

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052317\
 Data File : BG027082.D
 Acq On : 23 May 2017 6:45
 Operator : SJ/MA
 Sample : I3276-12MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 23 08:12:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 04:05:03 2017
 Response via : Initial Calibration

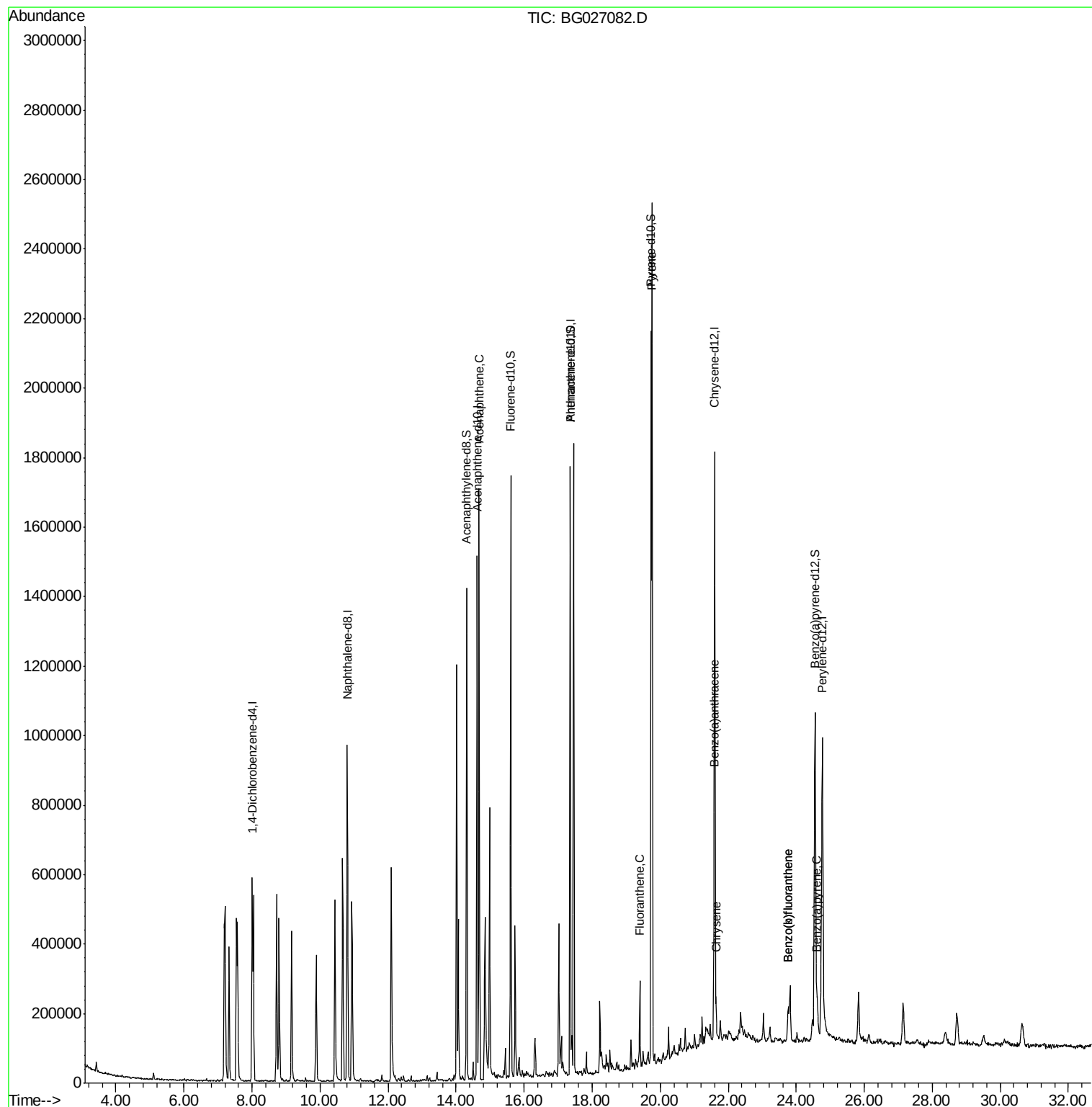
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	172928	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	857643	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	507669	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1021284	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	896230	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	860921	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.31	160	1049563	20.16	ng/ul	0.00
10) Fluorene-d10	15.60	176	707834	20.38	ng/ul	0.00
14) Anthracene-d10	17.35	188	1021284	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	1007173	21.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	896986	20.97	ng/ul	0.00
Target Compounds						
9) Acenaphthene	14.68	153	714136	19.93	ng/ul	Ovalue 98
16) Fluoranthene	19.40	202	138156	2.37	ng/ul#	93
19) Pyrene	19.76	202	1357095	23.17	ng/ul#	84
20) Benzo(a)anthracene	21.58	228	76717	1.42	ng/ul	94
21) Chrysene	21.65	228	78774	1.59	ng/ul	96
23) Benzo(b)fluoranthene	23.77	252	121277	2.37	ng/ul#	89
24) Benzo(k)fluoranthene	23.77	252	121300	2.30	ng/ul#	89
26) Benzo(a)pyrene	24.62	252	66913	1.34	ng/ul#	87

