

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
 Data File : BG019066.D
 Acq On : 7 Oct 2015 9:29
 Operator : UM/NP
 Sample : G3865-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5MZ3

Quant Time: Oct 07 10:43:37 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	24201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	110028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	76060	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	177815	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	191211	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	193004	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1408	2.63	ng/uL	0.00
5) Phenol-d5	7.21	99	33180	15.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	28600	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	29750	19.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	19520	11.91	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	18159	21.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	20729	24.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	35621	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	41616	19.92	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	136359	22.74	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	165305	22.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	15332	12.66	ng/ul	0.00
58) Fluorene-d10	15.67	176	125387	23.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	9318	9.66	ng/ul	0.00
71) Anthracene-d10	17.52	188	194064	23.18	ng/ul	0.00
79) Pyrene-d10	19.80	212	209777	23.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	229948	23.29	ng/ul	0.01

Target Compounds

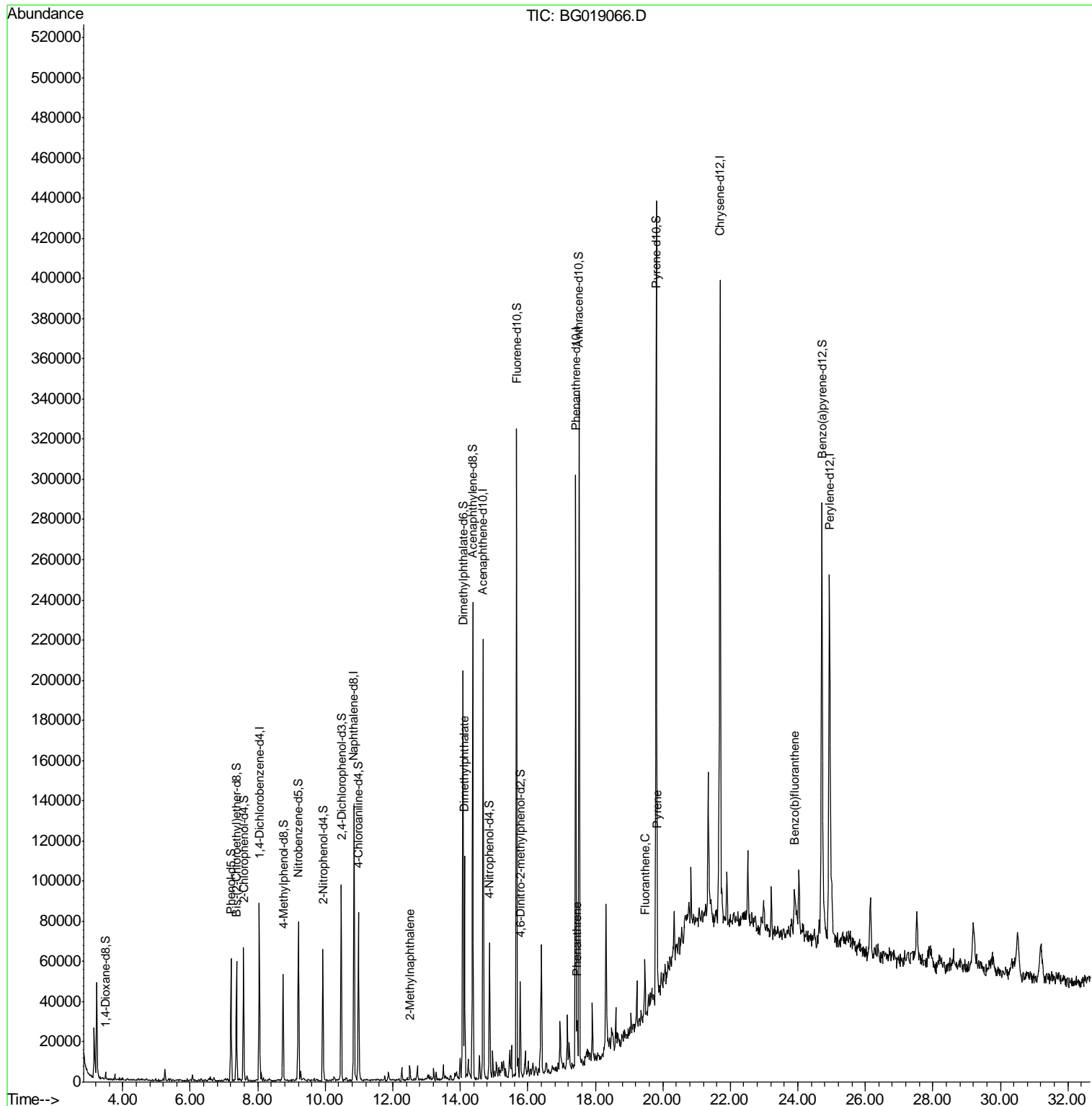
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
34) 2-Methylnaphthalene	12.51	142	4295	1.01	ng/ul	96
45) Dimethylphthalate	14.13	163	71345	11.65	ng/ul	99
70) Phenanthrene	17.46	178	13141	1.31	ng/ul	97
77) Fluoranthene	19.47	202	15635	1.34	ng/ul#	97
80) Pyrene	19.83	202	15201	1.32	ng/ul#	97
88) Benzo(b)fluoranthene	23.90	252	17000	1.49	ng/ul#	80

