

Fig. 1

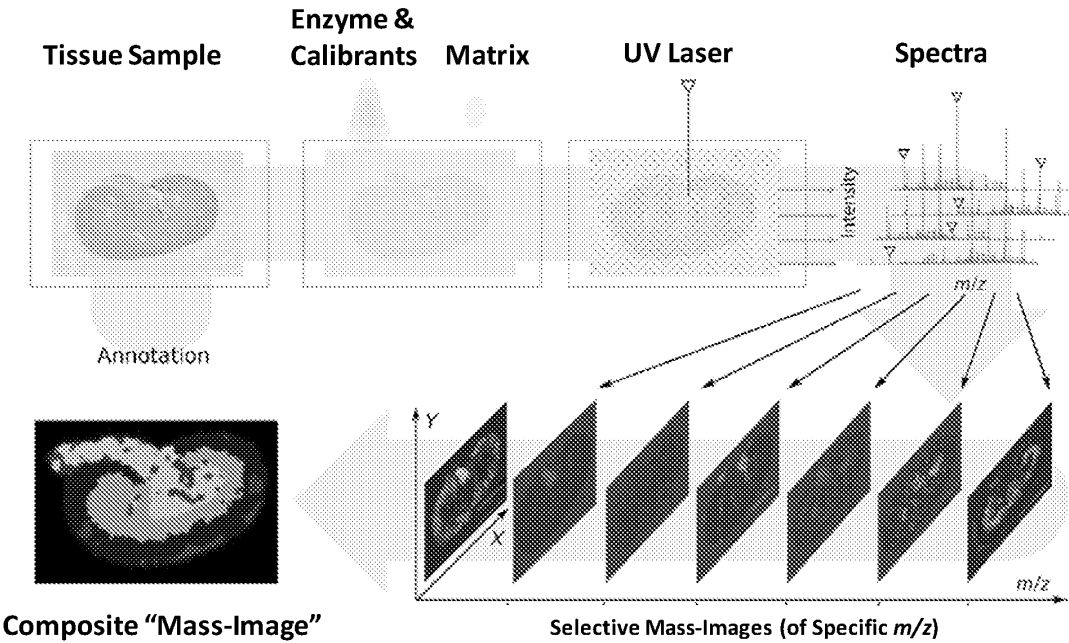


Fig. 2A

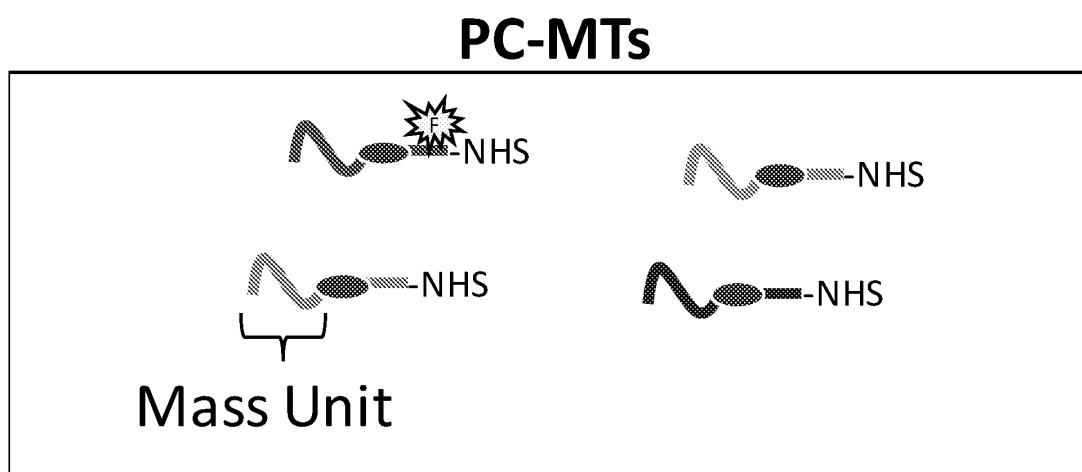


