

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052920\
 Data File : BM026191.D
 Acq On : 30 May 2020 03:11
 Operator : MA/SJ
 Sample : L2820-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB648

Quant Time: May 30 05:40:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 29 11:06:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	158432	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	642993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	393079	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	808974	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	808865	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	837386	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	23357	4.45	ng/uL	0.00
5) Phenol-d5	6.67	99	107771	7.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	272177	27.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	268995	23.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	185951	17.17	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	156195	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	167927	32.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	300144	28.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	373025	35.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	919364	29.17	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1019453	27.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	32778	5.87	ng/ul	0.02
58) Fluorene-d10	15.12	176	721937	26.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	99054	21.00	ng/ul	0.00
71) Anthracene-d10	16.97	188	1088883	27.31	ng/ul	0.00
79) Pyrene-d10	19.27	212	1130467	27.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	661818	14.85	ng/ul	0.00

Target Compounds

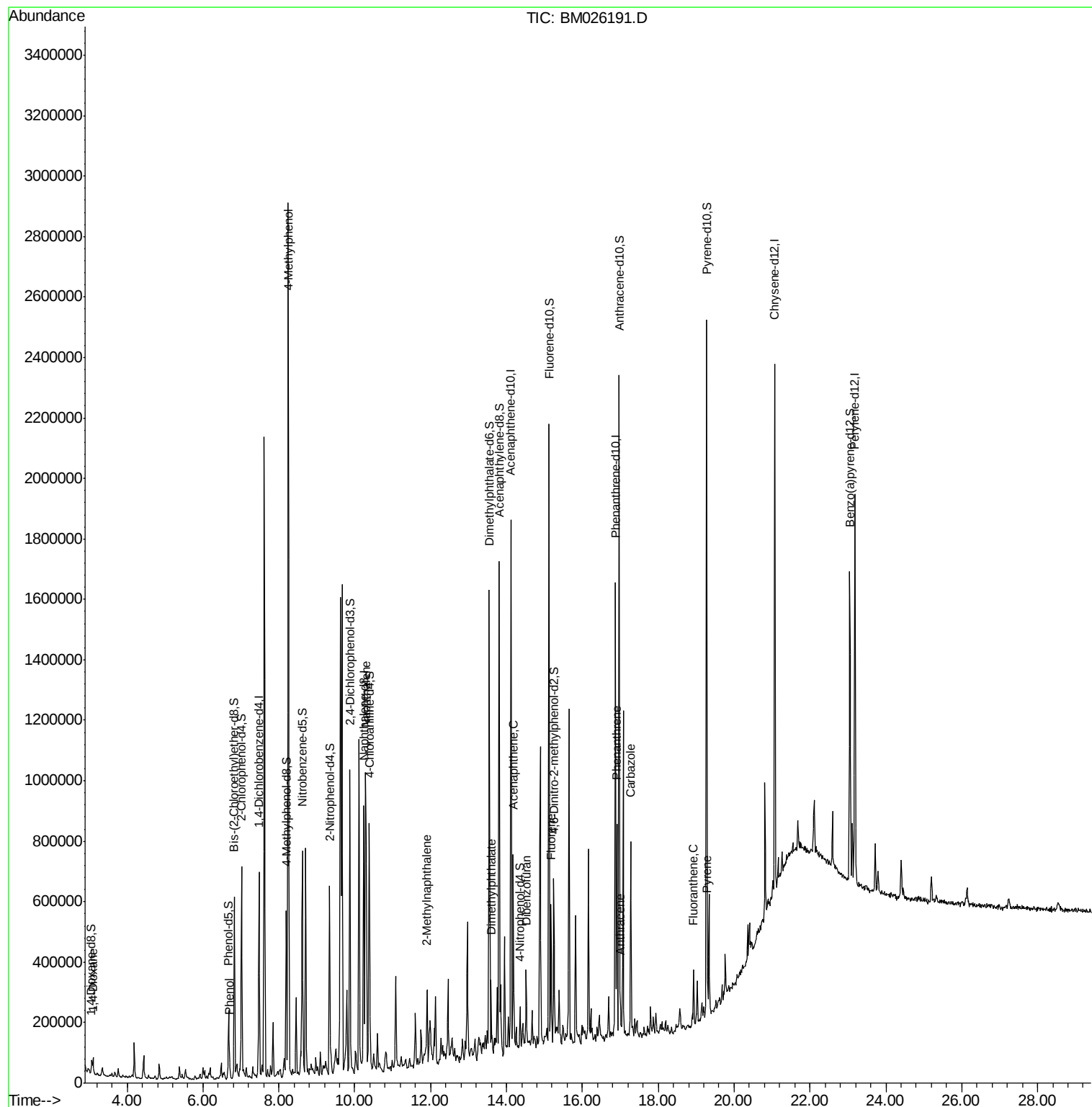
					Ovalue
2) 1,4-Dioxane	3.10	88	29802	5.461	ng/uL 86
6) Phenol	6.70	94	19525	1.212	ng/ul 92
16) 4-Methylphenol	8.25	108	917112	75.968	ng/ul 86
28) Naphthalene	10.29	128	688742	17.519	ng/ul 99
34) 2-Methylnaphthalene	11.91	142	105154	3.977	ng/ul 98
45) Dimethylphthalate	13.59	163	128663	3.888	ng/ul 100
50) Acenaphthene	14.19	153	243847	8.433	ng/ul 98
54) Dibenzofuran	14.52	168	133201	3.278	ng/ul 98
59) Fluorene	15.17	166	168766	5.134	ng/ul 98
70) Phenanthrene	16.91	178	371886	7.298	ng/ul 98
72) Anthracene	17.00	178	53083	1.038	ng/ul 96
75) Carbazole	17.28	167	375706	8.883	ng/ul 99
77) Fluoranthene	18.93	202	99578	1.863	ng/ul 97
80) Pyrene	19.30	202	67729	1.193	ng/ul 97

