

Data Path : Z:\HPCHEM1\BNA G\DATA\BG073115\
 Data File : BG018201.D
 Acq On : 1 Aug 2015 3:28
 Operator : TP/UM
 Sample : G3065-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 01 07:11:17 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 01 07:09:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	40466	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	226000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	162163	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.91	188	298203	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	315690	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	346047	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	1234	2.30	ng/uL	0.00
5) Phenol-d5	6.67	99	49488	13.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	25132	13.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	38064	13.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	38641	13.04	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	21787	12.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	23364	11.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	42976	11.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	21458	4.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	149399	11.92	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	163810	11.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	6176	2.66	ng/ul	0.00
58) Fluorene-d10	15.15	176	117983	10.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	10907	5.24	ng/ul	0.00
71) Anthracene-d10	17.01	188	151391	11.68	ng/ul	0.00
79) Pyrene-d10	19.32	212	149983	9.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	185072	10.58	ng/ul	0.01

Target Compounds

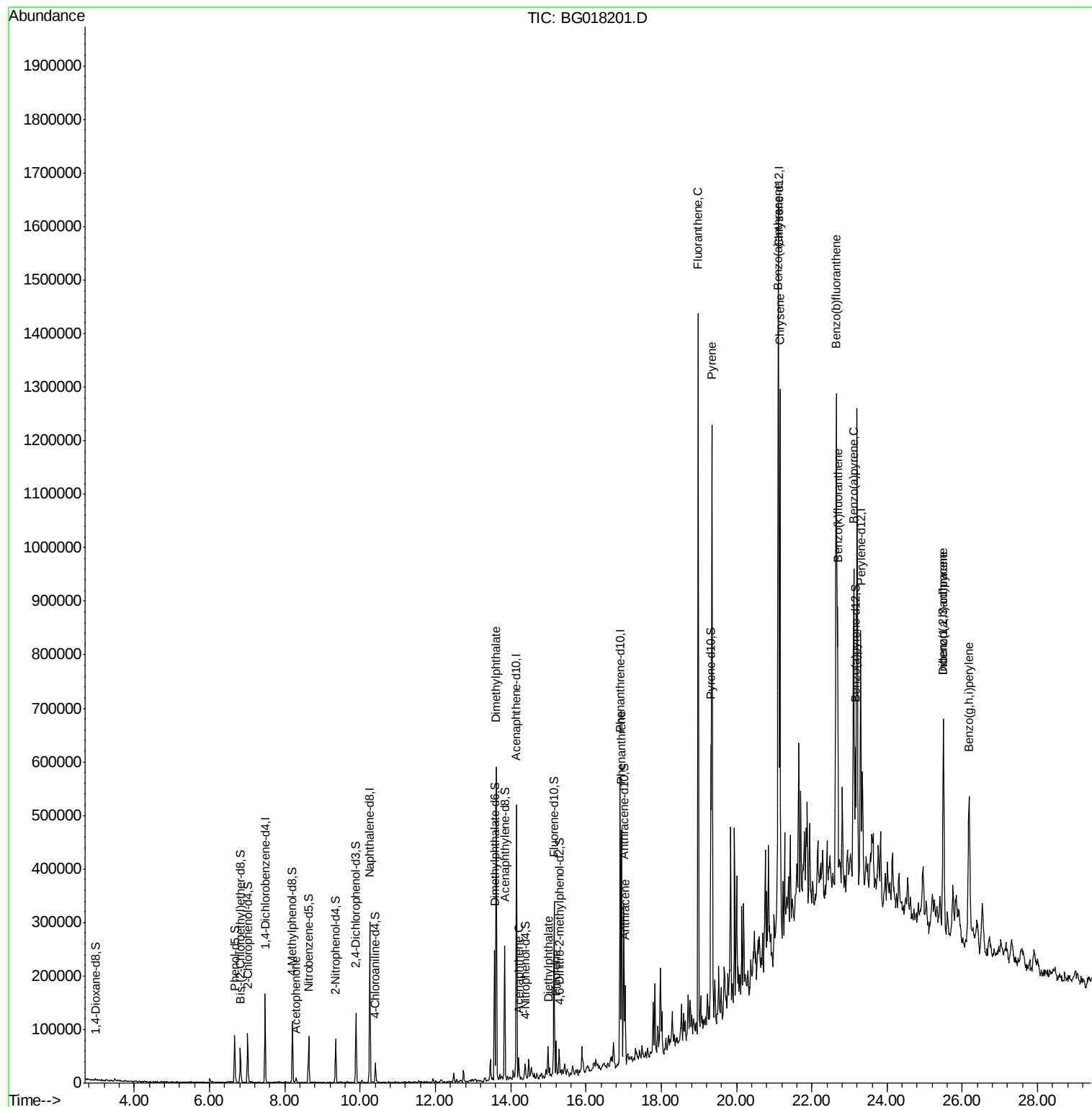
						Ovalue
14) Acetophenone	8.30	105	5339	1.16	ng/ul#	95
45) Dimethylphthalate	13.62	163	331676	26.60	ng/ul	99
50) Acenaphthene	14.22	153	13714	1.46	ng/ul	87
57) Diethylphthalate	14.99	149	27368	2.12	ng/ul	96
59) Fluorene	15.21	166	19836	1.62	ng/ul	95
70) Phenanthrene	16.95	178	236310	15.60	ng/ul	98
72) Anthracene	17.04	178	84945	5.64	ng/ul	99
77) Fluoranthene	18.98	202	692225	41.60	ng/ul	99
80) Pvrene	19.35	202	644308	33.65	ng/ul	99
83) Benzo(a)anthracene	21.10	228	560776	32.99	ng/ul	97
85) Chrysene	21.16	228	536817	34.47	ng/ul	96
88) Benzo(b)fluoranthene	22.65	252	762714	36.69	ng/ul#	98
89) Benzo(k)fluoranthene	22.68	252	287666	15.06	ng/ul#	95
91) Benzo(a)pyrene	23.11	252	424811	22.84	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.50	276	366929	17.05	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.49	278	117085	6.35	ng/ul#	91
94) Benzo(g,h,i)perylene	26.18	276	359582	20.46	ng/ul#	93

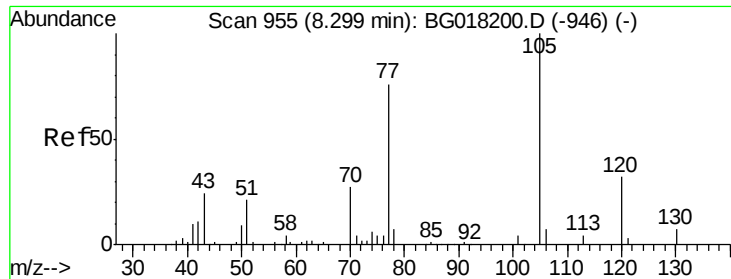
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.16 ng/ul

