

Data Path : Z:\HPCHEM1\BNA_G\Data\BG051817\
 Data File : BG027031.D
 Acq On : 19 May 2017 9:06
 Operator : SJ/MA
 Sample : I3136-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC25

Quant Time: May 19 11:02:03 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	205214	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	986057	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	518567	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	928250	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	847397	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	819530	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1149040	21.60	ng/ul	0.00
10) Fluorene-d10	15.61	176	725805	20.45	ng/ul	0.00
14) Anthracene-d10	17.36	188	928250	20.51	ng/ul	-0.09
18) Pyrene-d10	19.74	212	974938	22.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	892912	21.93	ng/ul	0.00

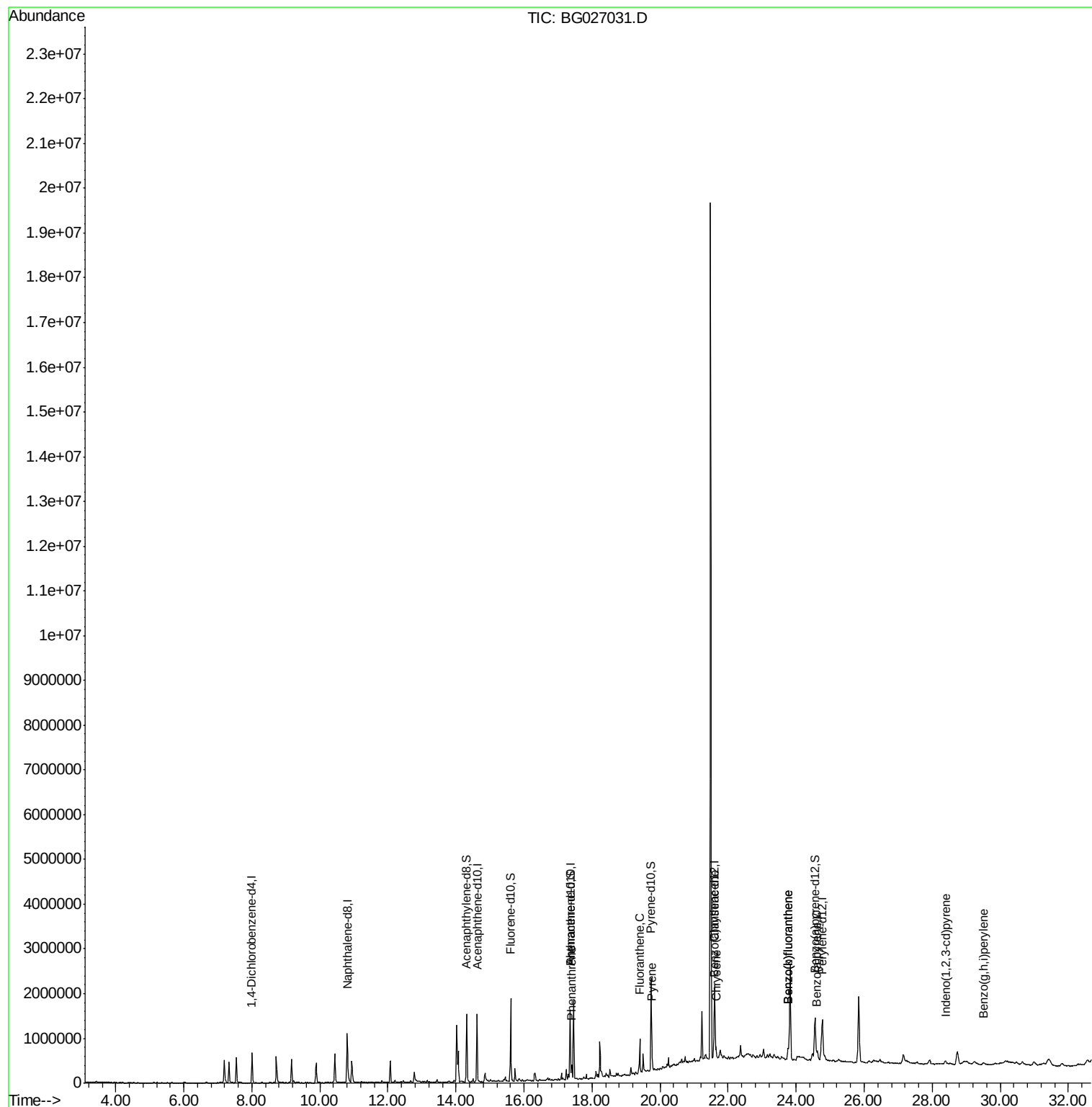
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.40	178	196398	3.78	ng/ul	99
16) Fluoranthene	19.40	202	347501	6.55	ng/ul#	94
19) Pyrene	19.77	202	310457	5.61	ng/ul#	91
20) Benzo(a)anthracene	21.58	228	148103	2.90	ng/ul#	93
21) Chrysene	21.65	228	207270	4.42	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	297448	6.11	ng/ul#	91
24) Benzo(k)fluoranthene	23.77	252	297448	5.94	ng/ul#	91
26) Benzo(a)pyrene	24.62	252	164491	3.45	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	28.39	276	96466	2.20	ng/ul#	88
29) Benzo(g,h,i)perylene	29.51	276	51060	1.46	ng/ul#	80