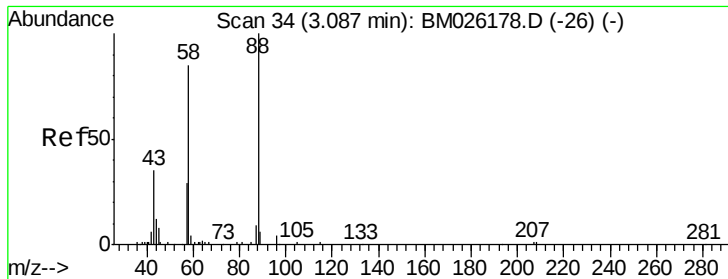
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 5.461 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM026191.D

Acq: 30 May 2020 03:11

Instrument :

BNA_M

ClientSampleId :

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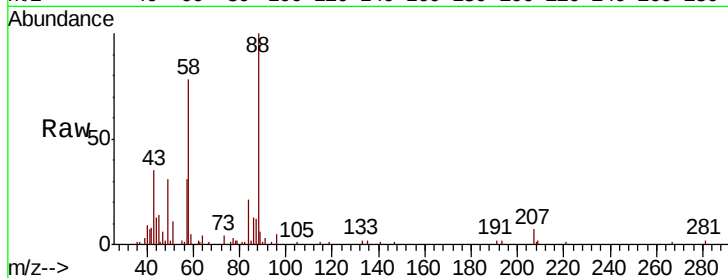
Tot Ion: 88 Resp: 29802

Ion Ratio Lower Upper

88 100

43 34.9 30.1 45.1

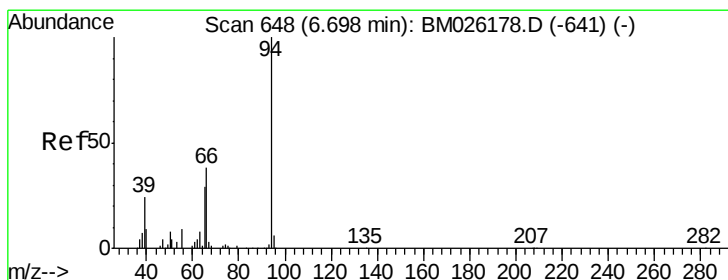
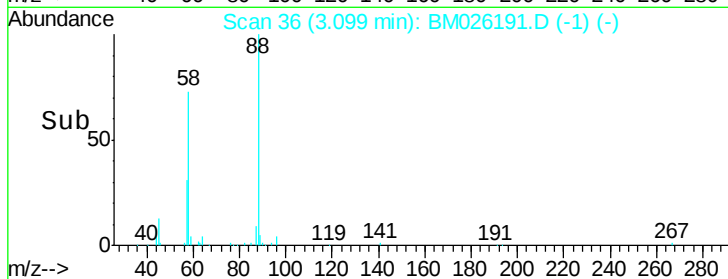
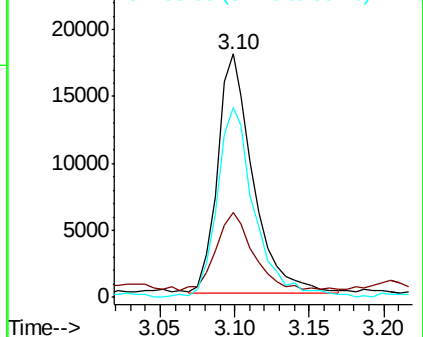
58 78.0 76.2 114.4



Abundance Ion 88.00 (87.70 to 88.70): BM026191.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026191.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM026191.D (-1) (-)



#6

Phenol

Concen: 1.212 ng/uL

RT: 6.70 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM026191.D

Acq: 30 May 2020 03:11

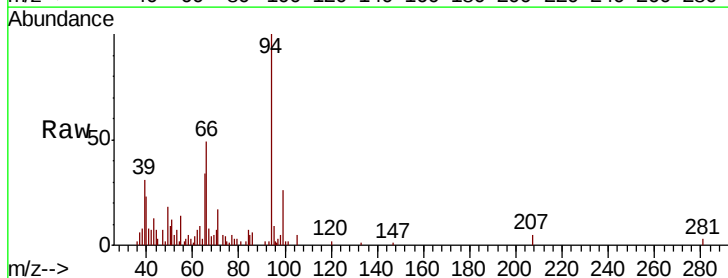
Tgt Ion: 94 Resp: 19525

Ion Ratio Lower Upper

94 100

65 33.7 25.8 38.8

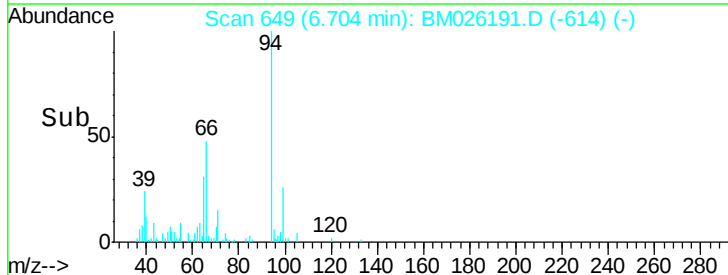
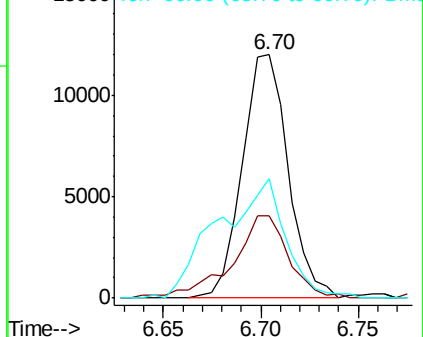
66 49.1 33.3 49.9

