

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027118.D
 Acq On : 24 May 2017 6:24
 Operator : SJ/MA
 Sample : I3276-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 07:32:55 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	250958	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1155894	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	585062	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1052490	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	950470	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	849481	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	982097	16.37	ng/ul	0.00
10) Fluorene-d10	15.61	176	618864	15.46	ng/ul	0.00
14) Anthracene-d10	17.35	188	1052490	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	817383	16.47	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	706485	16.74	ng/ul	0.00

Target Compounds

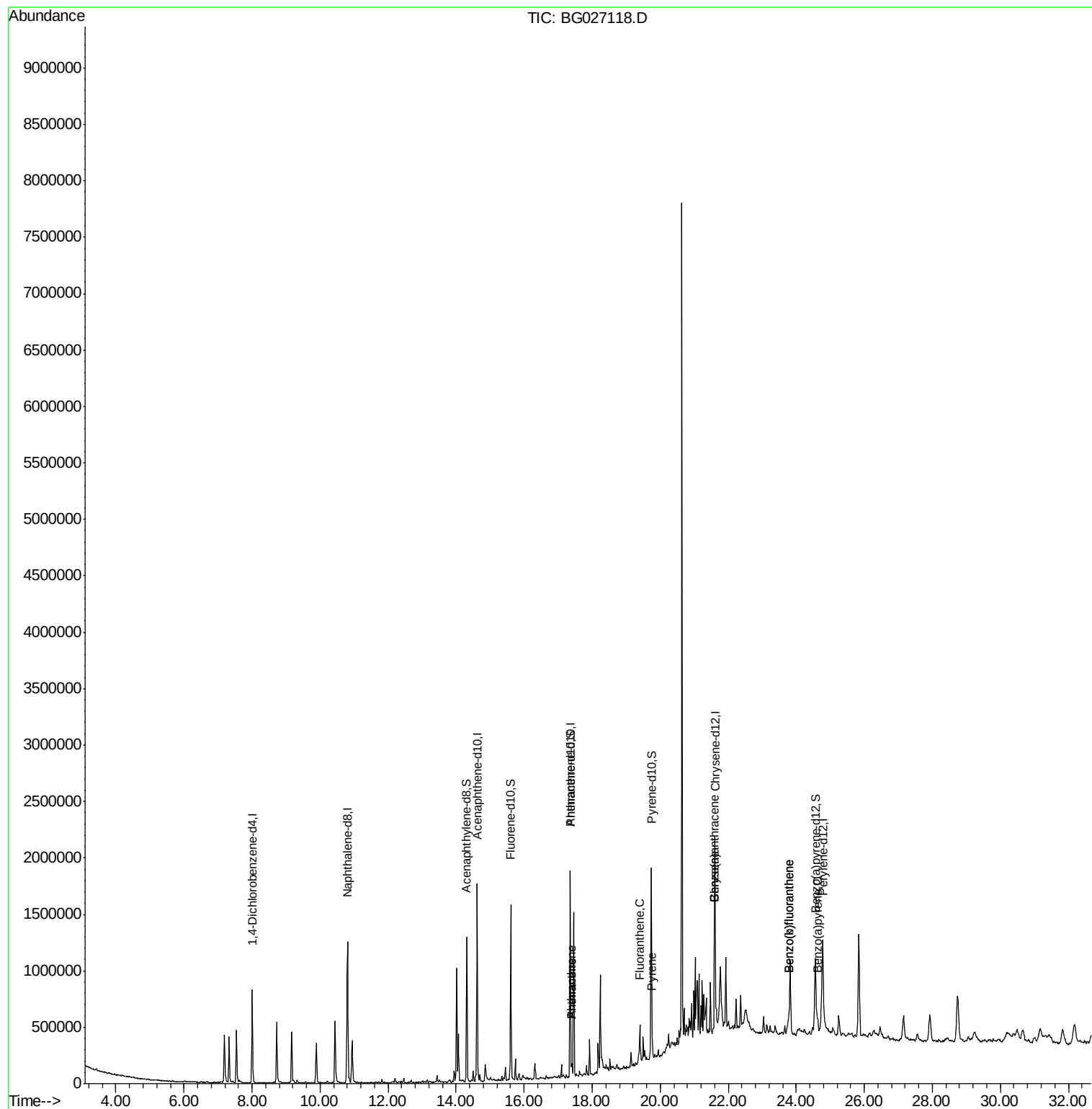
						Ovalue
13) Phenanthrene	17.40	178	69628	1.18	ng/ul	99
15) Anthracene	17.40	178	69986	1.16	ng/ul	98
16) Fluoranthene	19.40	202	119958	1.99	ng/ul#	92
19) Pyrene	19.77	202	103538	1.67	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	71764	1.25	ng/ul	95
21) Chrysene	21.58	228	70539	1.34	ng/ul	95
23) Benzo(b)fluoranthene	23.77	252	159953	3.17	ng/ul#	89
24) Benzo(k)fluoranthene	23.77	252	159953	3.08	ng/ul#	89
26) Benzo(a)pyrene	24.62	252	73965	1.50	ng/ul#	84

