

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM071119\
 Data File : BM021436.D
 Acq On : 11 Jul 2019 20:10
 Operator : HP/JU
 Sample : K3717-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF4A1

Quant Time: Jul 12 04:55:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 08 17:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	166182	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	644434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	369963	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	852841	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	855784	20.00	ng/ul	0.00
85) Perylene-d12	23.58	264	1004107	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	6071	1.80	ng/uL	0.00
5) Phenol-d5	6.91	99	108913	8.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	227204	29.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	289664	26.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	191262	18.58	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	167496	31.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	186221	31.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	339204	28.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	35789	3.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1079677	33.32	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	1242207	30.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	28601	5.57	ng/ul	0.00
57) Fluorene-d10	15.37	176	940008	32.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	134907	23.53	ng/ul	0.00
70) Anthracene-d10	17.23	188	1506050	34.00	ng/ul	0.00
78) Pyrene-d10	19.52	212	1687316	35.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	1975169	34.20	ng/ul	0.00

Target Compounds

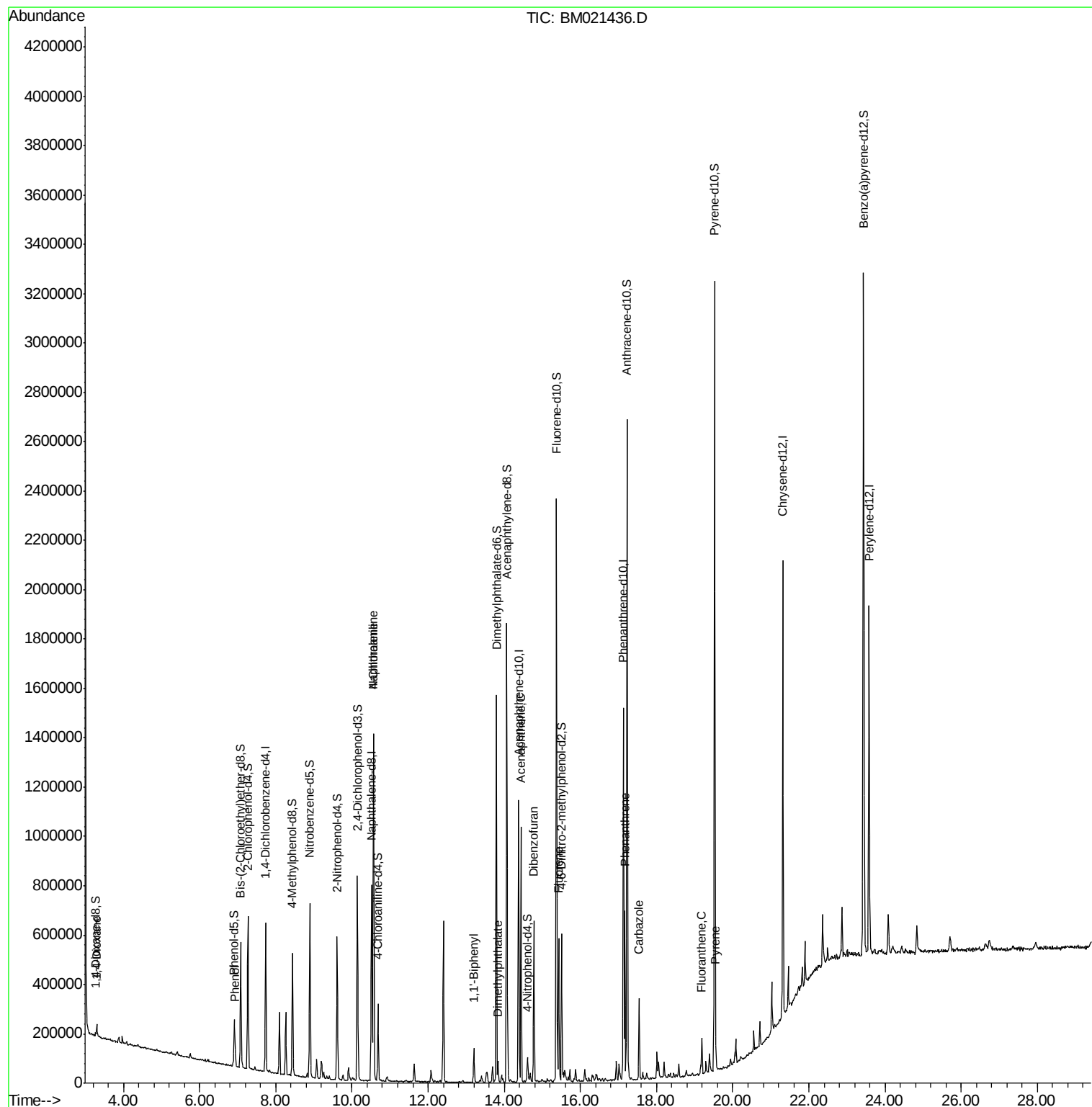
					Qvalue	
2) 1,4-Dioxane	3.30	88	25703	7.249	ng/uL	95
6) Phenol	6.93	94	26724	2.161	ng/ul	98
28) Naphthalene	10.57	128	1174502	35.020	ng/ul	100
30) 4-Chloroaniline	10.57	127	155461	15.027	ng/ul#	10
40) 1,1'-Biphenyl	13.20	154	73484	2.373	ng/ul	97
44) Dimethylphthalate	13.84	163	52414	1.737	ng/ul	98
49) Acenaphthene	14.44	153	419494	16.311	ng/ul	100
53) Dibenzofuran	14.77	168	426616	11.451	ng/ul	98
58) Fluorene	15.43	166	250482	8.310	ng/ul	98
69) Phenanthrene	17.17	178	389817	8.106	ng/ul	99
74) Carbazole	17.54	167	207702	5.113	ng/ul	100
76) Fluoranthene	19.19	202	86410	1.513	ng/ul	98
79) Pyrene	19.55	202	59068	1.043	ng/ul#	95