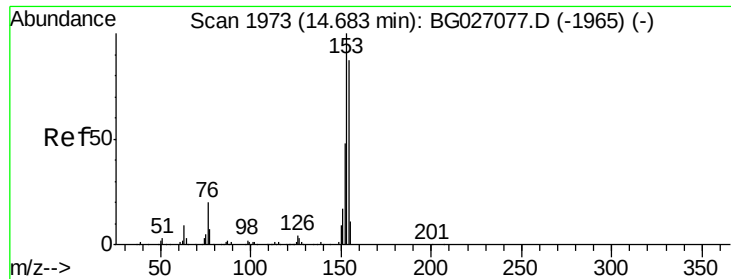
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 19.93 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

Instrument :

BNA_G

ClientSampleId :

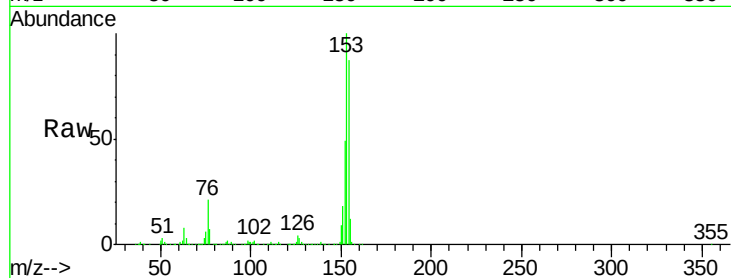
Tot Ion:153 Resp: 714136

Ion Ratio Lower Upper

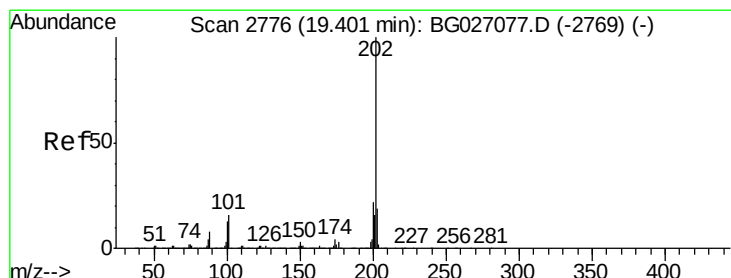
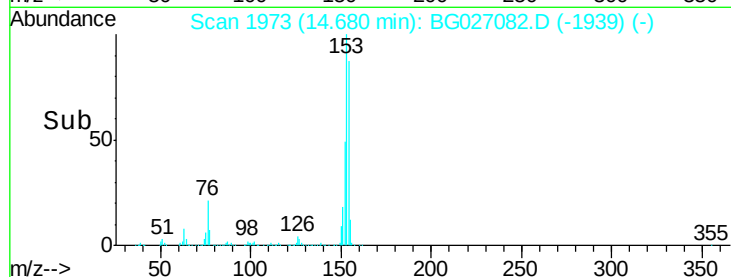
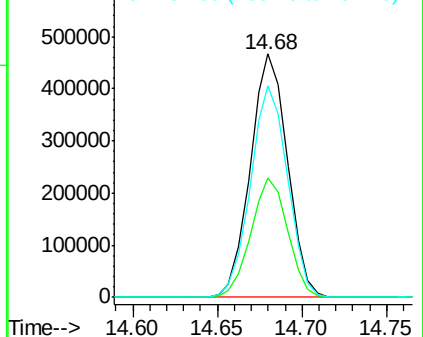
153 100

152 49.1 39.0 58.6

154 86.7 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: 2.37 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

