

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027135.D
 Acq On : 24 May 2017 19:31
 Operator : SJ/MA
 Sample : I3277-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 04:52:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	167663	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	826359	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	432124	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	790574	20.00	ng/ul	0.00
17) Chrysene-d12	21.60	240	709281	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	617153	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.31	160	1024117	23.11	ng/ul	0.00
10) Fluorene-d10	15.61	176	645175	21.82	ng/ul	0.00
14) Anthracene-d10	17.35	188	790574	20.51	ng/ul	-0.10
18) Pyrene-d10	19.73	212	856190	23.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.55	264	712469	23.23	ng/ul	0.00

Target Compounds

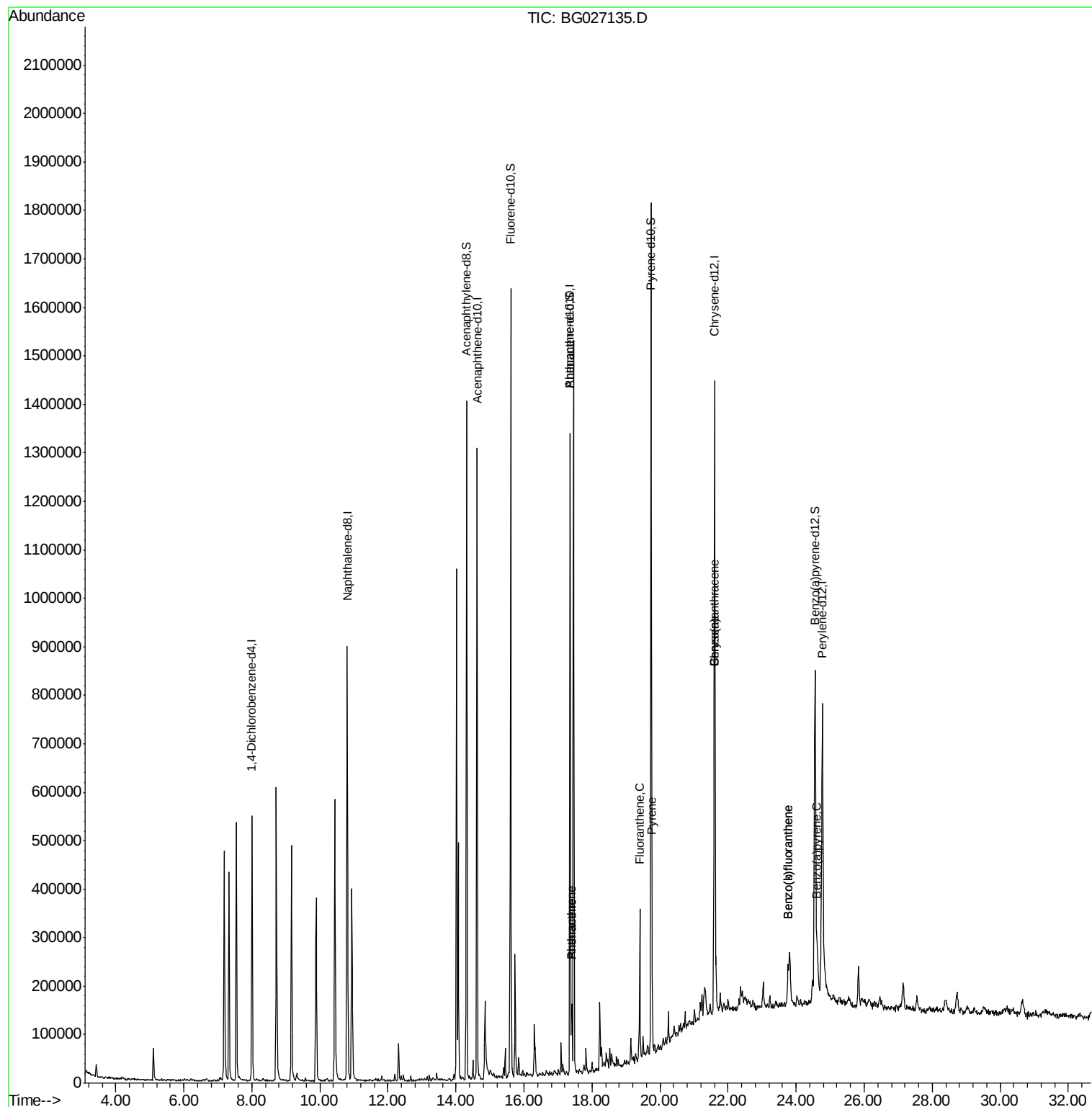
						Ovalue
13) Phenanthrene	17.40	178	83780	1.90	ng/ul	99
15) Anthracene	17.40	178	83991	1.85	ng/ul	98
16) Fluoranthene	19.40	202	169114	3.74	ng/ul#	91
19) Pyrene	19.76	202	151235	3.26	ng/ul#	86
20) Benzo(a)anthracene	21.58	228	77313	1.81	ng/ul	97
21) Chrysene	21.58	228	76657	1.95	ng/ul	97
23) Benzo(b)fluoranthene	23.77	252	101021	2.75	ng/ul#	92
24) Benzo(k)fluoranthene	23.77	252	101021	2.68	ng/ul#	92
26) Benzo(a)pyrene	24.62	252	62660	1.75	ng/ul#	92