RT: 8.30 min Scan# 955

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :

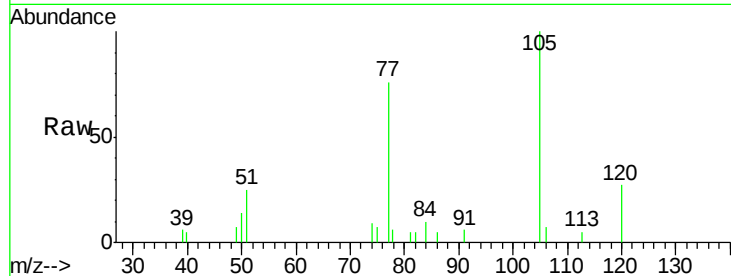
Tot Ion:105 Resp: 5339

Ion Ratio Lower Upper

105 100

77 75.8 58.4 87.6

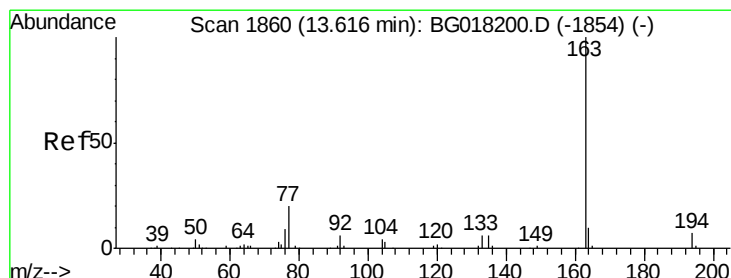
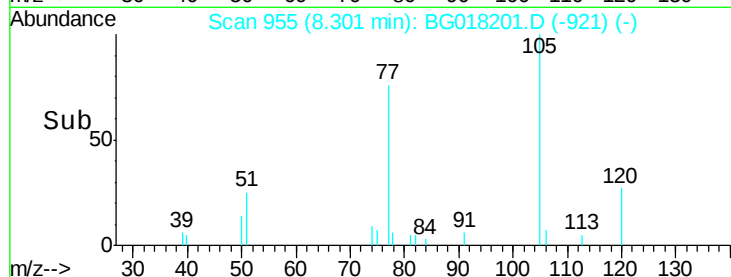
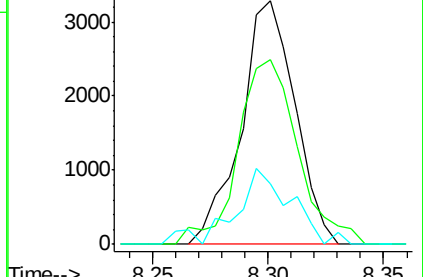
51 24.8 16.5 24.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#45

Dimethylphthalate

Concen: 26.60 ng/ul

RT: 13.62 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

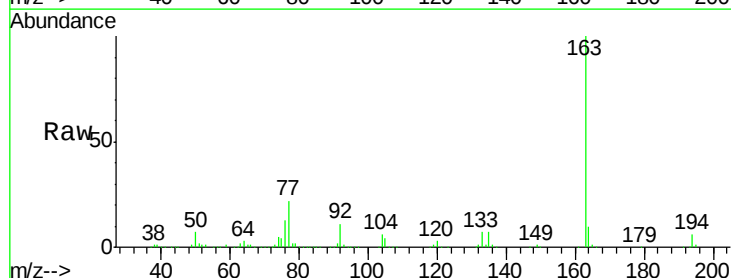
Tgt Ion:163 Resp: 331676

Ion Ratio Lower Upper

163 100

194 6.4 5.2 7.8

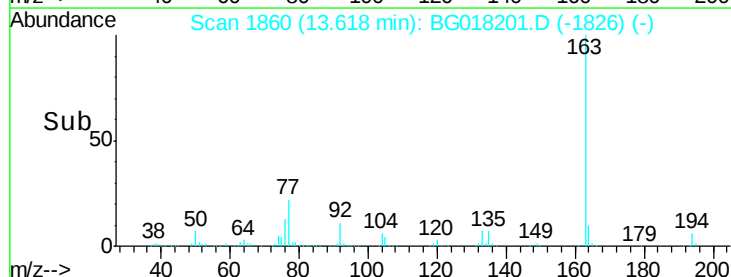
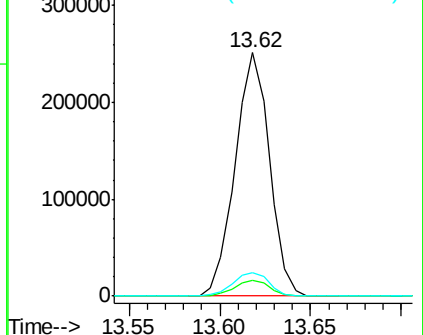
164 9.9 8.4 12.6

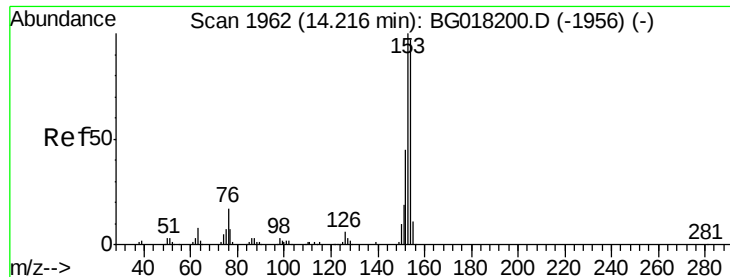


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 1.46 ng/ul

RT: 14.22 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampled :