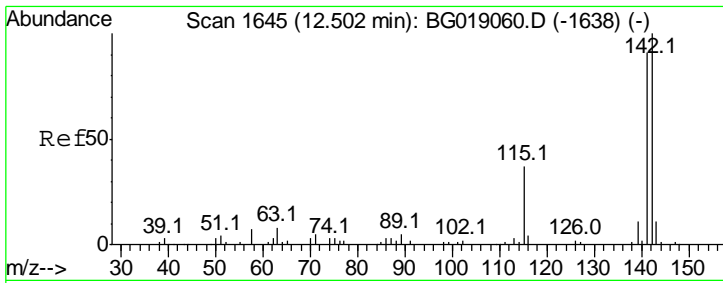
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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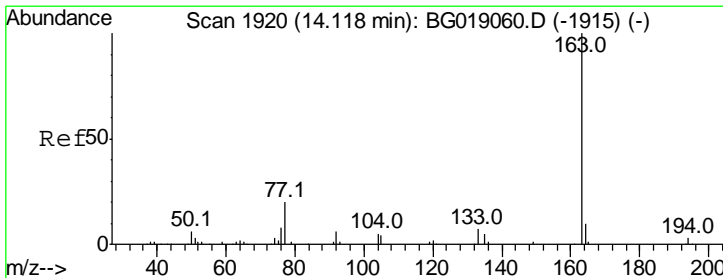
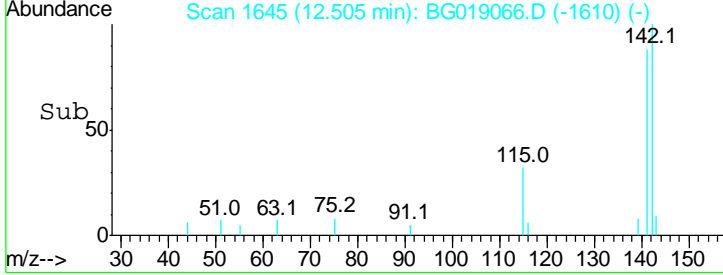
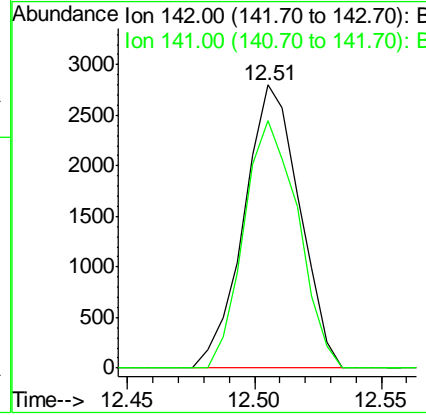
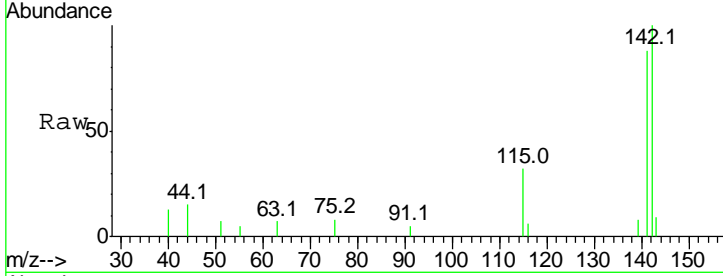




