

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027027.D
 Acq On : 19 May 2017 6:28
 Operator : SJ/MA
 Sample : I3136-06MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC16MS

Quant Time: May 19 07:58:57 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	223550	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	1037115	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	547201	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1001713	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	893702	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	894972	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1017574	18.13	ng/ul	0.00
10) Fluorene-d10	15.61	176	645909	17.25	ng/ul	0.00
14) Anthracene-d10	17.35	188	1001713	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	850113	18.22	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	777587	17.49	ng/ul	0.00

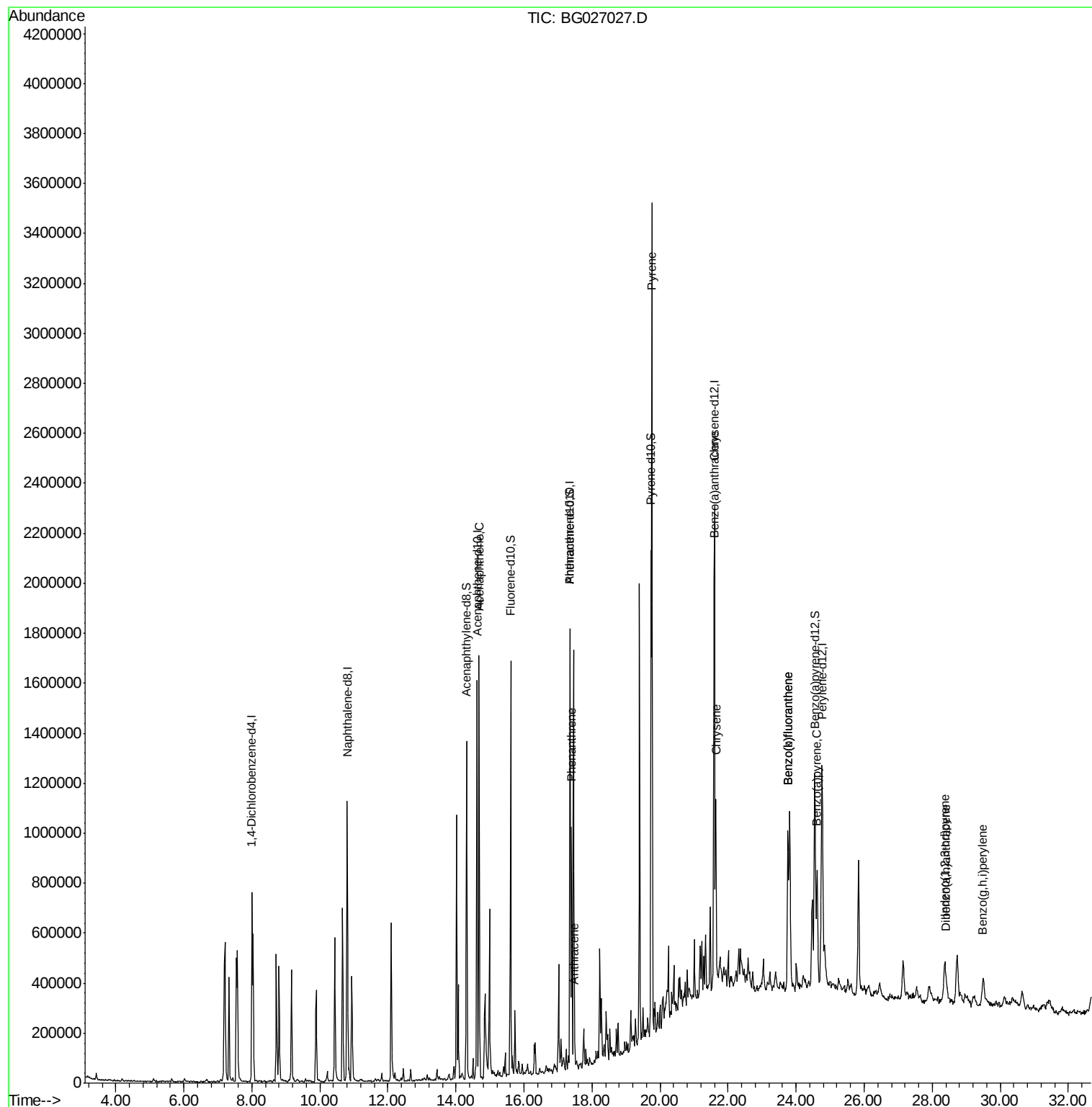
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthene	14.68	153	727539	18.84	ng/ul	97
13) Phenanthrene	17.39	178	586625	10.48	ng/ul	98
15) Anthracene	17.49	178	92553	1.61	ng/ul	99
19) Pyrene	19.76	202	1827989	31.29	ng/ul#	83
20) Benzo(a)anthracene	21.58	228	466107	8.66	ng/ul	96
21) Chrysene	21.64	228	482161	9.75	ng/ul	98
23) Benzo(b)fluoranthene	23.76	252	655320	12.32	ng/ul#	92
24) Benzo(k)fluoranthene	23.76	252	655320	11.98	ng/ul#	92
26) Benzo(a)pyrene	24.61	252	432798	8.32	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	28.37	276	261736	5.47	ng/ul#	82
28) Dibenzo(a,h)anthracene	28.41	278	68536	1.66	ng/ul#	83
29) Benzo(g,h,i)perylene	29.49	276	96954	2.55	ng/ul#	90