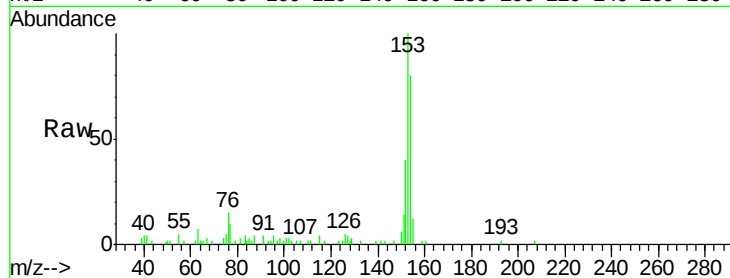
Tot Ion:153 Resp: 13714

Ion Ratio Lower Upper

153 100

152 40.5 38.7 58.1

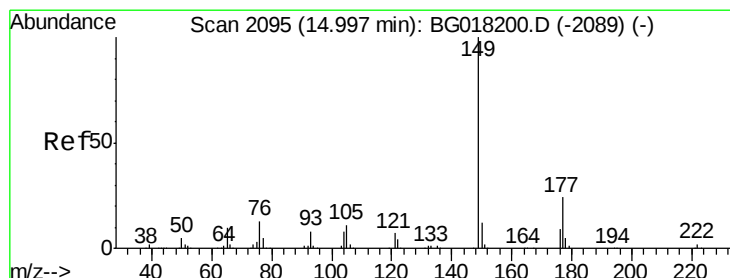
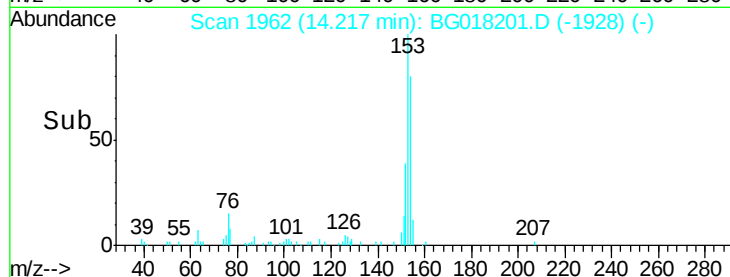
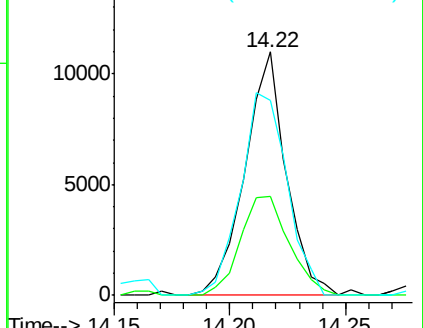
154 80.2 74.8 112.2



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



#57

Diethylphthalate

Concen: 2.12 ng/ul

RT: 14.99 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

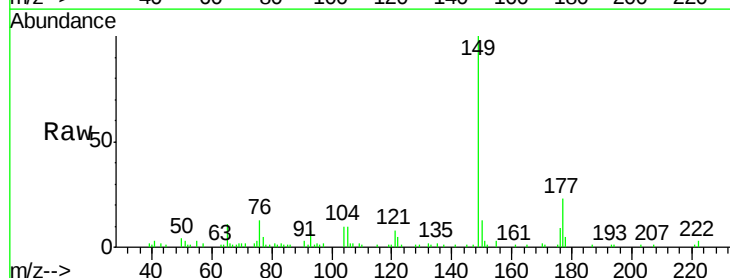
Tgt Ion:149 Resp: 27368

Ion Ratio Lower Upper

149 100

177 22.6 20.1 30.1

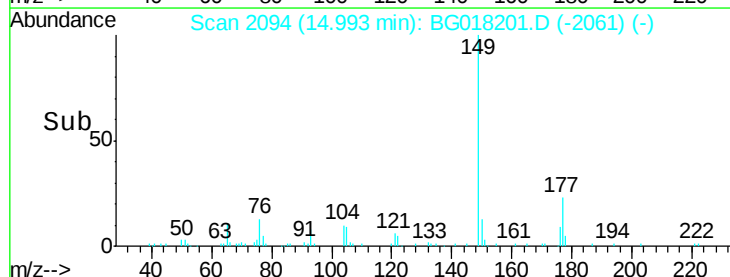
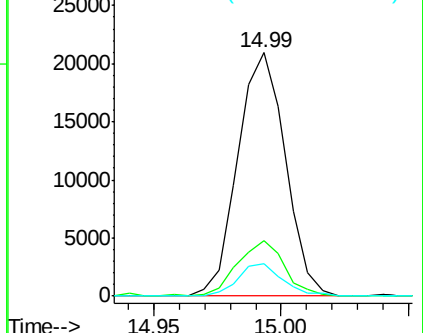
150 13.3 10.0 15.0

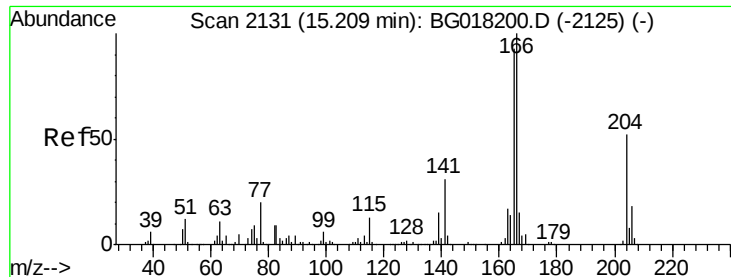


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 1.62 ng/ul

RT: 15.21 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :

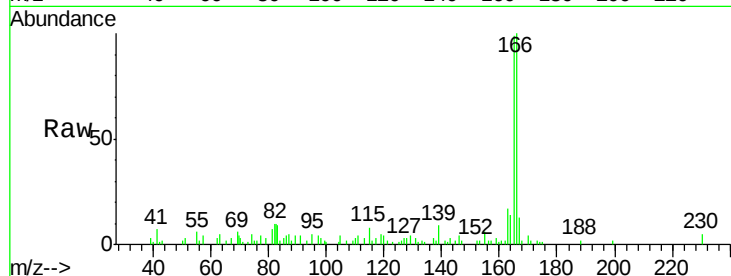
Tot Ion:166 Resp: 19836

Ion Ratio Lower Upper

166 100

165 98.7 75.1 112.7

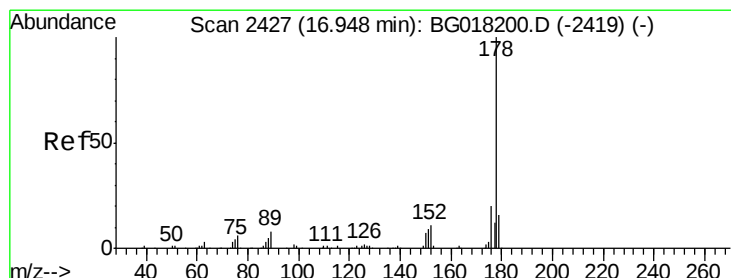
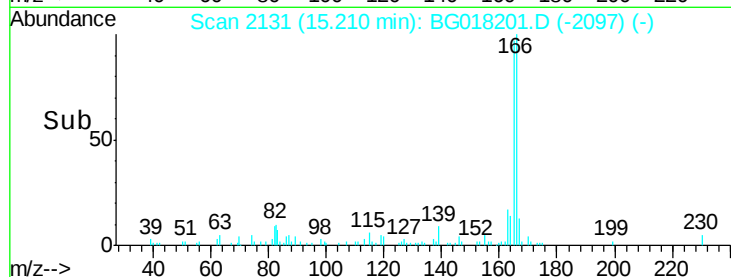
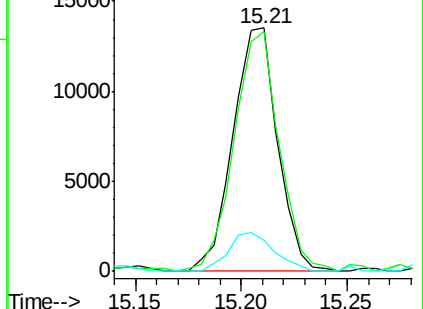
167 12.9 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 15.60 ng/ul

RT: 16.95 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

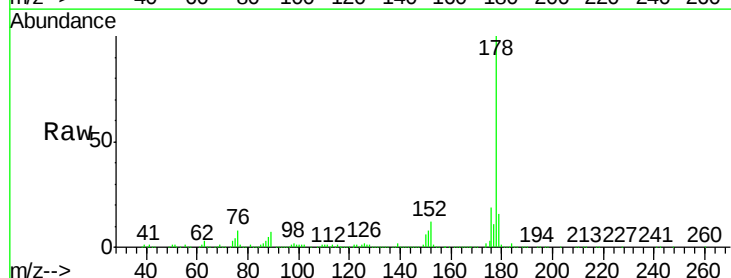
Tgt Ion:178 Resp: 236310

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

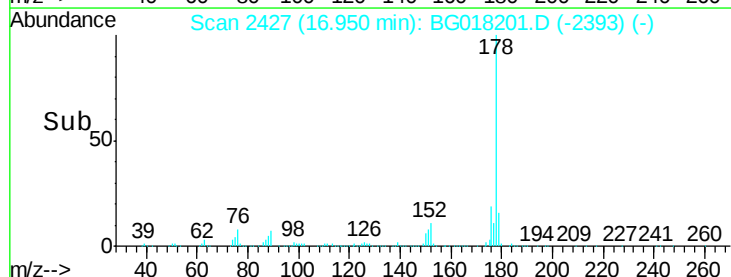
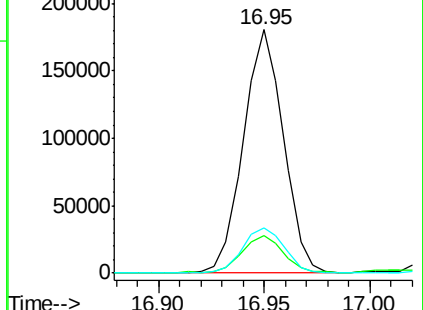
176 18.8 16.0 24.0

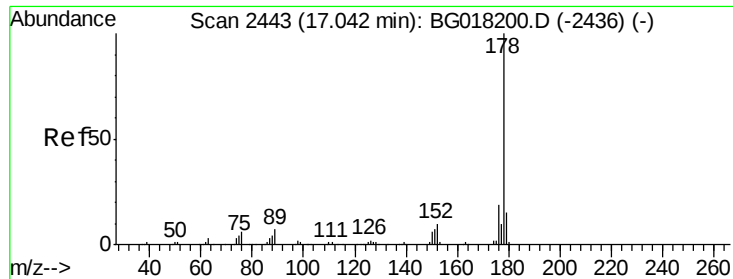


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.64 ng/ul

RT: 17.04 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :

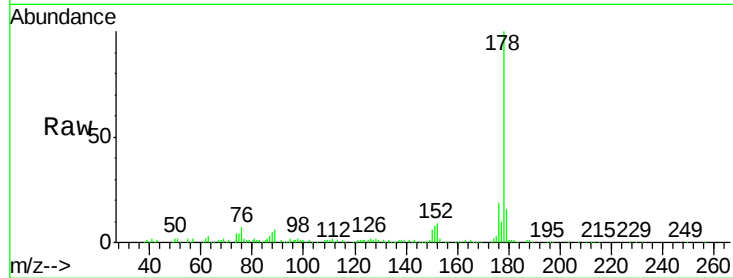
Tot Ion:178 Resp: 84945

Ion Ratio Lower Upper

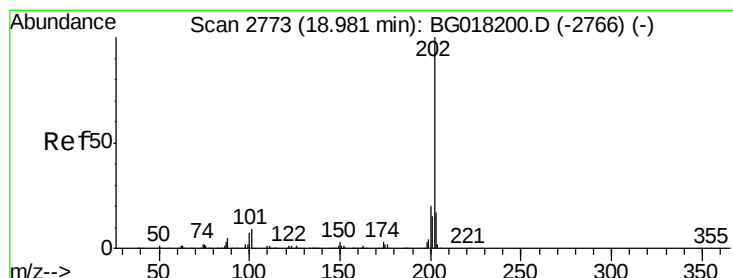
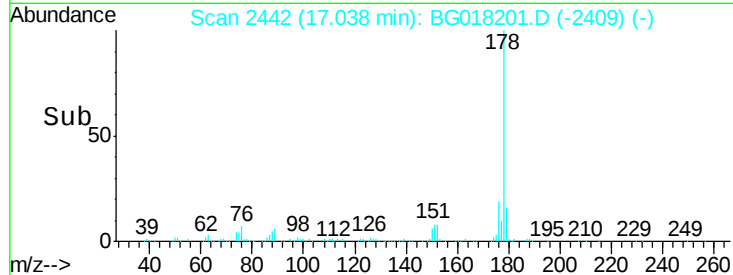
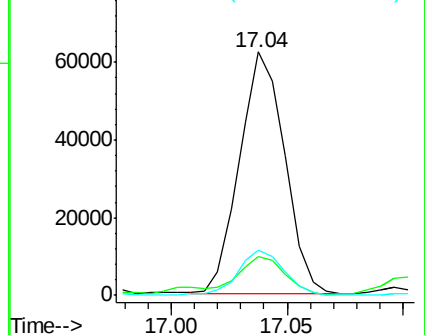
178 100

