

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051817\
 Data File : BG027047.D
 Acq On : 19 May 2017 19:40
 Operator : SJ/MA
 Sample : I3137-12
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 19 23:45:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 23:42:44 2017
 Response via : Initial Calibration

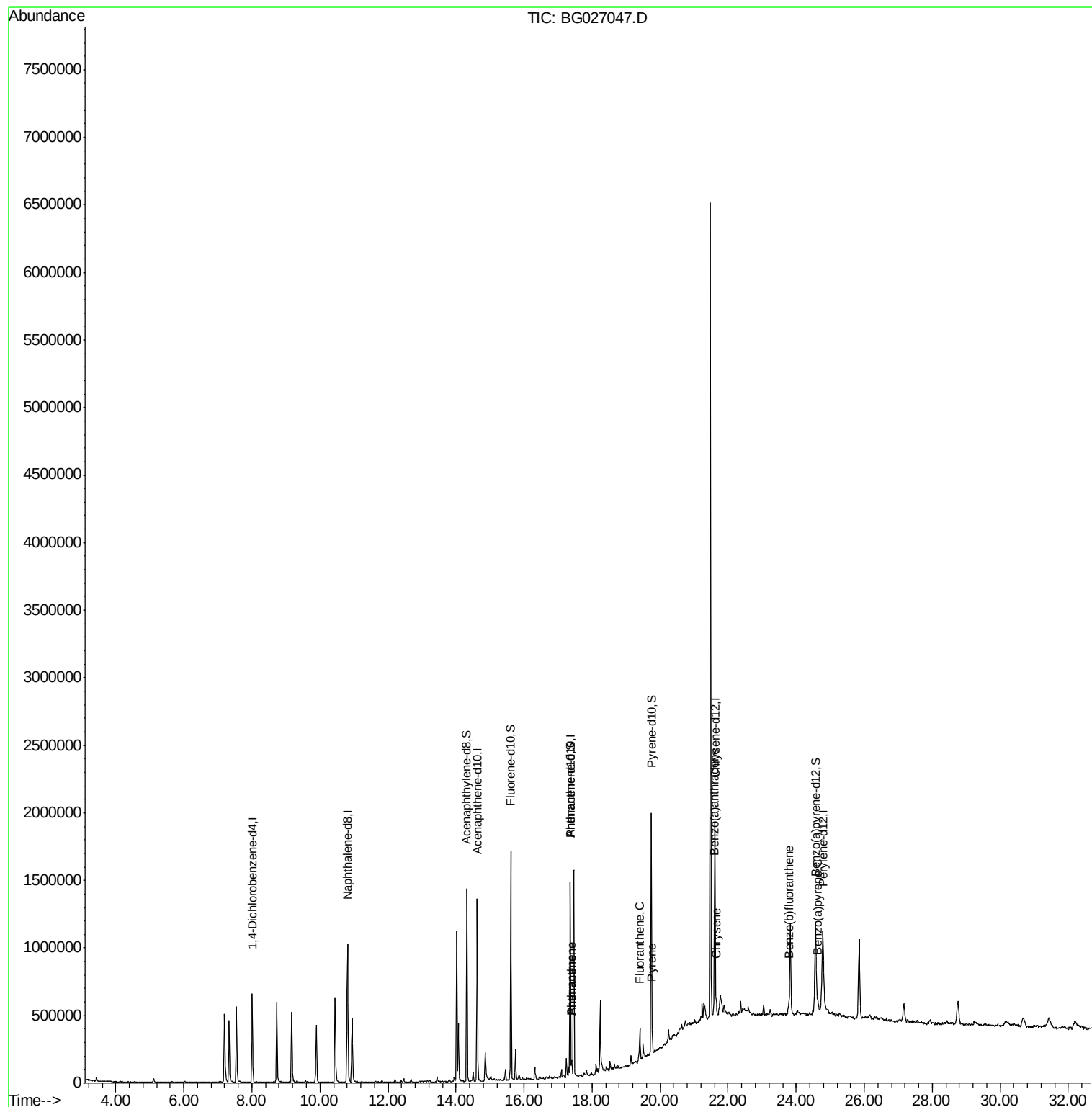
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	201907	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	930952	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	461570	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	831015	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	752112	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	643403	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1038382	21.93	ng/ul	0.00
10) Fluorene-d10	15.61	176	658315	20.84	ng/ul	0.00
14) Anthracene-d10	17.36	188	831015	20.51	ng/ul	-0.09
18) Pyrene-d10	19.74	212	842844	21.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	732951	22.93	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.40	178	72558	1.56	ng/ul	99
15) Anthracene	17.40	178	72396	1.52	ng/ul	99
16) Fluoranthene	19.41	202	116171	2.45	ng/ul#	88
19) Pyrene	19.77	202	98697	2.01	ng/ul#	89
20) Benzo(a)anthracene	21.59	228	49277	1.09	ng/ul#	94
21) Chrysene	21.66	228	67761	1.63	ng/ul#	93
23) Benzo(b)fluoranthene	23.78	252	79258	2.07	ng/ul#	86
26) Benzo(a)pyrene	24.63	252	38131	1.02	ng/ul#	72