Fig. 2B

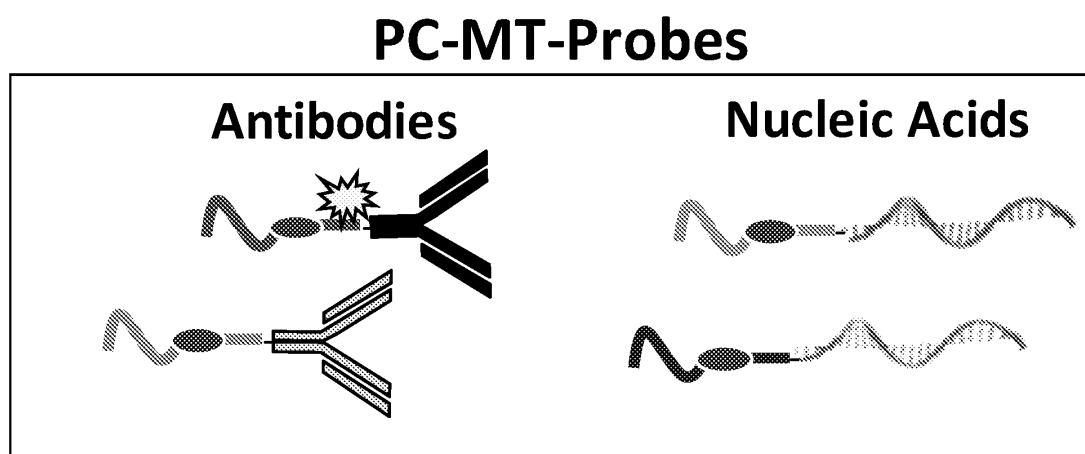


Fig. 2C

