

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027018.D
 Acq On : 19 May 2017 00:32
 Operator : SJ/MA
 Sample : I3137-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC22MS

Quant Time: May 19 03:20:58 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	8.01	152	205663	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	976104	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	536497	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	985980	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	904164	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	931901	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	1011165	18.37	ng/ul	0.00
10) Fluorene-d10	15.60	176	663793	18.08	ng/ul	0.00
14) Anthracene-d10	17.35	188	985980	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	907945	19.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	913197	19.72	ng/ul	0.00

Target Compounds

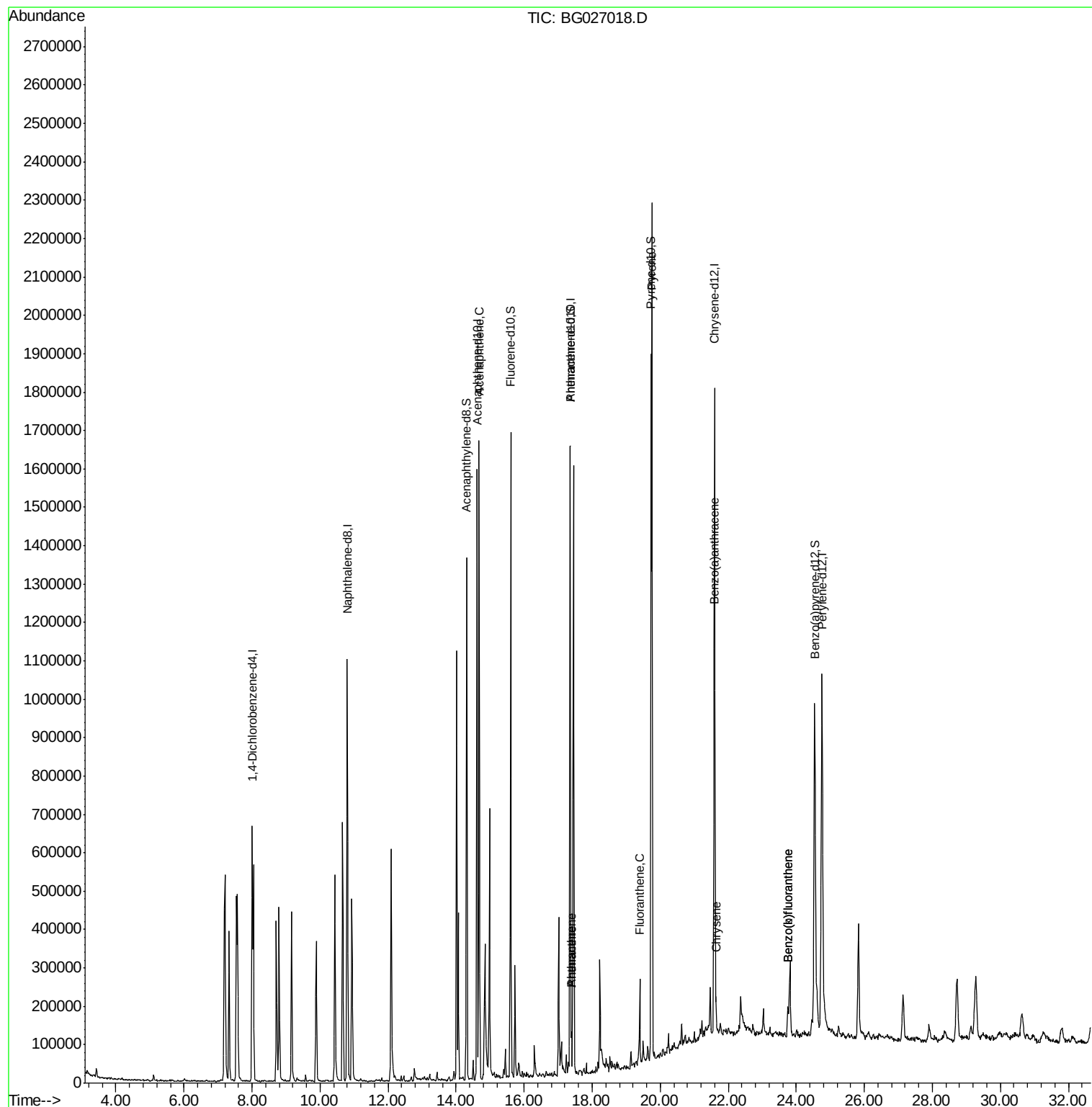
						Qvalue
9) Acenaphthene	14.68	153	696040	18.38	ng/ul	97
13) Phenanthrene	17.39	178	63902	1.16	ng/ul	96
15) Anthracene	17.39	178	64196	1.13	ng/ul	97
16) Fluoranthene	19.40	202	116269	2.06	ng/ul	96
19) Pyrene	19.76	202	1222025	20.68	ng/ul#	84
20) Benzo(a)anthracene	21.58	228	58014	1.06	ng/ul	95
21) Chrysene	21.64	228	61950	1.24	ng/ul	95
23) Benzo(b)fluoranthene	23.75	252	82938	1.50	ng/ul#	92
24) Benzo(k)fluoranthene	23.75	252	82938	1.46	ng/ul#	92

