

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027148.D
 Acq On : 25 May 2017 4:01
 Operator : SJ/MA
 Sample : I3277-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 06:06:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	169217	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	845247	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	442697	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	795895	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721154	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	615469	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	980692	21.60	ng/ul	0.00
10) Fluorene-d10	15.61	176	626602	20.68	ng/ul	0.00
14) Anthracene-d10	17.36	188	795895	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	804966	21.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	688198	22.50	ng/ul	0.00

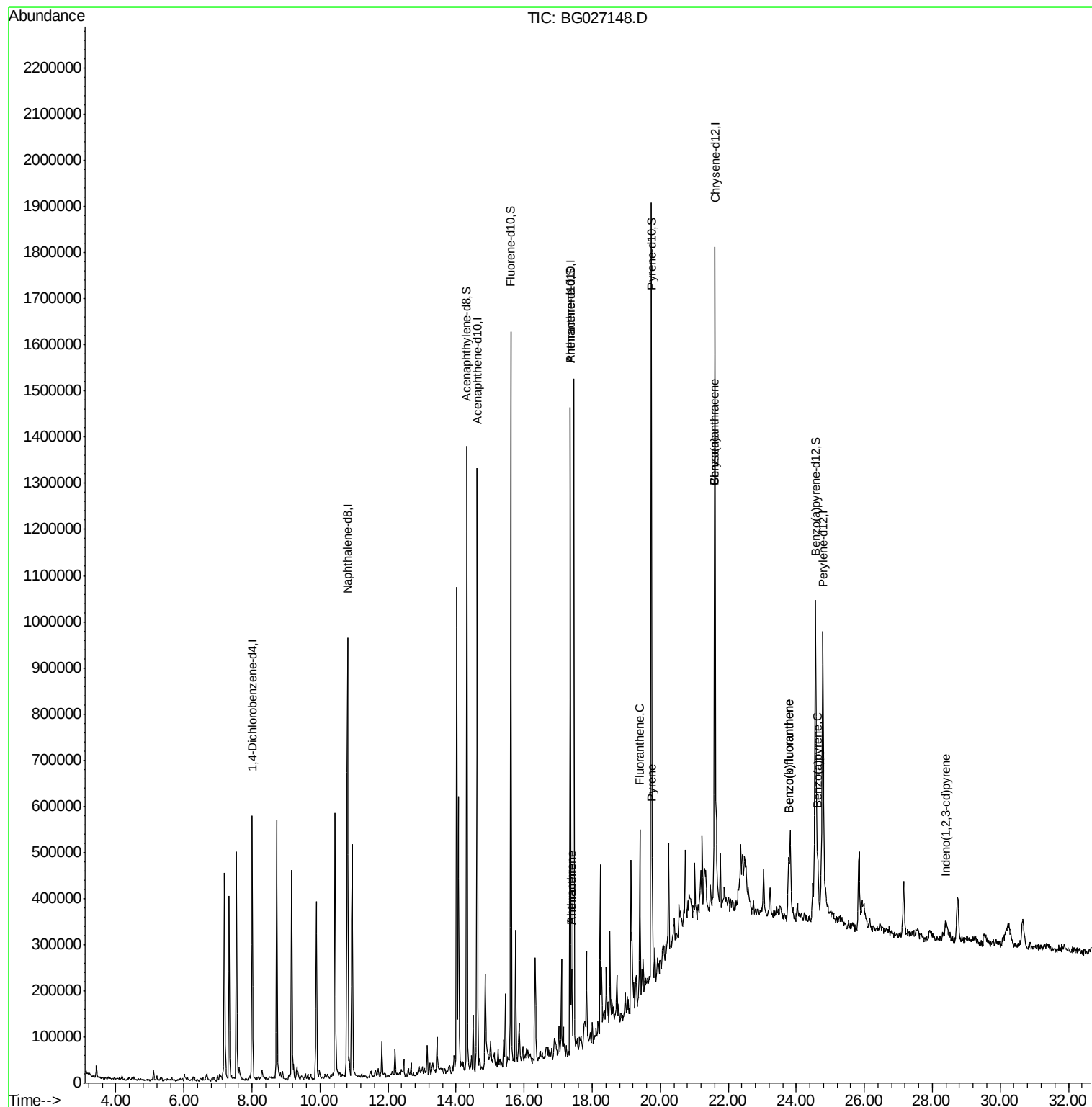
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.40	178	105491	2.37	ng/ul	98
15) Anthracene	17.40	178	105665	2.31	ng/ul	99
16) Fluoranthene	19.40	202	164700	3.62	ng/ul#	88
19) Pyrene	19.77	202	141308	3.00	ng/ul#	88
20) Benzo(a)anthracene	21.59	228	89023	2.05	ng/ul	92
21) Chrysene	21.59	228	86833	2.18	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	129613	3.54	ng/ul#	92
24) Benzo(k)fluoranthene	23.77	252	129613	3.44	ng/ul#	92
26) Benzo(a)pyrene	24.63	252	72971	2.04	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	28.41	276	47705	1.45	ng/ul#	75

