

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019063.D
 Acq On : 7 Oct 2015 2:17
 Operator : UM/NP
 Sample : G3865-13RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MY9

Quant Time: Oct 07 08:44:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 07 01:38:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	23333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	104849	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	71168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	162049	20.00	ng/ul	0.01
78) Chrysene-d12	21.70	240	179970	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	179395	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1950	3.78	ng/uL	0.00
5) Phenol-d5	7.21	99	42757	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	32767	25.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	36215	23.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	31788	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	20703	26.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	23492	28.81	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.47	165	43449	26.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	55302	27.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	150638	26.85	ng/ul	0.01
47) Acenaphthylene-d8	14.37	160	187931	27.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	22718	20.04	ng/ul	0.01
58) Fluorene-d10	15.67	176	136959	26.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	19471	22.15	ng/ul	0.01
71) Anthracene-d10	17.52	188	215361	28.22	ng/ul	0.00
79) Pyrene-d10	19.80	212	229336	27.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	252032	27.46	ng/ul	0.02

Target Compounds

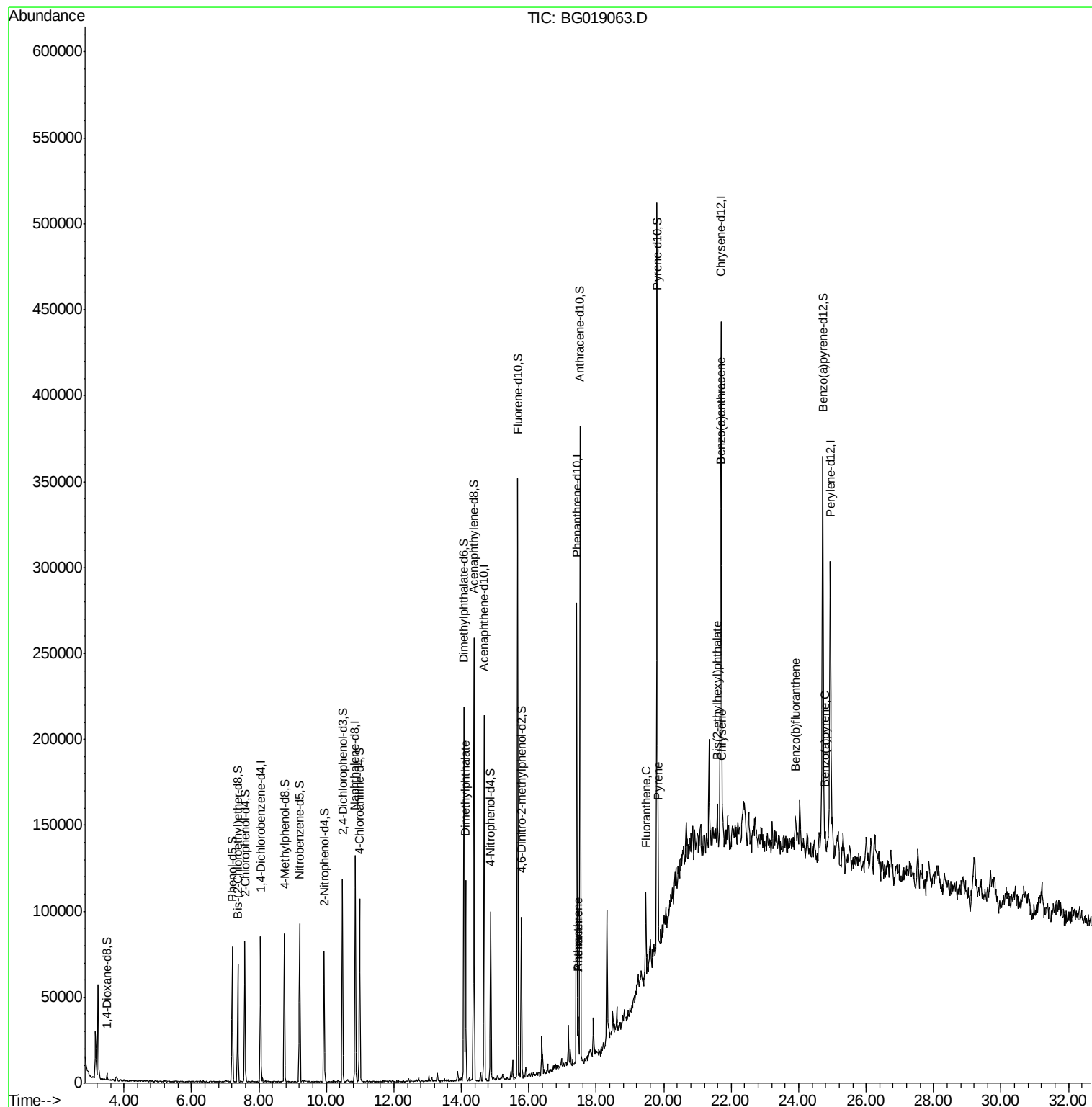
						Ovalue
45) Dimethylphthalate	14.12	163	74717	13.04	ng/ul	99
70) Phenanthrene	17.46	178	16229	1.78	ng/ul	98
72) Anthracene	17.46	178	16229	1.76	ng/ul	98
77) Fluoranthene	19.47	202	28779	2.71	ng/ul#	95
80) Pyrene	19.83	202	22559	2.08	ng/ul	98
83) Benzo(a)anthracene	21.68	228	11897	1.15	ng/ul#	86
84) Bis(2-ethylhexyl)phthalate	21.59	149	8462	1.42	ng/ul#	99
85) Chrysene	21.74	228	12252	1.25	ng/ul#	94
88) Benzo(b)fluoranthene	23.90	252	18176	1.72	ng/ul#	83
91) Benzo(a)pyrene	24.79	252	11015	1.08	ng/ul#	70