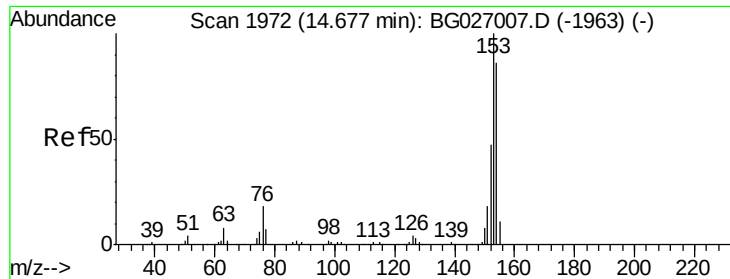
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 18.38 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Instrument :

BNA_G

ClientSampleId :

DAC22MS

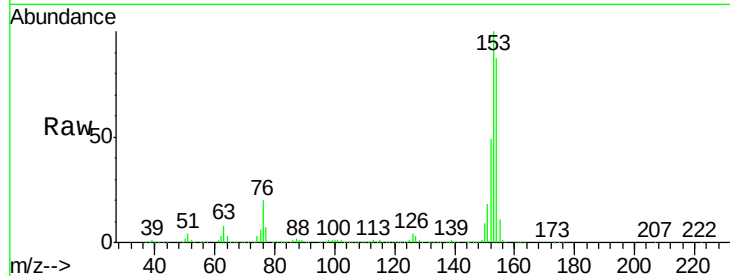
Tgt Ion:153 Resp: 696040

Ion Ratio Lower Upper

153 100

152 49.4 39.0 58.6

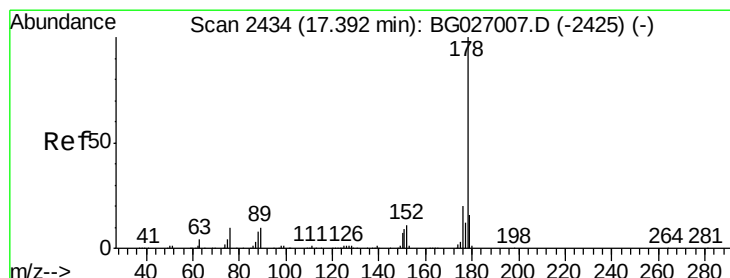
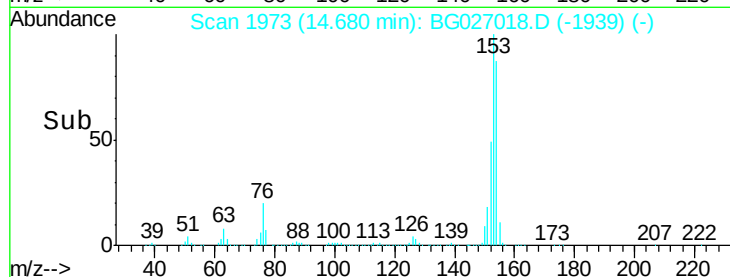
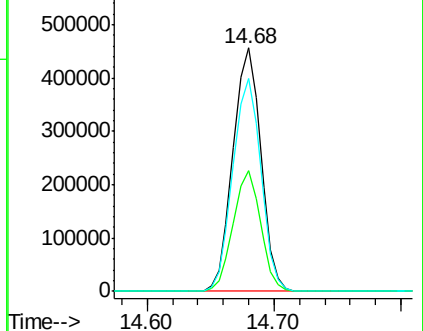
154 87.3 66.8 100.2