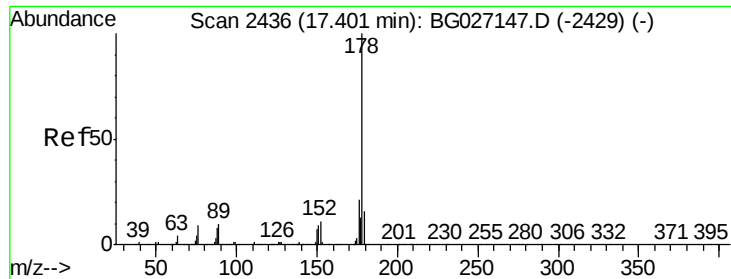
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.37 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

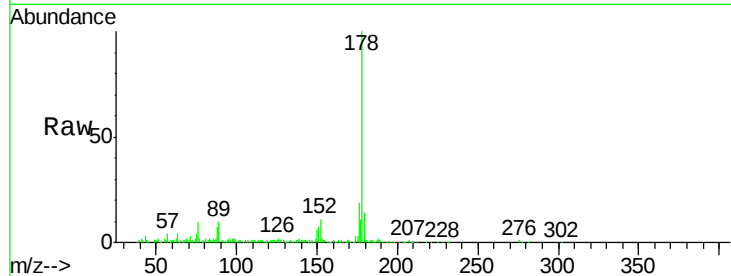
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 105491

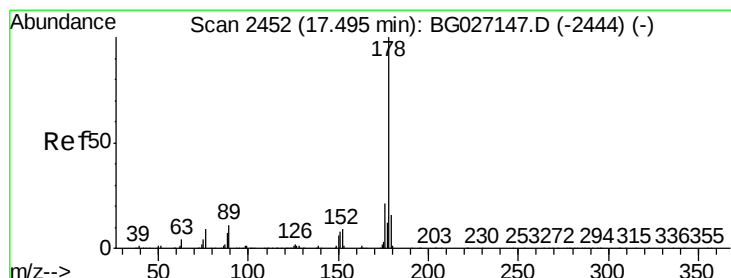
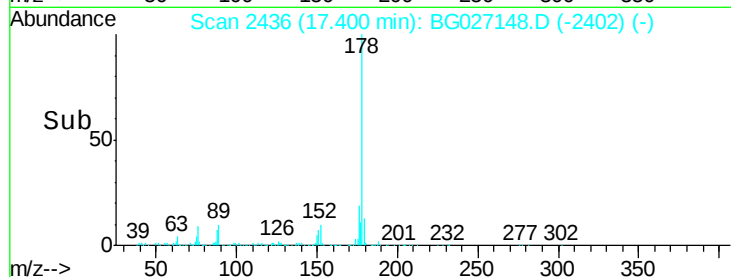
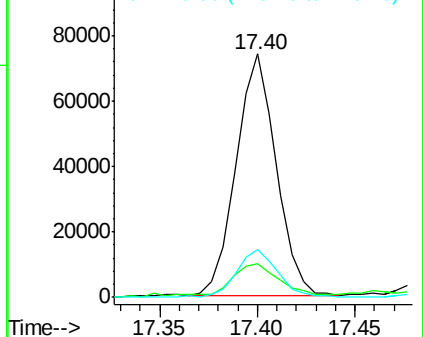
Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.3	18.5
176	19.4	15.1	22.7