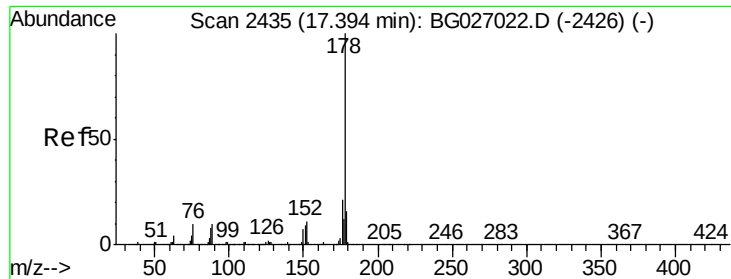
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 3.78 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

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ClientSampleId :

DAC25

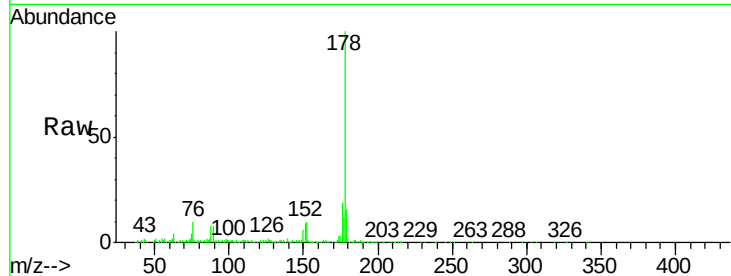
Tgt Ion:178 Resp: 196398

Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

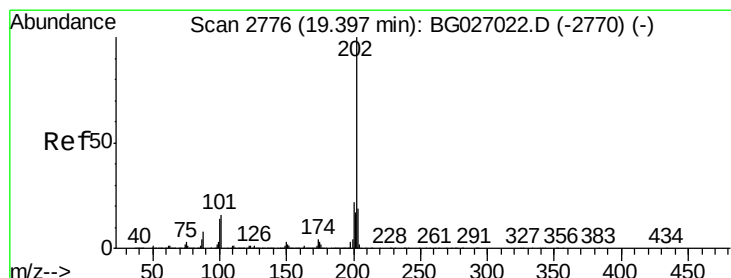
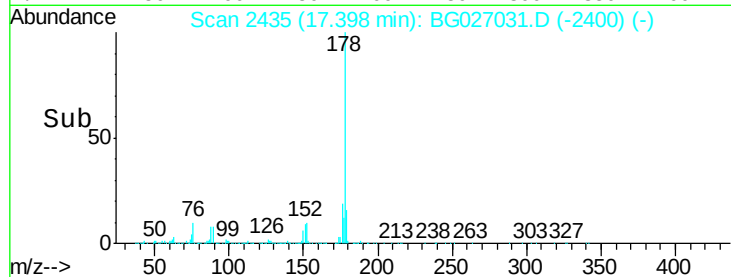
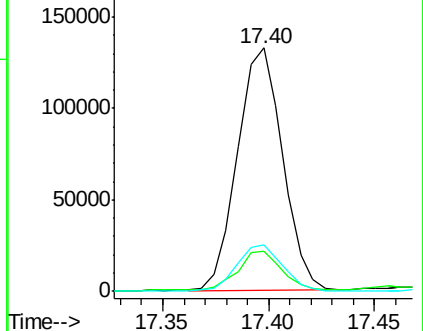
176 19.1 15.1 22.7



