

Data File : BM023866.D
Acq On : 22 Nov 2019 19:34
Operator : JU
Sample : K5784-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNB1

Quant Time: Nov 23 04:26:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 04:23:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	330993	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	1344124	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	821438	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1761505	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1705849	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2074713	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	42875	5.34	ng/uL	0.00
5) Phenol-d5	6.70	99	536607	17.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	313745	18.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	439356	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	358522	14.90	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	208397	21.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	232697	23.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	426019	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	388477	15.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1275651	19.91	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1574123	21.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	125972	11.52	ng/ul	0.01
58) Fluorene-d10	15.17	176	1167762	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	110936	10.89	ng/ul	0.00
71) Anthracene-d10	17.02	188	1758931	21.05	ng/ul	0.00
79) Pyrene-d10	19.33	212	1971929	22.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2336129	21.40	ng/ul	0.00

Target Compounds

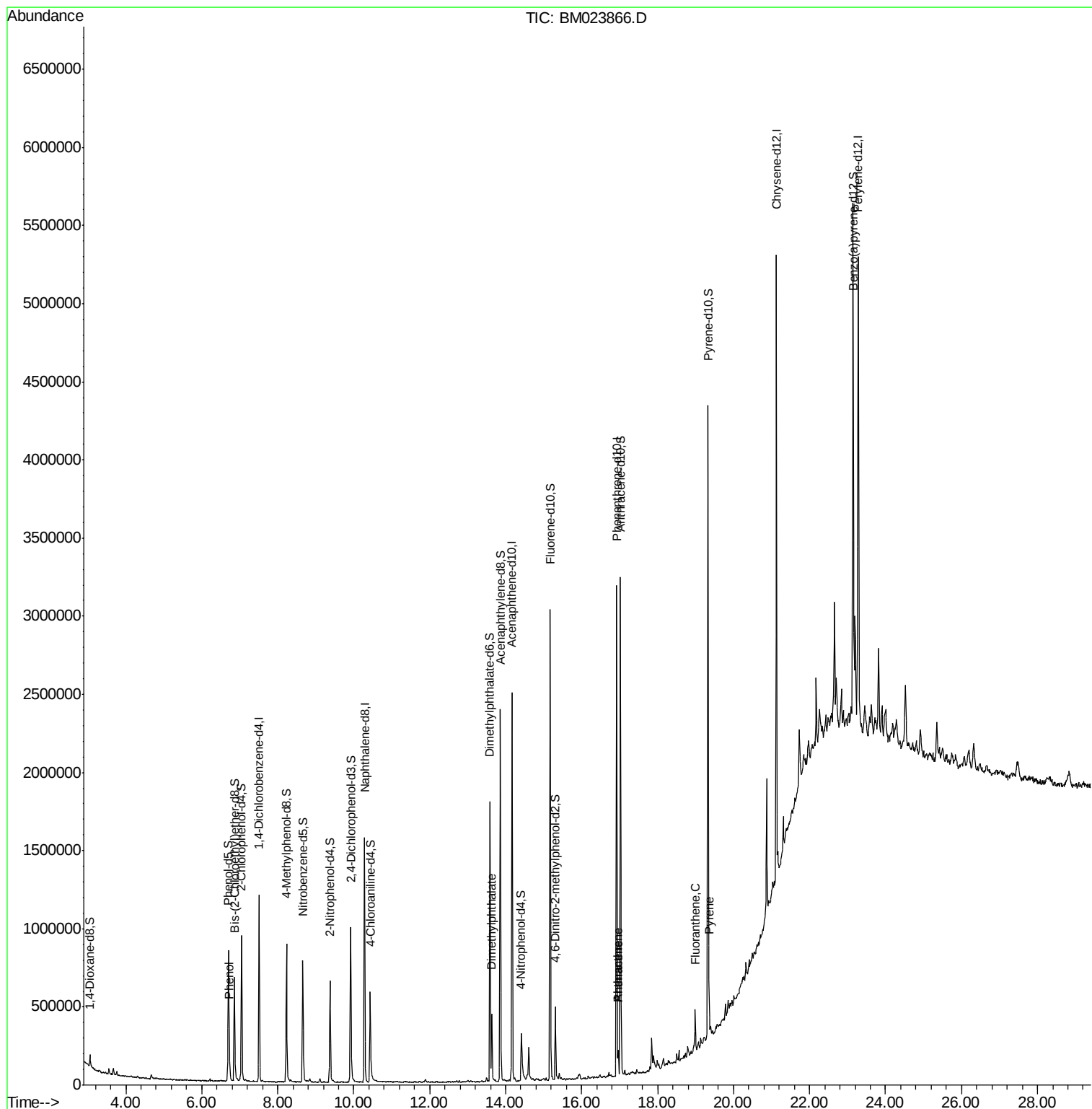
						Qvalue
6) Phenol	6.73	94	73159	2.354	ng/ul	92
45) Dimethylphthalate	13.63	163	288637	4.598	ng/ul	99
70) Phenanthrene	16.96	178	101655	1.048	ng/ul	97
72) Anthracene	16.96	178	102263	1.048	ng/ul	97
77) Fluoranthene	18.99	202	148753	1.431	ng/ul#	94
80) Pyrene	19.36	202	174327	1.581	ng/ul	96

