

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027038.D
 Acq On : 19 May 2017 13:43
 Operator : SJ/MA
 Sample : I3136-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC15

Quant Time: May 19 14:27:31 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	196395	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	917011	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	470516	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	841165	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	760443	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	710742	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	613652	12.71	ng/ul	0.00
10) Fluorene-d10	15.61	176	383622	11.91	ng/ul	0.00
14) Anthracene-d10	17.46	188	529503	12.91	ng/ul	0.00
18) Pyrene-d10	19.74	212	504489	12.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	439702	12.45	ng/ul	0.02

Target Compounds

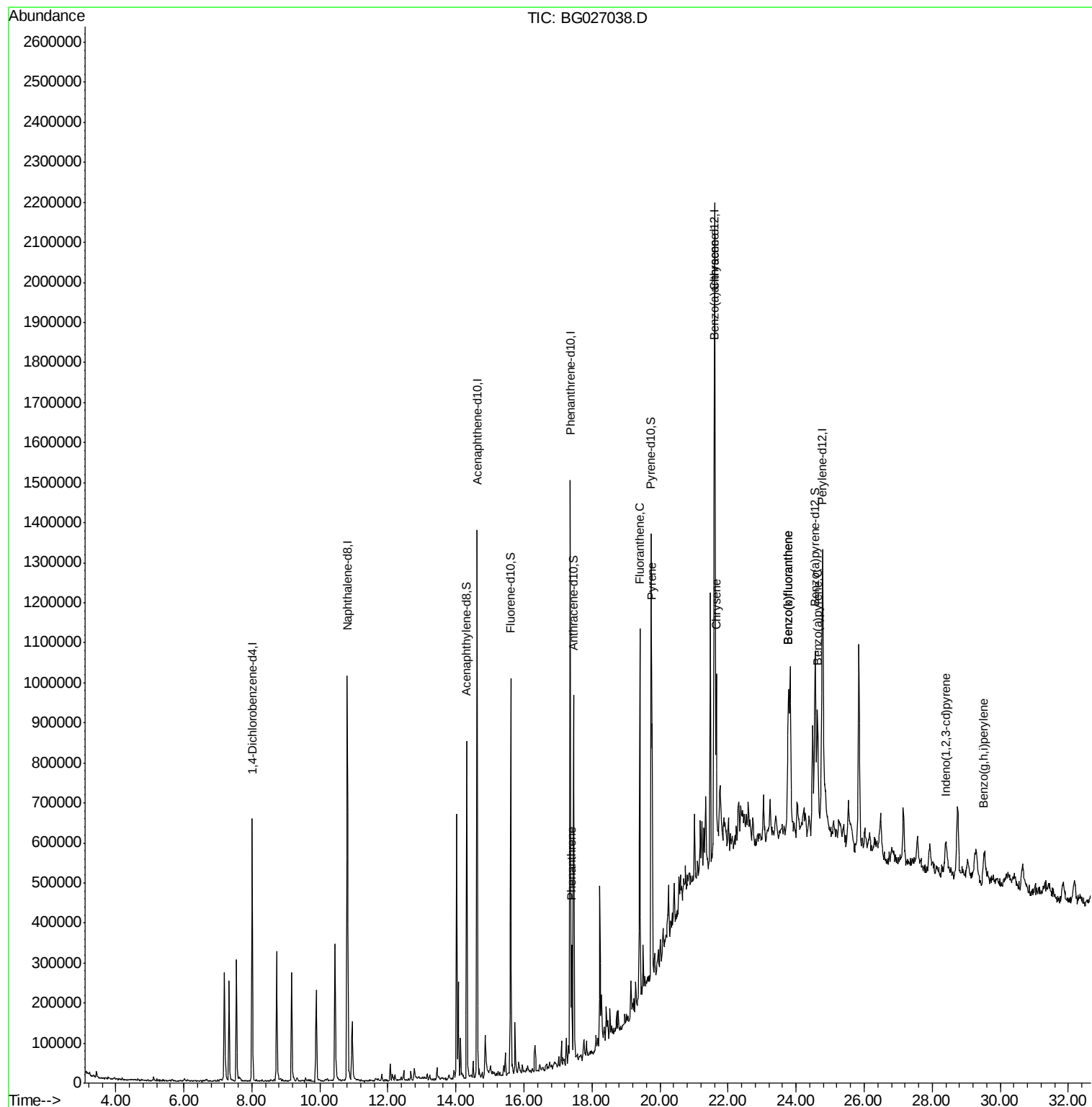
						Qvalue
13) Phenanthrene	17.40	178	165763	3.53	ng/ul	98
16) Fluoranthene	19.40	202	518516	10.79	ng/ul#	90
19) Pyrene	19.77	202	483719	9.73	ng/ul#	90
20) Benzo(a)anthracene	21.59	228	294431	6.43	ng/ul	94
21) Chrysene	21.65	228	292827	6.96	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	398942	9.44	ng/ul#	89
24) Benzo(k)fluoranthene	23.78	252	398942	9.18	ng/ul#	89
26) Benzo(a)pyrene	24.63	252	260399	6.30	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.40	276	126333	3.32	ng/ul#	76
29) Benzo(g,h,i)perylene	29.52	276	59127	1.96	ng/ul#	83