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



#13

Phenanthrene

Concen: 1.16 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

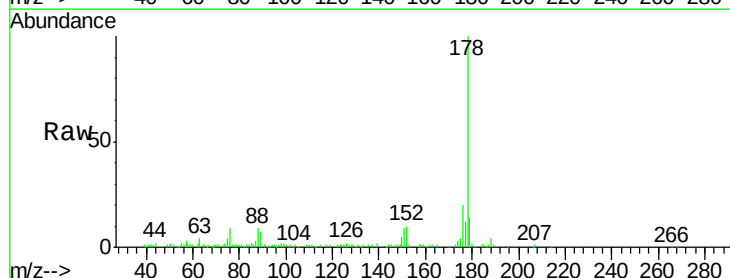
Tgt Ion:178 Resp: 63902

Ion Ratio Lower Upper

178 100

179 13.7 12.3 18.5

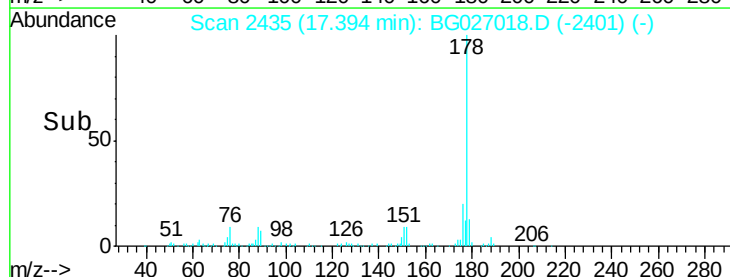
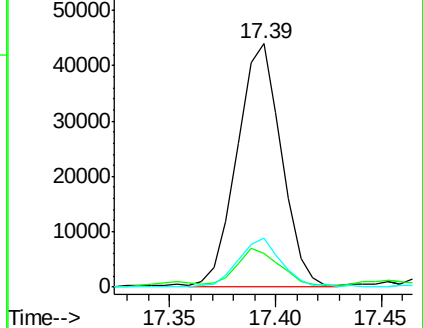
176 20.3 15.1 22.7

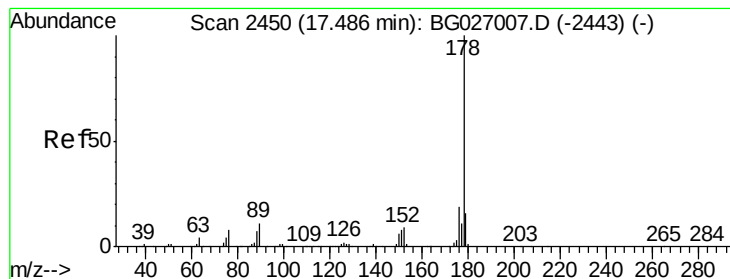


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.13 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.09 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Instrument :

BNA_G

ClientSampleId :