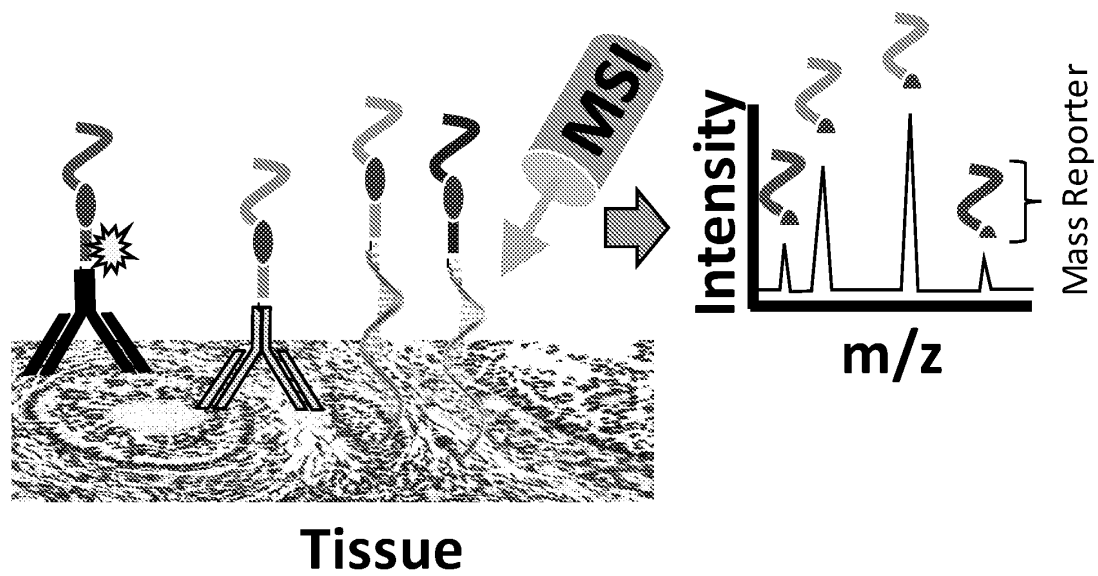


Fig. 3

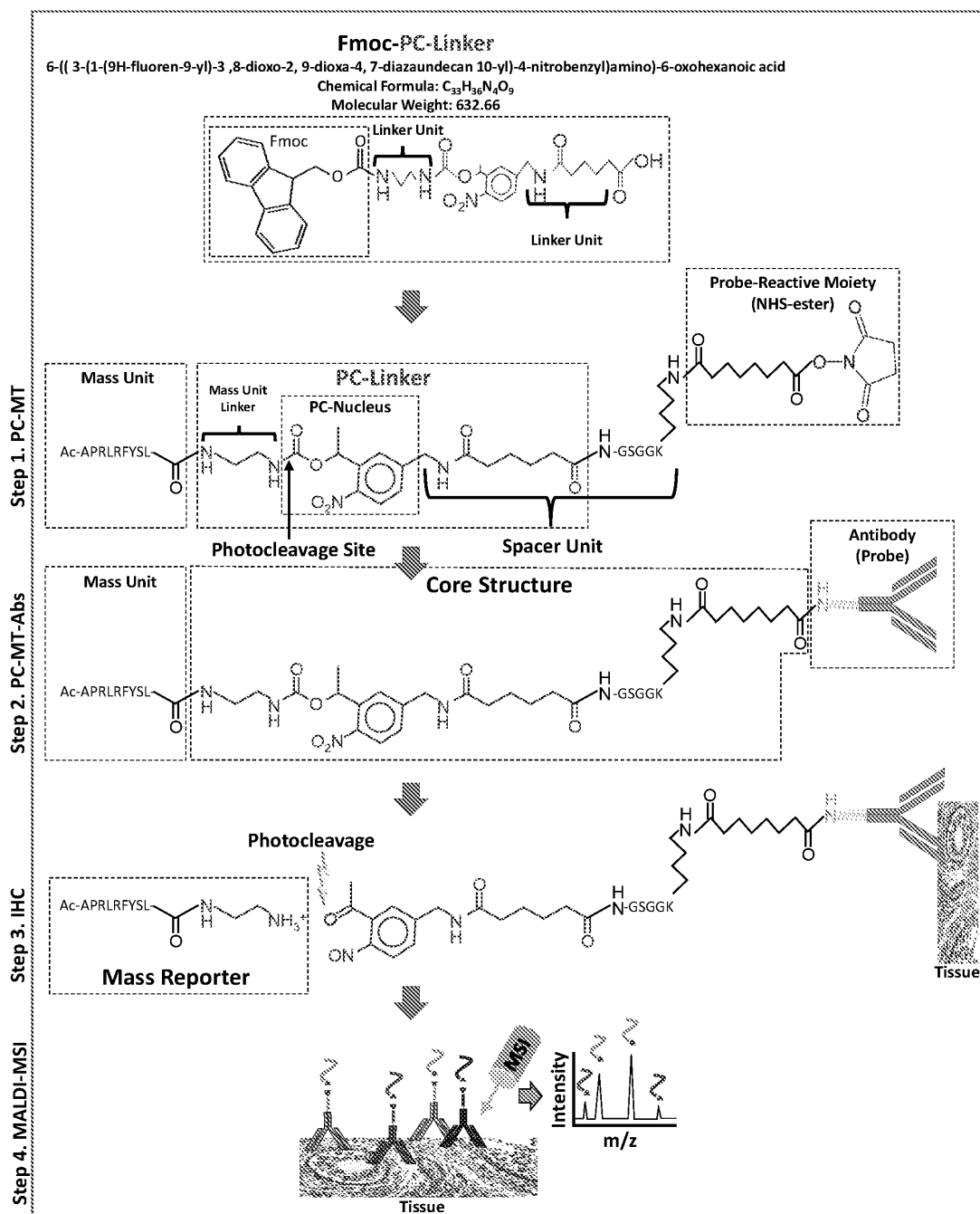


Fig. 4