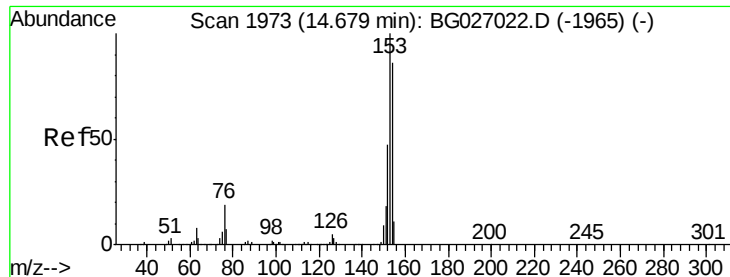
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 18.84 ng/ul

RT: 14.68 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Instrument :

BNA_G

ClientSampleId :

DAC16MS

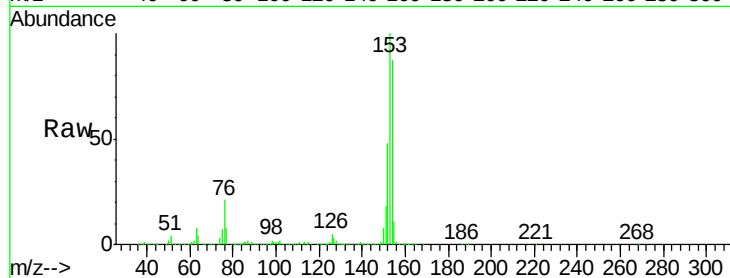
Tgt Ion:153 Resp: 727539

Ion Ratio Lower Upper

153 100

152 47.9 39.0 58.6

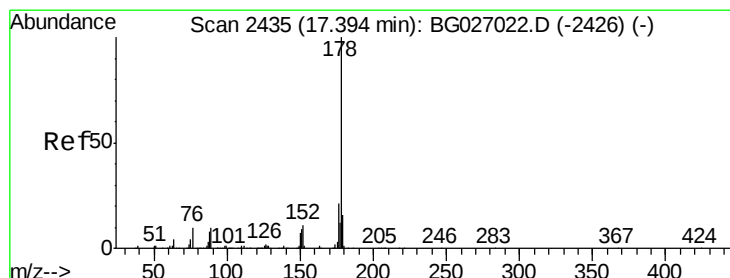
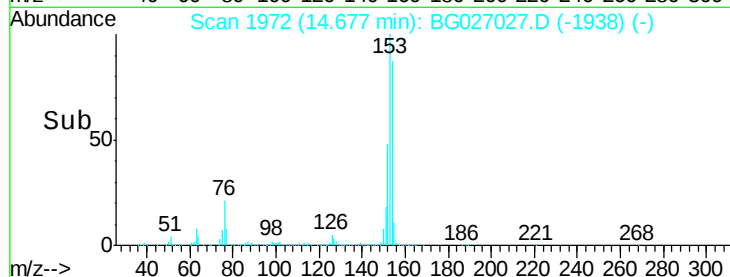
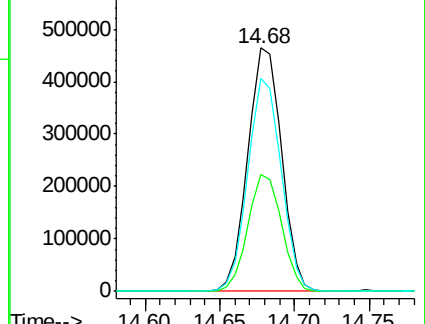
154 87.4 66.8 100.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#13