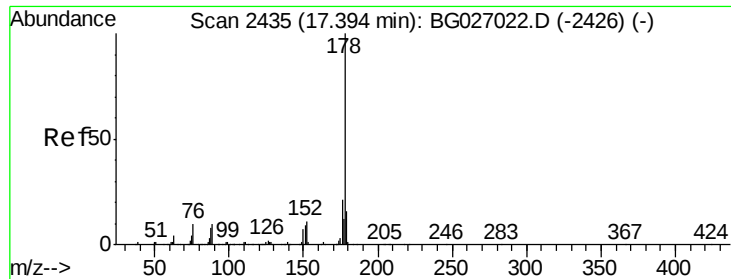
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.53 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

ClientSampleId :

DAC15

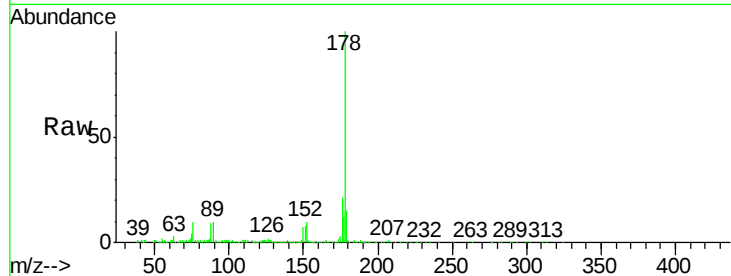
Tgt Ion:178 Resp: 165763

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

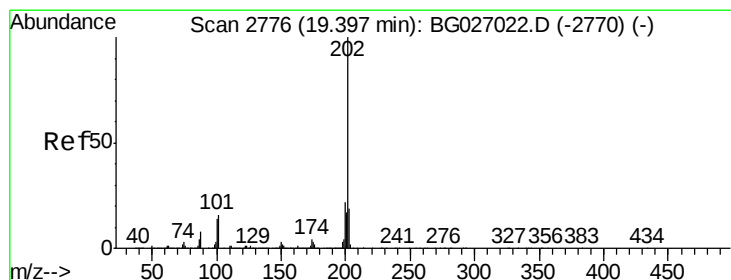
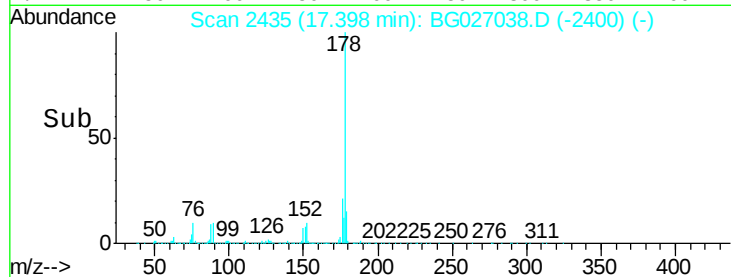
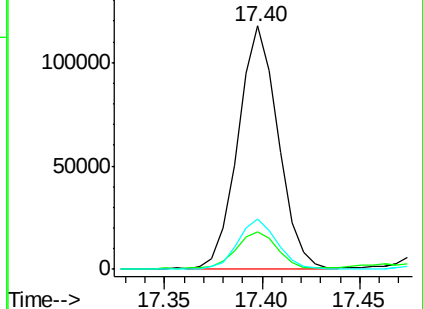
176 20.7 15.1 22.7