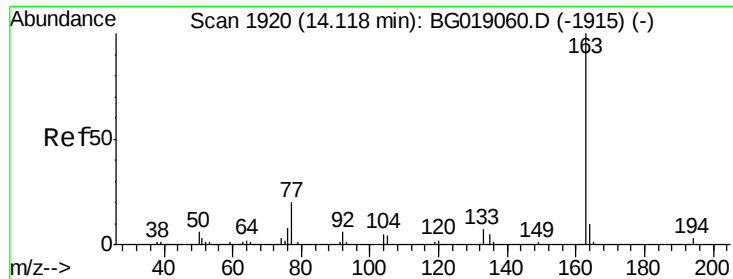
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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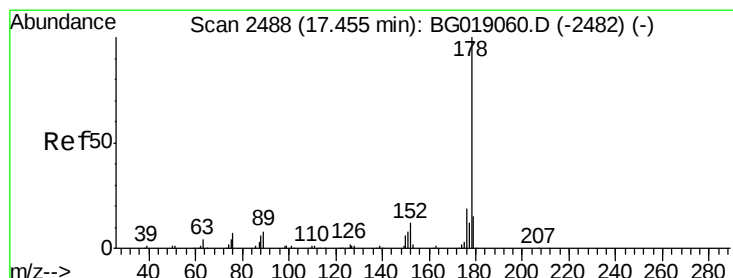
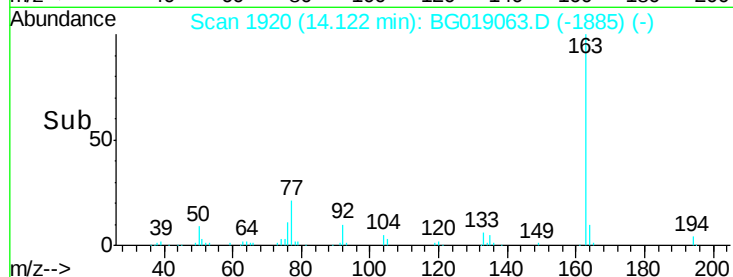
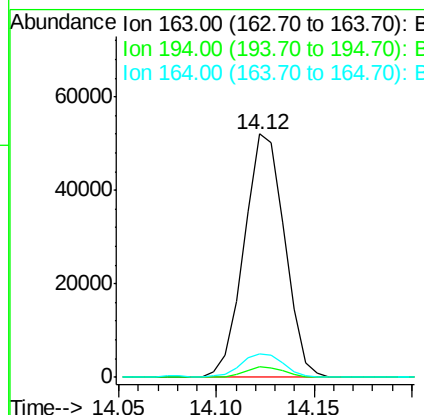
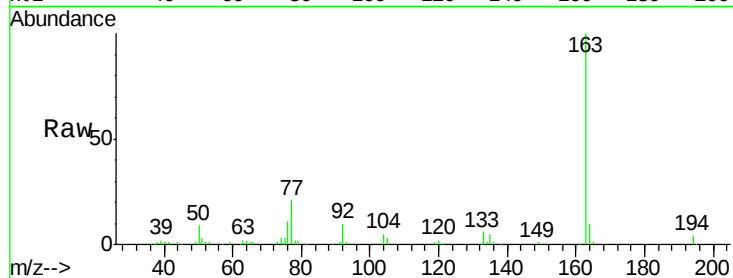




