

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100318\
 Data File : BG037126.D
 Acq On : 3 Oct 2018 8:58
 Operator : JU/SJ
 Sample : J5123-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B55

Quant Time: Oct 03 12:20:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG082118MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 23 01:44:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	58246	20.00	ng/ul	-0.04
18) Naphthalene-d8	10.84	136	240390	20.00	ng/ul	-0.04
36) Acenaphthene-d10	14.67	164	140185	20.00	ng/ul	-0.03
62) Phenanthrene-d10	17.41	188	301214	20.00	ng/ul	-0.03
78) Chrysene-d12	21.67	240	332965	20.00	ng/ul	-0.04
86) Perylene-d12	24.88	264	356989	20.00	ng/ul	-0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL
5) Phenol-d5	0.00	99	0	0.00	ng/ul
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul

Target Compounds

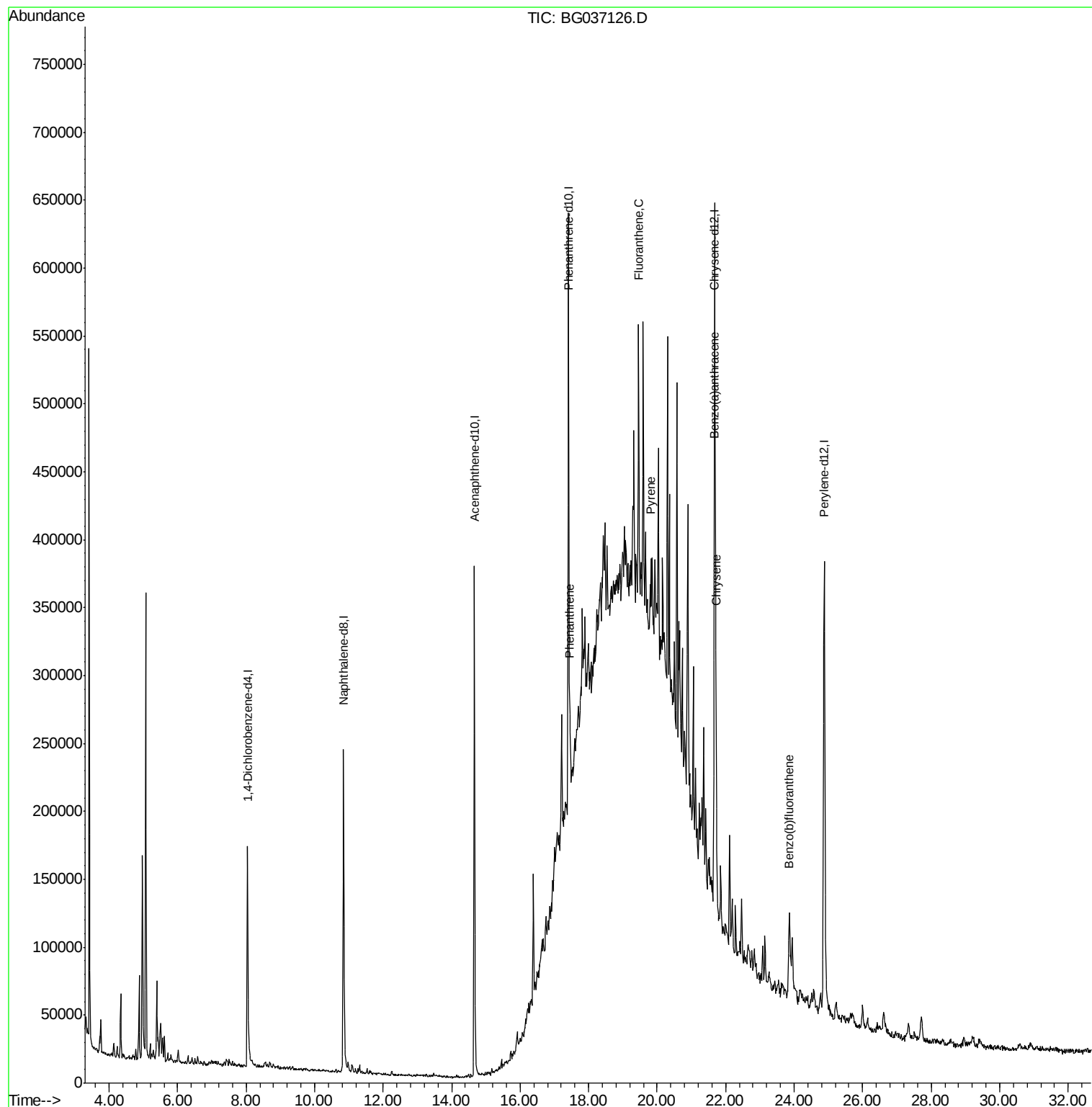
					Qvalue
70) Phenanthrene	17.46	178	33080	2.113 ng/ul#	94
77) Fluoranthene	19.46	202	139132	7.666 ng/ul#	94
80) Pyrene	19.82	202	37330	1.850 ng/ul#	94
83) Benzo(a)anthracene	21.66	228	38397	1.825 ng/ul	98
85) Chrysene	21.72	228	86141	4.464 ng/ul	99
88) Benzo(b)fluoranthene	23.87	252	73539	3.479 ng/ul#	96

