

Data Path : Z:\HPCHEM1\BNA M\DATA\BM062617\
 Data File : BM010766.D
 Acq On : 27 Jun 2017 08:41
 Operator : SJ/JU
 Sample : I3756-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 27 14:08:07 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 02:29:28 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	66800	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	309827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	211354	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	554474	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	647627	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	525616	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	3608	3.09	ng/uL	0.00
5) Phenol-d5	6.64	99	99652	15.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	60193	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	77742	17.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	87782	16.64	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	41180	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	48009	18.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	97578	18.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	113468	20.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	379098	20.43	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	431592	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	47885	14.67	ng/ul	0.00
57) Fluorene-d10	15.11	176	330071	20.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	53775	15.79	ng/ul	0.00
70) Anthracene-d10	16.96	188	540661	20.19	ng/ul	0.00
76) Pyrene-d10	19.27	212	661830	22.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	531877	20.94	ng/ul	0.00

Target Compounds

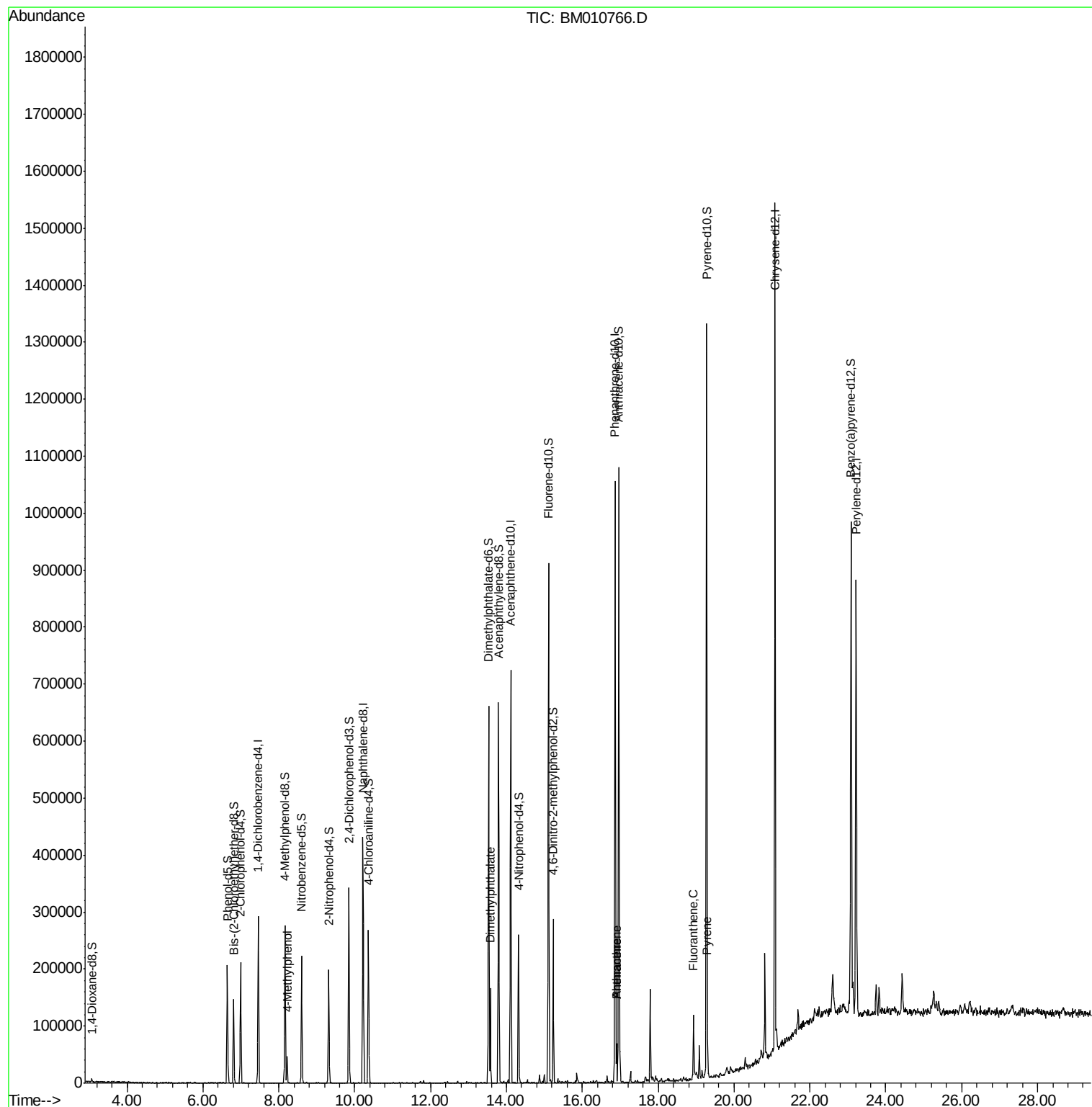
						Ovalue
16) 4-Methylphenol	8.22	108	15363	2.80	ng/ul	99
44) Dimethylphthalate	13.57	163	87827	4.83	ng/ul	96
69) Phenanthrene	16.90	178	37724	1.28	ng/ul	96
71) Anthracene	16.90	178	37724	1.24	ng/ul	97
74) Fluoranthene	18.93	202	59706	1.57	ng/ul#	94
77) Pyrene	19.30	202	48548	1.30	ng/ul#	94