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: 6.55 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

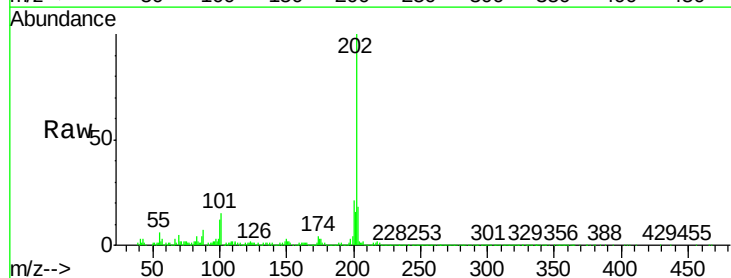
Tgt Ion:202 Resp: 347501

Ion Ratio Lower Upper

202 100

101 14.5 9.9 14.9

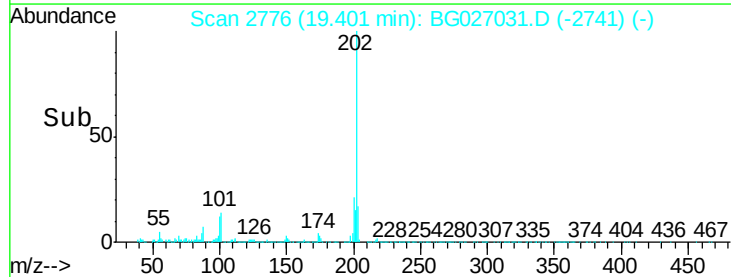
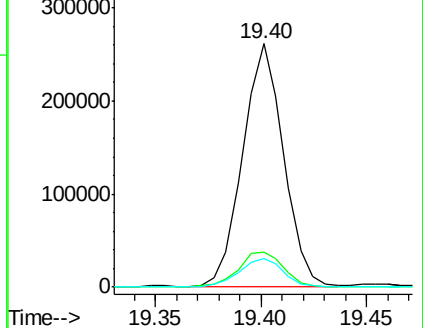
100 11.8 7.4 11.0#

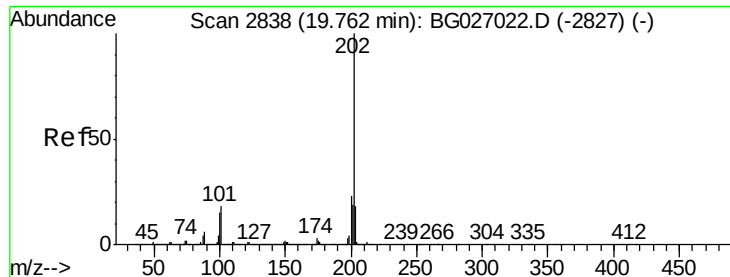


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pyrene

Concen: 5.61 ng/ul

RT: 19.77 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

ClientSampleId :