#34
 2-Methylnaphthalene
 Concen: 1.01 ng/ul
 RT: 12.51 min Scan# 1645
 Delta R.T. 0.00 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

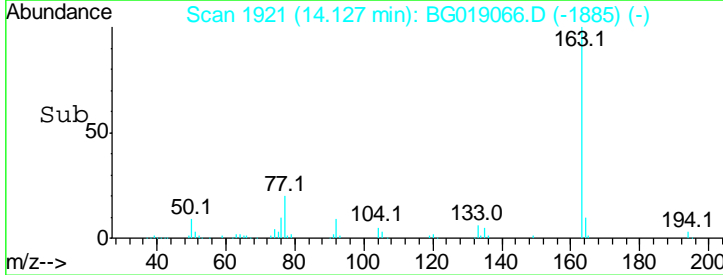
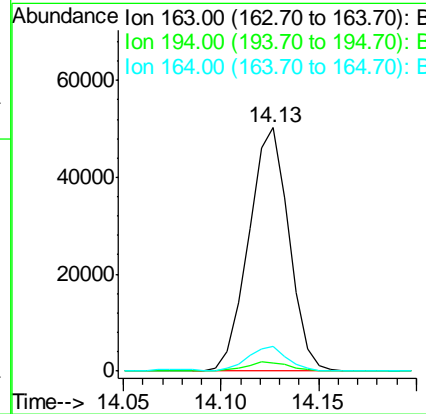
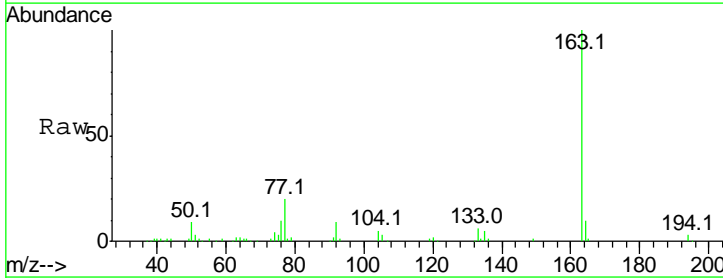
Instrument :
 BNA_G
 ClientSampled :
 E5MZ3

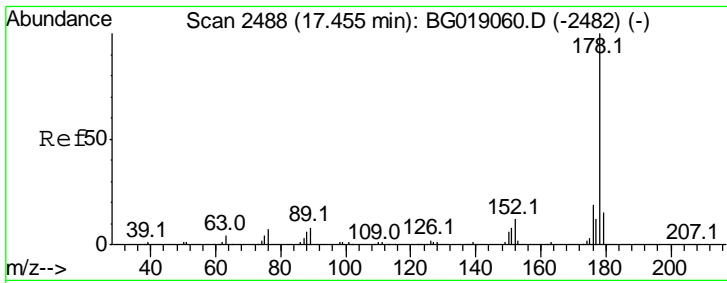
Tot Ion:142 Resp: 4295
 Ion Ratio Lower Upper
 142 100
 141 87.6 73.4 110.0



#45
 Dimethylphthalate
 Concen: 11.65 ng/ul
 RT: 14.13 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

Tgt Ion:163 Resp: 71345
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.3 4.9
 164 10.1 8.1 12.1

