

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
 Data File : BG021818.D
 Acq On : 10 May 2016 16:03
 Operator : UM/SJ
 Sample : H2938-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA7

Quant Time: May 11 03:31:21 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 11 02:37:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	75921	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	400946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	232168	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	473825	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	462507	20.00	ng/ul	0.00
84) Perylene-d12	25.16	264	464438	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	7272	4.62	ng/uL	0.00
5) Phenol-d5	7.33	99	141784	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	74687	26.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	129611	29.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	88592	18.72	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	70079	26.59	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	62553	37.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.75	165	753	0.16	ng/ul	0.14
29) 4-Chloroaniline-d4	11.40	131	572	0.11	ng/ul	0.27
44) Dimethylphthalate-d6	14.20	166	444125	27.23	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	606264	26.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42491	15.20	ng/ul	0.00
58) Fluorene-d10	15.79	176	407978	23.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	39326	29.96	ng/ul	0.00
71) Anthracene-d10	17.64	188	554431	24.04	ng/ul	0.00
77) Pyrene-d10	19.92	212	601145	27.77	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.93	264	553171	25.07	ng/ul	0.00

Target Compounds

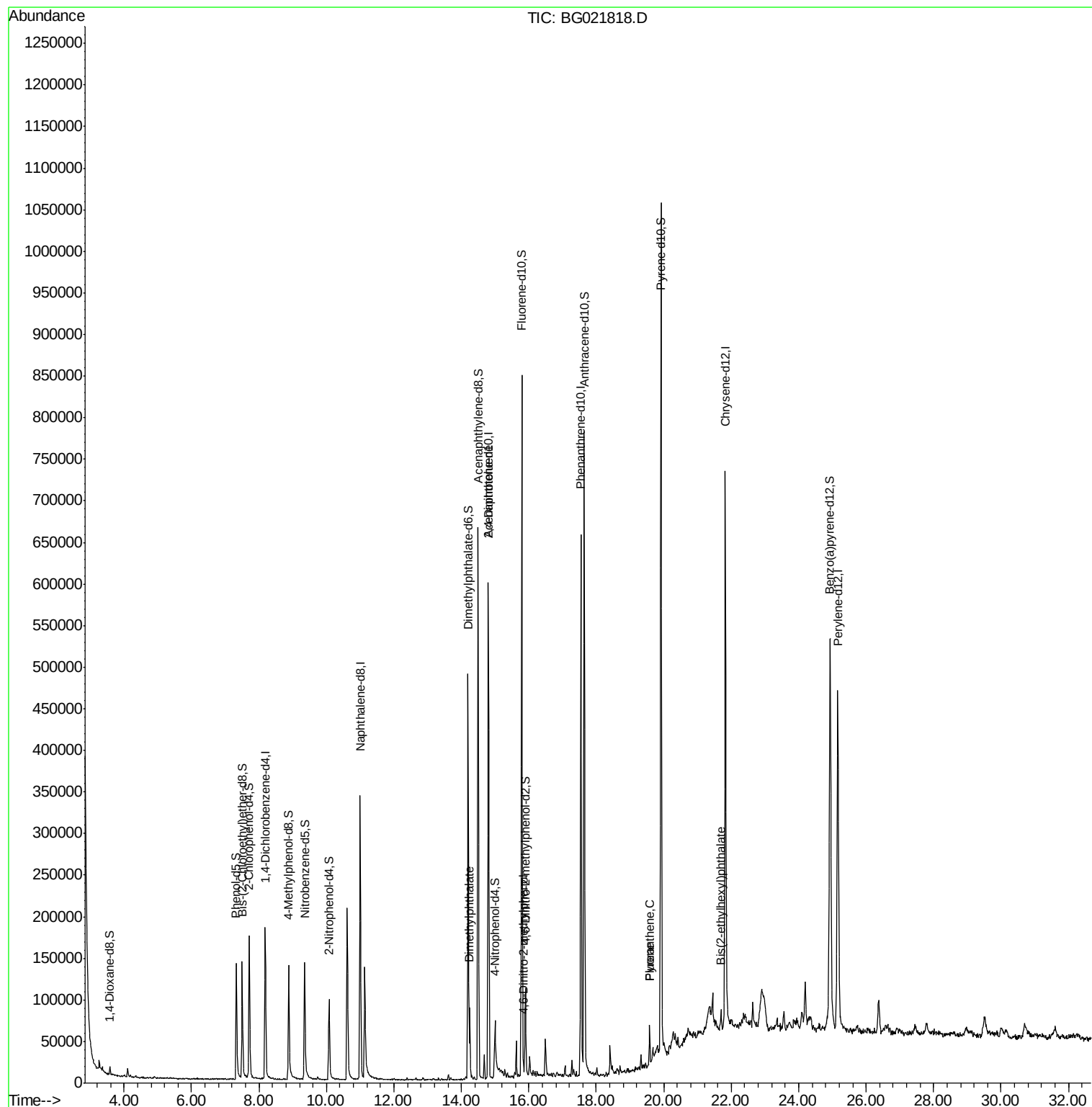
						Qvalue
45) Dimethylphthalate	14.25	163	72229	4.35	ng/ul	98
55) 2,4-Dinitrotoluene	14.80	165	30392	6.70	ng/ul#	25
64) 4,6-Dinitro-2-methylphenol	15.84	198	2701	1.89	ng/ul#	50
75) Fluoranthene	19.58	202	31195	1.06	ng/ul#	96
78) Pyrene	19.58	202	31195	1.17	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.70	149	11904	1.23	ng/ul	97