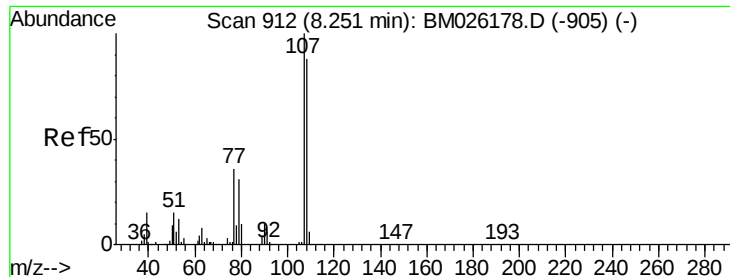


Abundance Ion 94.00 (93.70 to 94.70): BM026191.D (-614) (-)

Ion 65.00 (64.70 to 65.70): BM026191.D (-614) (-)

Ion 66.00 (65.70 to 66.70): BM026191.D (-614) (-)

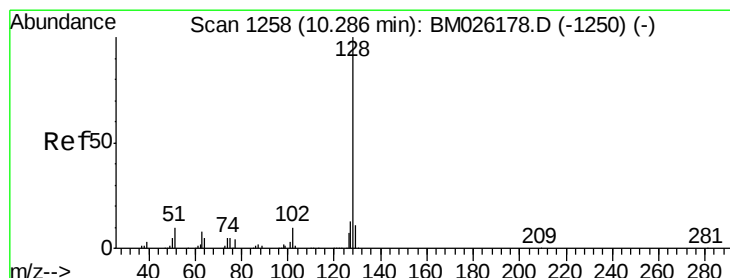
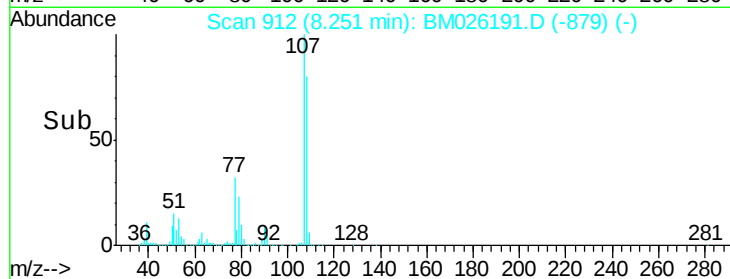
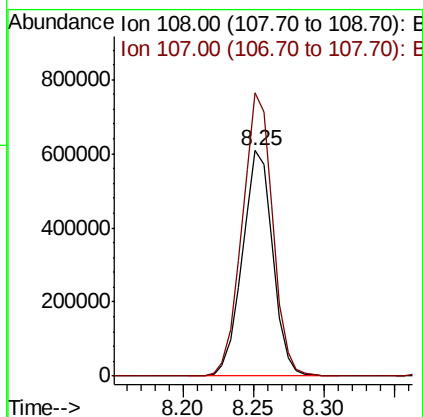
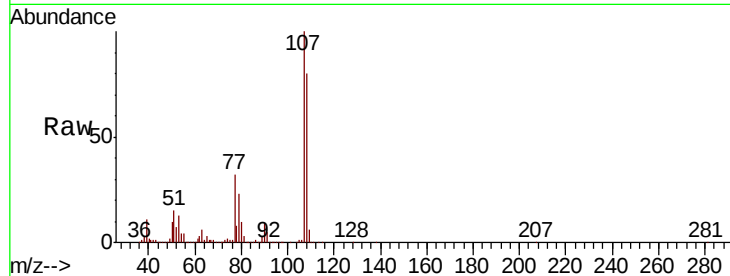




#16
4-Methylphenol
Concen: 75.968 ng/ul
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM026191.D
Acq: 30 May 2020 03:11