#45
Dimethylphthalate
Concen: 13.04 ng/ul
RT: 14.12 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

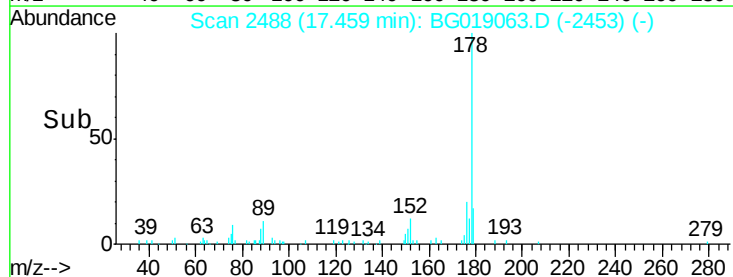
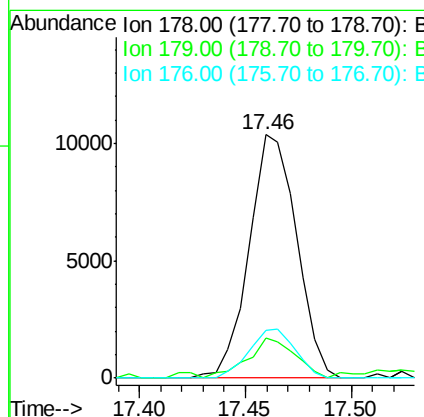
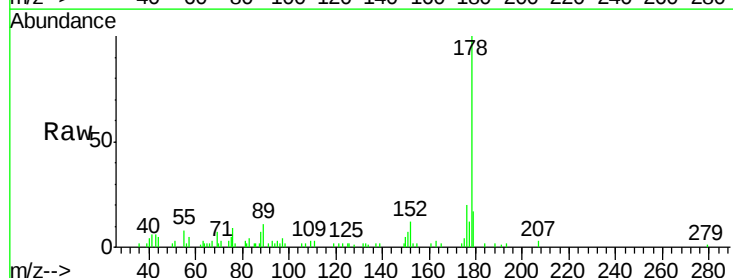
Instrument :
BNA_G
ClientSampleId :
E5MY9

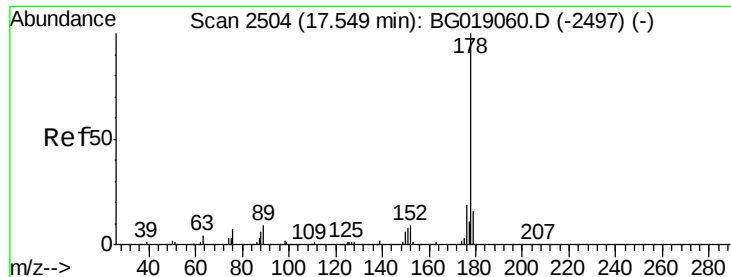
Tot Ion:163 Resp: 74717
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.6 8.1 12.1



#70
Phenanthrene
Concen: 1.78 ng/ul
RT: 17.46 min Scan# 2488
Delta R.T. 0.00 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

Tgt Ion:178 Resp: 16229
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 19.7 15.4 23.0





