

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
 Data File : BM026138.D
 Acq On : 27 May 2020 10:35
 Operator : MA/SJ
 Sample : L2756-04DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8DL

Quant Time: May 27 11:09:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 27 10:30:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	145983	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	597402	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	361387	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	782777	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	804446	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	813331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.68	99	8330	0.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	24992	2.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	21986	2.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	15305	1.53	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17082	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	13055	2.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	25343	2.62	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	100188	3.46	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	107130	3.12	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	1980	0.39	ng/ul	0.02
58) Fluorene-d10	15.13	176	88283	3.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	7400	1.62	ng/ul	0.00
71) Anthracene-d10	16.97	188	139052	3.60	ng/ul	0.00
79) Pyrene-d10	19.27	212	153258	3.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	127039	2.93	ng/ul	0.00

Target Compounds

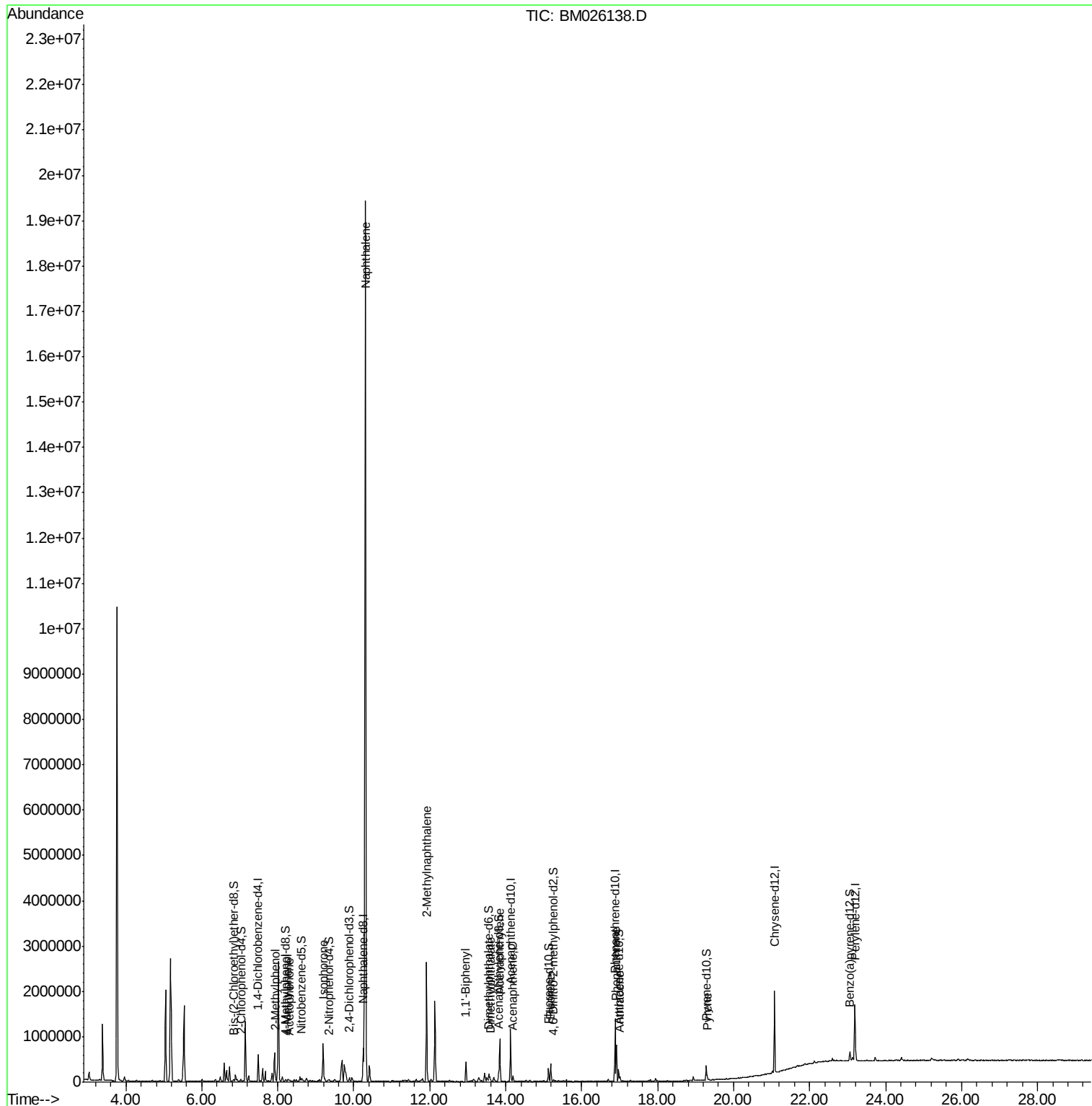
					Ovalue
11) 2-Methylphenol	7.94	108	17009	1.663	ng/ul 99
14) Acetophenone	8.30	105	25230	1.507	ng/ul 95
16) 4-Methylphenol	8.26	108	17440	1.568	ng/ul 89
21) Isophorone	9.20	82	554166	22.275	ng/ul 97
28) Naphthalene	10.31	128	15896651	435.211	ng/ul 96
34) 2-Methylnaphthalene	11.92	142	1171160	47.670	ng/ul 100
41) 1,1'-Biphenyl	12.95	154	212498	6.627	ng/ul 99
45) Dimethylphthalate	13.60	163	30523	1.003	ng/ul 97
48) Acenaphthylene	13.84	152	563921	14.960	ng/ul 99
50) Acenaphthene	14.19	153	49145	1.849	ng/ul 100
59) Fluorene	15.19	166	173688	5.747	ng/ul 100
70) Phenanthrene	16.92	178	440962	8.943	ng/ul 100
72) Anthracene	17.01	178	61867	1.251	ng/ul 98
80) Pyrene	19.30	202	67050	1.187	ng/ul 97