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: 10.79 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

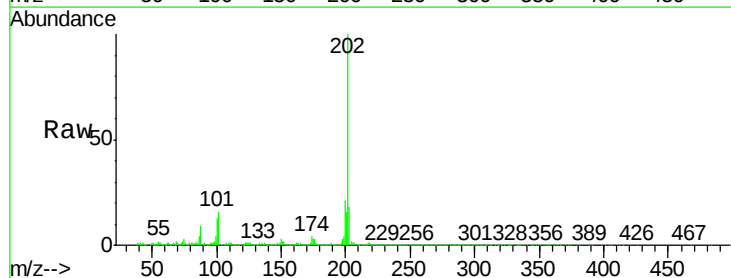
Tgt Ion:202 Resp: 518516

Ion Ratio Lower Upper

202 100

101 16.3 9.9 14.9#

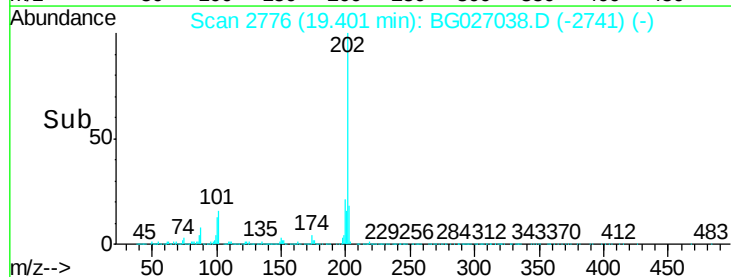
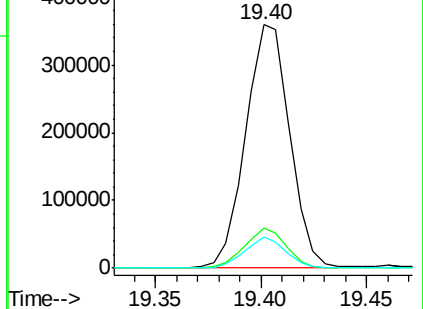
100 12.8 7.4 11.0#

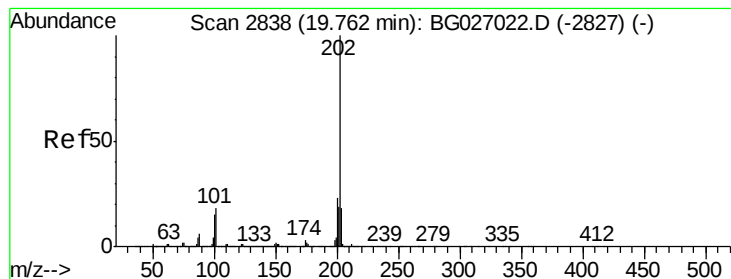


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 9.73 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

ClientSampleId :