DAC22MS

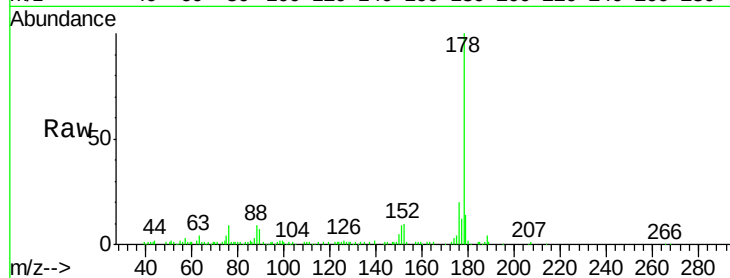
Tgt Ion:178 Resp: 64196

Ion Ratio Lower Upper

178 100

179 13.7 11.8 17.8

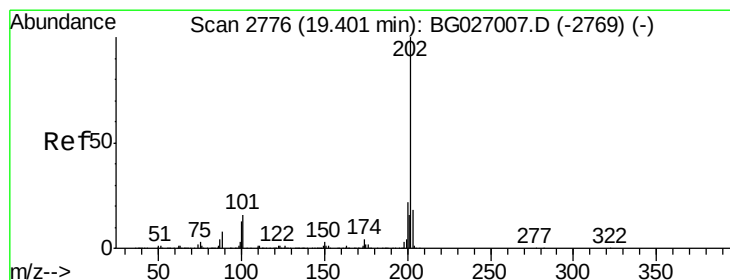
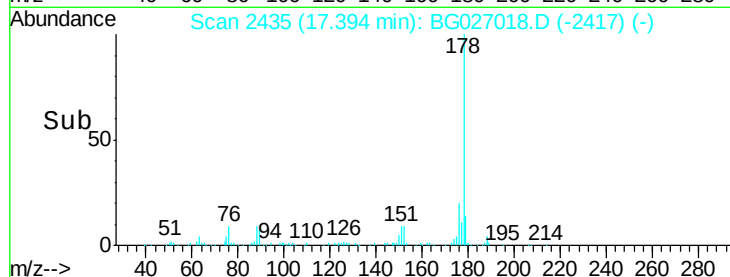
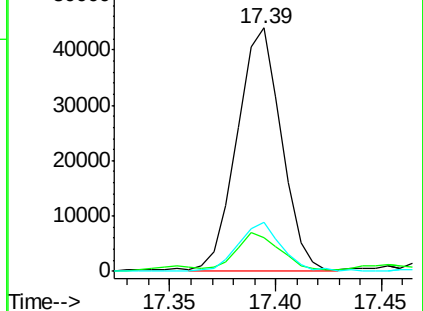
176 20.3 15.2 22.8



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: 2.06 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

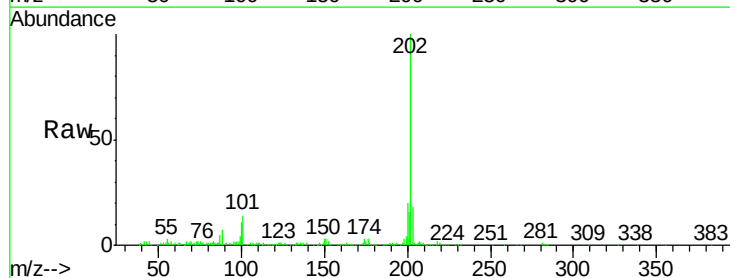
Tgt Ion:202 Resp: 116269

Ion Ratio Lower Upper

202 100

101 14.1 9.9 14.9

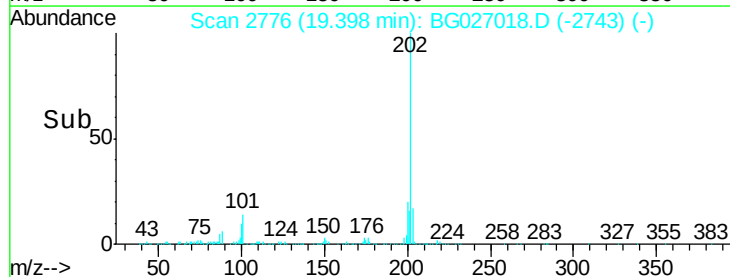
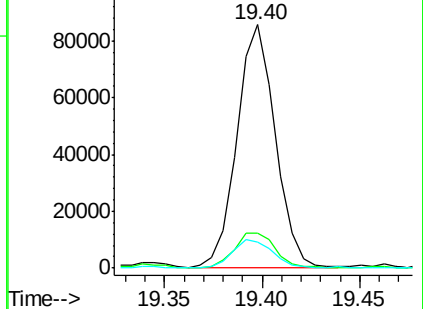
100 10.6 7.4 11.0