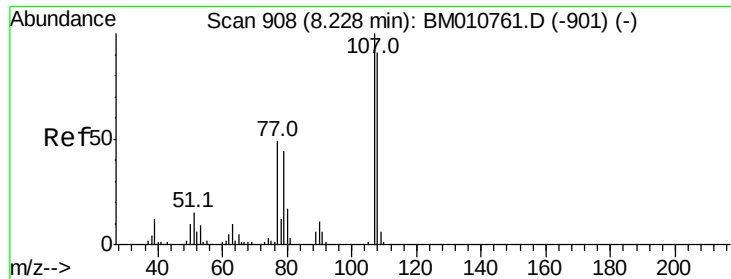
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

4-Methylphenol

Concen: 2.80 ng/ul

RT: 8.22 min Scan# 907

Delta R.T. -0.01 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

Instrument :

BNA_M

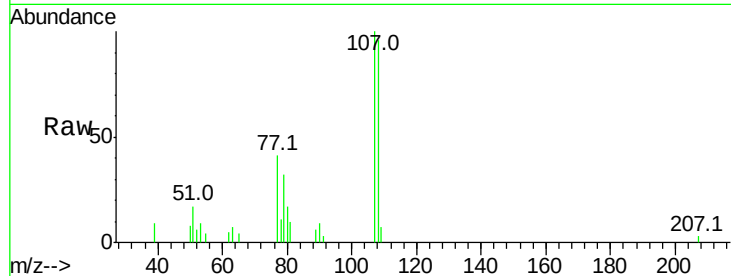
ClientSampled :

Tot Ion:108 Resp: 15363

Ion Ratio Lower Upper

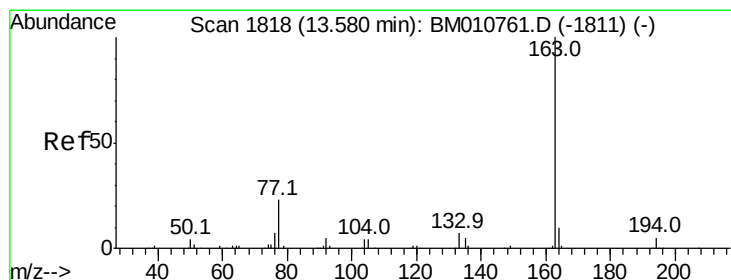
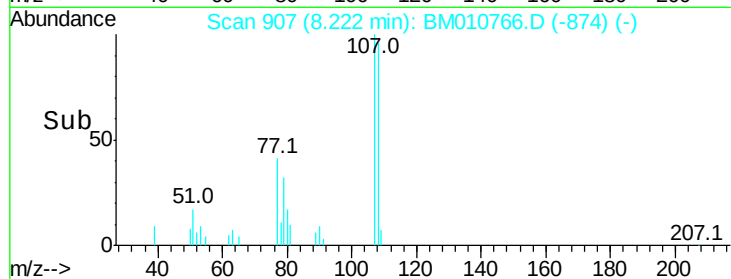
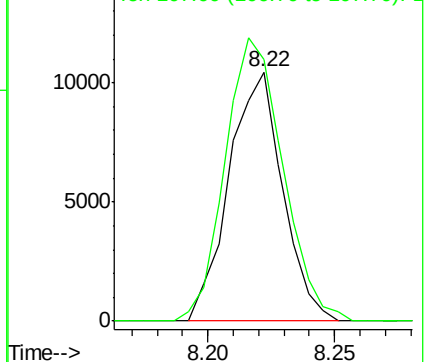
108 100