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: 2.31 ng/ul

RT: 17.40 min Scan# 2436

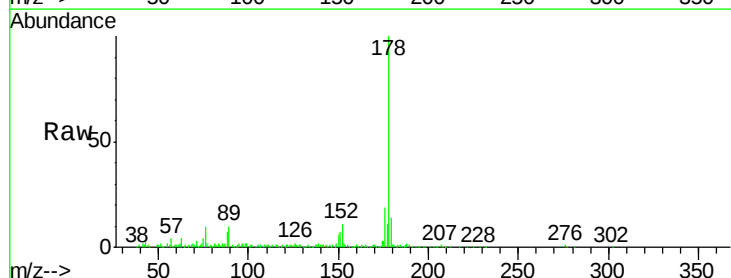
Delta R.T. -0.10 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Tgt Ion:178 Resp: 105665

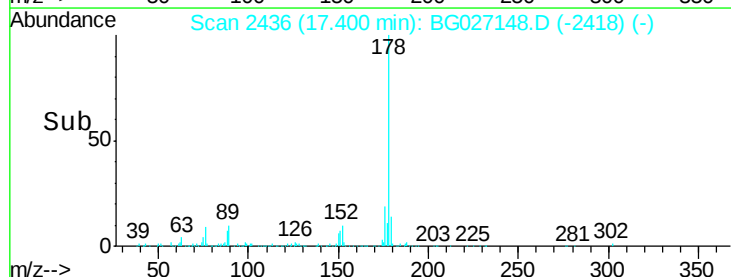
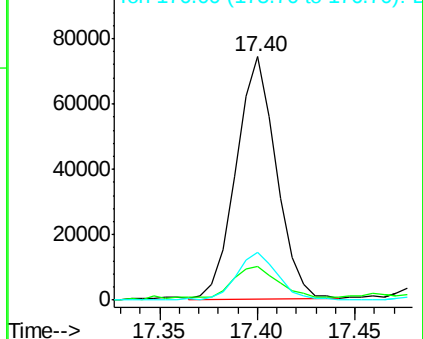
Ion	Ratio	Lower	Upper
178	100		
179	14.0	11.8	17.8
176	19.4	15.2	22.8

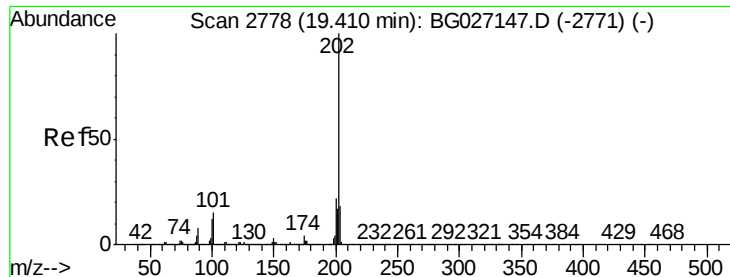


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 3.62 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

ClientSampleId :

