

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052417\
 Data File : BG027119.D
 Acq On : 24 May 2017 7:03
 Operator : SJ/MA
 Sample : I3276-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 24 07:59:46 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

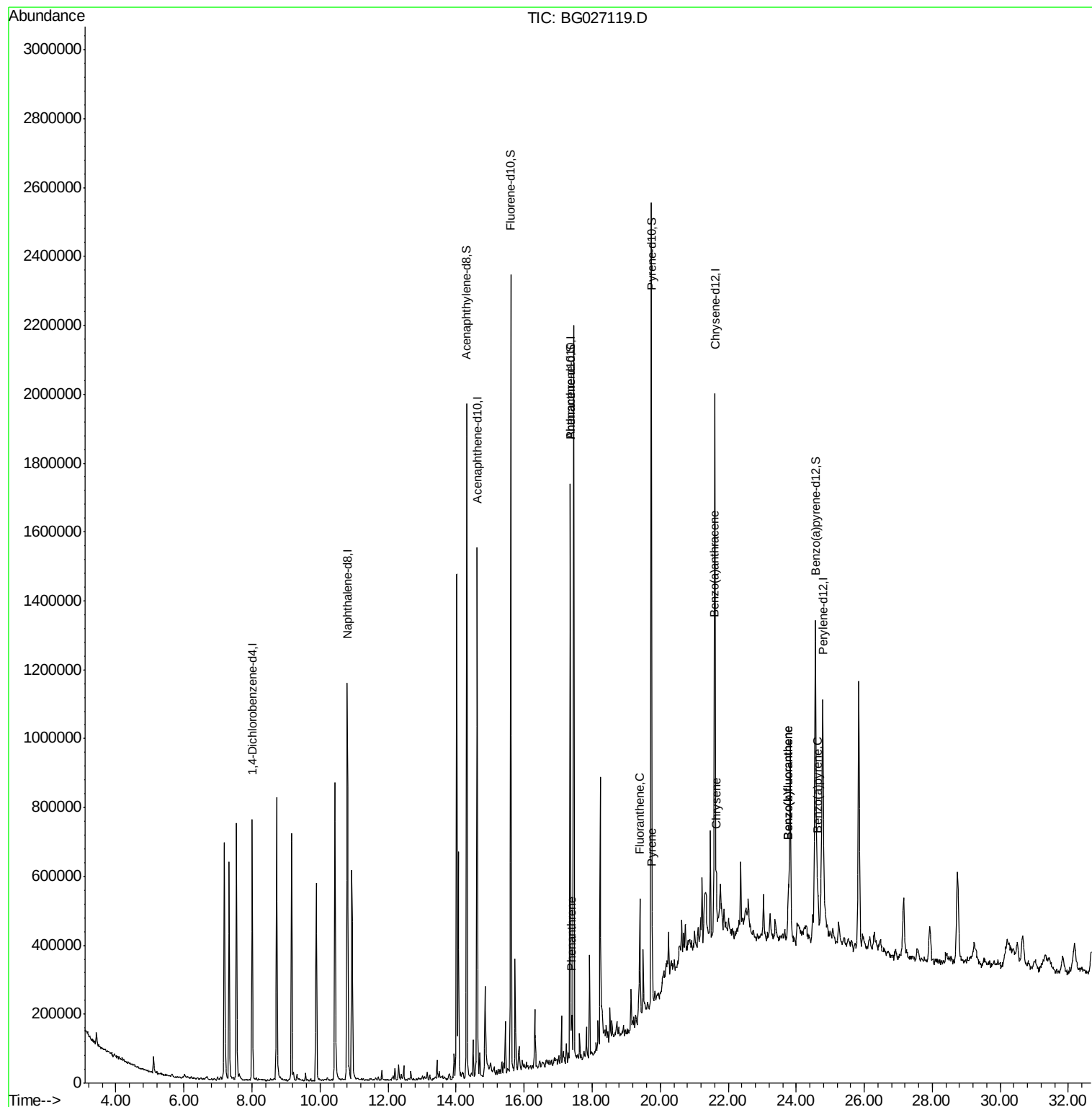
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	225091	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1045967	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	533867	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	956875	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	835003	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	708138	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1429609	26.11	ng/ul	0.00
10) Fluorene-d10	15.61	176	907620	24.84	ng/ul	0.00
14) Anthracene-d10	17.35	188	956875	20.51	ng/ul	-0.10
18) Pyrene-d10	19.74	212	1144060	26.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	945321	26.87	ng/ul	0.00
Target Compounds						
13) Phenanthrene	17.40	178	79388	1.48	ng/ul	Ovalue 99
16) Fluoranthene	19.40	202	147156	2.69	ng/ul#	90
19) Pyrene	19.77	202	128934	2.36	ng/ul#	92
20) Benzo(a)anthracene	21.58	228	86790	1.73	ng/ul#	90
21) Chrysene	21.65	228	108044	2.34	ng/ul#	93
23) Benzo(b)fluoranthene	23.77	252	168974	4.01	ng/ul#	91
24) Benzo(k)fluoranthene	23.77	252	168974	3.90	ng/ul#	91
26) Benzo(a)pyrene	24.63	252	89995	2.19	ng/ul#	84