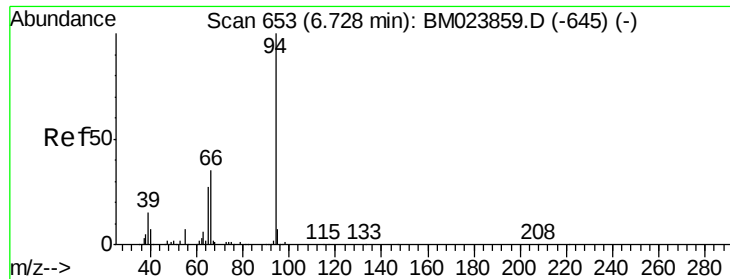
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.354 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.00 min

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Acq: 22 Nov 2019 19:34

Instrument :

BNA_M

ClientSampleId :

JLNB1

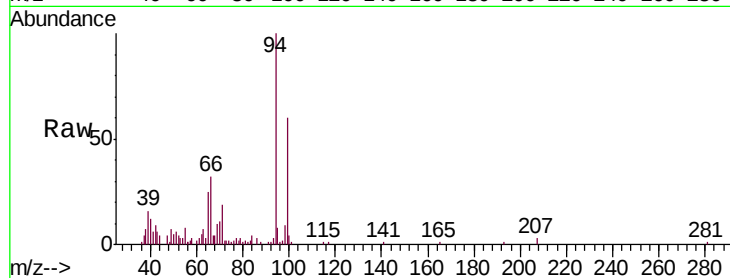
Tgt Ion: 94 Resp: 73159

Ion Ratio Lower Upper

94 100

65 24.9 21.4 32.2

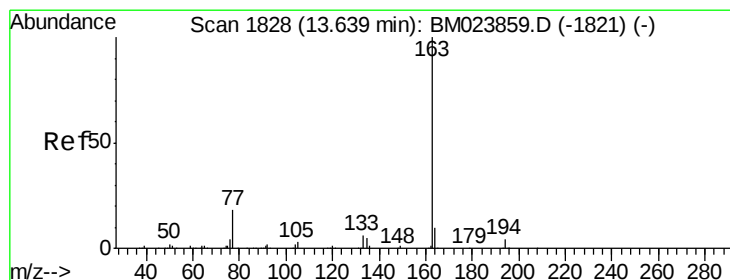
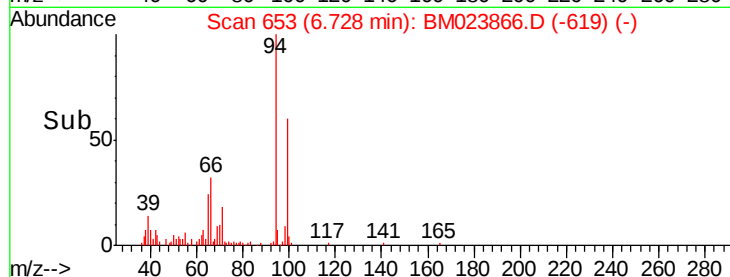
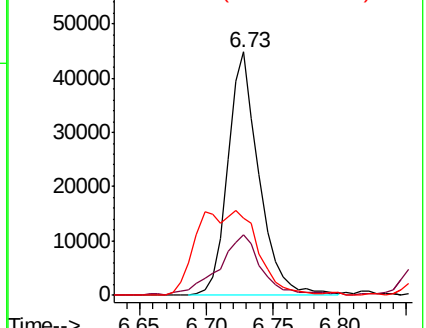
66 31.9 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023859.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM023859.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM023859.D (-645) (-)



