

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018375.D
 Acq On : 11 Aug 2015 4:32
 Operator : UM/MA
 Sample : G3154-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Y3

Quant Time: Aug 11 05:16:36 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 11 01:39:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	100336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	497644	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	325297	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	704868	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	640851	20.00	ng/ul	0.01
86) Perylene-d12	24.91	264	653202	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	7015	3.09	ng/uL	0.00
5) Phenol-d5	7.20	99	154356	16.95	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.36	67	96563	17.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	116040	16.64	ng/ul	0.01
13) 4-Methylphenol-d8	8.74	113	124265	16.24	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	58111	14.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	57436	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	112659	13.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	105425	11.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	378060	13.81	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	321474	9.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	30939	6.28	ng/ul	0.01
58) Fluorene-d10	15.66	176	201474	8.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.77	200	8001	2.31	ng/ul	0.01
71) Anthracene-d10	17.51	188	228665	6.78	ng/ul	0.00
79) Pyrene-d10	19.79	212	167224	5.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	99497	2.87	ng/ul	0.02

Target Compounds

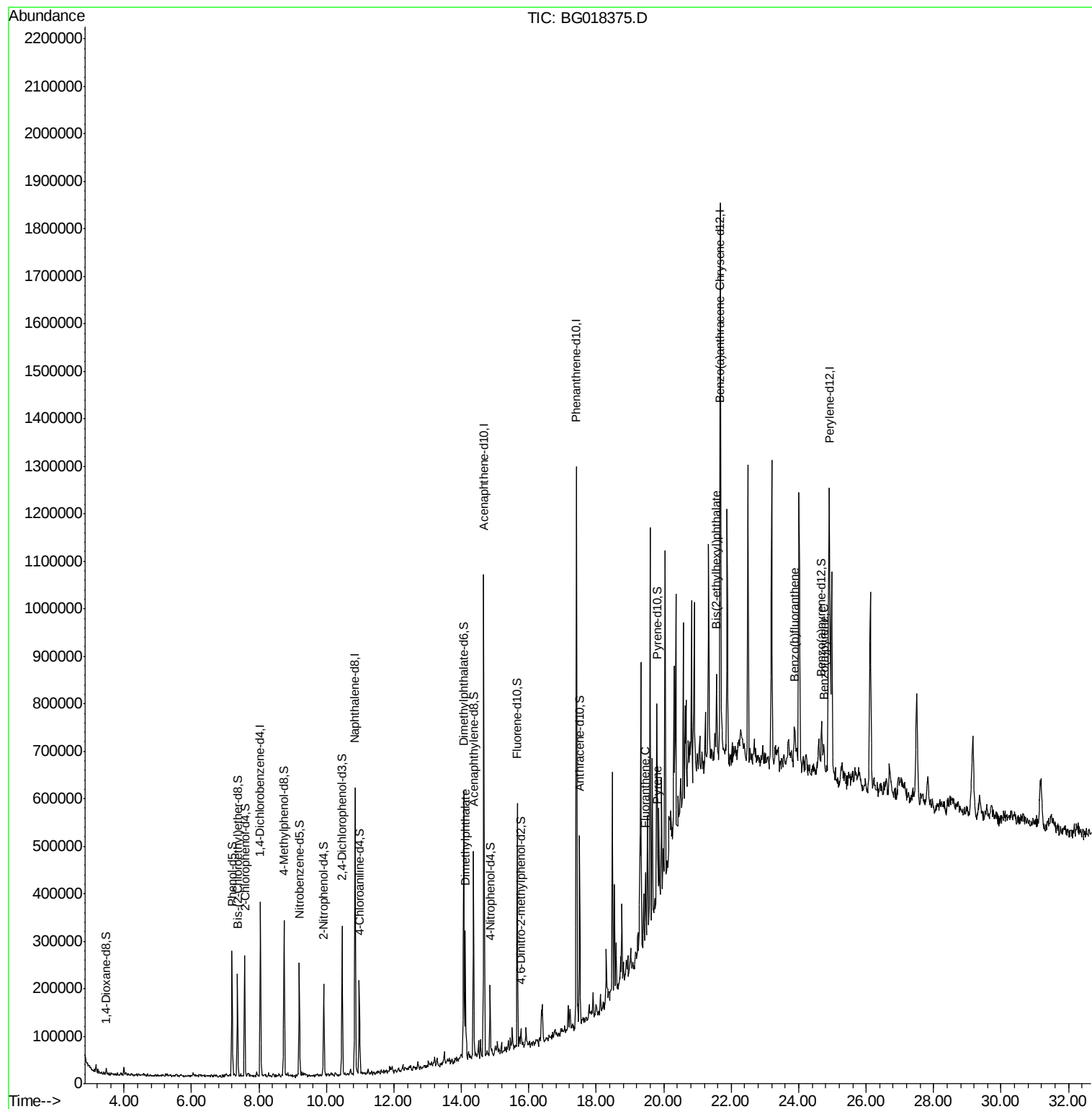
						Qvalue
45) Dimethylphthalate	14.11	163	166963	6.18	ng/ul	99
77) Fluoranthene	19.46	202	76829	1.88	ng/ul	99
80) Pyrene	19.82	202	72073	1.66	ng/ul	99
83) Benzo(a)anthracene	21.66	228	43354	1.09	ng/ul#	84
84) Bis(2-ethylhexyl)phthalate	21.57	149	68761	2.66	ng/ul	97
88) Benzo(b)fluoranthene	23.88	252	80123	1.95	ng/ul#	89
91) Benzo(a)pyrene	24.75	252	51054	1.31	ng/ul#	71