#72

Anthracene

Concen: 1.76 ng/ul

RT: 17.46 min Scan# 2488

Delta R.T. -0.09 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

ClientSampleId :

E5MY9

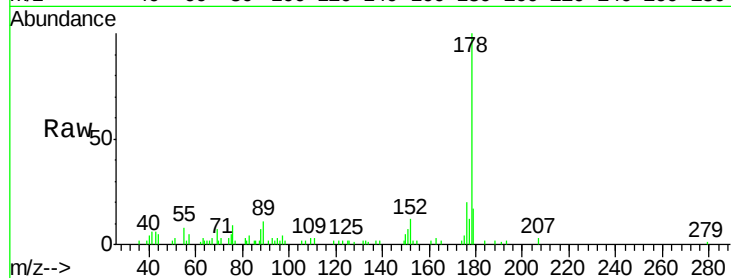
Tot Ion:178 Resp: 16229

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.4

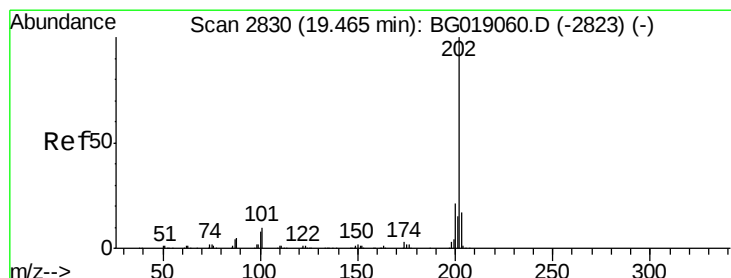
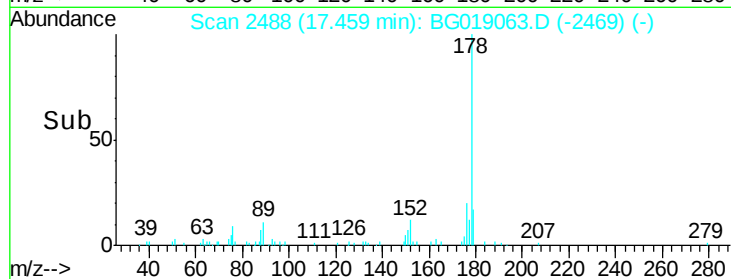
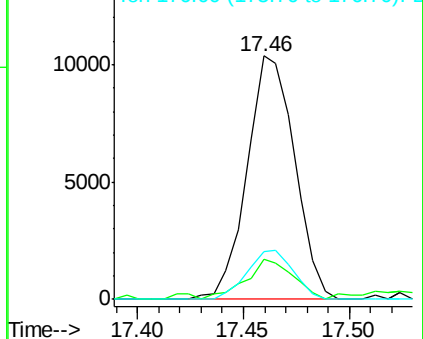
176 19.7 15.0 22.6