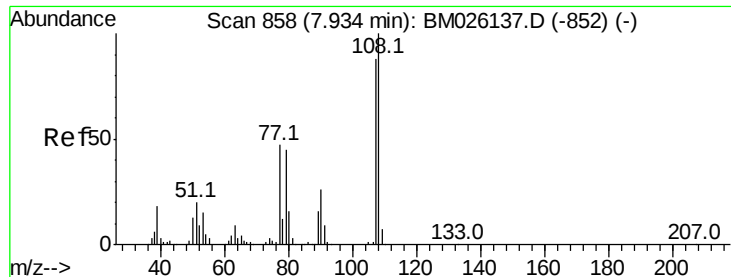
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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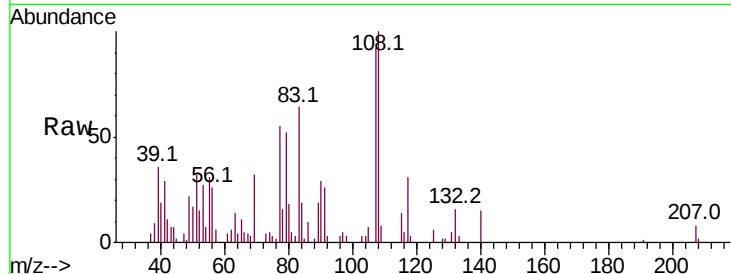




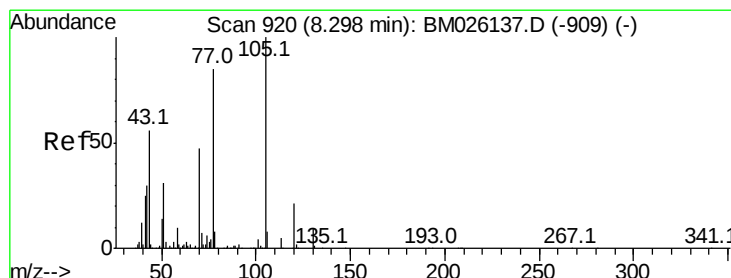
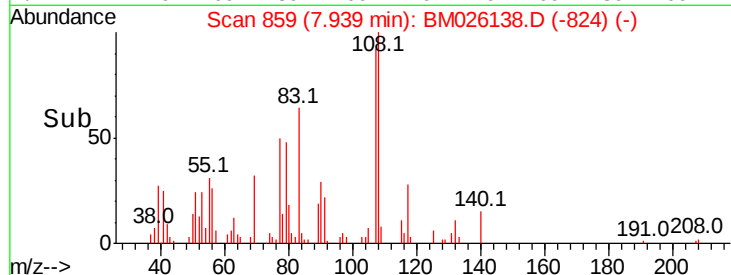
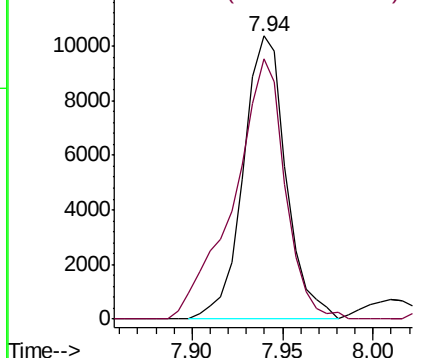
#11
2-Methylphenol
Concen: 1.663 ng/ul
RT: 7.94 min Scan# 859
Delta R.T. 0.01 min
Lab File: BM026138.D
Acq: 27 May 2020 10:35

Instrument :
BNA_M
ClientSampleId :
ETKW8DL

Tot Ion:108 Resp: 17009
Ion Ratio Lower Upper
108 100
107 91.8 72.3 108.5

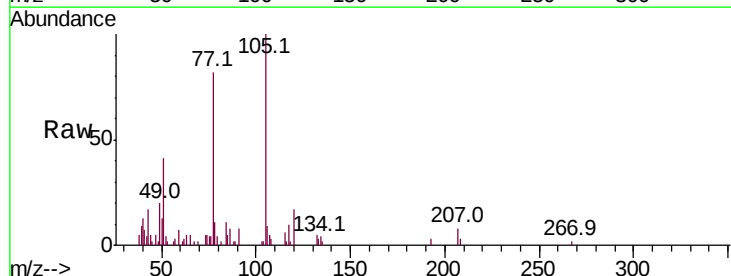


Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

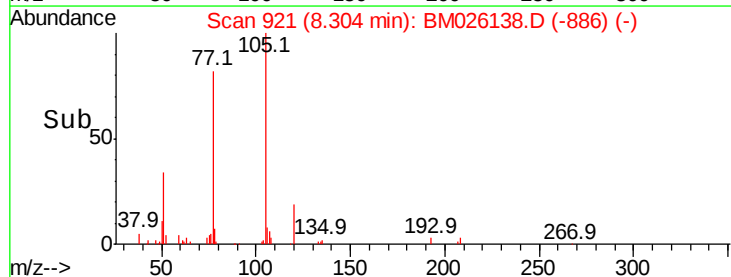
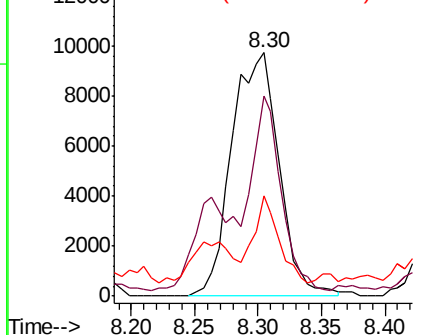