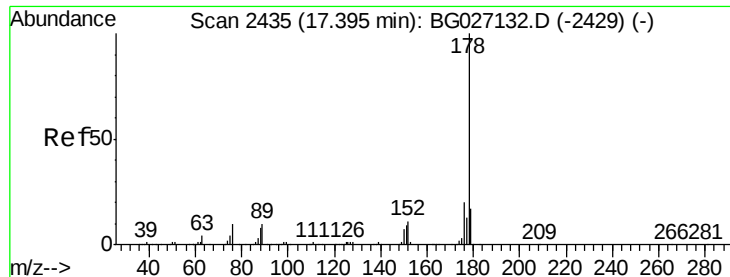
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.90 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027135.D

Acq: 24 May 2017 19:31

Instrument :

BNA_G

ClientSampleId :

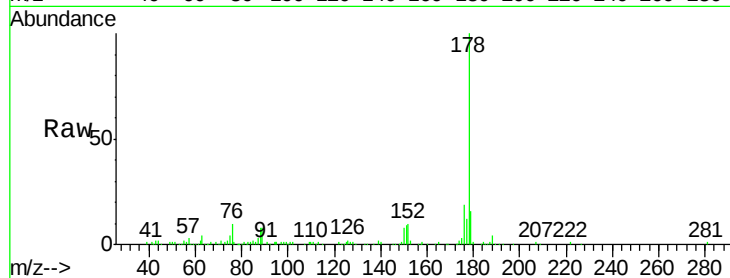
Tot Ion:178 Resp: 83780

Ion Ratio Lower Upper

178 100

179 16.2 12.3 18.5

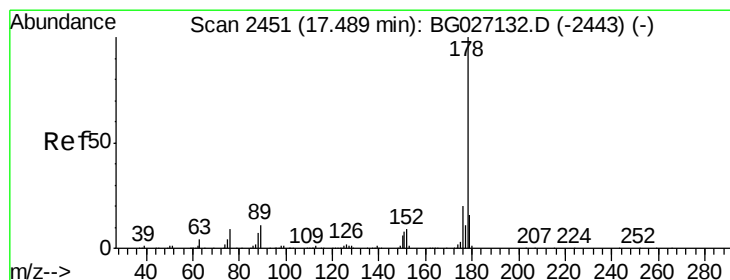
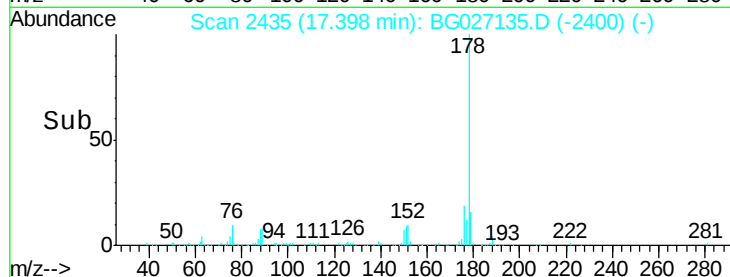
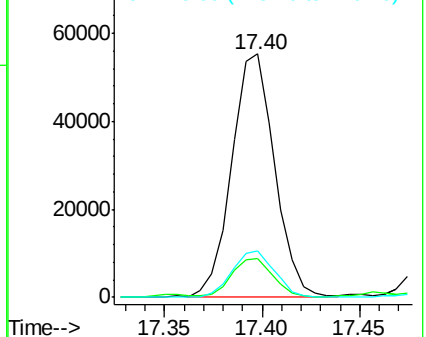
176 19.3 15.1 22.7