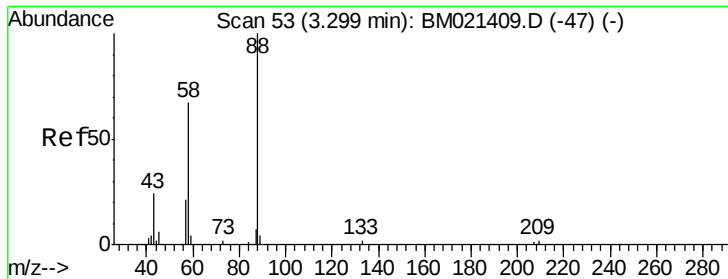
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.249 ng/uL

RT: 3.30 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

Instrument :

BNA_M

ClientSampleId :

BF4A1

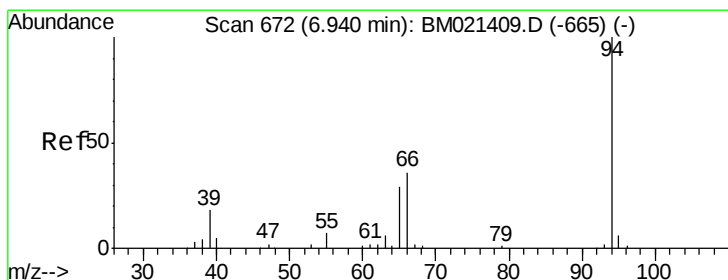
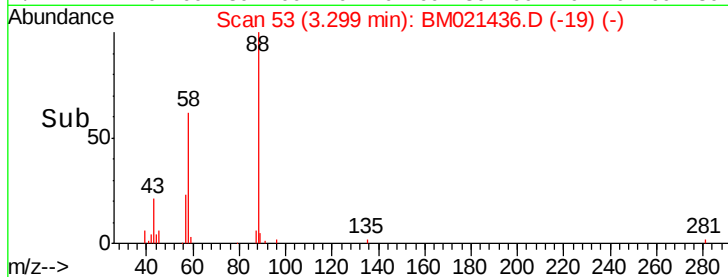
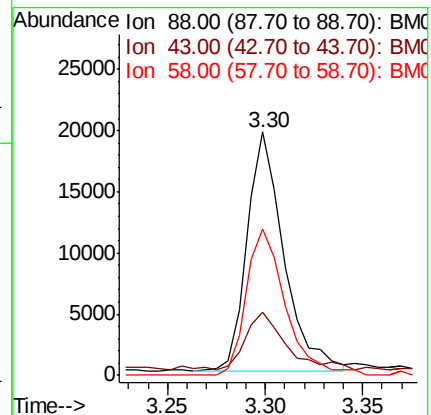
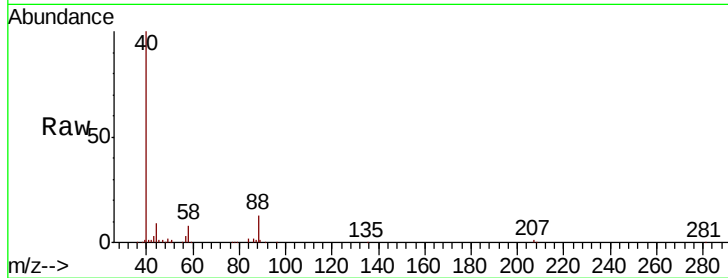
Tgt Ion: 88 Resp: 25703

