

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052617\
 Data File : BG027141.D
 Acq On : 24 May 2017 23:27
 Operator : SJ/MA
 Sample : I3277-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 25 04:53:56 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	8.01	152	181113	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	881265	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	446868	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	808935	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721948	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	639089	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.32	160	1029187	22.45	ng/ul	0.00
10) Fluorene-d10	15.61	176	656544	21.47	ng/ul	0.00
14) Anthracene-d10	17.45	188	859213	21.79	ng/ul	0.00
18) Pyrene-d10	19.74	212	842696	22.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	713783	22.48	ng/ul	0.00

Target Compounds

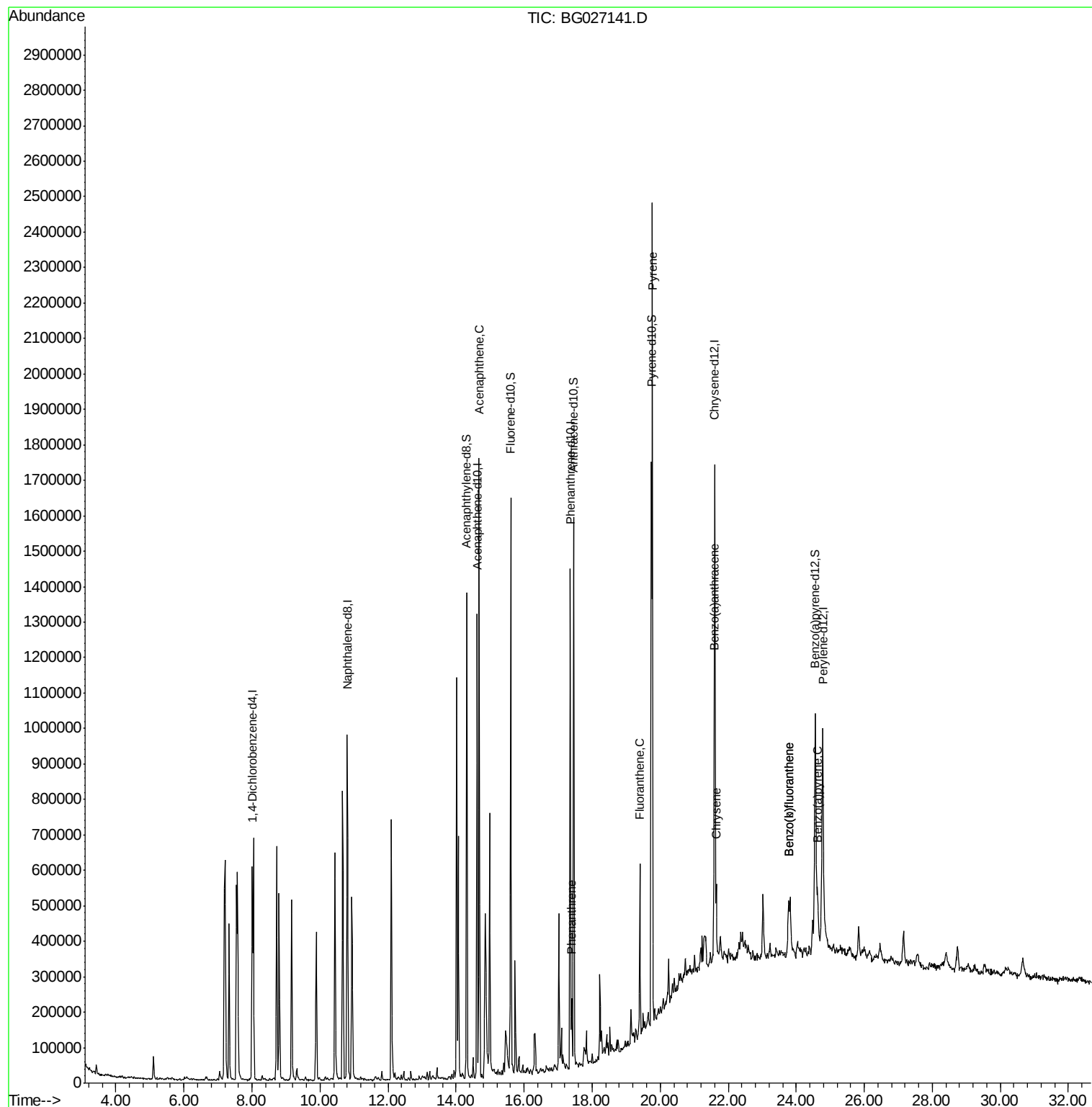
						Ovalue
9) Acenaphthene	14.68	153	741647	23.52	ng/ul	97
13) Phenanthrene	17.39	178	120131	2.66	ng/ul	99
16) Fluoranthene	19.40	202	276057	5.97	ng/ul#	94
19) Pyrene	19.77	202	1313144	27.83	ng/ul#	85
20) Benzo(a)anthracene	21.58	228	137505	3.16	ng/ul	95
21) Chrysene	21.65	228	135066	3.38	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	185538	4.88	ng/ul#	89
24) Benzo(k)fluoranthene	23.78	252	185538	4.75	ng/ul#	89
26) Benzo(a)pyrene	24.63	252	109626	2.95	ng/ul#	83