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: 1.85 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. -0.09 min

Lab File: BG027135.D

Acq: 24 May 2017 19:31

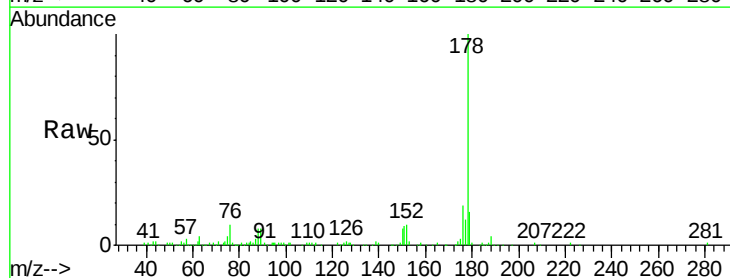
Tgt Ion:178 Resp: 83991

Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.8

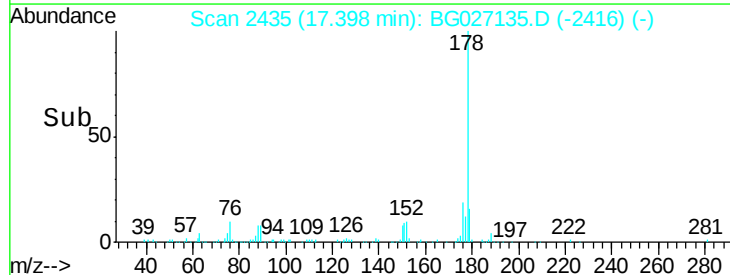
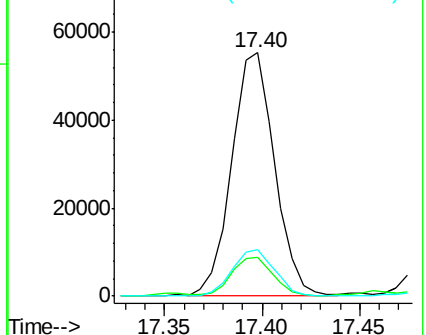
176 19.3 15.2 22.8