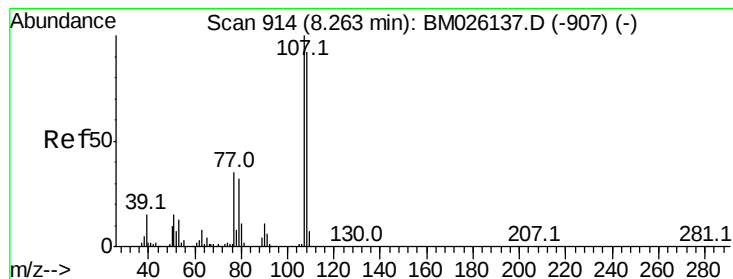
#14
Acetophenone
Concen: 1.507 ng/ul
RT: 8.30 min Scan# 921
Delta R.T. 0.01 min
Lab File: BM026138.D
Acq: 27 May 2020 10:35

Tgt Ion:105 Resp: 25230
Ion Ratio Lower Upper
105 100
77 82.1 67.2 100.8
51 41.0 27.4 41.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#16

4-Methylphenol

Concen: 1.568 ng/ul

RT: 8.26 min Scan# 914

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

Instrument :

BNA_M

ClientSampleId :

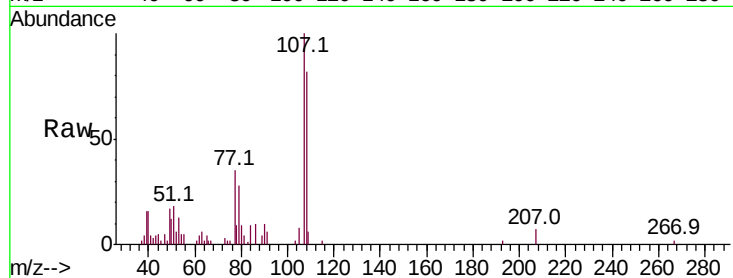
ETKW8DL

Tot Ion:108 Resp: 17440

Ion Ratio Lower Upper

108 100

107 122.2 88.6 132.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

12000

10000

8000

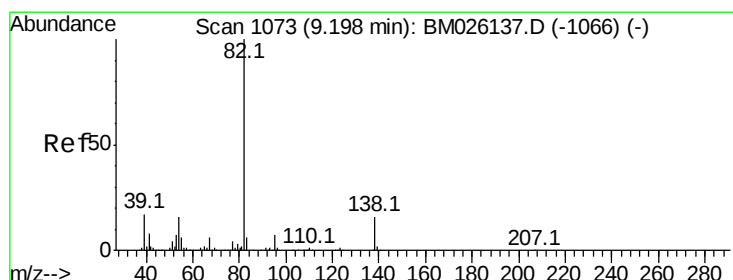
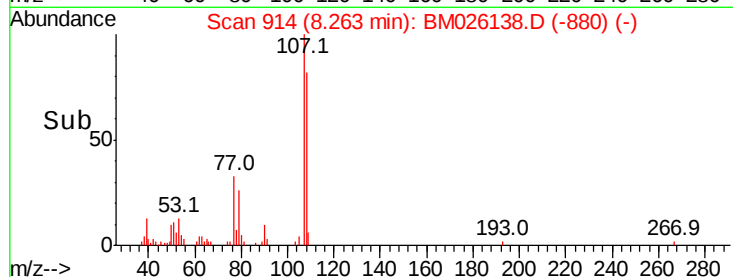
6000