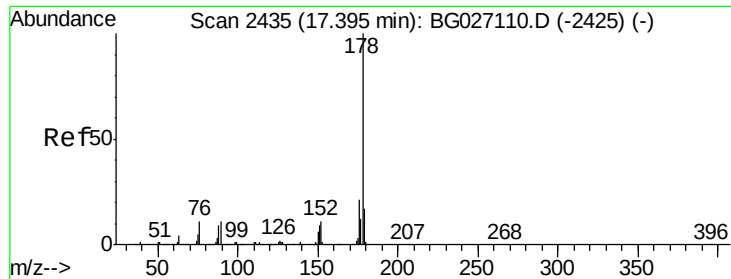
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.18 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

Instrument :

BNA_G

ClientSampleId :

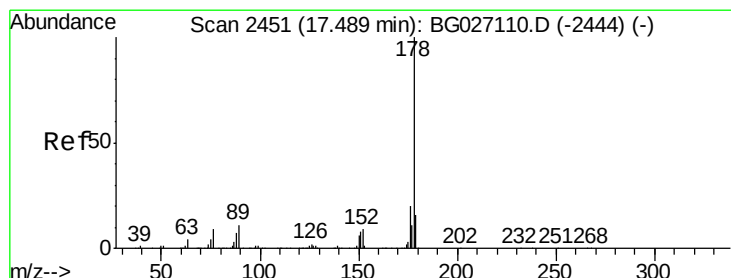
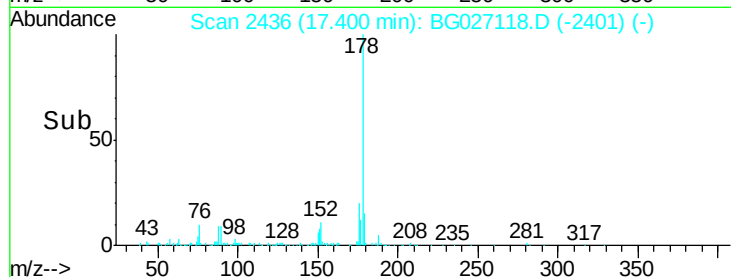
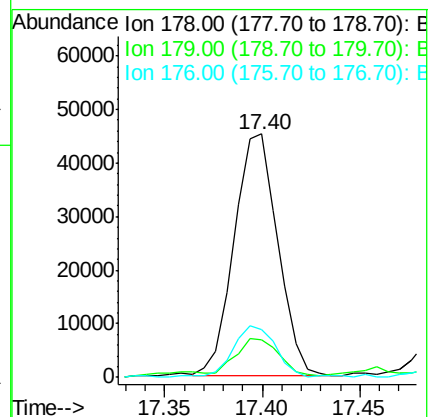
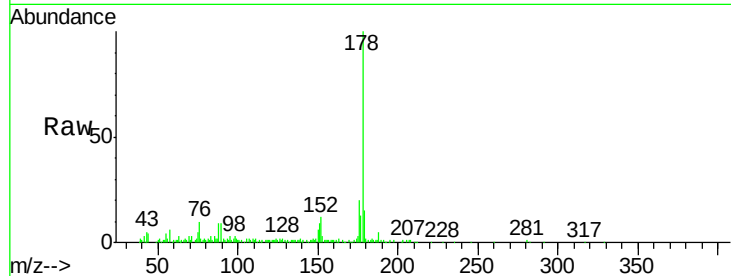
Tot Ion:178 Resp: 69628