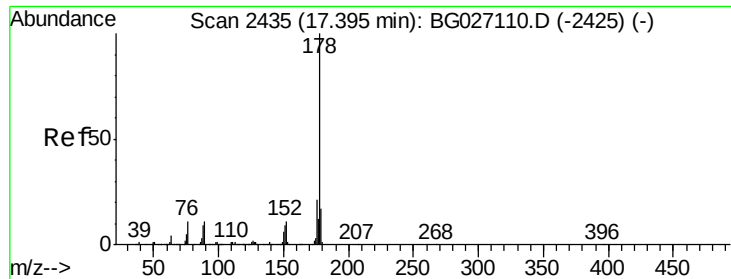
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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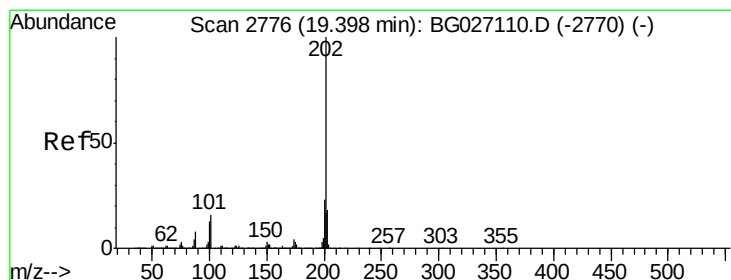
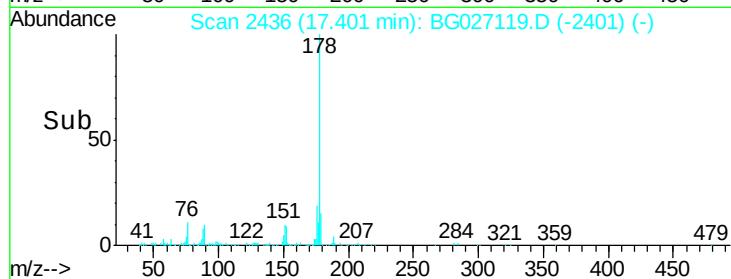
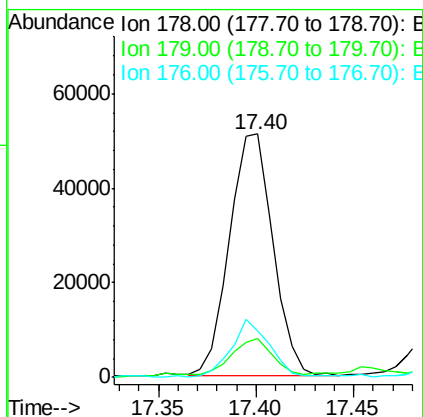
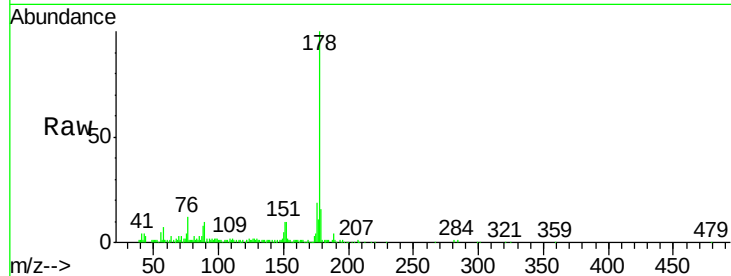




