

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062320\
 Data File : BM026520.D
 Acq On : 24 Jun 2020 04:07
 Operator : JU/CG
 Sample : L3069-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB7G4

Quant Time: Jun 24 05:41:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 24 00:41:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	133626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	622039	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	408992	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	893058	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	872911	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	726892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.97	96	18897	4.96	ng/uL	0.00
5) Phenol-d5	6.59	99	97085	7.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	179515	23.05	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	188630	18.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	158756	16.38	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	109663	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	124648	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	232961	20.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	263447	22.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	791755	23.02	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	847629	20.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	35347	6.20	ng/ul	0.03
58) Fluorene-d10	15.04	176	613264	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	95989	16.42	ng/ul	0.00
71) Anthracene-d10	16.89	188	955834	21.03	ng/ul	0.00
79) Pyrene-d10	19.20	212	1061452	22.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	617633	15.37	ng/ul	0.00

Target Compounds

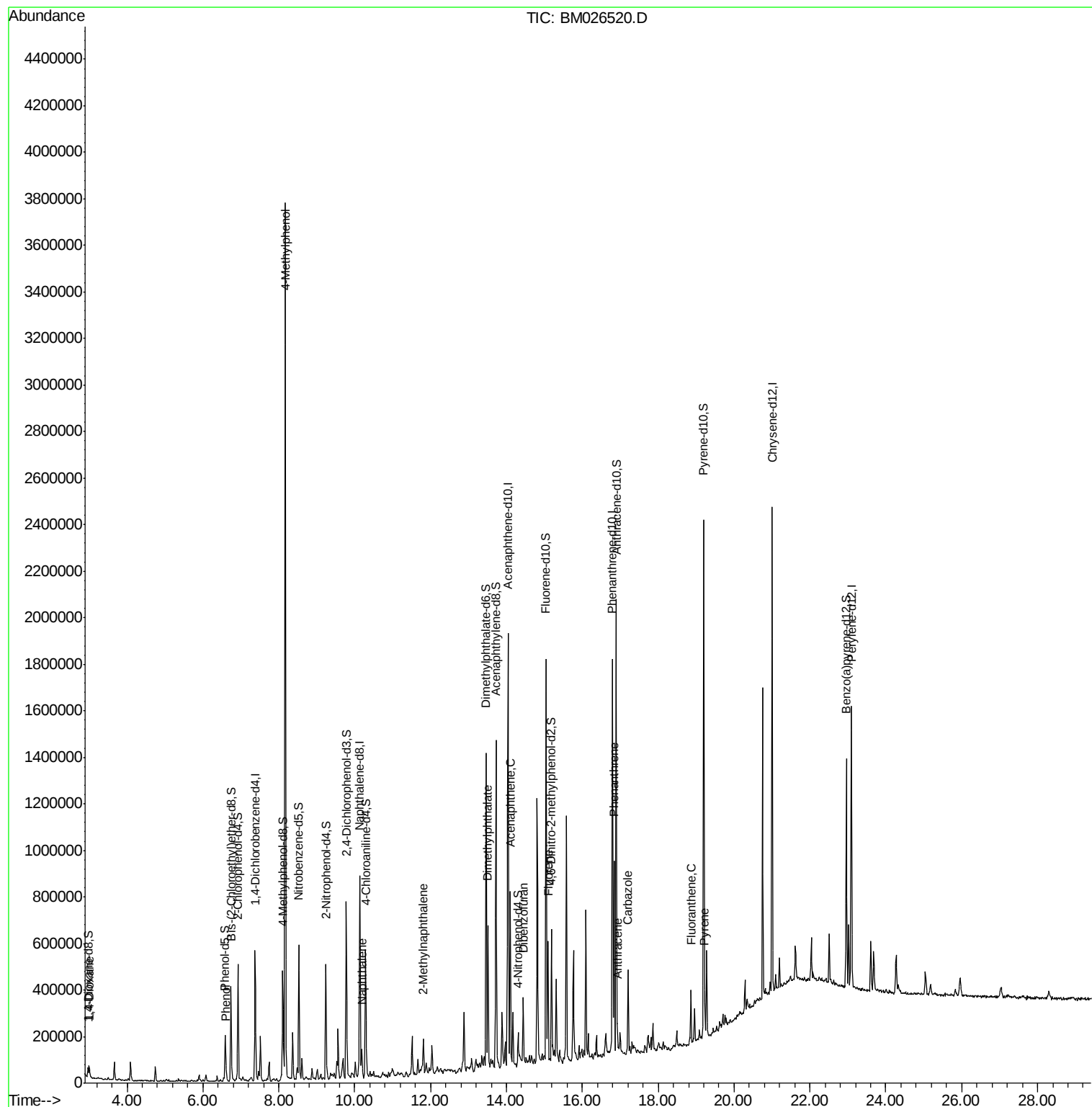
					Ovalue
2) 1,4-Dioxane	3.00	88	24590	5.821	ng/uL 98
6) Phenol	6.62	94	16568	1.229	ng/ul 92
16) 4-Methylphenol	8.17	108	1160509	109.370	ng/ul 86
28) Naphthalene	10.19	128	79653	2.106	ng/ul 98
34) 2-Methylnaphthalene	11.81	142	56522	2.126	ng/ul 98
45) Dimethylphthalate	13.51	163	340546	9.536	ng/ul 99
50) Acenaphthene	14.10	153	275968	9.101	ng/ul 99
54) Dibenzofuran	14.44	168	156529	3.657	ng/ul 99
59) Fluorene	15.10	166	207823	5.882	ng/ul 99
70) Phenanthrene	16.83	178	428268	7.646	ng/ul 100
72) Anthracene	16.93	178	59588	1.038	ng/ul 98
75) Carbazole	17.20	167	212740	4.459	ng/ul 99
77) Fluoranthene	18.86	202	126595	2.069	ng/ul 97
80) Pyrene	19.23	202	67034	1.045	ng/ul 97