Ion Ratio Lower Upper

88 100

43 25.7 23.4 35.2

58 59.9 50.6 75.8



#6

Phenol

Concen: 2.161 ng/uL

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

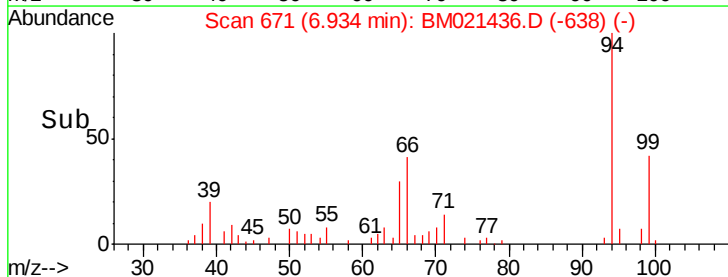
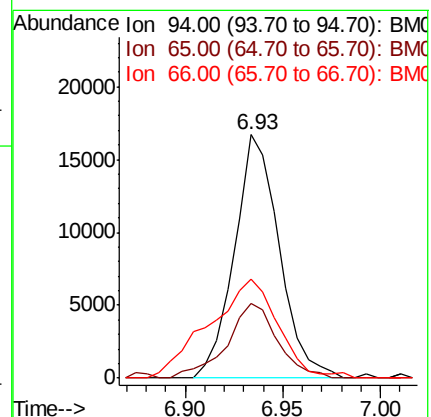
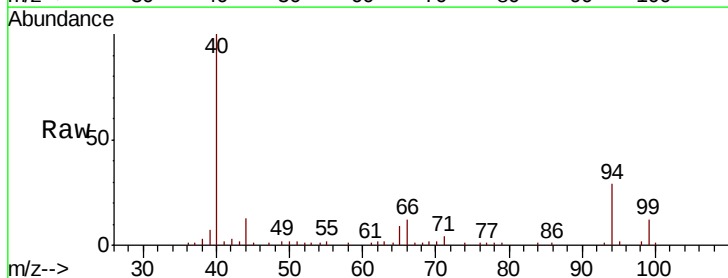
Tgt Ion: 94 Resp: 26724

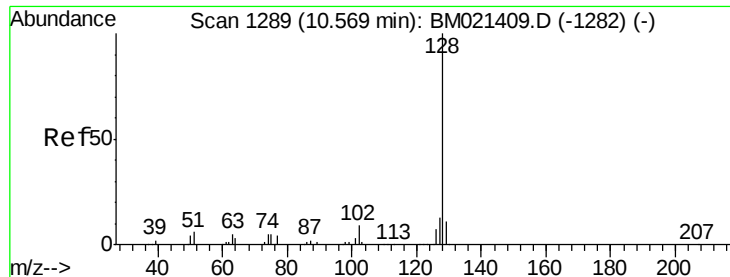
Ion Ratio Lower Upper

94 100

65 30.5 23.0 34.6

66 40.6 31.6 47.4





#28

Naphthalene

Concen: 35.020 ng/ul

RT: 10.57 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

Instrument :

BNA_M

ClientSampleId :

BF4A1

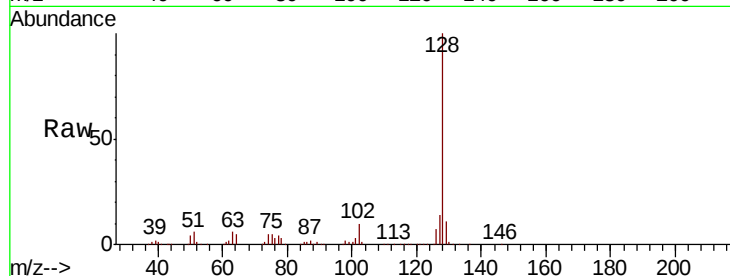
Tgt Ion:128 Resp: 1174502

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

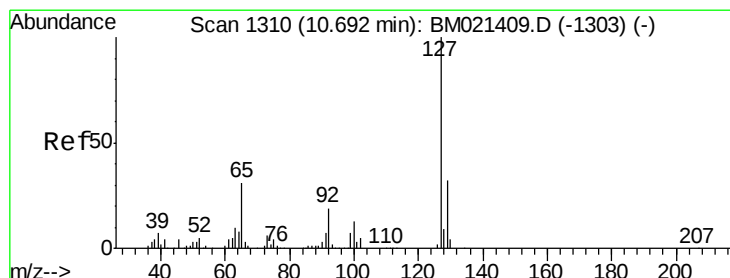
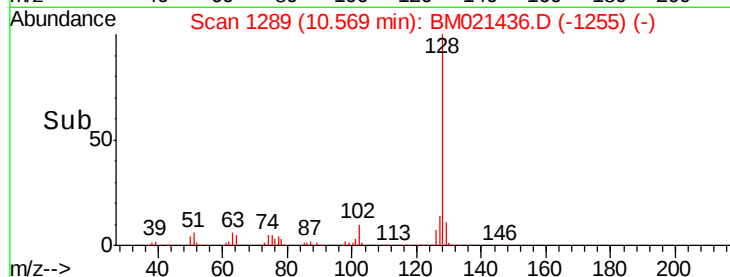
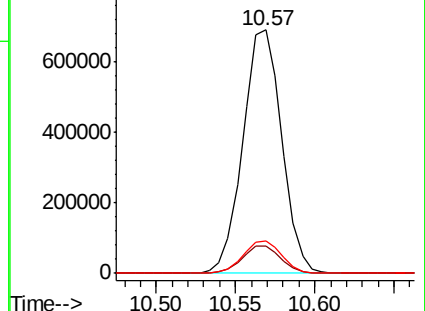
127 13.6 10.6 16.0