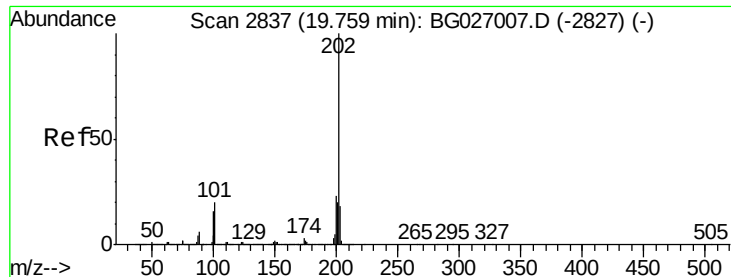


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pyrene

Concen: 20.68 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Instrument :

BNA_G

ClientSampleId :

DAC22MS

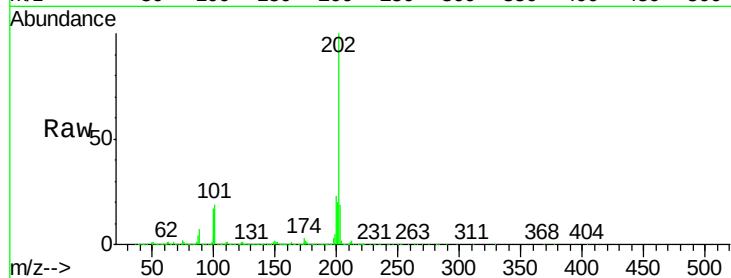
Tgt Ion:202 Resp: 1222025

Ion Ratio Lower Upper

202 100

101 19.4 11.0 16.4#

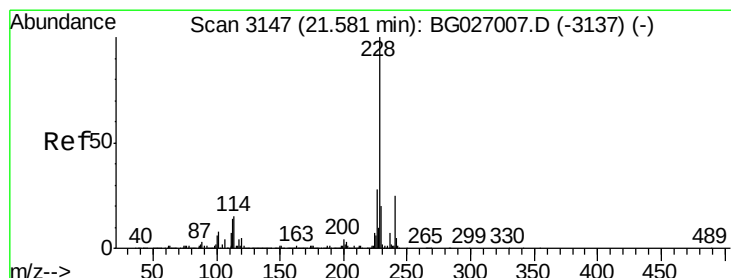
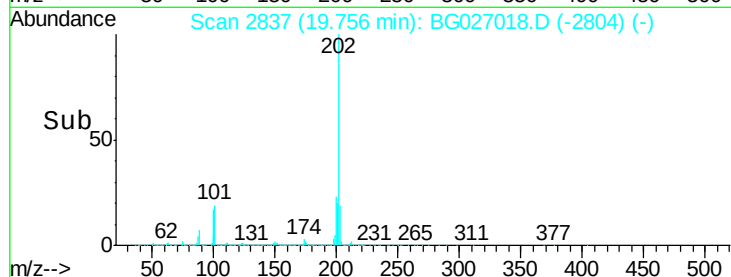
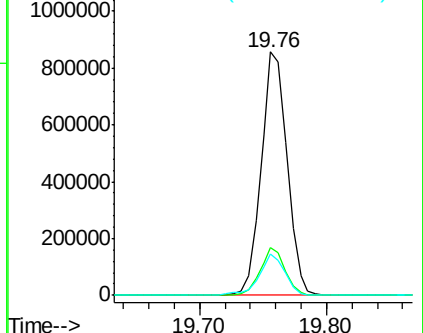
100 16.8 8.1 12.1#



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: 1.06 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