DAC15

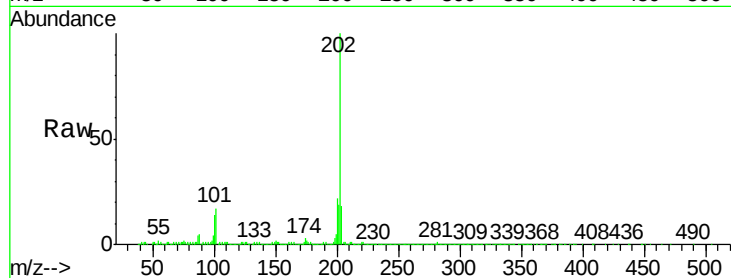
Tgt Ion:202 Resp: 483719

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.4#

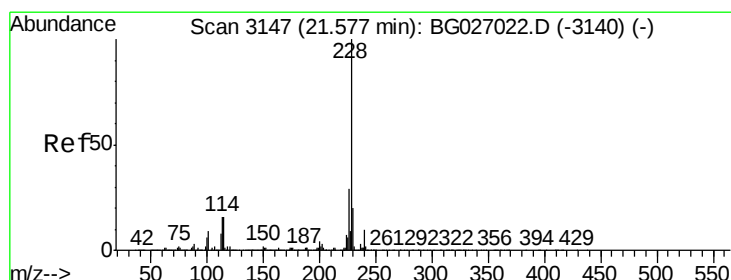
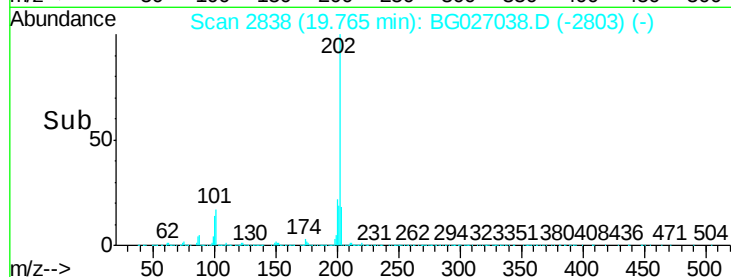
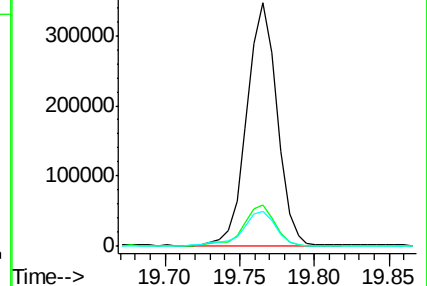
100 14.4 8.1 12.1#



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: 6.43 ng/ul

RT: 21.59 min Scan# 3148

Delta R.T. 0.01 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

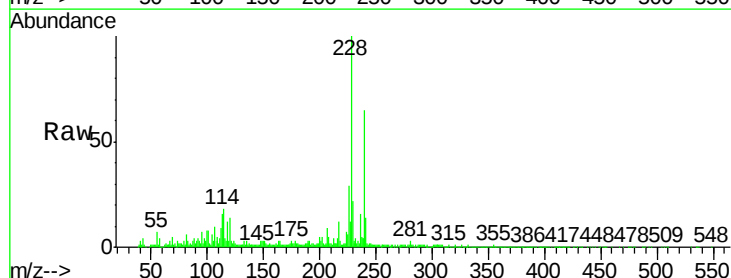
Tgt Ion:228 Resp: 294431

Ion Ratio Lower Upper

228 100

229 22.1 15.7 23.5

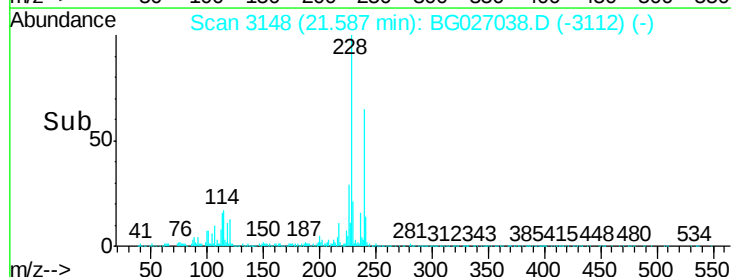
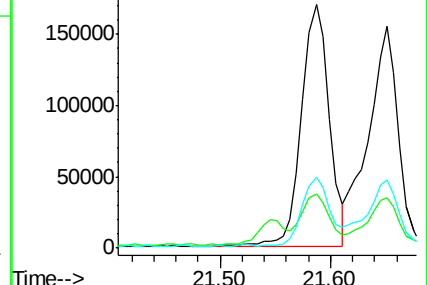
226 29.3 21.1 31.7