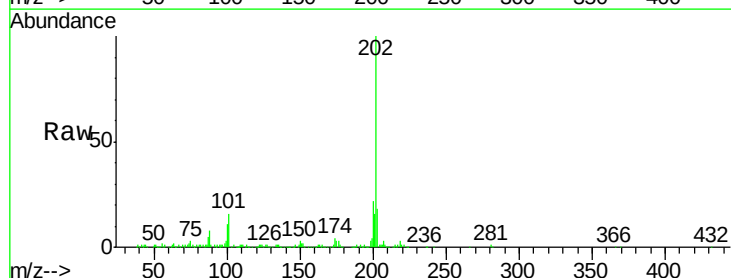
Tgt Ion:202 Resp: 138156

Ion Ratio Lower Upper

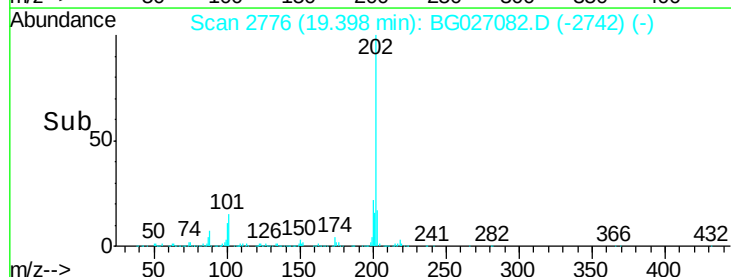
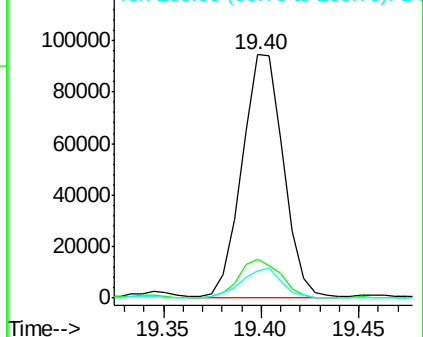
202 100

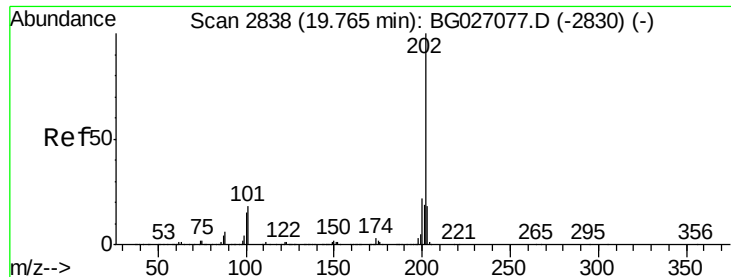
101 15.7 9.9 14.9#

100 11.3 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: 23.17 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

Instrument :

BNA_G

ClientSampleId :

