

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011909.D
 Acq On : 05 Oct 2017 02:31
 Operator : SJ/JU
 Sample : I5406-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 07:18:24 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 07:08:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	344057	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	1564389	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	942189	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	2108102	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1773591	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	1574529	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	24567	3.38	ng/uL	0.00
5) Phenol-d5	7.03	99	541671	18.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	348645	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	483566	20.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	434931	17.00	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	244300	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	281160	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	515821	20.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	561142	20.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	1729752	21.18	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	2044968	21.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	197959	13.88	ng/ul	0.00
57) Fluorene-d10	15.51	176	1469039	20.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	139210	9.81	ng/ul	0.00
70) Anthracene-d10	17.36	188	2224020	21.41	ng/ul	0.00
76) Pyrene-d10	19.65	212	2292506	28.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	1533248	20.24	ng/ul	0.01

Target Compounds

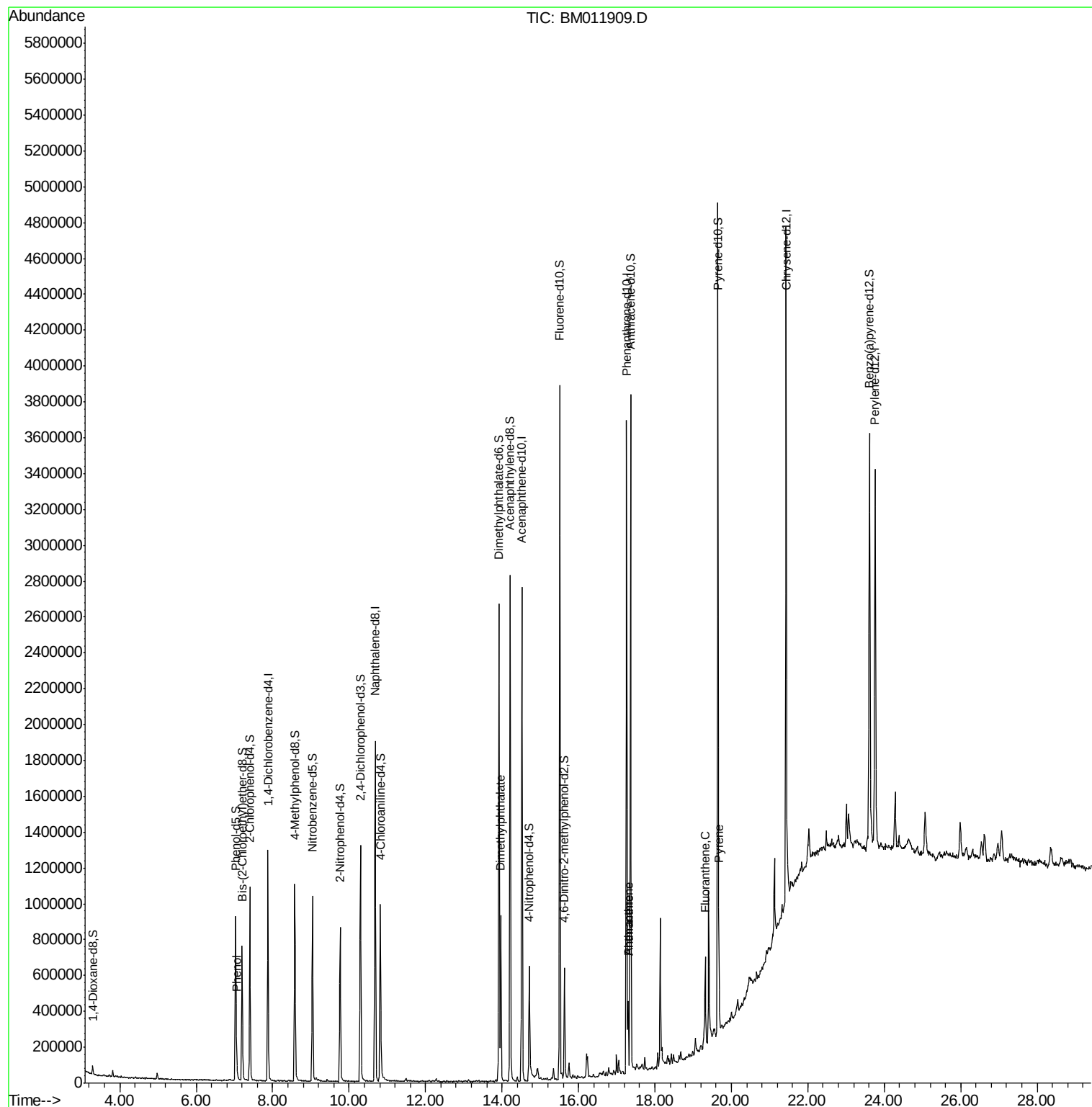
					Ovalue
6) Phenol	7.06	94	41017	1.400	ng/ul 92
44) Dimethylphthalate	13.97	163	579931	7.382	ng/ul 99
69) Phenanthrene	17.30	178	216703	1.869	ng/ul 98
71) Anthracene	17.30	178	216703	1.837	ng/ul 98
74) Fluoranthene	19.32	202	252324	1.783	ng/ul# 90
77) Pyrene	19.67	202	208812	2.123	ng/ul# 88