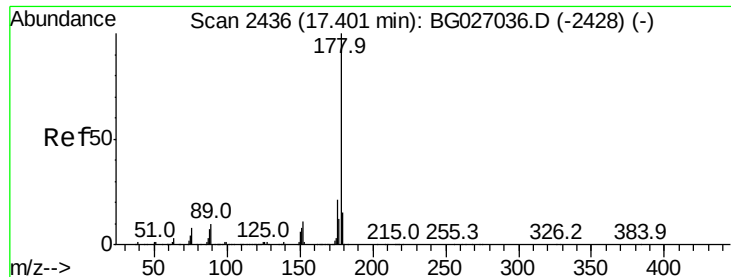
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.56 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

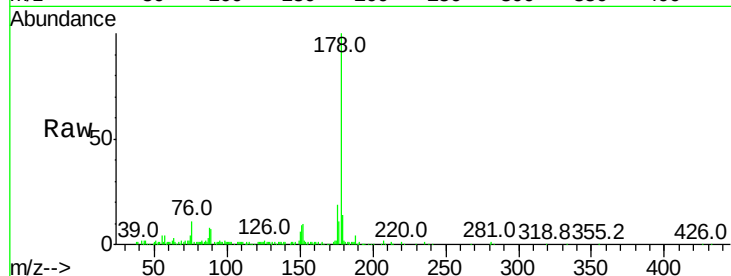
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 72558

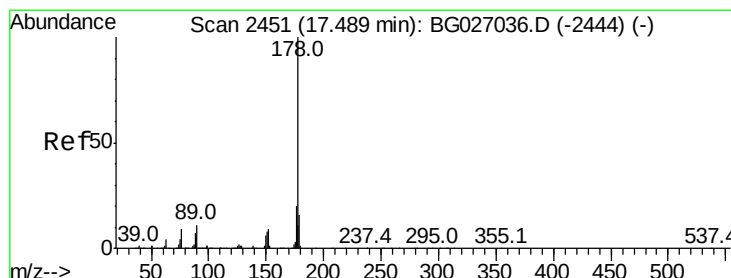
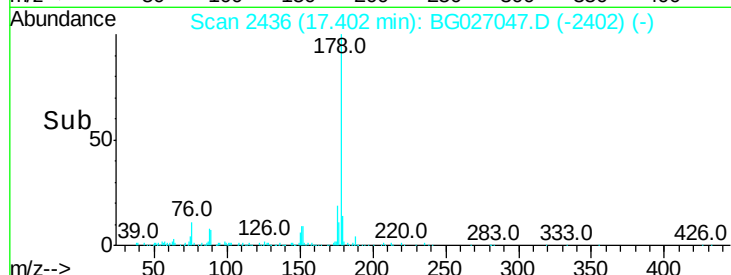
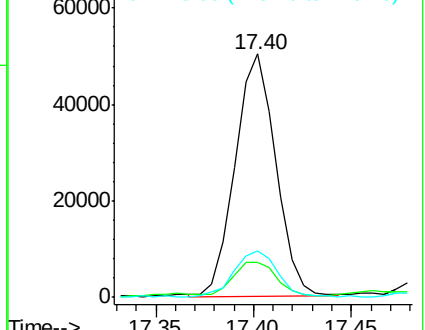
Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.3	18.5
176	18.8	15.1	22.7



