

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027029.D
 Acq On : 19 May 2017 7:47
 Operator : SJ/MA
 Sample : I3136-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC21

Quant Time: May 19 08:23:07 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	8.00	152	248708	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1163546	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	623584	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1133953	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	1029642	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	1048109	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	1090705	17.05	ng/ul	0.00
10) Fluorene-d10	15.60	176	709531	16.63	ng/ul	0.00
14) Anthracene-d10	17.35	188	1133953	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	926923	17.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.54	264	930225	17.86	ng/ul	0.00

Target Compounds

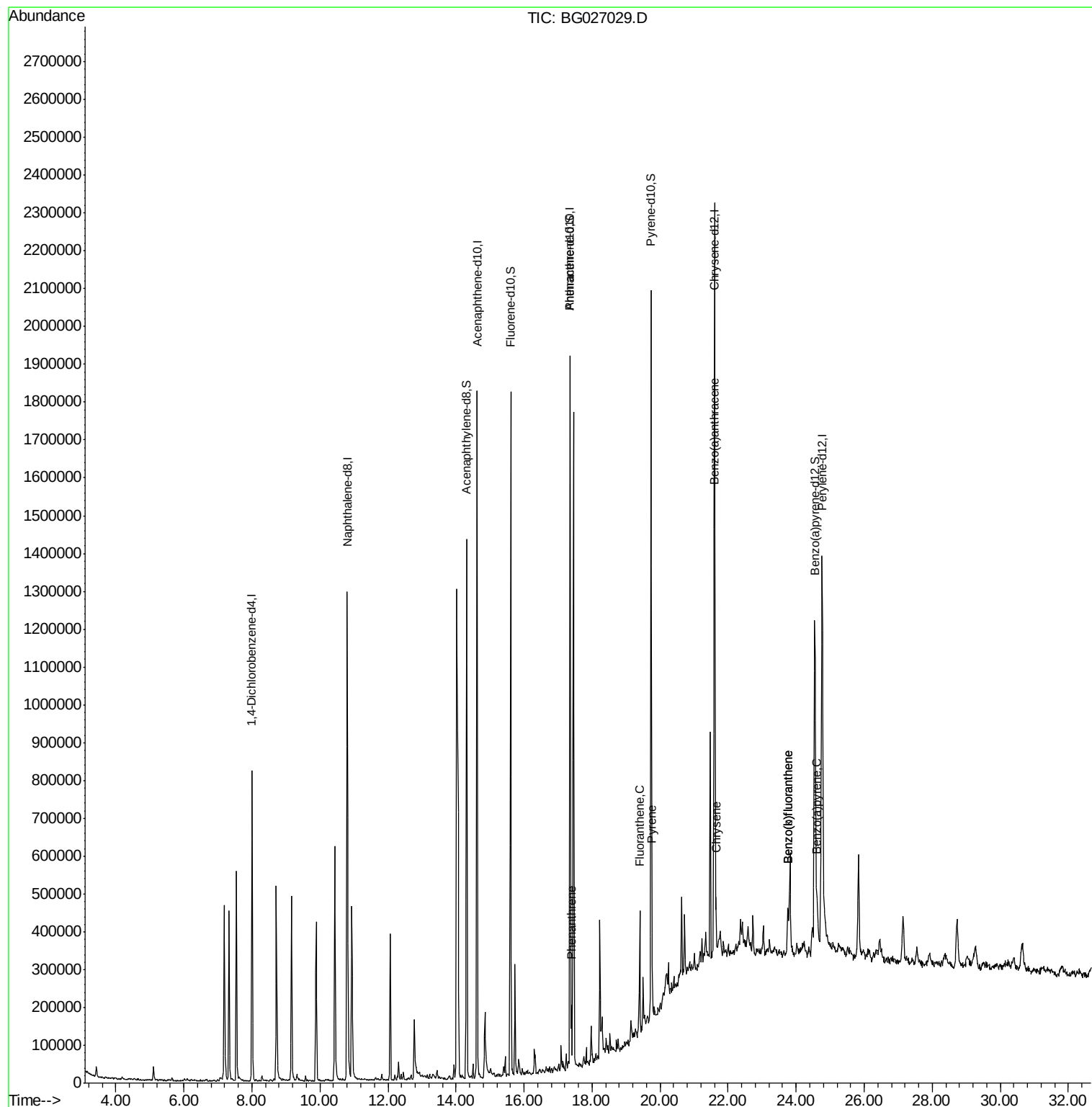
						Qvalue
13) Phenanthrene	17.40	178	99139	1.56	ng/ul	100
16) Fluoranthene	19.40	202	178298	2.75	ng/ul#	95
19) Pyrene	19.76	202	153705	2.28	ng/ul#	89
20) Benzo(a)anthracene	21.58	228	88866	1.43	ng/ul	93
21) Chrysene	21.64	228	91786	1.61	ng/ul	99
23) Benzo(b)fluoranthene	23.76	252	130337	2.09	ng/ul#	89
24) Benzo(k)fluoranthene	23.76	252	130337	2.03	ng/ul#	89
26) Benzo(a)pyrene	24.62	252	78417	1.29	ng/ul#	88