4000

2000

0

Time--> 8.20 8.25 8.30 8.35



#21

Isophorone

Concen: 22.275 ng/ul

RT: 9.20 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

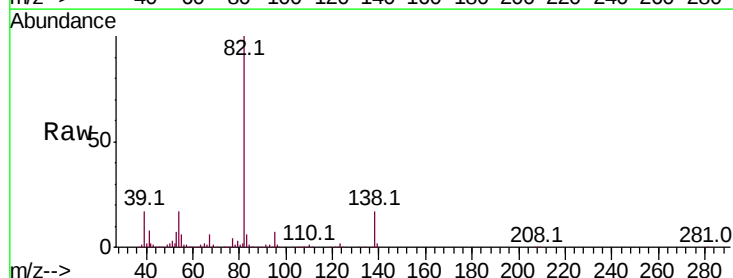
Tgt Ion: 82 Resp: 554166

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

138 16.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E

500000

400000

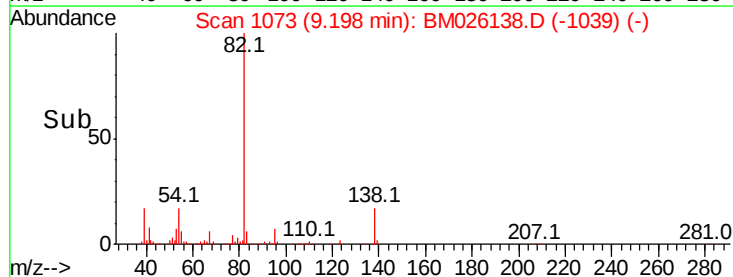
300000

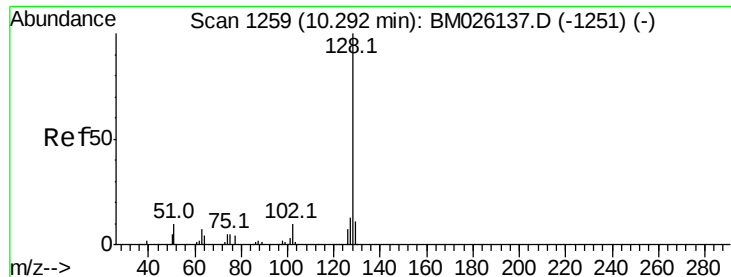
200000

100000

0

Time--> 9.10 9.20 9.30





#28

Naphthalene

Concen: 435.211 ng/ul

RT: 10.31 min Scan# 1262

Delta R.T. 0.02 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

Instrument :

BNA_M

ClientSampleId :

ETKW8DL

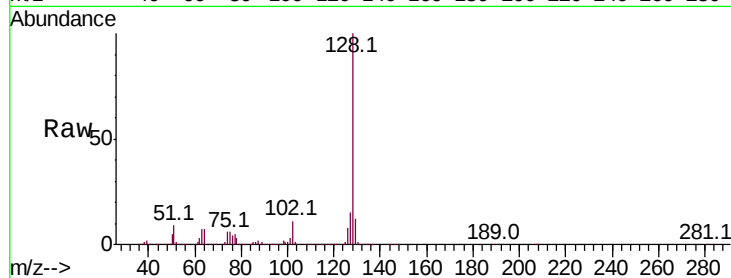
Tot Ion:128 Resp:15896651

Ion Ratio Lower Upper

128 100

129 12.2 9.0 13.4

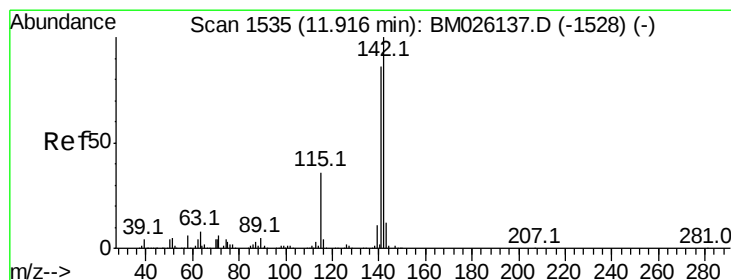
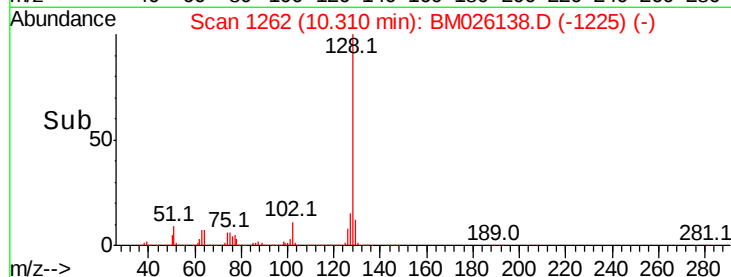
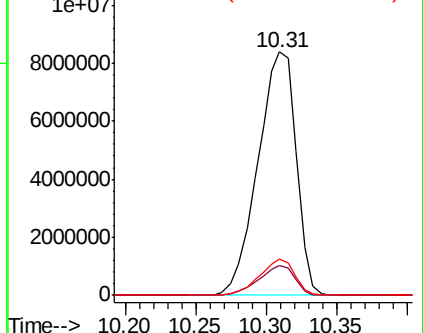
127 14.9 10.6 15.8



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



#34

2-Methylnaphthalene

Concen: 47.670 ng/ul

RT: 11.92 min Scan# 1535

Delta R.T. -0.00 min

Lab File: BM026138.D

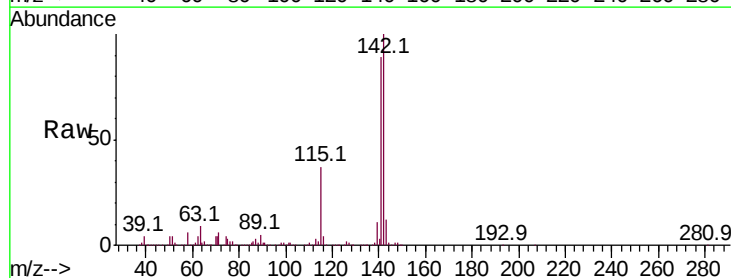
Acq: 27 May 2020 10:35

Tgt Ion:142 Resp: 1171160

Ion Ratio Lower Upper

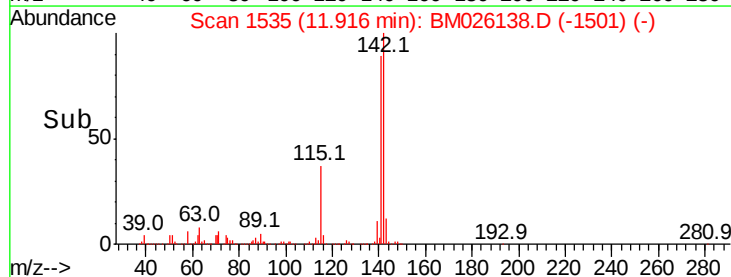
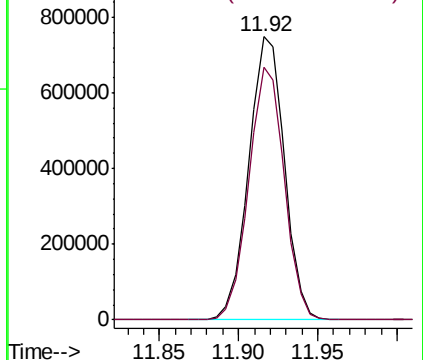
142 100