DAC25

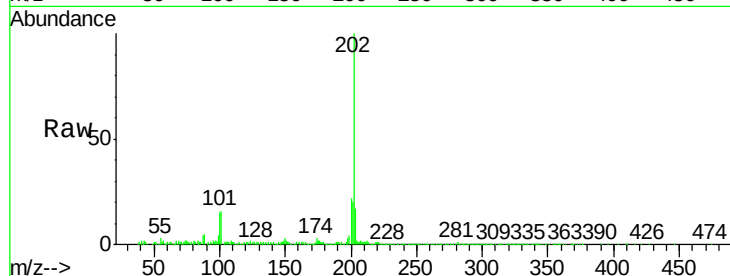
Tgt Ion:202 Resp: 310457

Ion Ratio Lower Upper

202 100

101 16.2 11.0 16.4

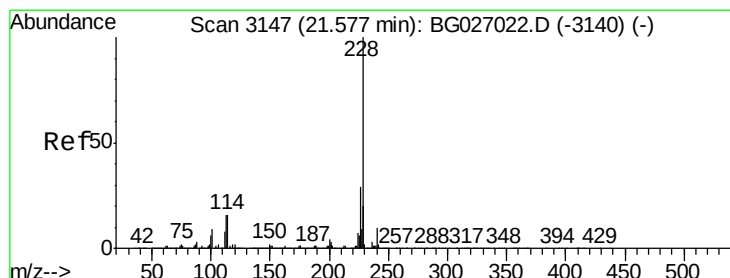
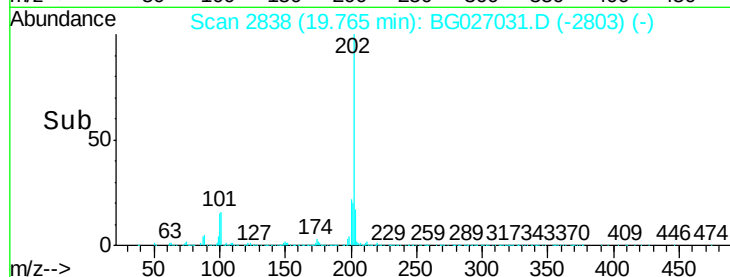
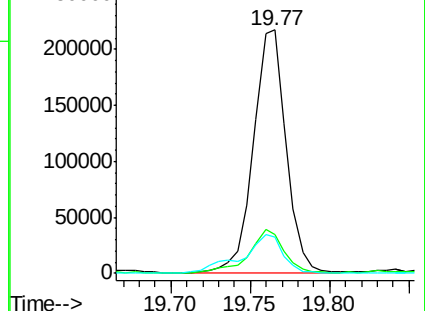
100 14.7 8.1 12.1#



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: 2.90 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

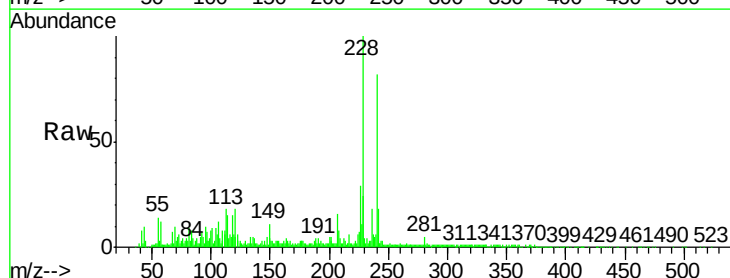
Tgt Ion:228 Resp: 148103

Ion Ratio Lower Upper

228 100

229 23.5 15.7 23.5#

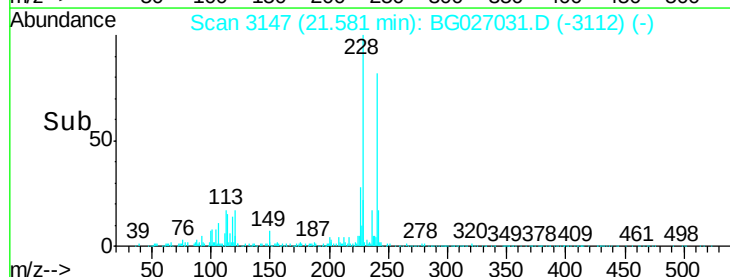
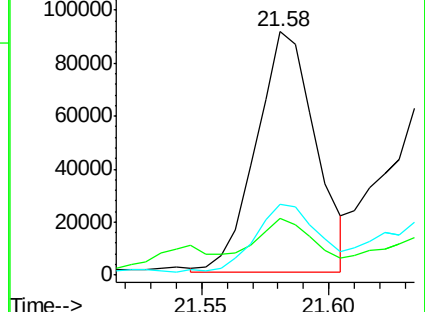
226 28.9 21.1 31.7