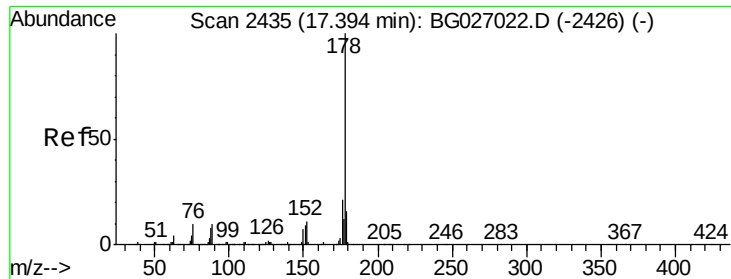
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.56 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

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Acq: 19 May 2017 7:47

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ClientSampleId :

DAC21

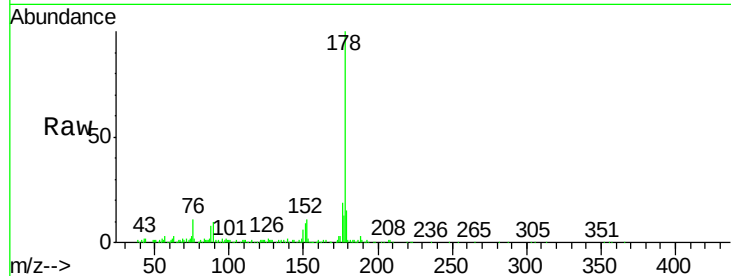
Tgt Ion:178 Resp: 99139

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

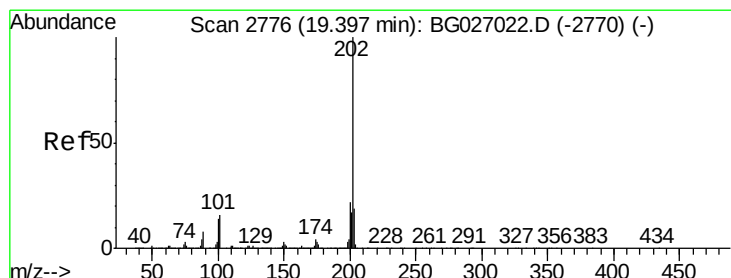
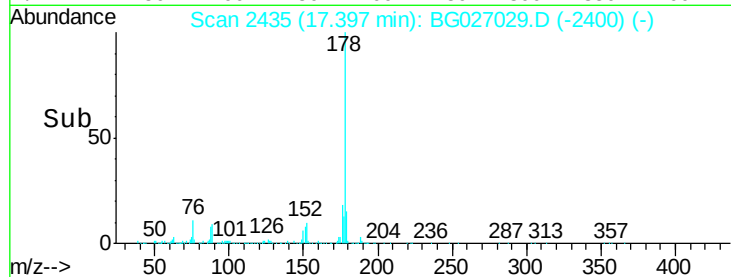
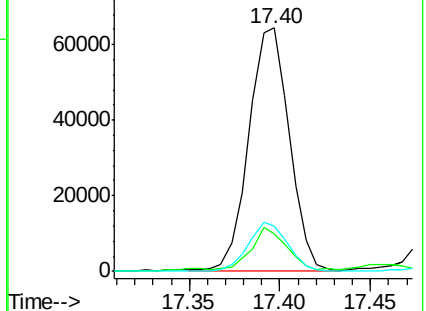
176 18.7 15.1 22.7