Phenanthrene

Concen: 10.48 ng/ul

RT: 17.39 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

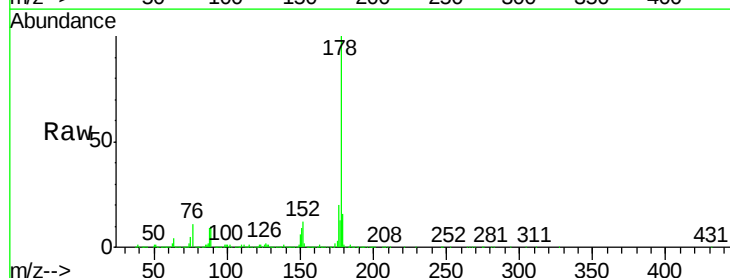
Tgt Ion:178 Resp: 586625

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

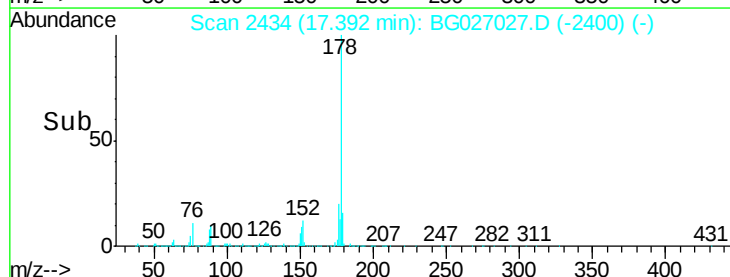
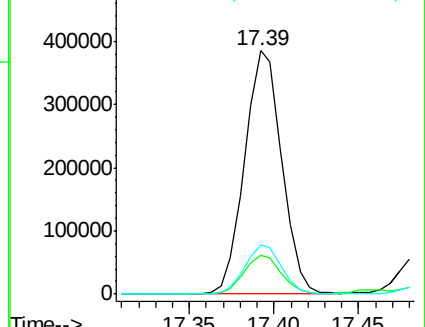
176 20.0 15.1 22.7

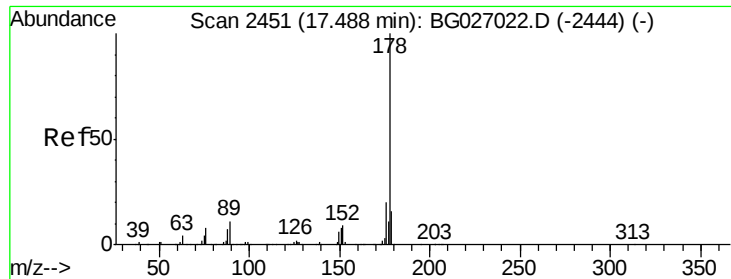


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.61 ng/ul

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Instrument :

BNA_G

ClientSampleId :

DAC16MS

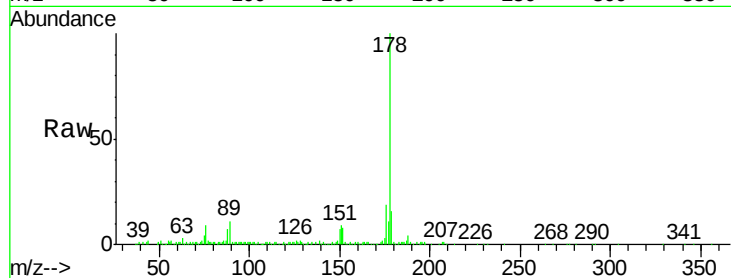
Tgt Ion:178 Resp: 92553

Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

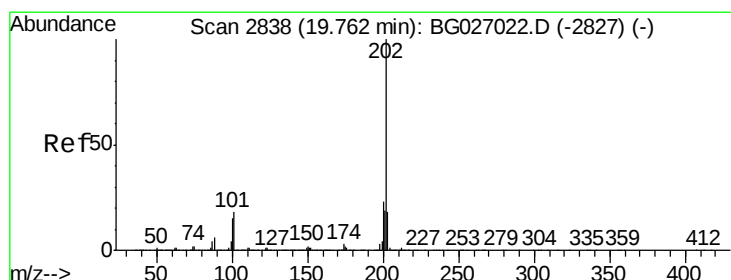
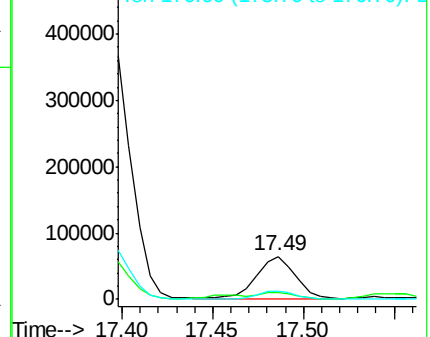
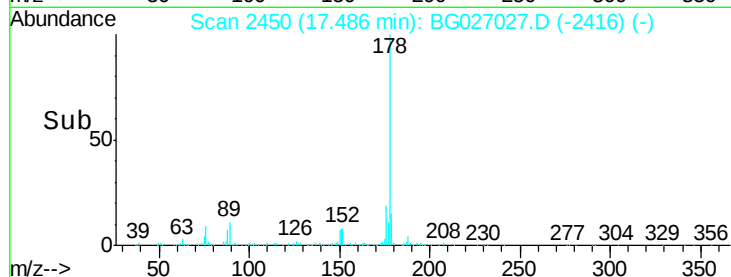
176 19.5 15.2 22.8