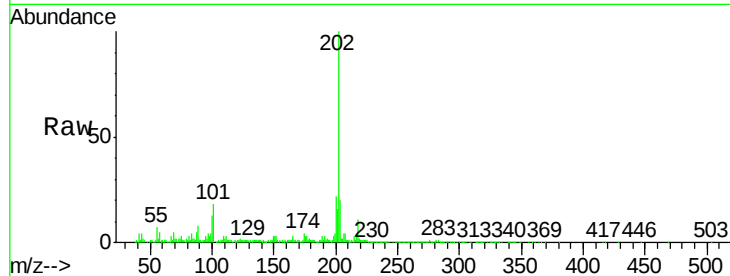
Tot Ion:202 Resp: 164700

Ion Ratio Lower Upper

202 100

101 18.1 9.9 14.9#

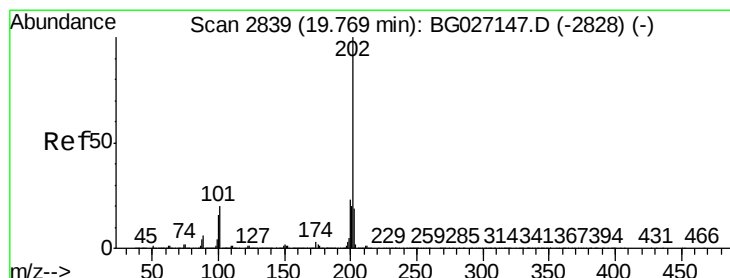
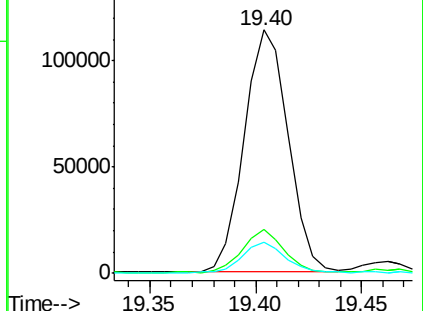
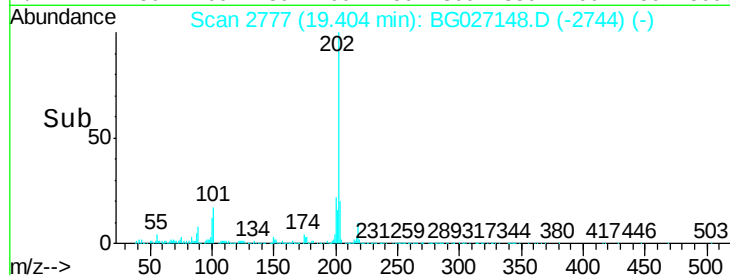
100 12.6 7.4 11.0#



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): B



#19

Pyrene

Concen: 3.00 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

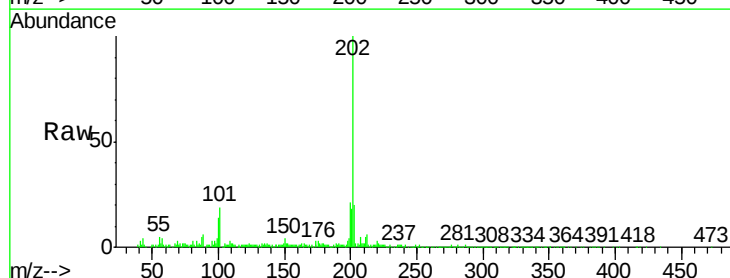
Tgt Ion:202 Resp: 141308

Ion Ratio Lower Upper

202 100

101 18.8 11.0 16.4#

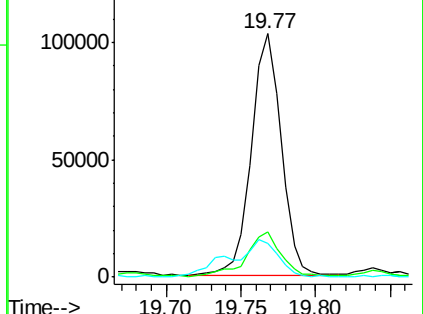
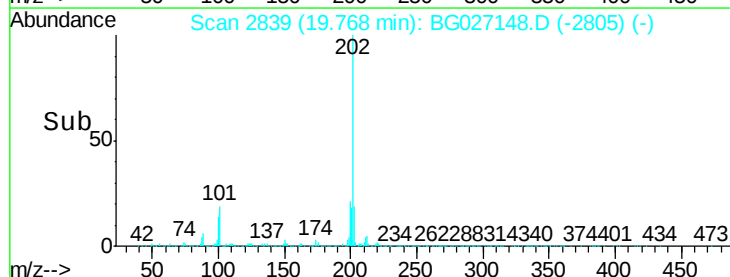
100 13.9 8.1 12.1#