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: 2.75 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

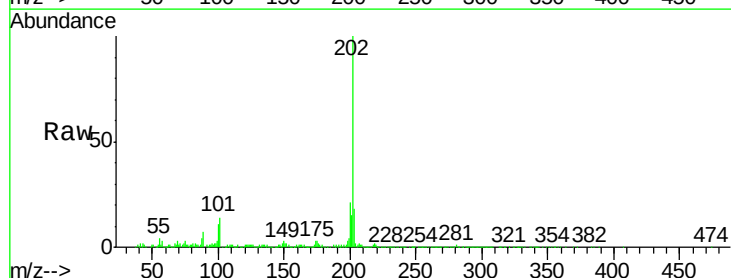
Tgt Ion:202 Resp: 178298

Ion Ratio Lower Upper

202 100

101 13.7 9.9 14.9

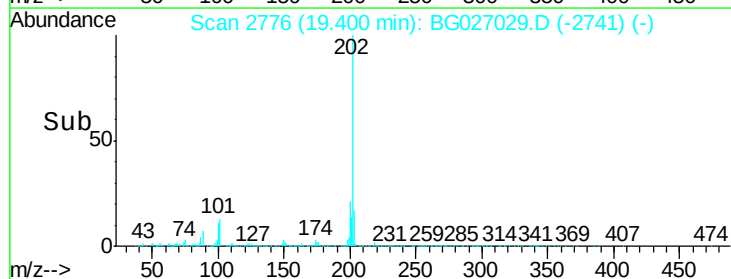
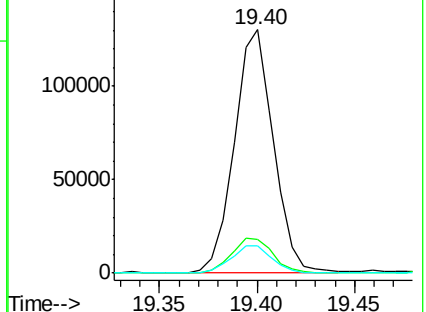
100 11.4 7.4 11.0#

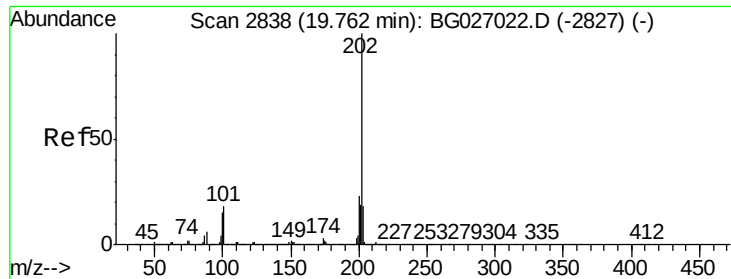


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

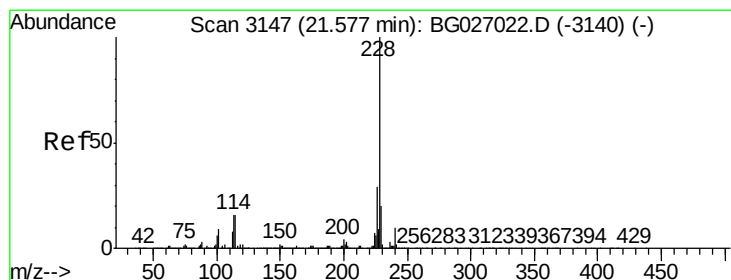
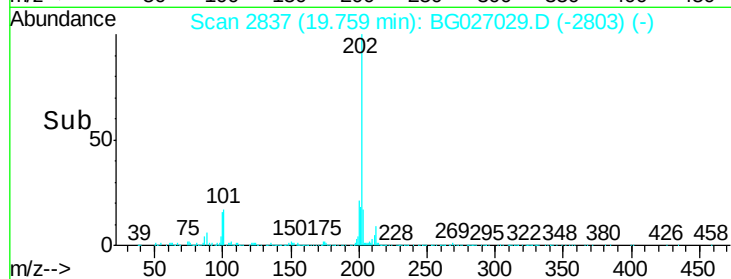
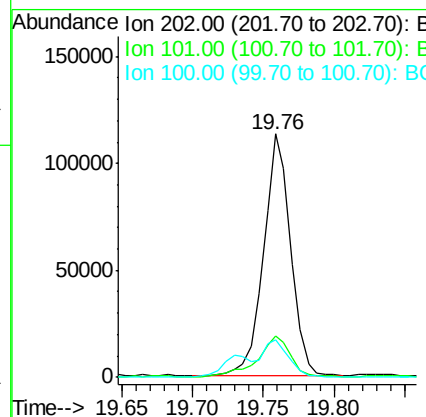
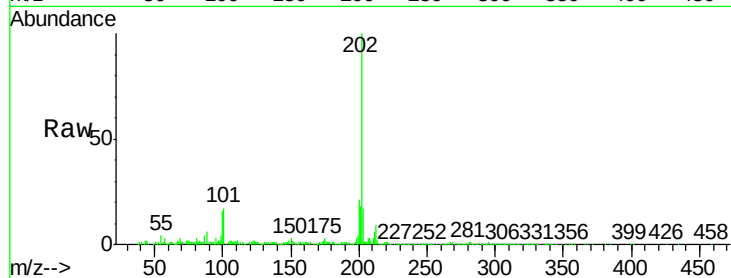