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: 2.71 ng/ul

RT: 19.47 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

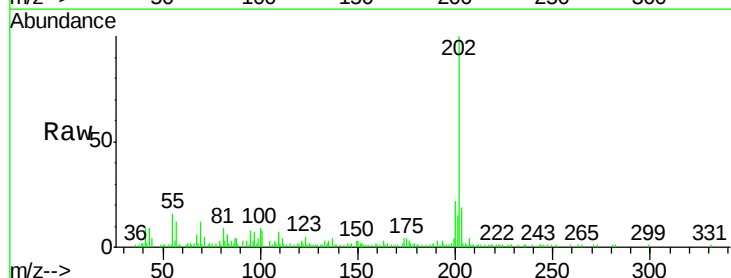
Tgt Ion:202 Resp: 28779

Ion Ratio Lower Upper

202 100

101 8.5 9.0 13.4#

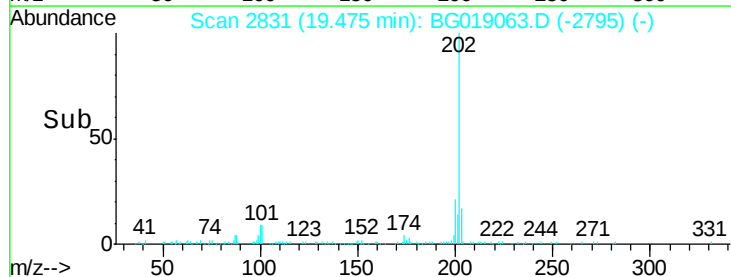
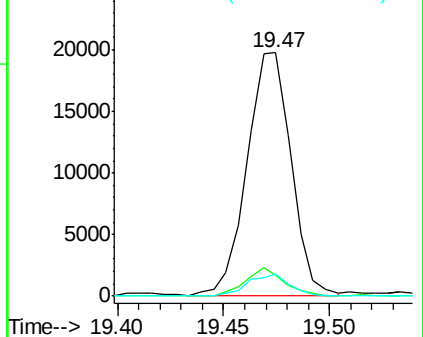
100 9.2 6.9 10.3

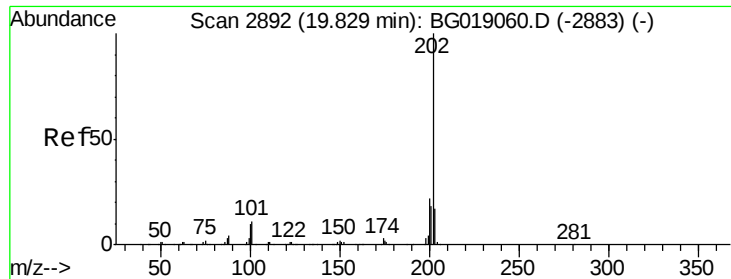


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

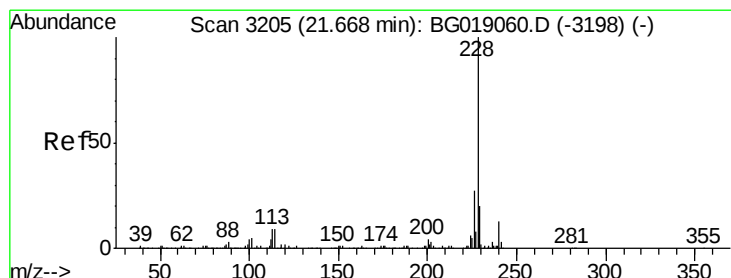
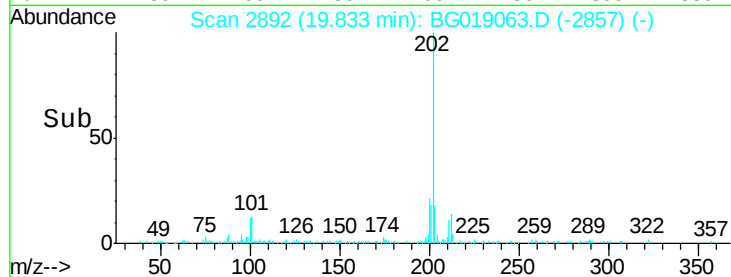
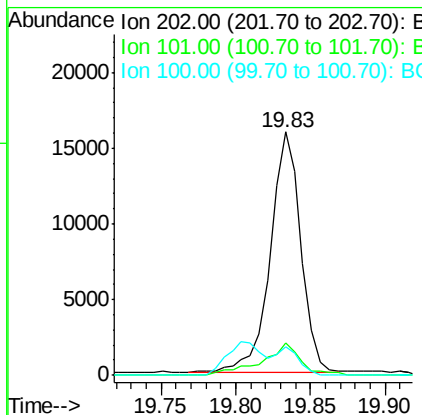
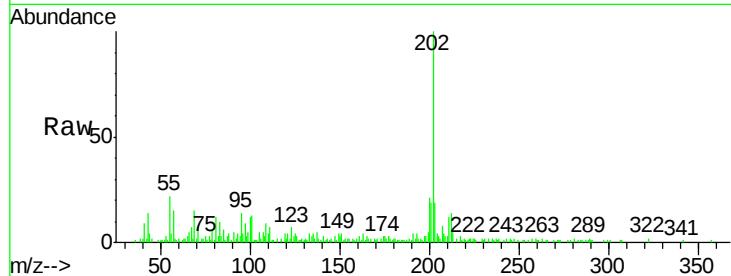