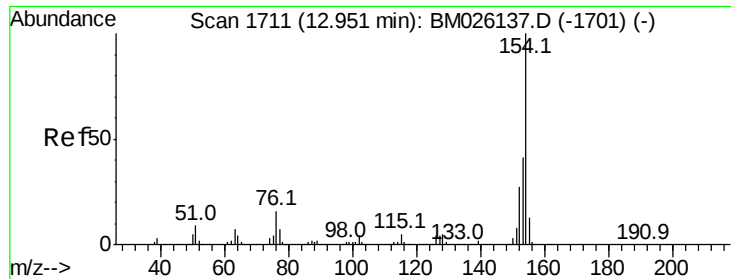
141 89.3 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

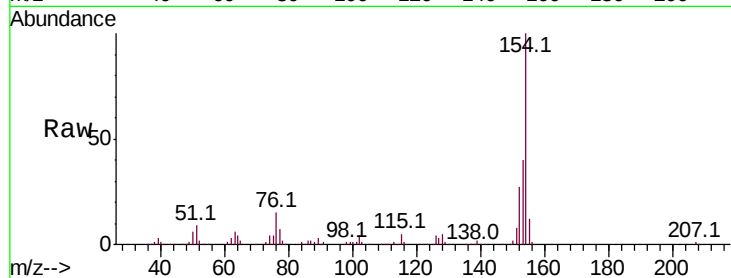




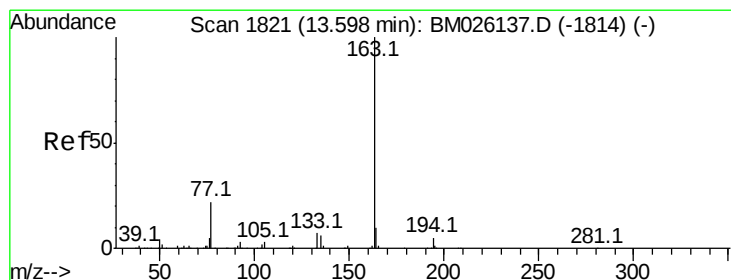
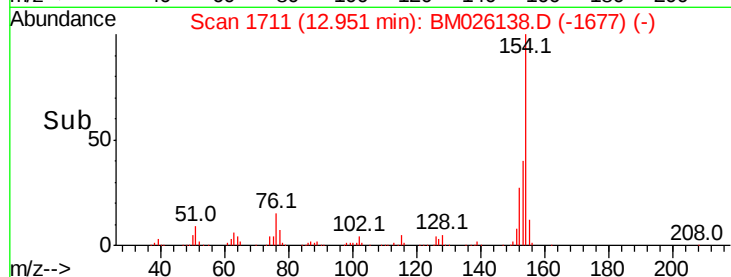
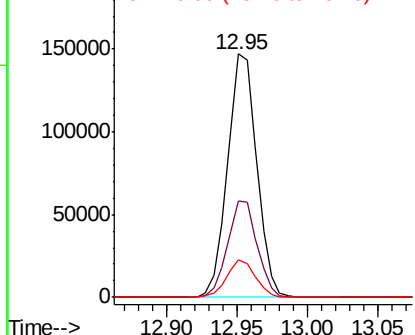
#41
 1,1'-Biphenyl
 Concen: 6.627 ng/ul
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM026138.D
 Acq: 27 May 2020 10:35

Instrument :
 BNA_M
 ClientSampleId :
 ETKW8DL

Tot Ion:	154	Resp:	212498
Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.3	48.5
76	15.5	13.0	19.6

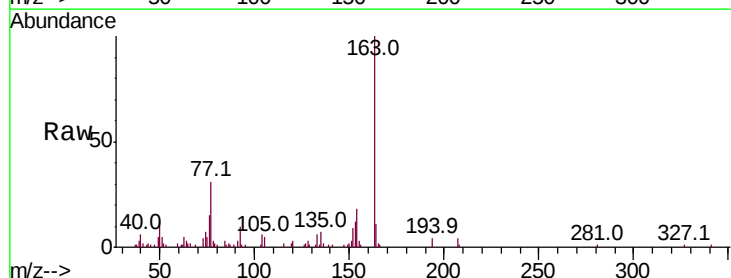


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

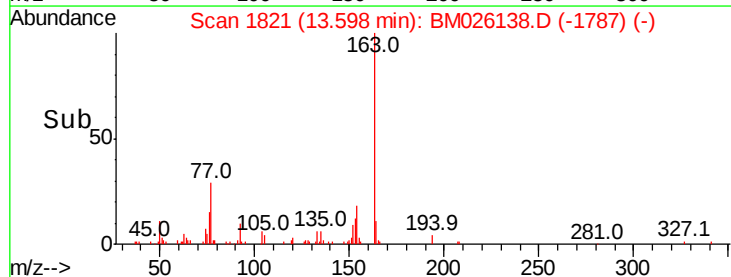
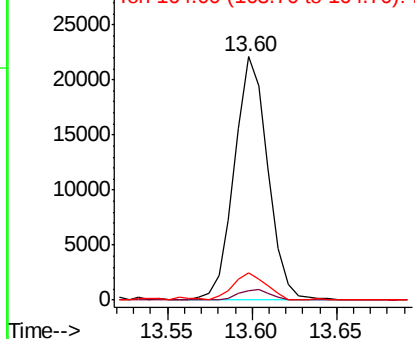