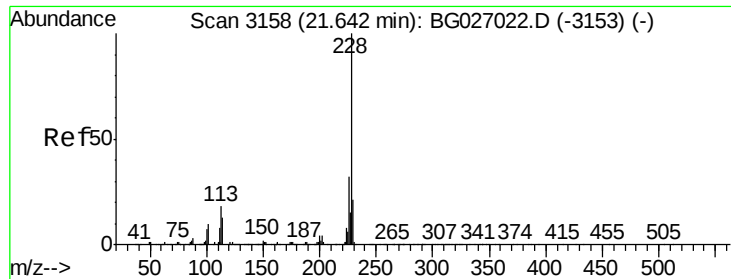


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 6.96 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

ClientSampleId :

DAC15

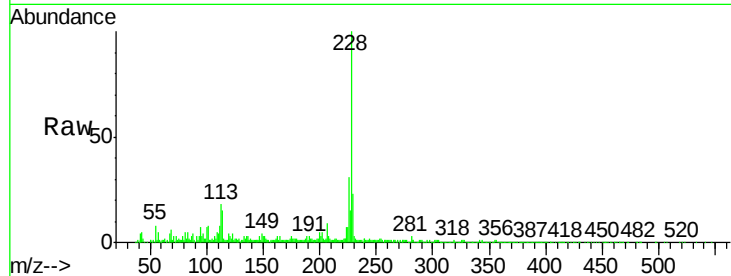
Tgt Ion:228 Resp: 292827

Ion Ratio Lower Upper

228 100

226 31.1 24.5 36.7

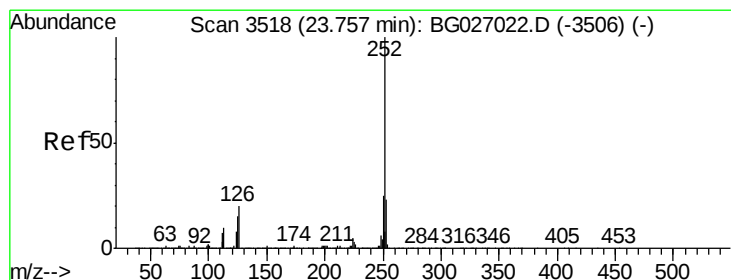
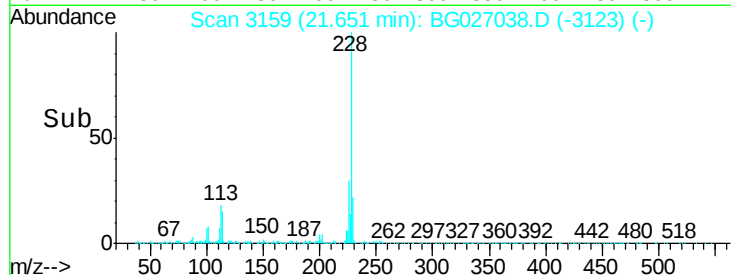
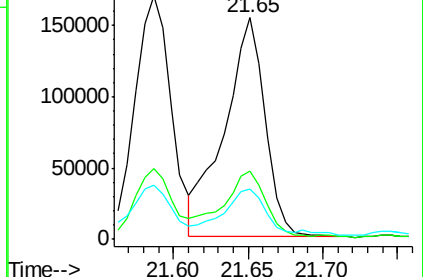
229 23.0 15.8 23.8



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: 9.44 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

