

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052120\
 Data File : BM026061.D
 Acq On : 21 May 2020 17:02
 Operator : MA/SJ
 Sample : L2725-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B18

Quant Time: May 21 17:34:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 21 10:18:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	159351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	669111	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	399802	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	879725	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	930905	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	979014	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	23938	4.53	ng/uL	0.00
5) Phenol-d5	6.69	99	108078	7.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	286599	28.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	271729	24.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	197601	18.14	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	158368	29.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	163868	30.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	311671	28.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	15320	1.39	ng/ul	0.01
44) Dimethylphthalate-d6	13.56	166	1037039	32.35	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1209025	31.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	36215	6.38	ng/ul	0.00
58) Fluorene-d10	15.15	176	884786	31.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	142629	27.81	ng/ul	0.00
71) Anthracene-d10	16.99	188	1385806	31.97	ng/ul	0.00
79) Pyrene-d10	19.29	212	1612955	33.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1757260	33.72	ng/ul	0.00

Target Compounds

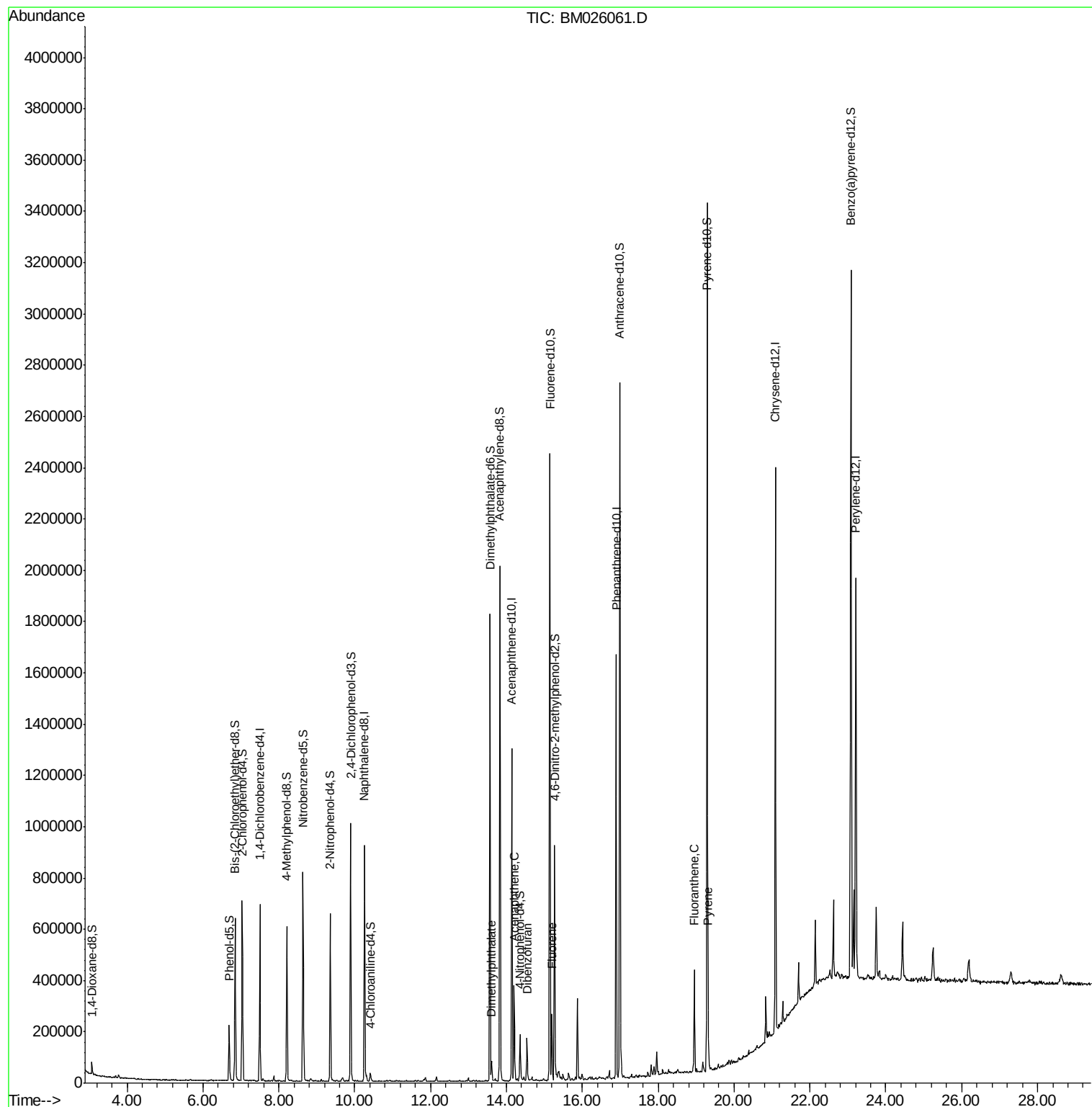
						Qvalue
45) Dimethylphthalate	13.61	163	40933	1.22	ng/ul	99
50) Acenaphthene	14.20	153	132553	4.51	ng/ul	97
54) Dibenzofuran	14.55	168	93447	2.26	ng/ul	98
59) Fluorene	15.20	166	101072	3.02	ng/ul	99
77) Fluoranthene	18.96	202	222016	3.82	ng/ul	99
80) Pyrene	19.32	202	134219	2.05	ng/ul	99