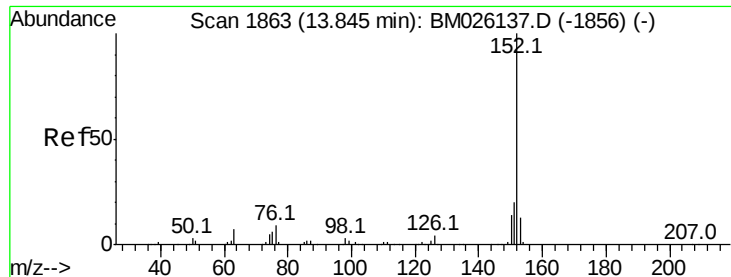
#45
 Dimethylphthalate
 Concen: 1.003 ng/ul
 RT: 13.60 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BM026138.D
 Acq: 27 May 2020 10:35

Tgt Ion:	163	Resp:	30523
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	11.4	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





#48

Acenaphthylene

Concen: 14.960 ng/ul

RT: 13.84 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

Instrument :

BNA_M

ClientSampleId :

ETKW8DL

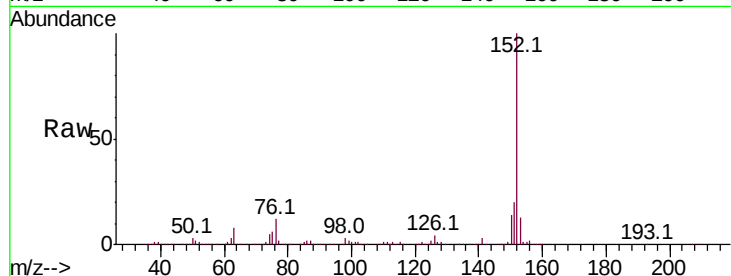
Tot Ion:152 Resp: 563921

Ion Ratio Lower Upper

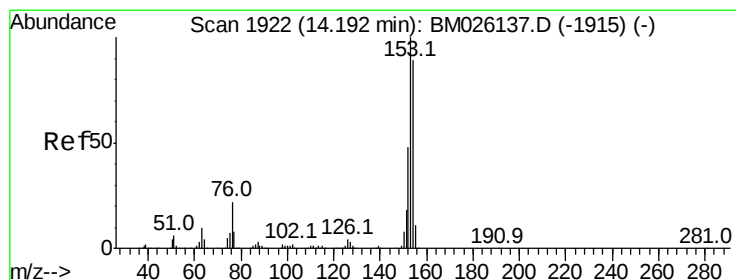
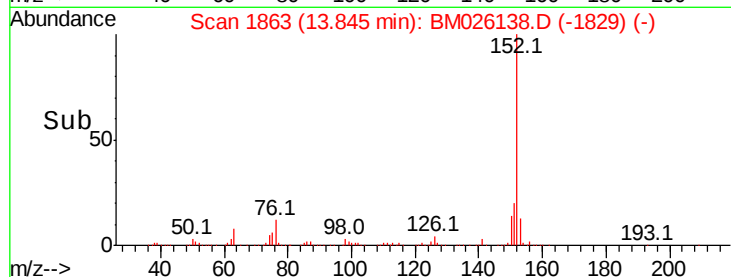
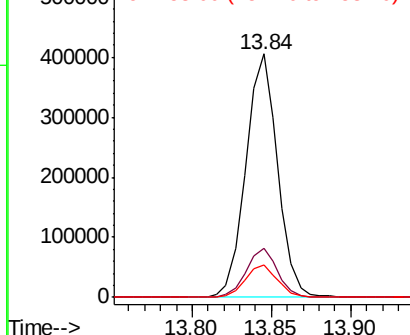
152 100