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.9 15.1 22.7



#15

Anthracene

Concen: 1.16 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. -0.09 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

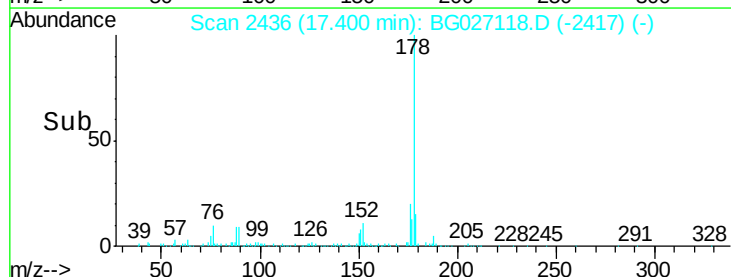
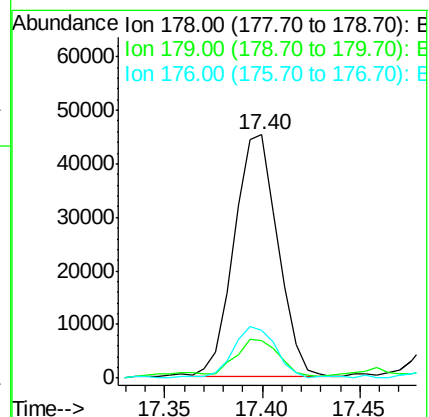
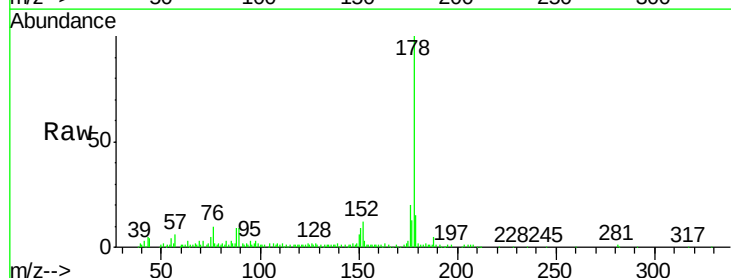
Tgt Ion:178 Resp: 69986

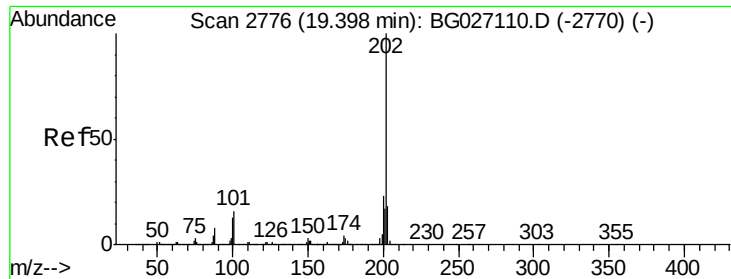
Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.8

