

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100515\
 Data File : BG019048.D
 Acq On : 6 Oct 2015 4:26
 Operator : UM/NP
 Sample : G3865-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ3

Quant Time: Oct 06 06:55:26 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 04:27:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54283	20.00	ng/ul	0.01
18) Naphthalene-d8	10.86	136	235359	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.68	164	139222	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.42	188	290697	20.00	ng/ul	0.01
78) Chrysene-d12	21.69	240	303532	20.00	ng/ul	0.02
86) Perylene-d12	24.93	264	297873	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	3076	2.56	ng/uL	0.00
5) Phenol-d5	7.22	99	67605	14.45	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.38	67	59093	19.52	ng/ul	0.01
9) 2-Chlorophenol-d4	7.59	132	60466	17.22	ng/ul	0.01
13) 4-Methylphenol-d8	8.76	113	38563	10.49	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	37593	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	40265	22.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	66923	18.27	ng/ul	0.02
29) 4-Chloroaniline-d4	10.99	131	77941	17.44	ng/ul	0.01
44) Dimethylphthalate-d6	14.08	166	231145	21.06	ng/ul	0.01
47) Acenaphthylene-d8	14.37	160	280946	20.69	ng/ul	0.01
52) 4-Nitrophenol-d4	14.88	143	25268	11.39	ng/ul	0.03
58) Fluorene-d10	15.67	176	200525	20.18	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.78	200	6063	3.84	ng/ul	0.01
71) Anthracene-d10	17.52	188	288697	21.09	ng/ul	0.01
79) Pyrene-d10	19.81	212	297345	21.15	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.70	264	320976	21.06	ng/ul	0.03

Target Compounds

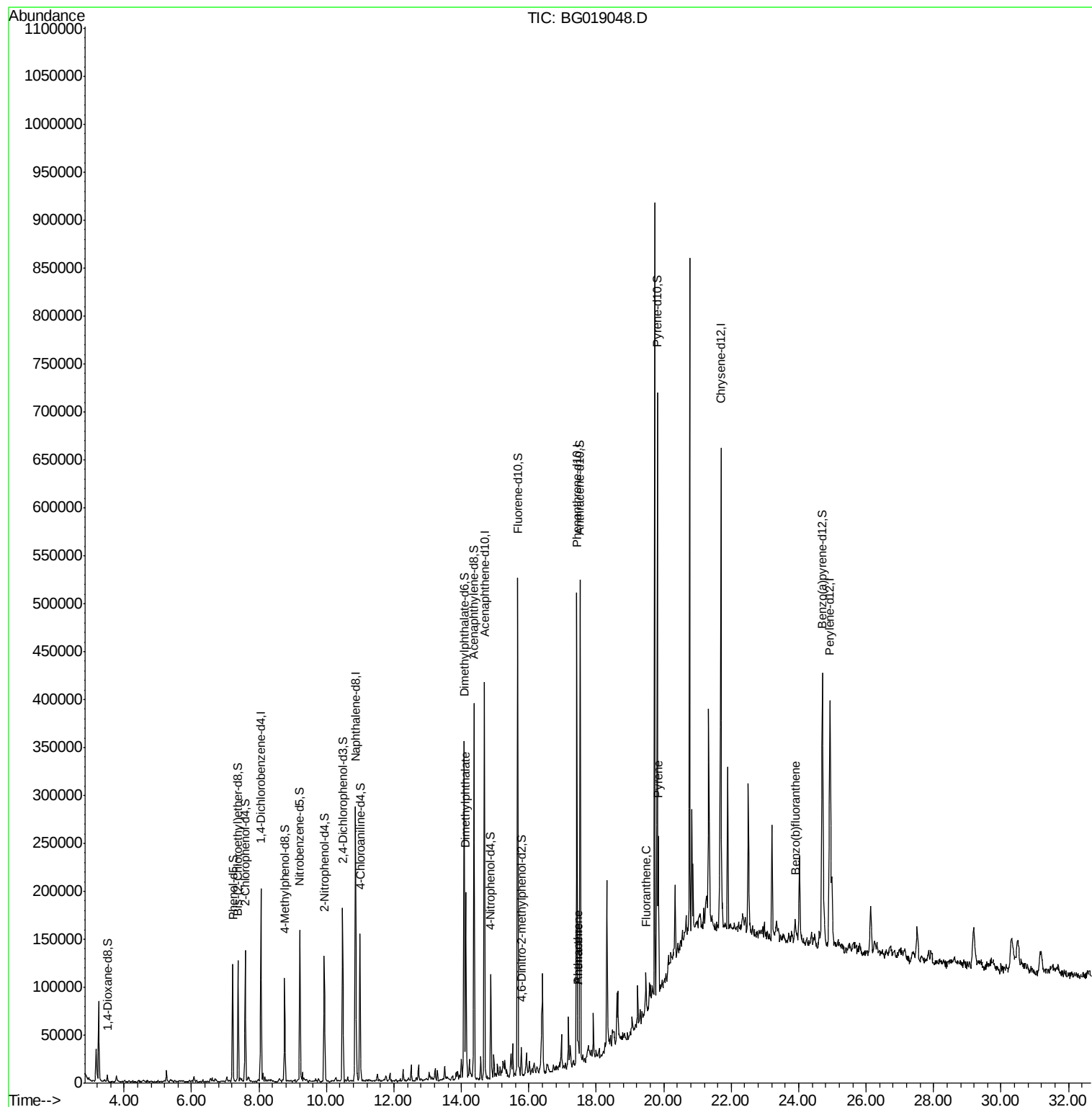
						Qvalue
45) Dimethylphthalate	14.13	163	123974	11.06	ng/ul	99
70) Phenanthrene	17.46	178	20432	1.25	ng/ul	98
72) Anthracene	17.46	178	20432	1.24	ng/ul	97
77) Fluoranthene	19.47	202	21784	1.14	ng/ul	99
80) Pyrene	19.83	202	21214	1.16	ng/ul	99
88) Benzo(b)fluoranthene	23.90	252	24040	1.37	ng/ul#	81