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



#19

Pyrene

Concen: 31.29 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

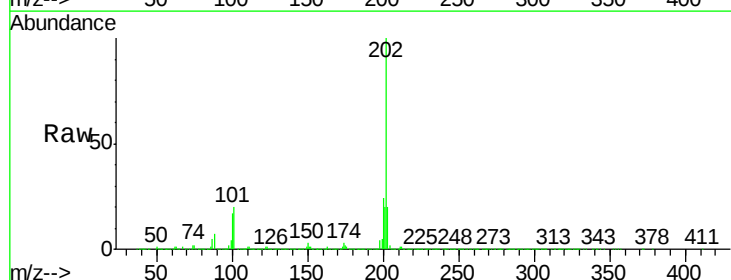
Tgt Ion:202 Resp: 1827989

Ion Ratio Lower Upper

202 100

101 20.3 11.0 16.4#

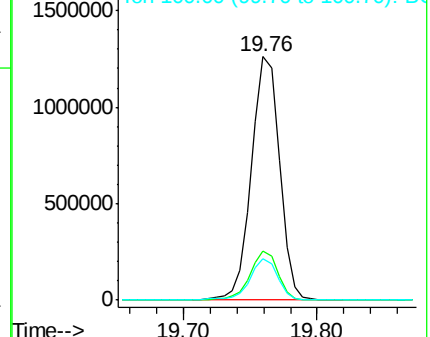
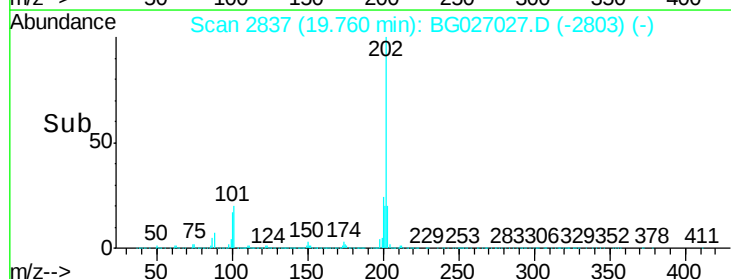
100 17.1 8.1 12.1#

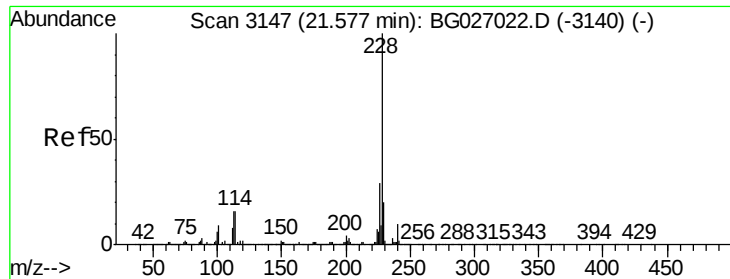


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 8.66 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Instrument :

BNA_G

ClientSampleId :