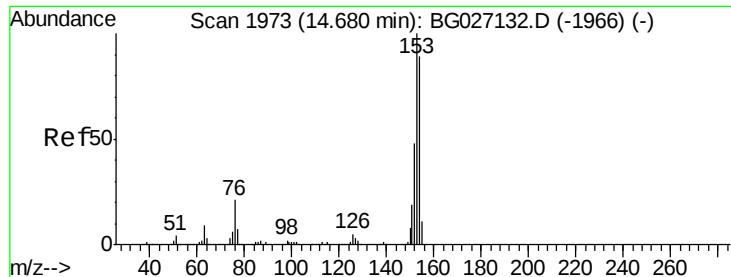
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 25 04:53:56 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





#9

Acenaphthene

Concen: 23.52 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

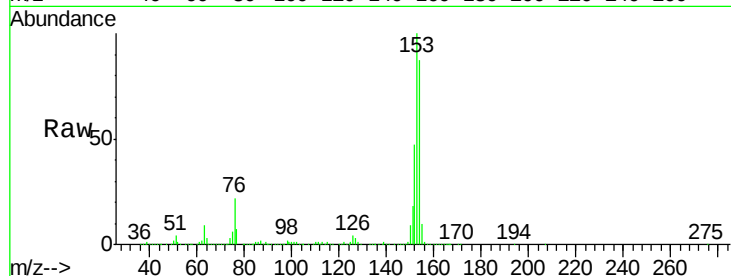
Instrument :

BNA_G

ClientSampleId :

Tot Ion:153 Resp: 741647

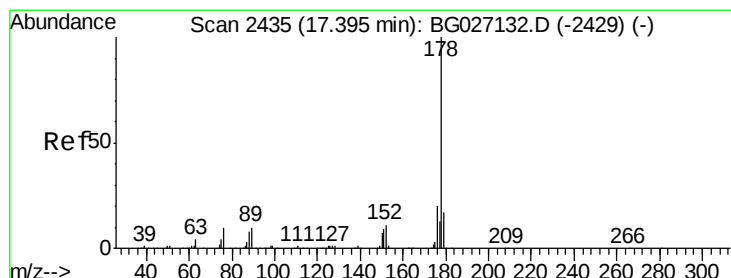
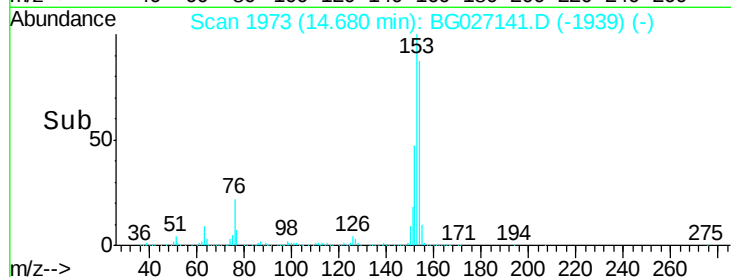
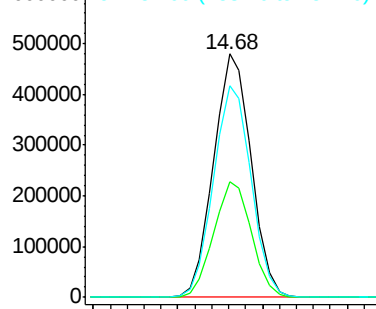
Ion	Ratio	Lower	Upper
153	100		
152	47.5	39.0	58.6
154	87.0	66.8	100.2