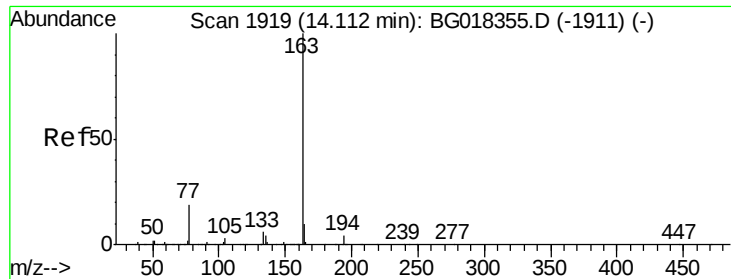
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.18 ng/ul

RT: 14.11 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG018375.D

Acq: 11 Aug 2015 4:32

Instrument :

BNA_G

ClientSampleId :

C01Y3

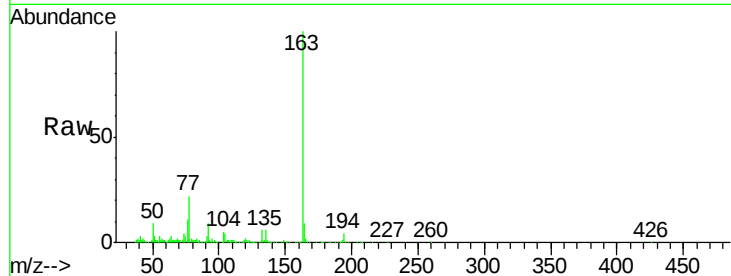
Tgt Ion:163 Resp: 166963

Ion Ratio Lower Upper

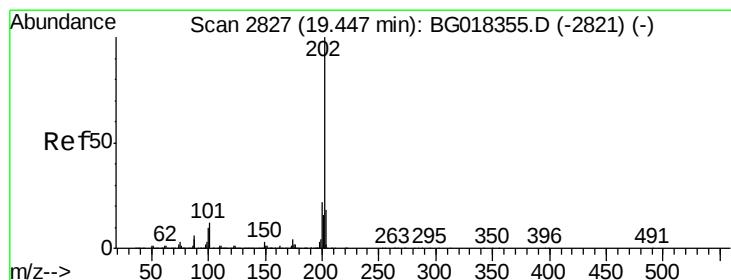
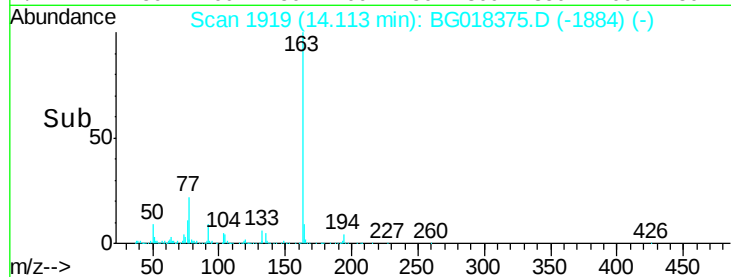
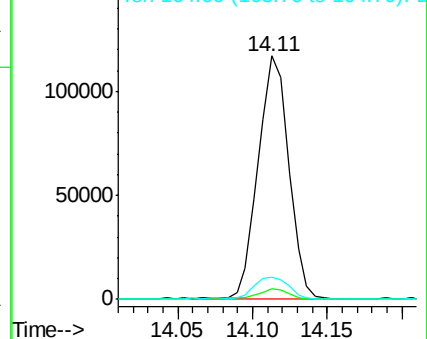
163 100