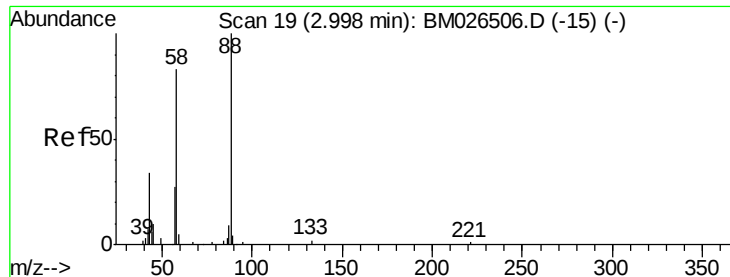
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.821 ng/uL

RT: 3.00 min Scan# 19

Delta R.T. -0.00 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

Instrument :

BNA_M

ClientSampleId :

CB7G4

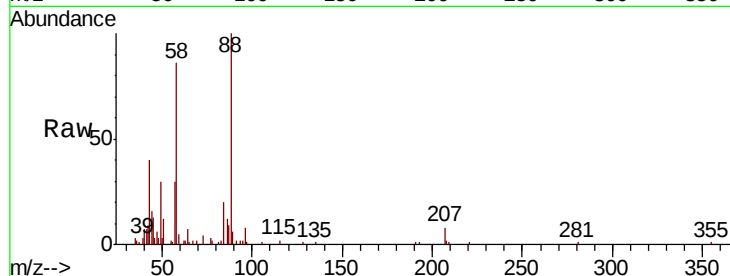
Tot Ion: 88 Resp: 24590

Ion Ratio Lower Upper

88 100

43 40.1 33.2 49.8

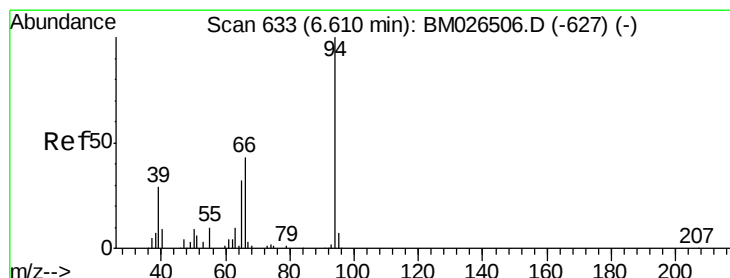
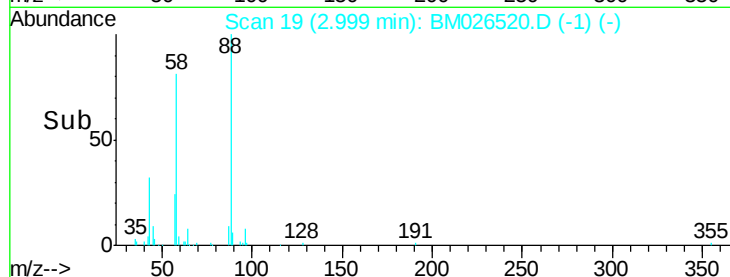
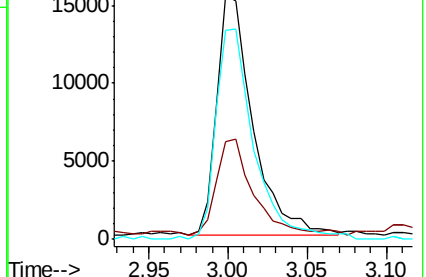
58 85.8 67.8 101.6



Abundance Ion 88.00 (87.70 to 88.70): BM026520.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026520.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM026520.D (-1) (-)



