

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
 Data File : BM026065.D
 Acq On : 21 May 2020 20:05
 Operator : MA/SJ
 Sample : L2725-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

Quant Time: May 22 01:54:29 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	193670	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	713465	20.00	ng/ul	0.06
36) Acenaphthene-d10	14.15	164	486668	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	981561	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	976646	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1010248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	27746	4.32	ng/uL	0.01
5) Phenol-d5	6.69	99	147914	8.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	407290	33.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	371848	27.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	253977	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	236917	40.73	ng/ul	0.01
22) 2-Nitrophenol-d4	9.37	143	243409	42.30	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.92	165	399159	34.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	50981	4.35	ng/ul	0.05
44) Dimethylphthalate-d6	13.57	166	1281243	32.83	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1552698	33.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	76536	11.07	ng/ul	0.01
58) Fluorene-d10	15.15	176	1115723	32.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.28	200	193998	33.90	ng/ul	0.01
71) Anthracene-d10	16.99	188	1670178	34.53	ng/ul	0.00
79) Pyrene-d10	19.29	212	1798750	35.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	1588927	29.55	ng/ul	0.00

Target Compounds

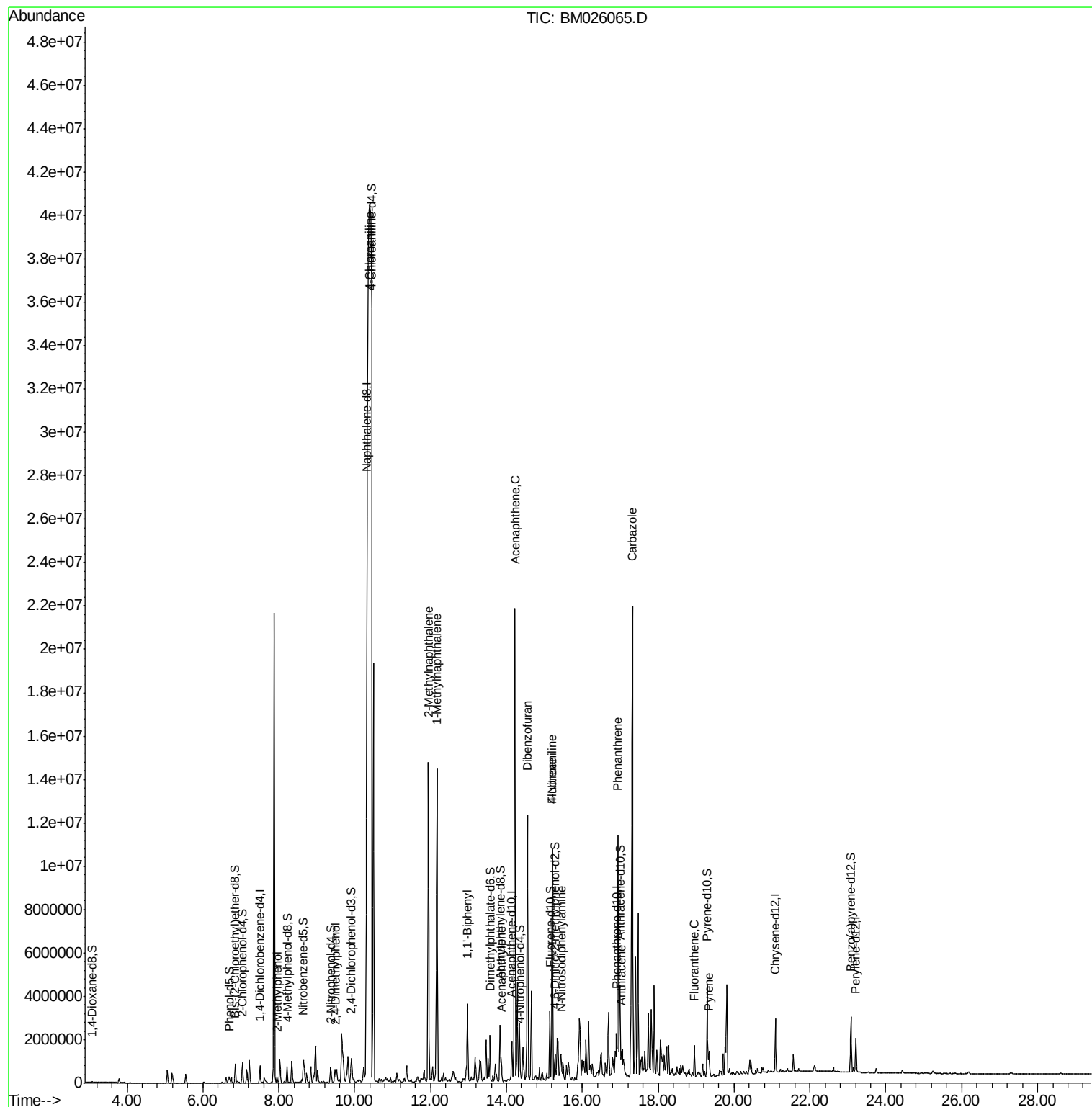
					Ovalue
11) 2-Methylphenol	7.95	108	84597	6.234	ng/ul 100
24) 2,4-Dimethylphenol	9.48	107	307214	19.228	ng/ul 98
30) 4-Chloroaniline	10.39	127	21715250	1774.176	ng/ul# 12
34) 2-Methylnaphthalene	11.95	142	6786625	231.303	ng/ul 100
35) 1-Methylnaphthalene	12.17	142	6306929	231.690	ng/ul 99
41) 1,1'-Biphenyl	12.97	154	1725227	39.951	ng/ul 99
48) Acenaphthylene	13.86	152	148030	2.916	ng/ul# 88
50) Acenaphthene	14.22	153	8990827	251.147	ng/ul 98
54) Dibenzofuran	14.56	168	6870913	136.571	ng/ul 99
59) Fluorene	15.20	166	4633598	113.855	ng/ul 99
61) 4-Nitroaniline	15.20	138	54829	6.559	ng/ul# 21
65) N-Nitrosodiphenylamine	15.45	169	61213	1.861	ng/ul# 1
70) Phenanthrene	16.94	178	6348667	102.681	ng/ul 99
72) Anthracene	17.03	178	481123	7.756	ng/ul 98
75) Carbazole	17.32	167	15455743	301.173	ng/ul 93
77) Fluoranthene	18.96	202	709735	10.943	ng/ul 99
80) Pyrene	19.32	202	387532	5.652	ng/ul 97