179 15.9 12.2 18.2

176 18.6 14.8 22.2



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: 41.60 ng/ul

RT: 18.98 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

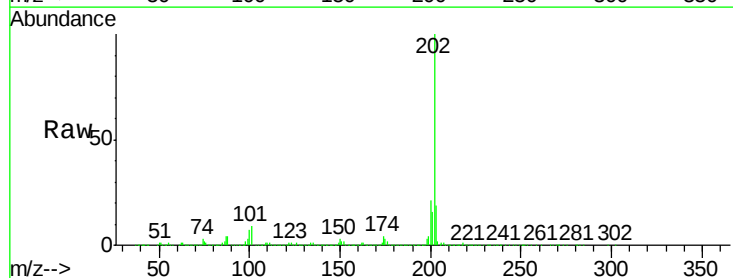
Tgt Ion:202 Resp: 692225

Ion Ratio Lower Upper

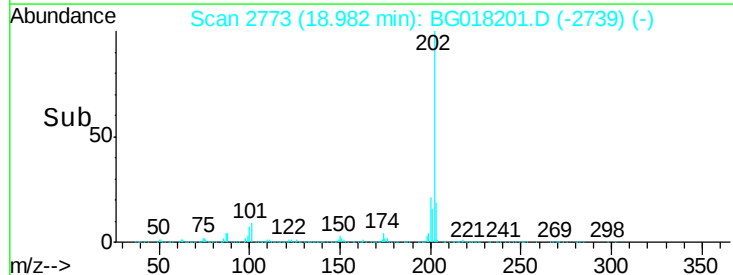
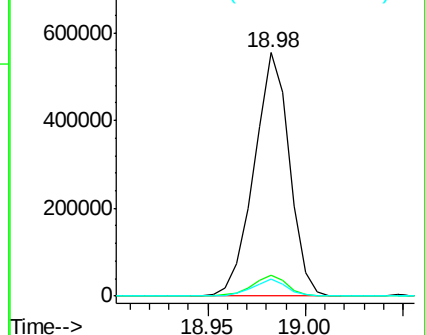
202 100

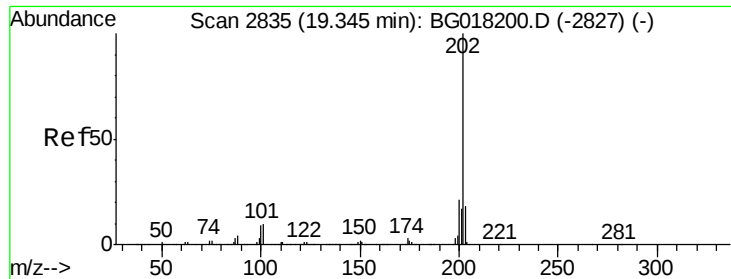
101 8.7 7.5 11.3

100 7.0 5.5 8.3



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

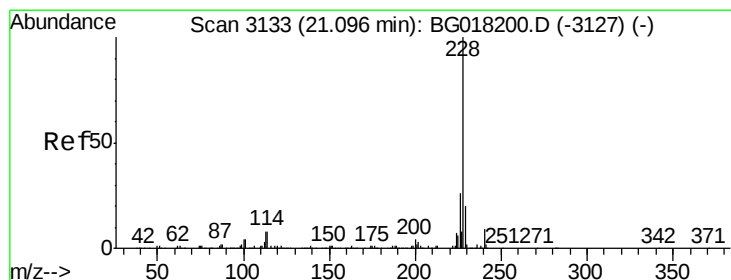
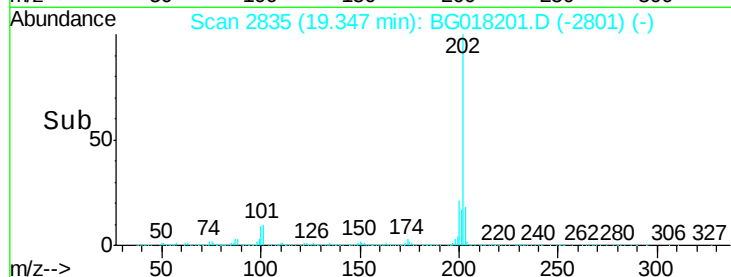
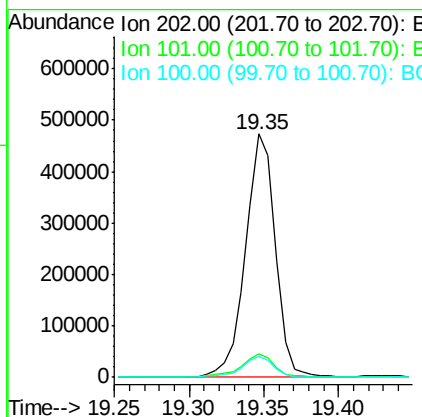
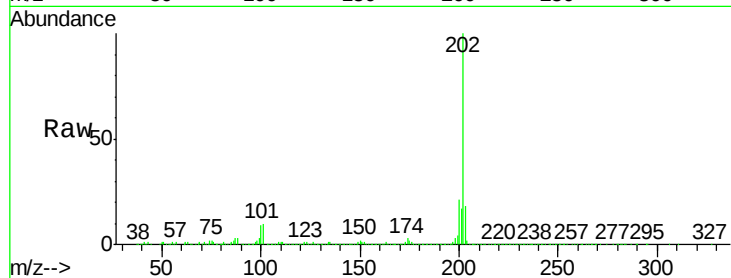




#80
Pvrene
Concen: 33.65 ng/ul
RT: 19.35 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

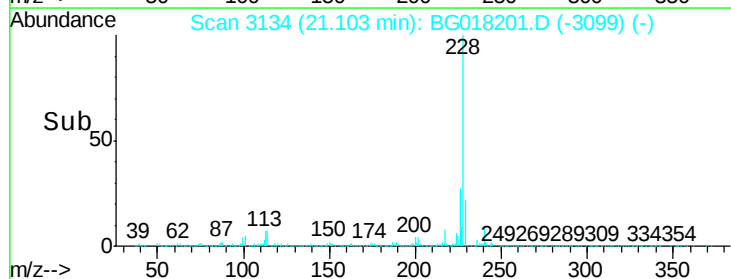
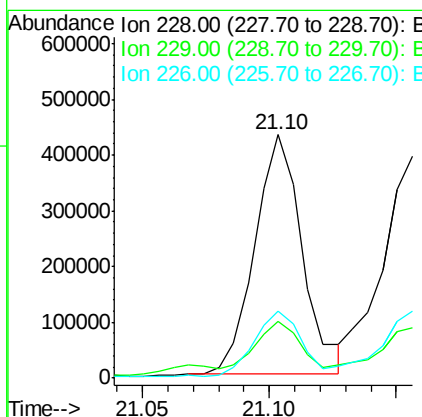
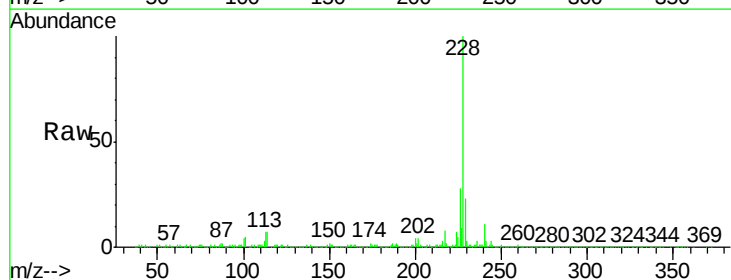
Instrument :
BNA_G
ClientSampleId :