#6

Phenol

Concen: 1.229 ng/uL

RT: 6.62 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

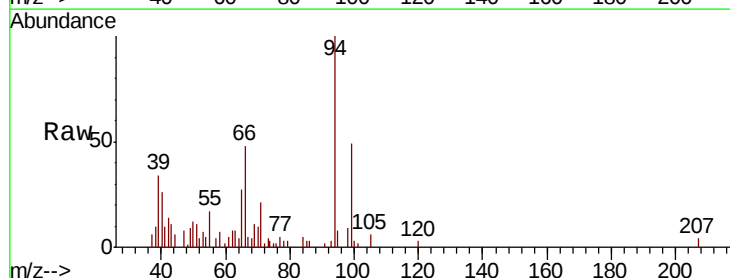
Tgt Ion: 94 Resp: 16568

Ion Ratio Lower Upper

94 100

65 27.0 25.5 38.3

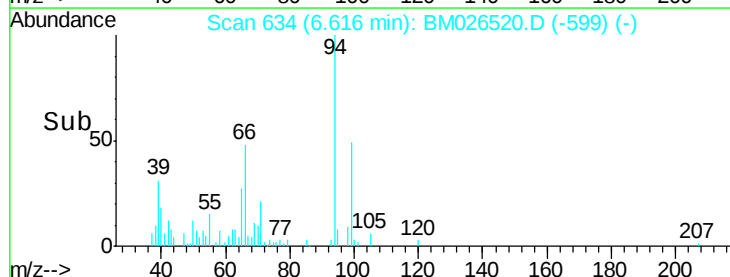
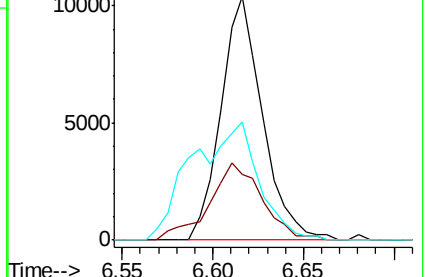
66 48.5 34.8 52.2

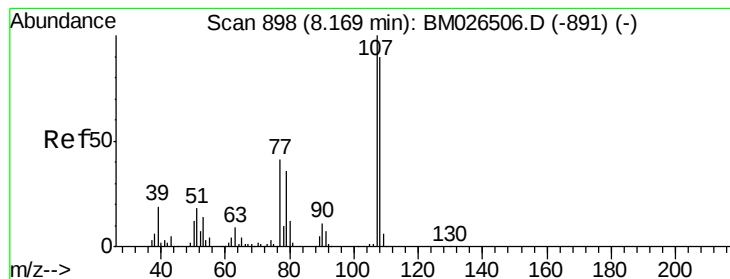


Abundance Ion 94.00 (93.70 to 94.70): BM026520.D (-599) (-)

Ion 65.00 (64.70 to 65.70): BM026520.D (-599) (-)

Ion 66.00 (65.70 to 66.70): BM026520.D (-599) (-)





#16

4-Methylphenol

Concen: 109.370 ng/ul

RT: 8.17 min Scan# 898

Delta R.T. -0.00 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

Instrument :

BNA_M

ClientSampleId :

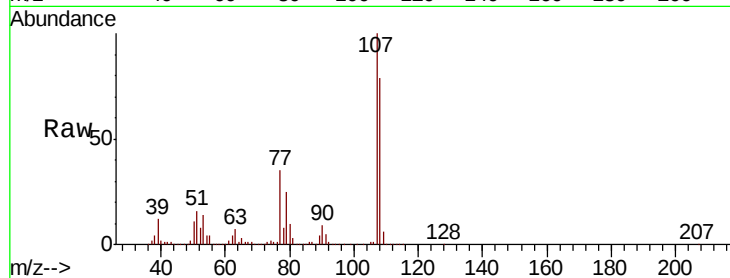
CB7G4

Tot Ion:108 Resp: 1160509

Ion Ratio Lower Upper

108 100

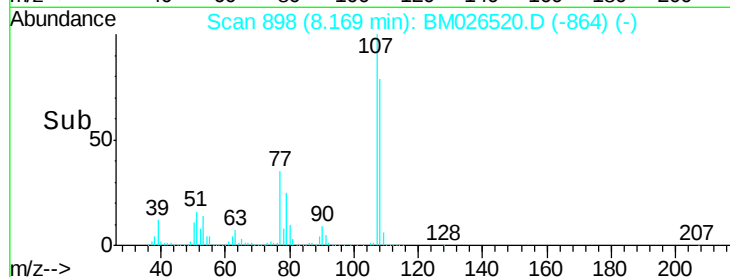
107 126.5 89.2 133.8



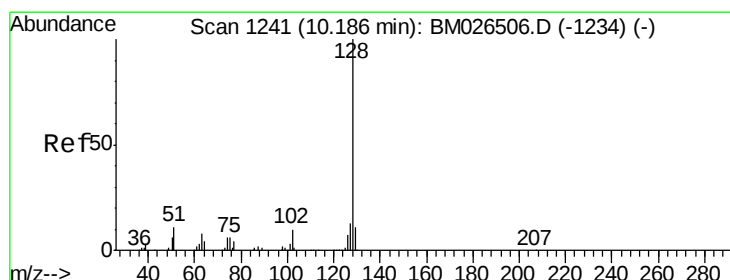
Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.17



