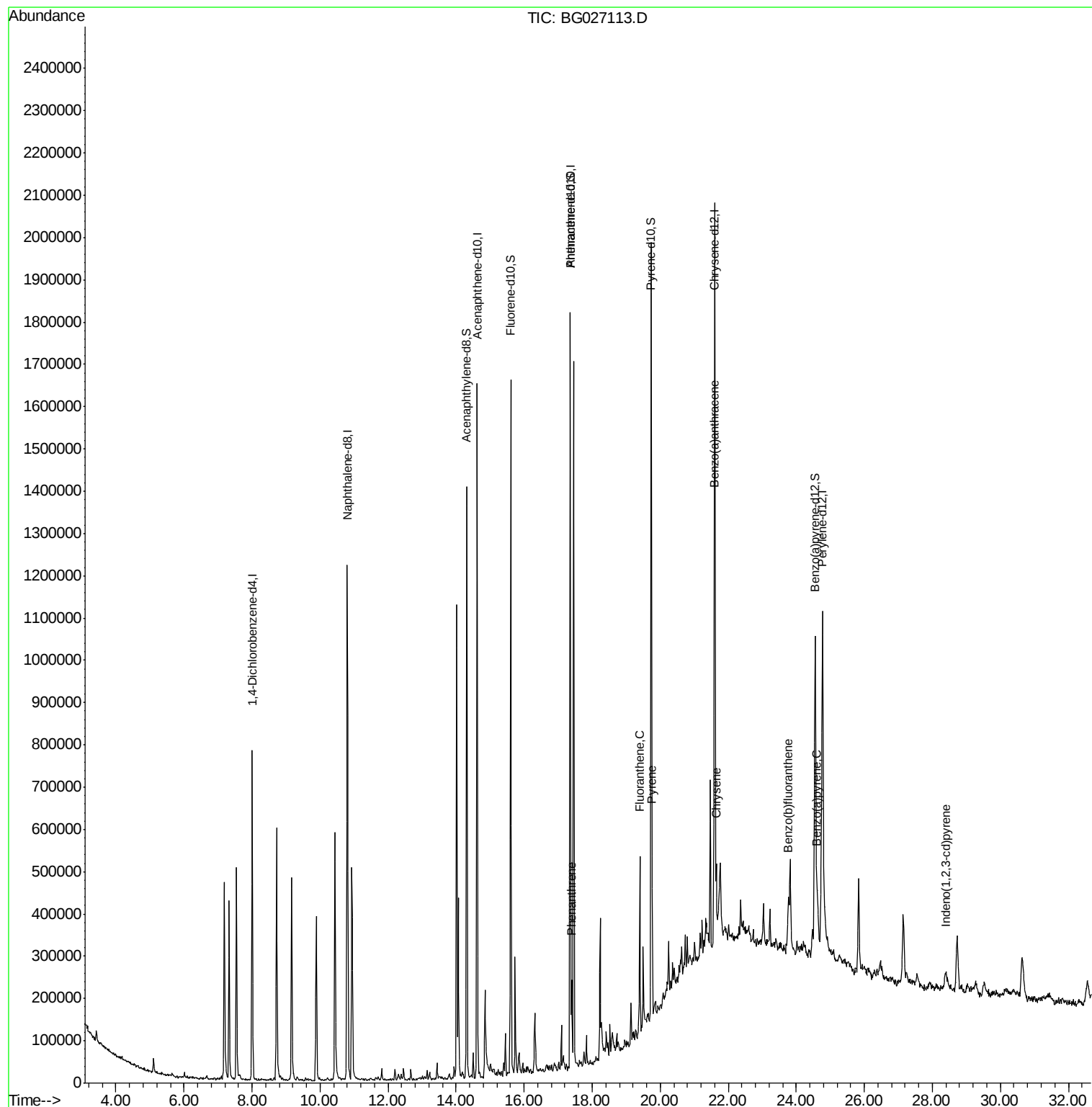
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	234032	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1106152	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.61	164	575564	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1039836	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	942054	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	867591	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1045886	17.72	ng/ul	0.00
10) Fluorene-d10	15.60	176	672373	17.07	ng/ul	0.00
14) Anthracene-d10	17.35	188	1039836	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	917887	18.66	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	806616	18.71	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.39	178	126793	2.18	ng/ul	98
16) Fluoranthene	19.40	202	232169	3.91	ng/ul#	94
19) Pyrene	19.76	202	204865	3.33	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	102556	1.81	ng/ul	94
21) Chrysene	21.65	228	110309	2.12	ng/ul	98
23) Benzo(b)fluoranthene	23.77	252	145055	2.81	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	87761	1.74	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.39	276	53635	1.16	ng/ul#	72

