

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027024.D
 Acq On : 19 May 2017 4:30
 Operator : SJ/MA
 Sample : I3136-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC18

Quant Time: May 19 06:34:04 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	196951	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	940794	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	505418	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	952097	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	854593	20.00	ng/ul	0.00
22) Perylene-d12	24.76	264	868110	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	980625	18.92	ng/ul	0.00
10) Fluorene-d10	15.60	176	639423	18.49	ng/ul	0.00
14) Anthracene-d10	17.35	188	952097	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	864105	19.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	799072	18.53	ng/ul	0.00

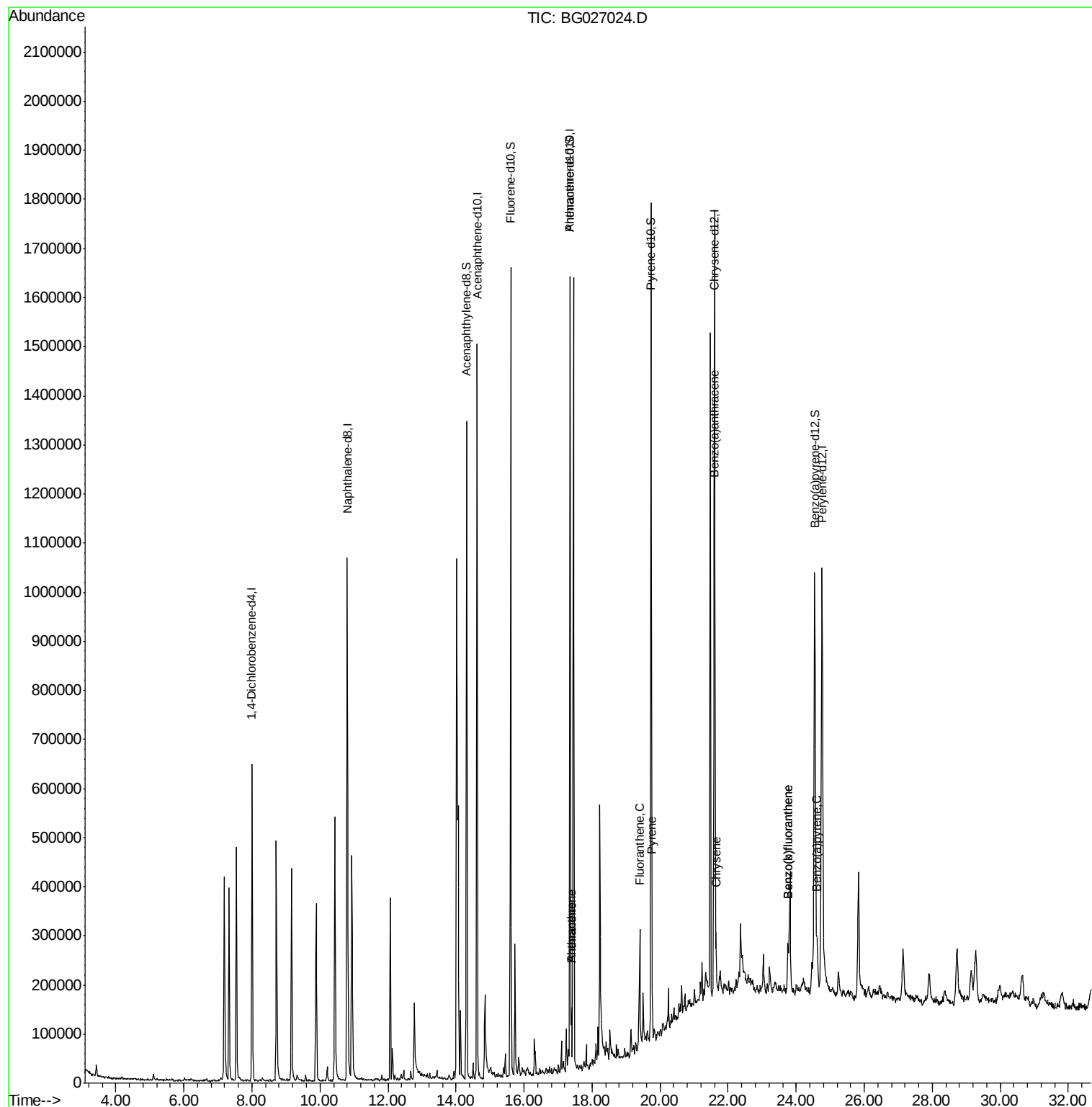
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	74488	1.40	ng/ul	99
15) Anthracene	17.40	178	74488	1.36	ng/ul	98
16) Fluoranthene	19.40	202	118463	2.18	ng/ul#	93
19) Pyrene	19.76	202	114221	2.04	ng/ul#	88
20) Benzo(a)anthracene	21.58	228	68538	1.33	ng/ul	95
21) Chrysene	21.64	228	74772	1.58	ng/ul	96
23) Benzo(b)fluoranthene	23.76	252	105756	2.05	ng/ul#	92
24) Benzo(k)fluoranthene	23.76	252	105756	1.99	ng/ul#	92
26) Benzo(a)pyrene	24.61	252	67913	1.35	ng/ul#	91