194 4.2 2.9 4.3

164 9.3 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#77

Fluoranthene

Concen: 1.88 ng/ul

RT: 19.46 min Scan# 2829

Delta R.T. 0.01 min

Lab File: BG018375.D

Acq: 11 Aug 2015 4:32

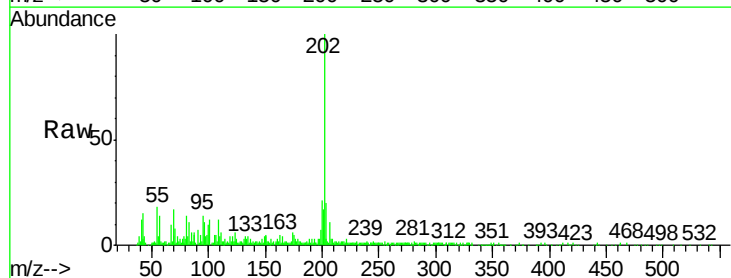
Tgt Ion:202 Resp: 76829

Ion Ratio Lower Upper

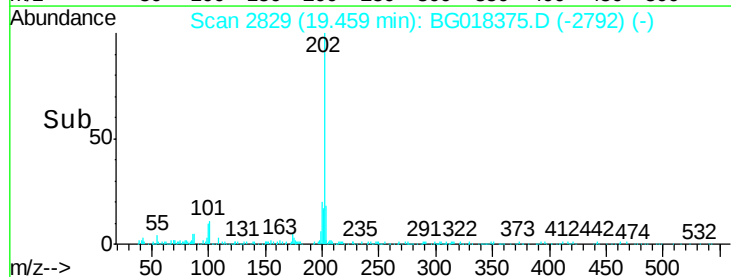
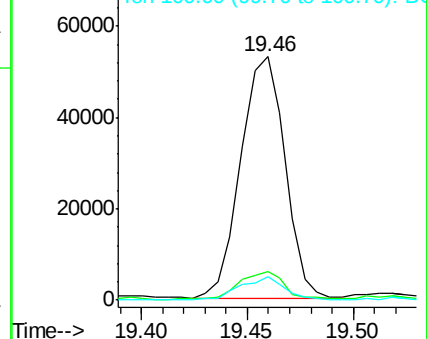
202 100