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: 2.66 ng/ul

RT: 17.39 min Scan# 2435

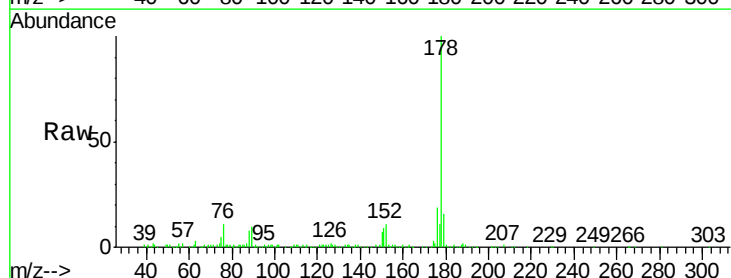
Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Tgt Ion:178 Resp: 120131

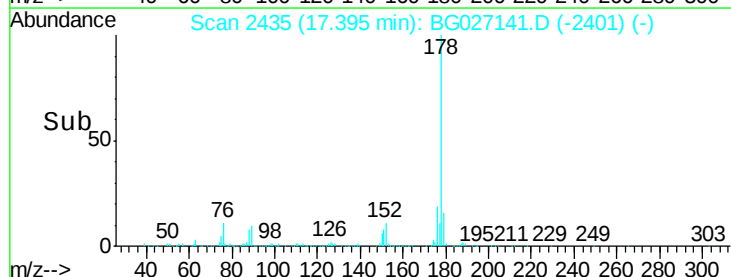
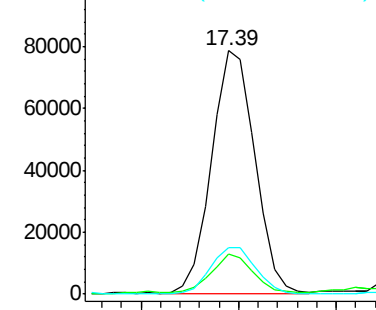
Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.0	15.1	22.7

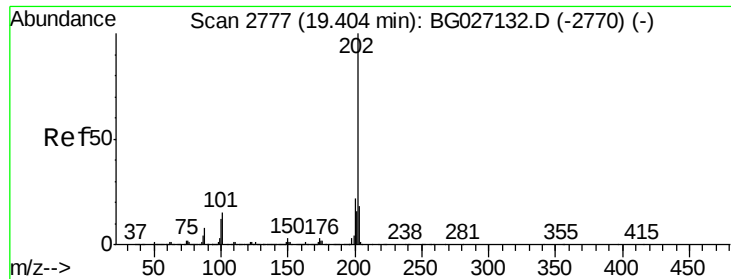


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 5.97 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG027141.D

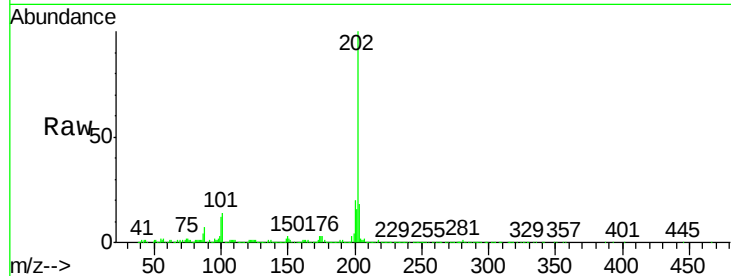
Acq: 24 May 2017 23:27

Instrument :

BNA_G

ClientSampled :

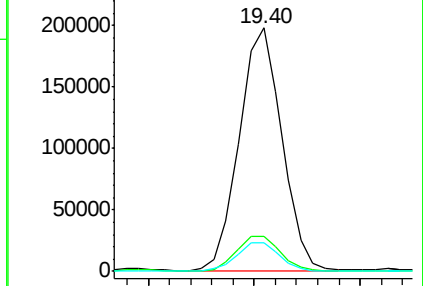
Tot Ion:	202	Resp:	276057
Ion	Ratio	Lower	Upper
202	100		
101	14.4	9.9	14.9
100	11.6	7.4	11.0#