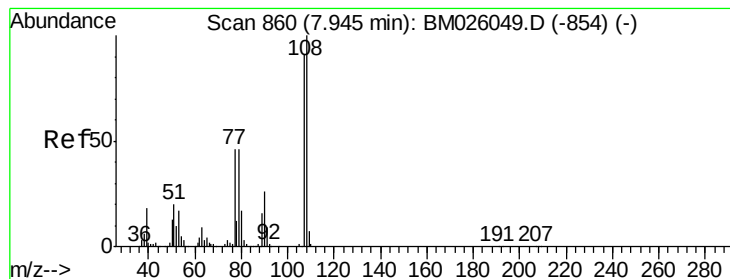
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052120\
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#11

2-Methylphenol

Concen: 6.234 ng/ul

RT: 7.95 min Scan# 861

Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

ClientSampleId :

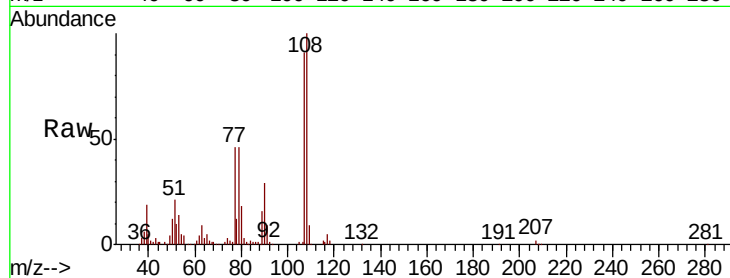
F9B22

Tot Ion:108 Resp: 84597

Ion Ratio Lower Upper

108 100

107 90.8 72.3 108.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

60000

50000

40000

30000

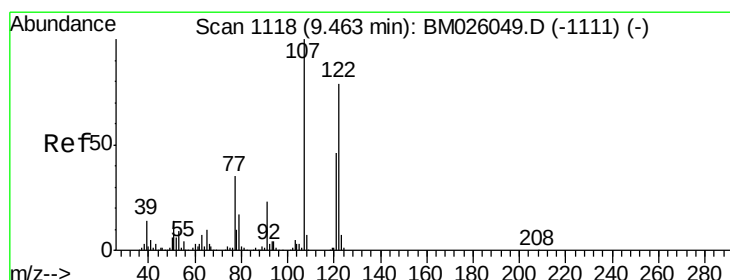
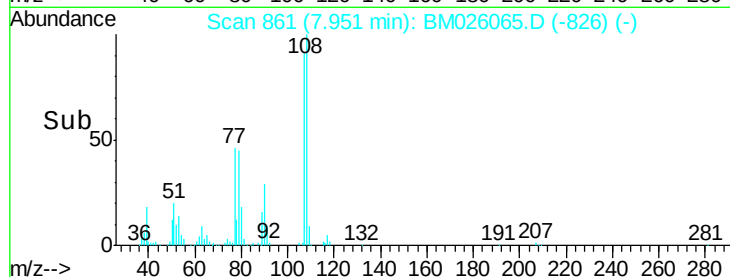
20000

10000

0

7.90 7.95 8.00

Time-->



#24

2,4-Dimethylphenol

Concen: 19.228 ng/ul

RT: 9.48 min Scan# 1121

Delta R.T. 0.02 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

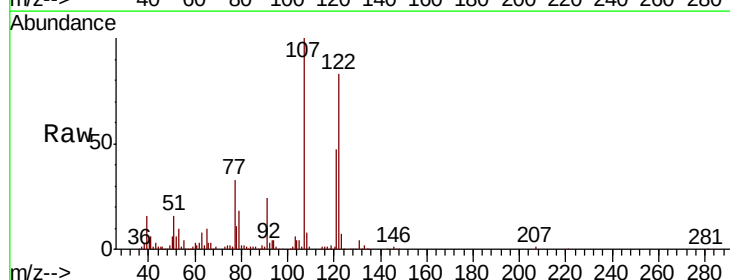
Tgt Ion:107 Resp: 307214

Ion Ratio Lower Upper

107 100

121 47.1 37.5 56.3

122 82.7 63.8 95.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E

150000

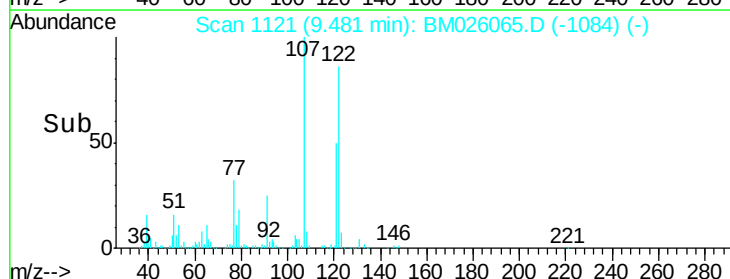
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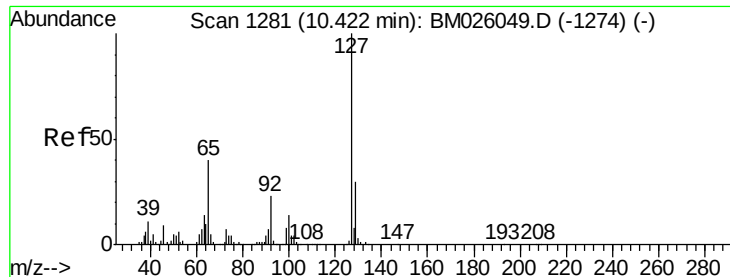
50000