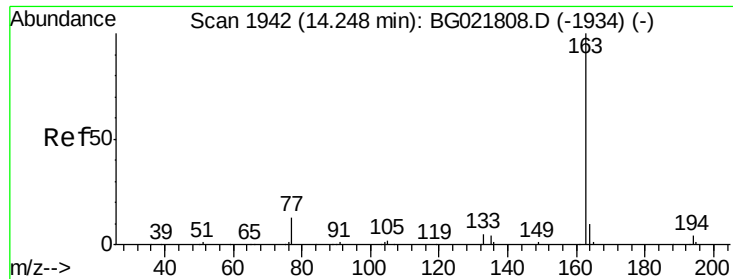
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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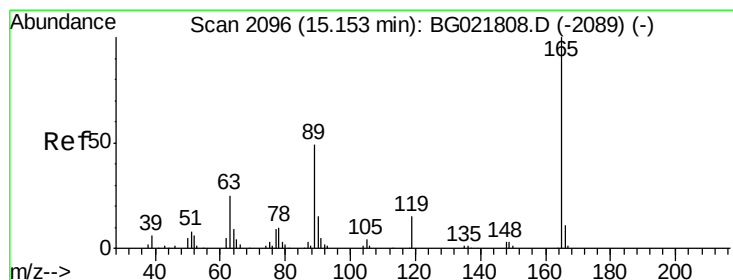
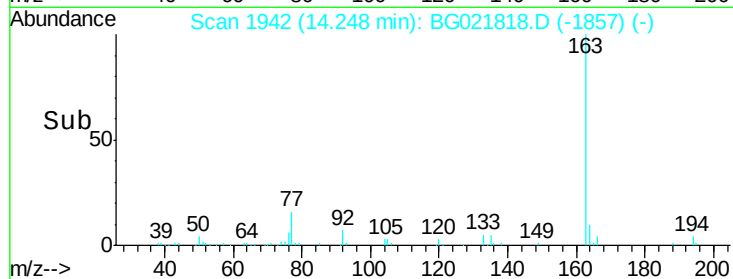
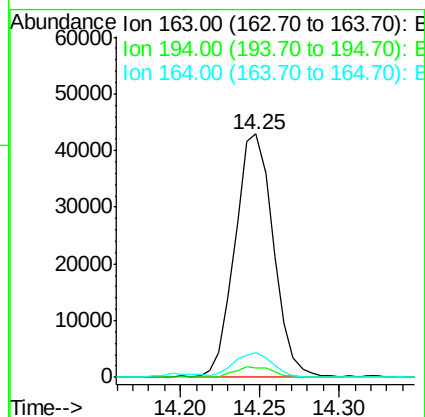
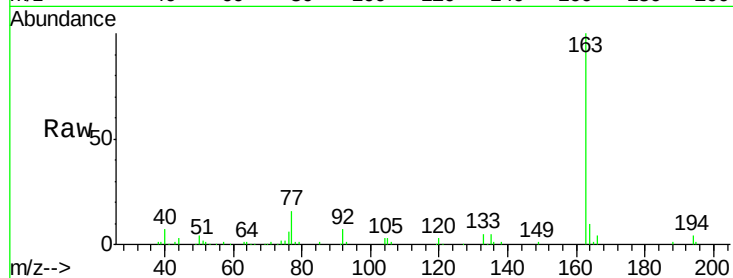