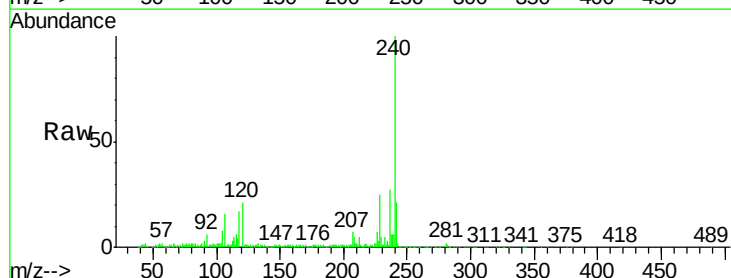
Tgt Ion:228 Resp: 58014

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

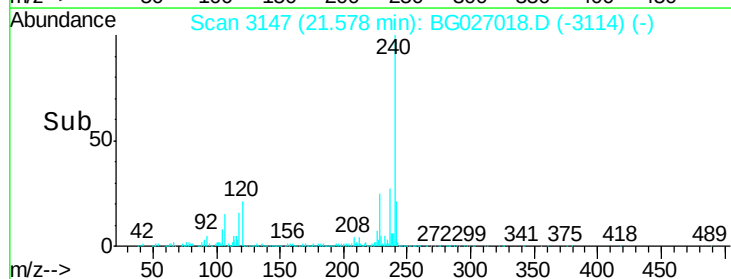
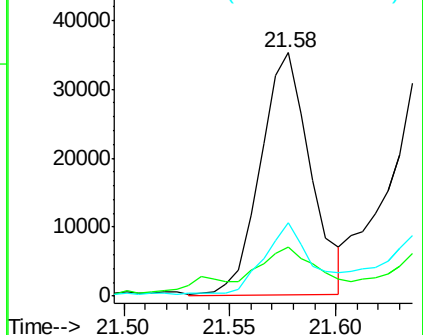
226 30.1 21.1 31.7

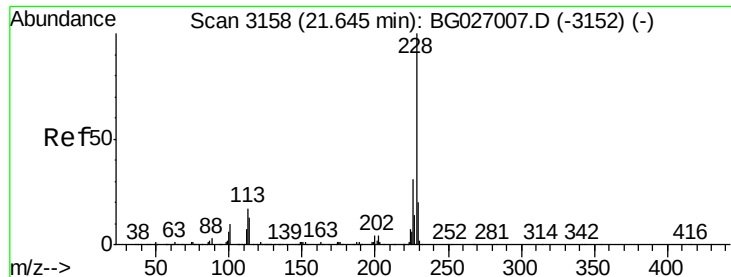


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 1.24 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

Instrument :

BNA_G

ClientSampleId :

DAC22MS

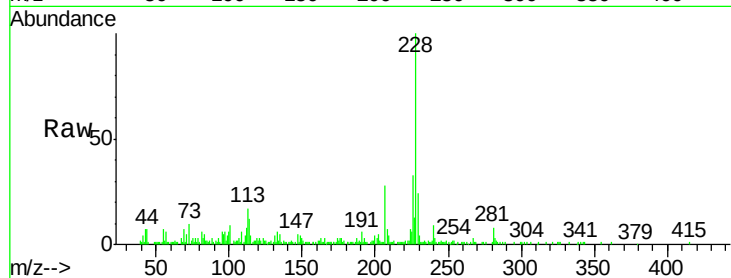
Tgt Ion:228 Resp: 61950

Ion Ratio Lower Upper

228 100

226 32.6 24.5 36.7

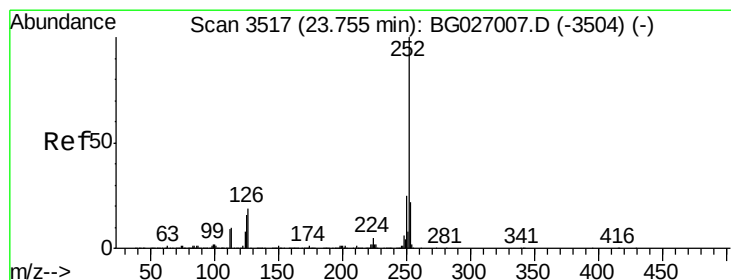
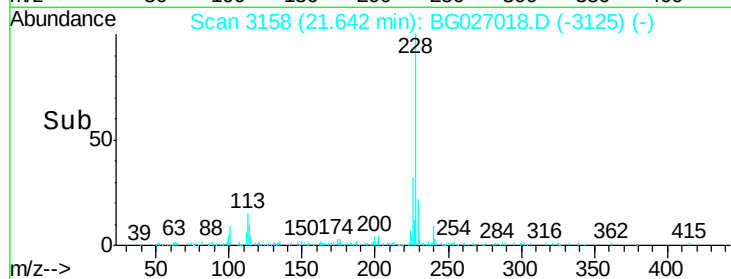
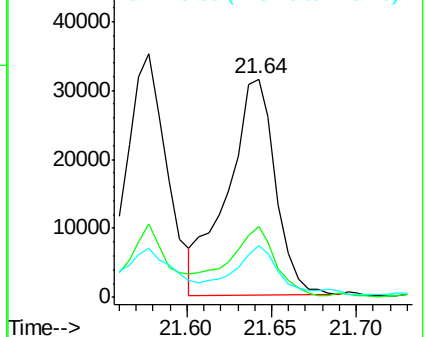
229 23.6 15.8 23.8