151 20.1 15.7 23.5

153 13.4 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.849 ng/ul

RT: 14.19 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

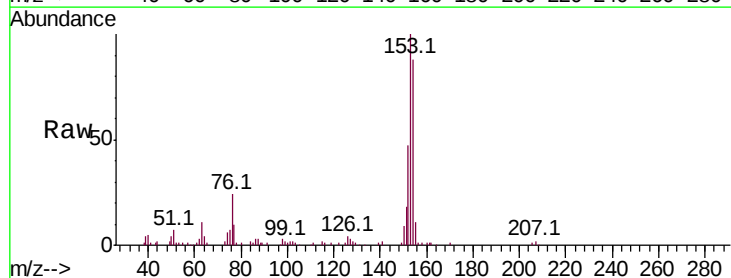
Tgt Ion:153 Resp: 49145

Ion Ratio Lower Upper

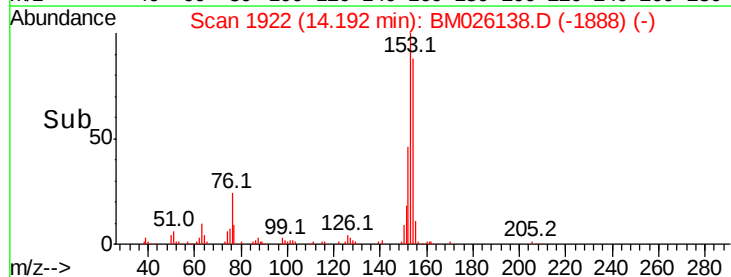
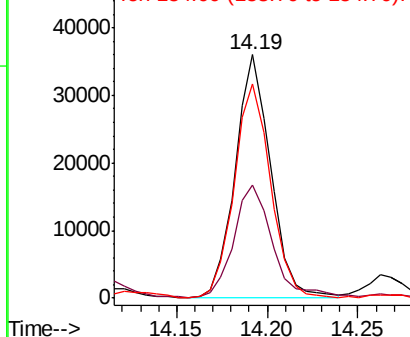
153 100

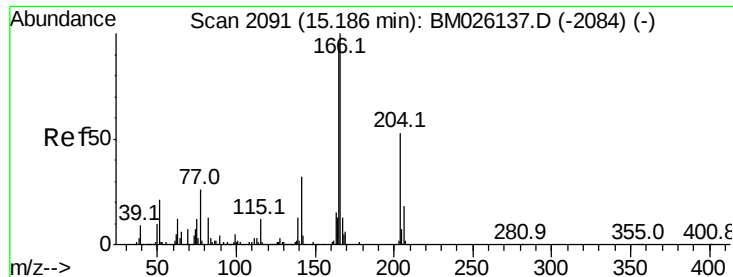
152 46.6 37.2 55.8

154 87.8 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





#59

Fluorene

Concen: 5.747 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM026138.D

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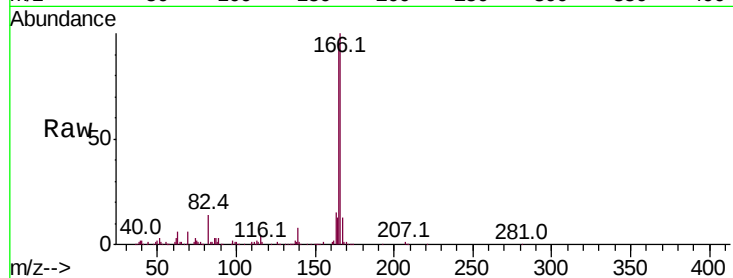
Tot Ion:166 Resp: 173688

Ion Ratio Lower Upper

166 100

165 96.2 77.3 115.9

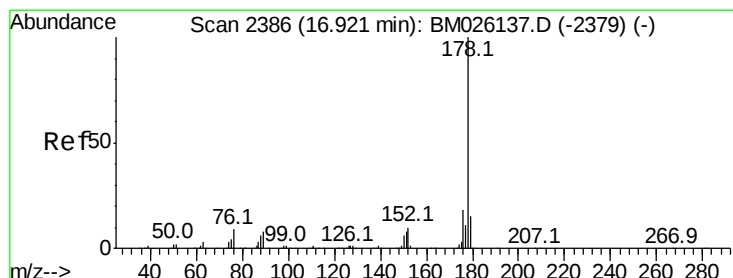
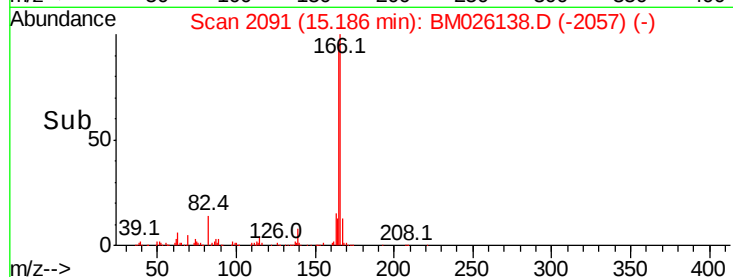
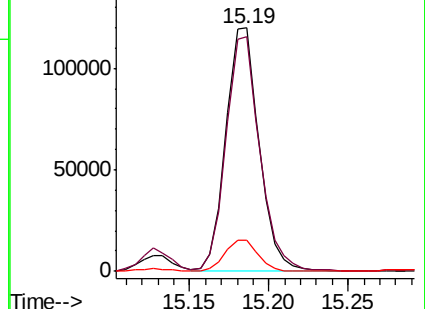
167 12.9 10.6 16.0