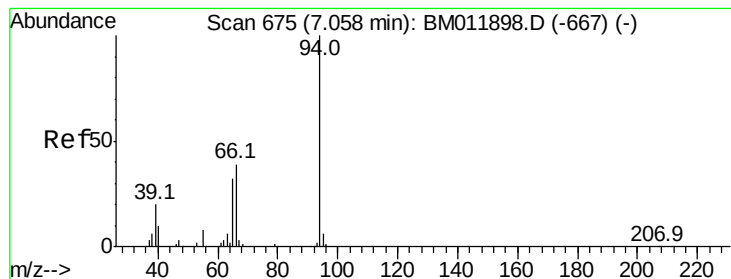
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.400 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM011909.D

Acq: 05 Oct 2017 02:31

Instrument :

BNA_M

ClientSampleId :

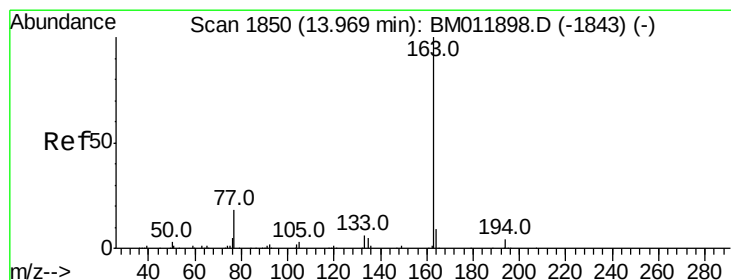
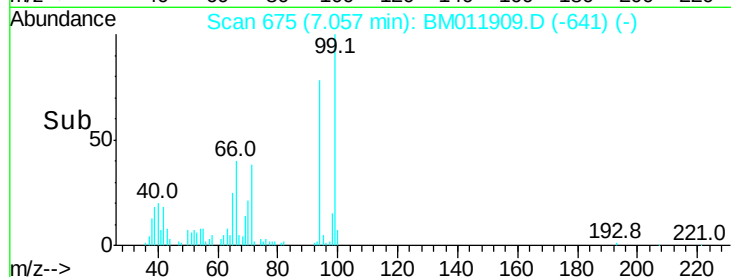
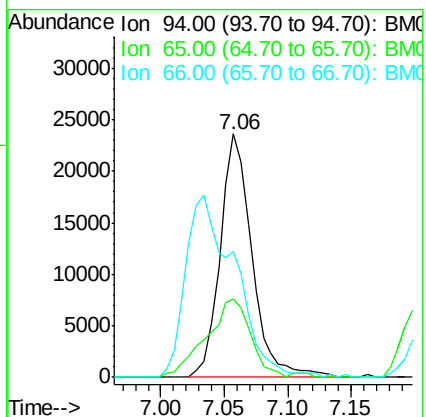
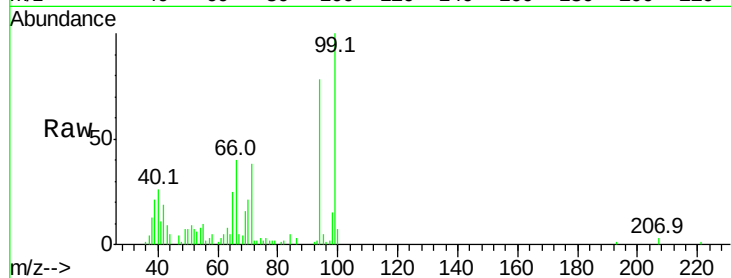
Tot Ion: 94 Resp: 41017