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: 1.50 ng/ul

RT: 23.75 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BG027018.D

Acq: 19 May 2017 00:32

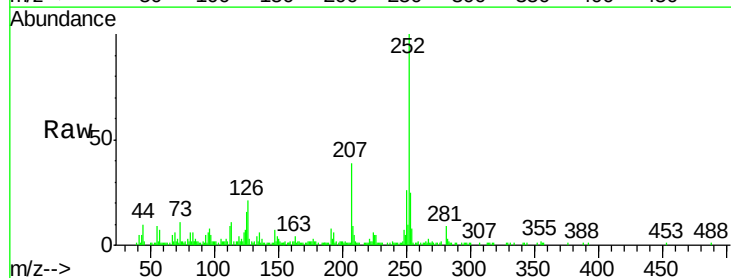
Tgt Ion:252 Resp: 82938

Ion Ratio Lower Upper

252 100

253 24.7 18.0 27.0

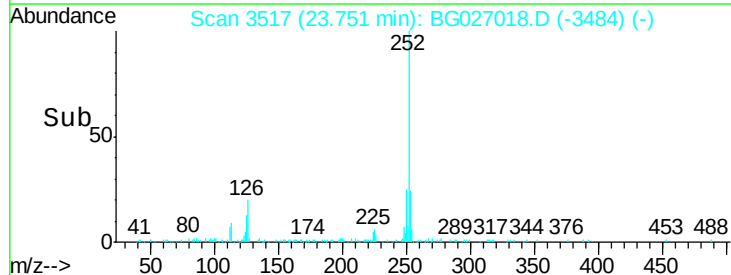
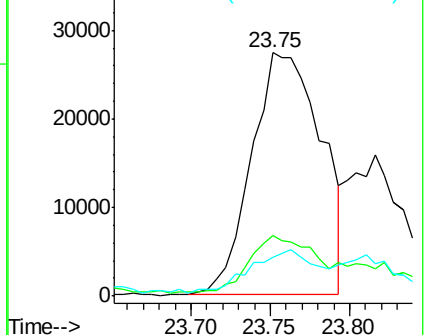
125 15.7 8.0 12.0#

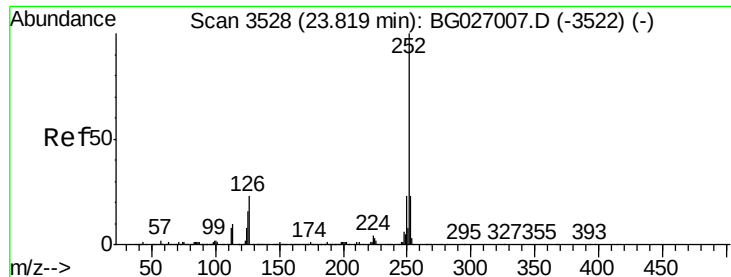


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 1.46 ng/ul

RT: 23.75 min Scan# 3517

Delta R.T. -0.07 min

Lab File: BG027018.D

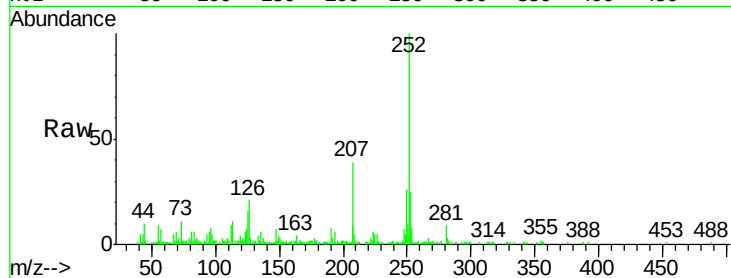
Acq: 19 May 2017 00:32

Instrument :

BNA_G

ClientSampleId :

DAC22MS



Tgt Ion:	252	Resp:	82938
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	15.7	8.1	12.1#