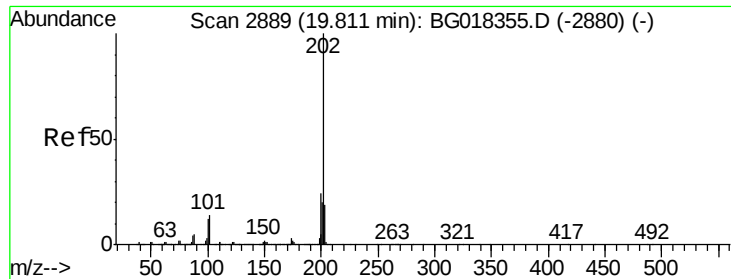
101 11.6 9.7 14.5

100 9.6 7.8 11.8



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

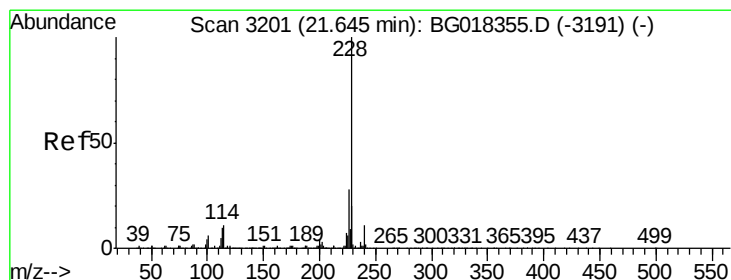
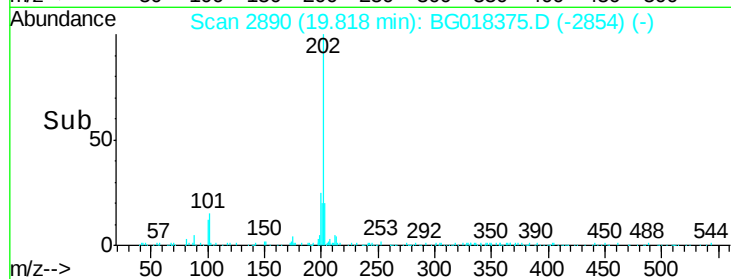
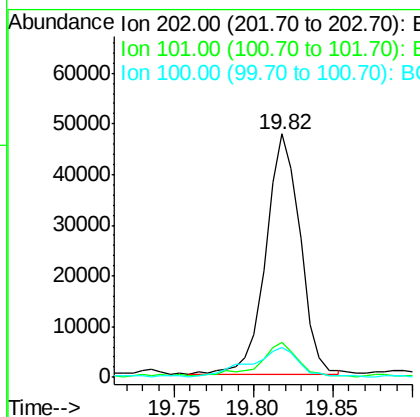
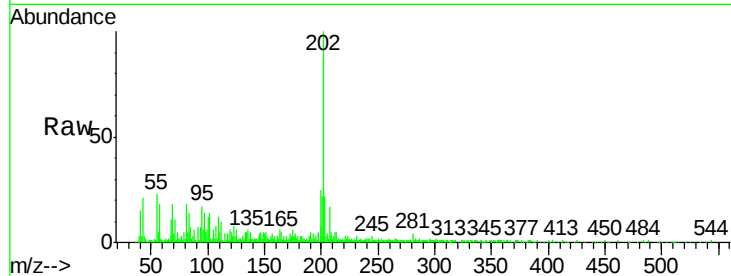




#80
 Pyrene
 Concen: 1.66 ng/ul
 RT: 19.82 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BG018375.D
 Acq: 11 Aug 2015 4:32

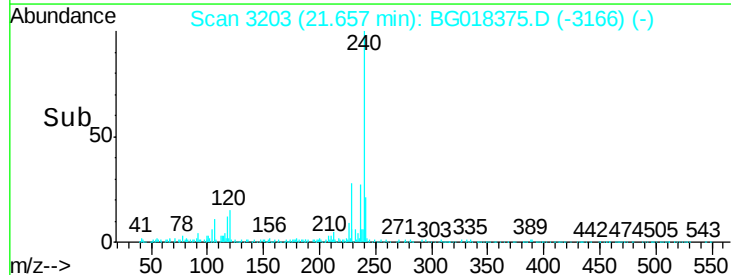
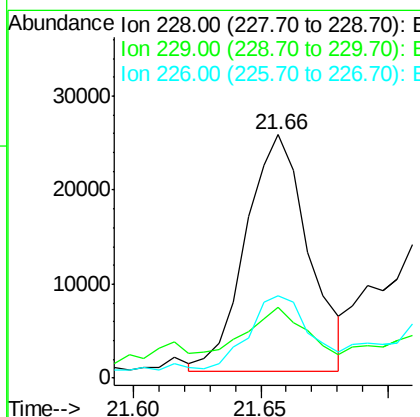
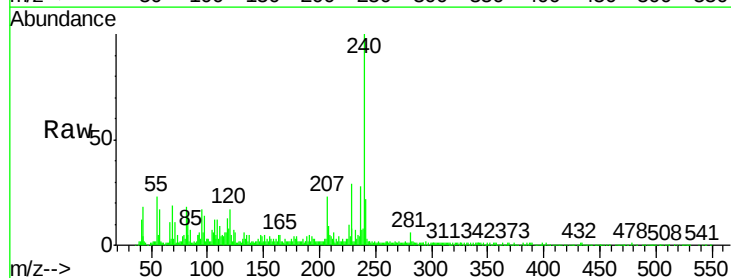
Instrument :
 BNA_G
 ClientSampleId :
 C01Y3