Time-->



#28

Naphthalene

Concen: 2.106 ng/ul

RT: 10.19 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

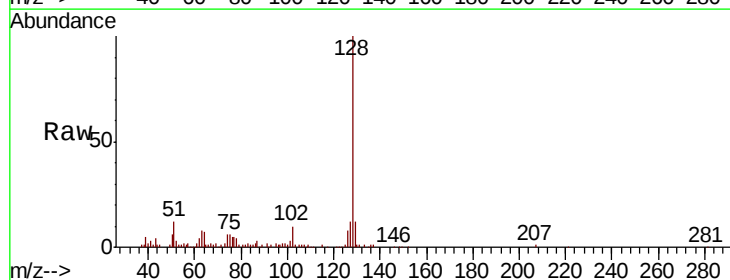
Tgt Ion:128 Resp: 79653

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 12.0 10.1 15.1

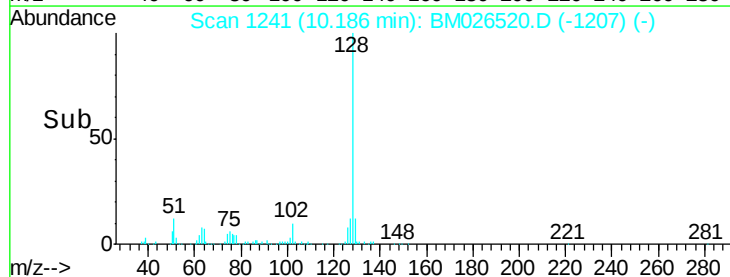


Abundance Ion 128.00 (127.70 to 128.70): E

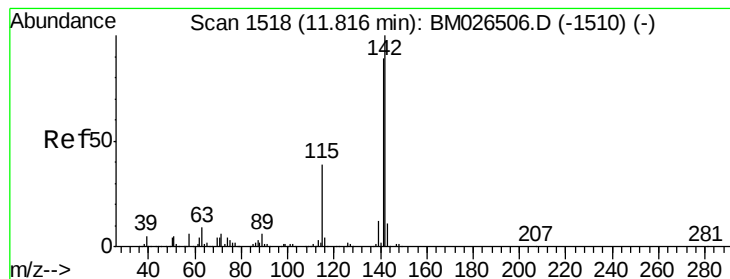
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

10.19



Time-->



#34

2-Methylnaphthalene

Concen: 2.126 ng/ul

RT: 11.81 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

Instrument :

BNA_M

ClientSampleId :

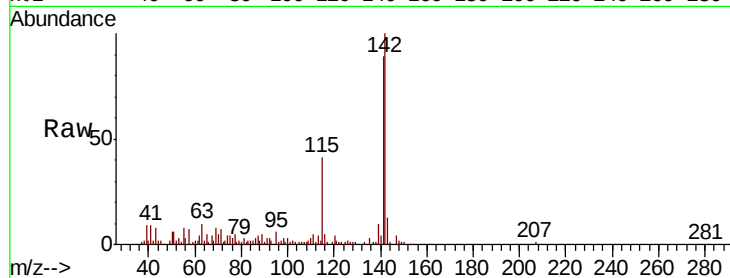
CB7G4

Tot Ion:142 Resp: 56522

Ion Ratio Lower Upper

142 100

141 88.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.81

40000

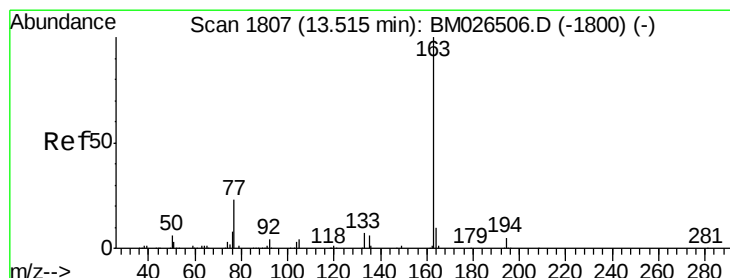
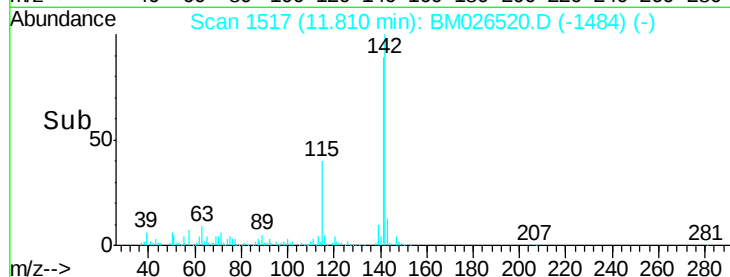
30000

20000

10000

0

Time--> 11.75 11.80 11.85



#45

Dimethylphthalate

Concen: 9.536 ng/ul

RT: 13.51 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

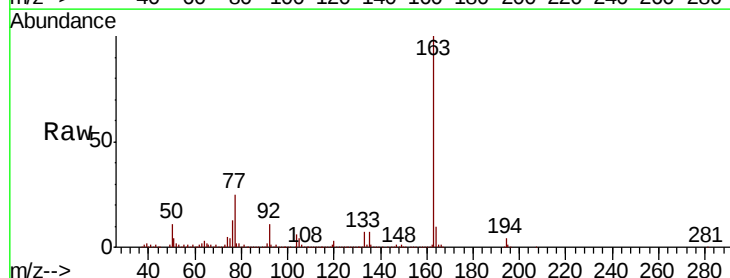
Tgt Ion:163 Resp: 340546

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.5 7.8 11.6



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

13.51

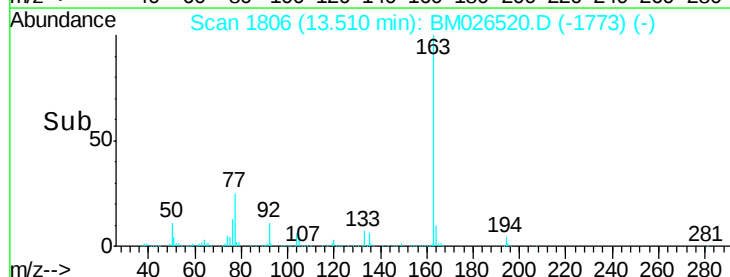
300000

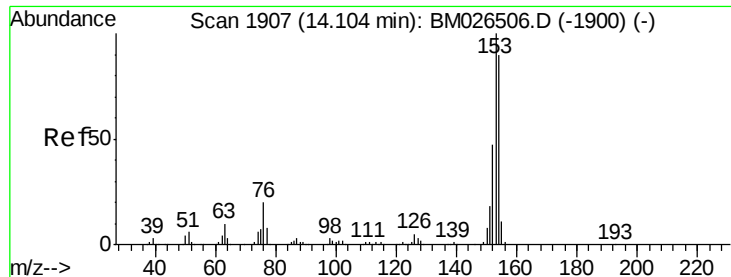
200000

100000

0

Time--> 13.45 13.50 13.55 13.60





#50

Acenaphthene

Concen: 9.101 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

Instrument :