0

9.40 9.50 9.60

Time-->

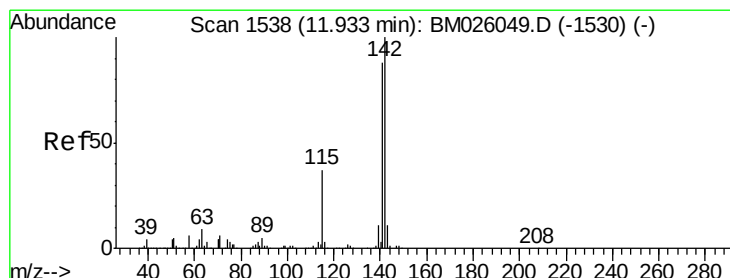
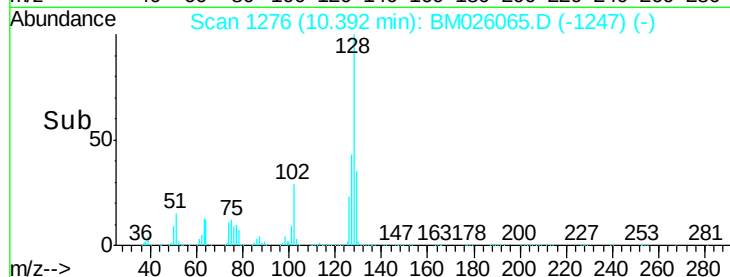
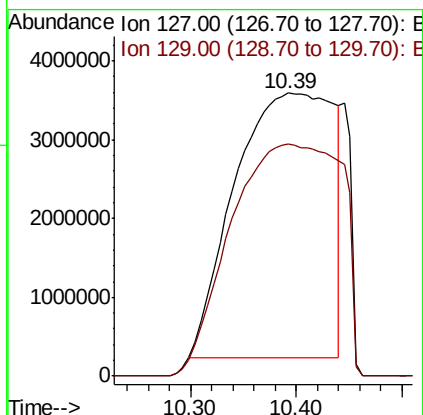
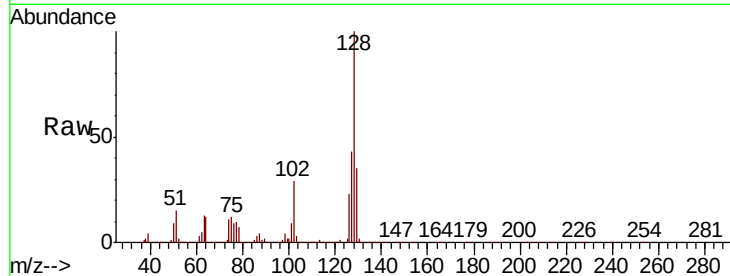




#30
 4-Chloroaniline
 Concen: 1774.176 ng/ul
 RT: 10.39 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

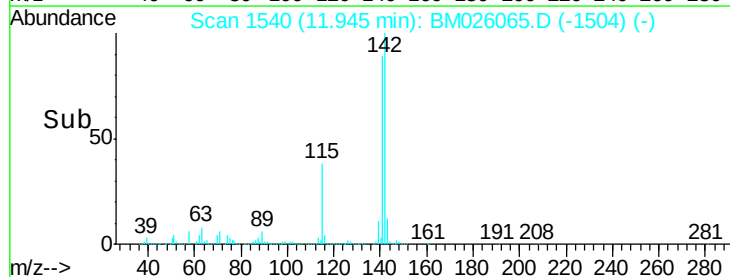
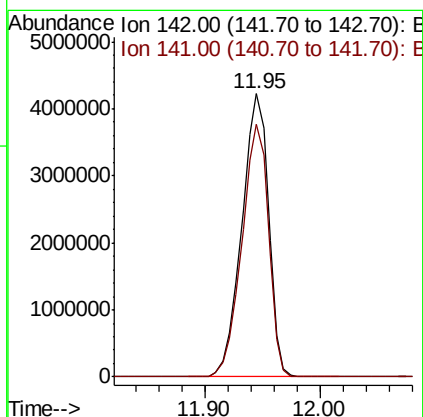
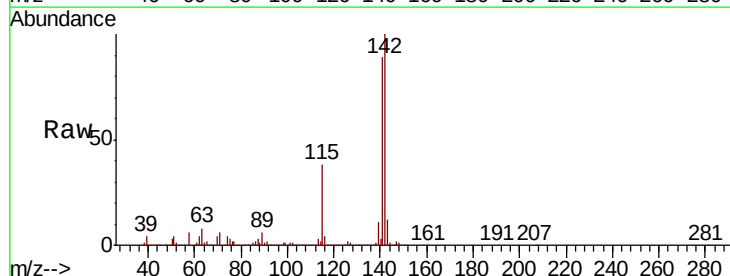
Instrument :
 BNA_M
 ClientSampleId :
 F9B22

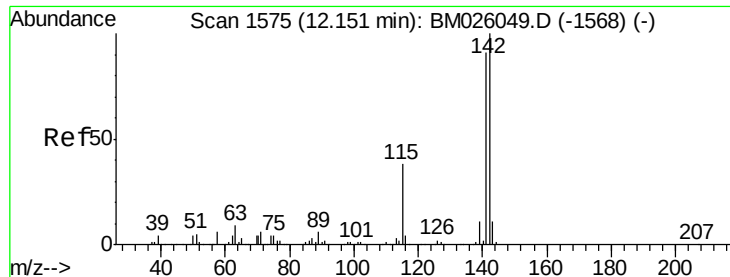
Tot Ion:127 Resp:21715250
 Ion Ratio Lower Upper
 127 100
 129 82.1 26.2 39.2#



#34
 2-Methylnaphthalene
 Concen: 231.303 ng/ul
 RT: 11.95 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion:142 Resp: 6786625
 Ion Ratio Lower Upper
 142 100
 141 89.3 71.8 107.6

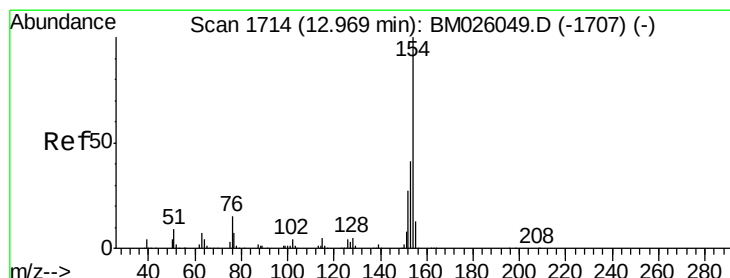
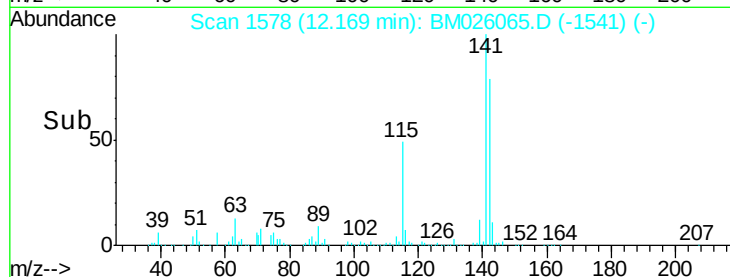
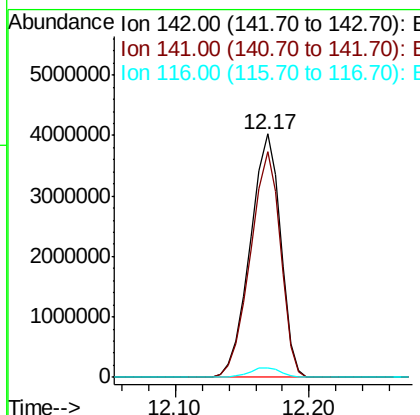
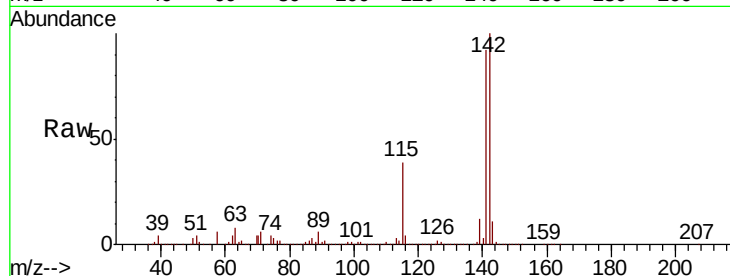