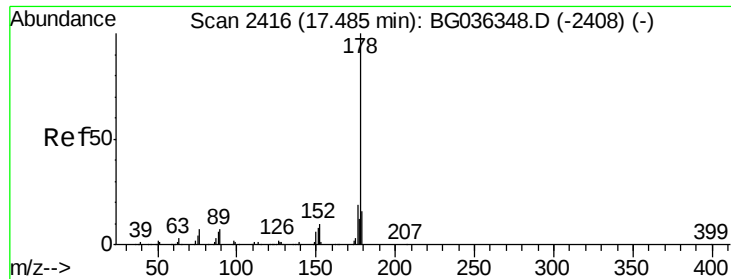
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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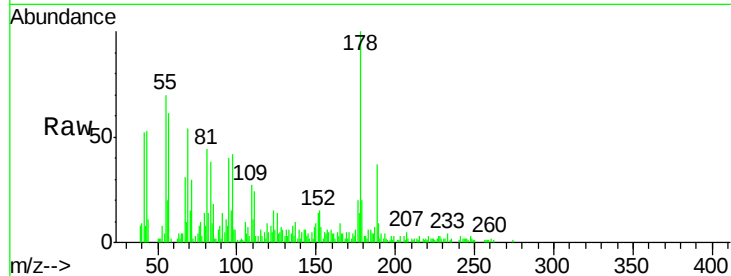




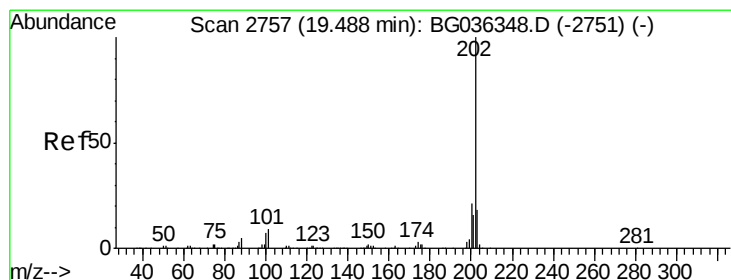
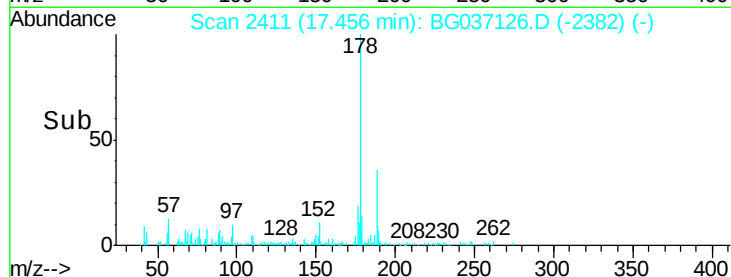
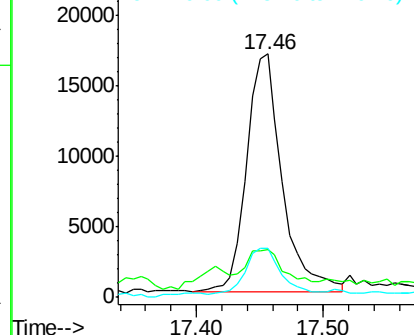
#70
 Phenanthrene
 Concen: 2.113 ng/ul
 RT: 17.46 min Scan# 2411
 Delta R.T. -0.03 min
 Lab File: BG037126.D
 Acq: 3 Oct 2018 8:58