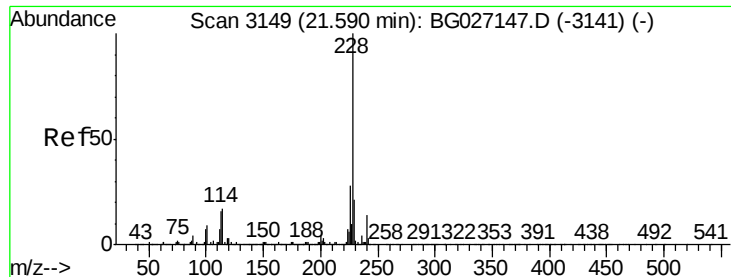


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 2.05 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

ClientSampleId :

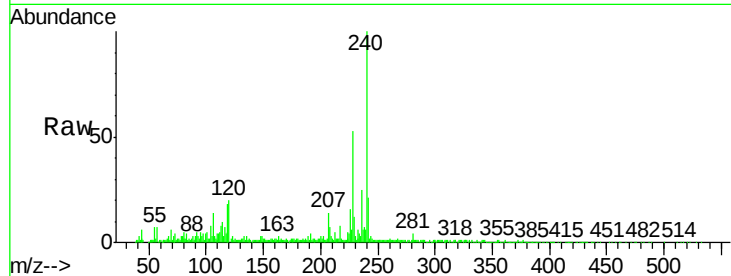
Tot Ion:228 Resp: 89023

Ion Ratio Lower Upper

228 100

229 23.1 15.7 23.5

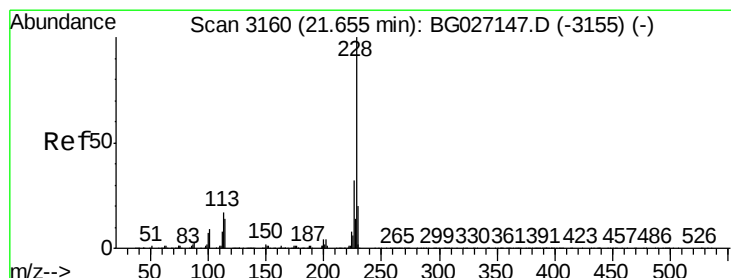
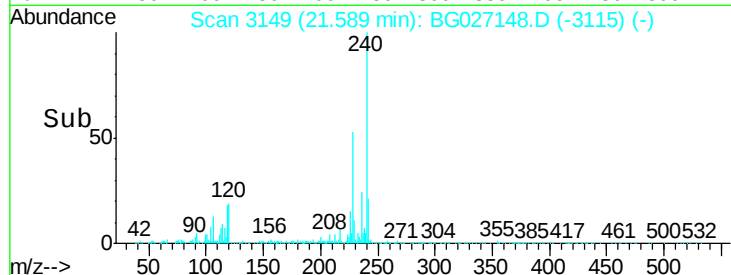
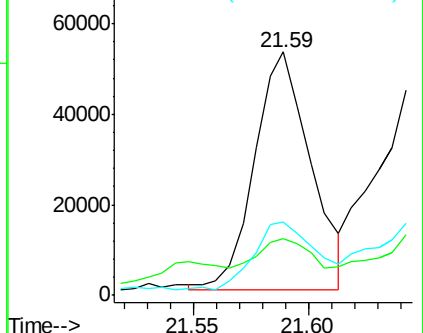
226 30.4 21.1 31.7



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: 2.18 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. -0.07 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