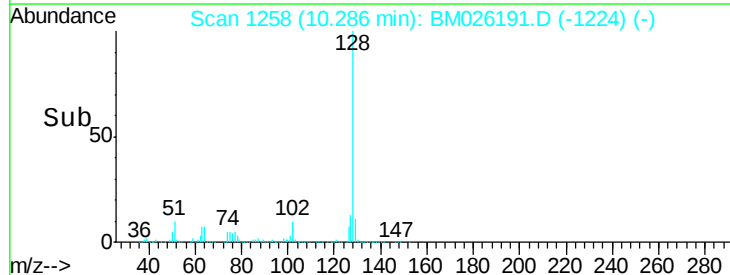
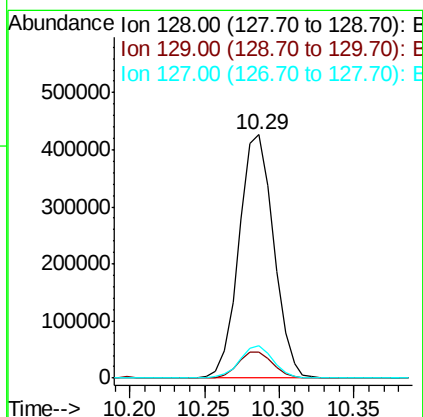
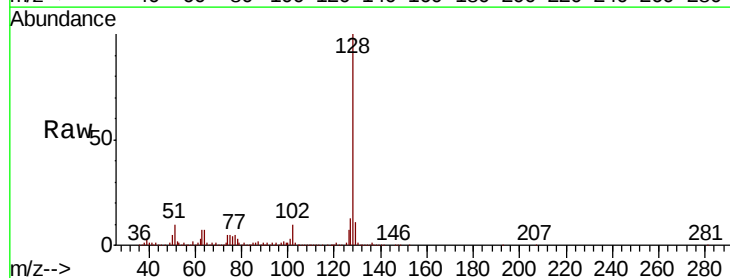
Instrument :
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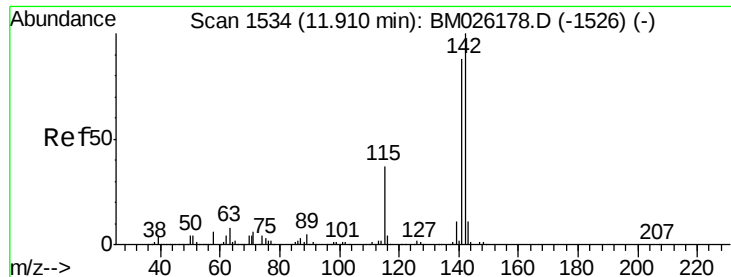
Tot Ion:108 Resp: 917112
Ion Ratio Lower Upper
108 100
107 125.6 88.6 132.8



#28
Naphthalene
Concen: 17.519 ng/ul
RT: 10.29 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BM026191.D
Acq: 30 May 2020 03:11

Tgt Ion:128 Resp: 688742
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.3 10.6 15.8

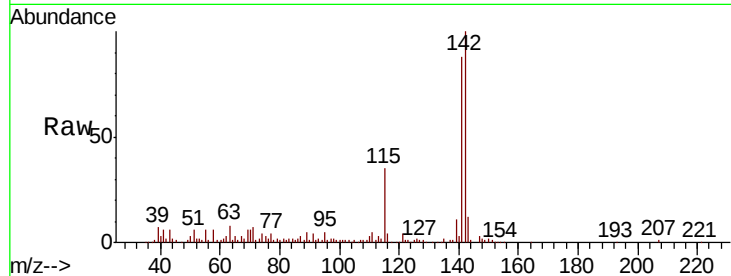




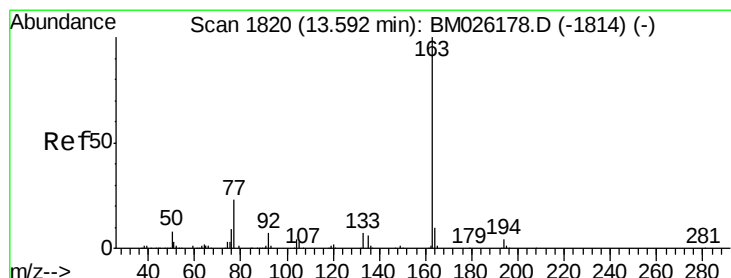
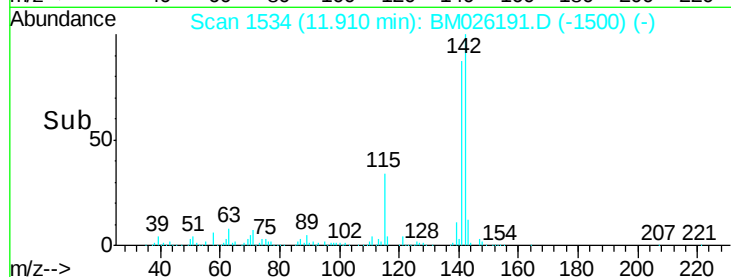
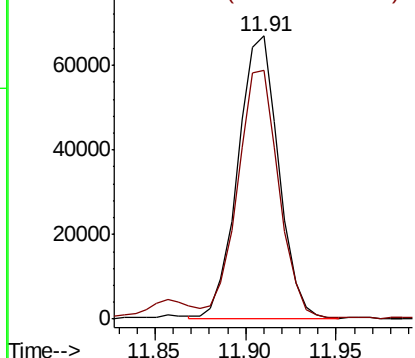
#34
 2-Methylnaphthalene
 Concen: 3.977 ng/ul
 RT: 11.91 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: BM026191.D
 Acq: 30 May 2020 03:11