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: 8.943 ng/ul

RT: 16.92 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

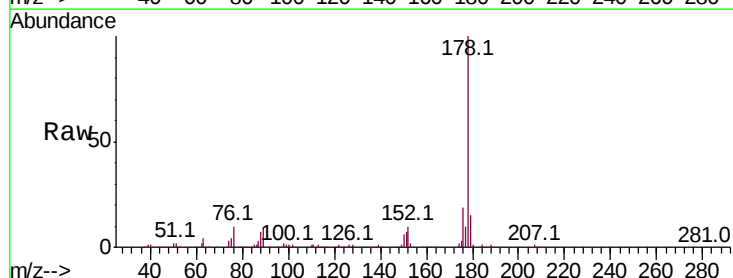
Tgt Ion:178 Resp: 440962

Ion Ratio Lower Upper

178 100

179 14.8 11.9 17.9

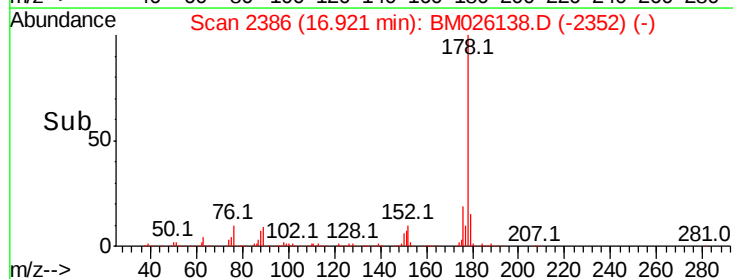
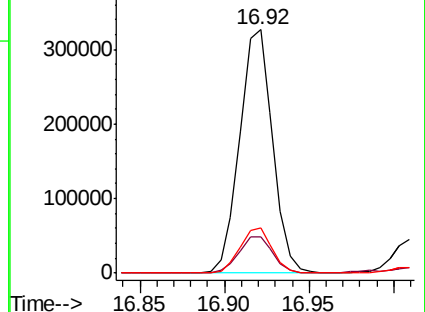
176 18.7 14.9 22.3

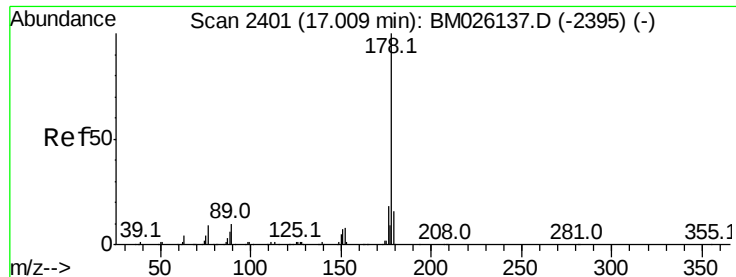


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.251 ng/ul

RT: 17.01 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM026138.D

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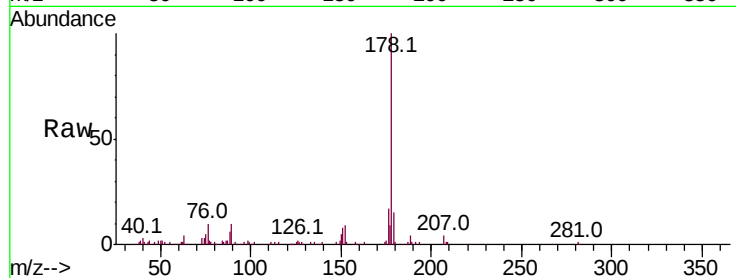
Tot Ion:178 Resp: 61867

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

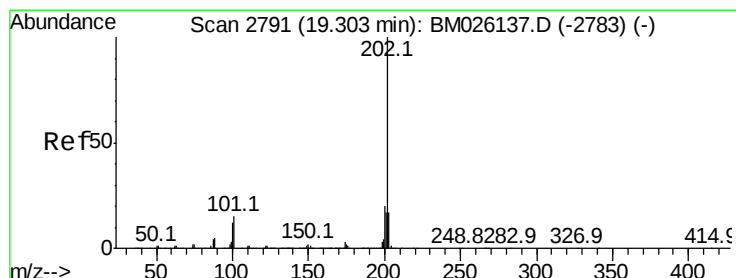
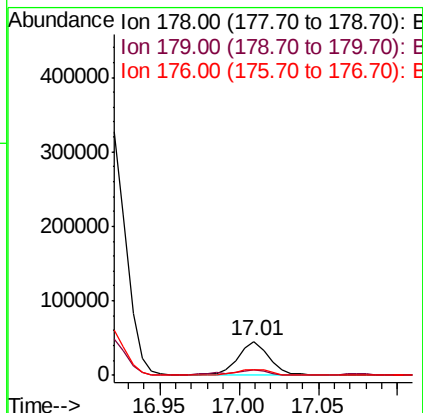
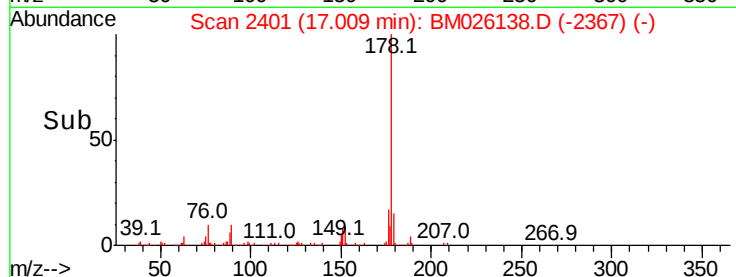
176 17.4 14.9 22.3



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



#80

Pyrene

Concen: 1.187 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM026138.D

Acq: 27 May 2020 10:35

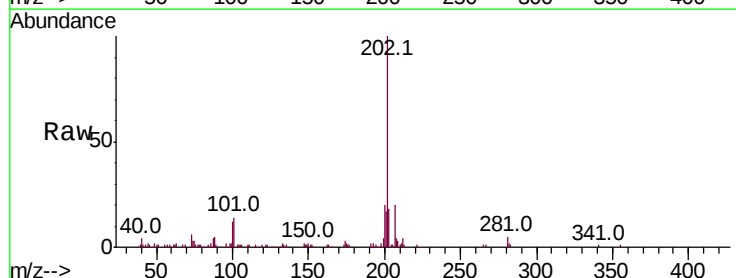
Tgt Ion:202 Resp: 67050

Ion Ratio Lower Upper

202 100

101 14.0 12.2 18.4

100 11.7 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): E