176 19.9 15.2 22.8

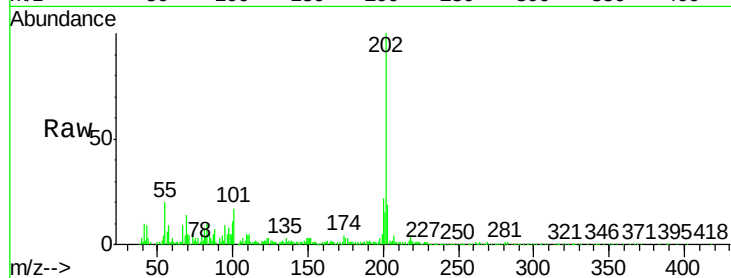




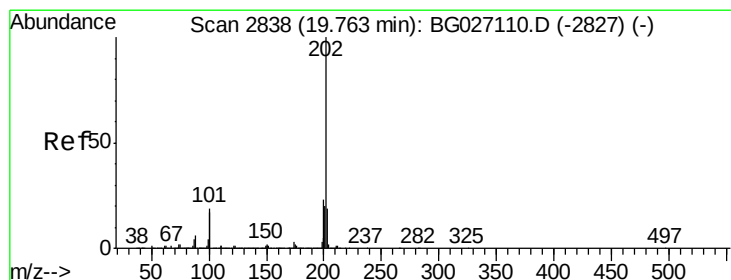
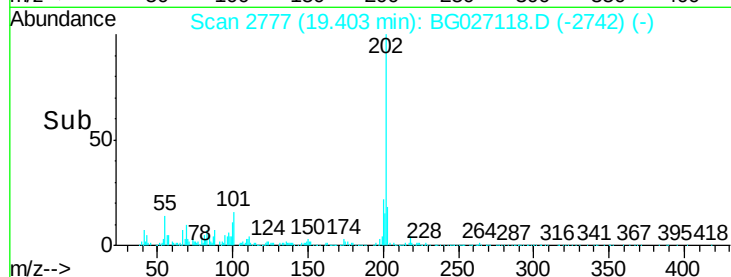
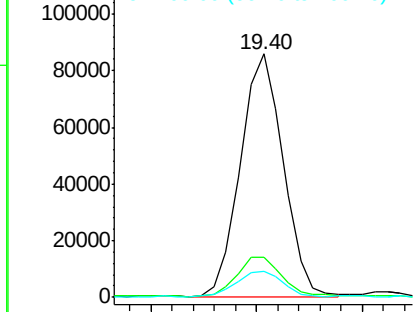
#16
Fluoranthene
Concen: 1.99 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BG027118.D
Acq: 24 May 2017 6:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.9	14.9#
100	10.9	7.4	11.0

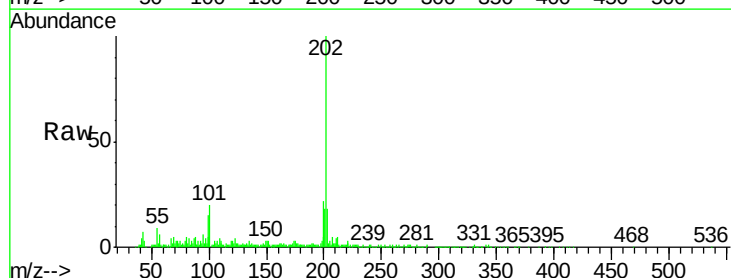


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

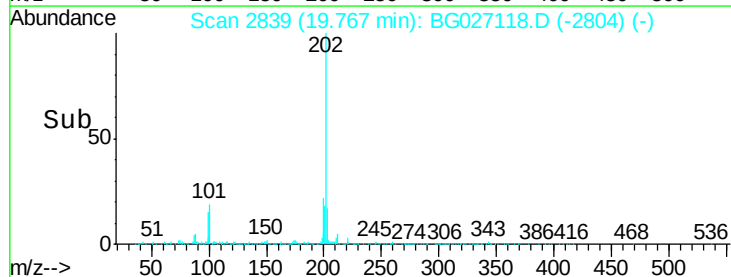
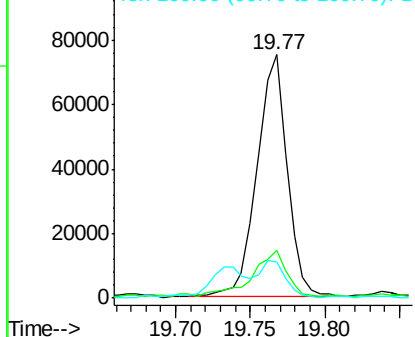