BNA_M

ClientSampleId :

CB7G4

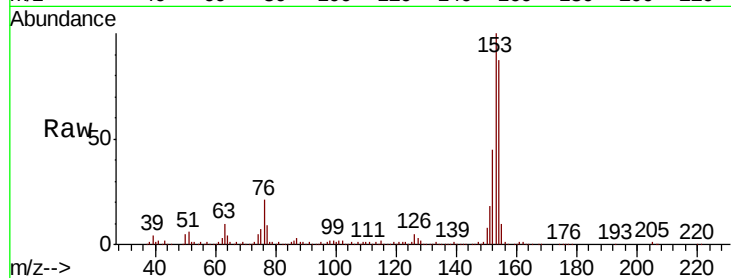
Tot Ion:153 Resp: 275968

Ion Ratio Lower Upper

153 100

152 45.1 36.4 54.6

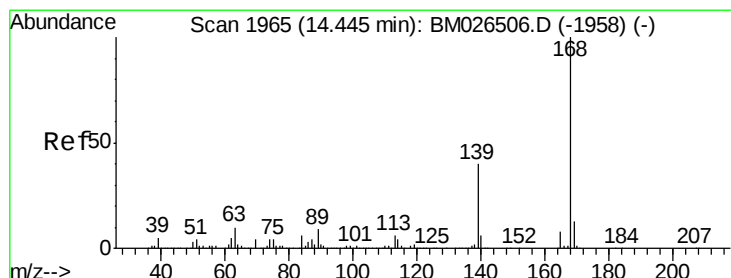
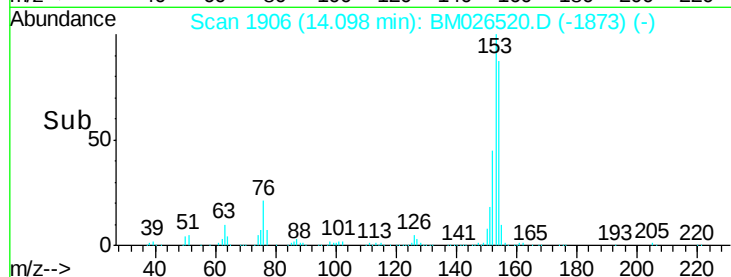
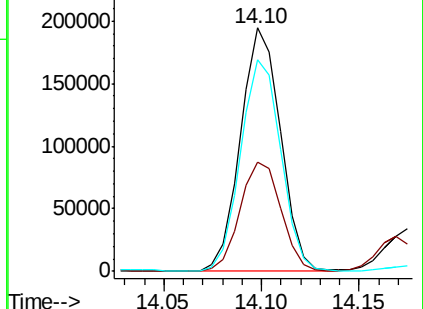
154 86.9 71.0 106.4



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

Dibenzofuran

Concen: 3.657 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM026520.D

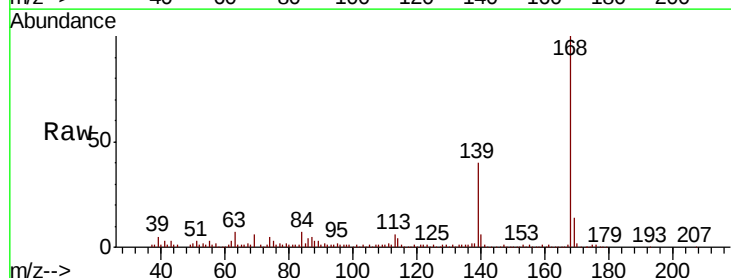
Acq: 24 Jun 2020 04:07

Tgt Ion:168 Resp: 156529

Ion Ratio Lower Upper

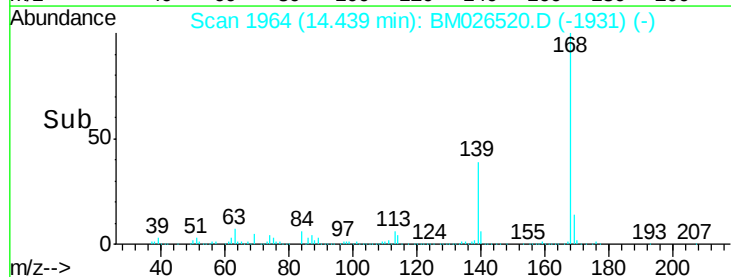
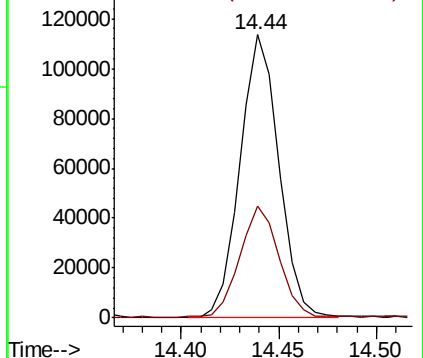
168 100