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



#30

4-Chloroaniline

Concen: 15.027 ng/ul

RT: 10.57 min Scan# 1289

Delta R.T. -0.12 min

Lab File: BM021436.D

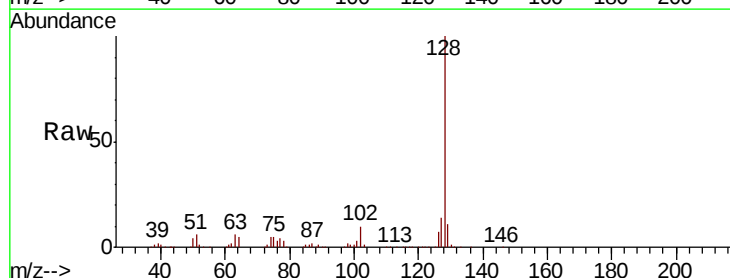
Acq: 11 Jul 2019 20:10

Tgt Ion:127 Resp: 155461

Ion Ratio Lower Upper

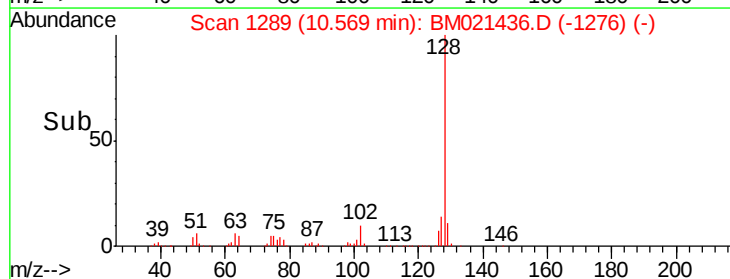
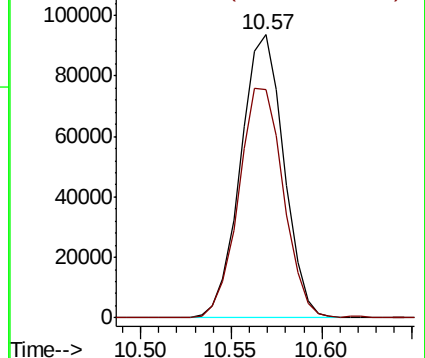
127 100

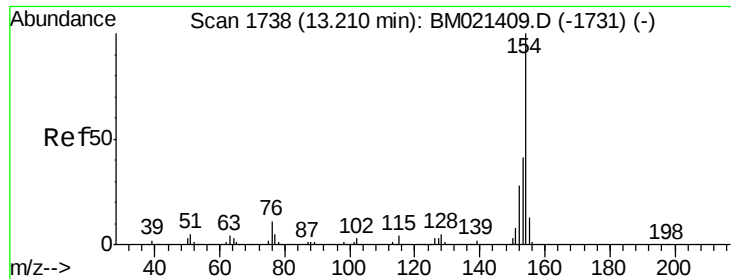
129 80.8 25.0 37.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

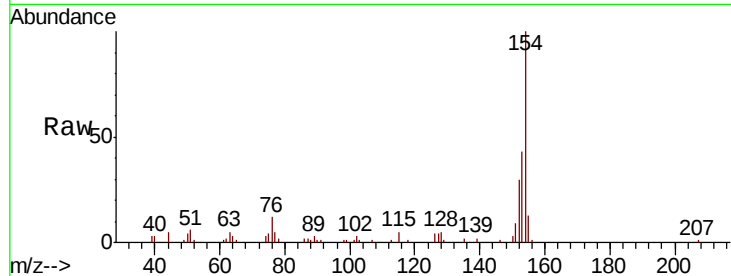




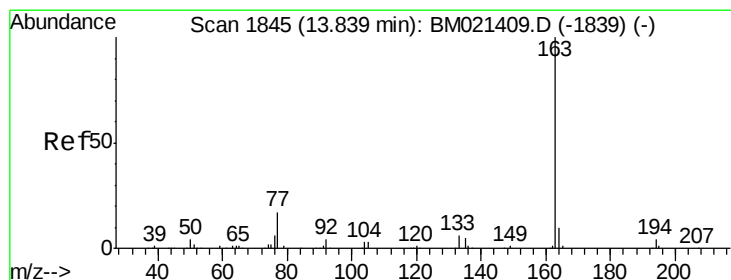
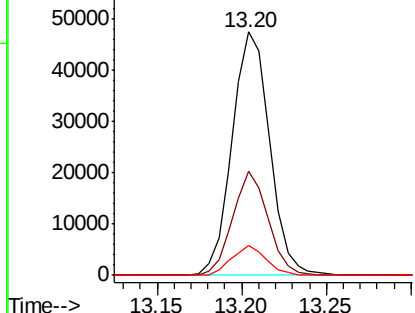
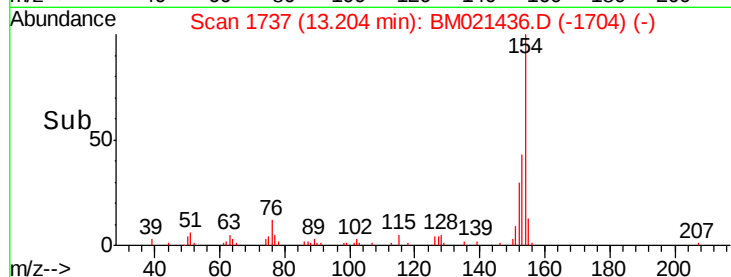
#40
 1,1'-Biphenyl
 Concen: 2.373 ng/ul
 RT: 13.20 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM021436.D
 Acq: 11 Jul 2019 20:10