#35
 1-Methylnaphthalene
 Concen: 231.690 ng/ul
 RT: 12.17 min Scan# 1578
 Delta R.T. 0.02 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

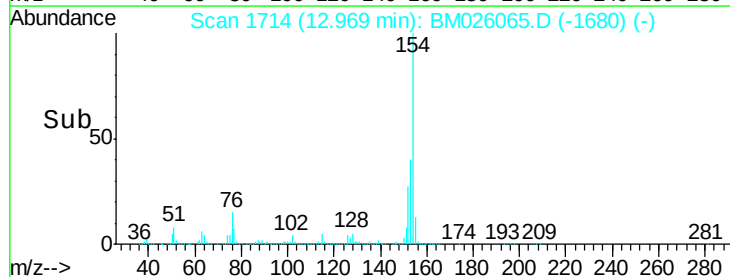
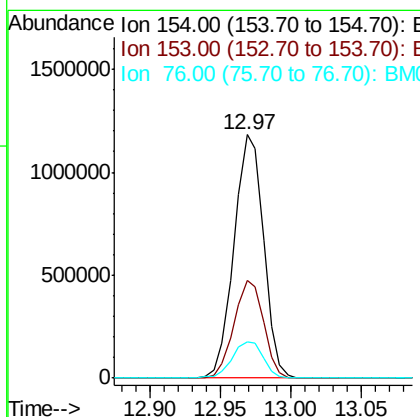
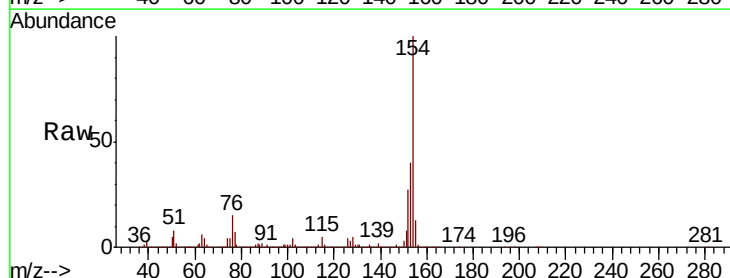
Instrument :
 BNA_M
 ClientSampleId :
 F9B22

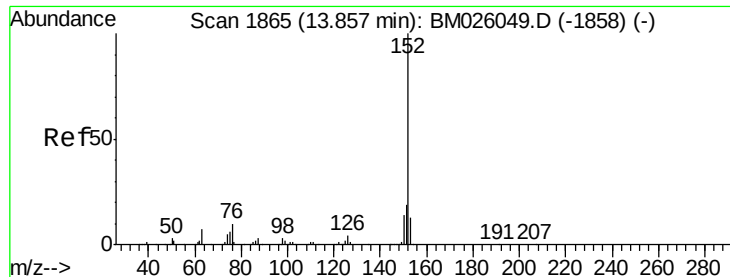
Tot Ion:142 Resp: 6306929
 Ion Ratio Lower Upper
 142 100
 141 92.4 73.0 109.4
 116 4.1 3.3 4.9



#41
 1,1'-Biphenyl
 Concen: 39.951 ng/ul
 RT: 12.97 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Tgt Ion:154 Resp: 1725227
 Ion Ratio Lower Upper
 154 100
 153 40.1 32.3 48.5
 76 15.1 13.0 19.6





#48

Acenaphthylene

Concen: 2.916 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. 0.00 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

ClientSampleId :

F9B22

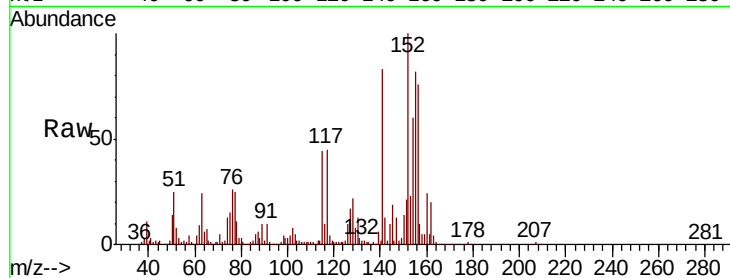
Tot Ion:152 Resp: 148030

Ion Ratio Lower Upper

152 100

151 20.7 15.7 23.5

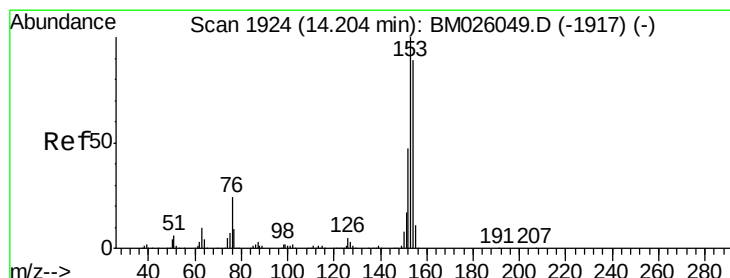
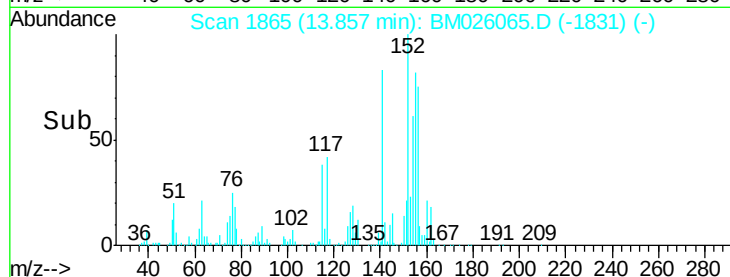
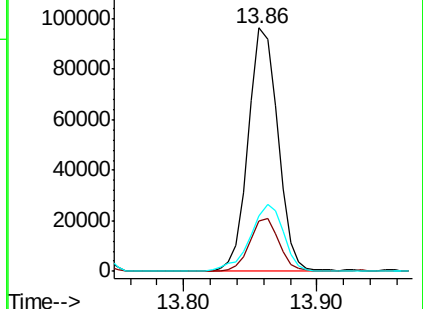
153 22.9 10.2 15.2#