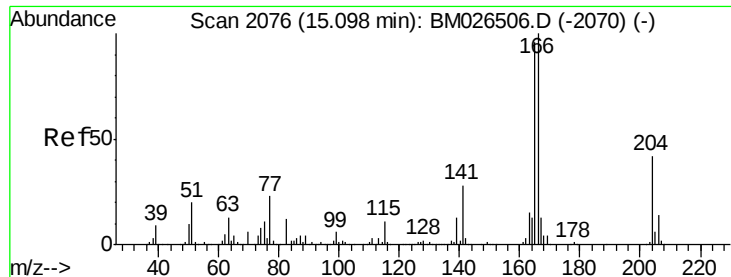
139 39.6 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 5.882 ng/ul

RT: 15.10 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

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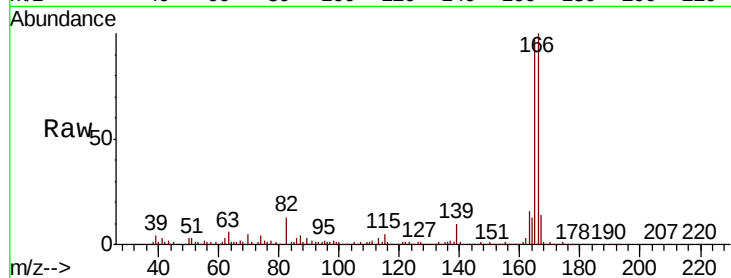
Tot Ion:166 Resp: 207823

Ion Ratio Lower Upper

166 100

165 96.6 77.0 115.4

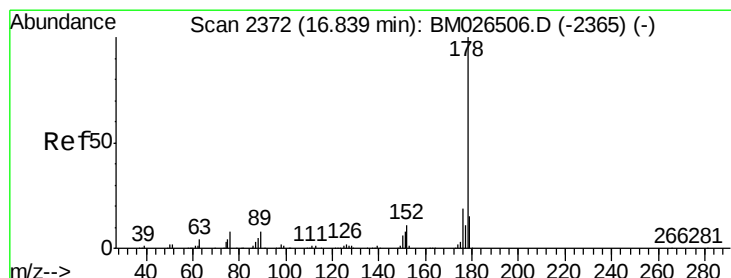
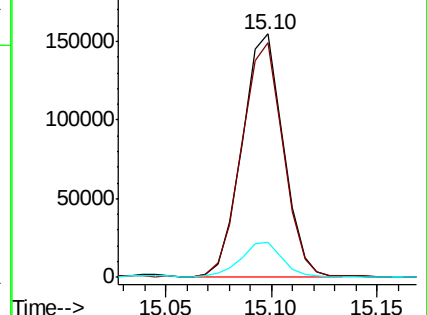
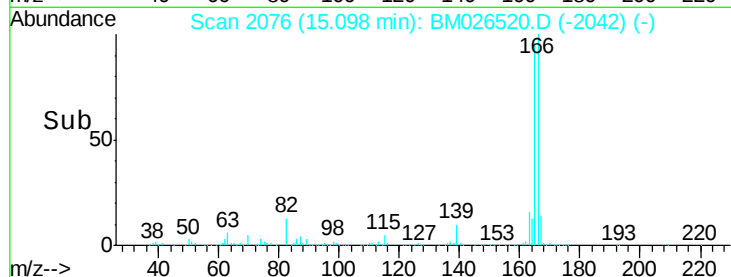
167 14.3 10.6 16.0



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



#70

Phenanthrene

Concen: 7.646 ng/ul

RT: 16.83 min Scan# 2371

Delta R.T. -0.00 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

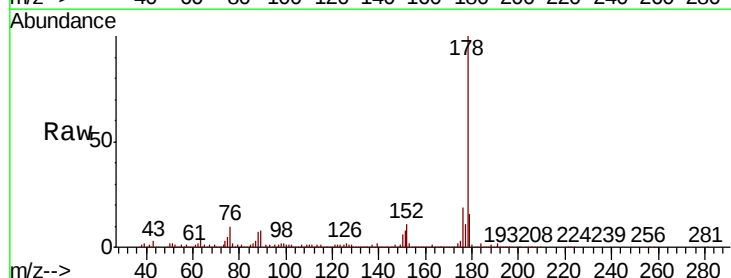
Tgt Ion:178 Resp: 428268

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

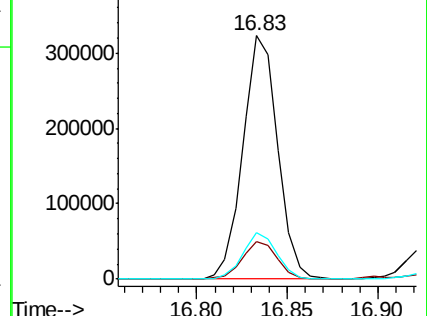
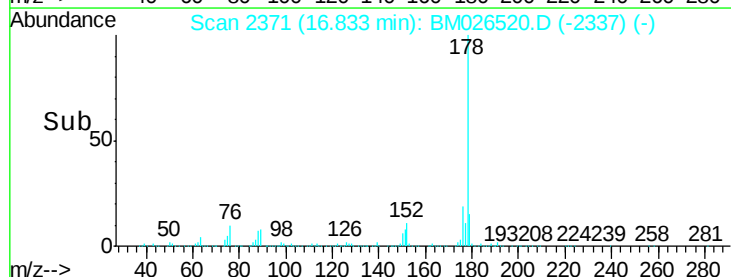
176 18.9 15.0 22.4