#19
Pyrene
Concen: 2.28 ng/ul
RT: 19.76 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

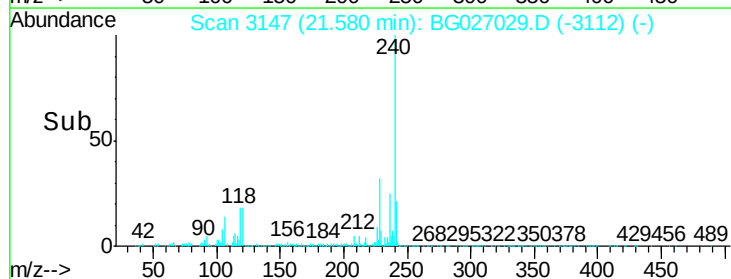
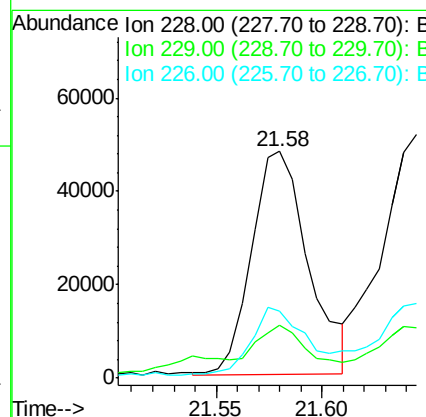
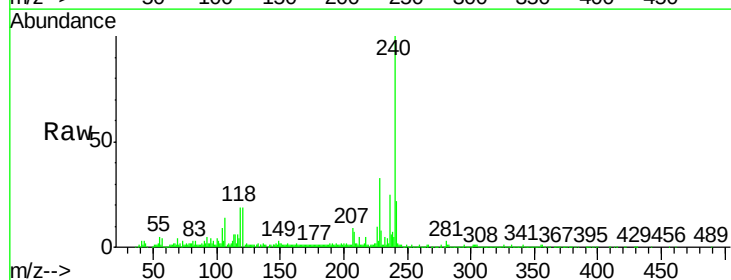
Instrument :
BNA_G
ClientSampleId :
DAC21

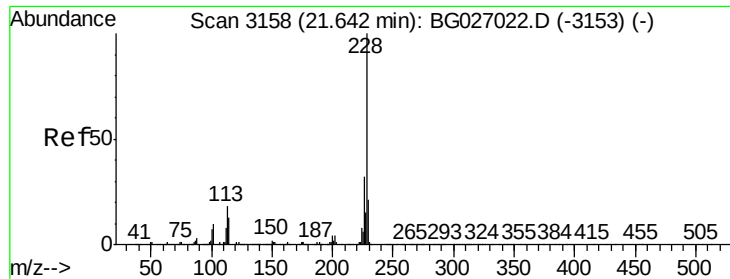
Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	15.6	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 1.43 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG027029.D
Acq: 19 May 2017 7:47

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.3	15.7	23.5
226	29.3	21.1	31.7





#21

Chrysene

Concen: 1.61 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

Instrument :

BNA_G

ClientSampleId :