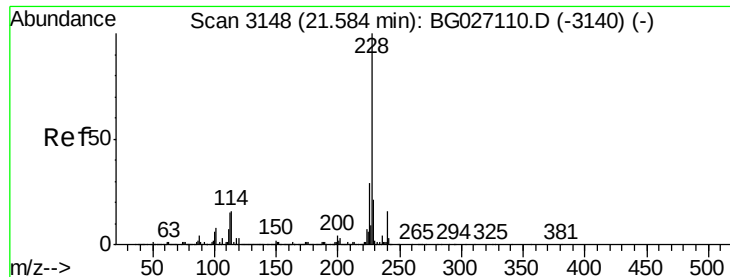
#19
Pyrene
Concen: 1.67 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG027118.D
Acq: 24 May 2017 6:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.5	11.0	16.4#
100	15.0	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: 1.25 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

Instrument :

BNA_G

ClientSampled :

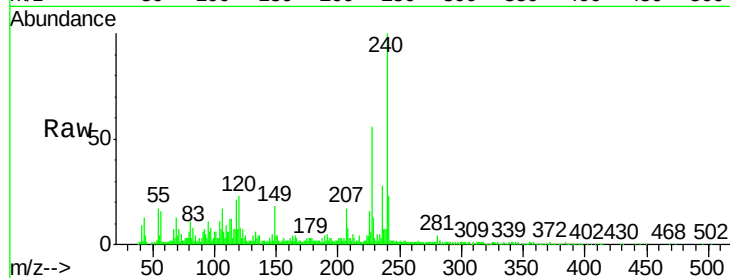
Tot Ion:228 Resp: 71764

Ion Ratio Lower Upper

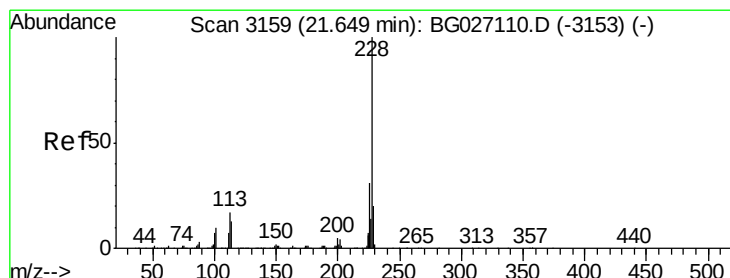
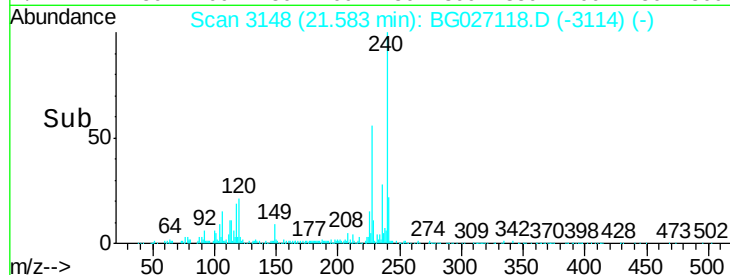
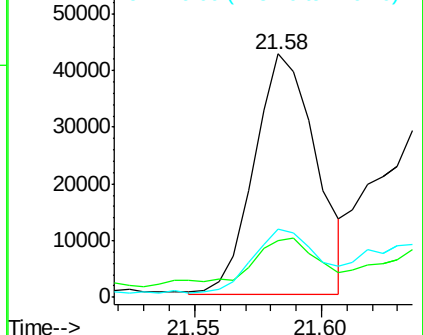
228 100

229 23.1 15.7 23.5

226 28.2 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: 1.34 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. -0.07 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