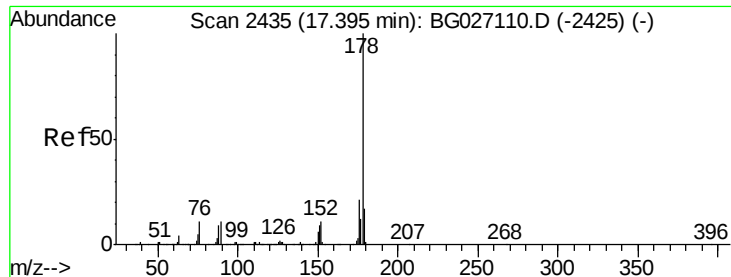
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.18 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

Instrument :

BNA_G

ClientSampled :

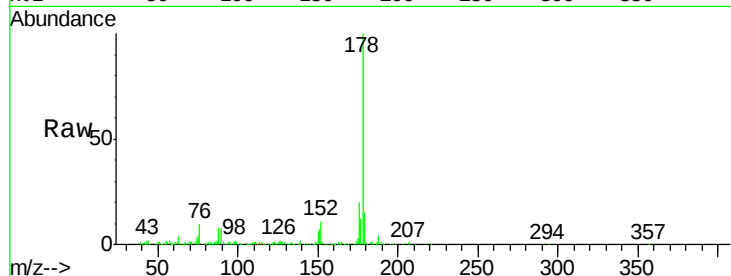
Tot Ion:178 Resp: 126793

Ion Ratio Lower Upper

178 100

179 14.7 12.3 18.5

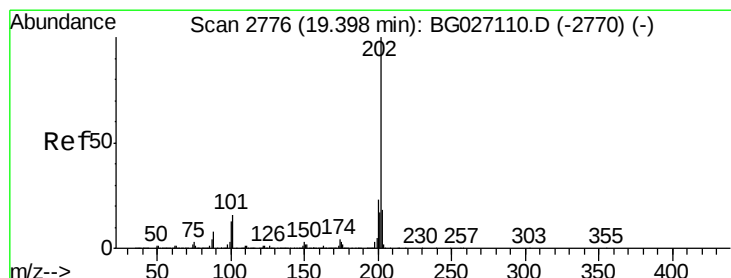
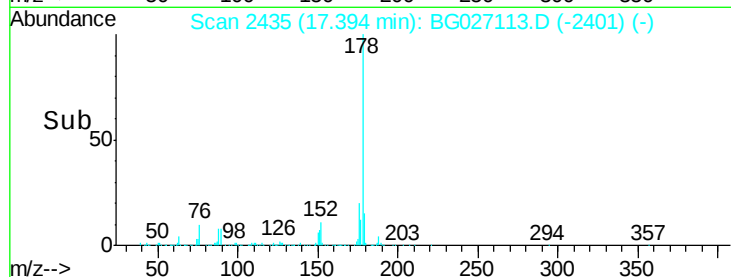
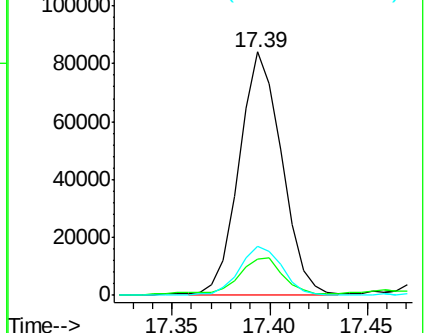
176 20.1 15.1 22.7



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: 3.91 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