#45

Dimethylphthalate

Concen: 4.598 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BM023866.D

Acq: 22 Nov 2019 19:34

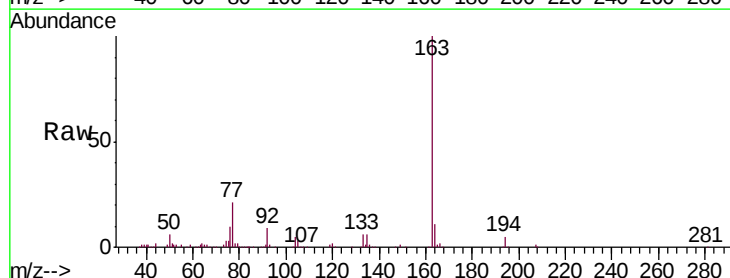
Tgt Ion: 163 Resp: 288637

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

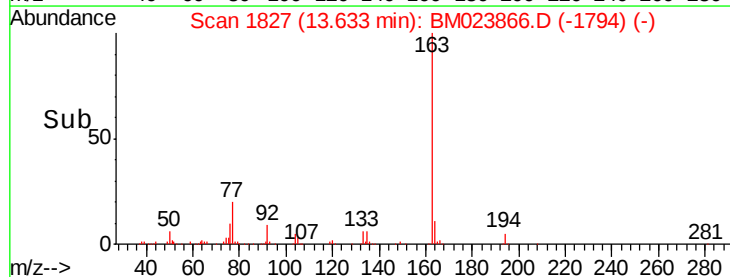
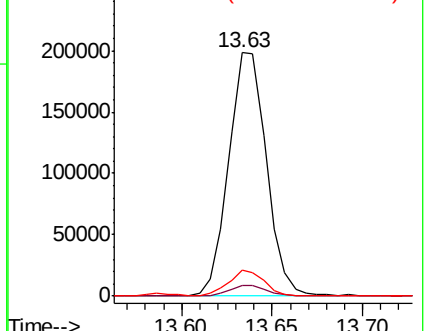
164 10.6 8.0 12.0

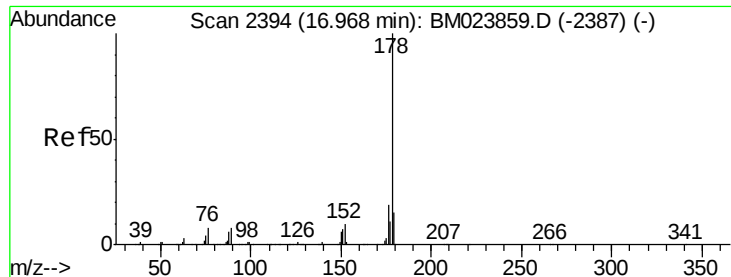


Abundance Ion 163.00 (162.70 to 163.70): BM023859.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM023859.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM023859.D (-1821) (-)





#70

Phenanthrene

Concen: 1.048 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BM023866.D

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Instrument :

BNA_M

ClientSampleId :