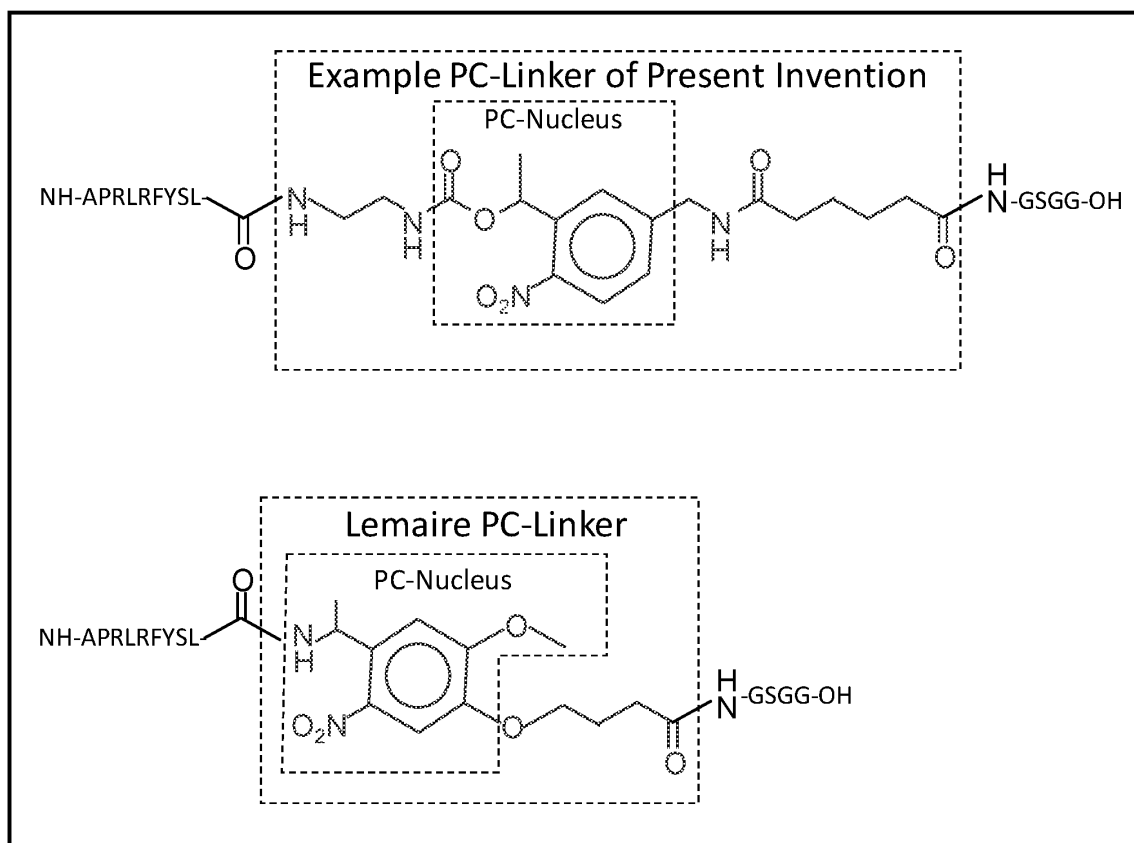


Fig. 5A

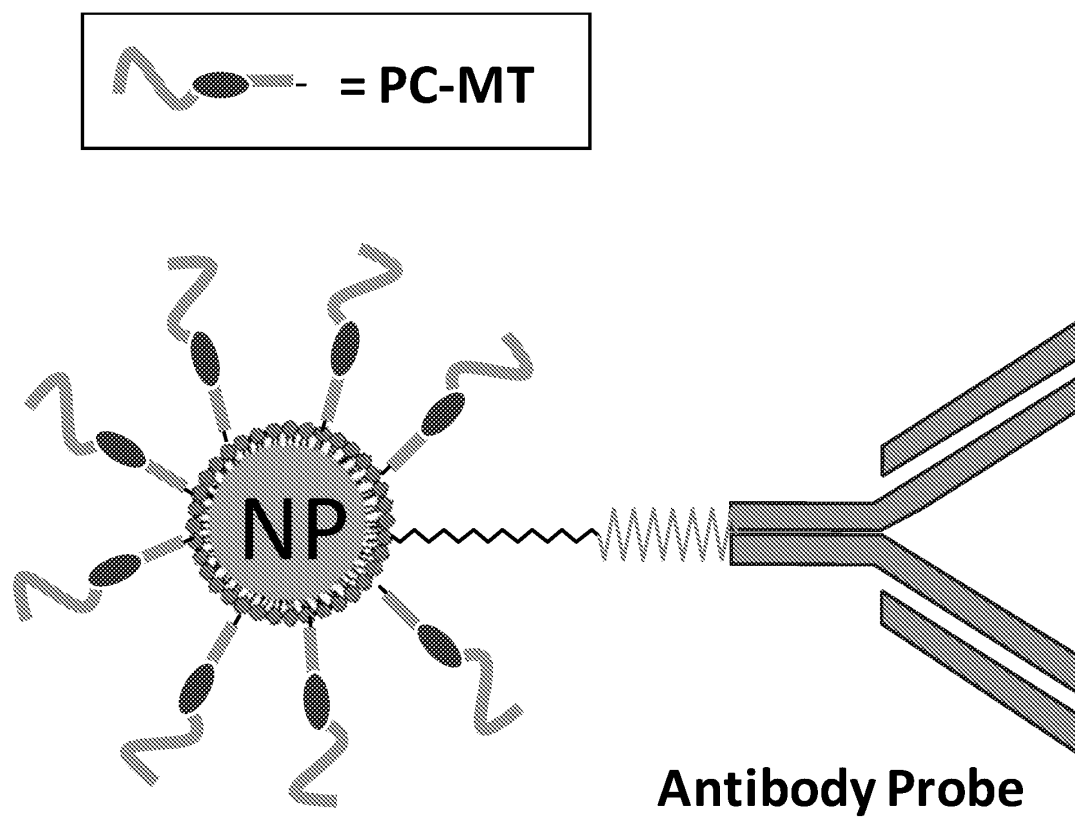