Ion Ratio Lower Upper

94 100

65 32.1 28.2 42.4

66 51.8 47.2 70.8



#44

Dimethylphthalate

Concen: 7.382 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM011909.D

Acq: 05 Oct 2017 02:31

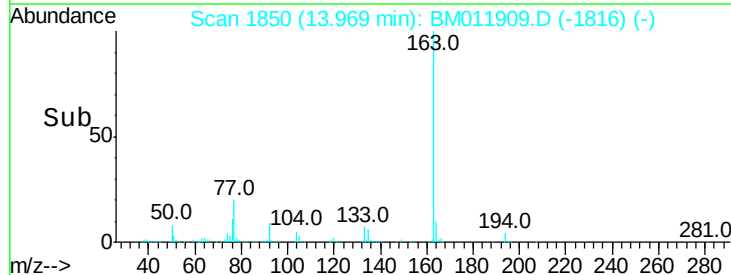
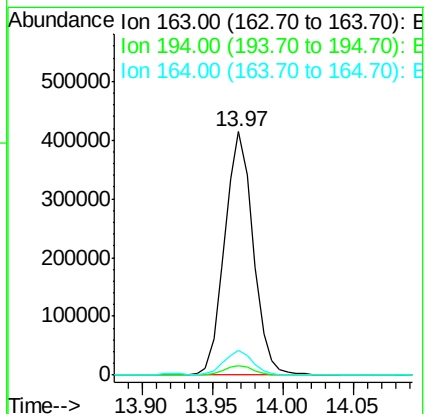
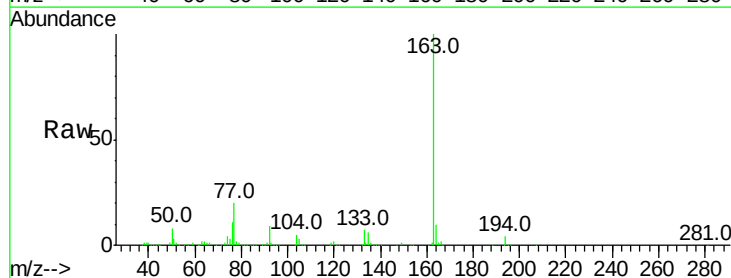
Tgt Ion: 163 Resp: 579931

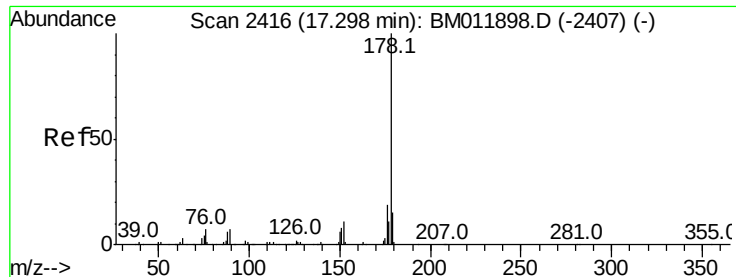
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.1 8.2 12.4





#69

Phenanthrene

Concen: 1.869 ng/ul

RT: 17.30 min Scan# 2417

Delta R.T. 0.01 min

Lab File: BM011909.D

Acq: 05 Oct 2017 02:31

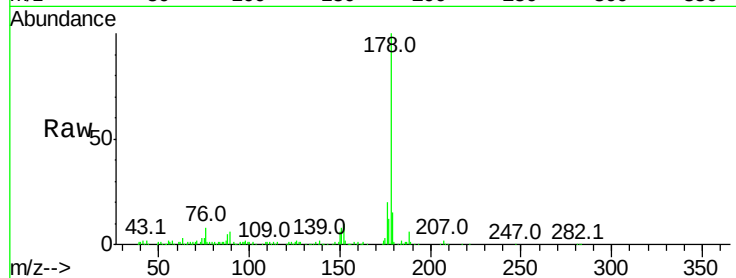
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 216703