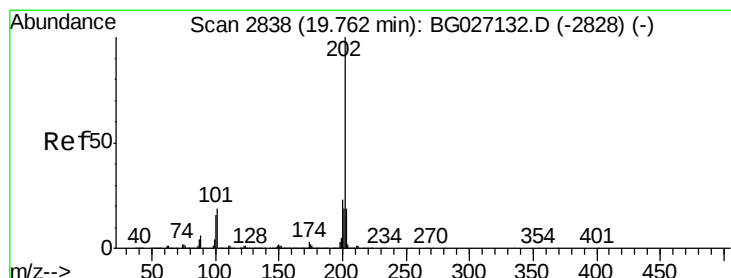
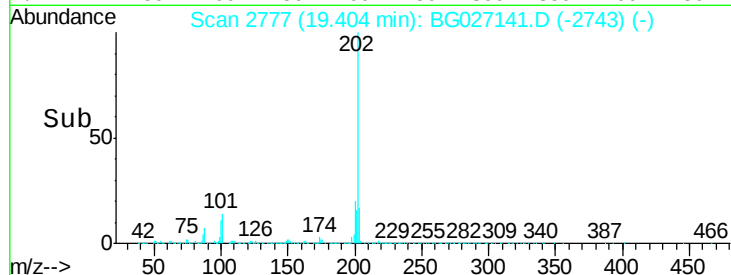
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#19

Pyrene

Concen: 27.83 ng/ul

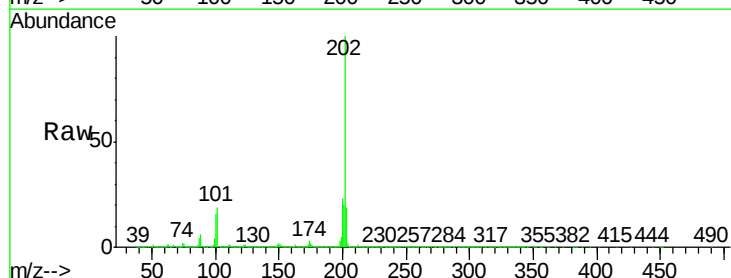
RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

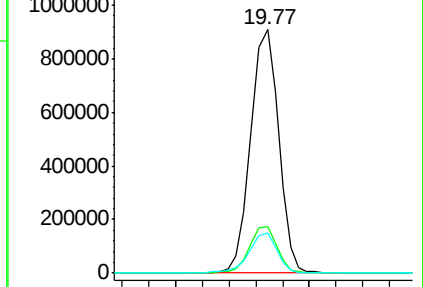
Tgt Ion:	202	Resp:	1313144
Ion	Ratio	Lower	Upper
202	100		
101	19.0	11.0	16.4#
100	16.3	8.1	12.1#



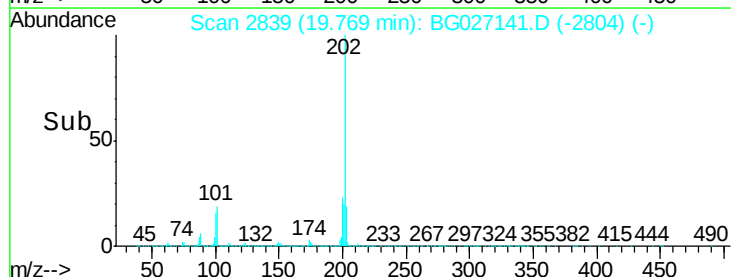
Abundance Ion 202.00 (201.70 to 202.70): E

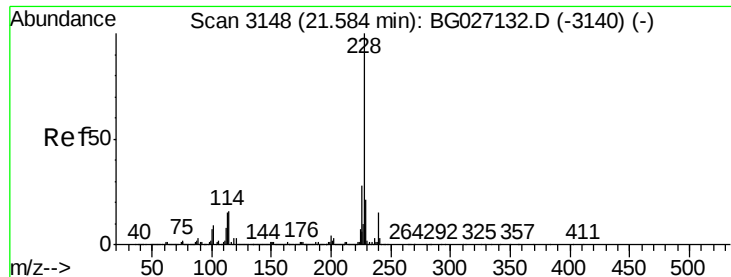
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