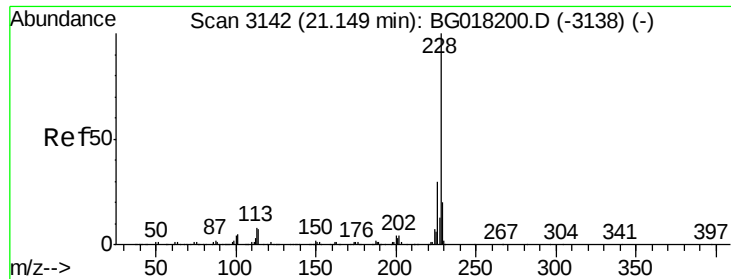
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.1	12.1
100	8.5	7.4	11.0



#83
Benzo(a)anthracene
Concen: 32.99 ng/ul
RT: 21.10 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BG018201.D
Acq: 1 Aug 2015 3:28

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.5	24.7
226	27.5	21.5	32.3





#85

Chrysene

Concen: 34.47 ng/ul

RT: 21.16 min Scan# 3143

Delta R.T. 0.01 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

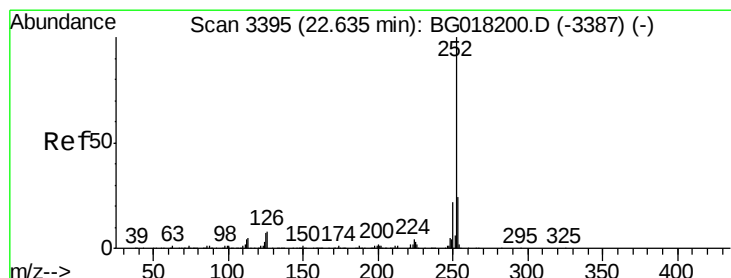
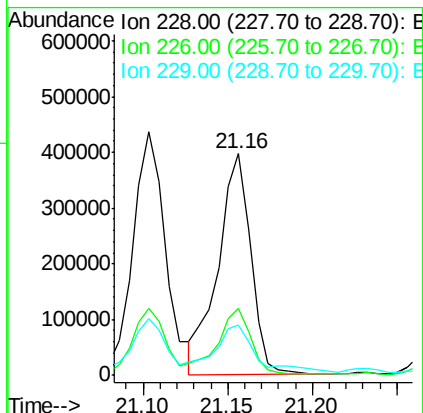
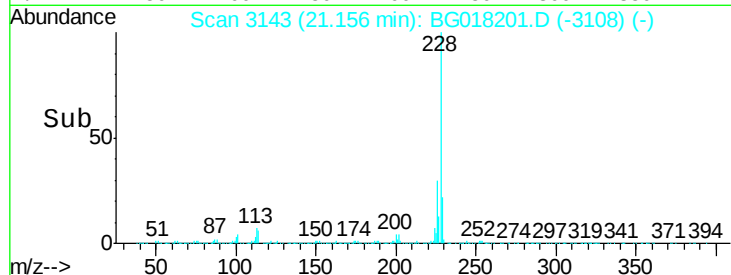
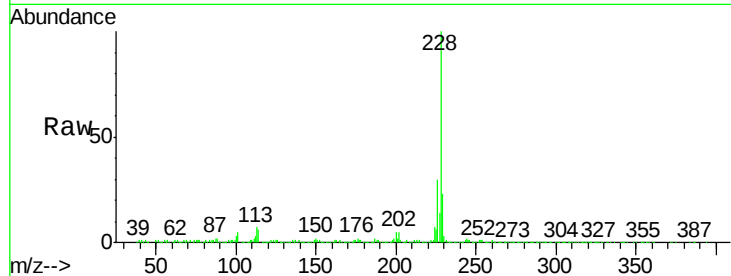
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 536817

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.7	34.1
229	22.6	16.2	24.2



#88

Benzo(b)fluoranthene

Concen: 36.69 ng/ul

RT: 22.65 min Scan# 3397

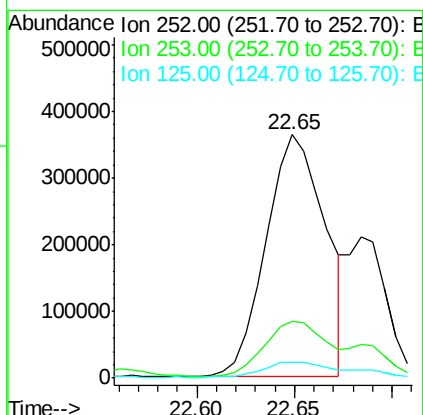
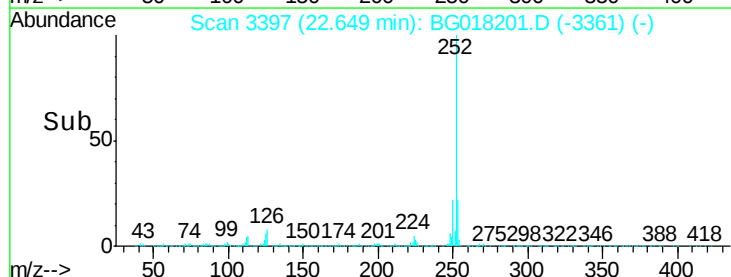
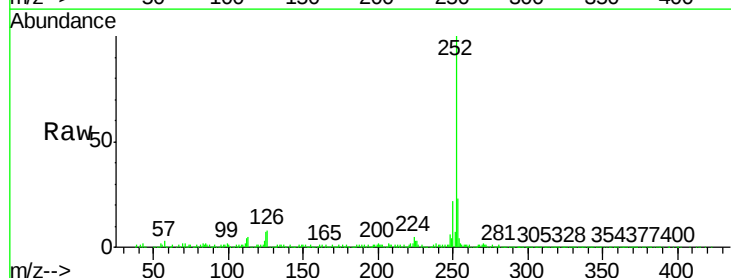
Delta R.T. 0.01 min