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: 1.52 ng/ul

RT: 17.40 min Scan# 2436

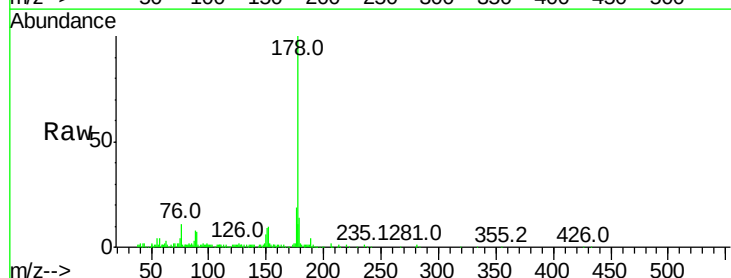
Delta R.T. -0.09 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Tgt Ion:178 Resp: 72396

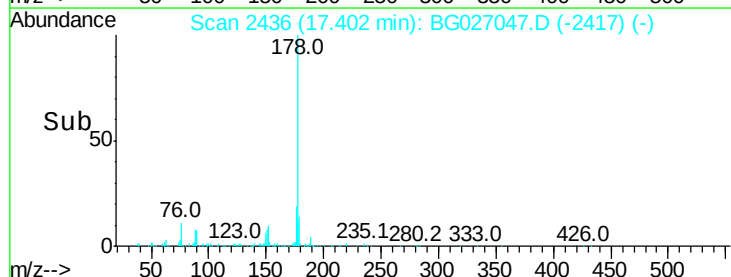
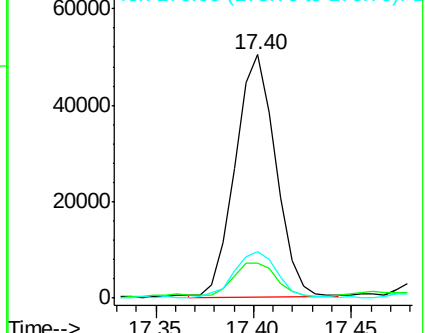
Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.8	17.8
176	18.8	15.2	22.8

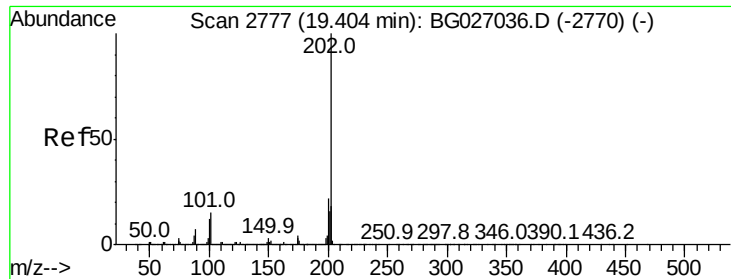


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 2.45 ng/ul

RT: 19.41 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Instrument :

BNA_G

ClientSampled :