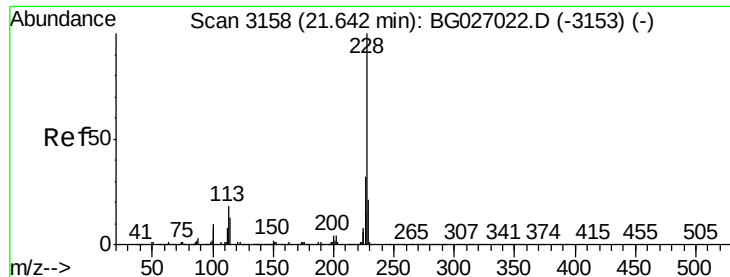


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 4.42 ng/ul

RT: 21.65 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

ClientSampleId :

DAC25

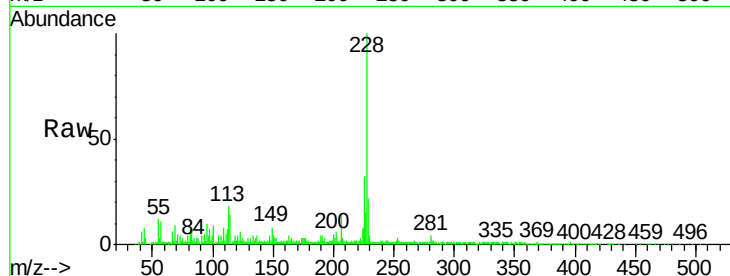
Tgt Ion:228 Resp: 207270

Ion Ratio Lower Upper

228 100

226 31.8 24.5 36.7

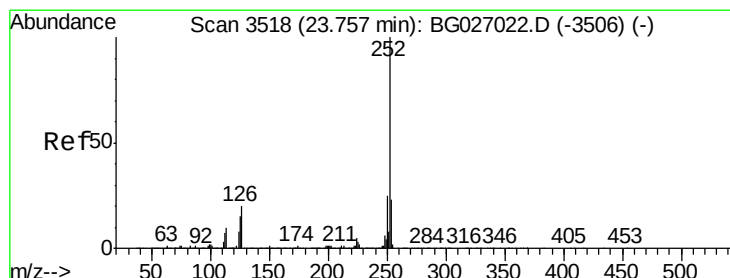
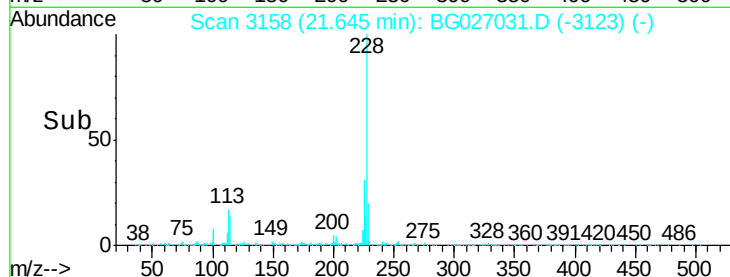
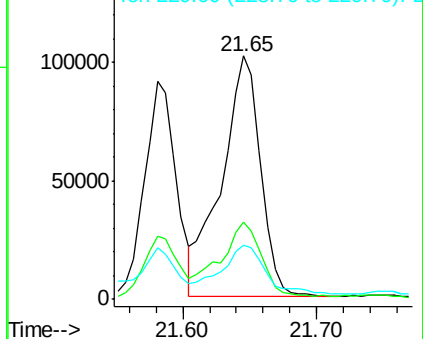
229 22.0 15.8 23.8