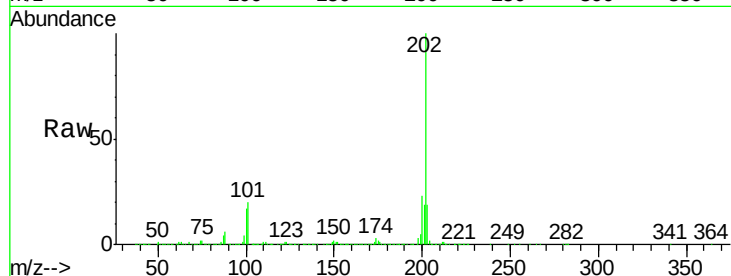
Tot Ion:202 Resp: 1357095

Ion Ratio Lower Upper

202 100

101 19.9 11.0 16.4#

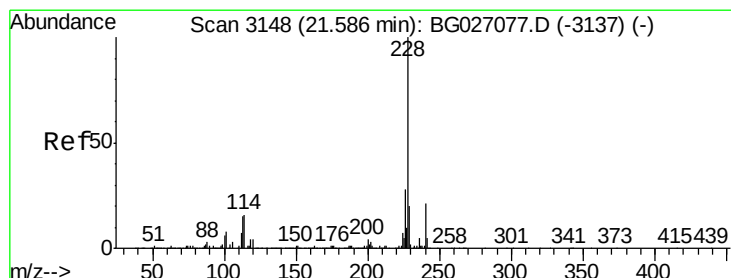
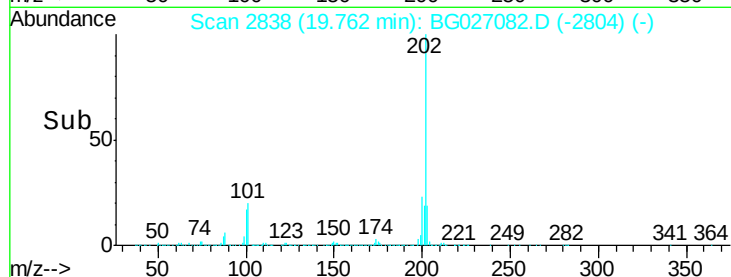
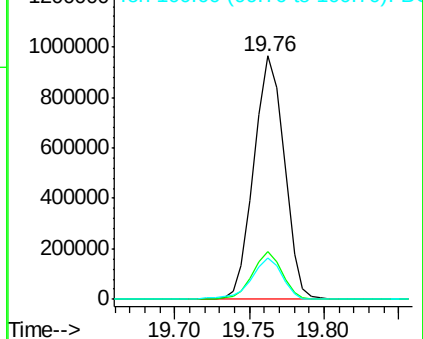
100 16.7 8.1 12.1#



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: 1.42 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

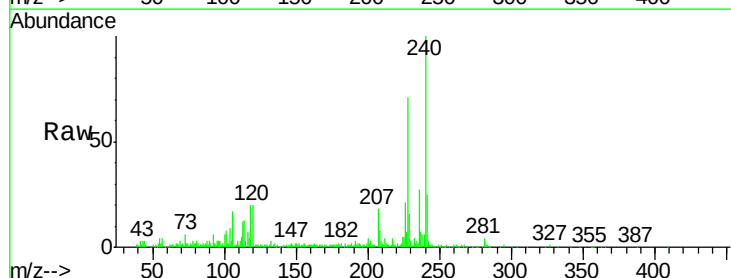
Tgt Ion:228 Resp: 76717

Ion Ratio Lower Upper

228 100

229 22.1 15.7 23.5

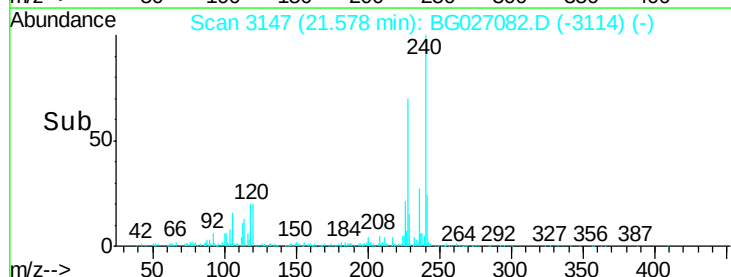
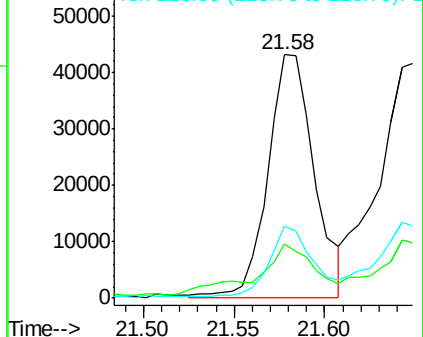
226 29.8 21.1 31.7

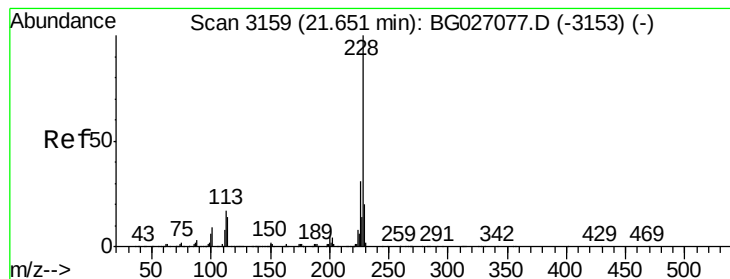


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.59 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

Instrument :

BNA_G

ClientSampled :