#45
 Dimethylphthalate
 Concen: 4.35 ng/ul
 RT: 14.25 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

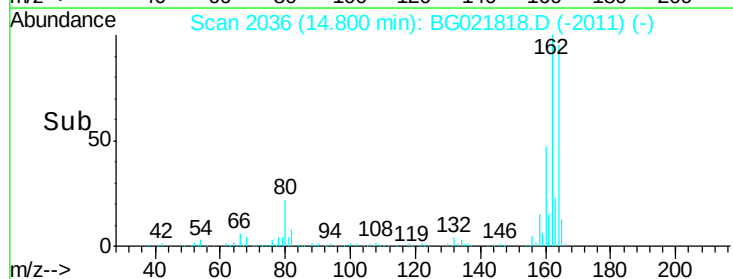
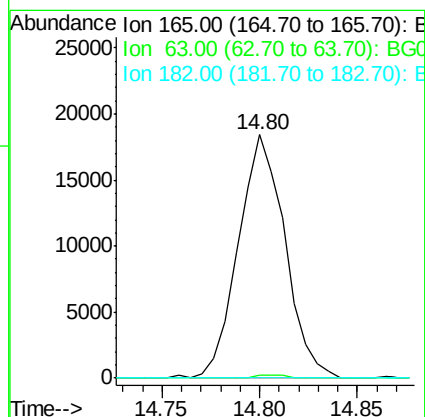
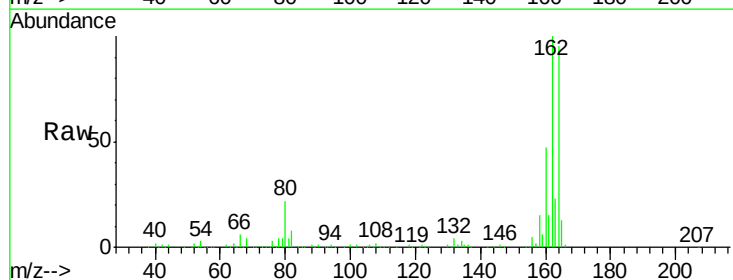
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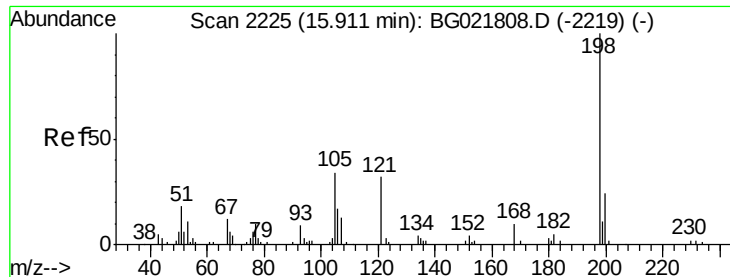
Tgt Ion:163 Resp: 72229
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.9 5.9
 164 10.1 8.7 13.1



#55
 2,4-Dinitrotoluene
 Concen: 6.70 ng/ul
 RT: 14.80 min Scan# 2036
 Delta R.T. -0.35 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

Tgt Ion:165 Resp: 30392
 Ion Ratio Lower Upper
 165 100
 63 1.0 48.1 72.1#
 182 0.0 2.2 3.2#