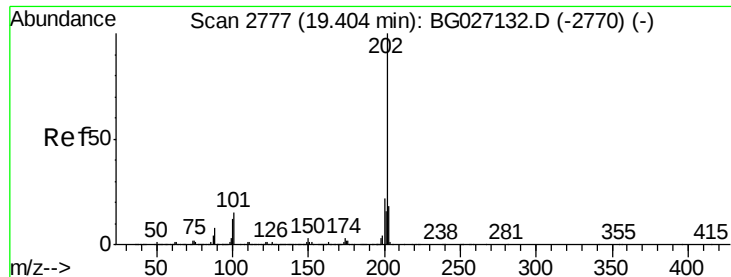


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

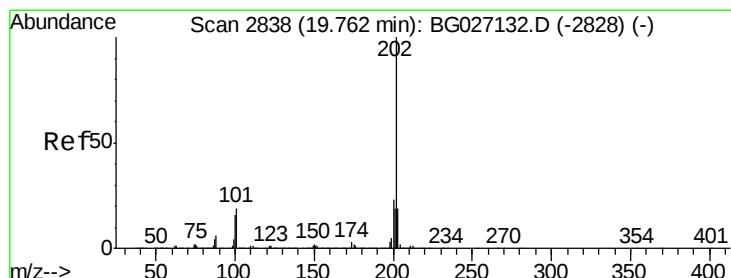
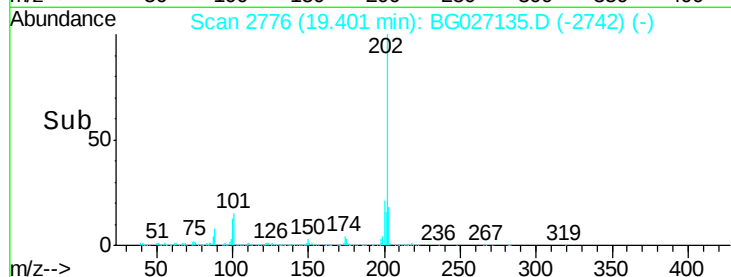
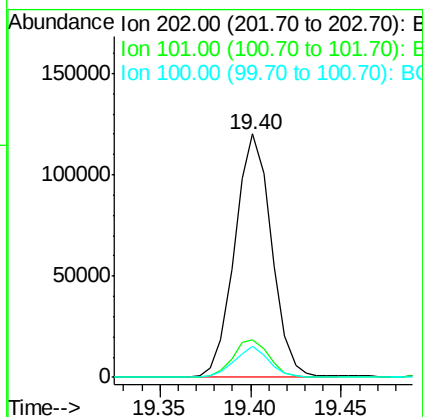
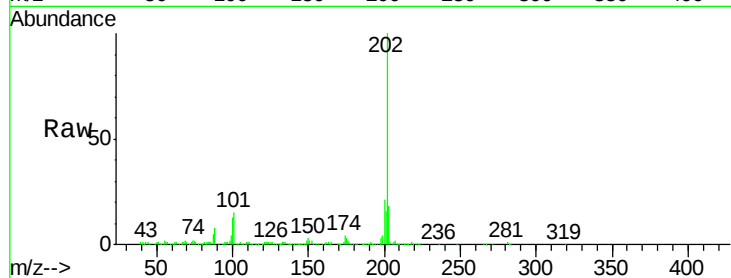




#16
Fluoranthene
 Concen: 3.74 ng/ul
 RT: 19.40 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: BG027135.D
 Acq: 24 May 2017 19:31

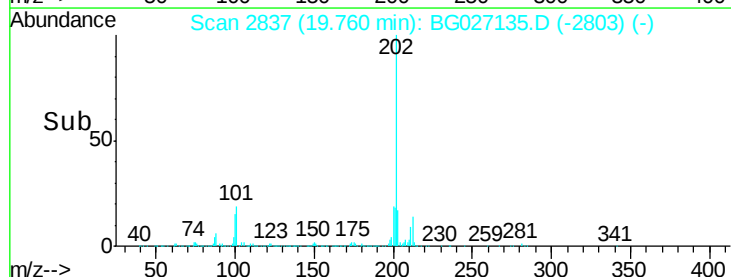
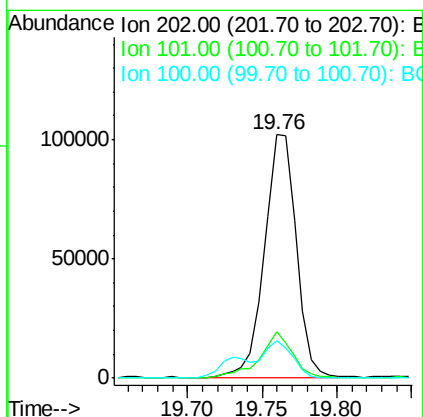
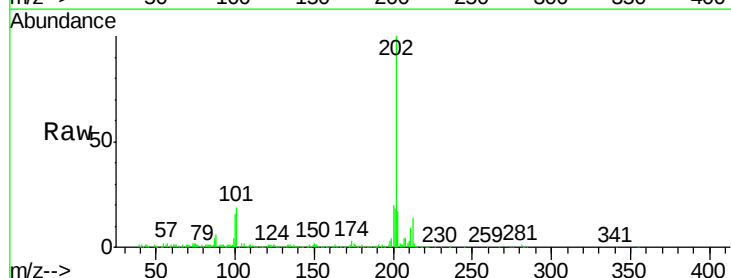
Instrument :
 BNA_G
 ClientSampleId :

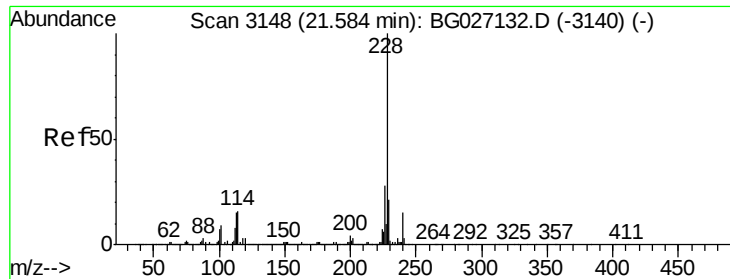
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.5	9.9	14.9#
100	12.7	7.4	11.0#