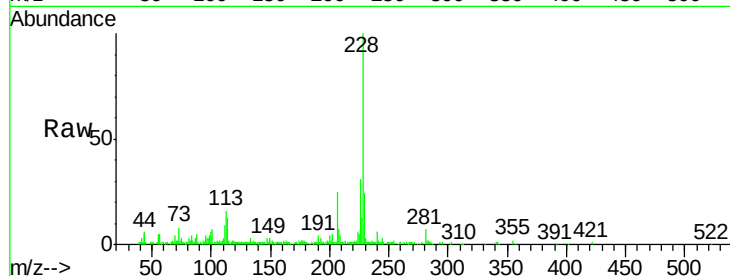
Tot Ion:228 Resp: 78774

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

229 23.6 15.8 23.8

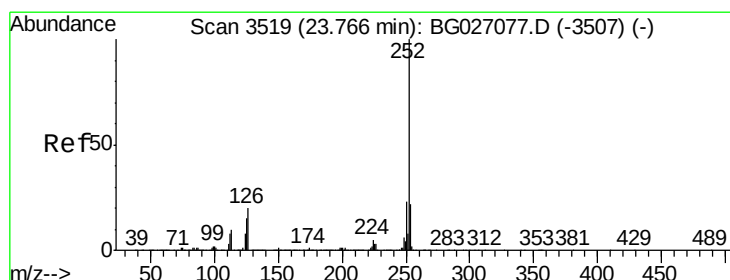
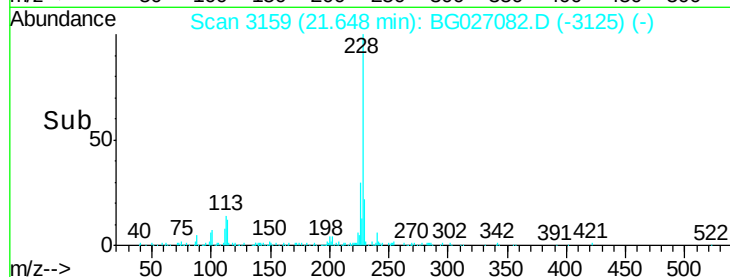
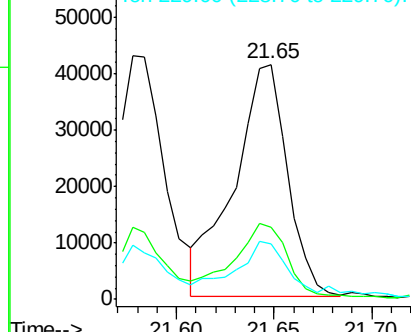


Abundance

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: 2.37 ng/ul

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG027082.D

Acq: 23 May 2017 6:45

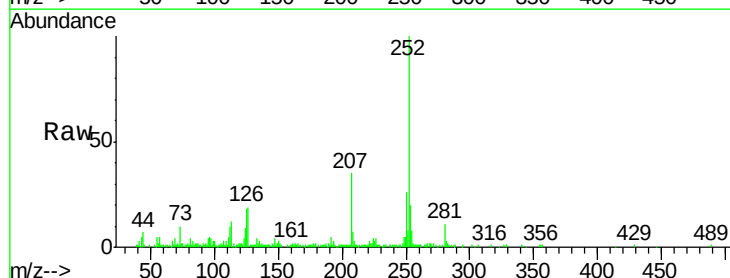
Tgt Ion:252 Resp: 121277

Ion Ratio Lower Upper

252 100

253 19.6 18.0 27.0

125 17.7 8.0 12.0#

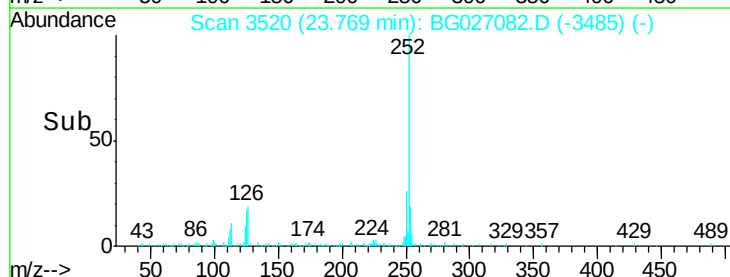
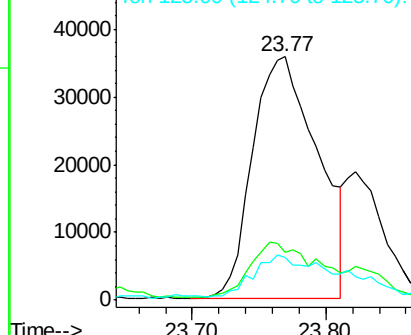