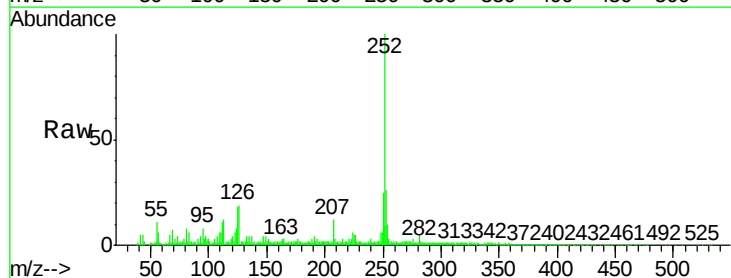
Tgt Ion:252 Resp: 398942

Ion Ratio Lower Upper

252 100

253 25.6 18.0 27.0

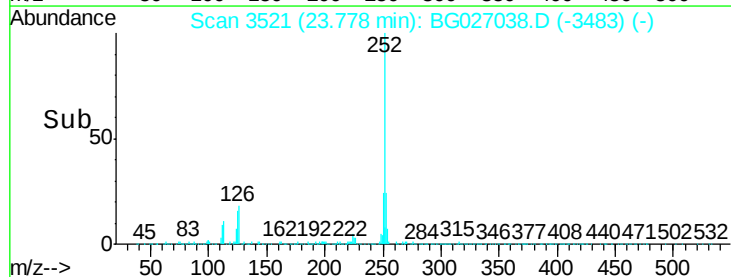
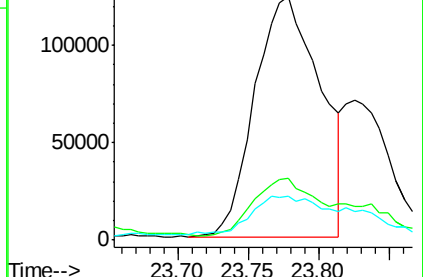
125 17.8 8.0 12.0#

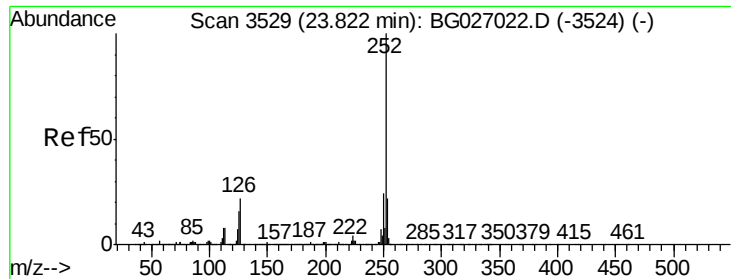


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 9.18 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.04 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

Instrument :

BNA_G

ClientSampleId :