#19
Pyrene
 Concen: 3.26 ng/ul
 RT: 19.76 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BG027135.D
 Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.2	11.0	16.4#
100	15.5	8.1	12.1#

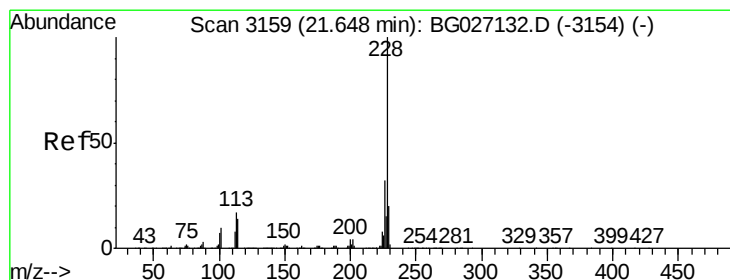
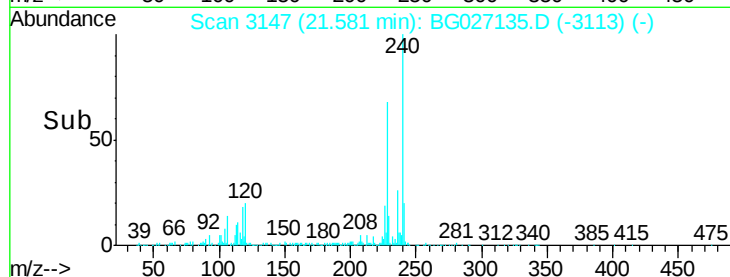
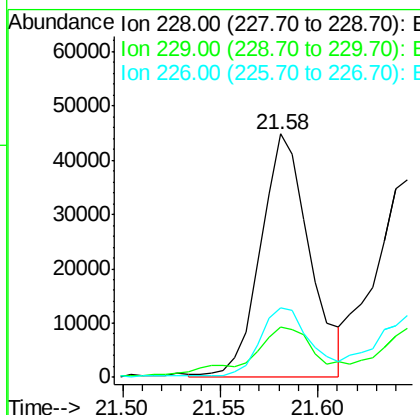
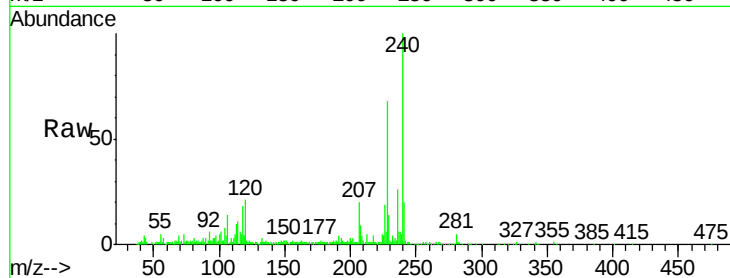




#20
Benzo(a)anthracene
Concen: 1.81 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

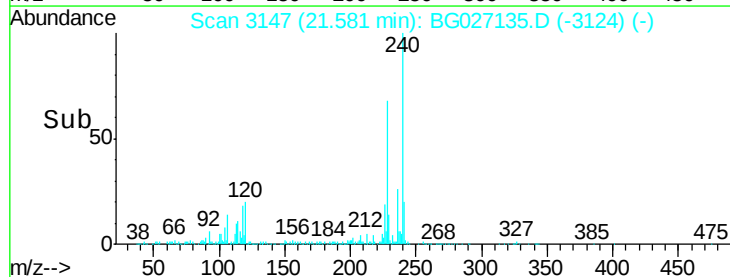
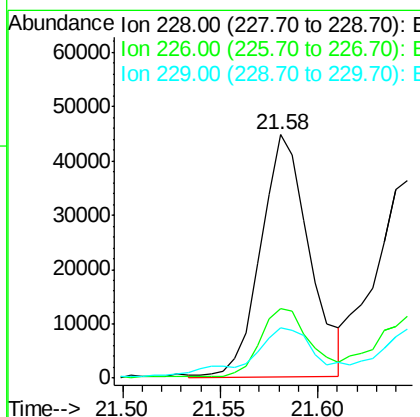
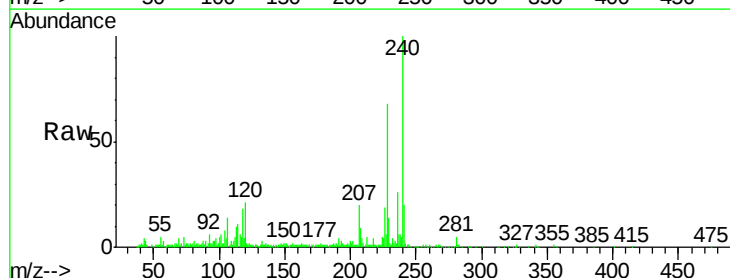
Instrument :
BNA_G
ClientSampleId :