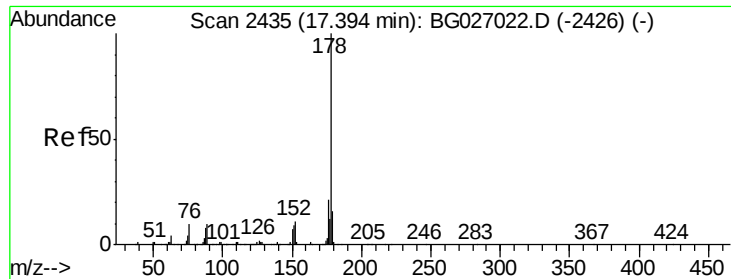
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.40 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

ClientSampleId :

DAC18

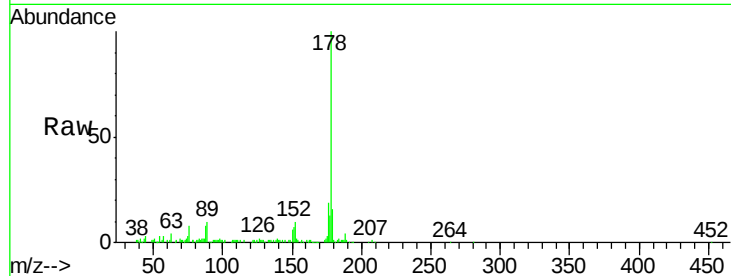
Tgt Ion:178 Resp: 74488

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

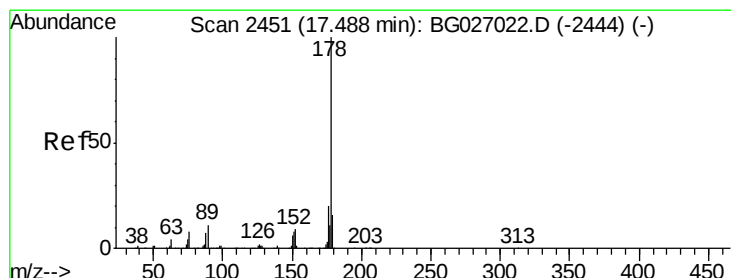
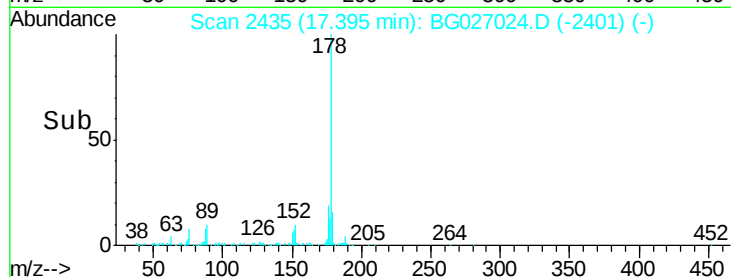
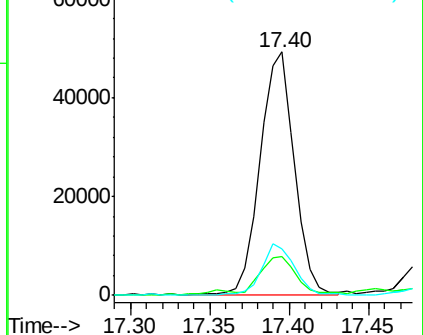
176 19.2 15.1 22.7