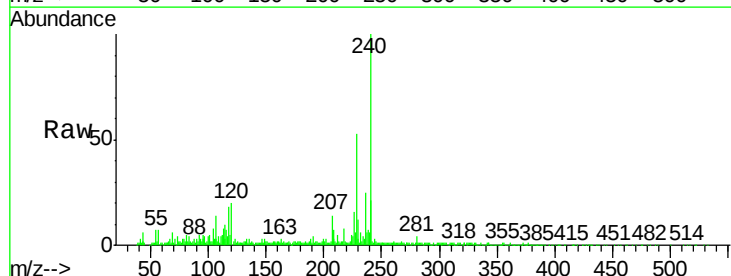
Tgt Ion:228 Resp: 86833

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

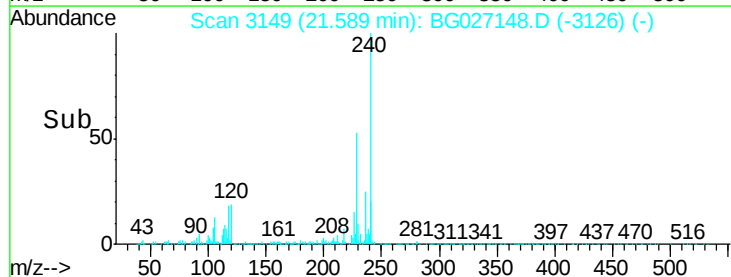
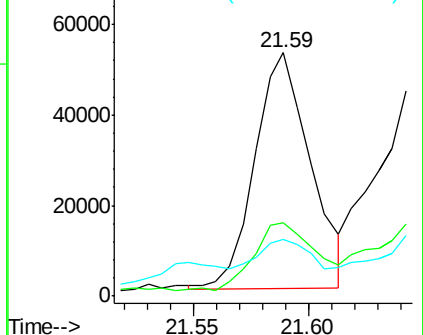
229 23.1 15.8 23.8

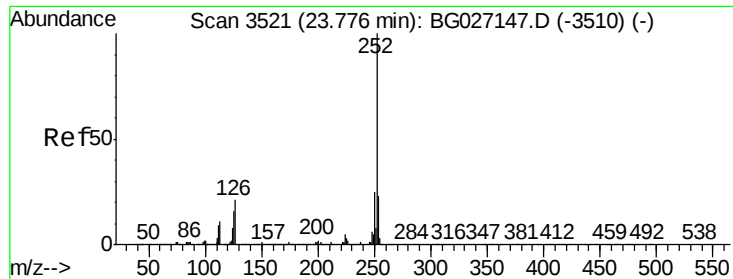


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

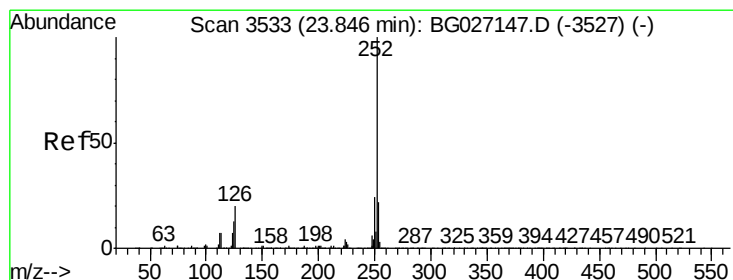
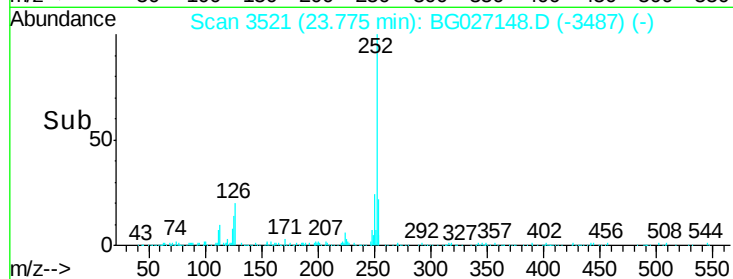
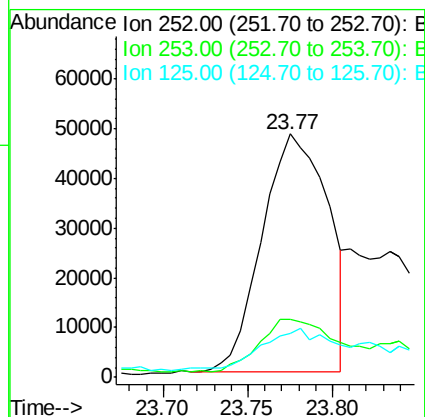
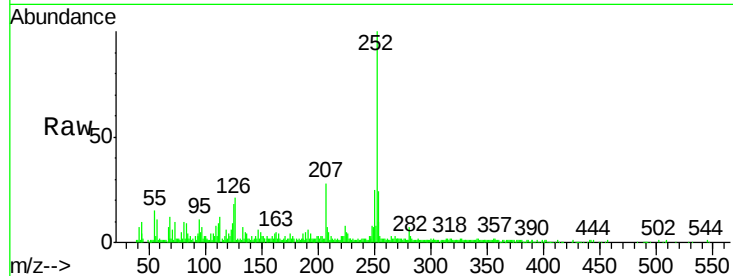