Instrument :
 BNA_M
 ClientSampleId :
 BF4A1

Tgt Ion:154 Resp: 73484
 Ion Ratio Lower Upper
 154 100
 153 42.7 32.7 49.1
 76 12.3 8.5 12.7

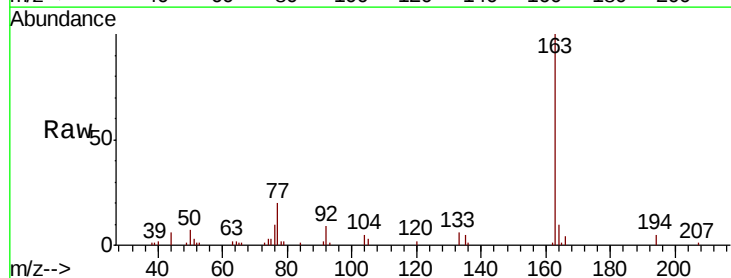


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

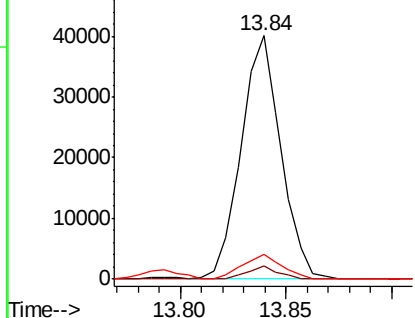
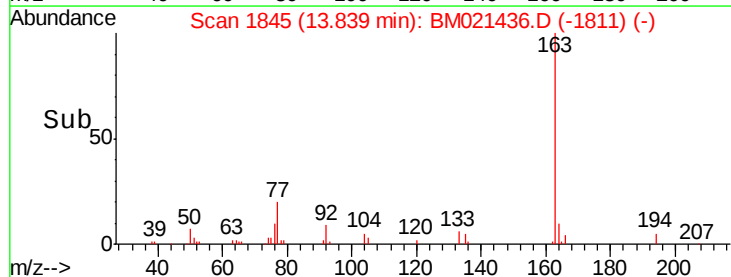


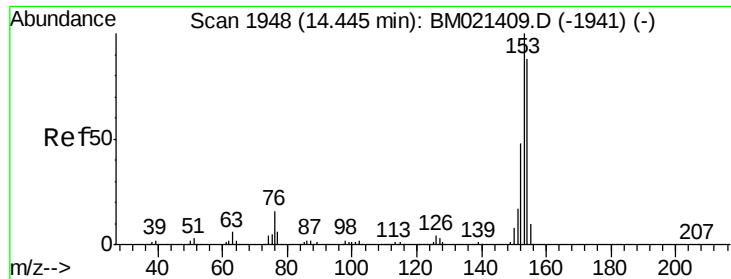
#44
 Dimethylphthalate
 Concen: 1.737 ng/ul
 RT: 13.84 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BM021436.D
 Acq: 11 Jul 2019 20:10

Tgt Ion:163 Resp: 52414
 Ion Ratio Lower Upper
 163 100
 194 5.3 3.6 5.4
 164 10.0 8.3 12.5



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





#49

Acenaphthene

Concen: 16.311 ng/ul

RT: 14.44 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

Instrument :

BNA_M

ClientSampleId :

BF4A1

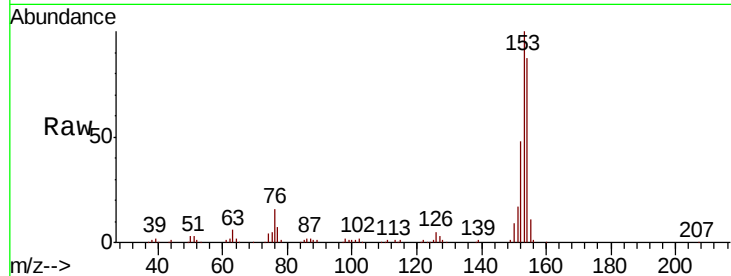
Tgt Ion:153 Resp: 419494

Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.4

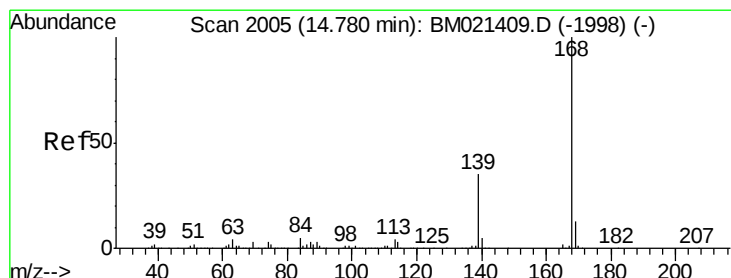
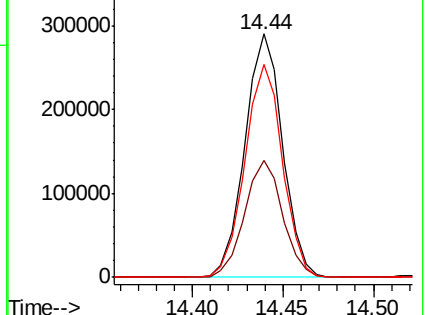
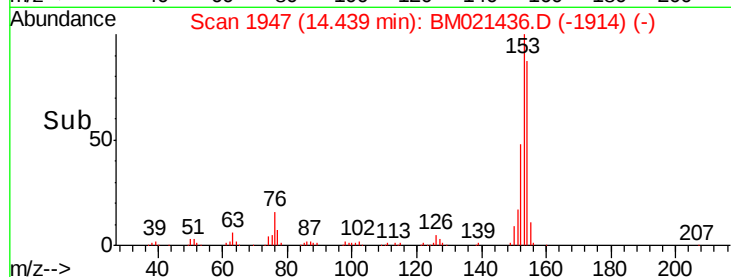
154 87.4 70.0 105.0