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: 1.36 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. -0.09 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

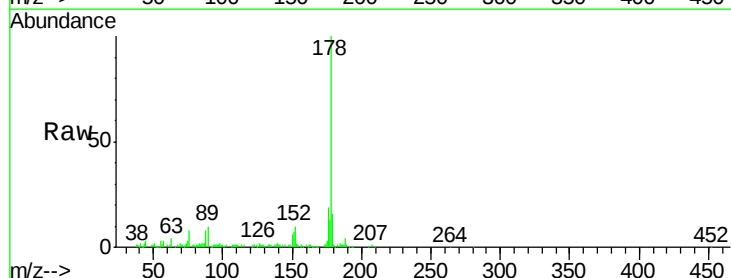
Tgt Ion:178 Resp: 74488

Ion Ratio Lower Upper

178 100

179 16.1 11.8 17.8

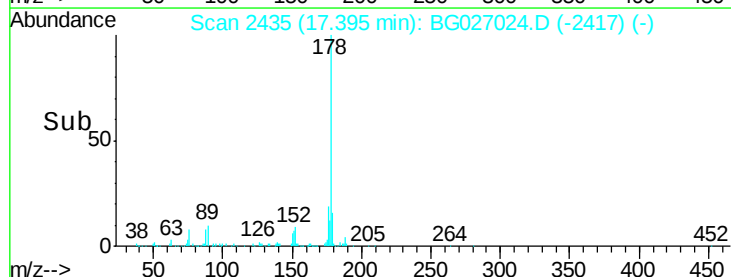
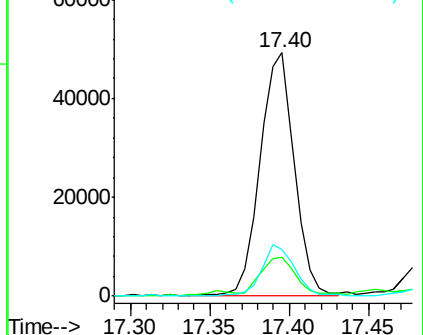
176 19.2 15.2 22.8

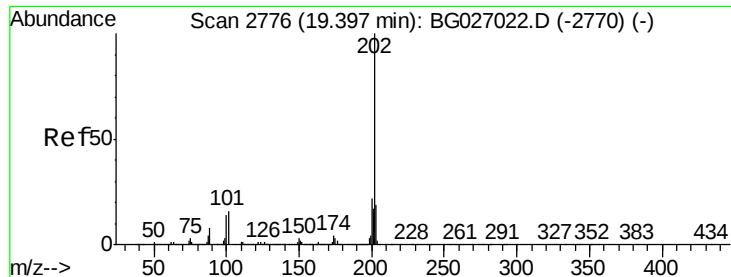


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 2.18 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

ClientSampled :