DAC16MS

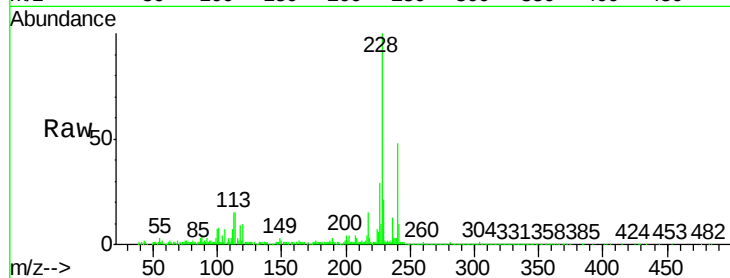
Tgt Ion:228 Resp: 466107

Ion Ratio Lower Upper

228 100

229 21.3 15.7 23.5

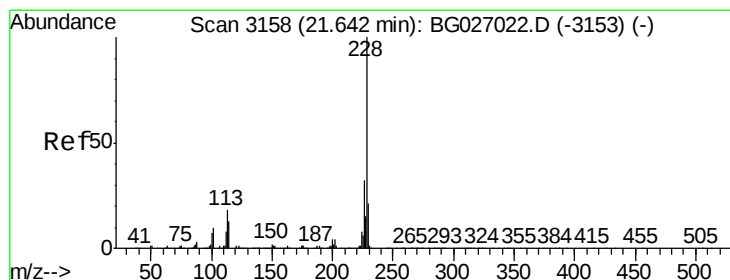
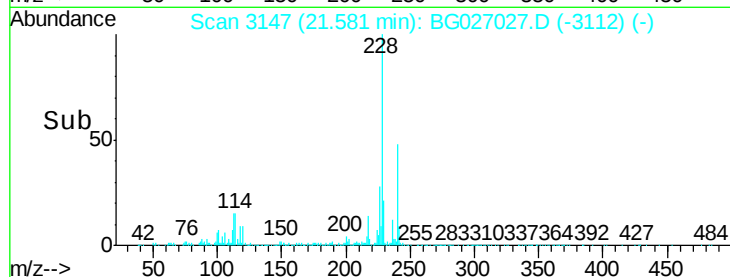
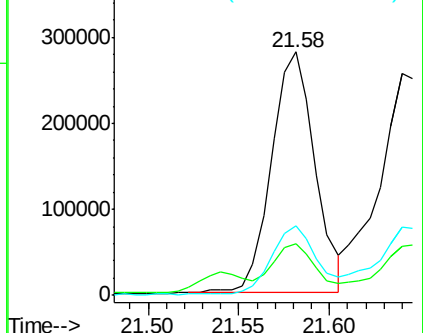
226 28.5 21.1 31.7



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: 9.75 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

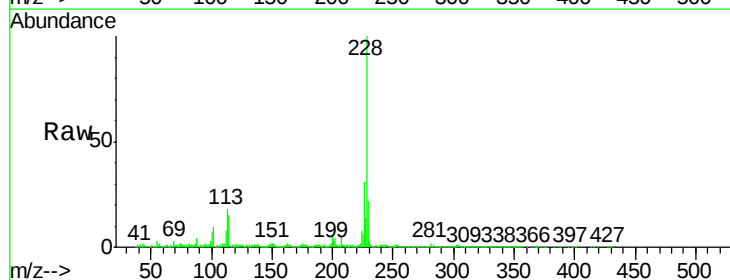
Tgt Ion:228 Resp: 482161

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

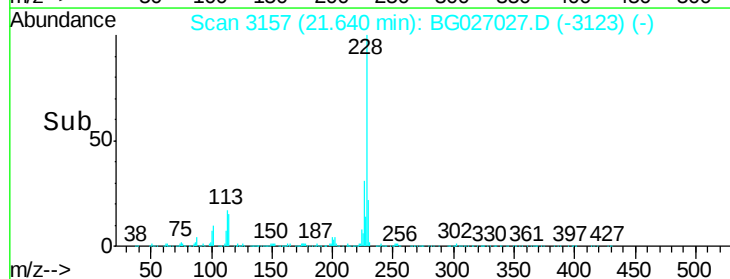
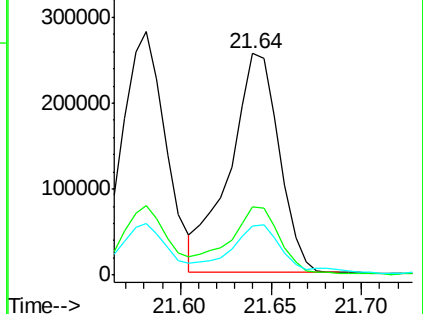
229 22.3 15.8 23.8