Instrument :
 BNA_M
 ClientSampleId :
 CB648

Tot Ion:142 Resp: 105154
 Ion Ratio Lower Upper
 142 100
 141 87.7 71.8 107.6

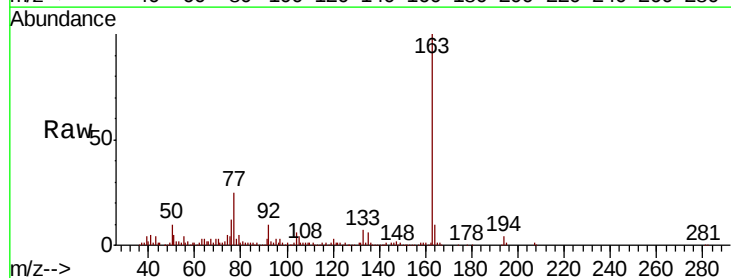


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

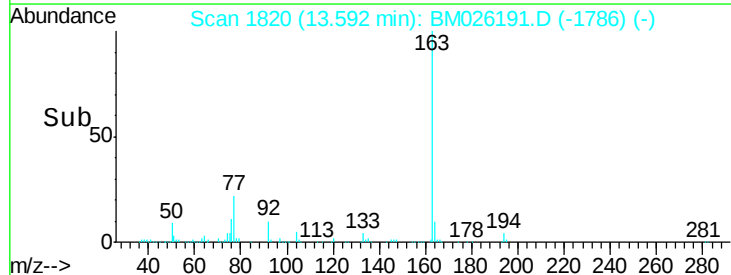
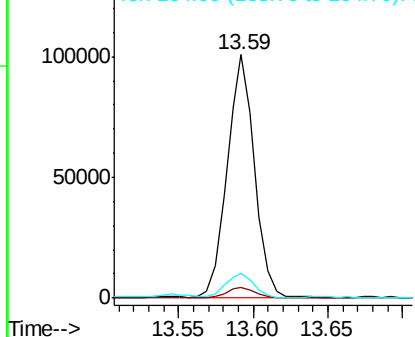


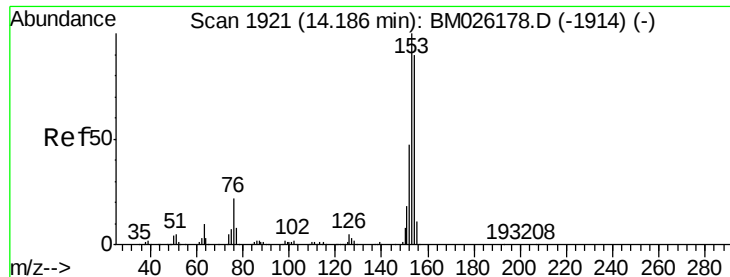
#45
 Dimethylphthalate
 Concen: 3.888 ng/ul
 RT: 13.59 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BM026191.D
 Acq: 30 May 2020 03:11

Tgt Ion:163 Resp: 128663
 Ion Ratio Lower Upper
 163 100
 194 4.3 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: 8.433 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BM026191.D

Acq: 30 May 2020 03:11

Instrument :

BNA_M

ClientSampleId :

CB648

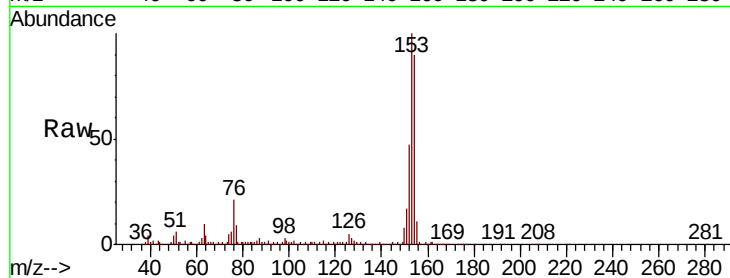
Tot Ion:153 Resp: 243847

Ion Ratio Lower Upper

153 100

152 47.4 37.2 55.8

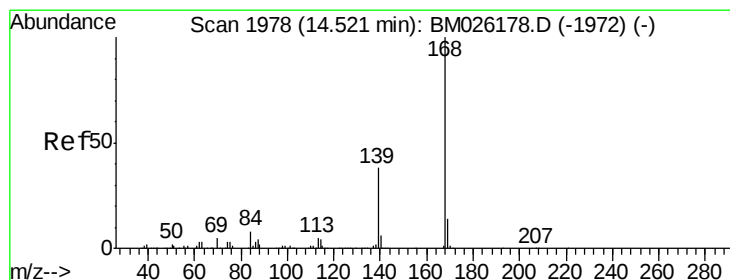
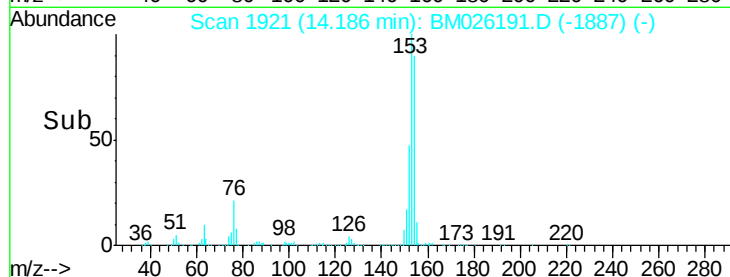
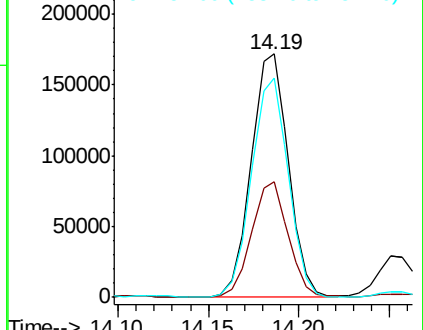
154 90.0 69.8 104.8