#13
Phenanthrene
Concen: 1.48 ng/ul
RT: 17.40 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BG027119.D
Acq: 24 May 2017 7:03

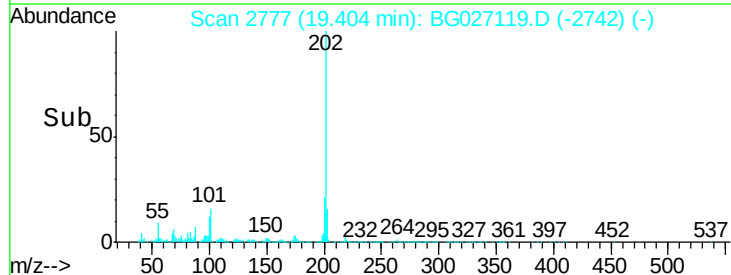
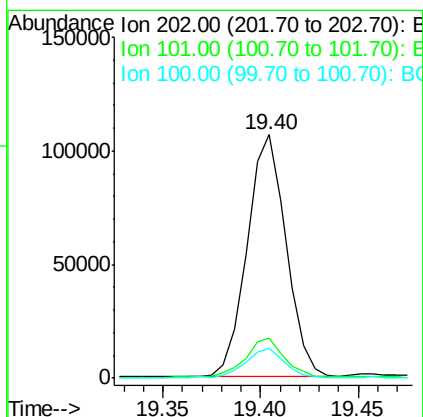
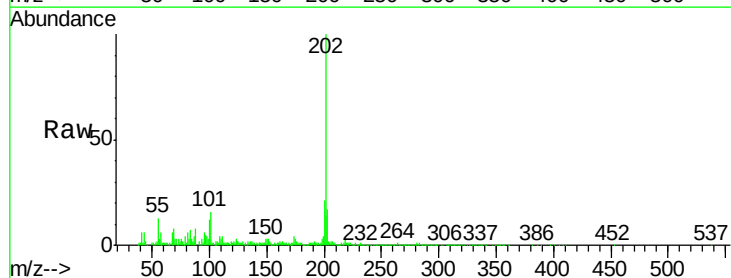
Instrument :
BNA_G
ClientSampleId :

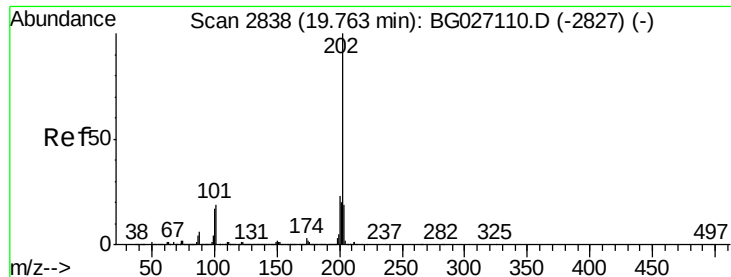
Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	19.2	15.1	22.7



#16
Fluoranthene
Concen: 2.69 ng/ul
RT: 19.40 min Scan# 2777
Delta R.T. 0.01 min
Lab File: BG027119.D
Acq: 24 May 2017 7:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.5	9.9	14.9#
100	12.2	7.4	11.0#





#19

Pvrene

Concen: 2.36 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Instrument :

BNA_G

ClientSampleId :