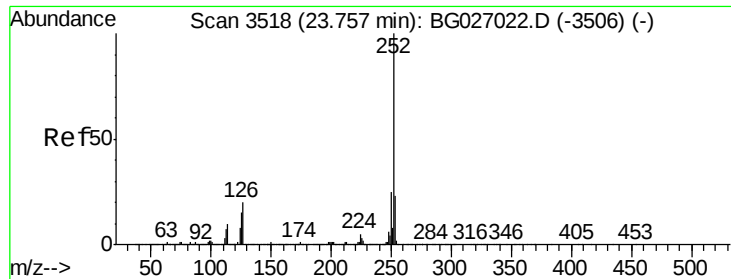


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 12.32 ng/ul

RT: 23.76 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

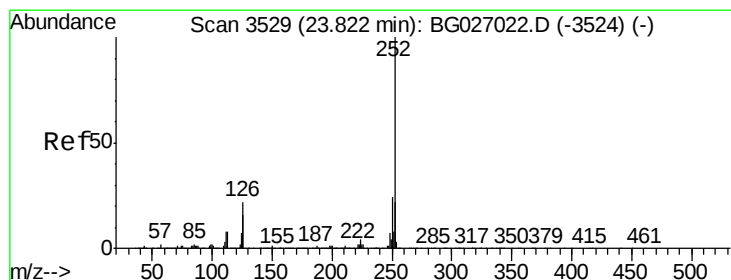
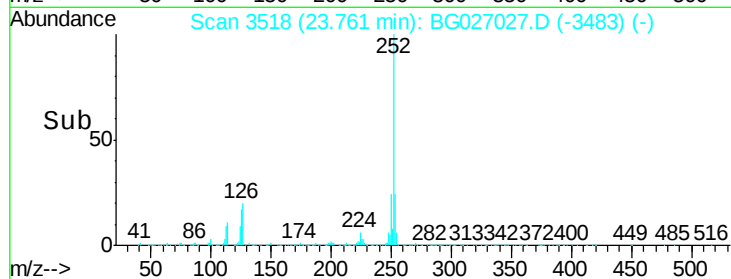
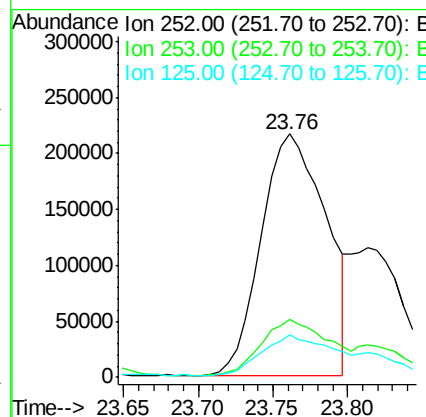
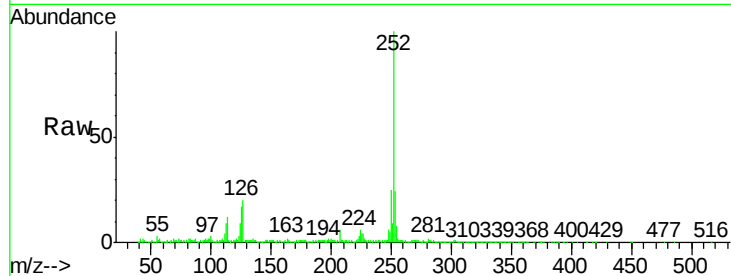
Instrument :

BNA_G

ClientSampleId :

DAC16MS

Tgt Ion:	252	Resp:	655320
Ion Ratio		Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.3	8.0	12.0#



#24

Benzo(k)fluoranthene

Concen: 11.98 ng/ul

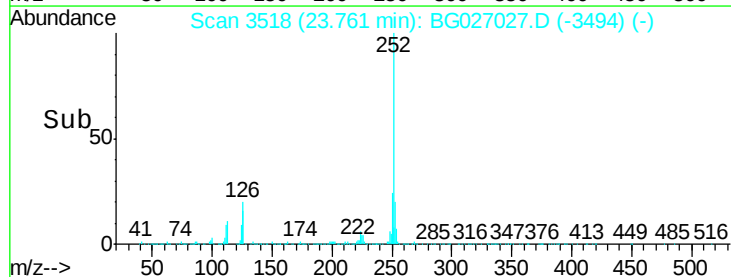
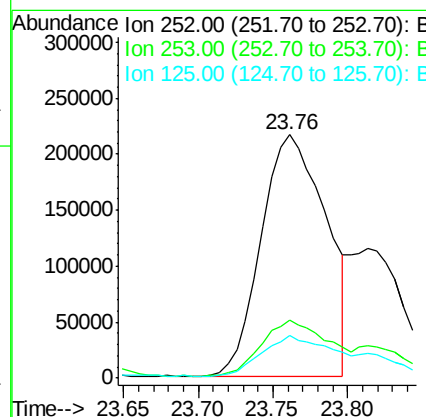
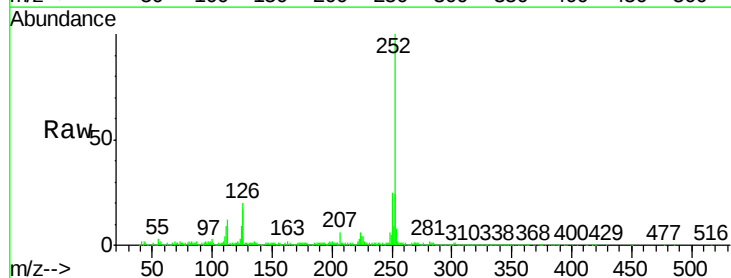
RT: 23.76 min Scan# 3518

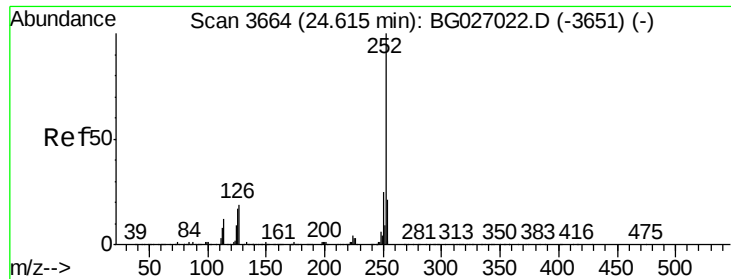
Delta R.T. -0.06 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Tgt Ion:	252	Resp:	655320
Ion Ratio		Lower	Upper
252	100		
253	24.1	18.0	27.0
125	17.3	8.1	12.1#