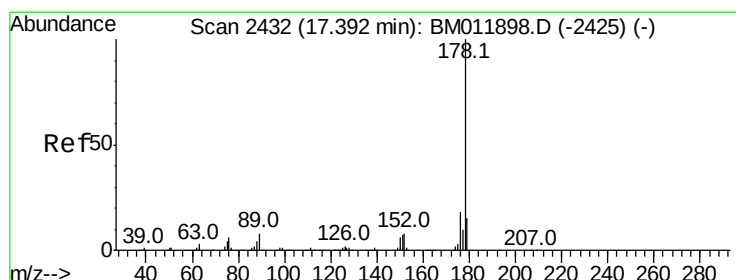
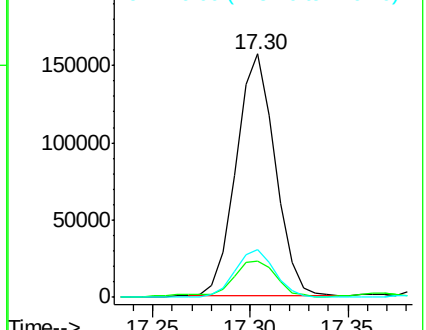
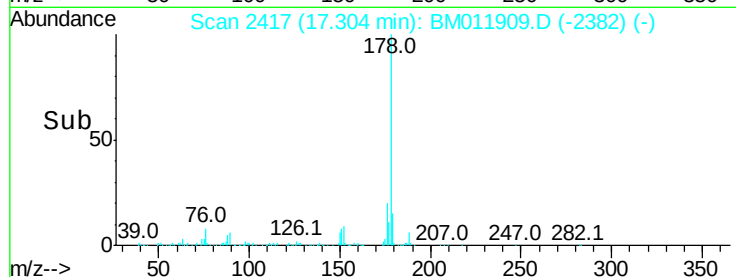
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.6	14.9	22.3



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



#71

Anthracene

Concen: 1.837 ng/ul

RT: 17.30 min Scan# 2417

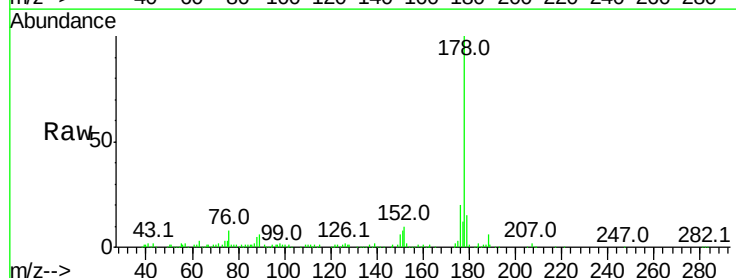
Delta R.T. -0.09 min

Lab File: BM011909.D

Acq: 05 Oct 2017 02:31

Tgt Ion:178 Resp: 216703

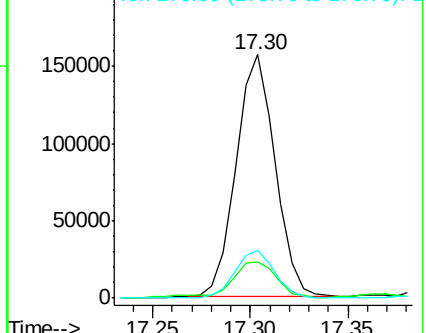
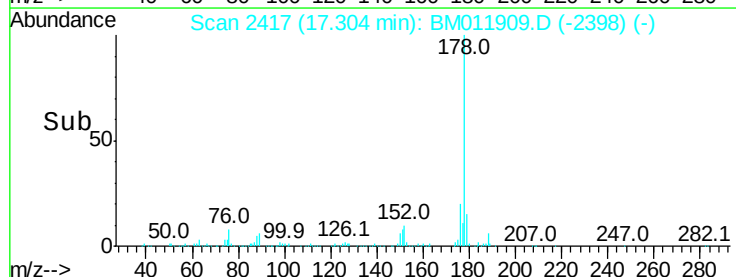
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	19.6	14.6	21.8