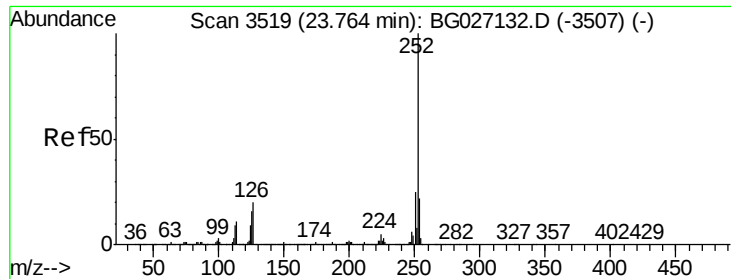
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.4	21.1	31.7



#21
Chrysene
Concen: 1.95 ng/ul
RT: 21.58 min Scan# 3147
Delta R.T. -0.07 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.5	36.7
229	20.8	15.8	23.8

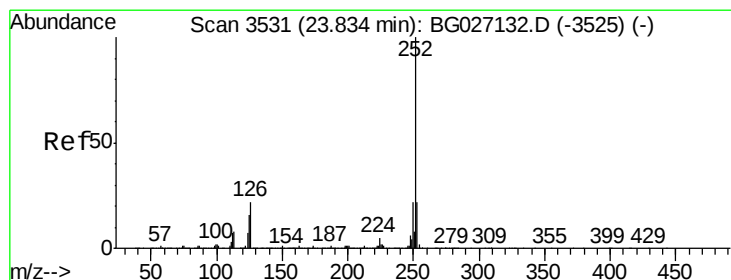
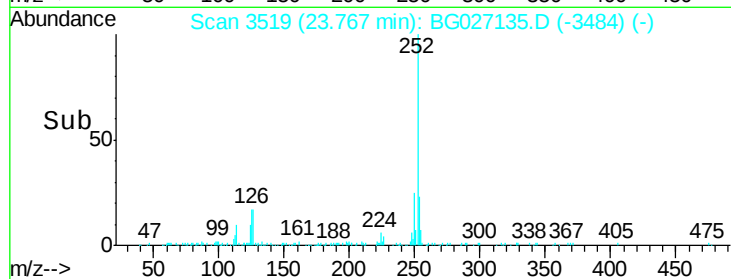
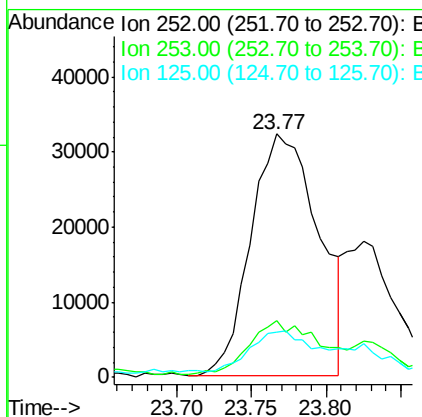
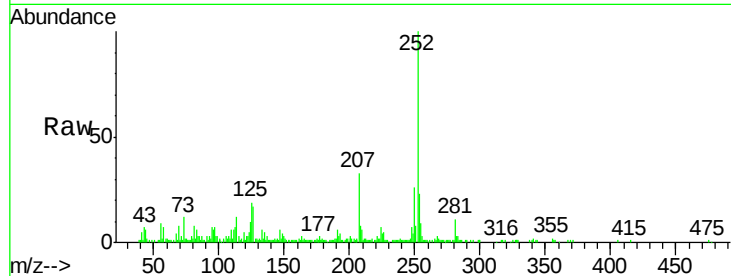