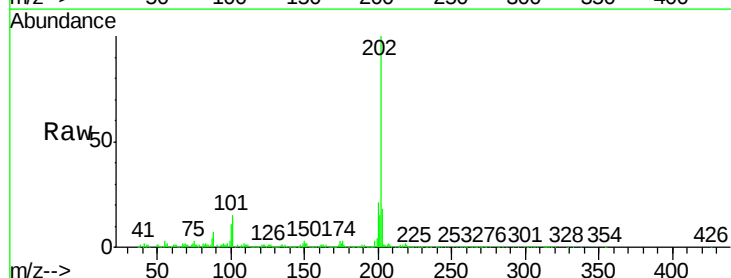
Tgt Ion:202 Resp: 232169

Ion Ratio Lower Upper

202 100

101 15.0 9.9 14.9#

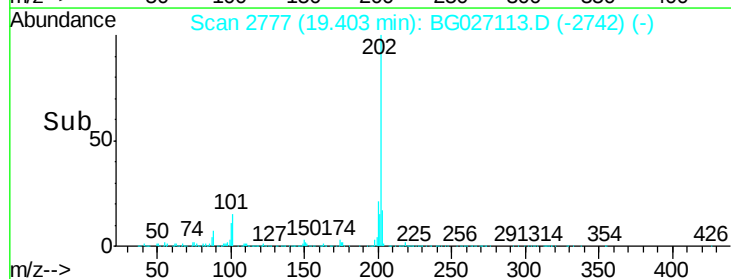
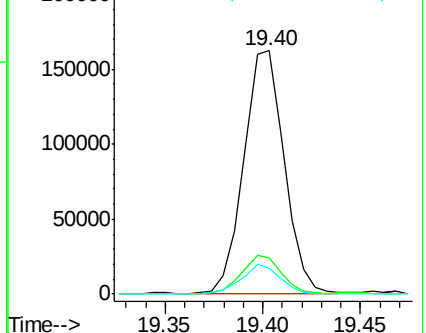
100 10.9 7.4 11.0

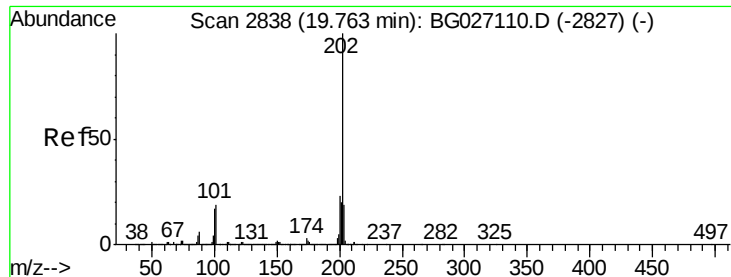


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.33 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

Instrument :

BNA_G

ClientSampleId :