Instrument :
 BNA_G
 ClientSampleId :
 C0B55

Tgt Ion:178 Resp: 33080
 Ion Ratio Lower Upper
 178 100
 179 19.8 12.3 18.5#
 176 20.3 15.4 23.0

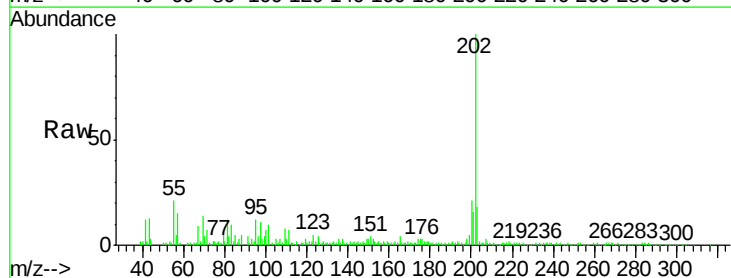


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

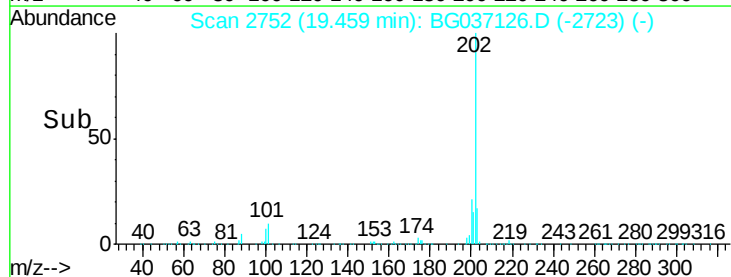
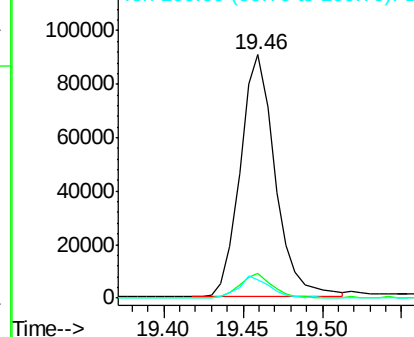


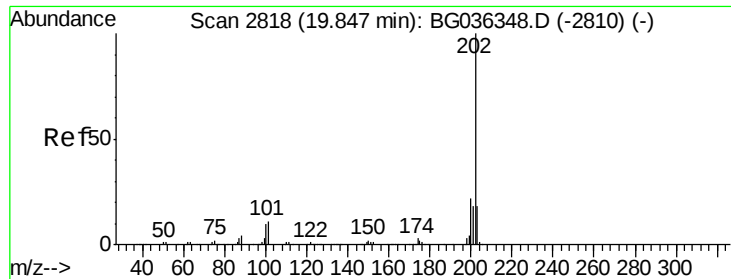
#77
 Fluoranthene
 Concen: 7.666 ng/ul
 RT: 19.46 min Scan# 2752
 Delta R.T. -0.03 min
 Lab File: BG037126.D
 Acq: 3 Oct 2018 8:58

Tgt Ion:202 Resp: 139132
 Ion Ratio Lower Upper
 202 100
 101 10.2 6.1 9.1#
 100 7.4 4.6 7.0#