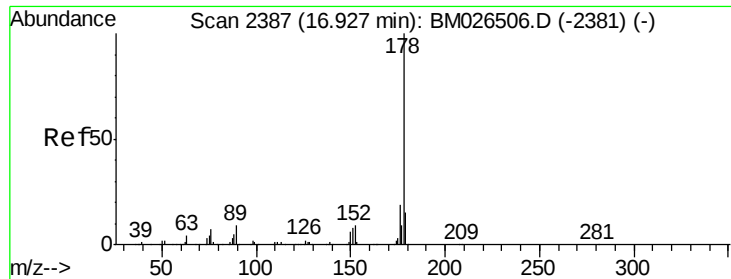


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.038 ng/ul

RT: 16.93 min Scan# 2387

Delta R.T. -0.00 min

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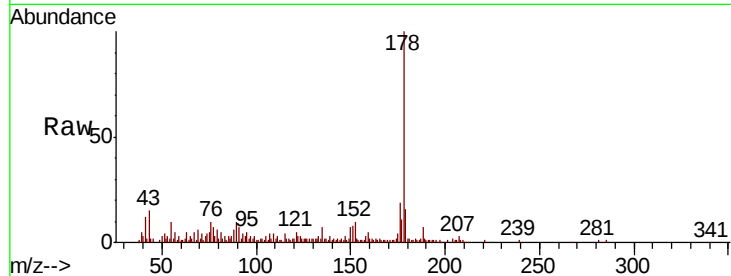
Tot Ion:178 Resp: 59588

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

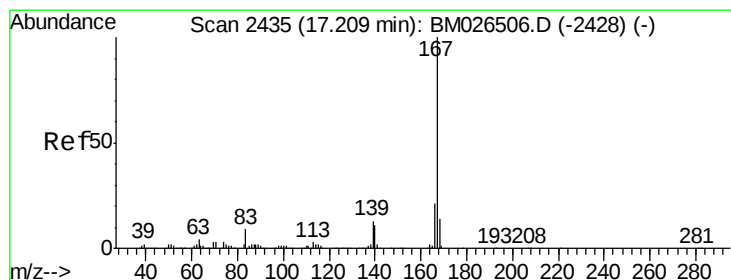
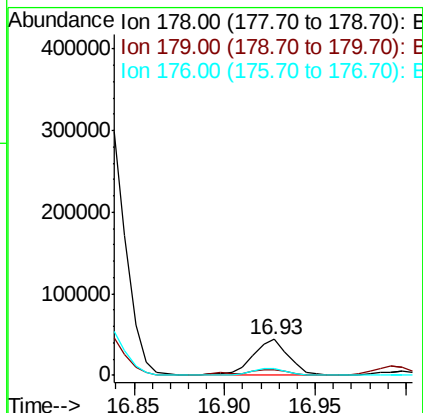
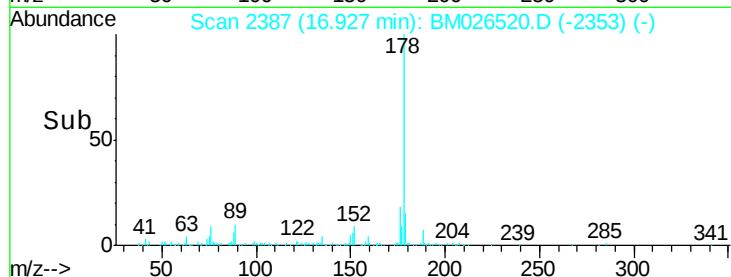
176 19.1 14.3 21.5