107 104.7 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#44

Dimethylphthalate

Concen: 4.83 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

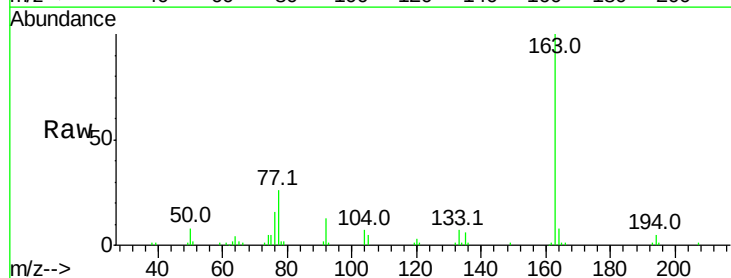
Tgt Ion:163 Resp: 87827

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

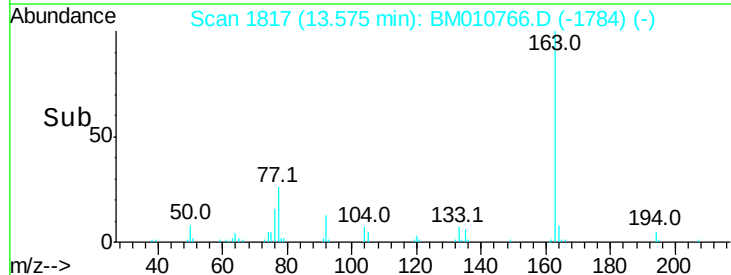
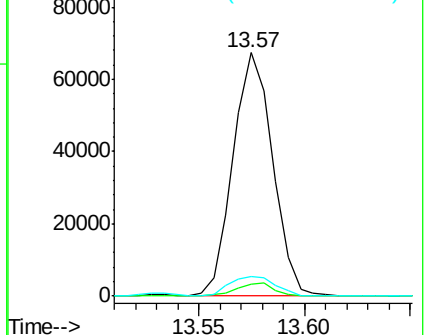
164 8.3 8.2 12.4

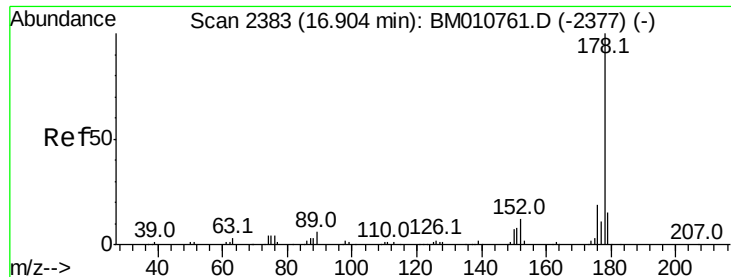


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 1.28 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

Instrument :

BNA_M

ClientSampleId :