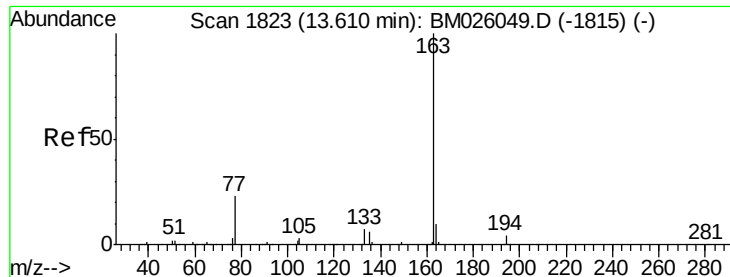
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.22 ng/ul

RT: 13.61 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

Instrument :

BNA_M

ClientSampleId :

F9B18

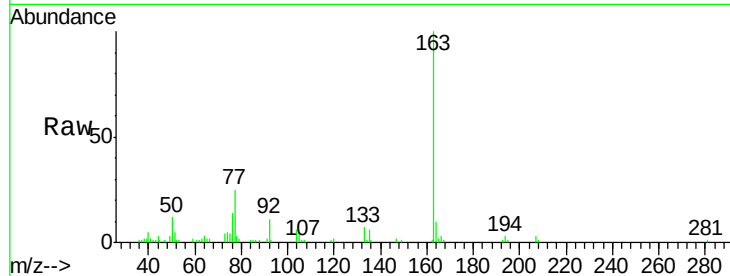
Tgt Ion:163 Resp: 40933

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

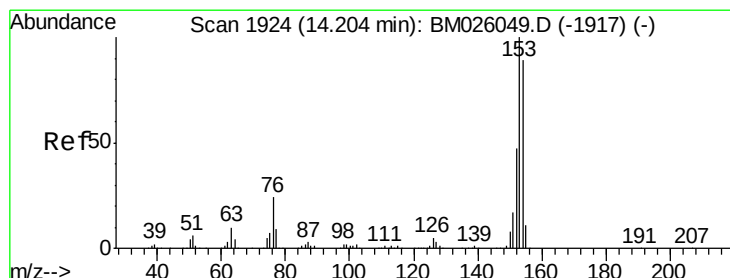
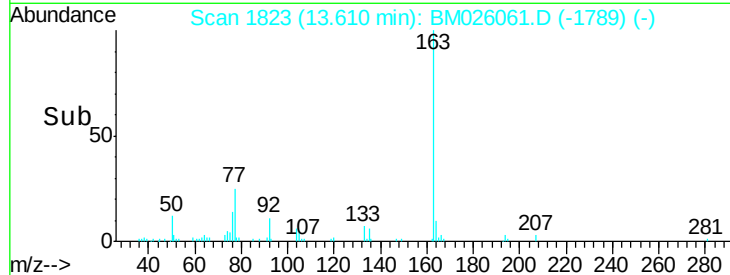
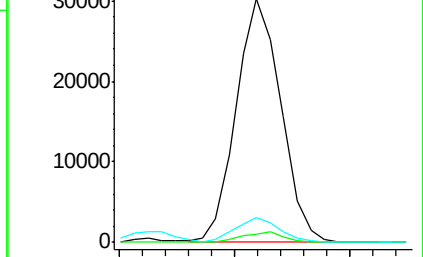
164 10.1 8.0 12.0