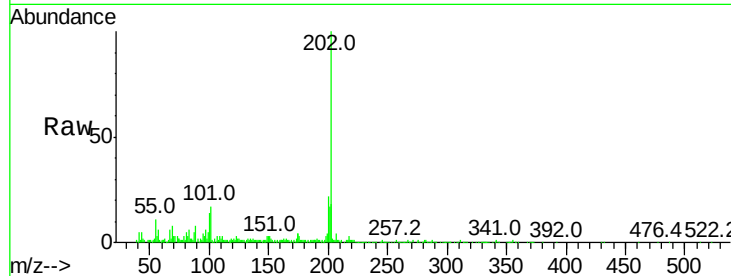
Tot Ion:202 Resp: 116171

Ion Ratio Lower Upper

202 100

101 17.3 9.9 14.9#

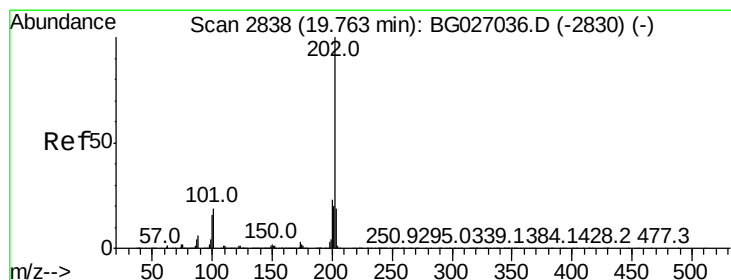
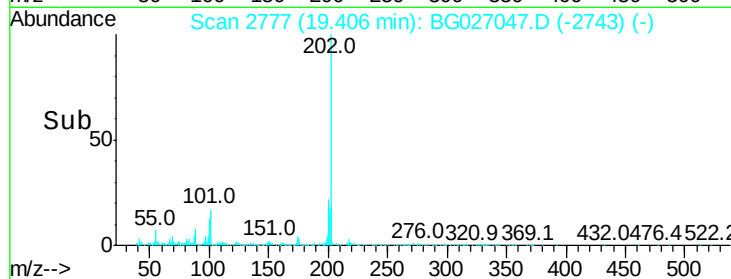
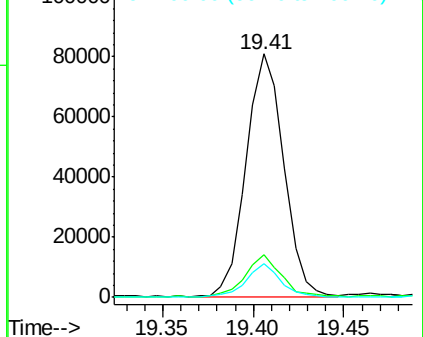
100 13.7 7.4 11.0#



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: 2.01 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

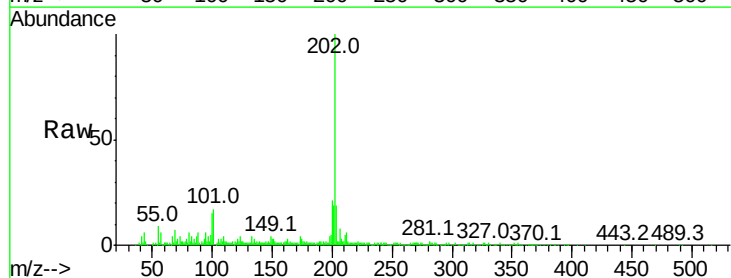
Tgt Ion:202 Resp: 98697

Ion Ratio Lower Upper

202 100

101 17.0 11.0 16.4#

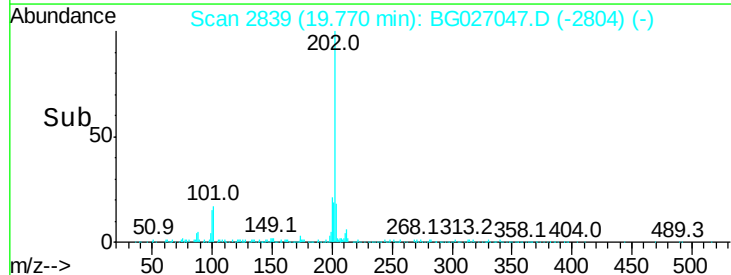
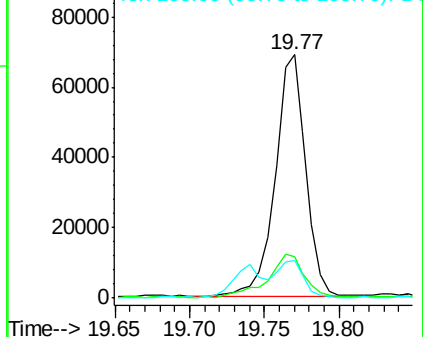
100 15.5 8.1 12.1#