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: 6.11 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. 0.01 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

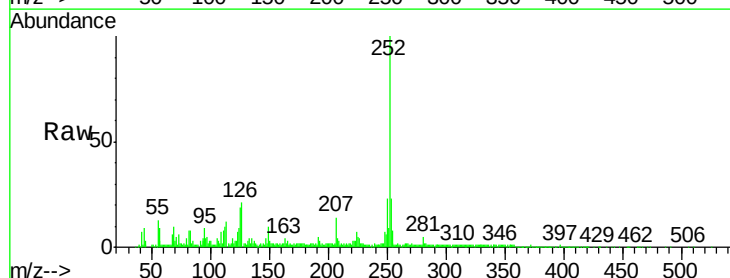
Tgt Ion:252 Resp: 297448

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

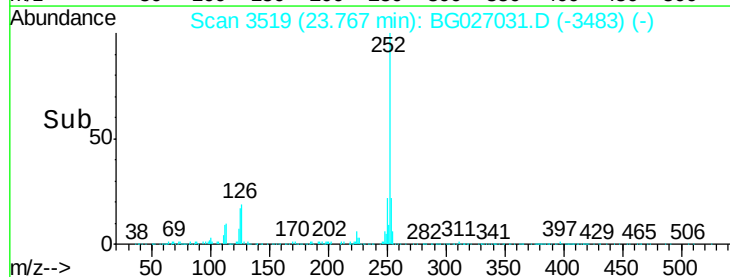
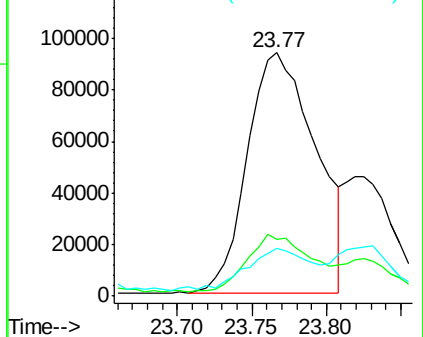
125 19.4 8.0 12.0#

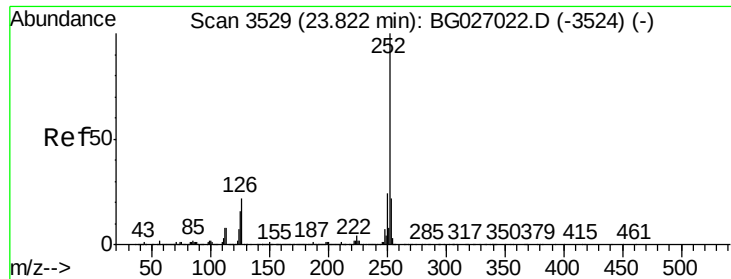


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 5.94 ng/ul

RT: 23.77 min Scan# 3519

Delta R.T. -0.05 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

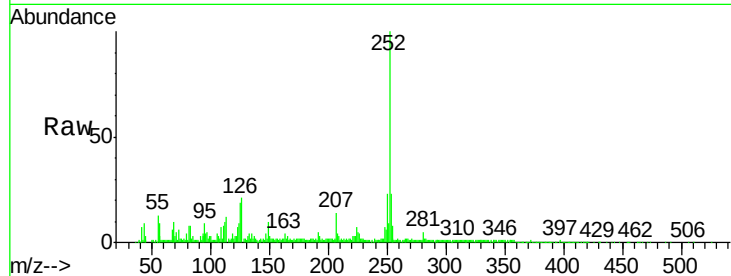
Instrument :

BNA_G

ClientSampleId :