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



#53

Dibenzofuran

Concen: 11.451 ng/ul

RT: 14.77 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BM021436.D

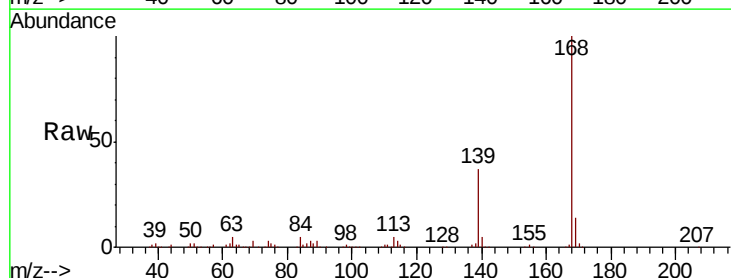
Acq: 11 Jul 2019 20:10

Tgt Ion:168 Resp: 426616

Ion Ratio Lower Upper

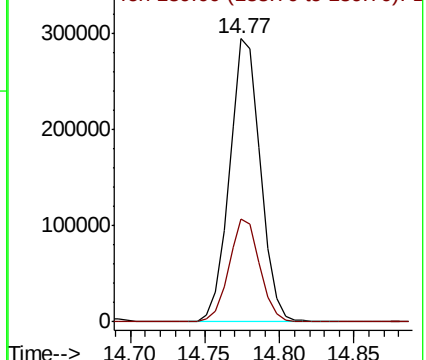
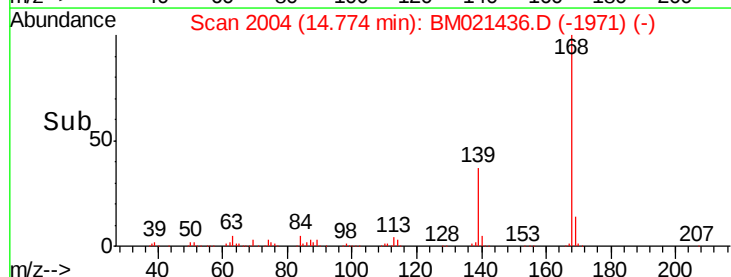
168 100

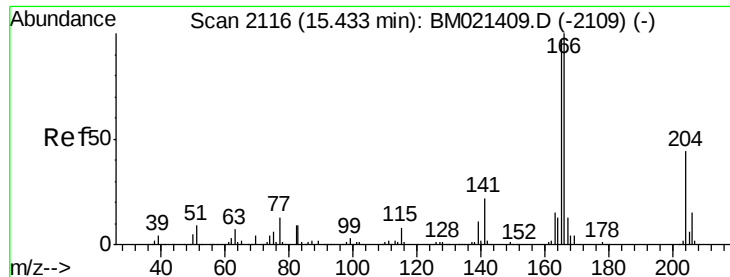
139 36.5 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 8.310 ng/ul

RT: 15.43 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

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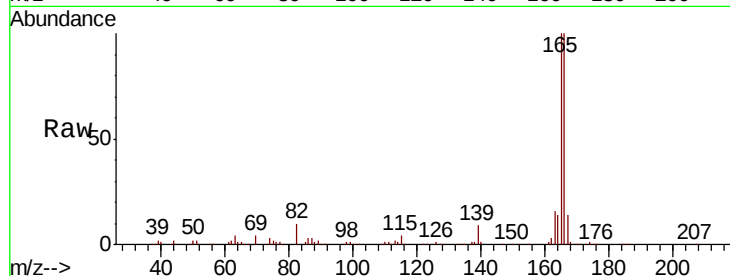
Tgt Ion:166 Resp: 250482