#80
Pvrene
Concen: 2.08 ng/ul
RT: 19.83 min Scan# 2892
Delta R.T. 0.00 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

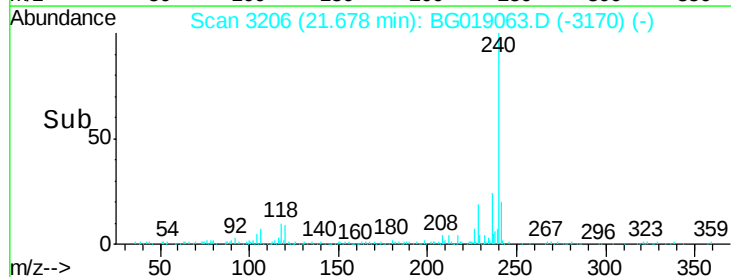
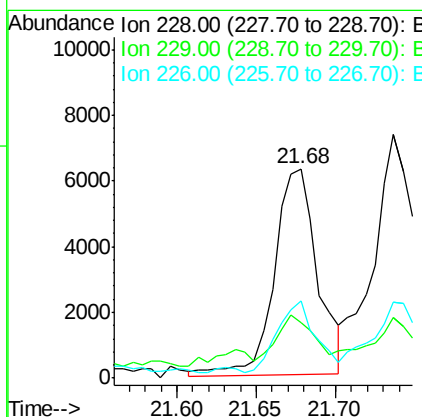
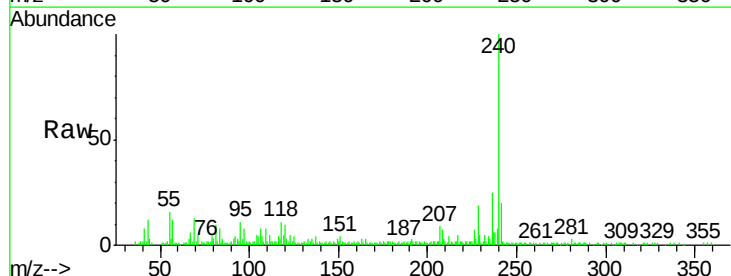
Instrument :
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ClientSampleId :
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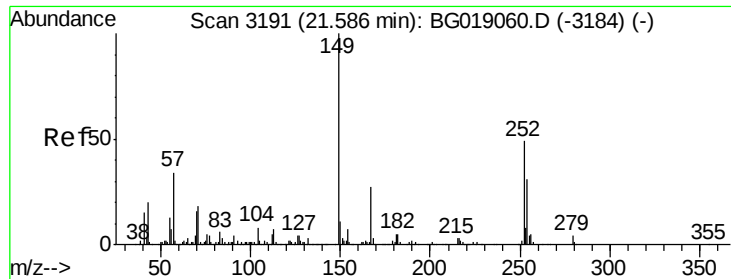
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	11.5	8.5	12.7



#83
Benzo(a)anthracene
Concen: 1.15 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. 0.01 min
Lab File: BG019063.D
Acq: 7 Oct 2015 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	26.6	16.6	24.8#
226	36.7	22.8	34.2#





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.42 ng/ul

RT: 21.59 min Scan# 3191

Delta R.T. 0.00 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Instrument :

BNA_G

ClientSampleId :