JLNB1

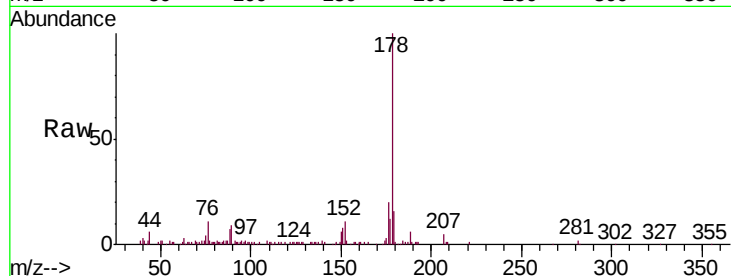
Tgt Ion:178 Resp: 101655

Ion Ratio Lower Upper

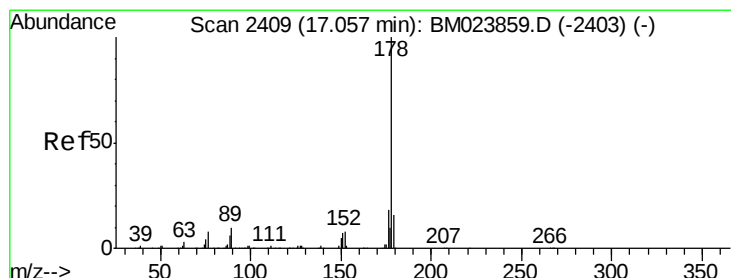
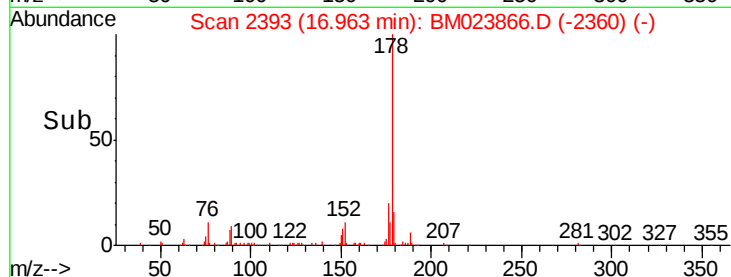
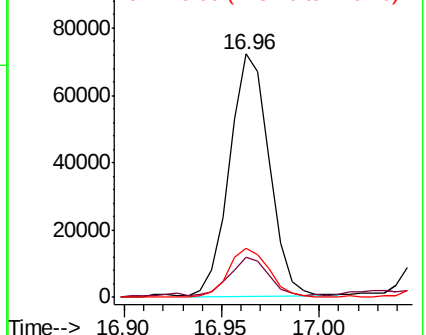
178 100

179 16.2 12.3 18.5

176 20.4 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



#72

Anthracene

Concen: 1.048 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. -0.09 min

Lab File: BM023866.D

Acq: 22 Nov 2019 19:34

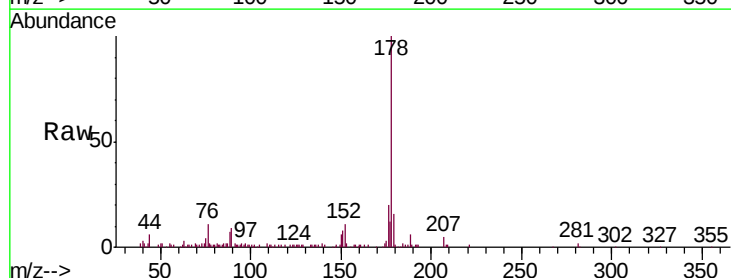
Tgt Ion:178 Resp: 102263

Ion Ratio Lower Upper

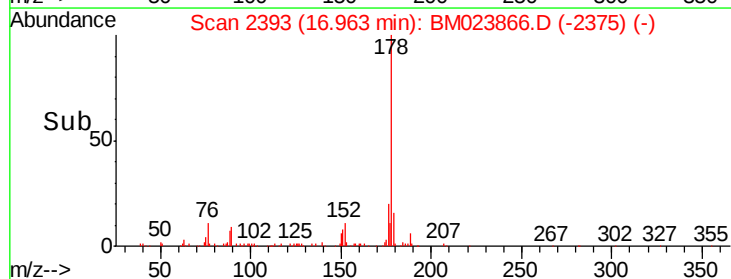
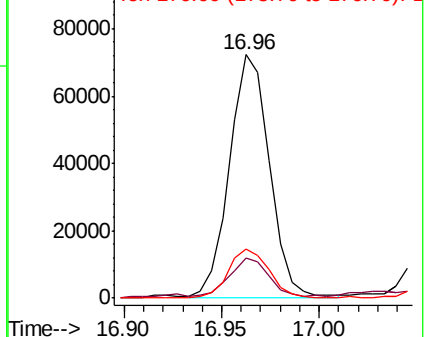
178 100