DAC18

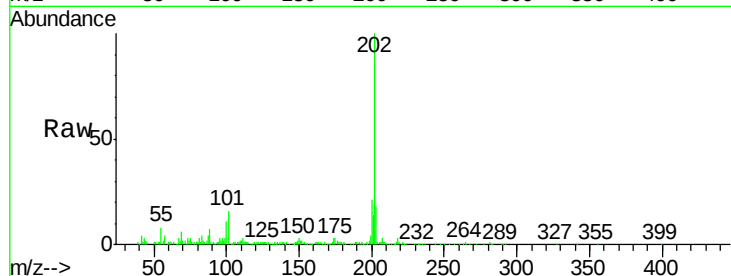
Tgt Ion:202 Resp: 118463

Ion Ratio Lower Upper

202 100

101 15.6 9.9 14.9#

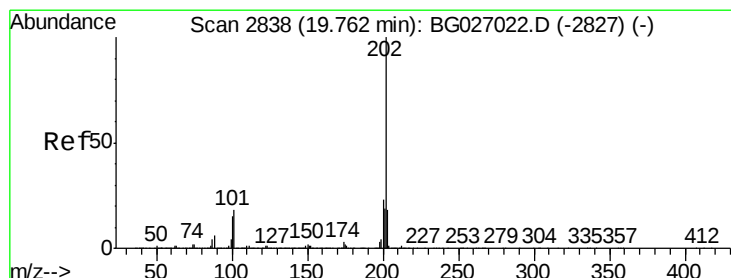
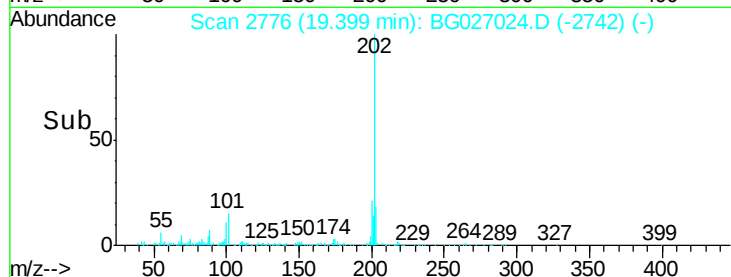
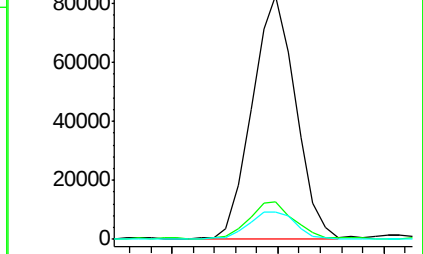
100 11.4 7.4 11.0#



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: 2.04 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

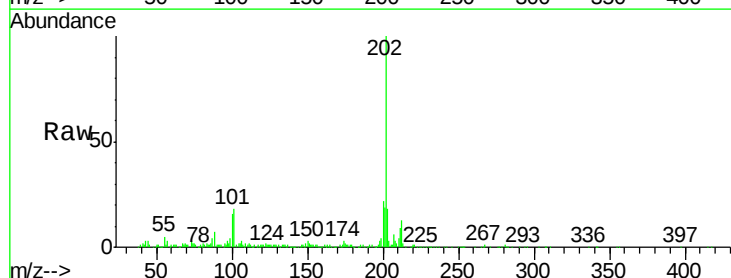
Tgt Ion:202 Resp: 114221

Ion Ratio Lower Upper

202 100

101 18.1 11.0 16.4#

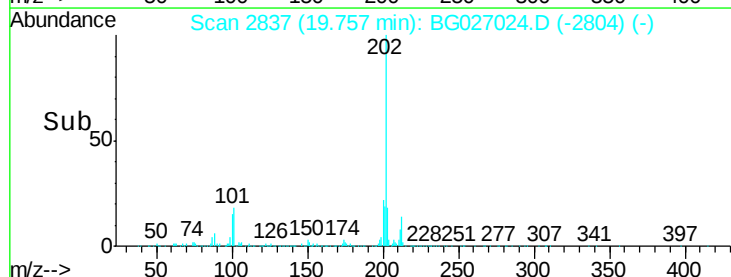
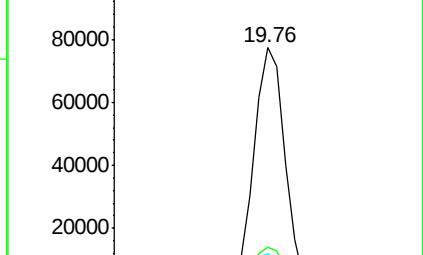
100 15.5 8.1 12.1#