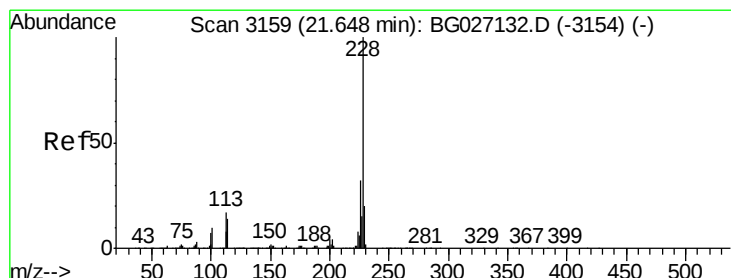
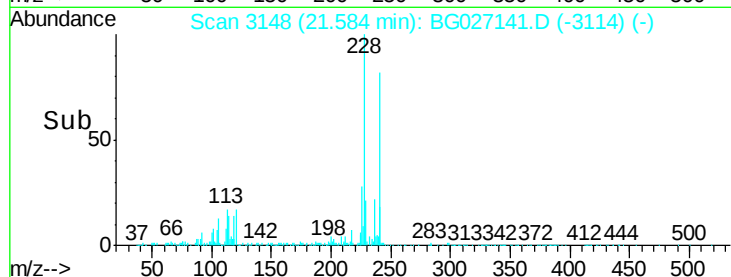
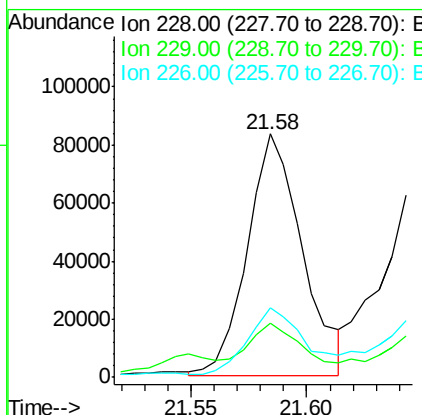
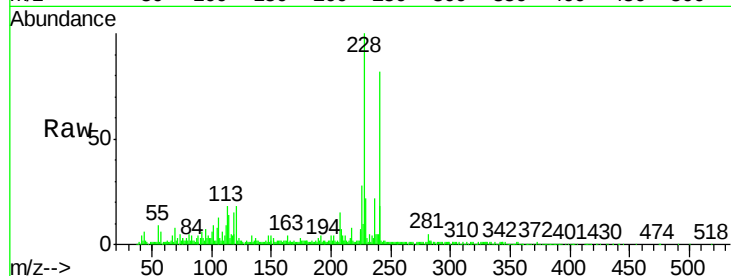




#20
Benzo(a)anthracene
Concen: 3.16 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

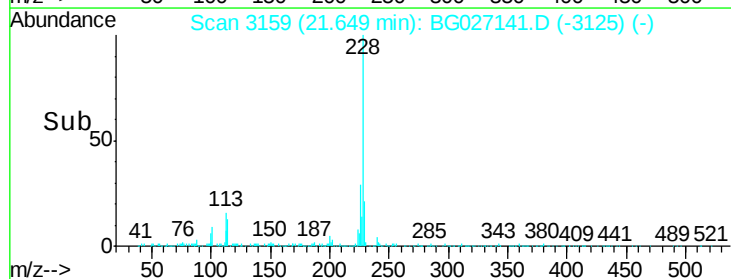
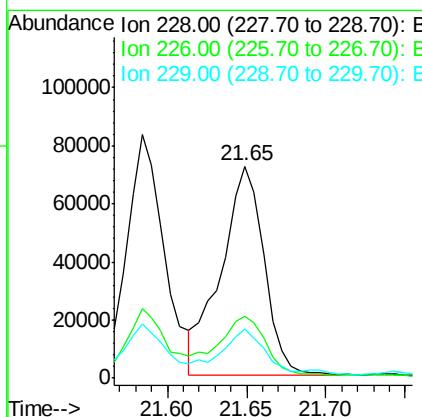
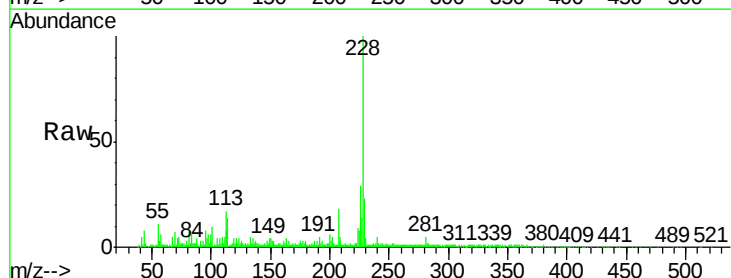
Instrument :
BNA_G
ClientSampleId :