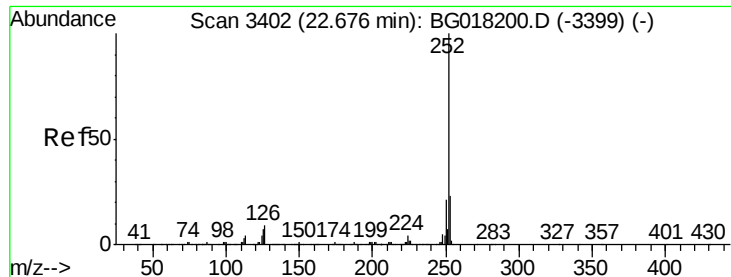
Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Tgt Ion:252 Resp: 762714

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	6.7	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 15.06 ng/ul

RT: 22.68 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :

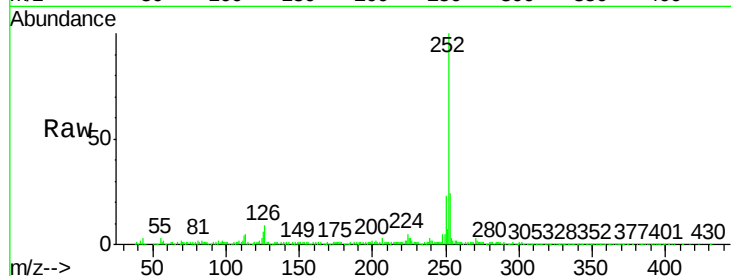
Tot Ion:252 Resp: 287666

Ion Ratio Lower Upper

252 100

253 24.0 18.2 27.2

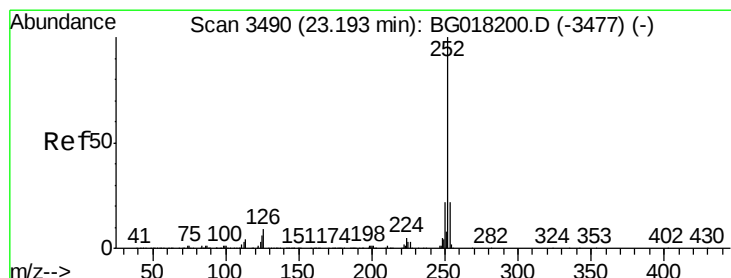
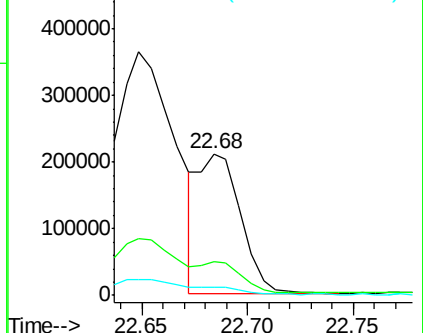
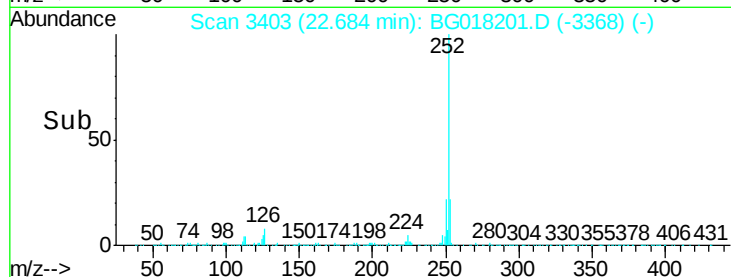
125 5.9 7.5 11.3#



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



#91

Benzo(a)pyrene

Concen: 22.84 ng/ul

RT: 23.11 min Scan# 3476

Delta R.T. -0.08 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

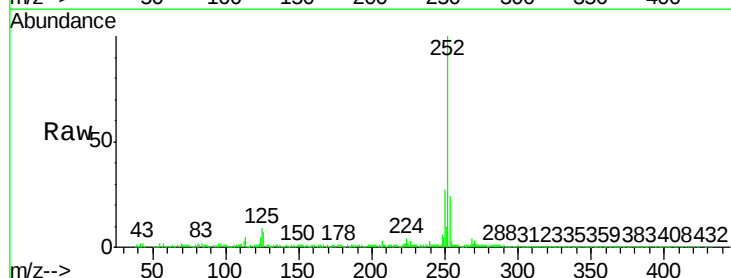
Tgt Ion:252 Resp: 424811

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.2

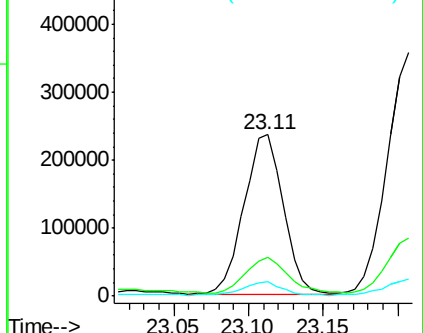
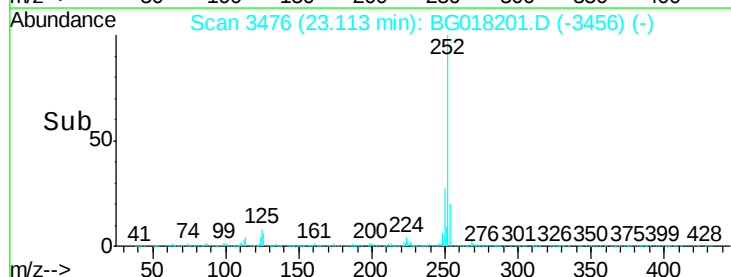
125 8.6 7.3 10.9

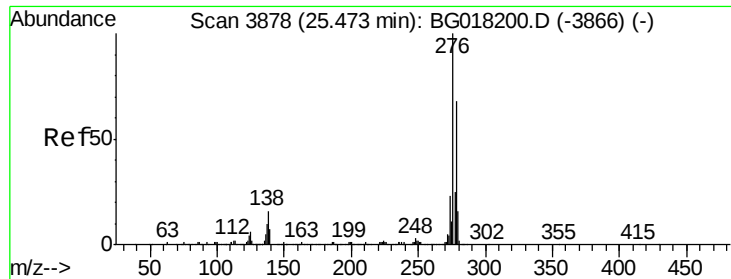


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 17.05 ng/ul

RT: 25.50 min Scan# 3882

Delta R.T. 0.03 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :