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

167 14.3 10.7 16.1

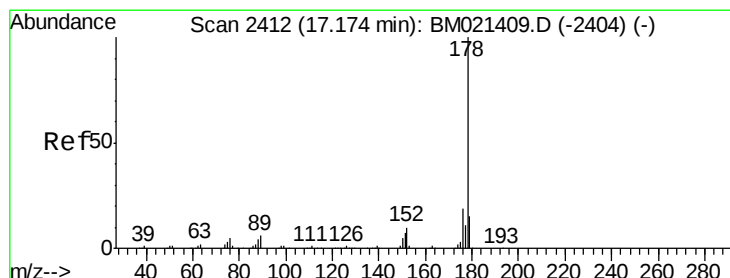
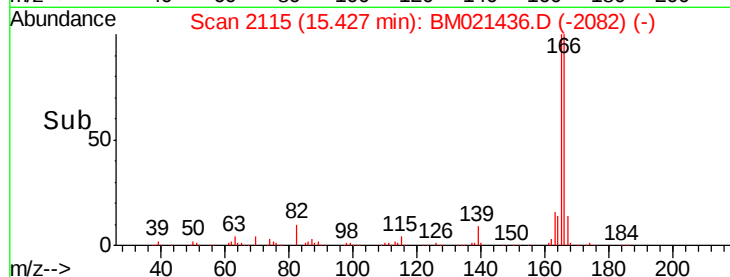
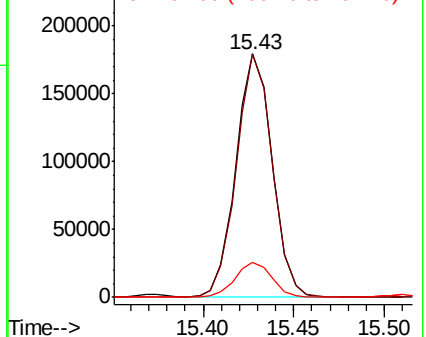


Abundance

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



#69

Phenanthrene

Concen: 8.106 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

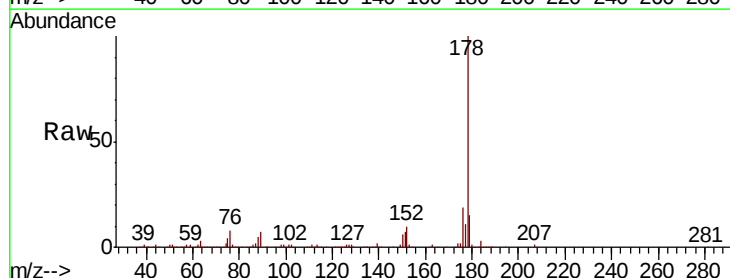
Tgt Ion:178 Resp: 389817

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.8 15.4 23.0

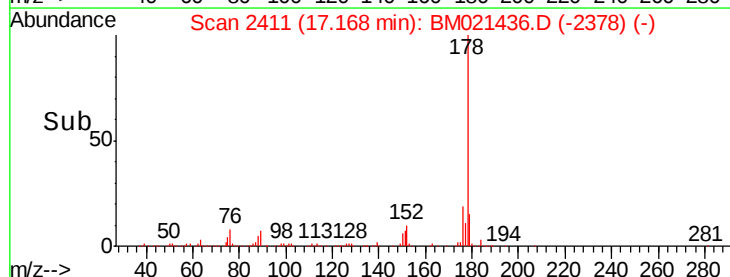
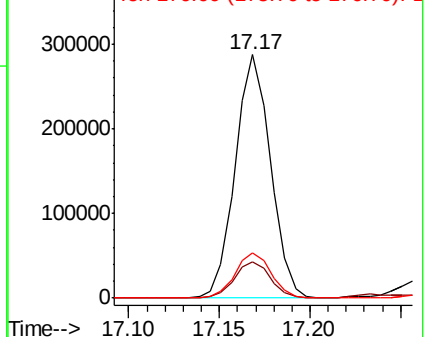


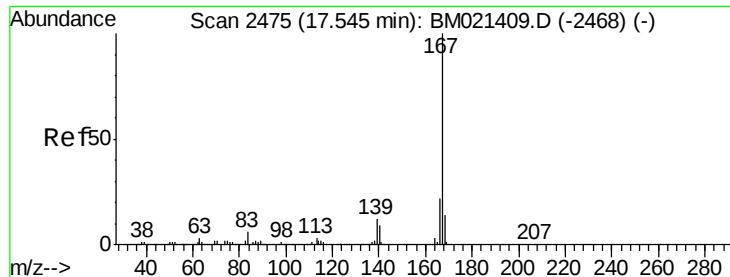
Abundance

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





#74

Carbazole

Concen: 5.113 ng/ul

RT: 17.54 min Scan# 2474

Delta R.T. -0.01 min

Lab File: BM021436.D

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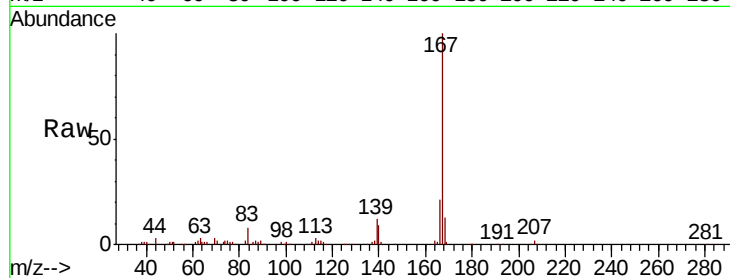
Tgt Ion:167 Resp: 207702