#23
Benzo(b)fluoranthene
Concen: 3.54 ng/ul
RT: 23.77 min Scan# 3521
Delta R.T. -0.00 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

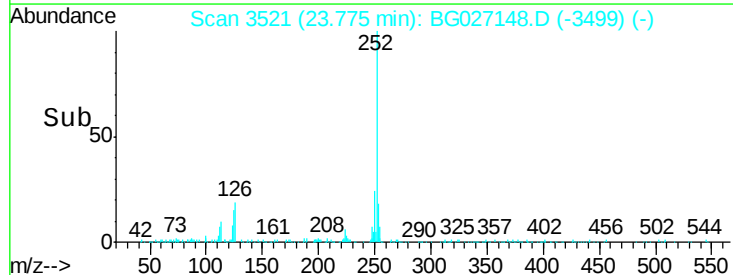
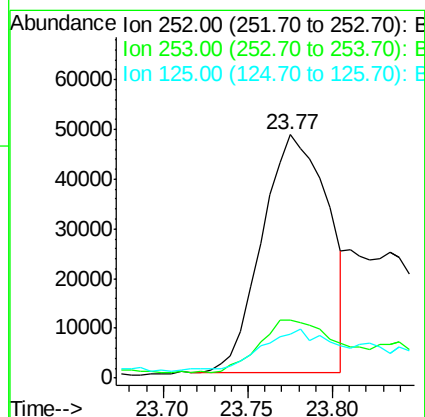
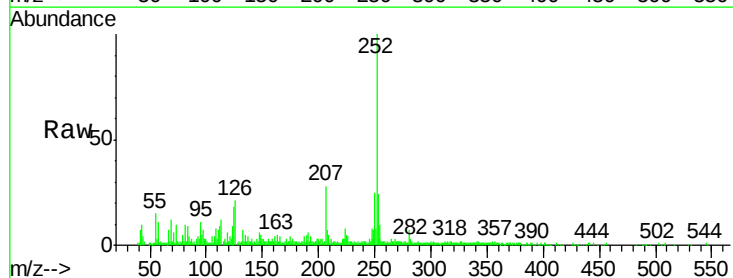
Instrument :
BNA_G
ClientSampleId :

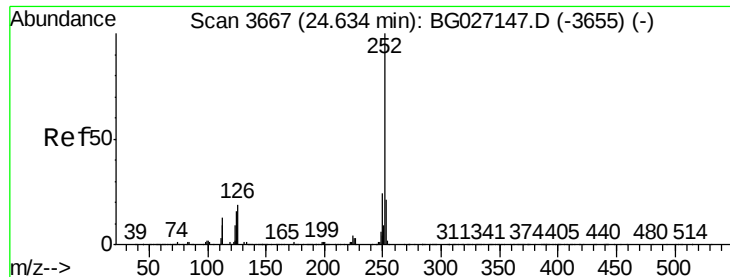
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	18.0	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 3.44 ng/ul
RT: 23.77 min Scan# 3521
Delta R.T. -0.07 min
Lab File: BG027148.D
Acq: 25 May 2017 4:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	18.0	8.1	12.1