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



#50

Acenaphthene

Concen: 4.51 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

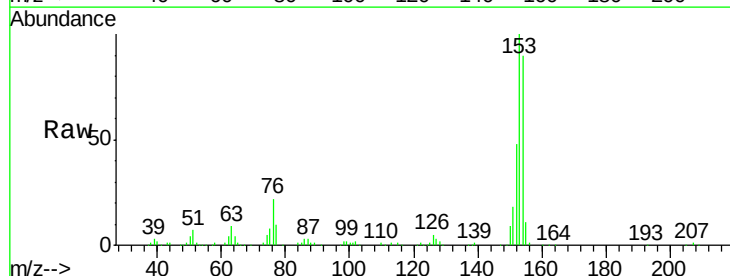
Tgt Ion:153 Resp: 132553

Ion Ratio Lower Upper

153 100

152 48.2 37.2 55.8

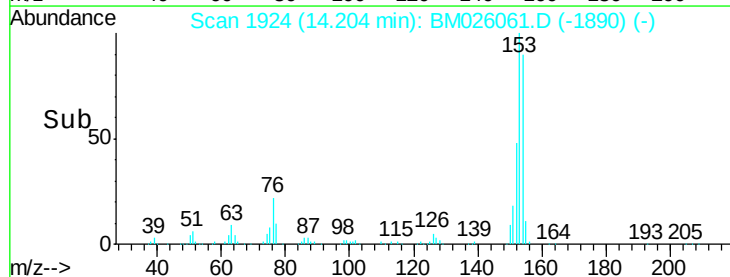
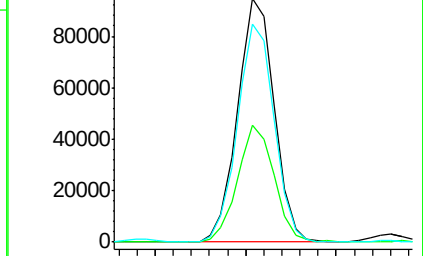
154 89.7 69.8 104.8

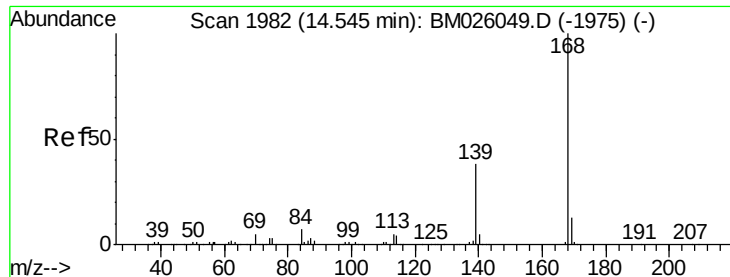


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.26 ng/ul

RT: 14.55 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

Instrument :

BNA_M

ClientSampleId :