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

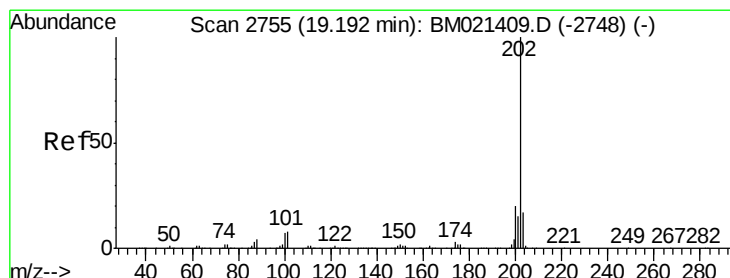
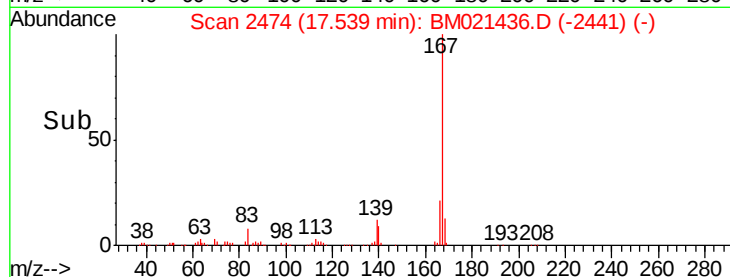
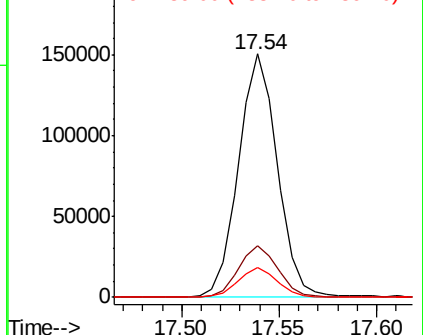
139 12.2 9.7 14.5



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



#76

Fluoranthene

Concen: 1.513 ng/ul

RT: 19.19 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

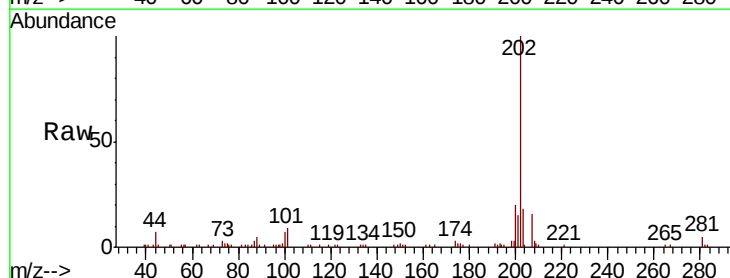
Tgt Ion:202 Resp: 86410

Ion Ratio Lower Upper

202 100

101 9.4 6.7 10.1

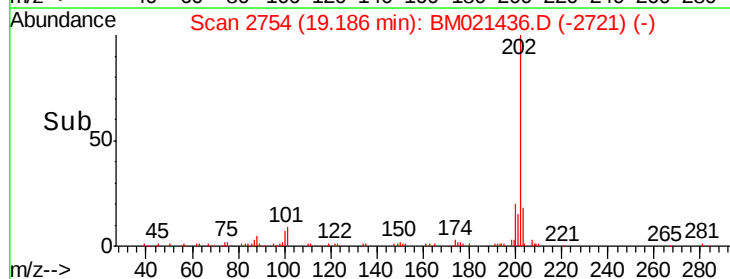
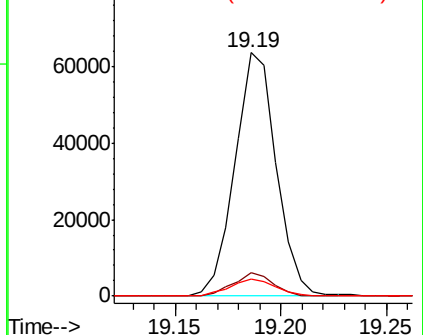
100 6.8 5.3 7.9

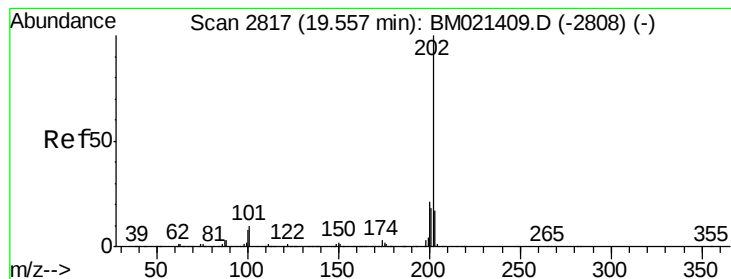


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pyrene

Concen: 1.043 ng/ul

RT: 19.55 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM021436.D

Acq: 11 Jul 2019 20:10

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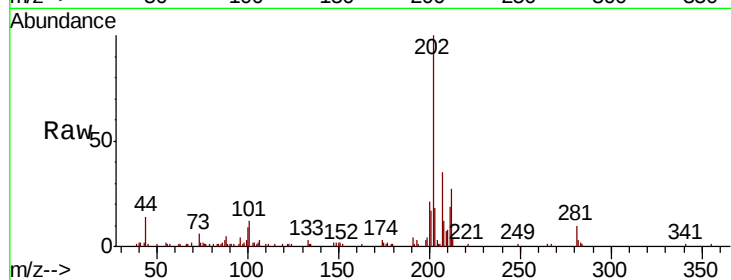
Tgt Ion: 202 Resp: 59068

Ion Ratio Lower Upper

202 100

101 12.2 7.8 11.8#

100 8.9 6.4 9.6



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