DAC15

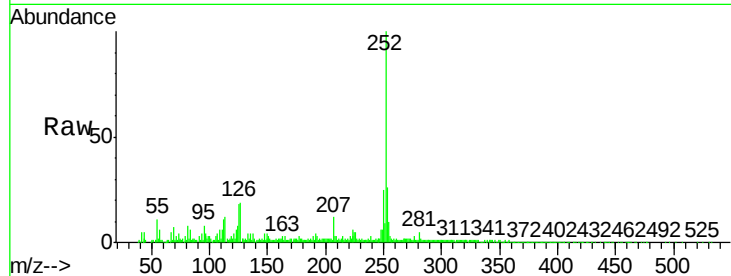
Tgt Ion:252 Resp: 398942

Ion Ratio Lower Upper

252 100

253 25.6 18.0 27.0

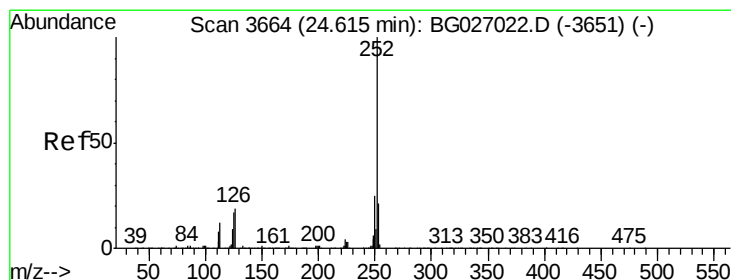
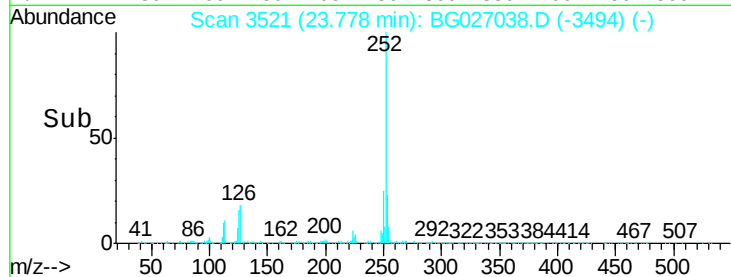
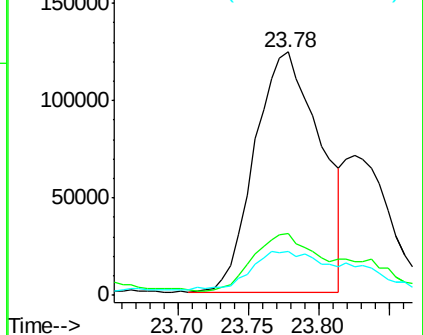
125 17.8 8.1 12.1#



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: 6.30 ng/ul

RT: 24.63 min Scan# 3666

Delta R.T. 0.02 min

Lab File: BG027038.D

Acq: 19 May 2017 13:43

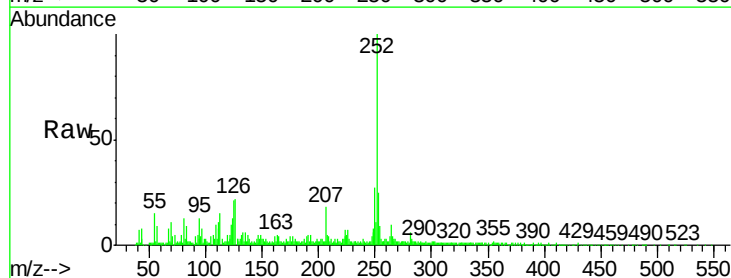
Tgt Ion:252 Resp: 260399

Ion Ratio Lower Upper

252 100

253 24.9 17.2 25.8

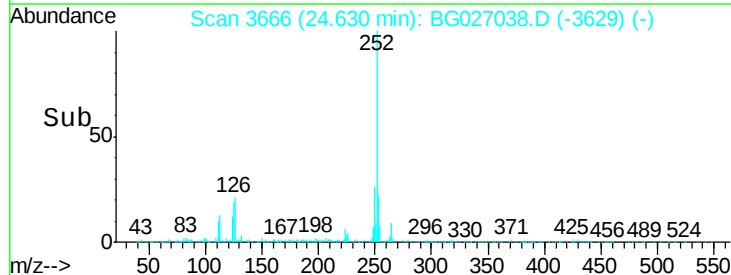
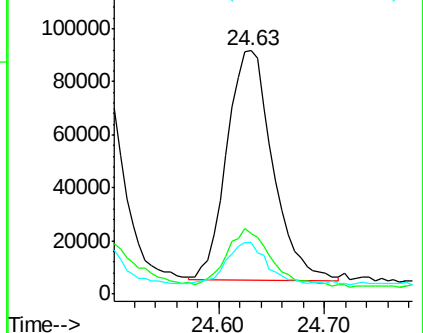
125 21.0 8.2 12.4#