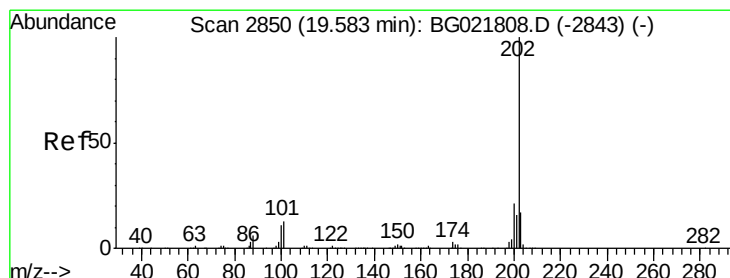
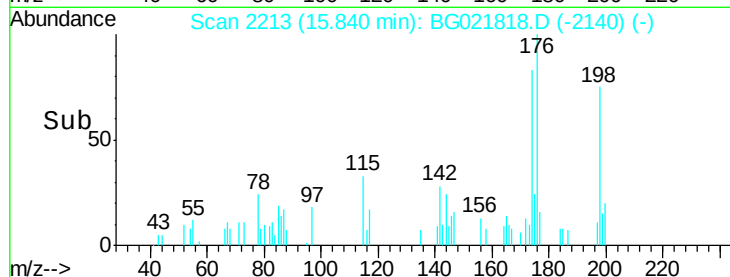
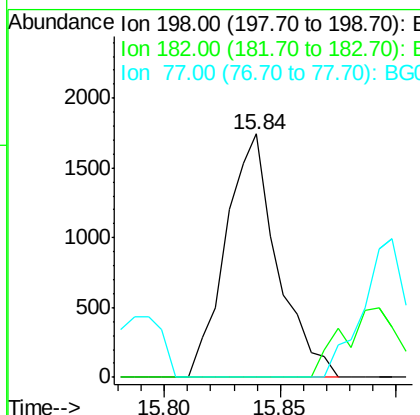
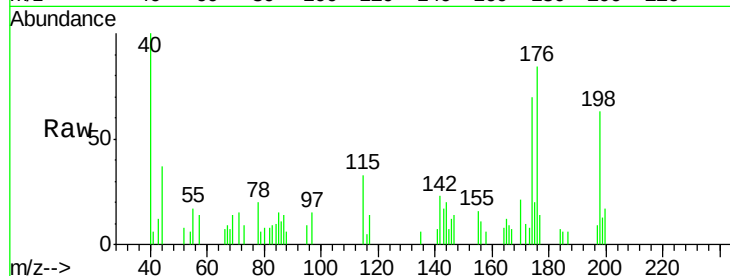




#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.89 ng/ul
 RT: 15.84 min Scan# 2213
 Delta R.T. -0.07 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

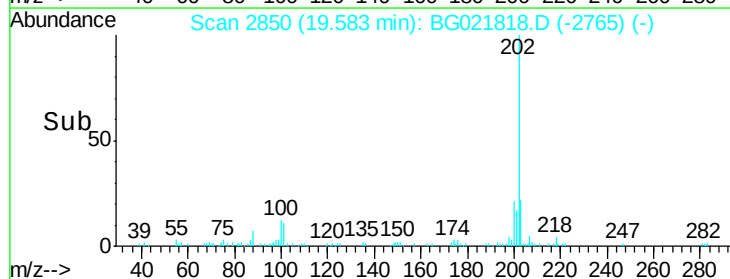
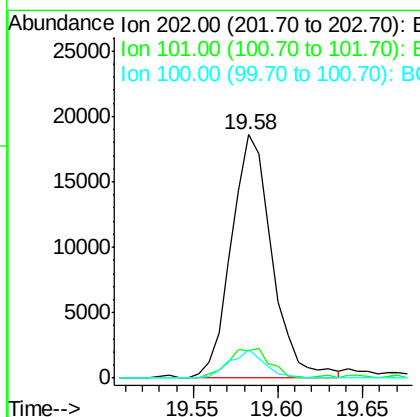
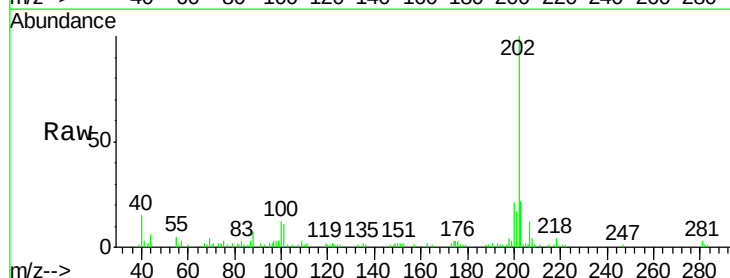
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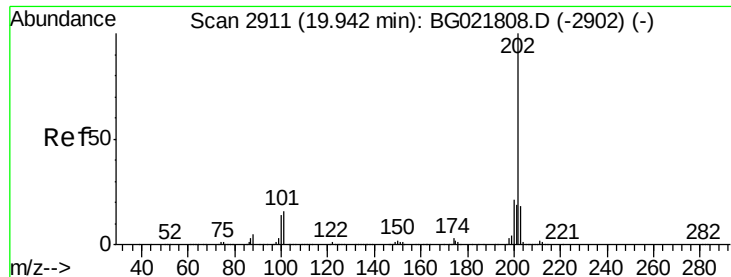
Tgt Ion:198 Resp: 2701
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.8 5.8#
 77 0.0 24.2 36.4#