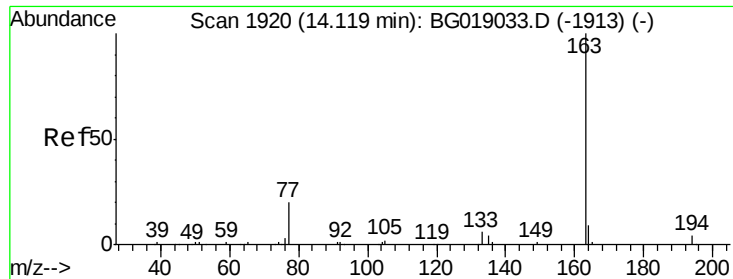
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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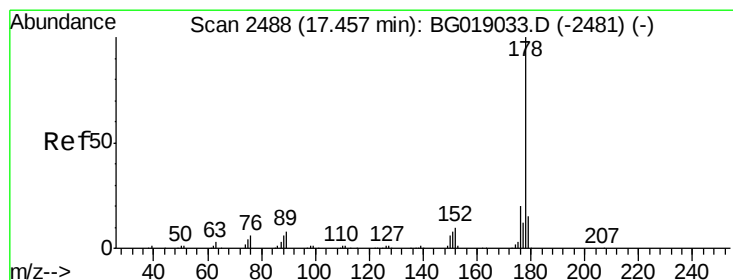
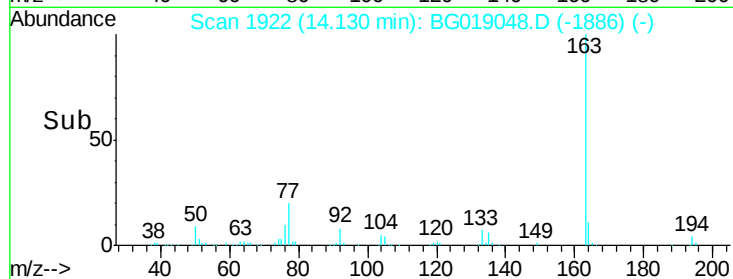
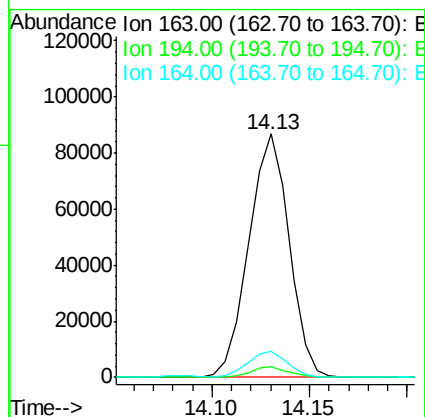
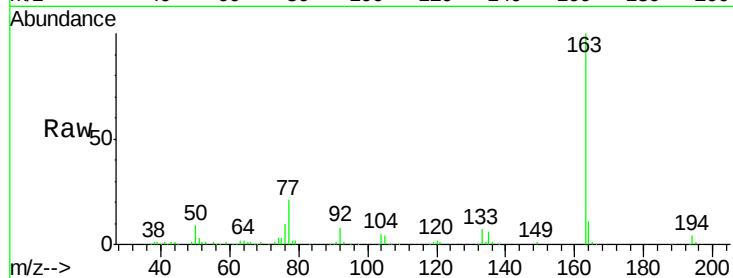