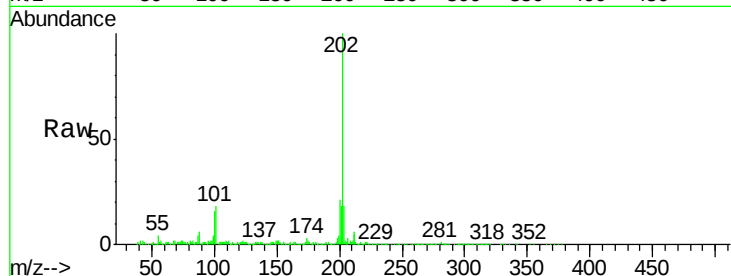
Tot Ion:202 Resp: 204865

Ion Ratio Lower Upper

202 100

101 17.6 11.0 16.4#

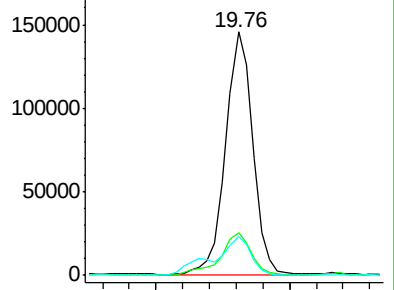
100 15.9 8.1 12.1#



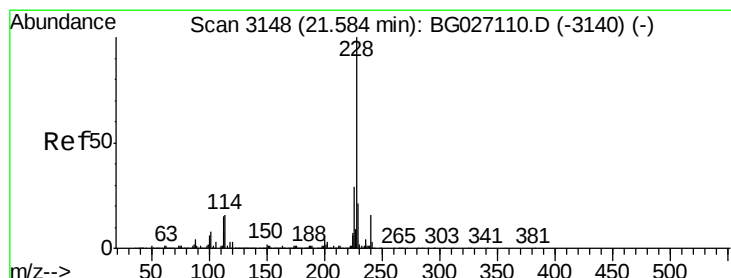
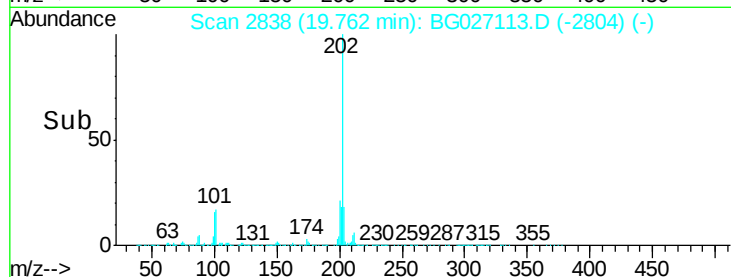
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



Time-->



#20

Benzo(a)anthracene

Concen: 1.81 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

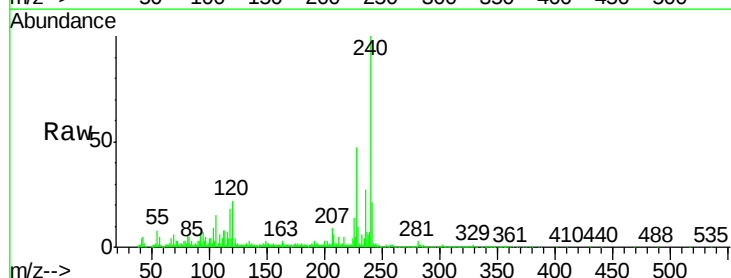
Tgt Ion:228 Resp: 102556

Ion Ratio Lower Upper

228 100

229 20.8 15.7 23.5

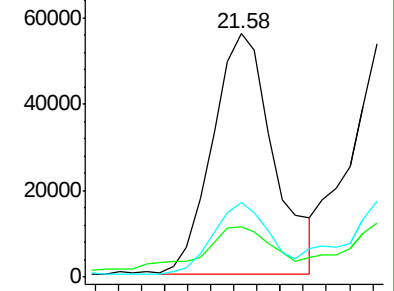
226 30.9 21.1 31.7



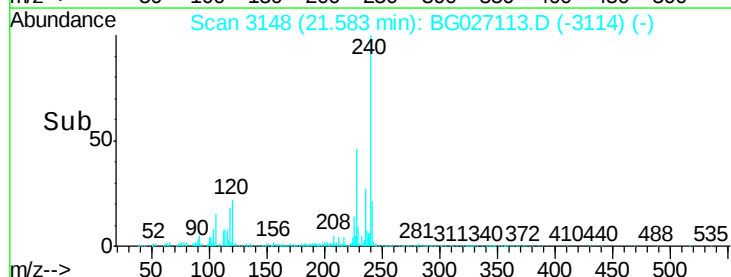
Abundance Ion 228.00 (227.70 to 228.70): E

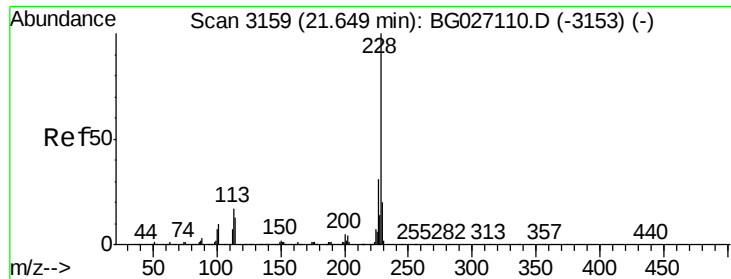
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#21

Chrysene

Concen: 2.12 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

Instrument :

BNA_G

ClientSampleId :