DAC25

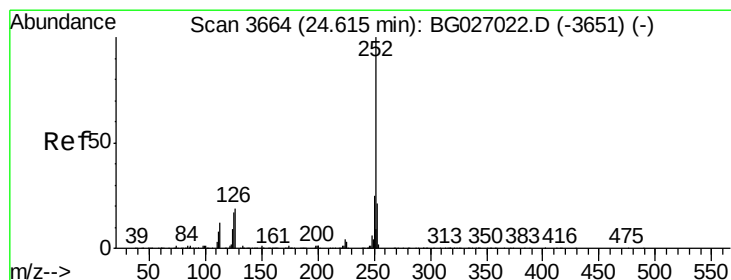
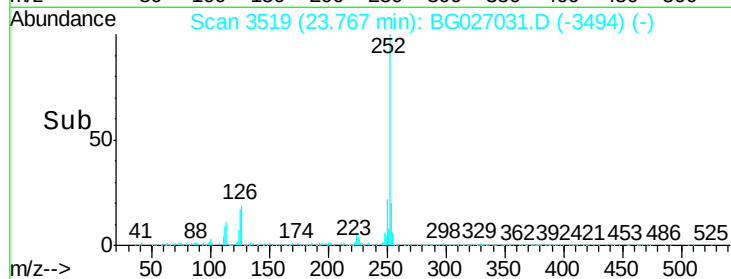
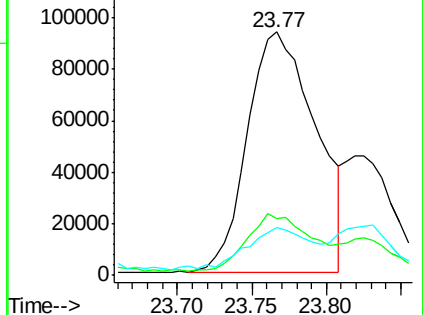
Tgt Ion:	252	Resp:	297448
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	19.4	8.1	12.1#



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: 3.45 ng/ul

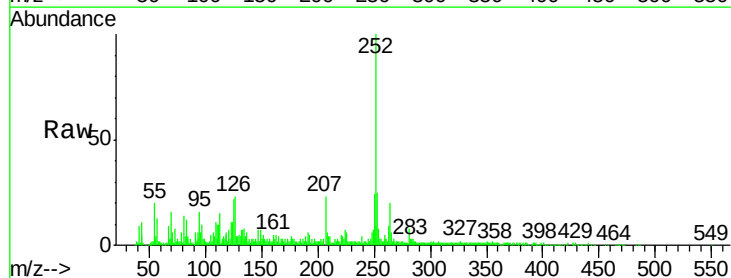
RT: 24.62 min Scan# 3665

Delta R.T. 0.01 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

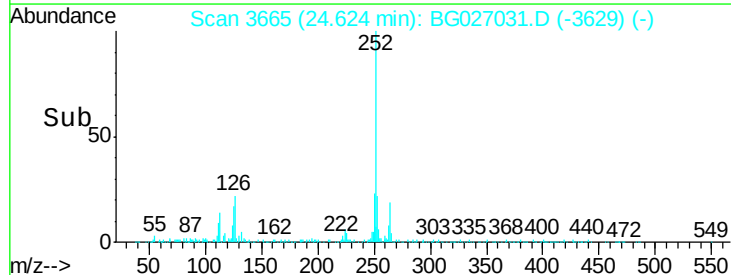
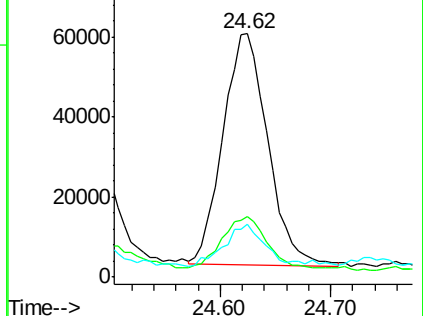
Tgt Ion:	252	Resp:	164491
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.2	25.8
125	21.8	8.2	12.4#