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

Dibenzofuran

Concen: 3.278 ng/ul

RT: 14.52 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BM026191.D

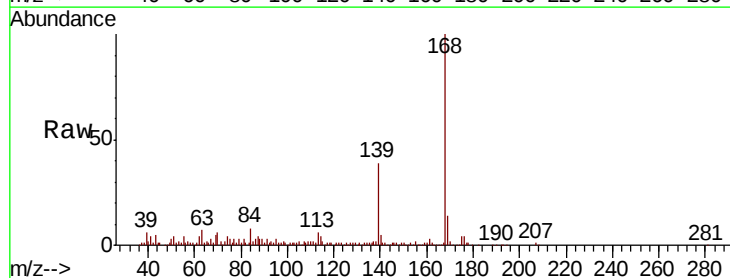
Acq: 30 May 2020 03:11

Tgt Ion:168 Resp: 133201

Ion Ratio Lower Upper

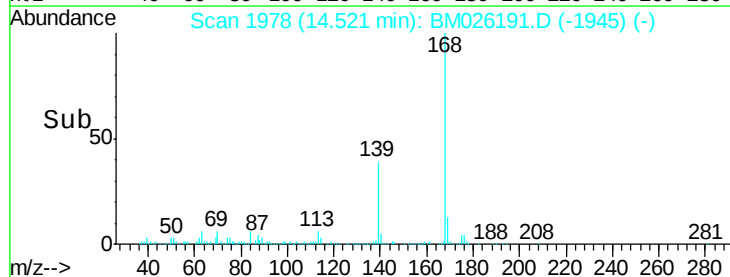
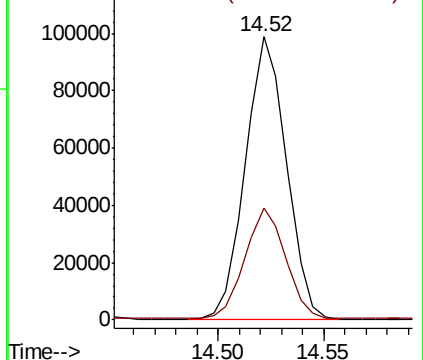
168 100

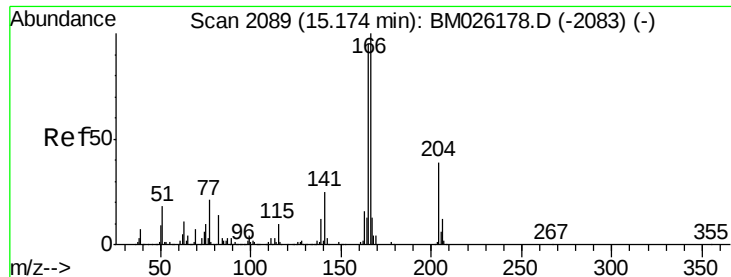
139 39.3 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 5.134 ng/ul

RT: 15.17 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BM026191.D

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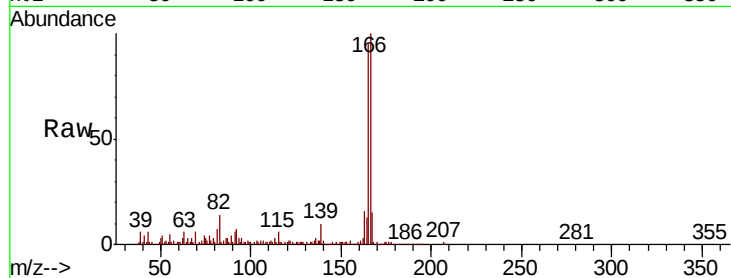
Tot Ion:166 Resp: 168766

Ion Ratio Lower Upper

166 100

165 94.8 77.3 115.9

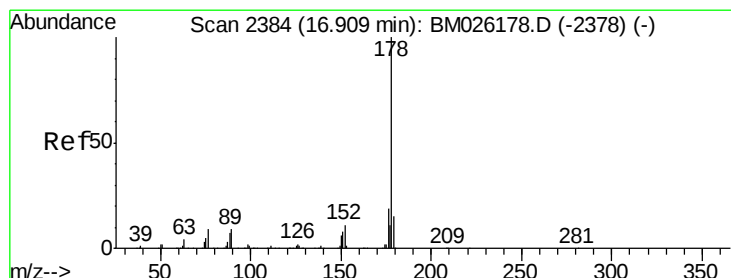
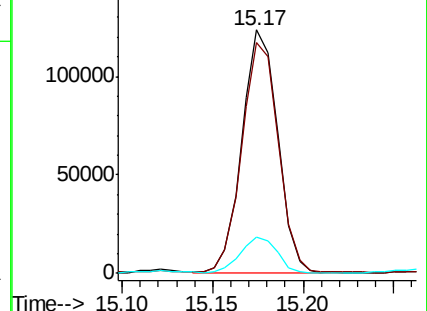
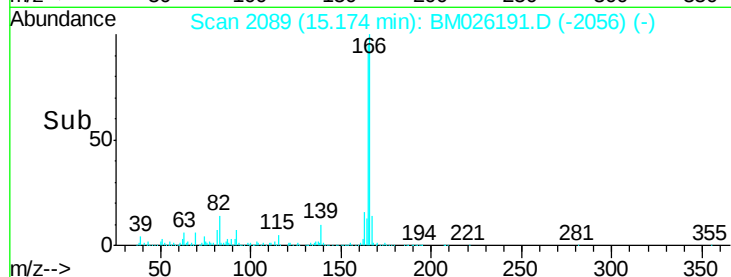
167 14.7 10.6 16.0



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: 7.298 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM026191.D