#23
Benzo(b)fluoranthene
Concen: 2.75 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

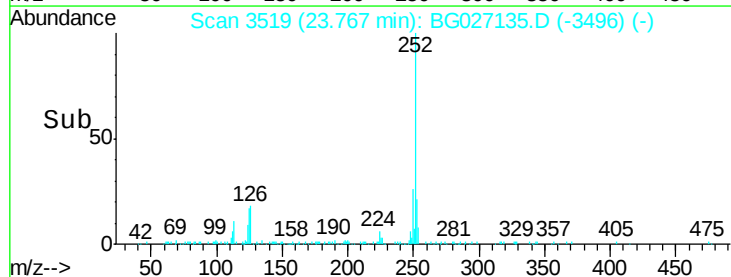
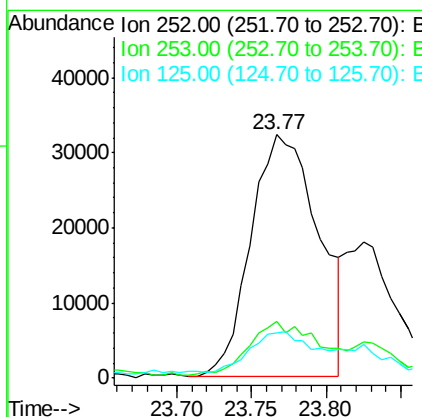
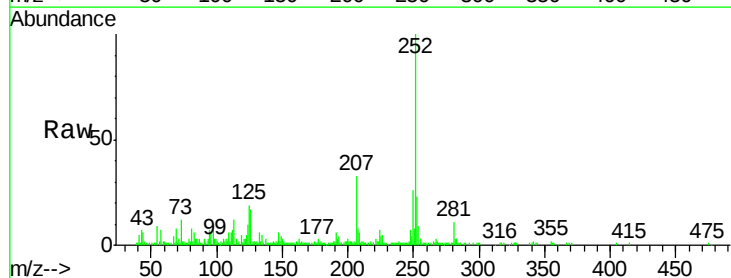
Instrument :
BNA_G
ClientSampleId :

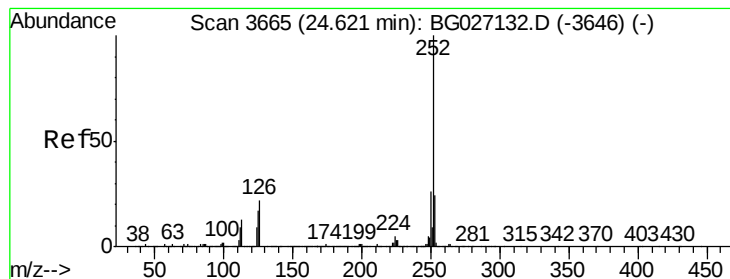
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	18.7	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 2.68 ng/ul
RT: 23.77 min Scan# 3519
Delta R.T. -0.07 min
Lab File: BG027135.D
Acq: 24 May 2017 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	18.7	8.1	12.1





#26

Benzo(a)pyrene

Concen: 1.75 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG027135.D

Acq: 24 May 2017 19:31

Instrument :

BNA_G

ClientSampleId :

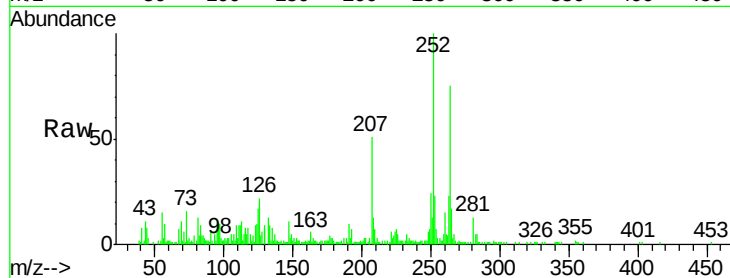
Tot Ion: 252 Resp: 62660

Ion Ratio Lower Upper

252 100

253 22.9 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