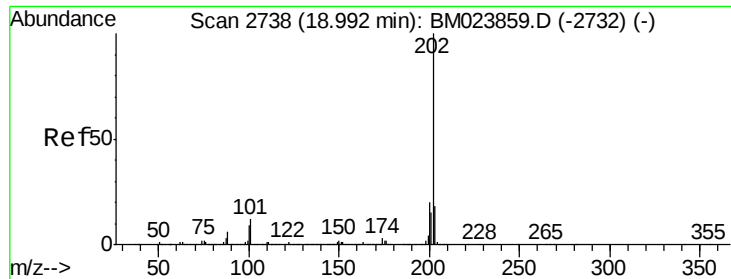
179 16.2 12.3 18.5

176 20.4 14.7 22.1



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

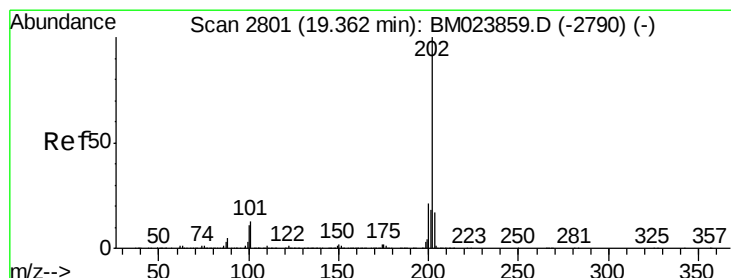
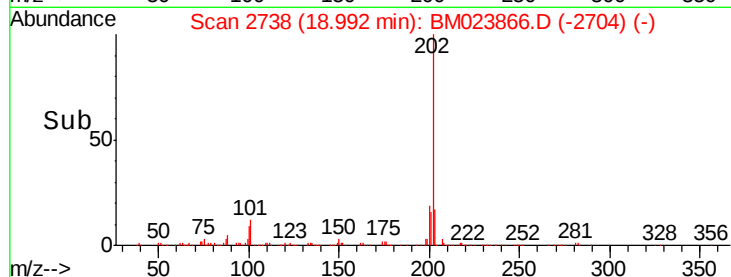
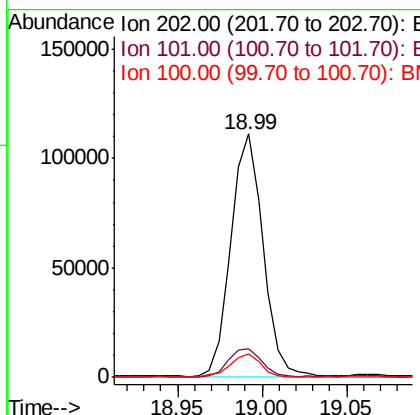
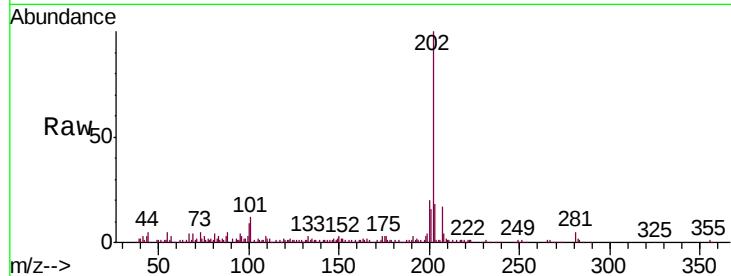




#77
 Fluoranthene
 Concen: 1.431 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BM023866.D
 Acq: 22 Nov 2019 19:34

Instrument :
 BNA_M
 ClientSampleId :
 JLNb1

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	7.7	11.5#
100	9.4	6.0	9.0#



#80
 Pyrene
 Concen: 1.581 ng/ul
 RT: 19.36 min Scan# 2800
 Delta R.T. -0.01 min
 Lab File: BM023866.D
 Acq: 22 Nov 2019 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.8	14.6
100	11.5	8.1	12.1