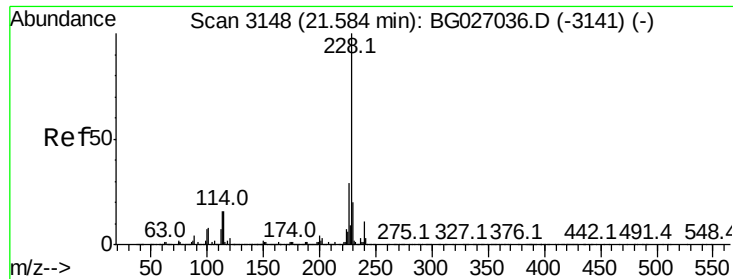


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.59 min Scan# 3149

Delta R.T. 0.01 min

Lab File: BG027047.D

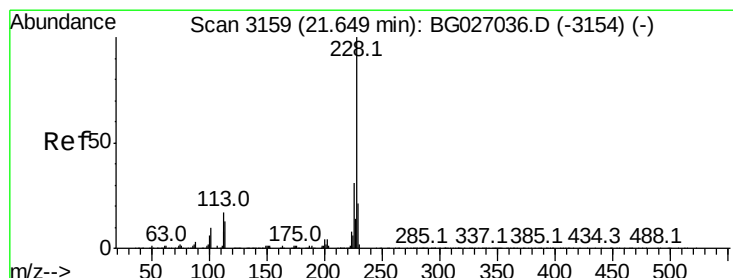
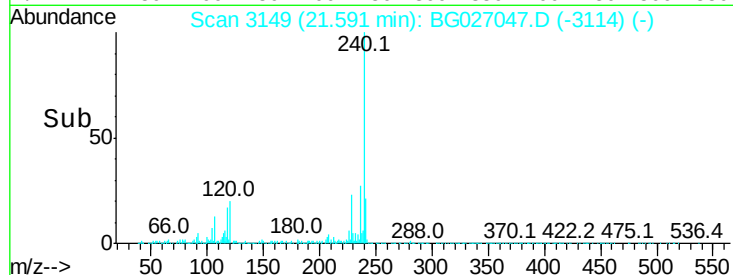
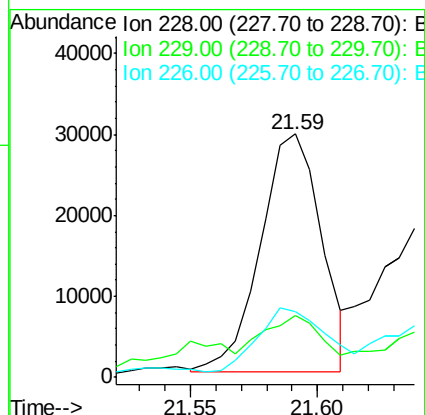
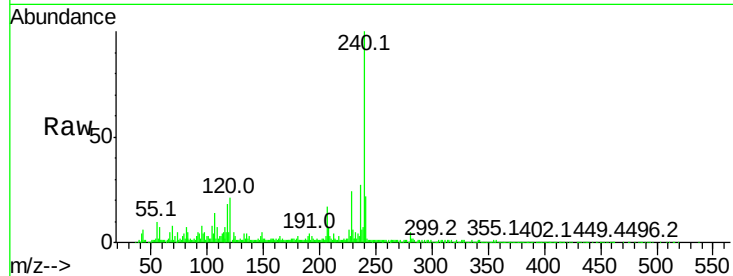
Acq: 19 May 2017 19:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:228	Resp:	49277
Ion Ratio	Lower	Upper
228	100	
229	25.6	15.7 23.5#
226	26.8	21.1 31.7



#21

Chrysene

Concen: 1.63 ng/ul

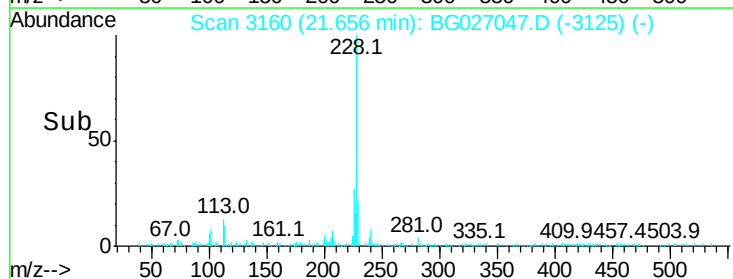
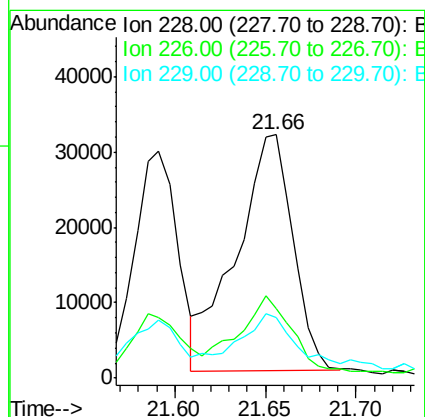
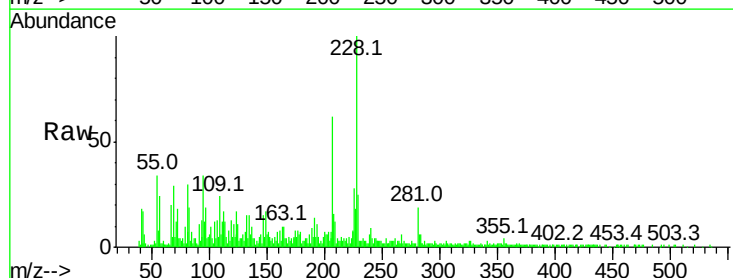
RT: 21.66 min Scan# 3160