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



#75

Carbazole

Concen: 4.459 ng/ul

RT: 17.20 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

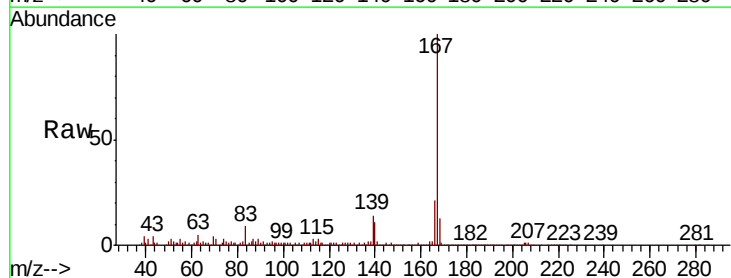
Tgt Ion:167 Resp: 212740

Ion Ratio Lower Upper

167 100

166 21.0 16.8 25.2

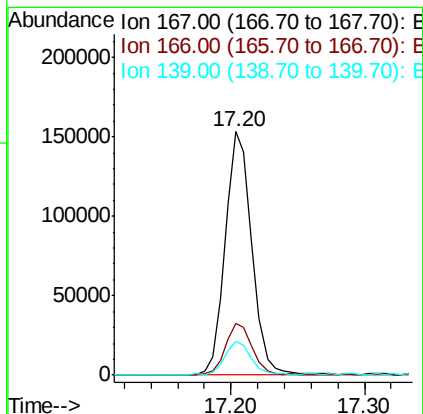
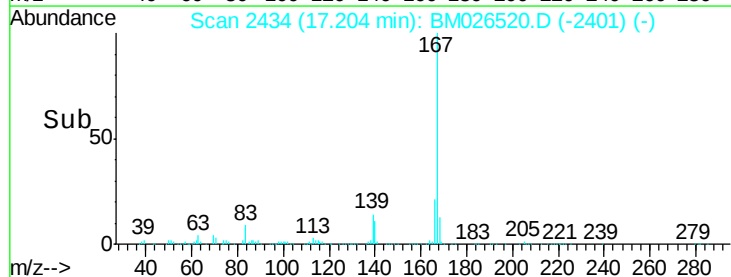
139 14.0 10.5 15.7

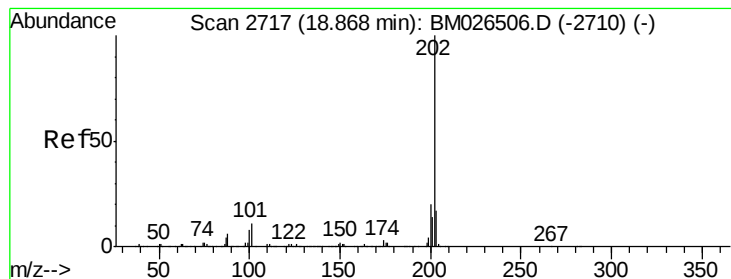


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#77

Fluoranthene

Concen: 2.069 ng/ul

RT: 18.86 min Scan# 2716

Delta R.T. -0.00 min

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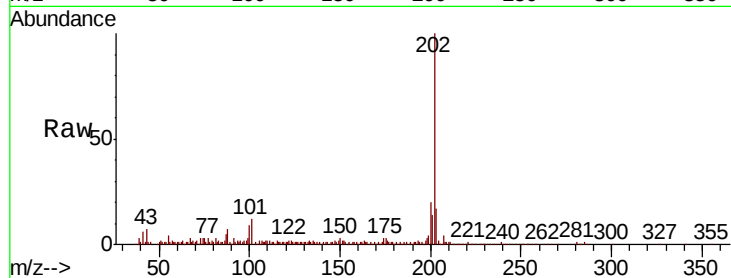
Tot Ion:202 Resp: 126595

Ion Ratio Lower Upper

202 100

101 12.2 8.6 12.8

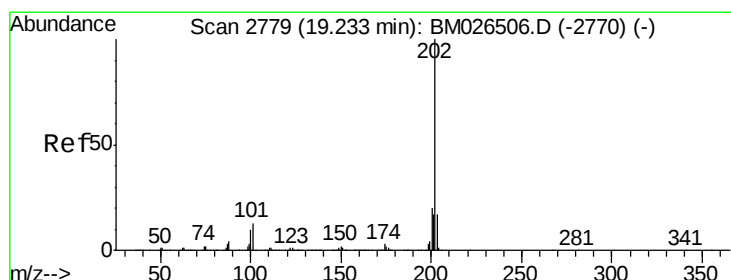
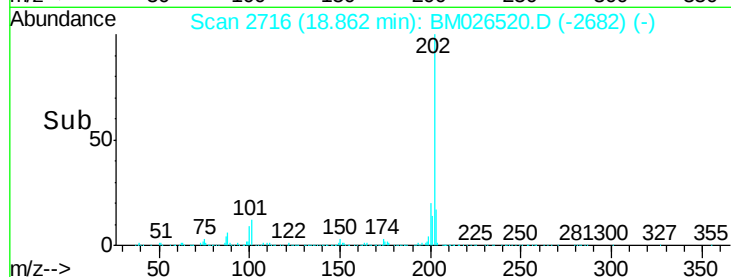
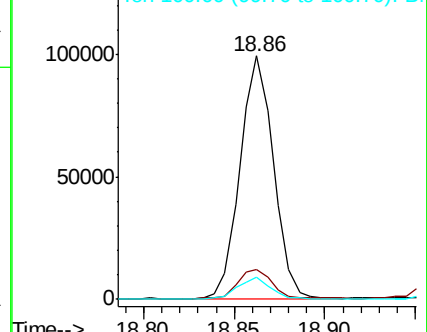
100 9.0 6.8 10.2



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



#80

Pyrene

Concen: 1.045 ng/ul

RT: 19.23 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM026520.D

Acq: 24 Jun 2020 04:07

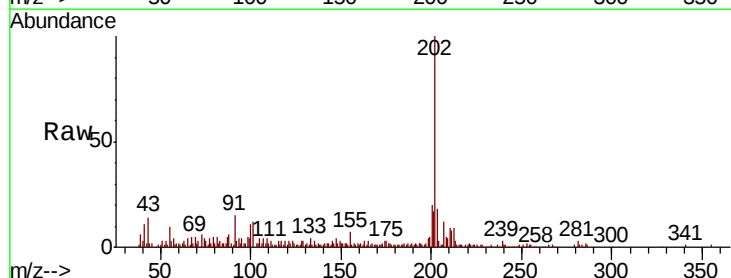
Tgt Ion:202 Resp: 67034

Ion Ratio Lower Upper

202 100

101 11.5 10.9 16.3

100 11.0 9.0 13.6



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