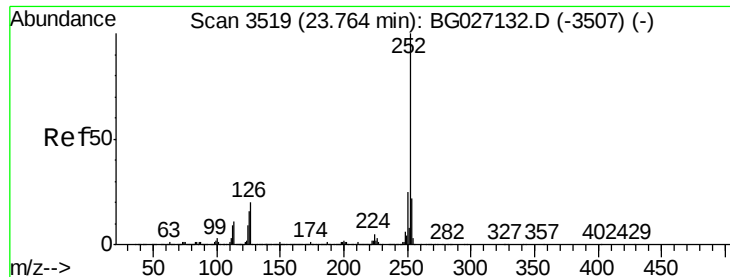
Tot Ion:228 Resp: 137505
Ion Ratio Lower Upper
228 100
229 22.4 15.7 23.5
226 28.4 21.1 31.7



#21
Chrysene
Concen: 3.38 ng/ul
RT: 21.65 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

Tgt Ion:228 Resp: 135066
Ion Ratio Lower Upper
228 100
226 29.4 24.5 36.7
229 23.0 15.8 23.8

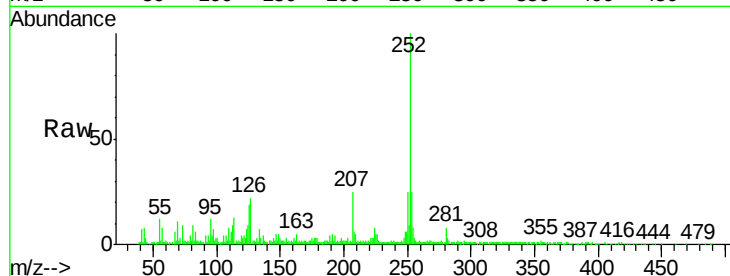




#23
Benzo(b)fluoranthene
Concen: 4.88 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. 0.01 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	19.5	8.0	12.0#

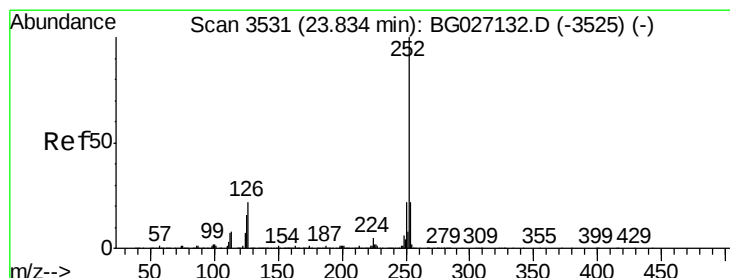
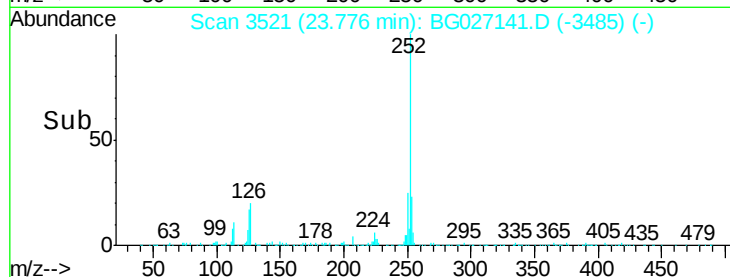
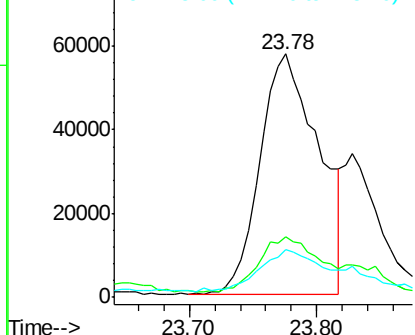