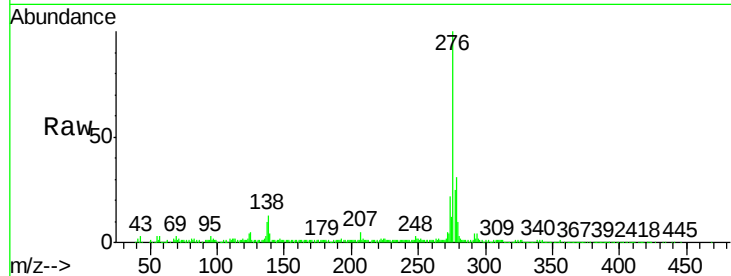
Tot Ion:276 Resp: 366929

Ion Ratio Lower Upper

276 100

138 13.2 17.2 25.8#

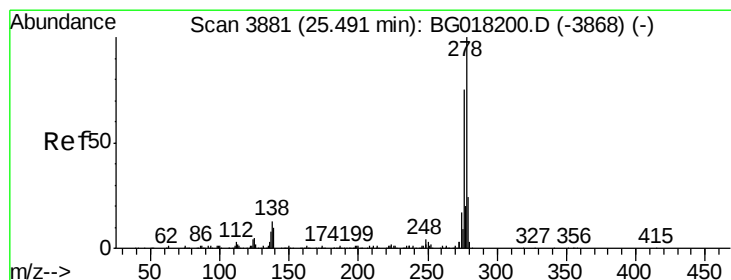
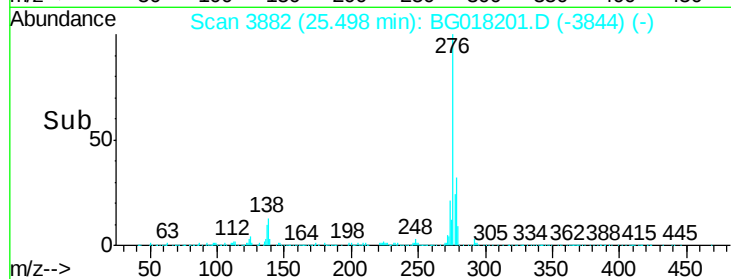
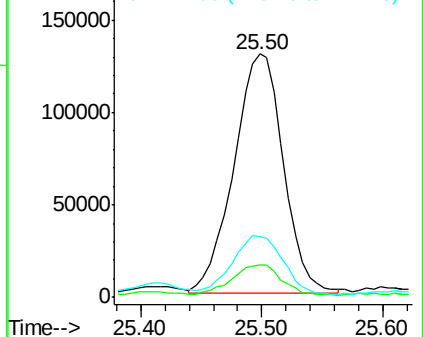
277 25.1 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 6.35 ng/ul

RT: 25.49 min Scan# 3881

Delta R.T. 0.00 min

Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

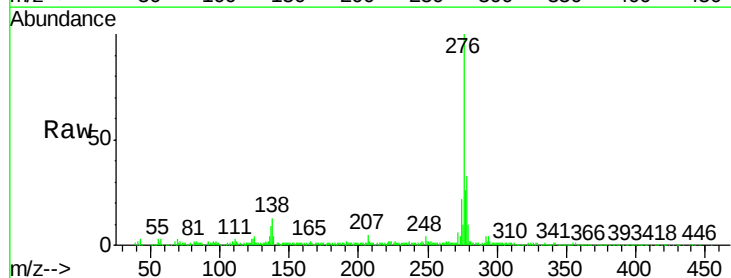
Tgt Ion:278 Resp: 117085

Ion Ratio Lower Upper

278 100

139 10.9 12.2 18.2#

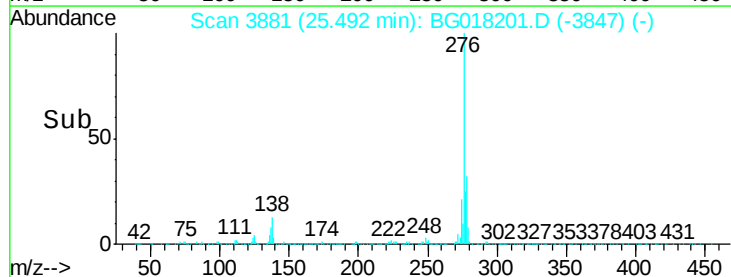
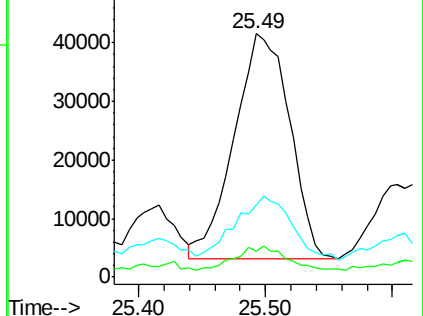
279 29.4 20.0 30.0

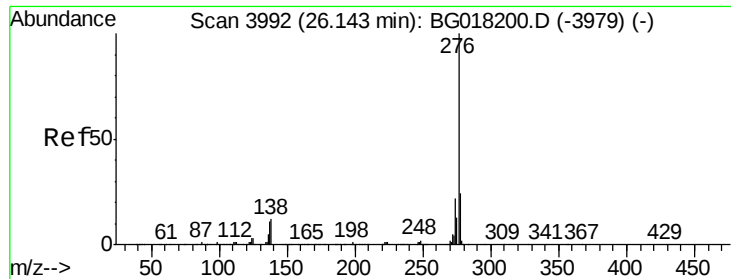


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 20.46 ng/ul

RT: 26.18 min Scan# 3998

Delta R.T. 0.04 min

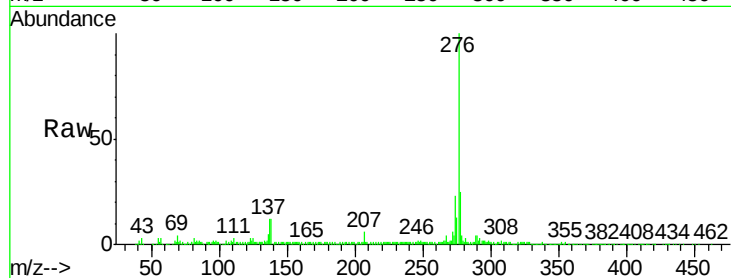
Lab File: BG018201.D

Acq: 1 Aug 2015 3:28

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	359582
Ion	Ratio	Lower	Upper
276	100		
138	11.6	15.1	22.7#
277	24.7	19.8	29.6