E5MY9

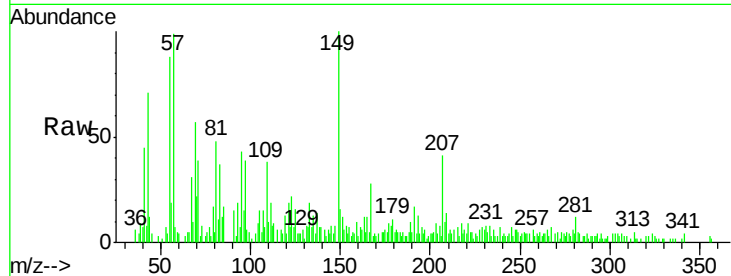
Tot Ion:149 Resp: 8462

Ion Ratio Lower Upper

149 100

167 28.4 22.8 34.2

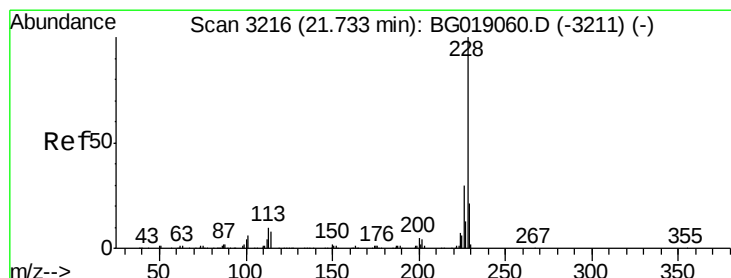
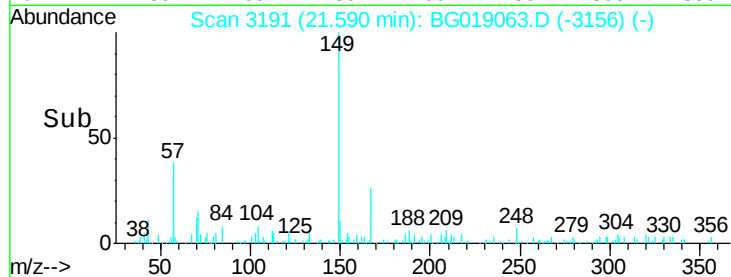
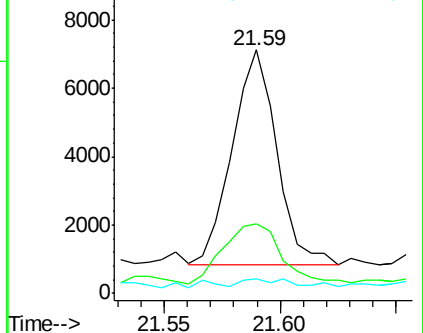
279 5.8 3.3 4.9#



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



#85

Chrysene

Concen: 1.25 ng/ul

RT: 21.74 min Scan# 3216

Delta R.T. 0.00 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

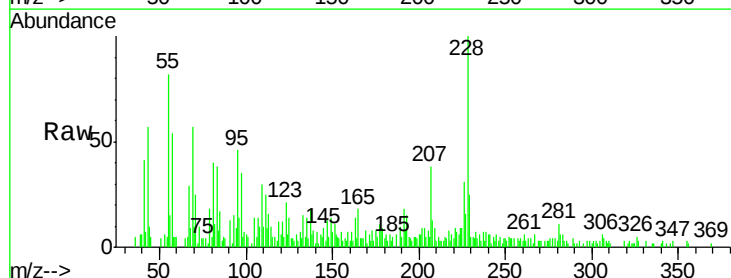
Tgt Ion:228 Resp: 12252

Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

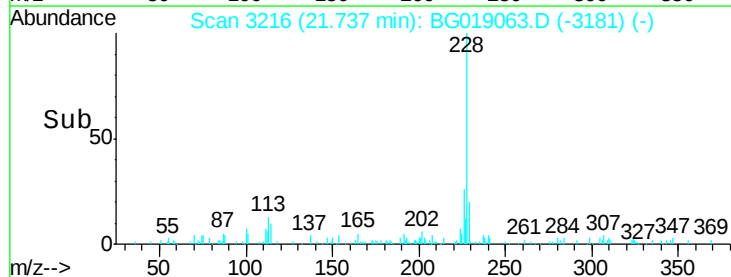
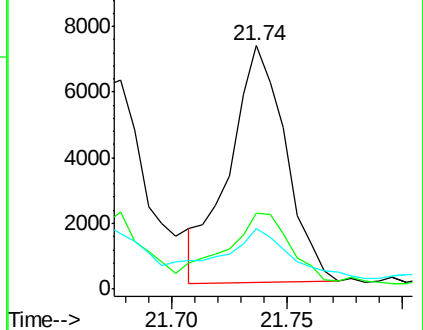
229 24.9 15.6 23.4#