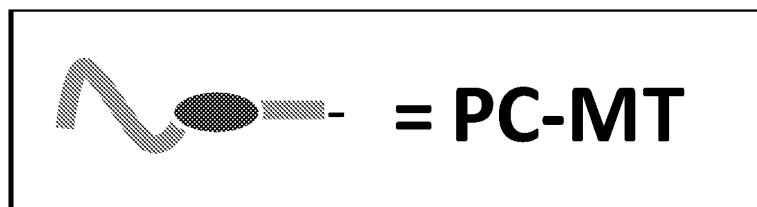
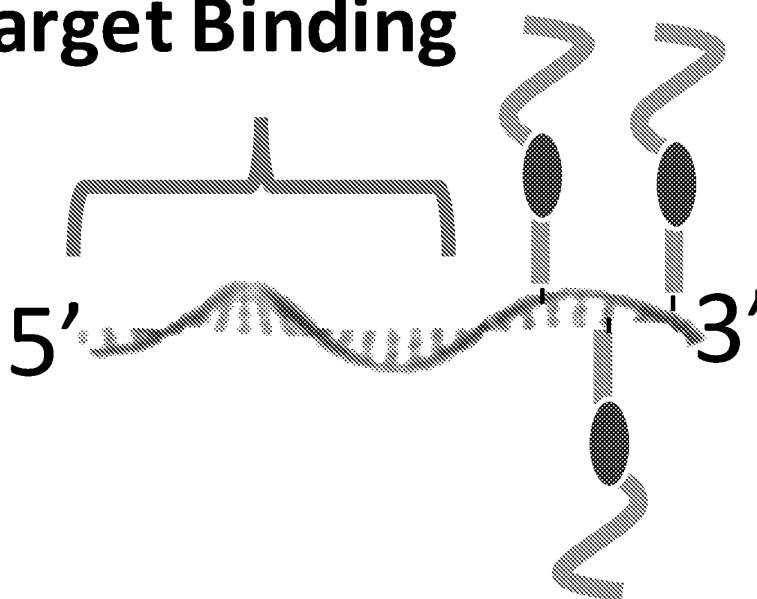