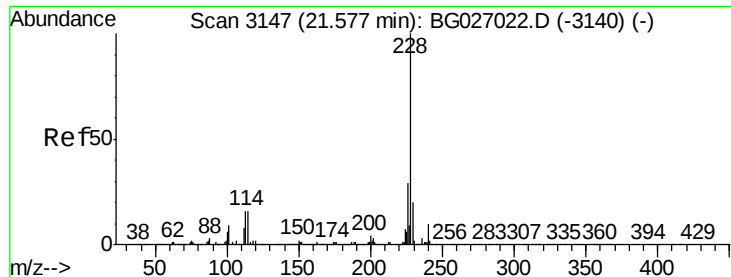


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.33 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

ClientSampleId :

DAC18

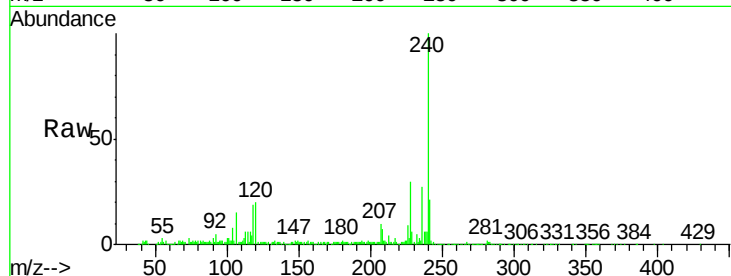
Tgt Ion:228 Resp: 68538

Ion Ratio Lower Upper

228 100

229 20.2 15.7 23.5

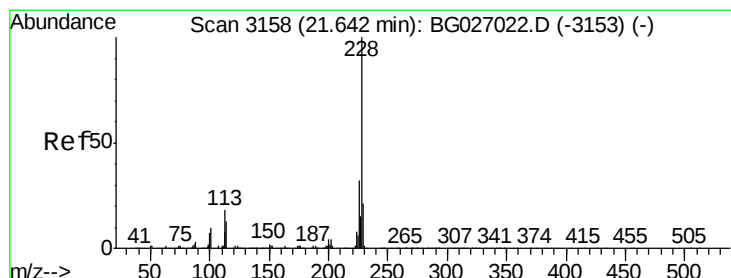
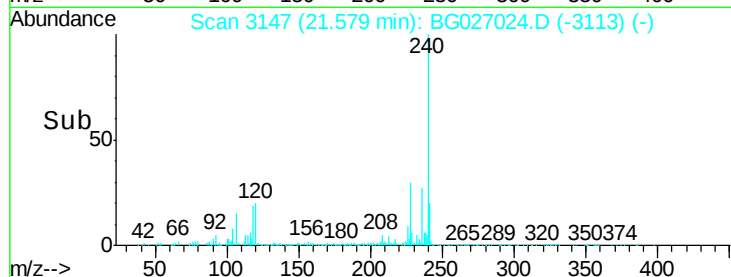
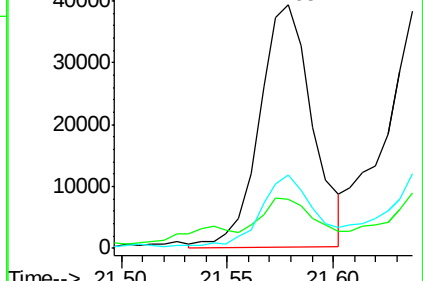
226 30.1 21.1 31.7



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: 1.58 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