#75
 Fluoranthene
 Concen: 1.06 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. -0.00 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

Tgt Ion:202 Resp: 31195
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.9 13.3
 100 11.9 7.0 10.4#

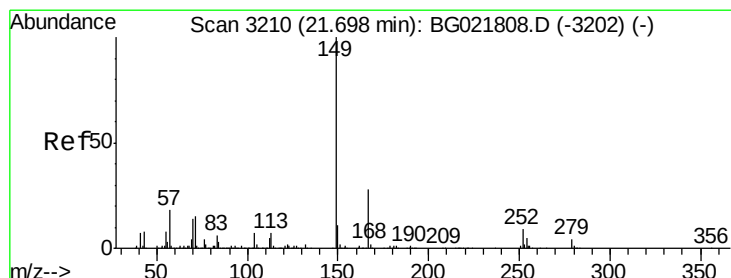
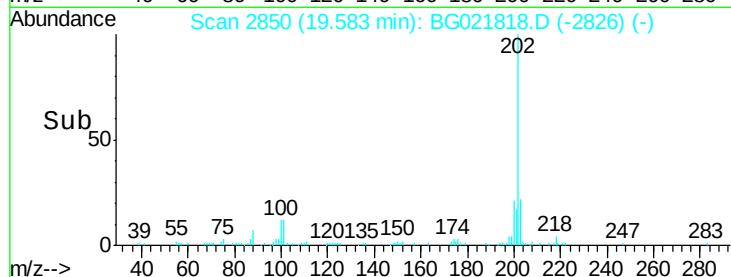
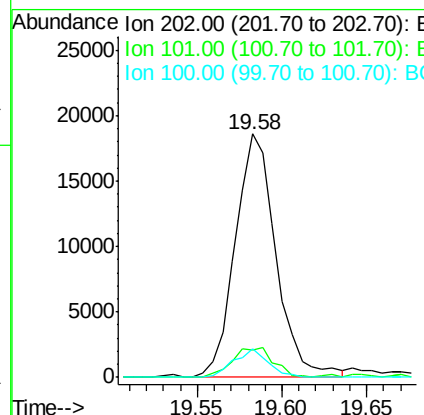
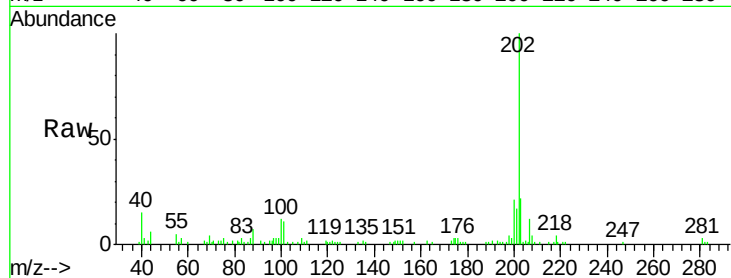




#78
 Pyrene
 Concen: 1.17 ng/ul
 RT: 19.58 min Scan# 2850
 Delta R.T. -0.36 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	11.9	9.3	13.9



#82
 Bis(2-ethylhexyl)phthalate
 Concen: 1.23 ng/ul
 RT: 21.70 min Scan# 3210
 Delta R.T. -0.00 min
 Lab File: BG021818.D
 Acq: 10 May 2016 16:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.5	30.7
279	4.1	3.7	5.5