DAC21

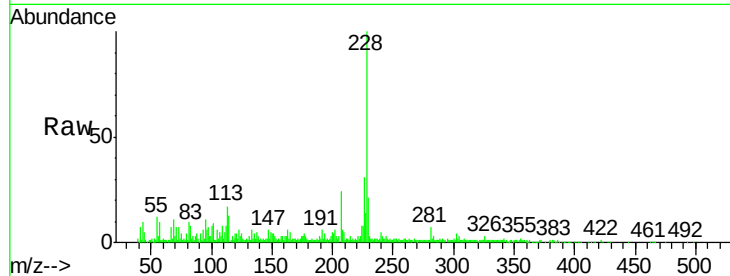
Tgt Ion:228 Resp: 91786

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

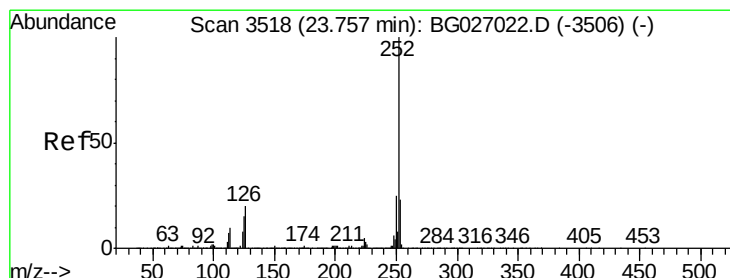
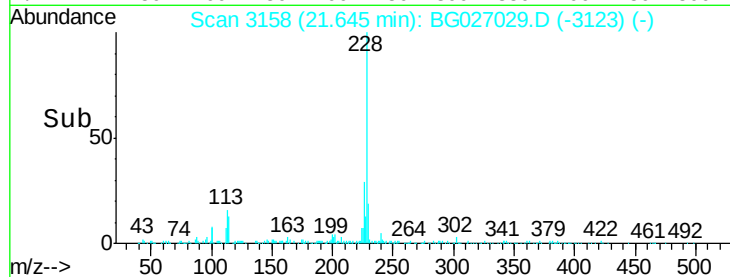
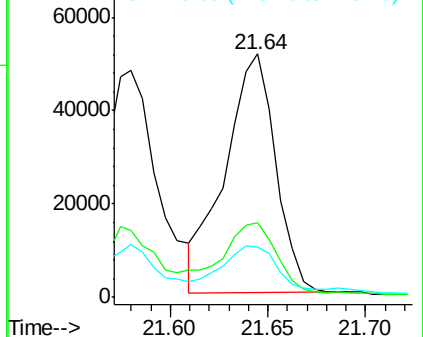
229 20.7 15.8 23.8



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: 2.09 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

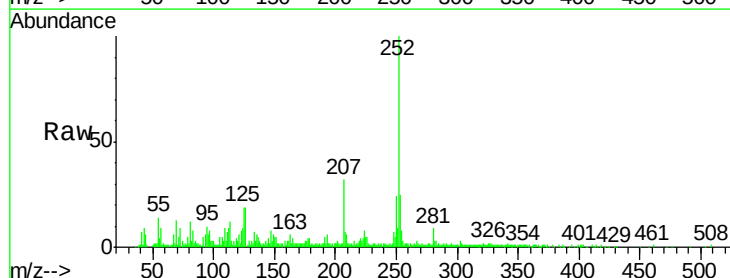
Tgt Ion:252 Resp: 130337

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

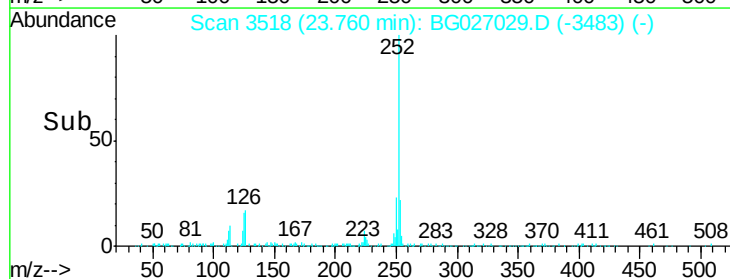
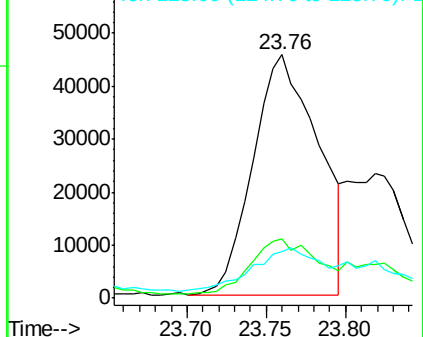
125 19.2 8.0 12.0#