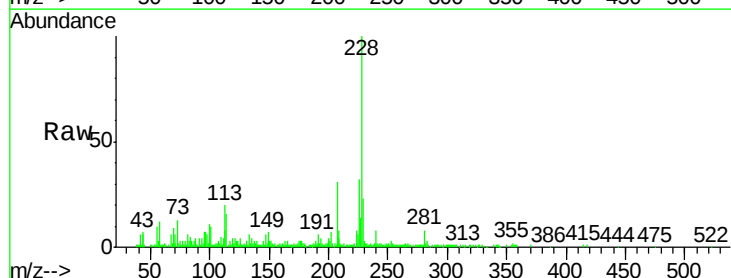
Tgt Ion:228 Resp: 74772

Ion Ratio Lower Upper

228 100

226 31.8 24.5 36.7

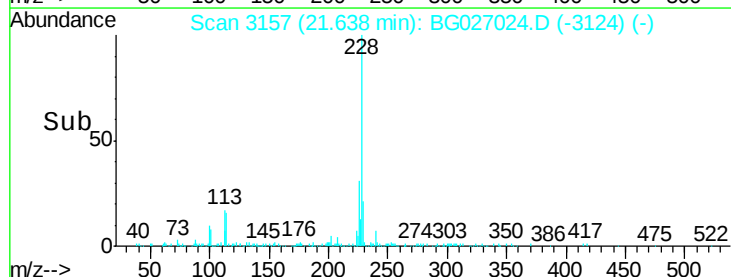
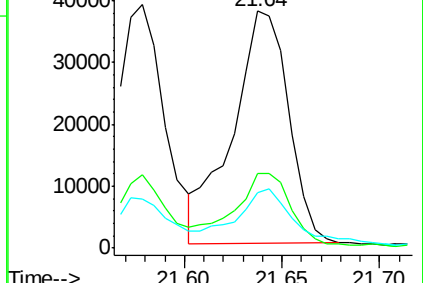
229 23.3 15.8 23.8

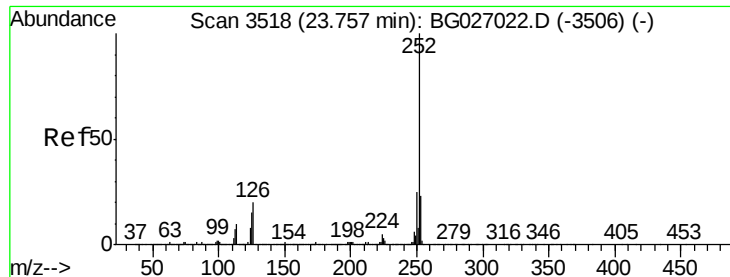


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.05 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

Instrument :

BNA_G

ClientSampleId :

DAC18

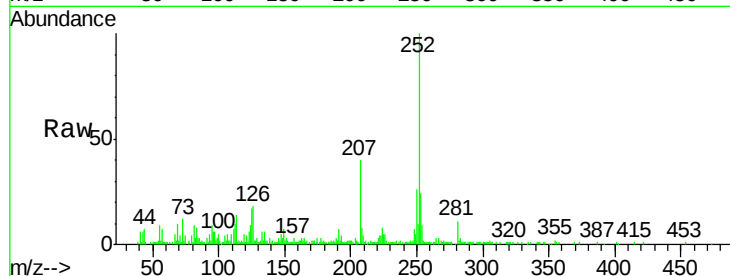
Tgt Ion:252 Resp: 105756

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

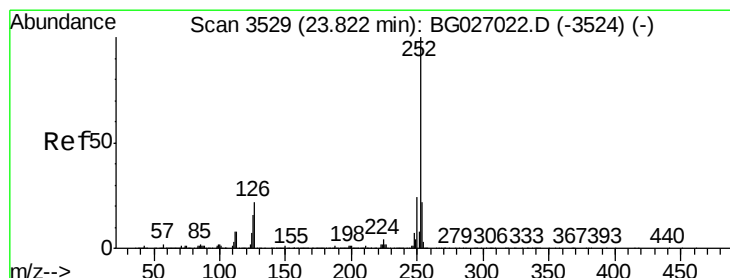
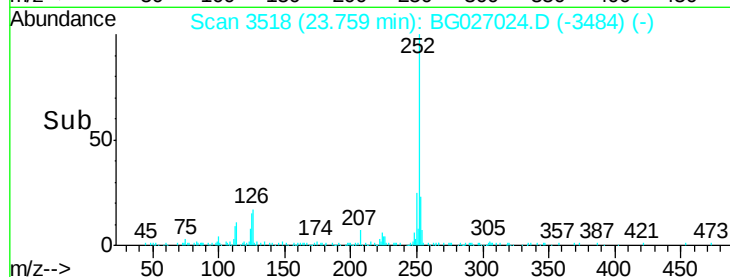
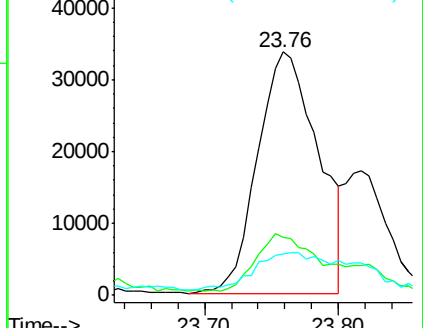
125 17.1 8.0 12.0#