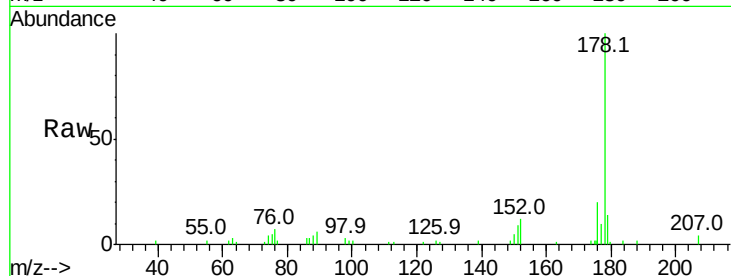
Tot Ion:178 Resp: 37724

Ion Ratio Lower Upper

178 100

179 13.6 12.6 19.0

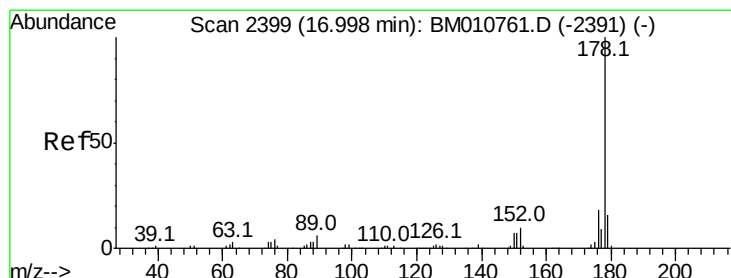
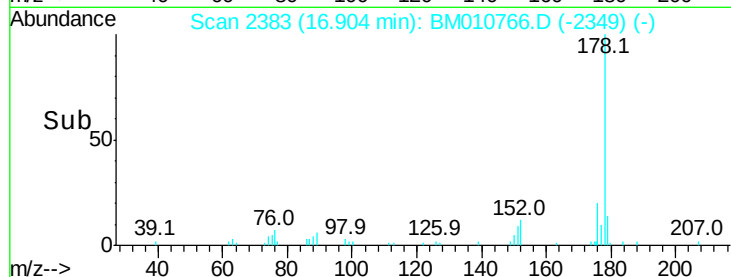
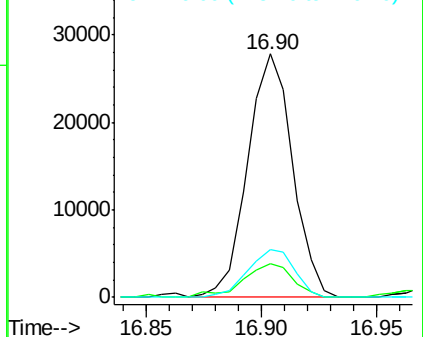
176 19.8 14.9 22.3



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: 1.24 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.09 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

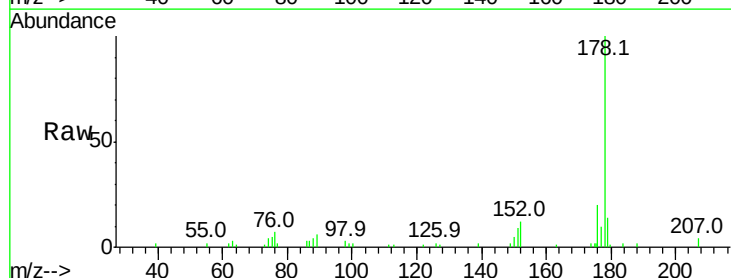
Tgt Ion:178 Resp: 37724

Ion Ratio Lower Upper

178 100

179 13.6 11.7 17.5

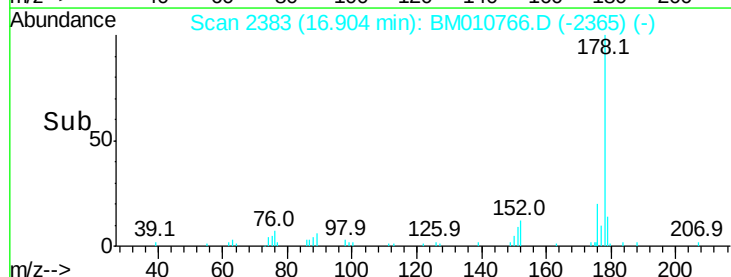
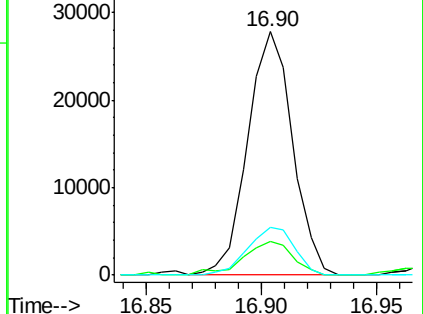
176 19.8 14.6 21.8