#26

Benzo(a)pyrene

Concen: 8.32 ng/ul

RT: 24.61 min Scan# 3663

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Instrument :

BNA_G

ClientSampleId :

DAC16MS

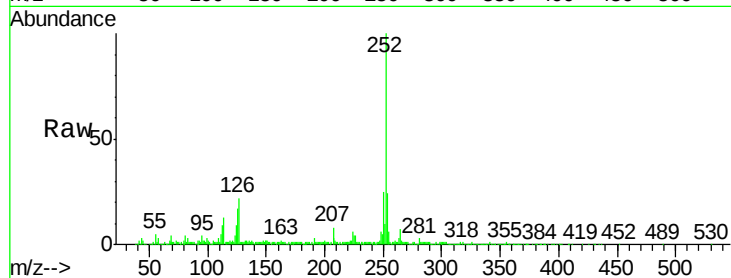
Tgt Ion:252 Resp: 432798

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

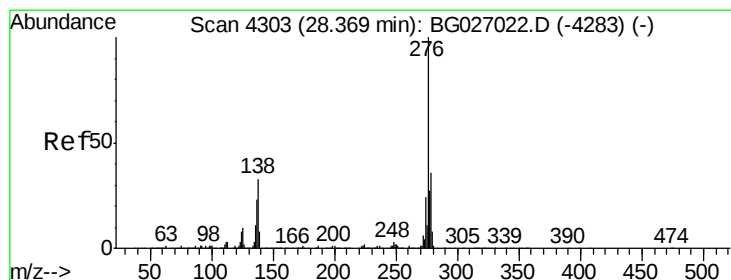
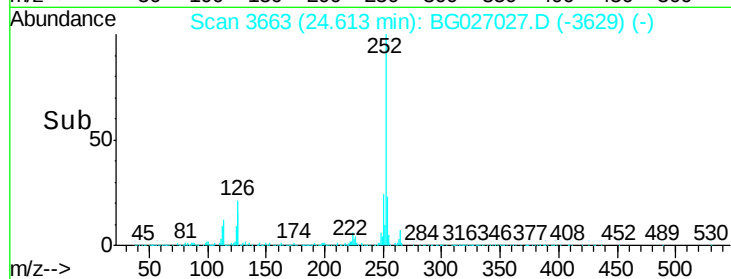
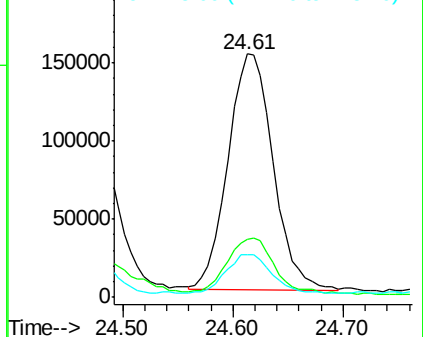
125 17.4 8.2 12.4#



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: 5.47 ng/ul

RT: 28.37 min Scan# 4303

Delta R.T. 0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

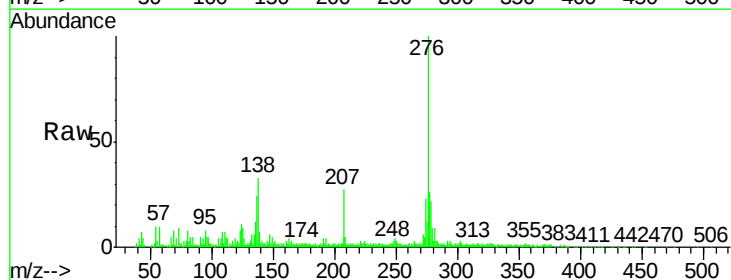
Tgt Ion:276 Resp: 261736

Ion Ratio Lower Upper

276 100

138 32.6 14.4 21.6#

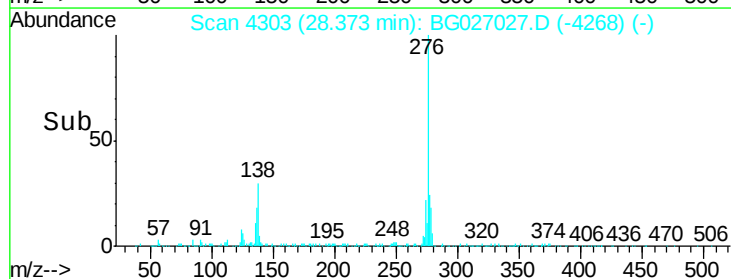
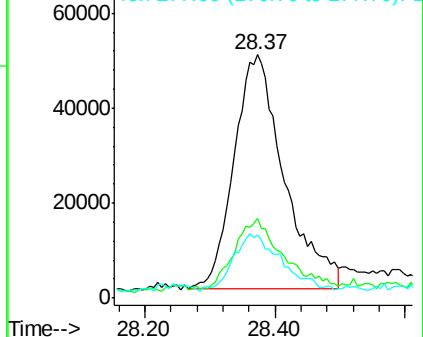
277 25.8 18.0 27.0