Acq: 30 May 2020 03:11

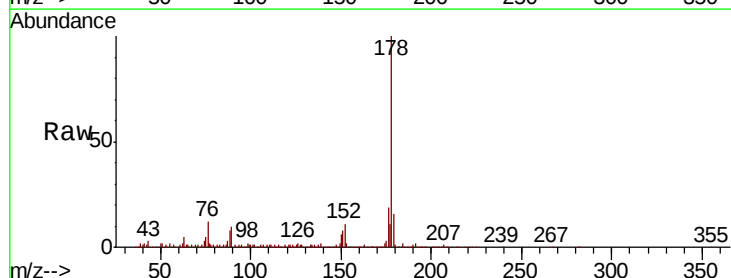
Tgt Ion:178 Resp: 371886

Ion Ratio Lower Upper

178 100

179 15.6 11.9 17.9

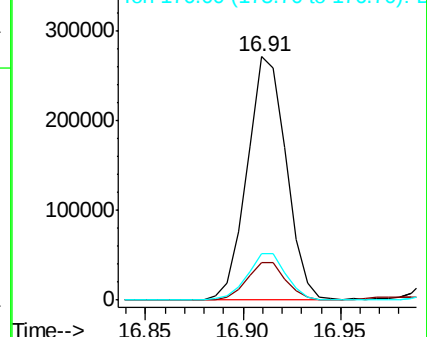
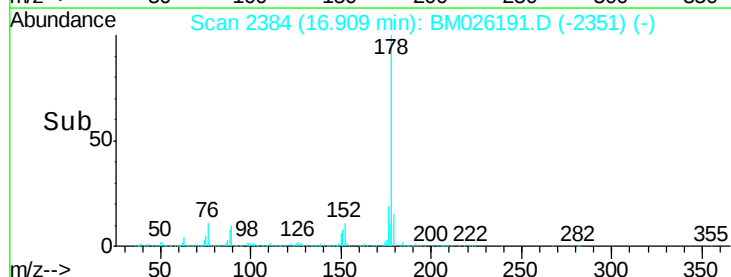
176 19.2 14.9 22.3

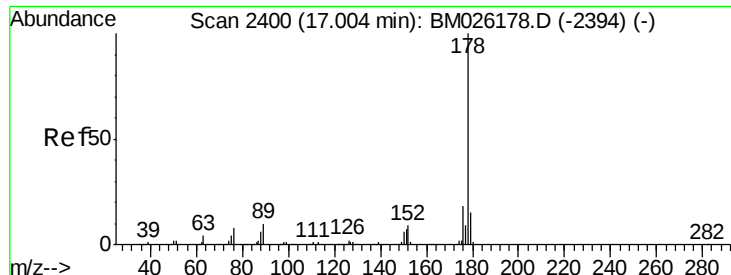


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.038 ng/ul

RT: 17.00 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM026191.D

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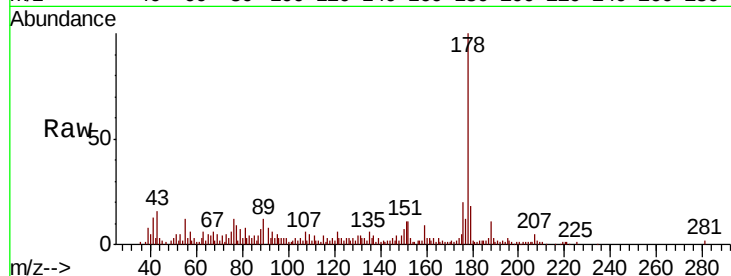
Tot Ion:178 Resp: 53083

Ion Ratio Lower Upper

178 100

179 18.2 12.2 18.4

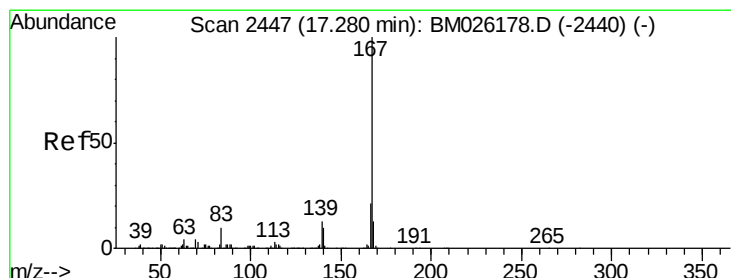
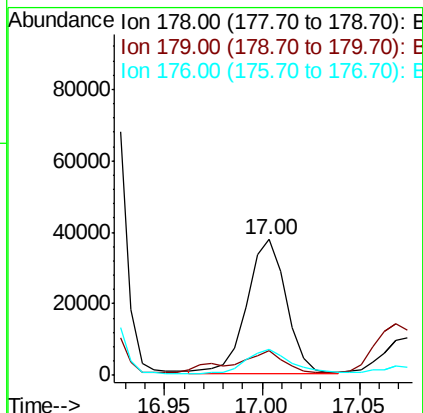
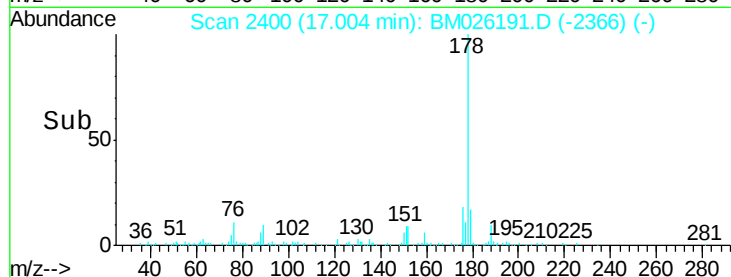
176 19.6 14.9 22.3