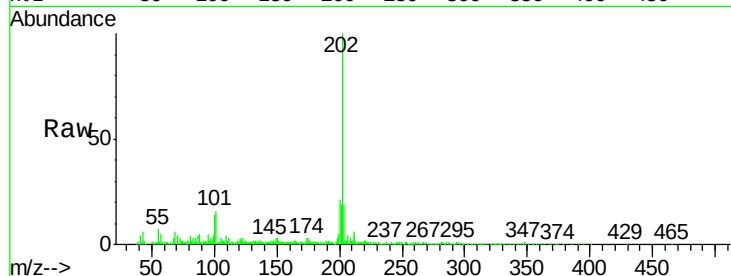
Tot Ion:202 Resp: 128934

Ion Ratio Lower Upper

202 100

101 16.0 11.0 16.4

100 14.3 8.1 12.1#

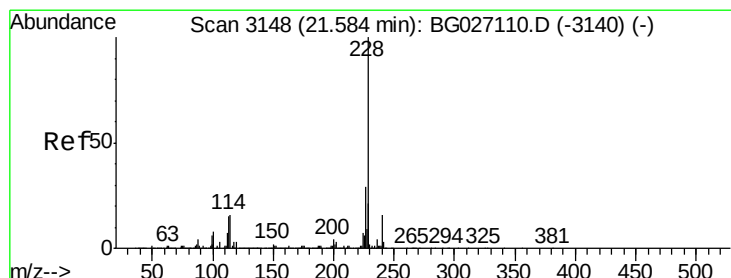
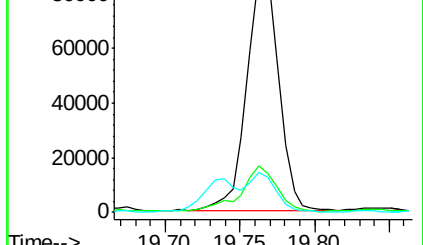
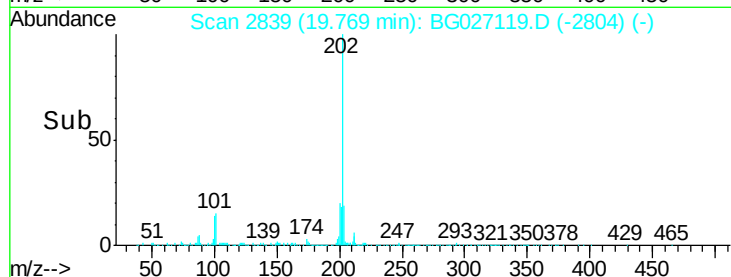


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

Time-->



#20

Benzo(a)anthracene

Concen: 1.73 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

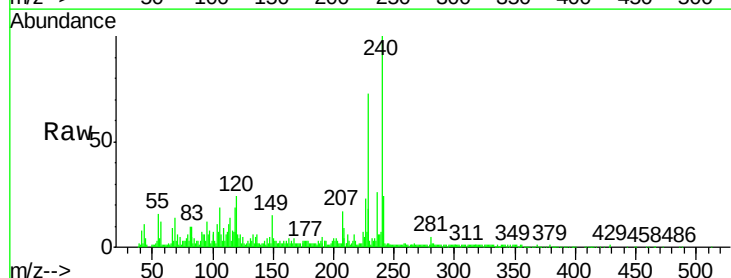
Tgt Ion:228 Resp: 86790

Ion Ratio Lower Upper

228 100

229 24.3 15.7 23.5#

226 31.5 21.1 31.7

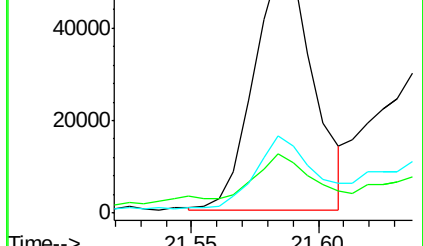
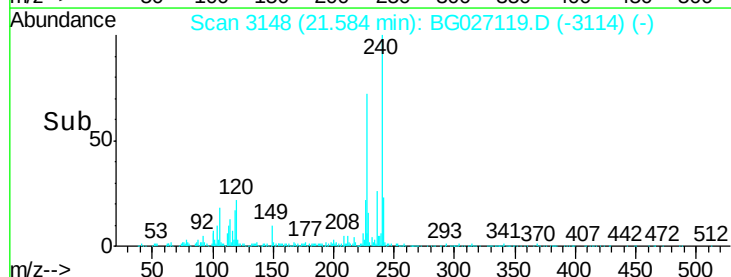


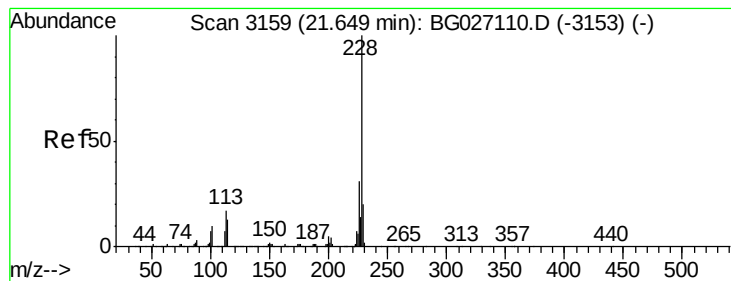
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