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: 251.147 ng/ul

RT: 14.22 min Scan# 1927

Delta R.T. 0.02 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

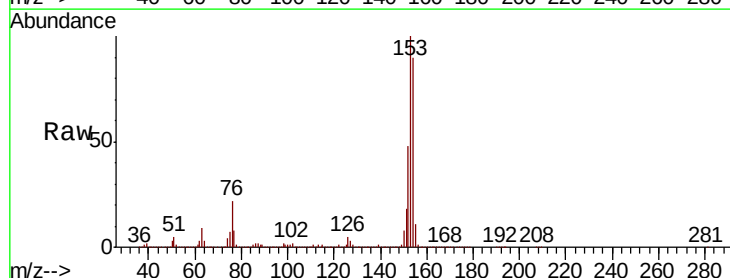
Tgt Ion:153 Resp: 8990827

Ion Ratio Lower Upper

153 100

152 47.6 37.2 55.8

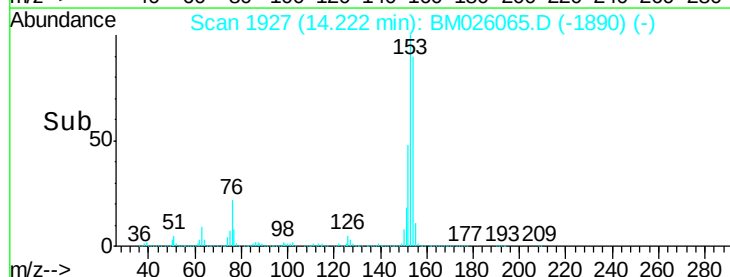
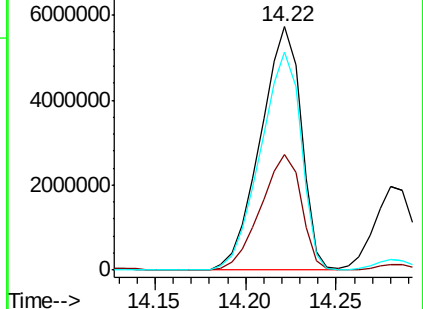
154 89.8 69.8 104.8

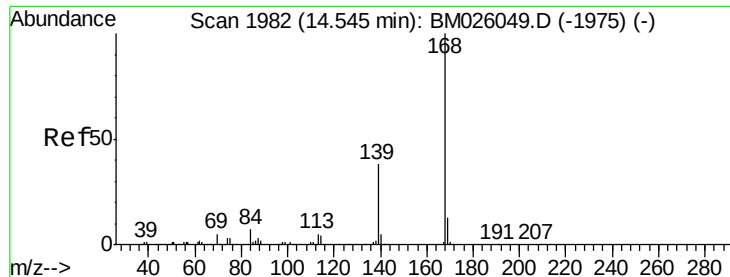


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 136.571 ng/ul

RT: 14.56 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

ClientSampleId :

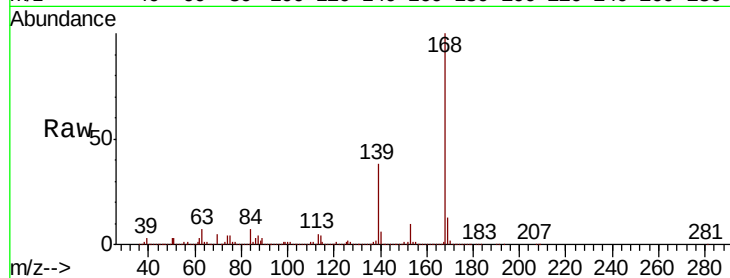
F9B22

Tot Ion:168 Resp: 6870913

Ion Ratio Lower Upper

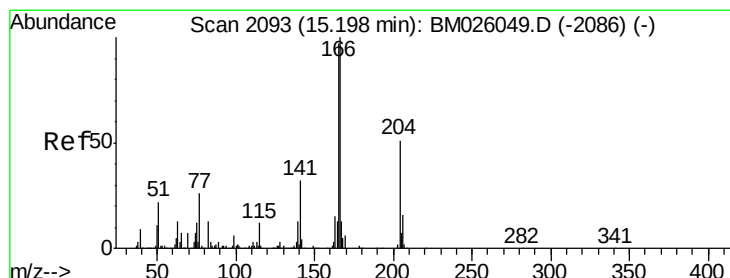
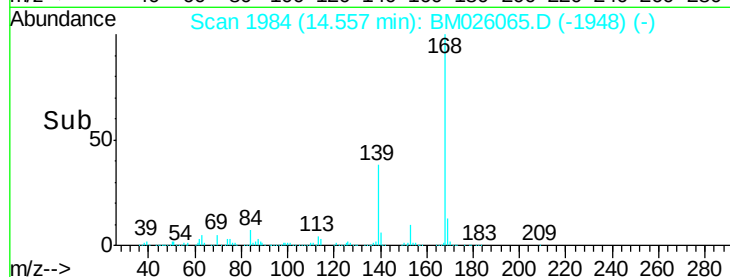
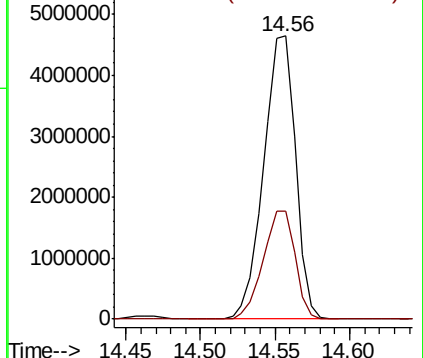
168 100