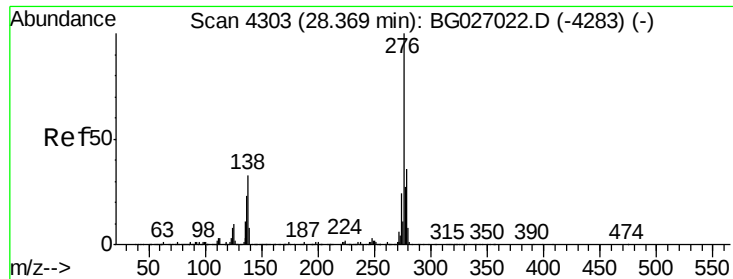


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

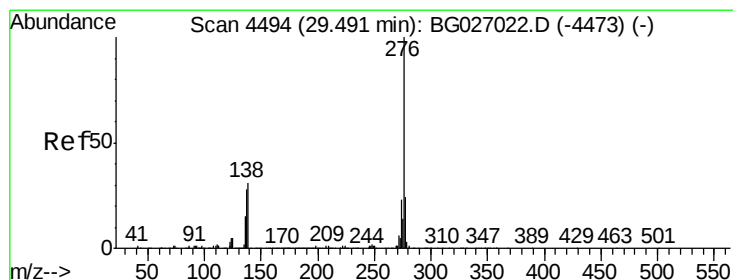
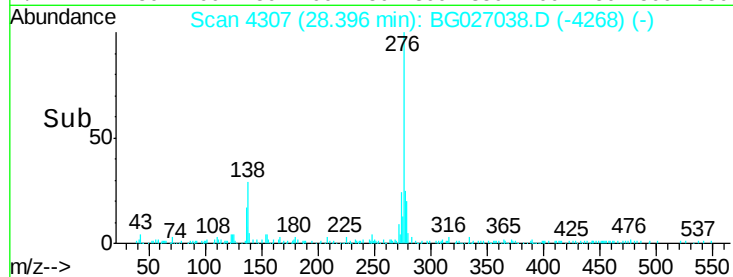
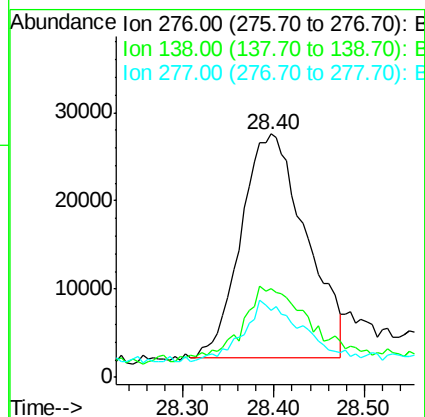
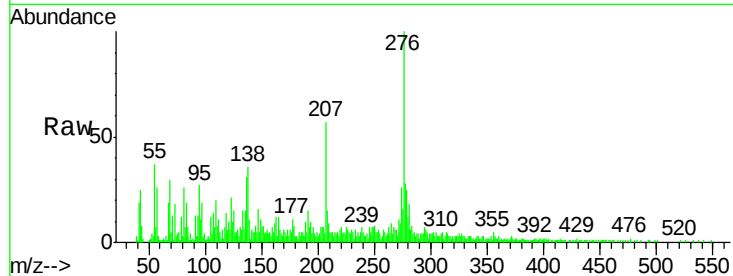




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.32 ng/ul
 RT: 28.40 min Scan# 4307
 Delta R.T. 0.03 min
 Lab File: BG027038.D
 Acq: 19 May 2017 13:43

Instrument :
 BNA_G
 ClientSampleId :
 DAC15

Tgt Ion:276 Resp: 126333
 Ion Ratio Lower Upper
 276 100
 138 36.2 14.4 21.6#
 277 27.5 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.96 ng/ul
 RT: 29.52 min Scan# 4498
 Delta R.T. 0.03 min
 Lab File: BG027038.D
 Acq: 19 May 2017 13:43

Tgt Ion:276 Resp: 59127
 Ion Ratio Lower Upper
 276 100
 138 33.4 15.3 22.9#
 277 25.9 19.0 28.4