Time-->





#21

Chrysene

Concen: 2.34 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

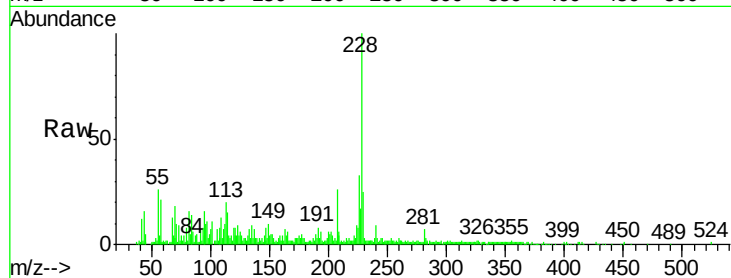
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 108044

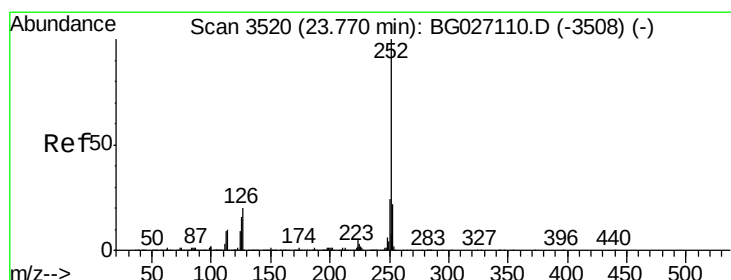
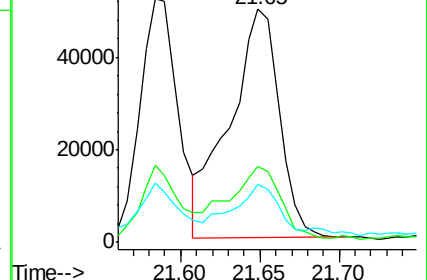
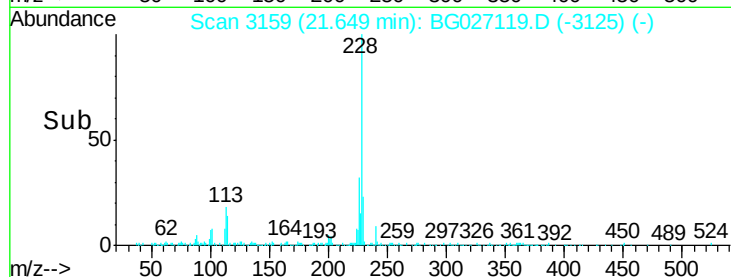
Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.5	36.7
229	24.9	15.8	23.8



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: 4.01 ng/ul

RT: 23.77 min Scan# 3520

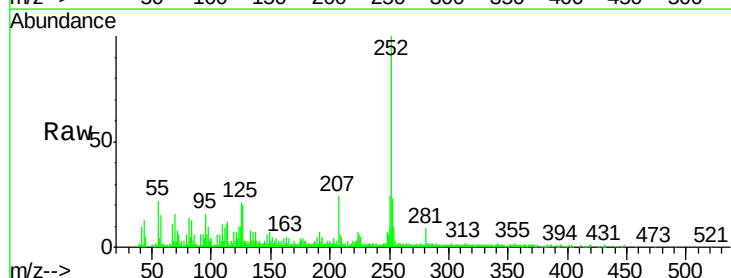
Delta R.T. 0.00 min

Lab File: BG027119.D

Acq: 24 May 2017 7:03

Tgt Ion:252 Resp: 168974

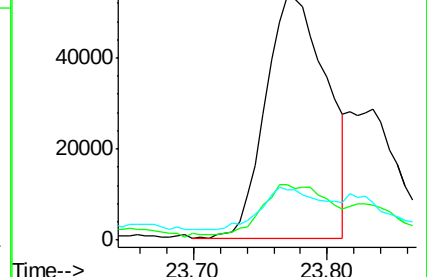
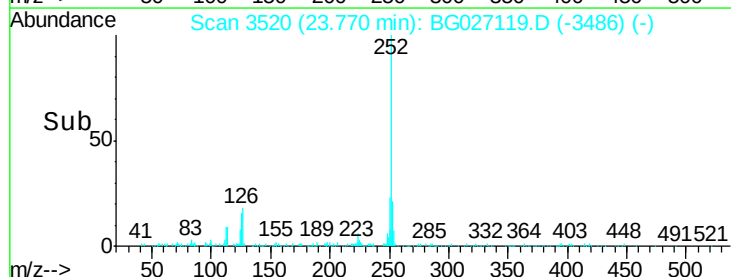
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	20.6	8.0	12.0