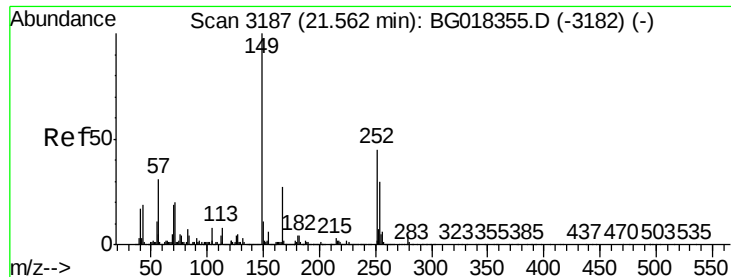
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.0	16.4
100	12.5	9.8	14.6



#83
 Benzo(a)anthracene
 Concen: 1.09 ng/ul
 RT: 21.66 min Scan# 3203
 Delta R.T. 0.01 min
 Lab File: BG018375.D
 Acq: 11 Aug 2015 4:32

Tgt Ion	Ratio	Lower	Upper
228	100		
229	28.8	15.5	23.3#
226	33.9	22.1	33.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.66 ng/ul

RT: 21.57 min Scan# 3188

Delta R.T. 0.01 min

Lab File: BG018375.D

Acq: 11 Aug 2015 4:32

Instrument :

BNA_G

ClientSampleId :

C01Y3

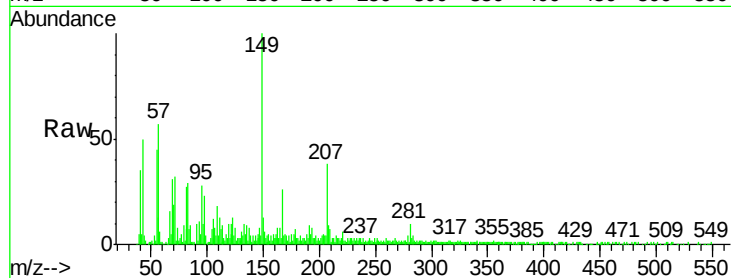
Tgt Ion:149 Resp: 68761

Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

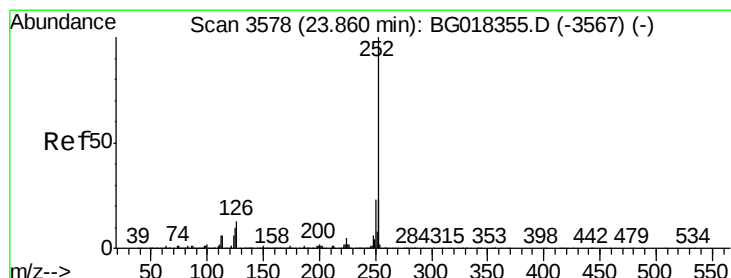
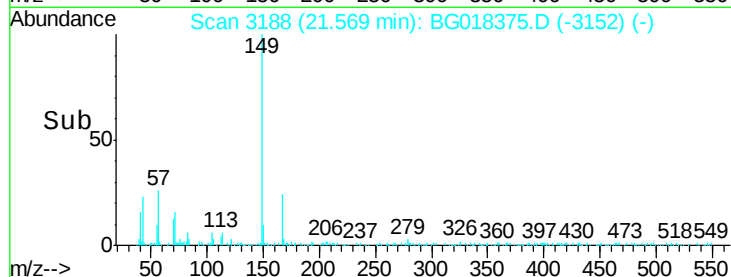
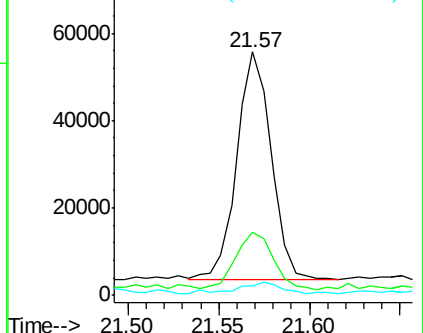
279 3.9 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#88