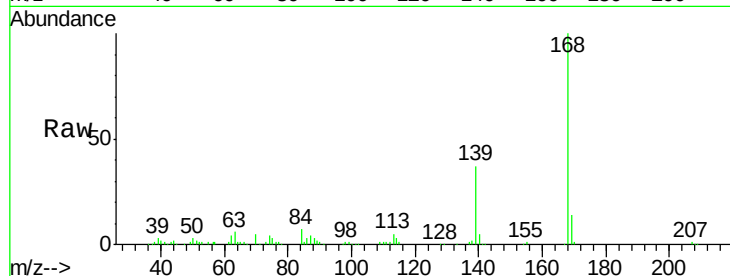
F9B18

Tgt Ion:168 Resp: 93447

Ion Ratio Lower Upper

168 100

139 37.0 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

80000

60000

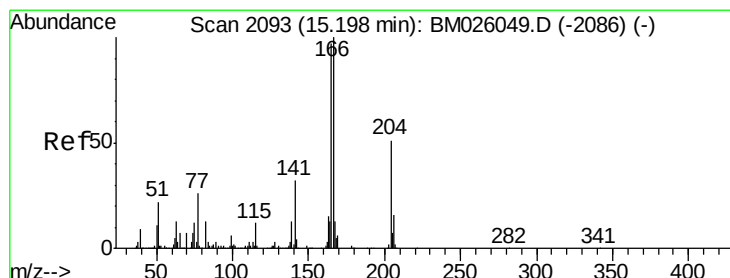
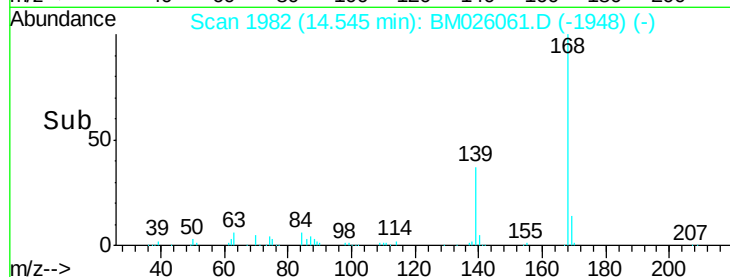
40000

20000

0

14.50 14.55 14.60

Time-->



#59

Fluorene

Concen: 3.02 ng/ul

RT: 15.20 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

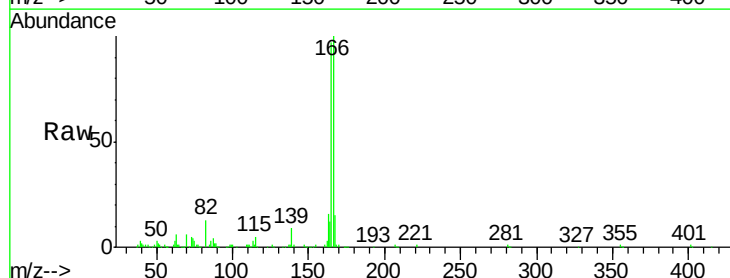
Tgt Ion:166 Resp: 101072

Ion Ratio Lower Upper

166 100

165 96.9 77.3 115.9

167 15.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

100000

80000

60000

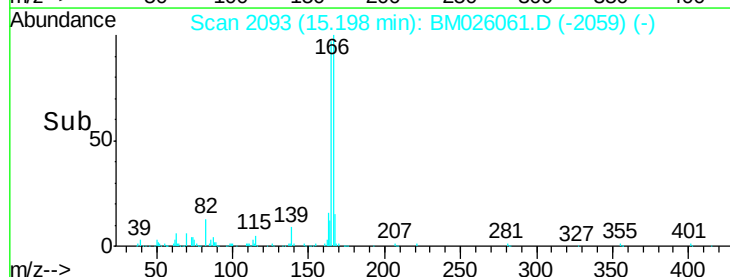
40000

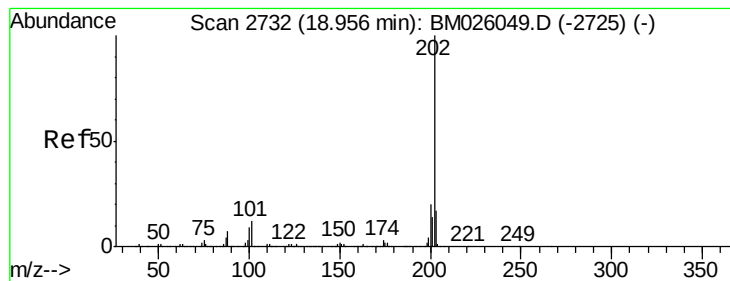
20000

0

15.15 15.20 15.25

Time-->





#77

Fluoranthene

Concen: 3.82 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

Instrument :