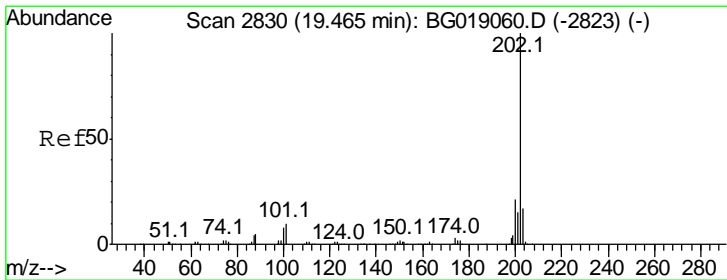
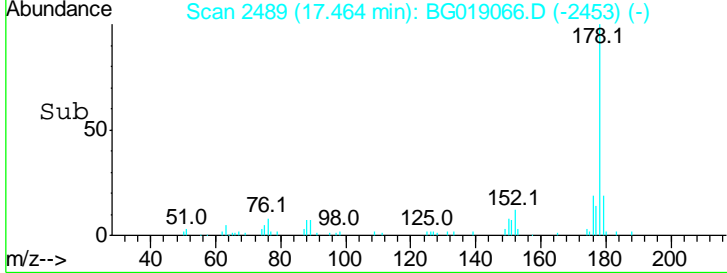
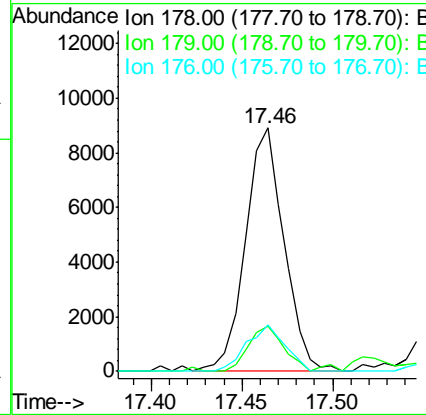
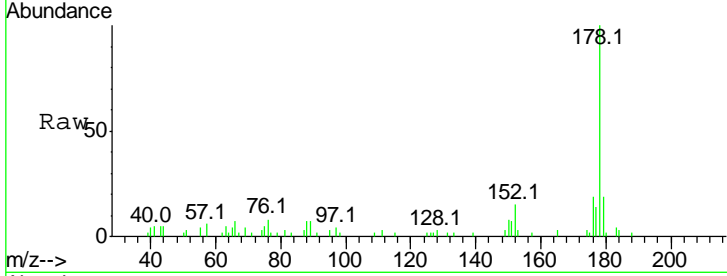




#70
 Phenanthrene
 Concen: 1.31 ng/ul
 RT: 17.46 min Scan# 2489
 Delta R.T. 0.01 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

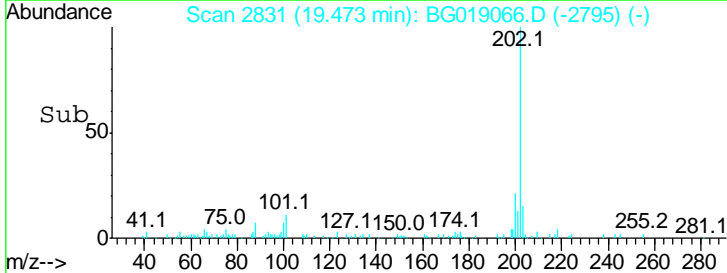
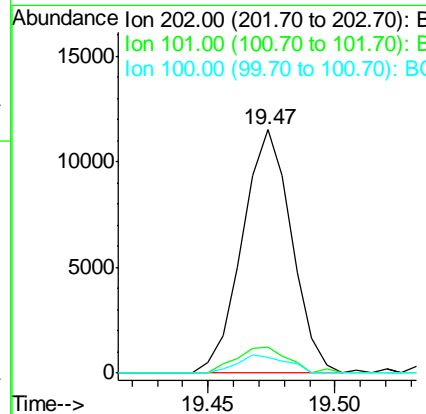
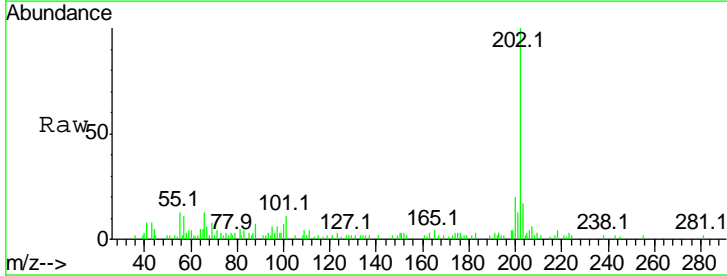
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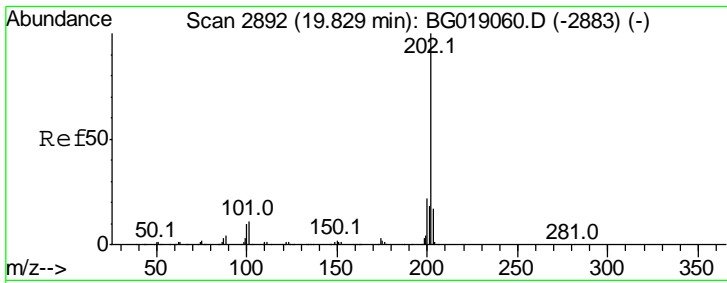
Tgt Ion	Resp	Lower	Upper
178	100		
179	18.5	12.5	18.7
176	19.3	15.4	23.0