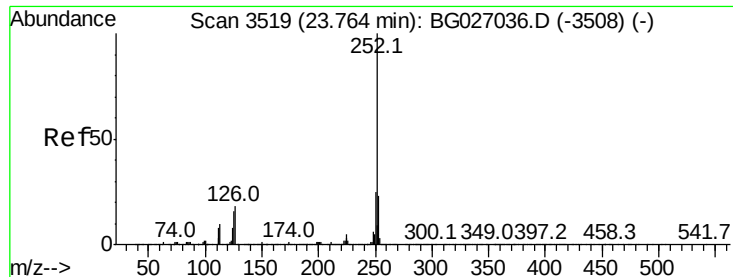
Delta R.T. 0.01 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Tgt Ion:228	Resp:	67761
Ion Ratio	Lower	Upper
228	100	
226	28.4	24.5 36.7
229	25.0	15.8 23.8#





#23

Benzo(b)fluoranthene

Concen: 2.07 ng/ul

RT: 23.78 min Scan# 3522

Delta R.T. 0.02 min

Lab File: BG027047.D

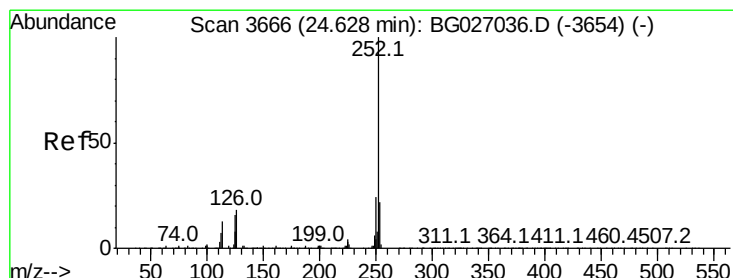
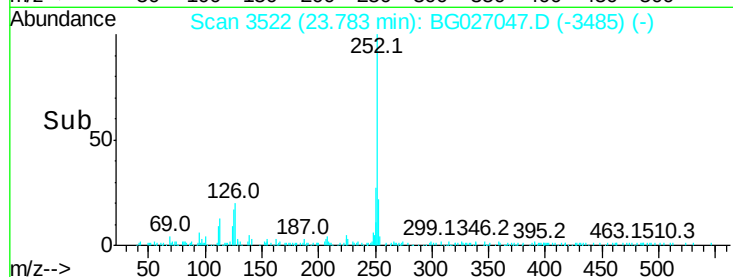
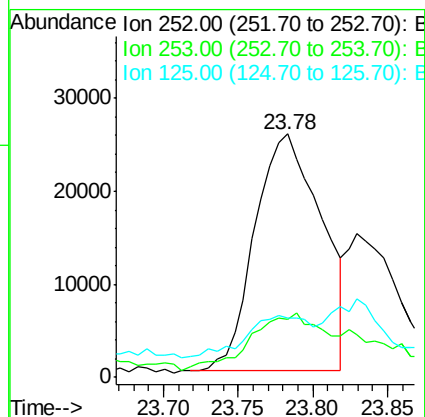
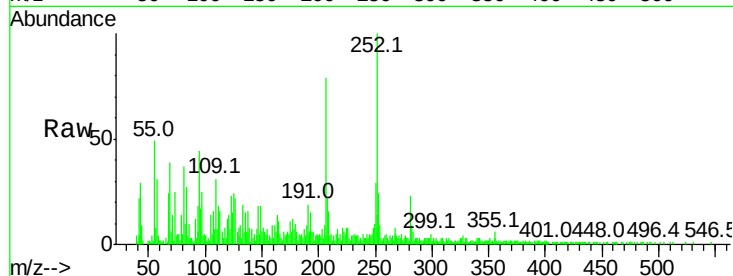
Acq: 19 May 2017 19:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	79258
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	24.2	8.0	12.0#



#26

Benzo(a)pyrene

Concen: 1.02 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.01 min

Lab File: BG027047.D

Acq: 19 May 2017 19:40

Tgt Ion:	252	Resp:	38131
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.2	25.8#
125	31.3	8.2	12.4#