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

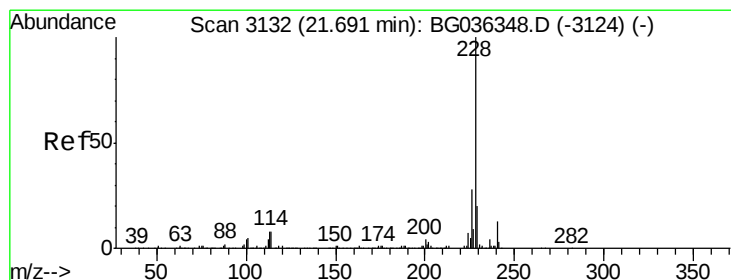
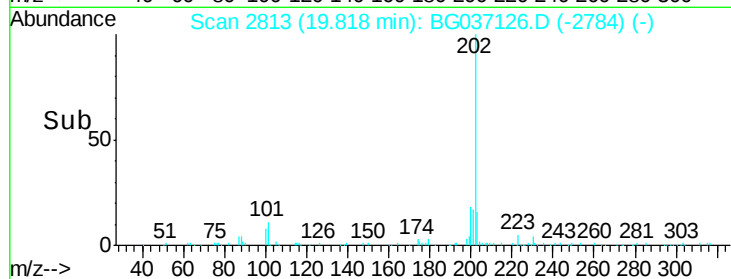
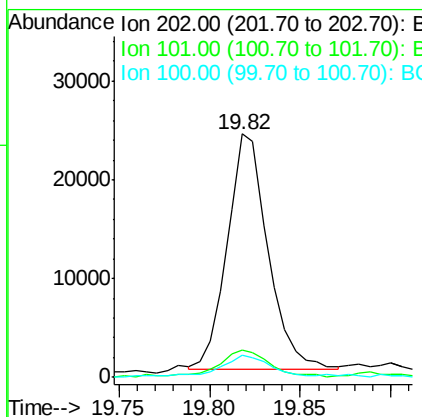
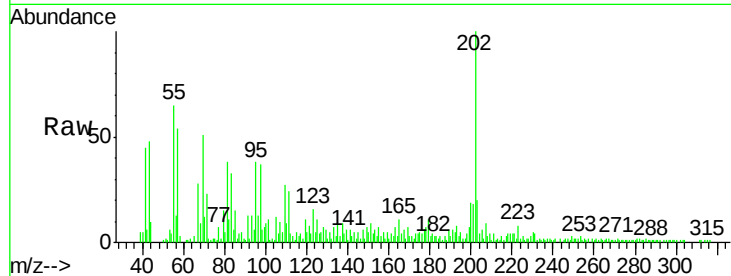




#80
 Pyrene
 Concen: 1.850 ng/ul
 RT: 19.82 min Scan# 2813
 Delta R.T. -0.03 min
 Lab File: BG037126.D
 Acq: 3 Oct 2018 8:58

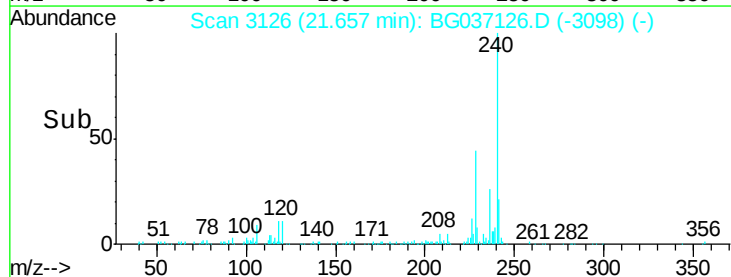
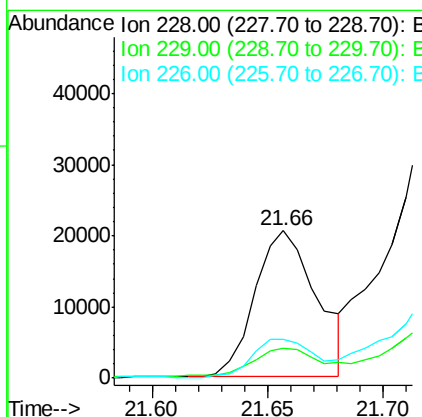
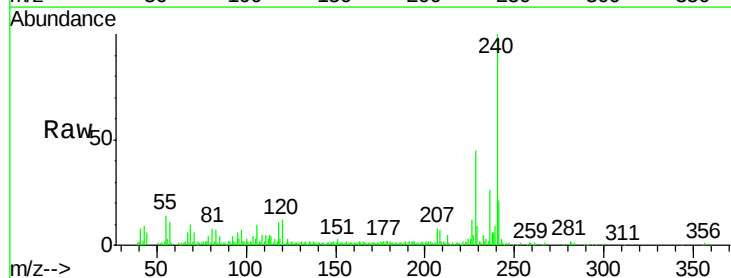
Instrument :
 BNA_G
 ClientSampleId :
 C0B55

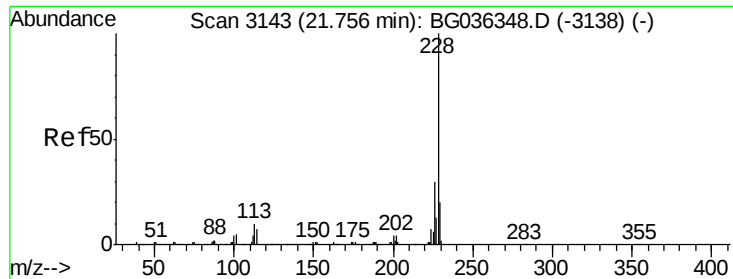
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	6.9	10.3#
100	9.0	5.6	8.4#