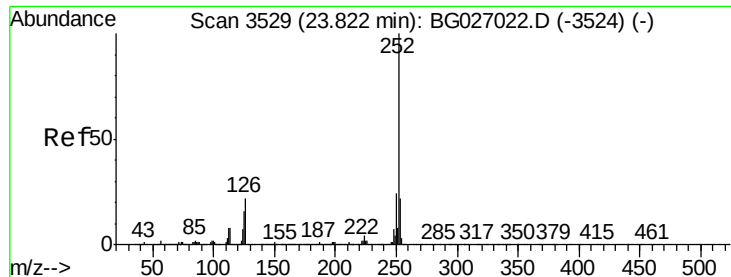


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 2.03 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. -0.06 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

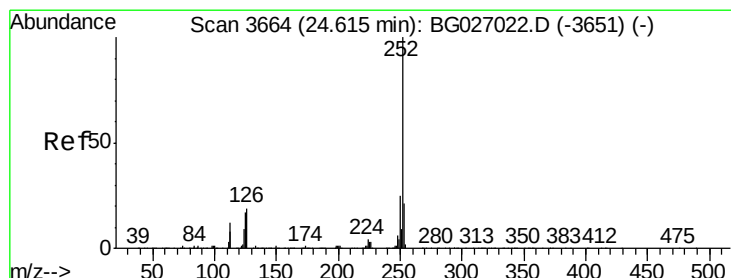
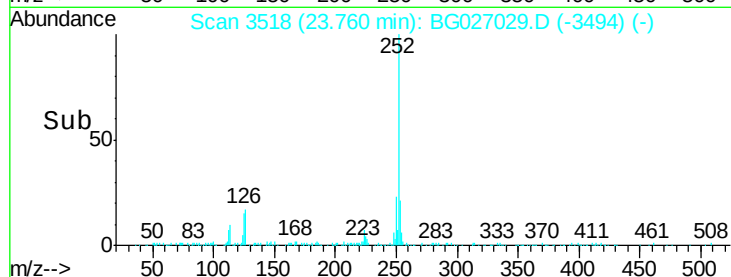
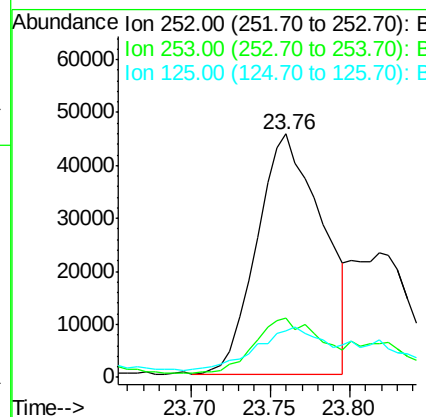
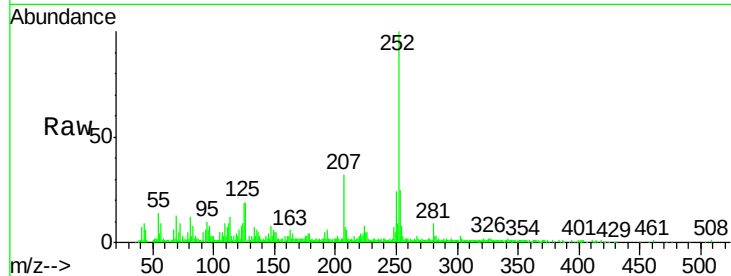
Instrument :

BNA_G

ClientSampleId :

DAC21

Tgt Ion:	252	Resp:	130337
Ion Ratio		Lower	Upper
252	100		
253	24.5	18.0	27.0
125	19.2	8.1	12.1#



#26

Benzo(a)pyrene

Concen: 1.29 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG027029.D

Acq: 19 May 2017 7:47

Tgt Ion:	252	Resp:	78417
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.2	25.8
125	23.3	8.2	12.4#