#45
Dimethylphthalate
Concen: 11.06 ng/ul
RT: 14.13 min Scan# 1922
Delta R.T. 0.01 min
Lab File: BG019048.D
Acq: 6 Oct 2015 4:26

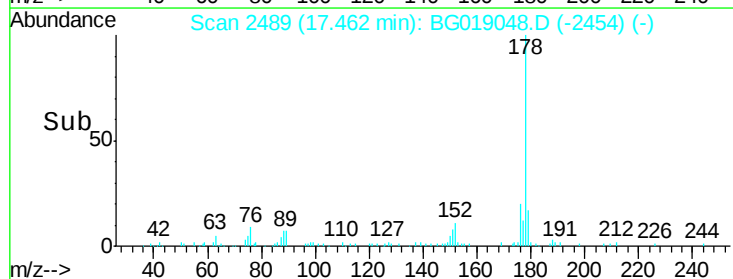
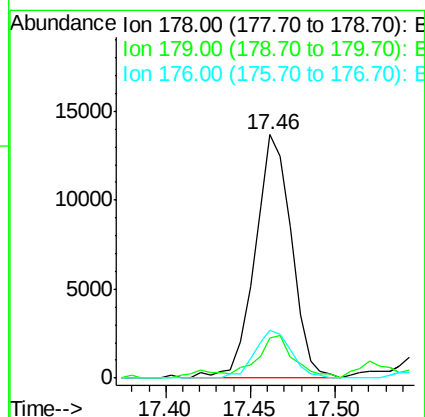
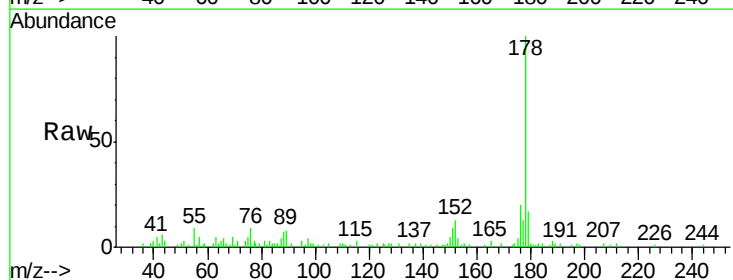
Instrument :
BNA_G
ClientSampleId :
E5MZ3

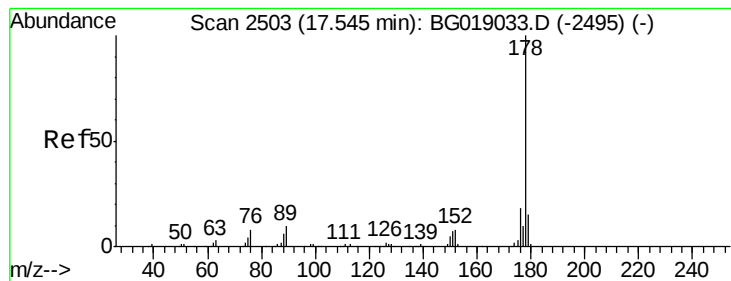
Tgt Ion:163 Resp: 123974
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.6 8.1 12.1



#70
Phenanthrene
Concen: 1.25 ng/ul
RT: 17.46 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BG019048.D
Acq: 6 Oct 2015 4:26

Tgt Ion:178 Resp: 20432
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 19.8 15.4 23.0





#72

Anthracene

Concen: 1.24 ng/ul

RT: 17.46 min Scan# 2489

Delta R.T. -0.08 min

Lab File: BG019048.D

Acq: 6 Oct 2015 4:26

Instrument :

BNA_G

ClientSampleId :