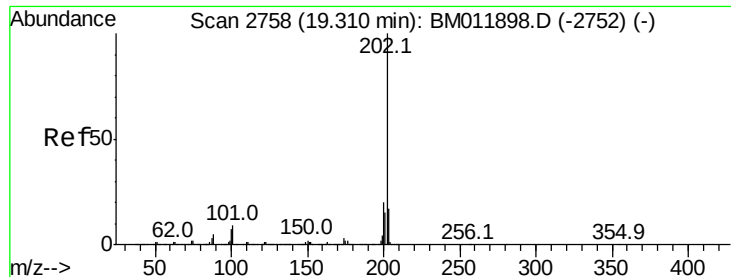


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

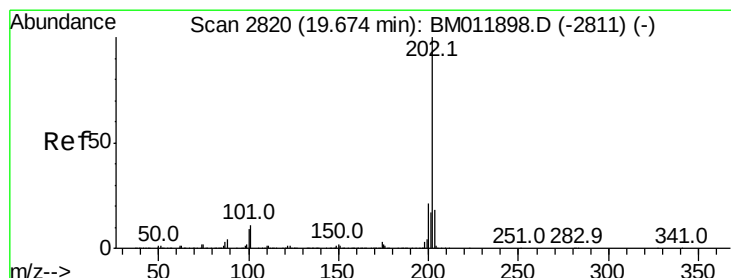
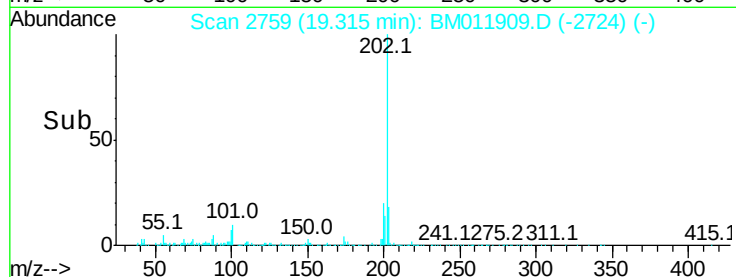
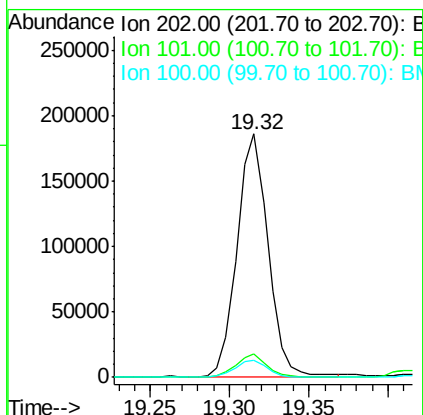
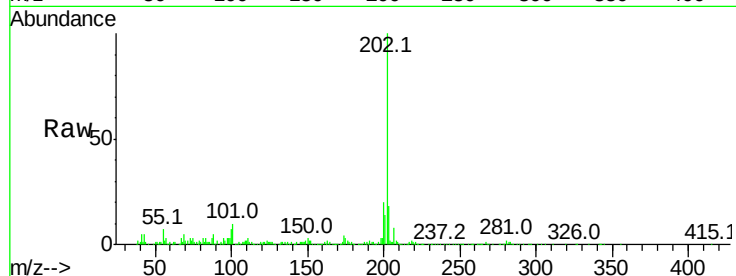




#74
 Fluoranthene
 Concen: 1.783 ng/ul
 RT: 19.32 min Scan# 2759
 Delta R.T. 0.01 min
 Lab File: BM011909.D
 Acq: 05 Oct 2017 02:31

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	4.6	7.0#
100	6.9	3.4	5.2#



#77
 Pyrene
 Concen: 2.123 ng/ul
 RT: 19.67 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM011909.D
 Acq: 05 Oct 2017 02:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	5.1	7.7#
100	9.8	4.9	7.3#