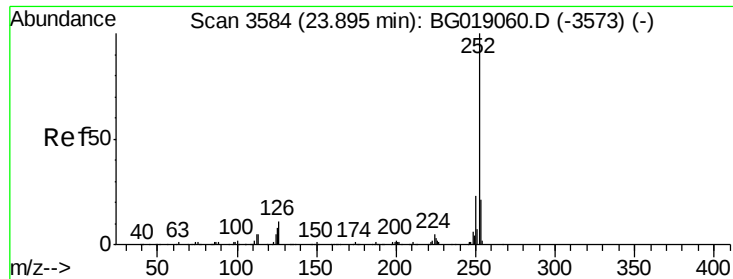


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.72 ng/ul

RT: 23.90 min Scan# 3584

Delta R.T. 0.00 min

Lab File: BG019063.D

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Instrument :

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ClientSampleId :

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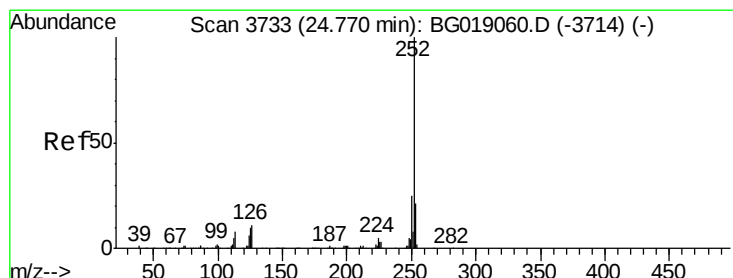
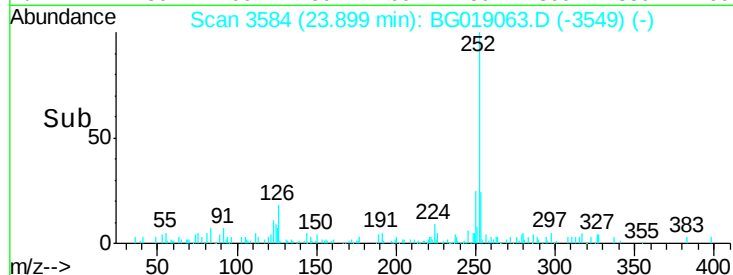
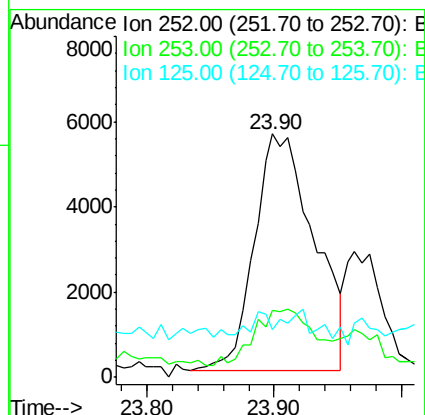
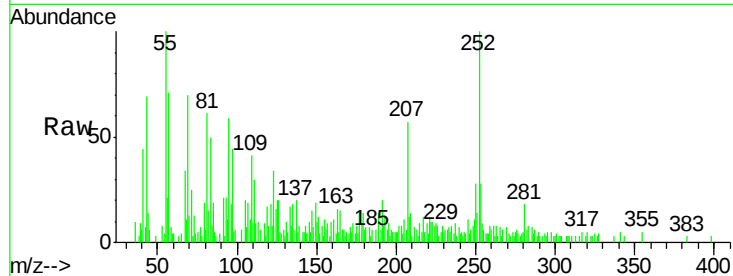
Tot Ion:252 Resp: 18176

Ion Ratio Lower Upper

252 100

253 27.8 17.4 26.2#

125 19.7 8.1 12.1#



#91

Benzo(a)pyrene

Concen: 1.08 ng/ul

RT: 24.79 min Scan# 3735

Delta R.T. 0.02 min

Lab File: BG019063.D

Acq: 7 Oct 2015 2:17

Tgt Ion:252 Resp: 11015

Ion Ratio Lower Upper

252 100

253 29.6 18.1 27.1#

125 34.6 9.4 14.2#