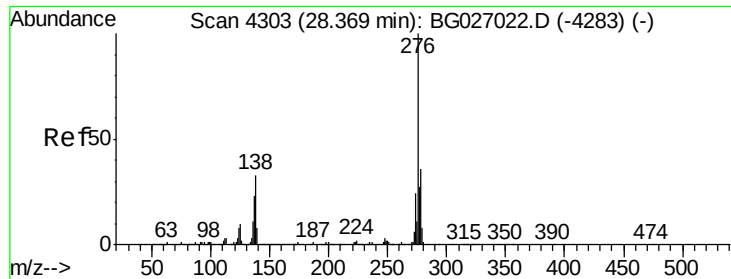


Abundance Ion 252.00 (251.70 to 252.70): E

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: 2.20 ng/ul

RT: 28.39 min Scan# 4306

Delta R.T. 0.02 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Instrument :

BNA_G

ClientSampleId :

DAC25

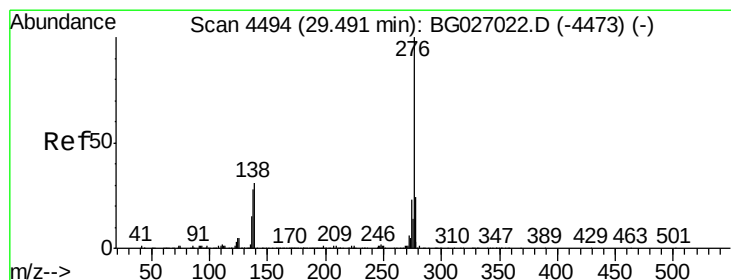
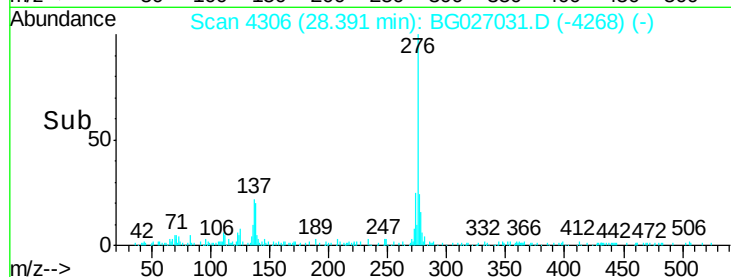
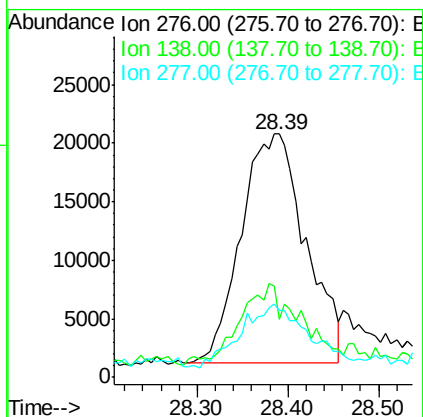
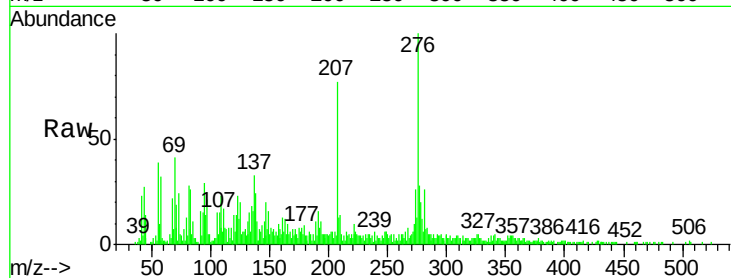
Tgt Ion:276 Resp: 96466

Ion Ratio Lower Upper

276 100

138 23.9 14.4 21.6#

277 27.6 18.0 27.0#



#29

Benzo(g,h,i)perylene

Concen: 1.46 ng/ul

RT: 29.51 min Scan# 4497

Delta R.T. 0.02 min

Lab File: BG027031.D

Acq: 19 May 2017 9:06

Tgt Ion:276 Resp: 51060

Ion Ratio Lower Upper

276 100

138 32.4 15.3 22.9#

277 29.5 19.0 28.4#