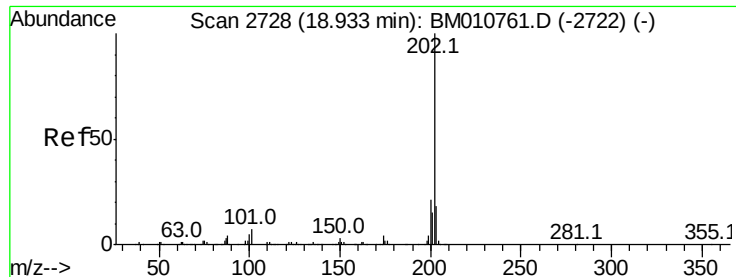


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.57 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

Instrument :

BNA_M

ClientSampleId :

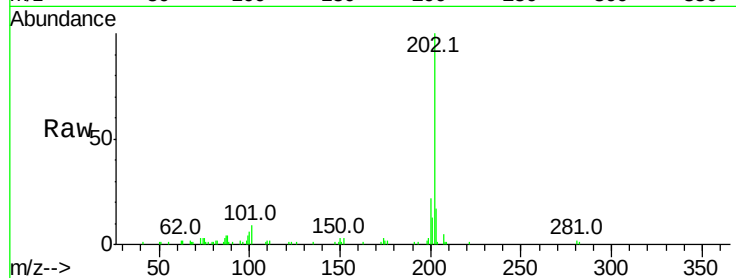
Tot Ion:202 Resp: 59706

Ion Ratio Lower Upper

202 100

101 8.5 4.6 7.0#

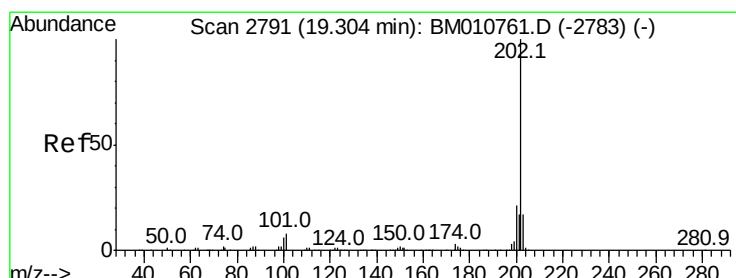
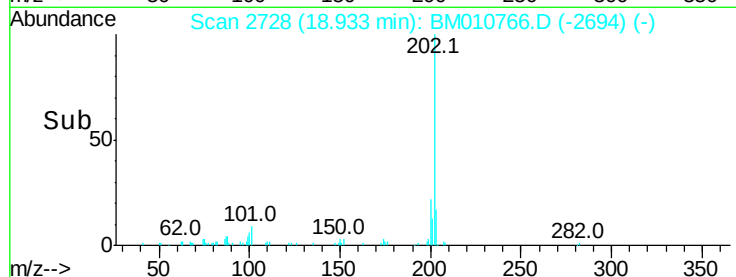
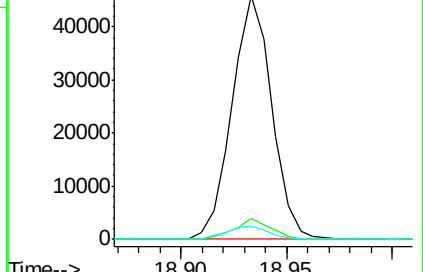
100 5.6 3.4 5.2#



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



#77

Pyrene

Concen: 1.30 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010766.D

Acq: 27 Jun 2017 08:41

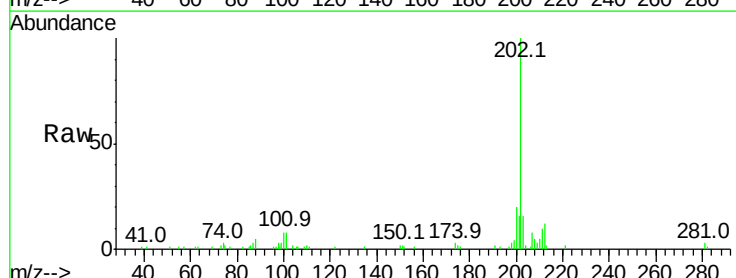
Tgt Ion:202 Resp: 48548

Ion Ratio Lower Upper

202 100

101 8.5 5.1 7.7#

100 7.9 4.9 7.3#



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