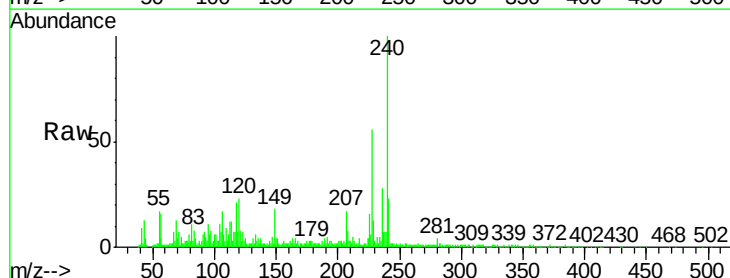
Tgt Ion:228 Resp: 70539

Ion Ratio Lower Upper

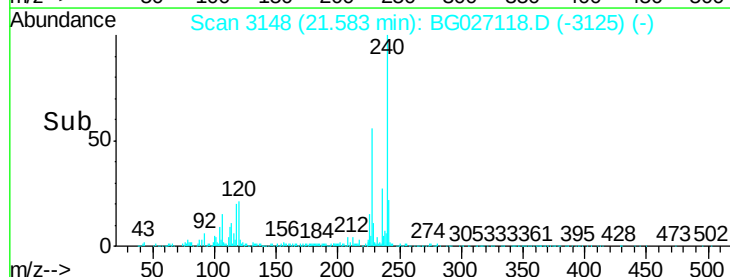
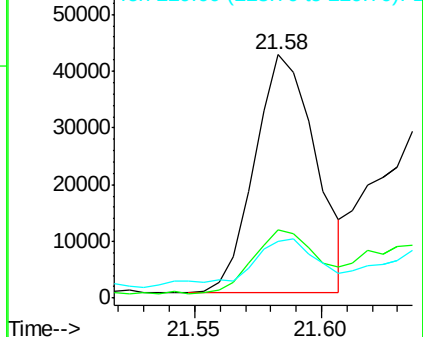
228 100

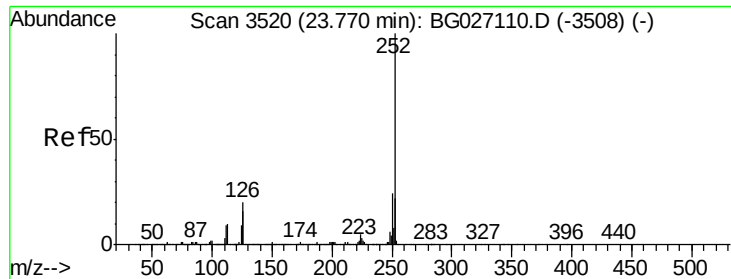
226 28.2 24.5 36.7

229 23.1 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: 3.17 ng/ul

RT: 23.77 min Scan# 3521

Delta R.T. 0.00 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

Instrument :

BNA_G

ClientSampleId :