139 38.0 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: 113.855 ng/ul

RT: 15.20 min Scan# 2094

Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

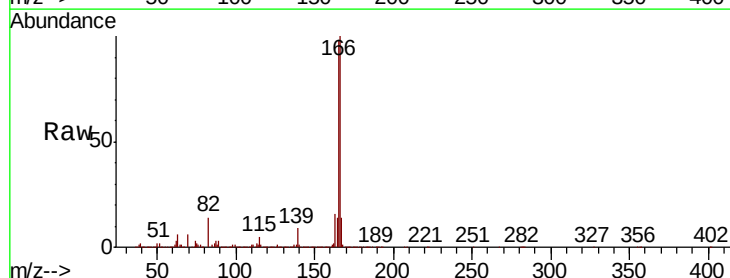
Tgt Ion:166 Resp: 4633598

Ion Ratio Lower Upper

166 100

165 97.6 77.3 115.9

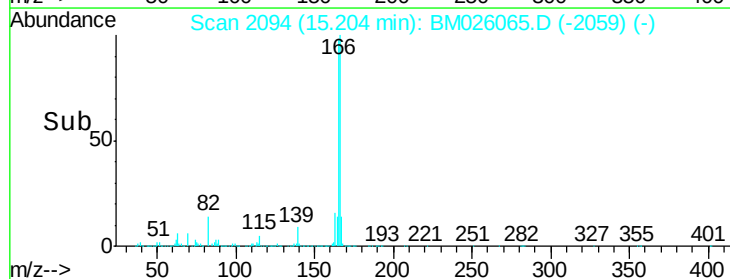
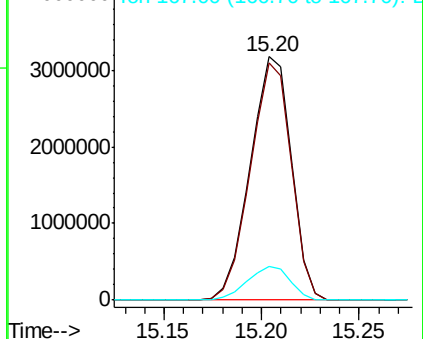
167 13.8 10.6 16.0

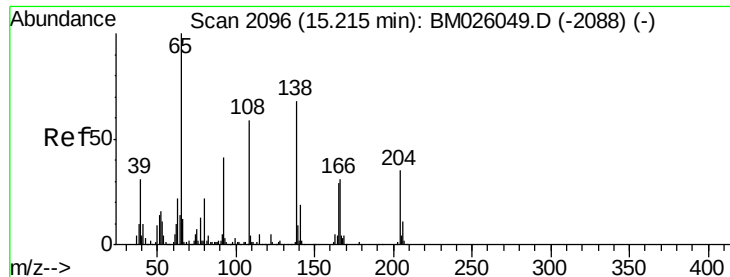


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

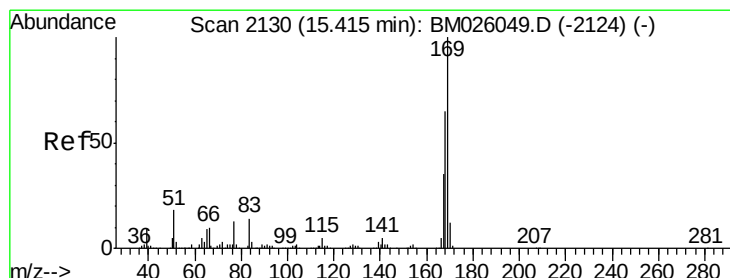
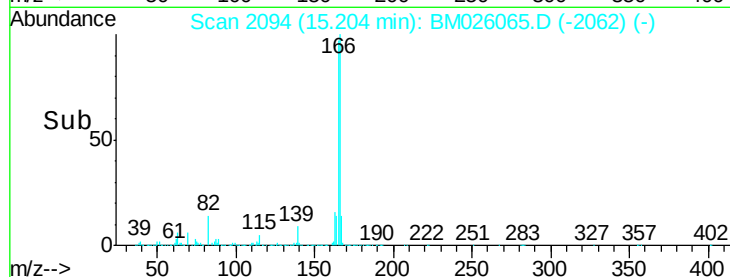
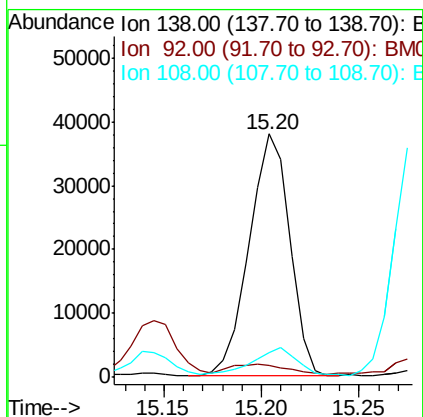
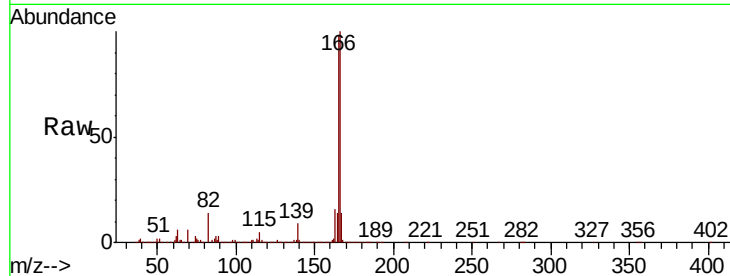




#61
4-Nitroaniline
Concen: 6.559 ng/ul
RT: 15.20 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM026065.D
Acq: 21 May 2020 20:05

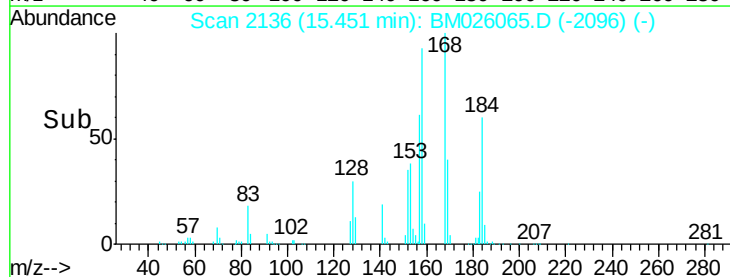
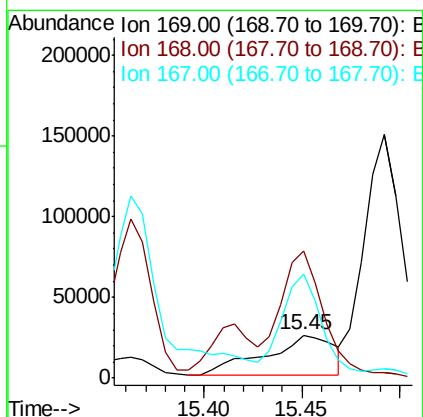
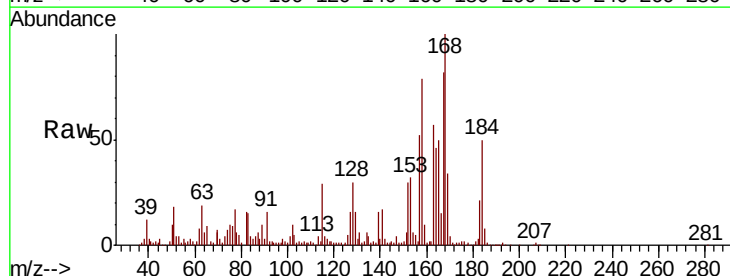
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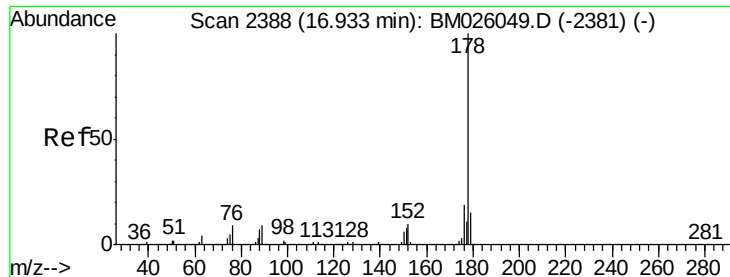
Tot Ion:138 Resp: 54829
Ion Ratio Lower Upper
138 100
92 4.7 49.4 74.2#
108 10.3 68.3 102.5#