Abundance

Ion 252.00 (251.70 to 252.70): E

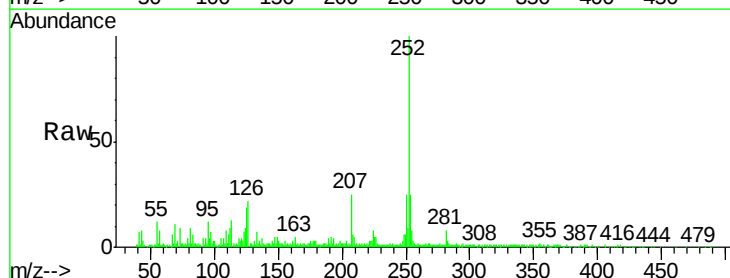
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24
Benzo(k)fluoranthene
Concen: 4.75 ng/ul
RT: 23.78 min Scan# 3521
Delta R.T. -0.06 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.0	27.0
125	19.5	8.1	12.1#

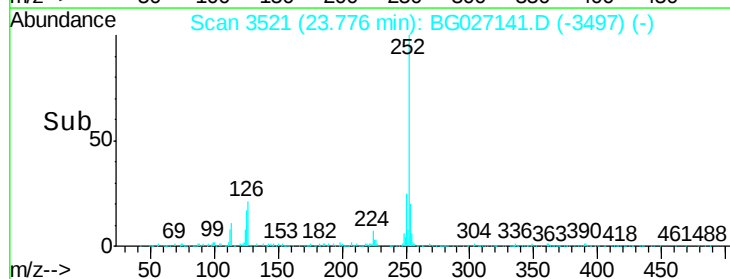
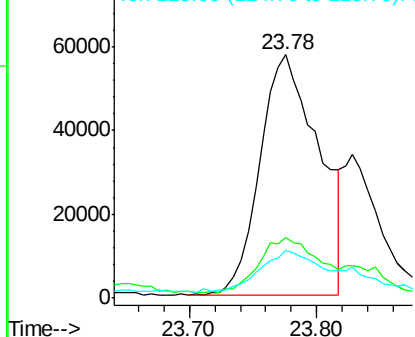


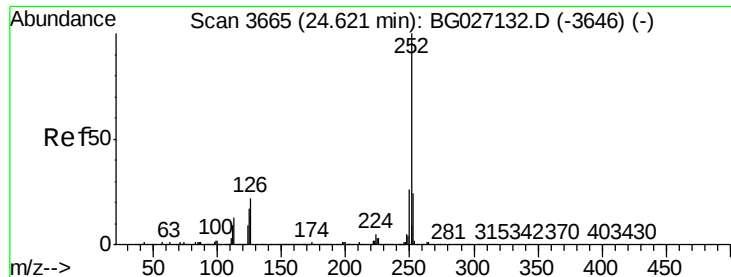
Abundance

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: 2.95 ng/ul

RT: 24.63 min Scan# 3666

Delta R.T. 0.01 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Instrument :

BNA_G

ClientSampleId :

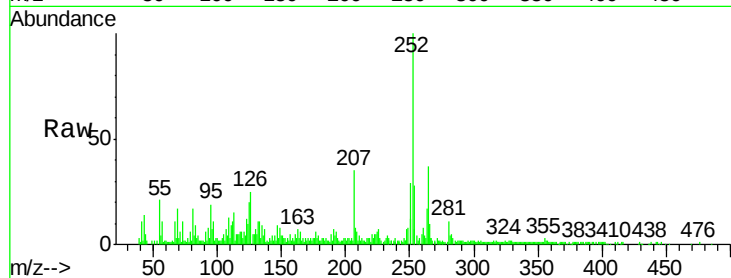
Tot Ion: 252 Resp: 109626

Ion Ratio Lower Upper

252 100

253 27.7 17.2 25.8#

125 19.9 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