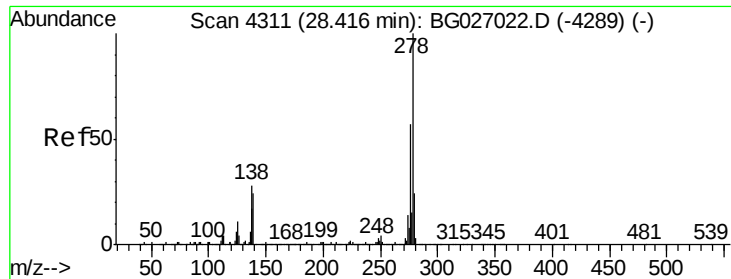


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.66 ng/ul

RT: 28.41 min Scan# 4309

Delta R.T. -0.01 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Instrument :

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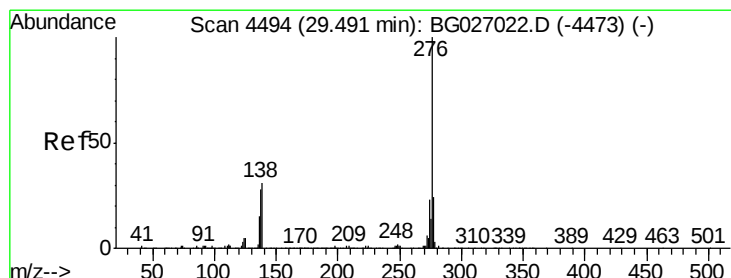
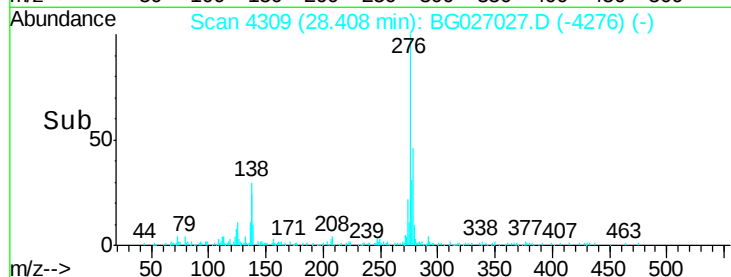
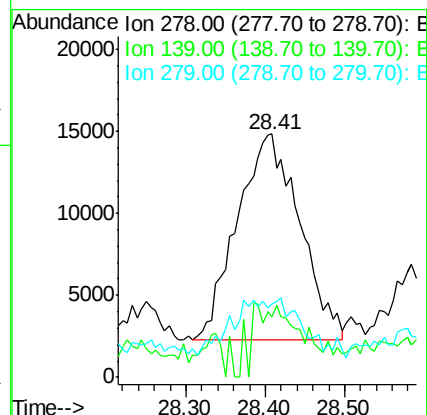
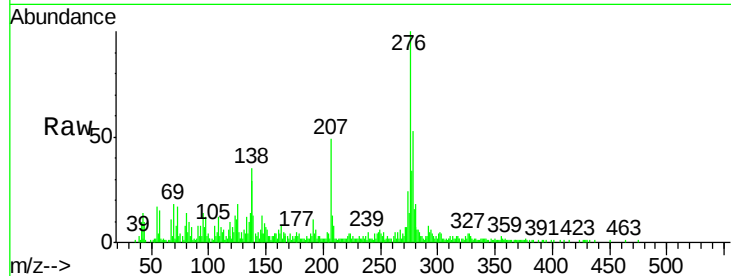
Tgt Ion:278 Resp: 68536

Ion Ratio Lower Upper

278 100

139 25.1 12.2 18.4#

279 30.2 19.2 28.8#



#29

Benzo(g,h,i)perylene

Concen: 2.55 ng/ul

RT: 29.49 min Scan# 4493

Delta R.T. -0.00 min

Lab File: BG027027.D

Acq: 19 May 2017 6:28

Tgt Ion:276 Resp: 96954

Ion Ratio Lower Upper

276 100

138 26.8 15.3 22.9#

277 25.8 19.0 28.4