#65
N-Nitrosodiphenylamine
Concen: 1.861 ng/ul
RT: 15.45 min Scan# 2136
Delta R.T. 0.04 min
Lab File: BM026065.D
Acq: 21 May 2020 20:05

Tgt Ion:169 Resp: 61213
Ion Ratio Lower Upper
169 100
168 292.8 52.6 78.8#
167 240.0 27.7 41.5#





#70

Phenanthrene

Concen: 102.681 ng/ul

RT: 16.94 min Scan# 2389

Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

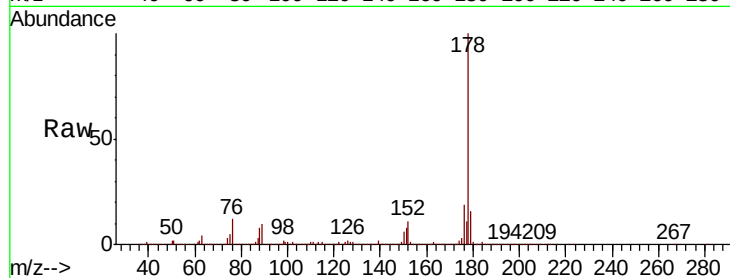
BNA_M

ClientSampled :

F9B22

Tot Ion:178 Resp: 6348667

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	19.2	14.9	22.3

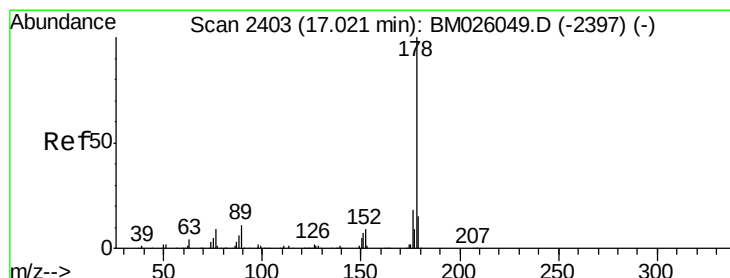
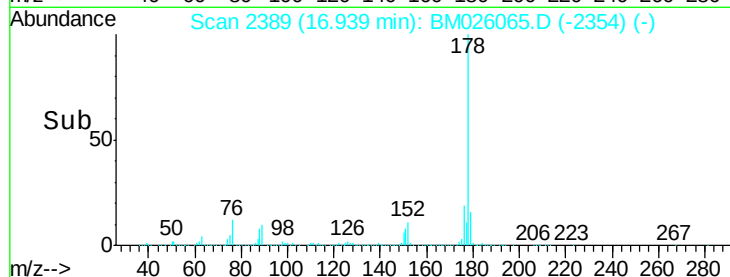
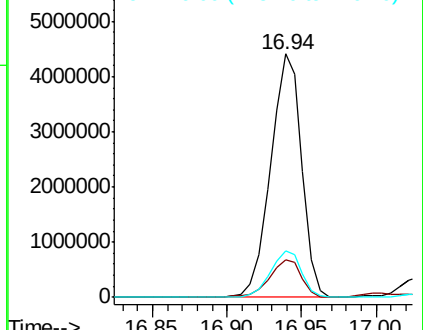


Abundance

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: 7.756 ng/ul

RT: 17.03 min Scan# 2404

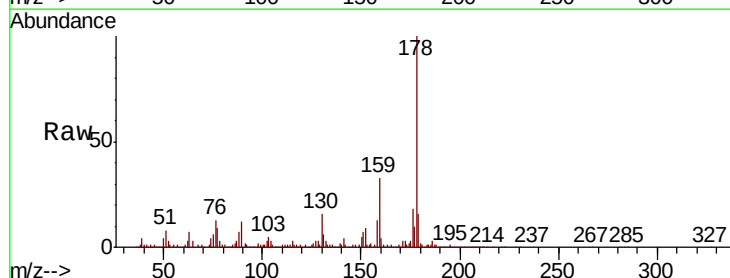
Delta R.T. 0.01 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Tgt Ion:178 Resp: 481123

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	17.9	14.9	22.3

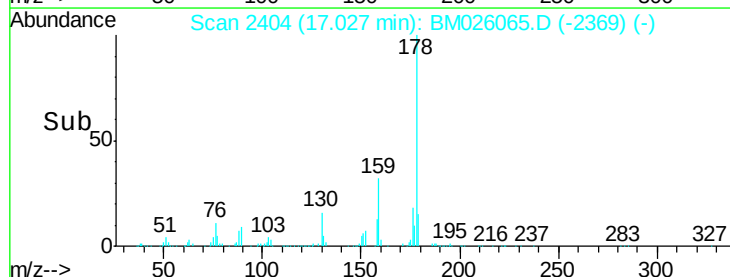
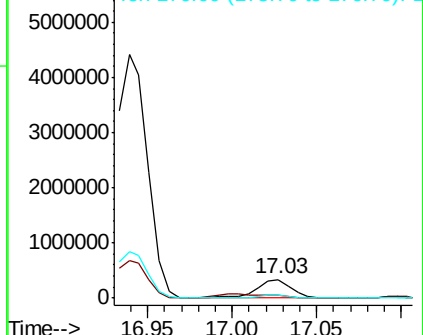