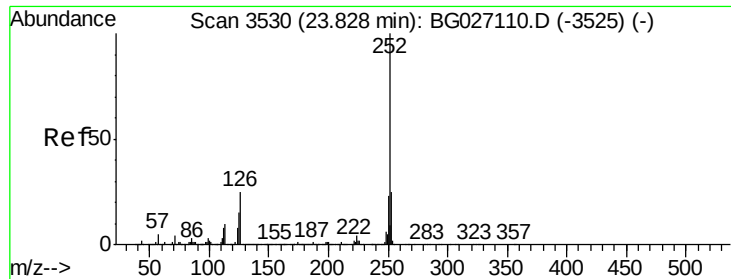


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

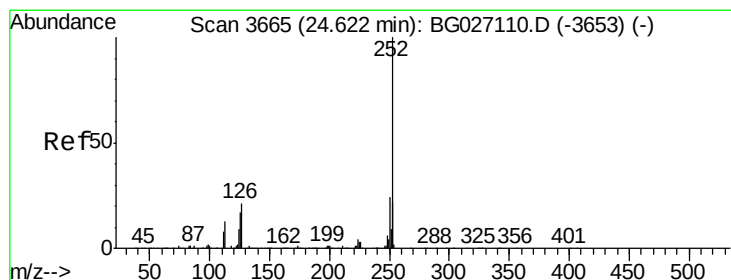
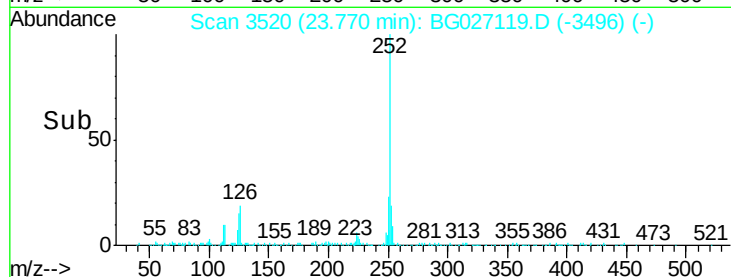
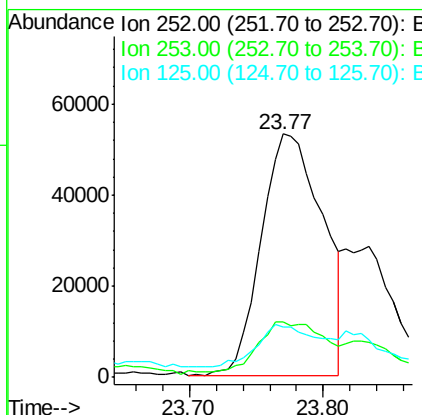
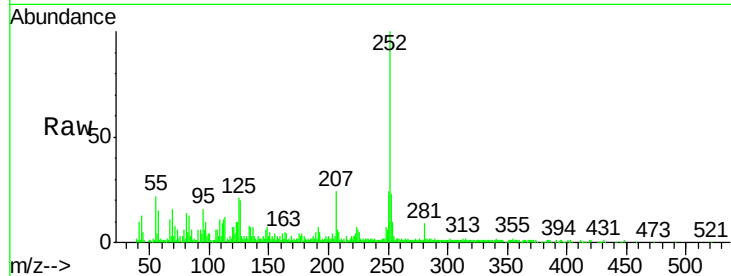




#24
Benzo(k)fluoranthene
Concen: 3.90 ng/ul
RT: 23.77 min Scan# 3520
Delta R.T. -0.06 min
Lab File: BG027119.D
Acq: 24 May 2017 7:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 168974
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 20.6 8.1 12.1#



#26
Benzo(a)pyrene
Concen: 2.19 ng/ul
RT: 24.63 min Scan# 3667
Delta R.T. 0.01 min
Lab File: BG027119.D
Acq: 24 May 2017 7:03

Tgt Ion:252 Resp: 89995
Ion Ratio Lower Upper
252 100
253 25.0 17.2 25.8
125 22.8 8.2 12.4#