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

RT: 23.88 min Scan# 3581

Delta R.T. 0.03 min

Lab File: BG018375.D

Acq: 11 Aug 2015 4:32

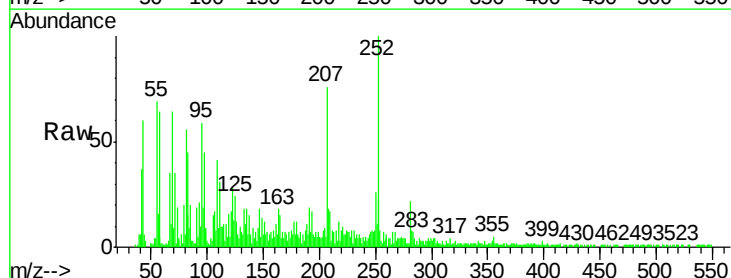
Tgt Ion:252 Resp: 80123

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

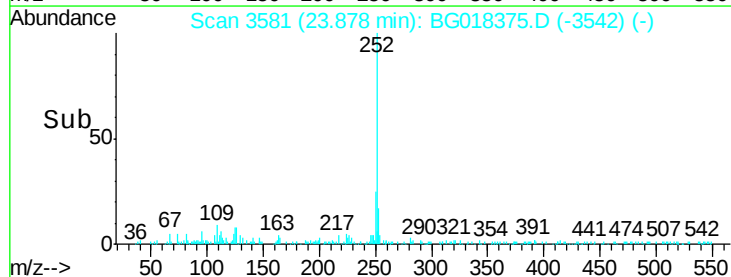
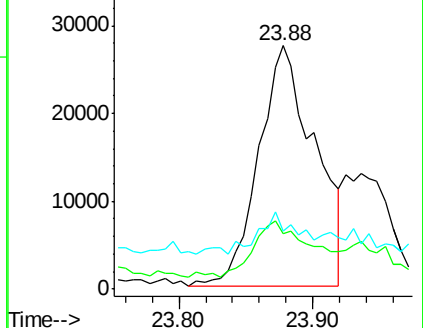
125 23.6 8.3 12.5#

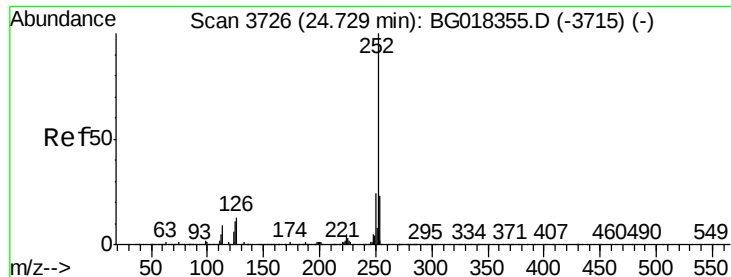


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.31 ng/ul

RT: 24.75 min Scan# 3730

Delta R.T. 0.03 min

Lab File: BG018375.D

Acq: 11 Aug 2015 4:32

Instrument :

BNA_G

ClientSampleId :

C01Y3

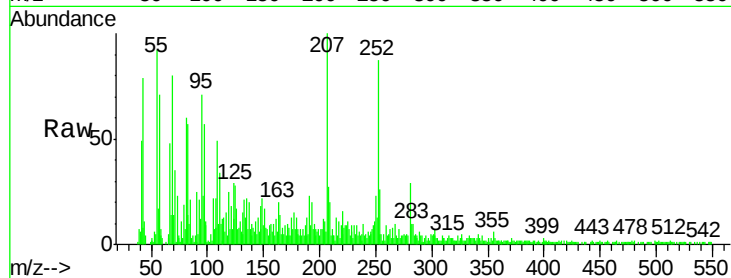
Tgt Ion: 252 Resp: 51054

Ion Ratio Lower Upper

252 100

253 30.1 17.7 26.5#

125 32.4 10.2 15.2#



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