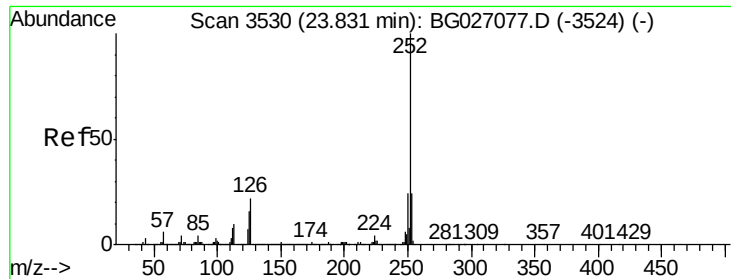
Abundance

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

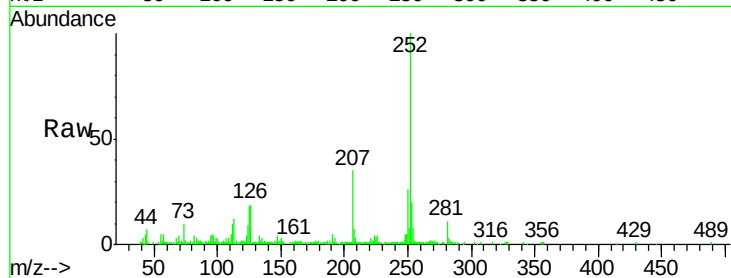




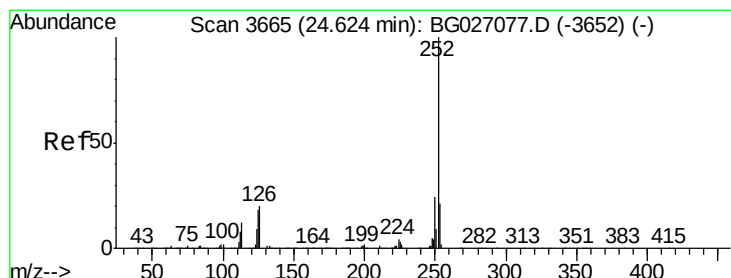
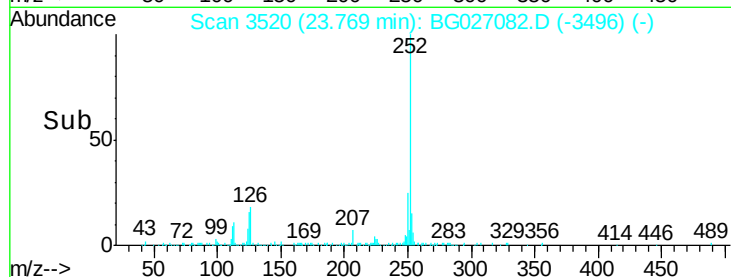
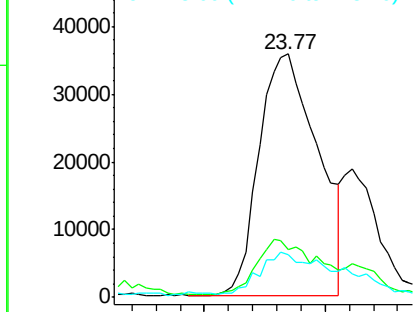
#24
Benzo(k)fluoranthene
Concen: 2.30 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG027082.D
Acq: 23 May 2017 6:45

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	18.0	27.0
125	17.7	8.1	12.1

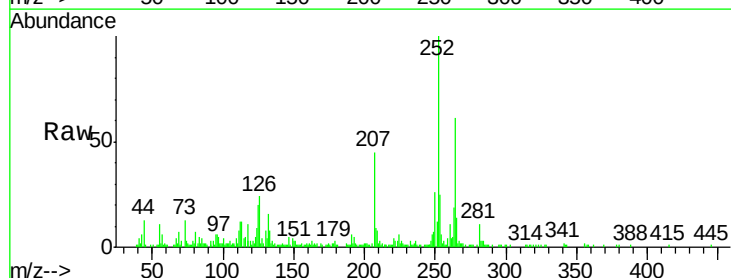


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#26
Benzo(a)pyrene
Concen: 1.34 ng/ul
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG027082.D
Acq: 23 May 2017 6:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	20.1	8.2	12.4



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