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: 1.99 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. -0.06 min

Lab File: BG027024.D

Acq: 19 May 2017 4:30

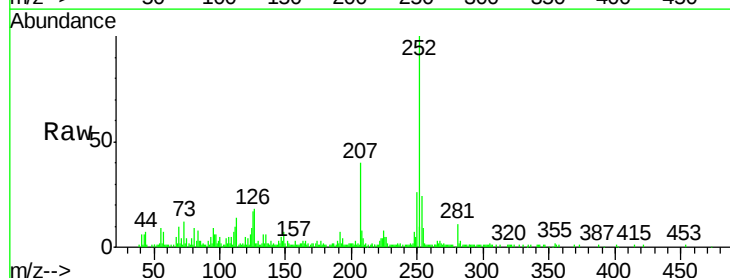
Tgt Ion:252 Resp: 105756

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

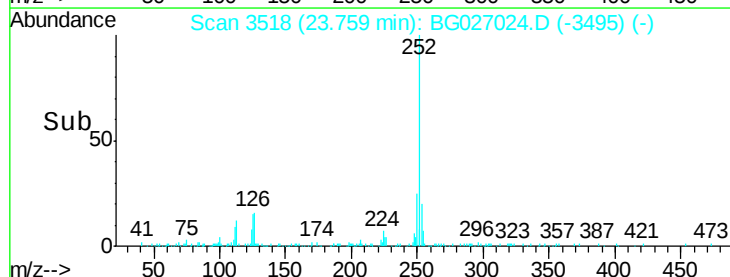
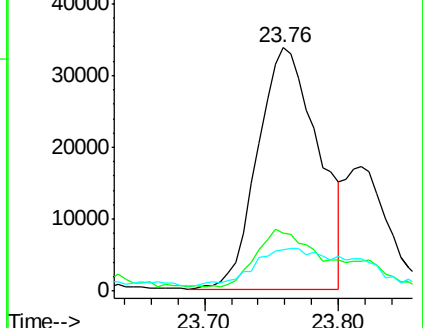
125 17.1 8.1 12.1#

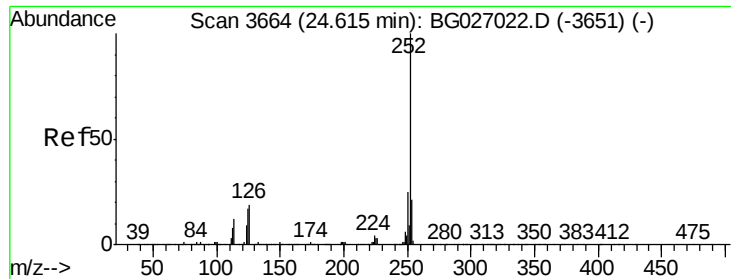


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.35 ng/ul

RT: 24.61 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BG027024.D

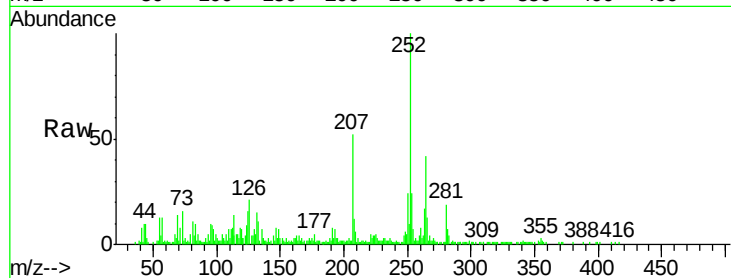
Acq: 19 May 2017 4:30

Instrument :

BNA_G

ClientSampleId :

DAC18



Tgt Ion:	252	Resp:	67913
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	16.2	8.2	12.4