E5MZ3

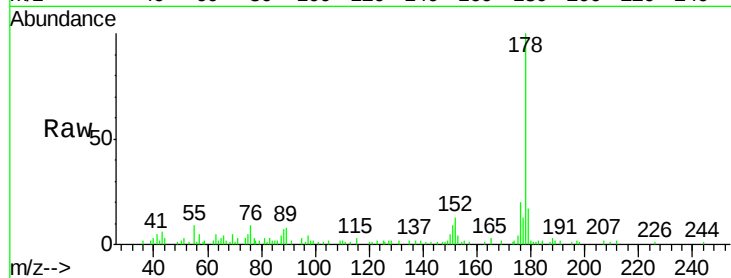
Tgt Ion:178 Resp: 20432

Ion Ratio Lower Upper

178 100

179 16.6 12.2 18.4

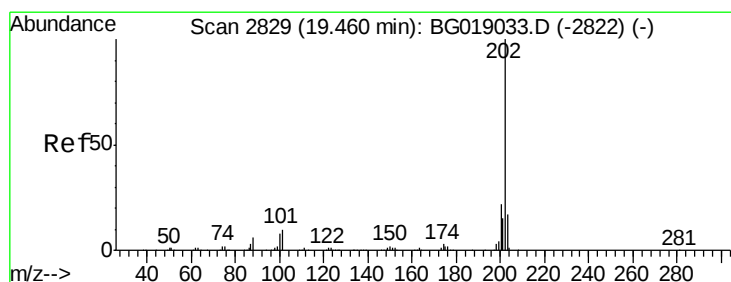
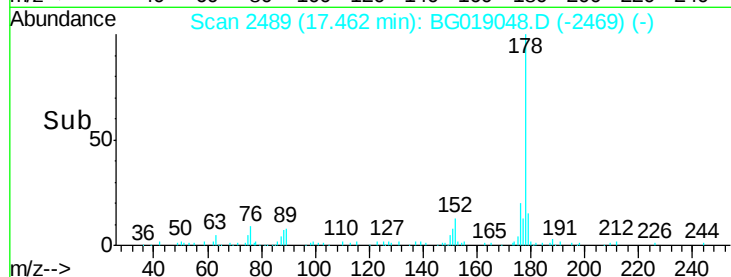
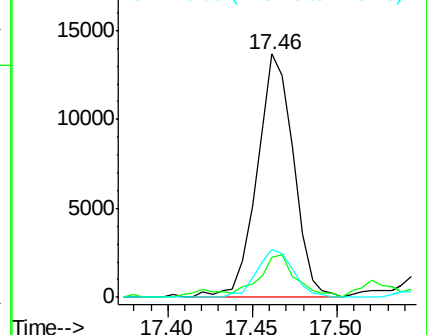
176 19.8 15.0 22.6



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: 1.14 ng/ul

RT: 19.47 min Scan# 2831

Delta R.T. 0.01 min

Lab File: BG019048.D

Acq: 6 Oct 2015 4:26

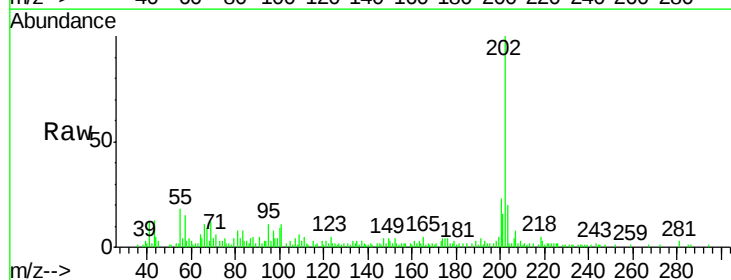
Tgt Ion:202 Resp: 21784

Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.4

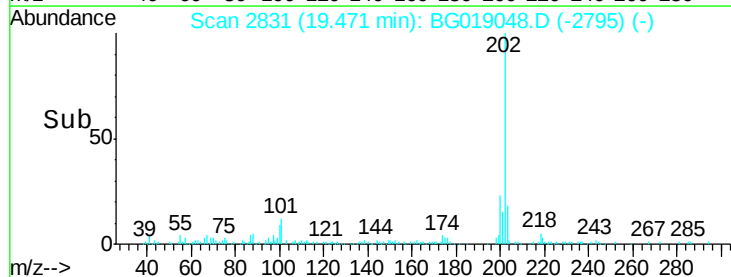
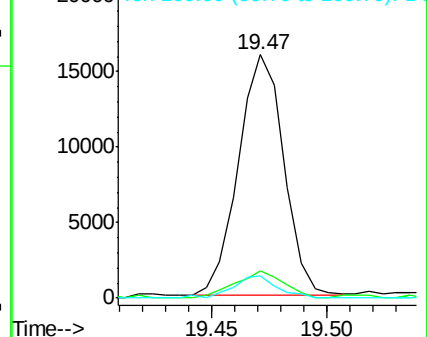
100 9.3 6.9 10.3