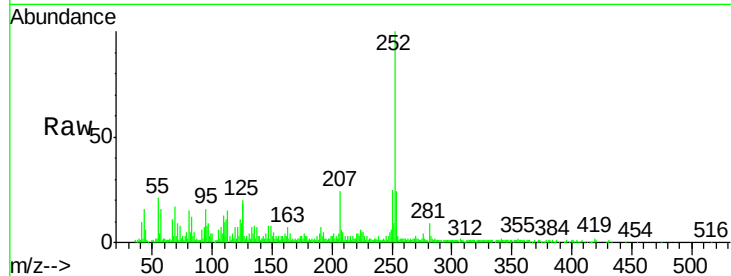
Tot Ion:252 Resp: 159953

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

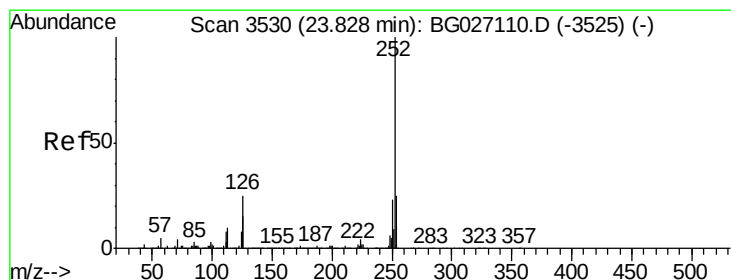
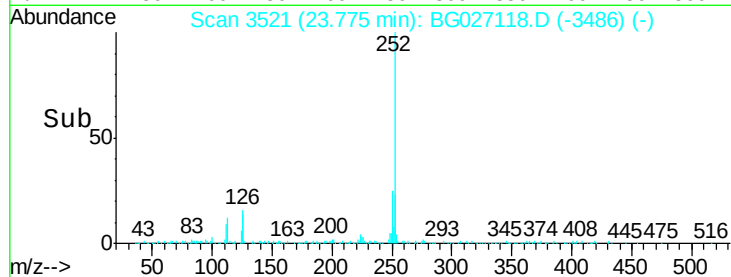
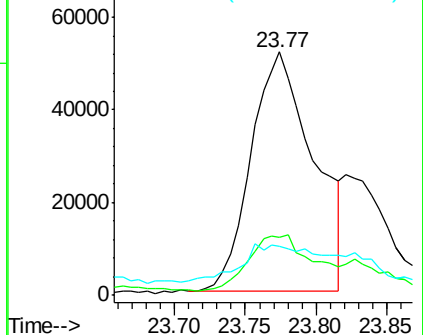
125 20.1 8.0 12.0#



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: 3.08 ng/ul

RT: 23.77 min Scan# 3521

Delta R.T. -0.05 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

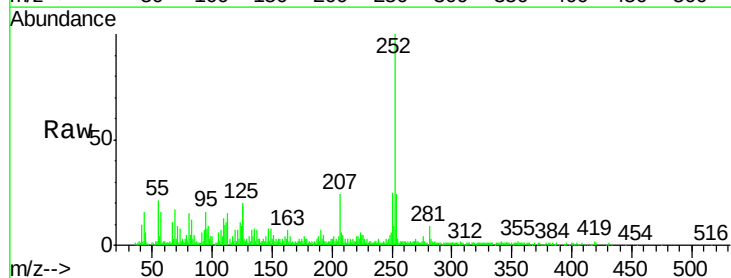
Tgt Ion:252 Resp: 159953

Ion Ratio Lower Upper

252 100

253 24.0 18.0 27.0

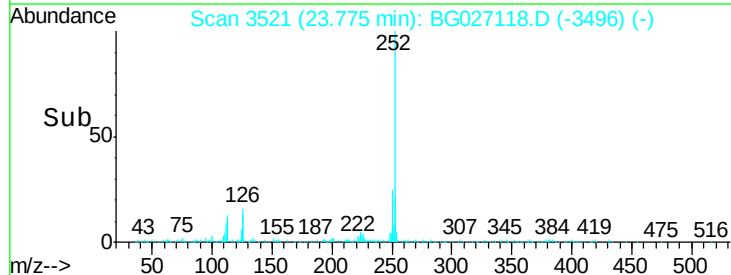
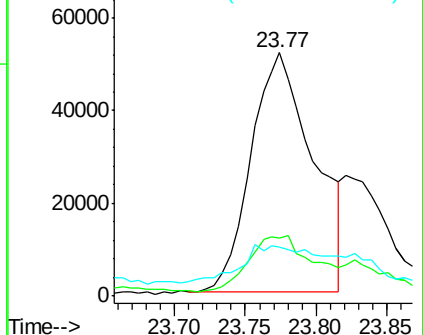
125 20.1 8.1 12.1#

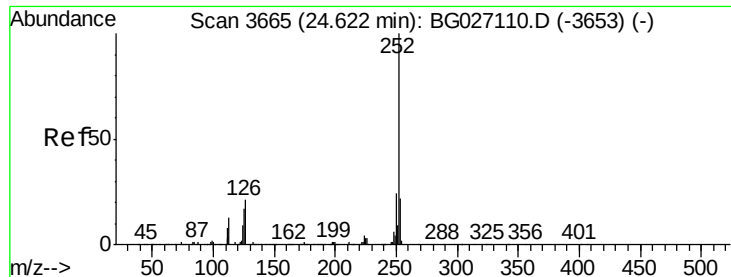


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.50 ng/ul

RT: 24.62 min Scan# 3665

Delta R.T. -0.00 min

Lab File: BG027118.D

Acq: 24 May 2017 6:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 252 Resp: 73965

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

125 24.7 8.2 12.4#