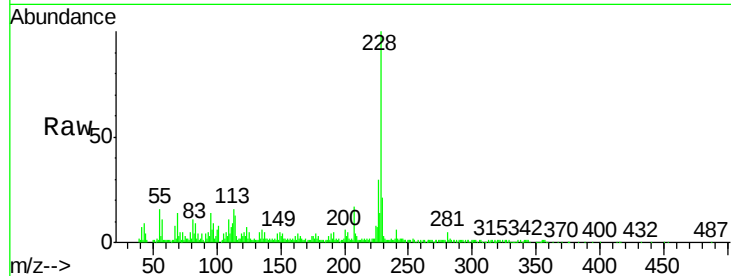
Tot Ion:228 Resp: 110309

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

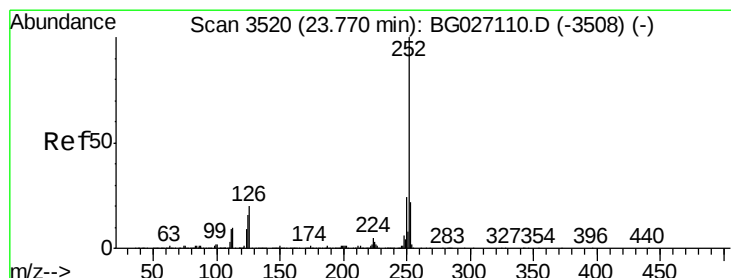
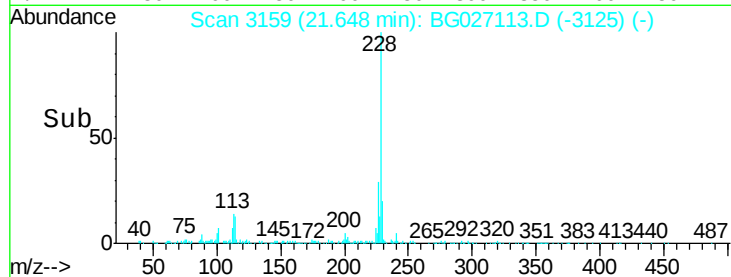
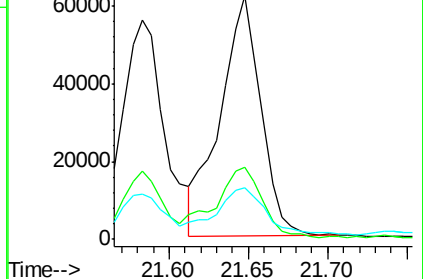
229 21.3 15.8 23.8



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: 2.81 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. -0.00 min

Lab File: BG027113.D

Acq: 24 May 2017 3:07

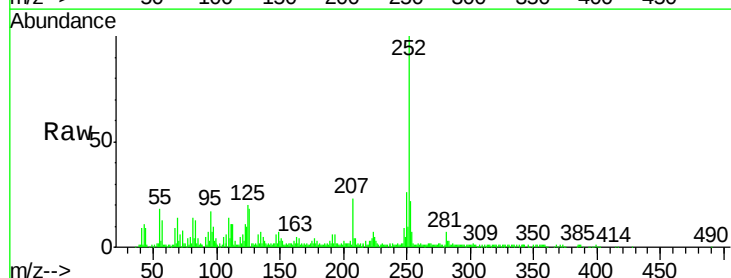
Tgt Ion:252 Resp: 145055

Ion Ratio Lower Upper

252 100

253 22.5 18.0 27.0

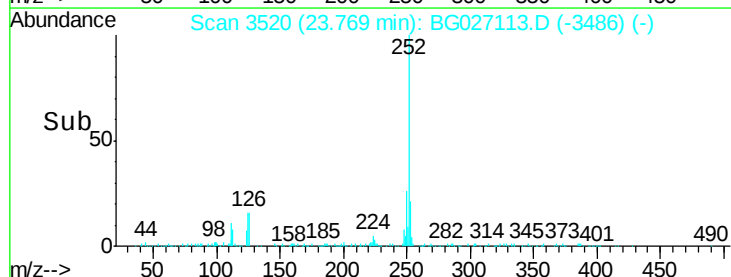
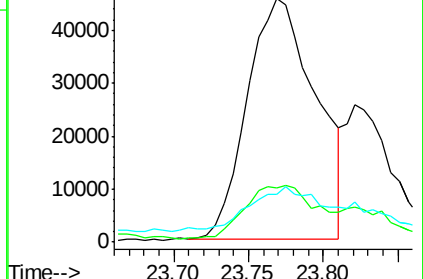
125 19.5 8.0 12.0#