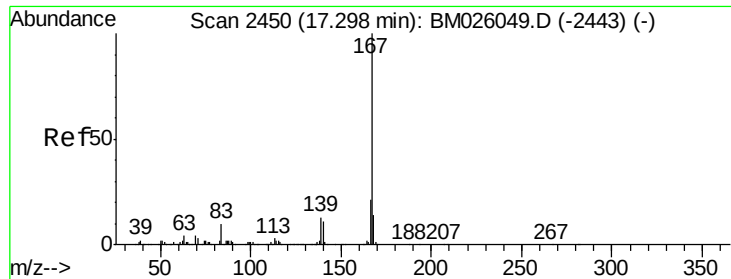
Abundance

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: 301.173 ng/ul

RT: 17.32 min Scan# 2454

Delta R.T. 0.02 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

Instrument :

BNA_M

ClientSampled :

F9B22

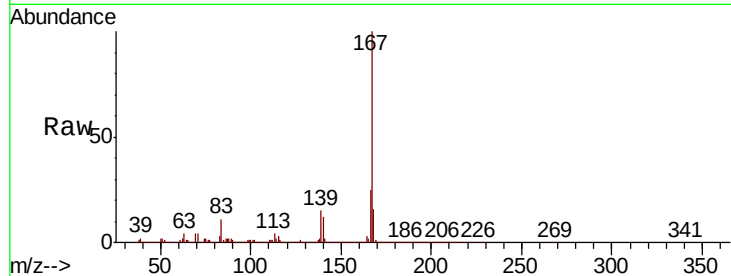
Tot Ion:167 Resp:15455743

Ion Ratio Lower Upper

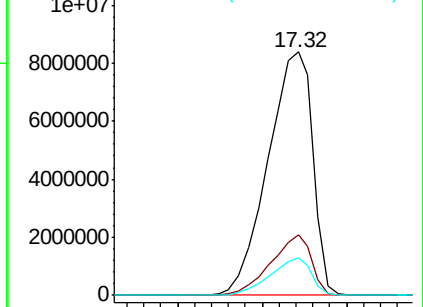
167 100

166 24.7 16.6 25.0

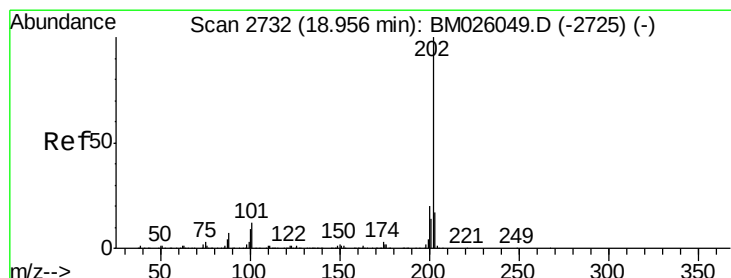
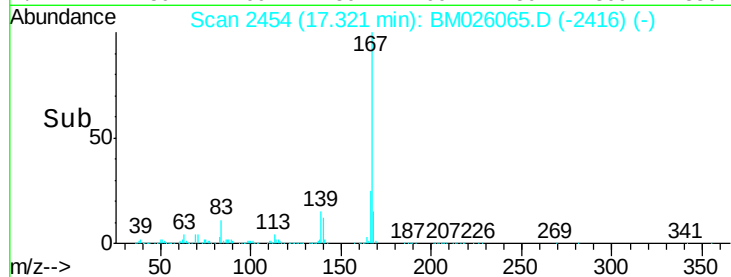
139 15.5 10.8 16.2



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



Time-->



#77

Fluoranthene

Concen: 10.943 ng/ul

RT: 18.96 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM026065.D

Acq: 21 May 2020 20:05

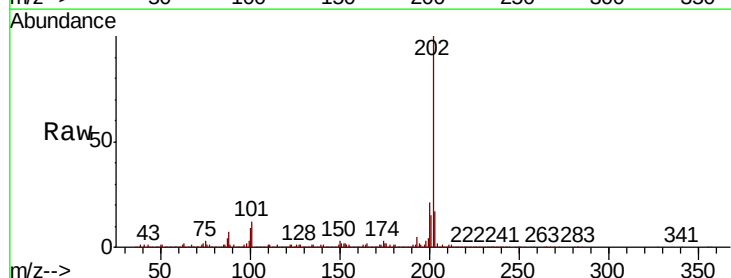
Tgt Ion:202 Resp: 709735

Ion Ratio Lower Upper

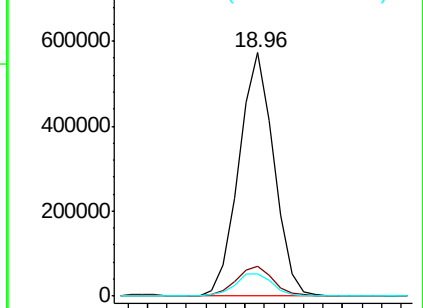
202 100

101 12.3 9.5 14.3

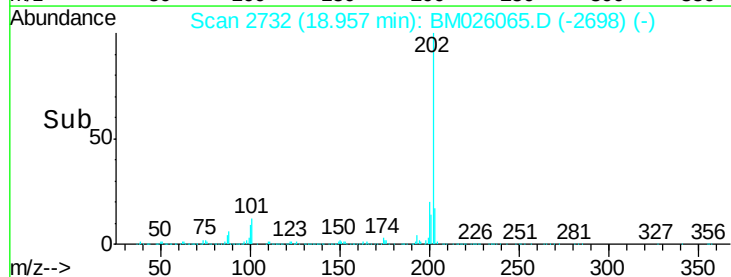
100 9.1 7.6 11.4

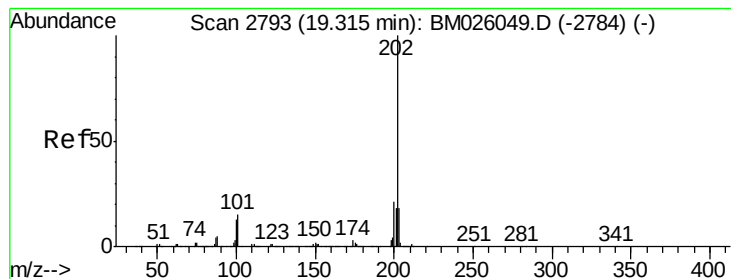


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80
 Pvrene
 Concen: 5.652 ng/ul
 RT: 19.32 min Scan# 2794
 Delta R.T. 0.01 min
 Lab File: BM026065.D
 Acq: 21 May 2020 20:05

Instrument :
 BNA_M
 ClientSampleId :
 F9B22

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.4
100	11.5	10.2	15.4