BNA_M

ClientSampleId :

F9B18

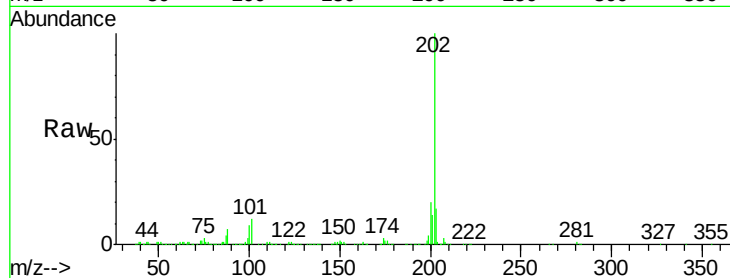
Tgt Ion:202 Resp: 222016

Ion Ratio Lower Upper

202 100

101 12.3 9.5 14.3

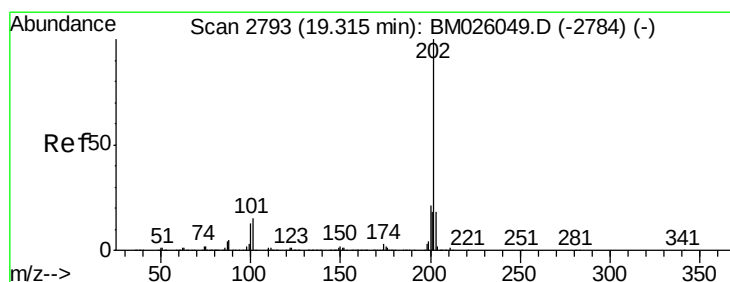
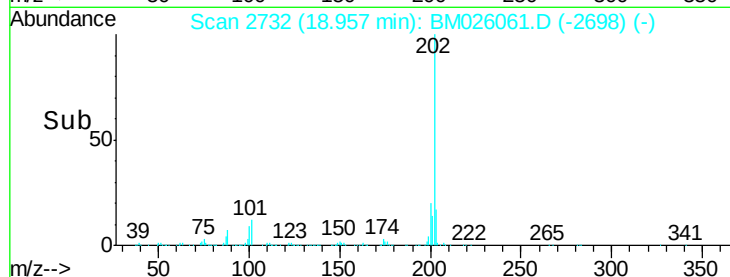
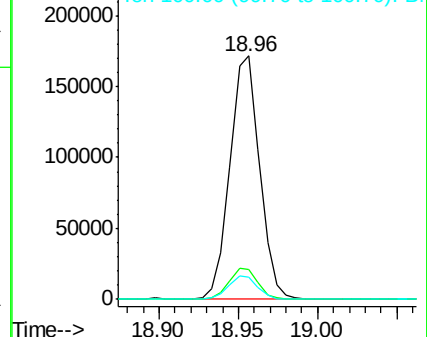
100 8.9 7.6 11.4



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



#80

Pyrene

Concen: 2.05 ng/ul

RT: 19.32 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM026061.D

Acq: 21 May 2020 17:02

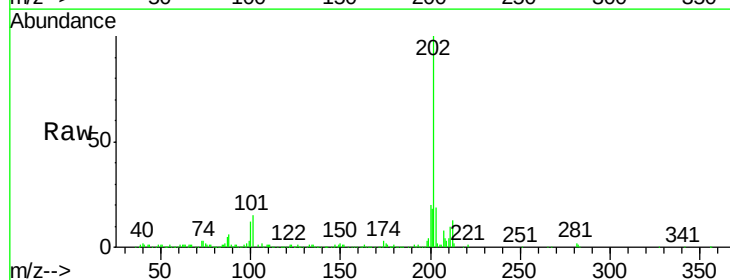
Tgt Ion:202 Resp: 134219

Ion Ratio Lower Upper

202 100

101 15.1 12.2 18.4

100 12.3 10.2 15.4



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