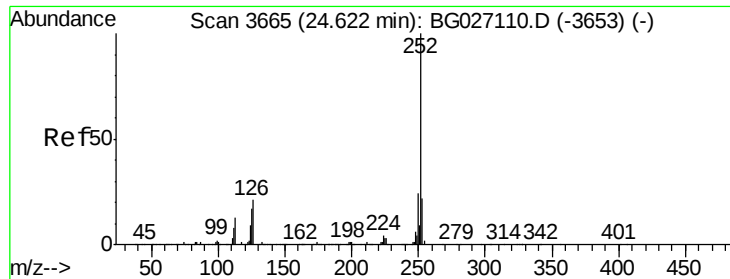


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

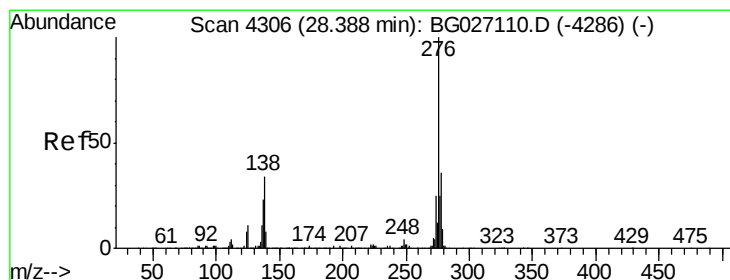
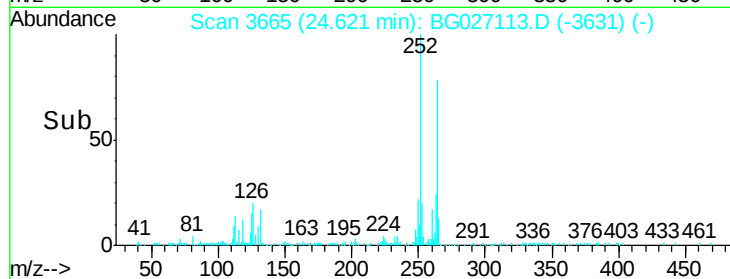
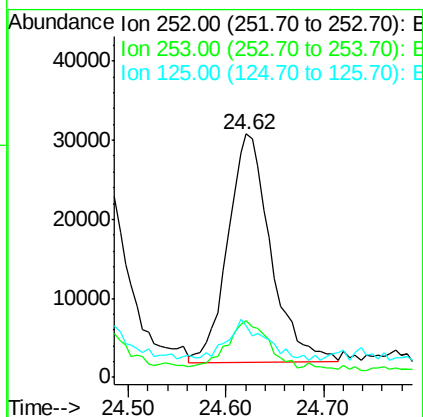
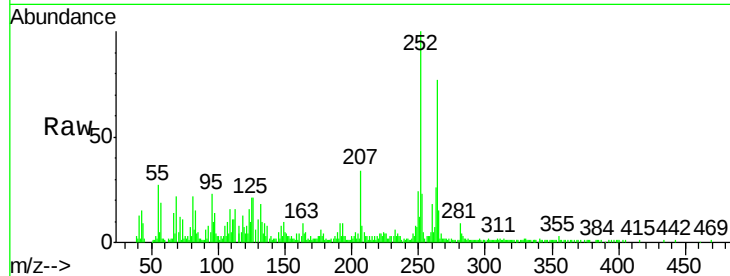




#26
Benzo(a)pyrene
Concen: 1.74 ng/ul
RT: 24.62 min Scan# 3665
Delta R.T. -0.00 min
Lab File: BG027113.D
Acq: 24 May 2017 3:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.2	25.8
125	21.4	8.2	12.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.16 ng/ul
RT: 28.39 min Scan# 4306
Delta R.T. -0.00 min
Lab File: BG027113.D
Acq: 24 May 2017 3:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	39.4	14.4	21.6
277	27.8	18.0	27.0