#77
 Fluoranthene
 Concen: 1.34 ng/ul
 RT: 19.47 min Scan# 2831
 Delta R.T. 0.01 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

Tgt Ion	Resp	Lower	Upper
202	100		
101	10.8	9.0	13.4
100	6.7	6.9	10.3#

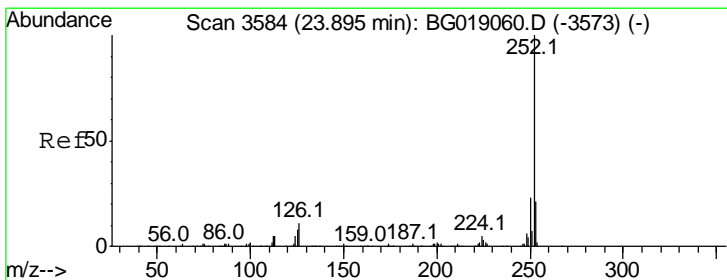
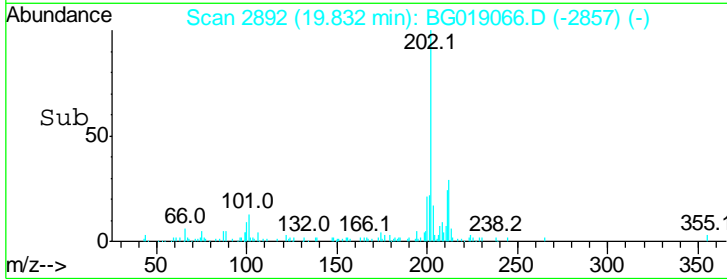
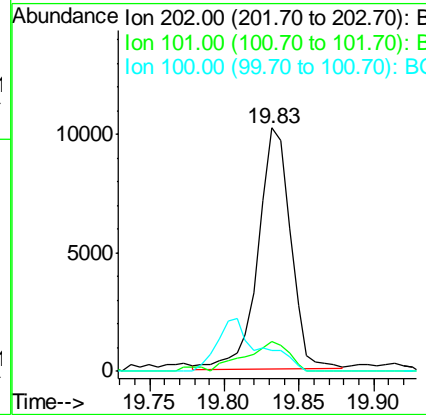
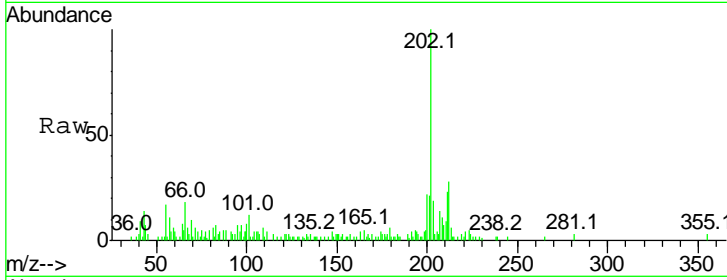




#80
 Pyrene
 Concen: 1.32 ng/ul
 RT: 19.83 min Scan# 2892
 Delta R.T. 0.00 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

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Tgt Ion	Resp	Lower	Upper
202	15201		
101	12.4	10.2	15.2
100	8.3	8.5	12.7#



#88
 Benzo(b)fluoranthene
 Concen: 1.49 ng/ul
 RT: 23.90 min Scan# 3585
 Delta R.T. 0.01 min
 Lab File: BG019066.D
 Acq: 7 Oct 2015 9:29

Tgt Ion	Resp	Lower	Upper
252	17000		
253	29.3	17.4	26.2#
125	20.5	8.1	12.1#