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



#75

Carbazole

Concen: 8.883 ng/ul

RT: 17.28 min Scan# 2447

Delta R.T. 0.00 min

Lab File: BM026191.D

Acq: 30 May 2020 03:11

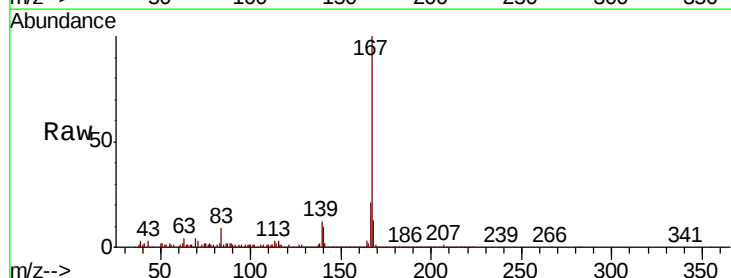
Tgt Ion:167 Resp: 375706

Ion Ratio Lower Upper

167 100

166 20.5 16.6 25.0

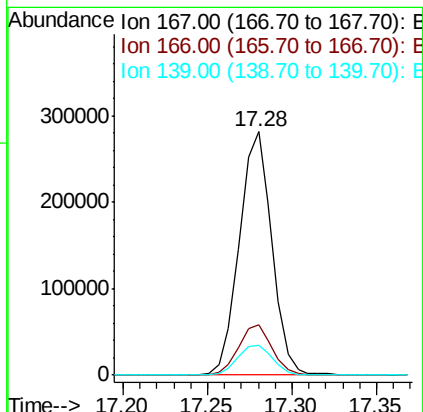
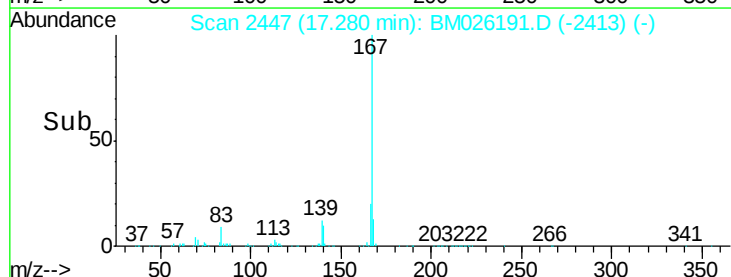
139 12.4 10.8 16.2

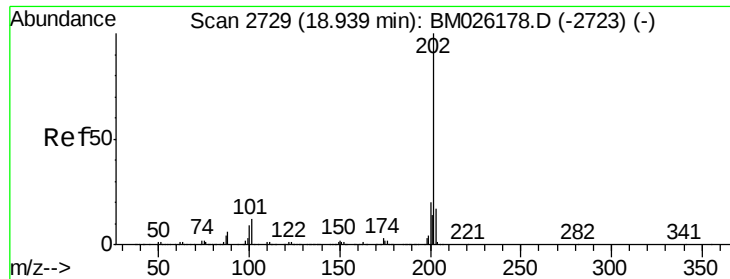


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

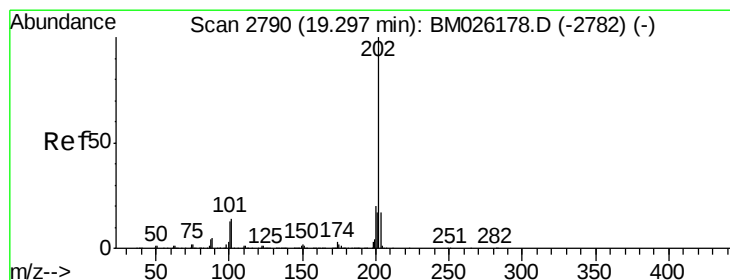
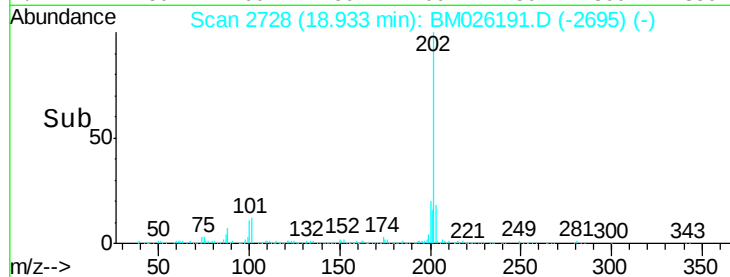
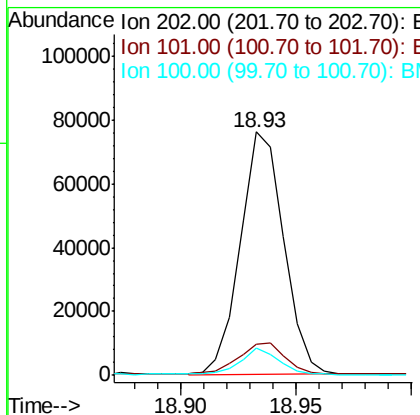
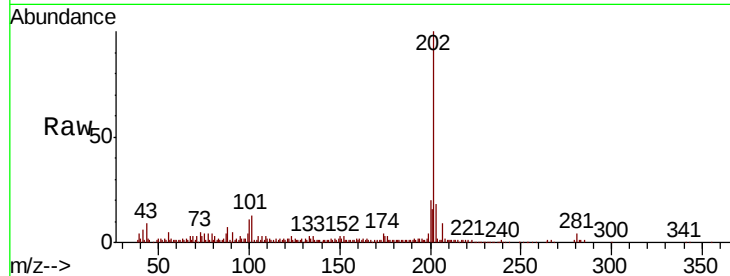




#77
 Fluoranthene
 Concen: 1.863 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM026191.D
 Acq: 30 May 2020 03:11

Instrument :
 BNA_M
 ClientSampleId :
 CB648

Tot Ion:202	Resp:	99578
Ion Ratio	Lower	Upper
202	100	
101	12.6	9.5 14.3
100	11.2	7.6 11.4



#80
 Pyrene
 Concen: 1.193 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM026191.D
 Acq: 30 May 2020 03:11

Tgt Ion:202	Resp:	67729
Ion Ratio	Lower	Upper
202	100	
101	13.5	12.2 18.4
100	12.6	10.2 15.4