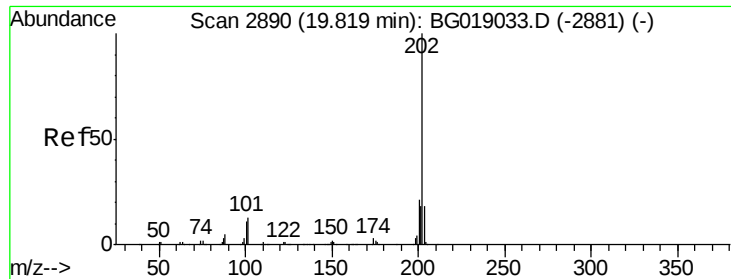


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

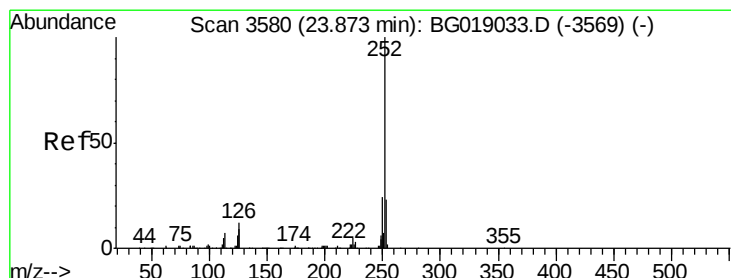
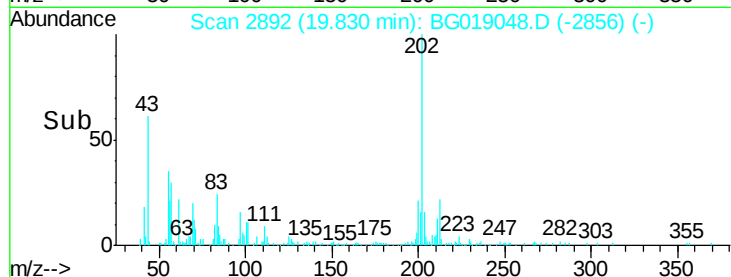
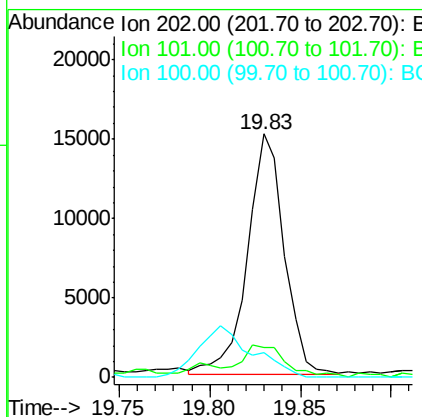
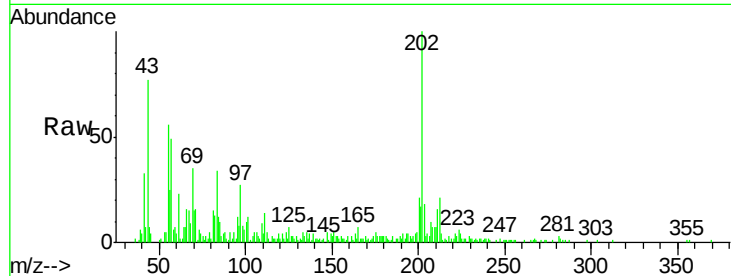




#80
Pyrene
Concen: 1.16 ng/ul
RT: 19.83 min Scan# 2892
Delta R.T. 0.01 min
Lab File: BG019048.D
Acq: 6 Oct 2015 4:26

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Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.2	15.2
100	10.3	8.5	12.7



#88
Benzo(b)fluoranthene
Concen: 1.37 ng/ul
RT: 23.90 min Scan# 3585
Delta R.T. 0.03 min
Lab File: BG019048.D
Acq: 6 Oct 2015 4:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	17.4	26.2#
125	21.3	8.1	12.1#