#26

Benzo(a)pyrene

Concen: 2.04 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

Instrument :

BNA_G

ClientSampleId :

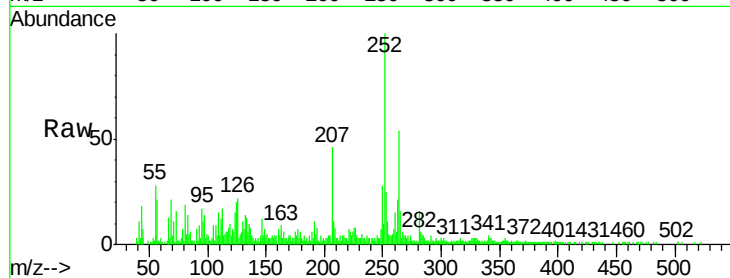
Tot Ion:252 Resp: 72971

Ion Ratio Lower Upper

252 100

253 25.1 17.2 25.8

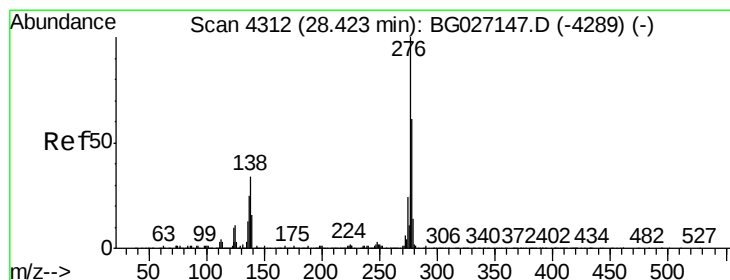
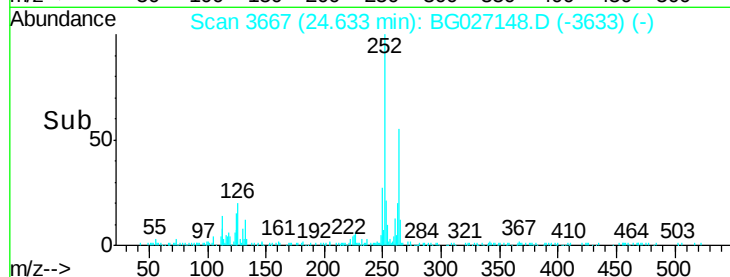
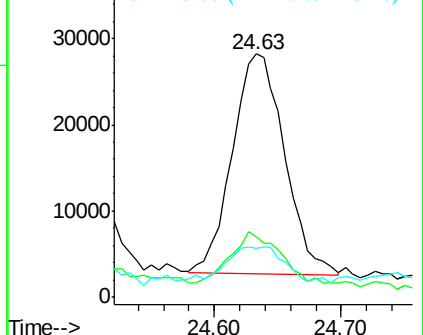
125 20.4 8.2 12.4#



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: 1.45 ng/ul

RT: 28.41 min Scan# 4310

Delta R.T. -0.01 min

Lab File: BG027148.D

Acq: 25 May 2017 4:01

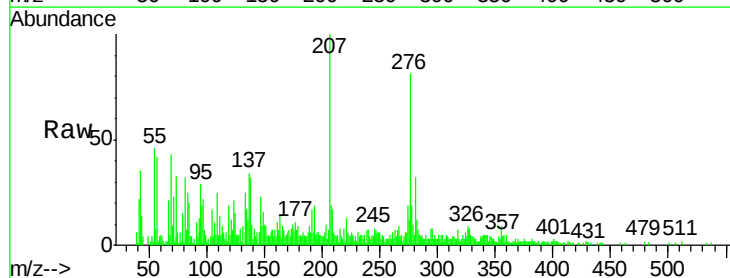
Tgt Ion:276 Resp: 47705

Ion Ratio Lower Upper

276 100

138 39.2 14.4 21.6#

277 25.8 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