#83
 Benzo(a)anthracene
 Concen: 1.825 ng/ul
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.03 min
 Lab File: BG037126.D
 Acq: 3 Oct 2018 8:58

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	26.1	21.8	32.8





#85

Chrysene

Concen: 4.464 ng/ul

RT: 21.72 min Scan# 3137

Delta R.T. -0.03 min

Lab File: BG037126.D

Acq: 3 Oct 2018 8:58

Instrument :

BNA_G

ClientSampleId :

C0B55

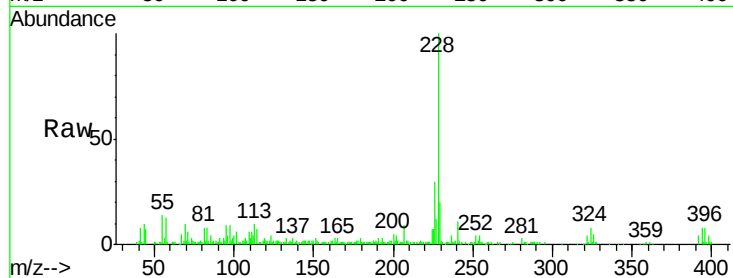
Tgt Ion:228 Resp: 86141

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

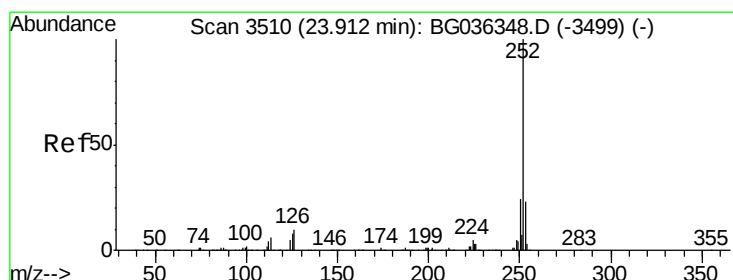
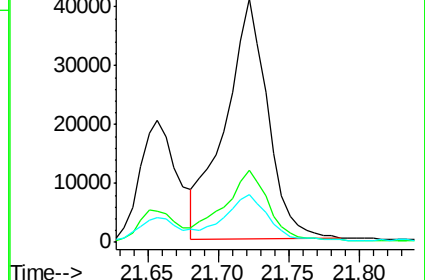
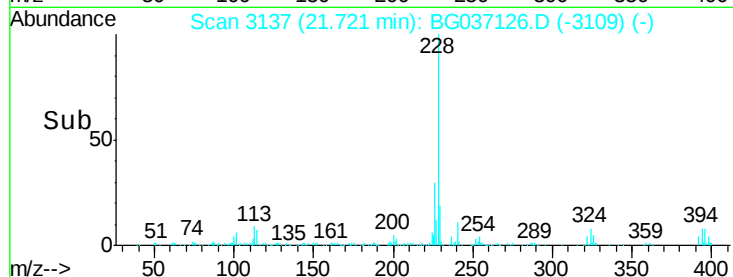
229 19.6 16.0 24.0



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



#88

Benzo(b)fluoranthene

Concen: 3.479 ng/ul

RT: 23.87 min Scan# 3502

Delta R.T. -0.05 min

Lab File: BG037126.D

Acq: 3 Oct 2018 8:58

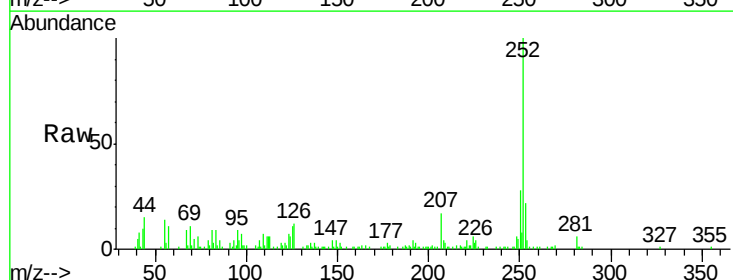
Tgt Ion:252 Resp: 73539

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

125 10.8 4.9 7.3#



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