Fig. 5B



Target Binding



Nucleic Acid Probe

Fig. 6

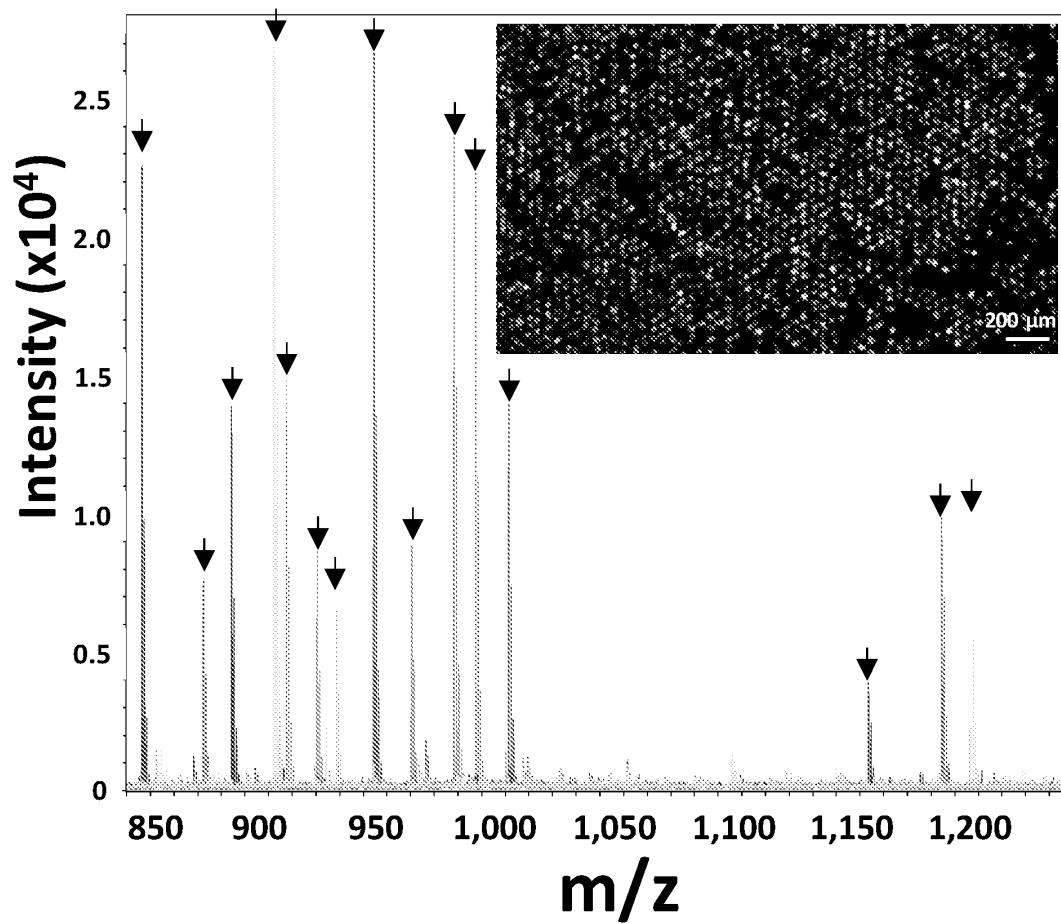


Fig. 7A



Fig. 7B

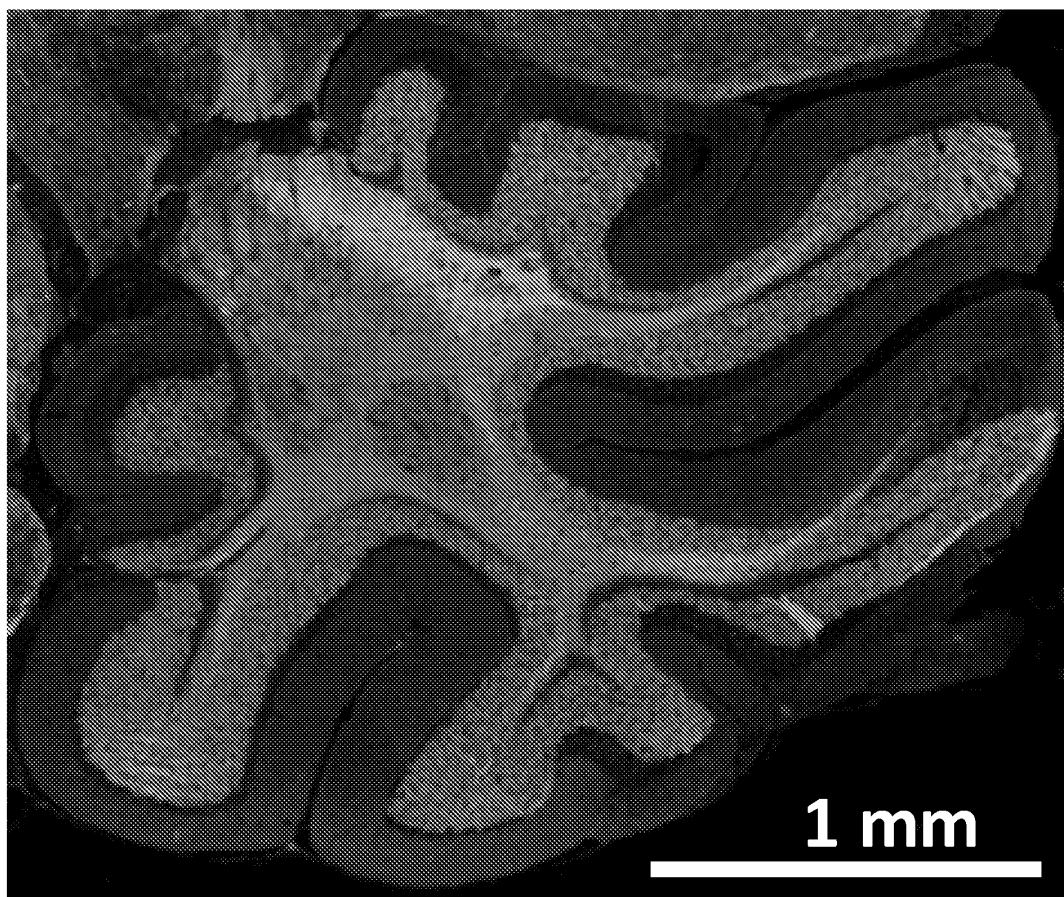


Fig. 7C

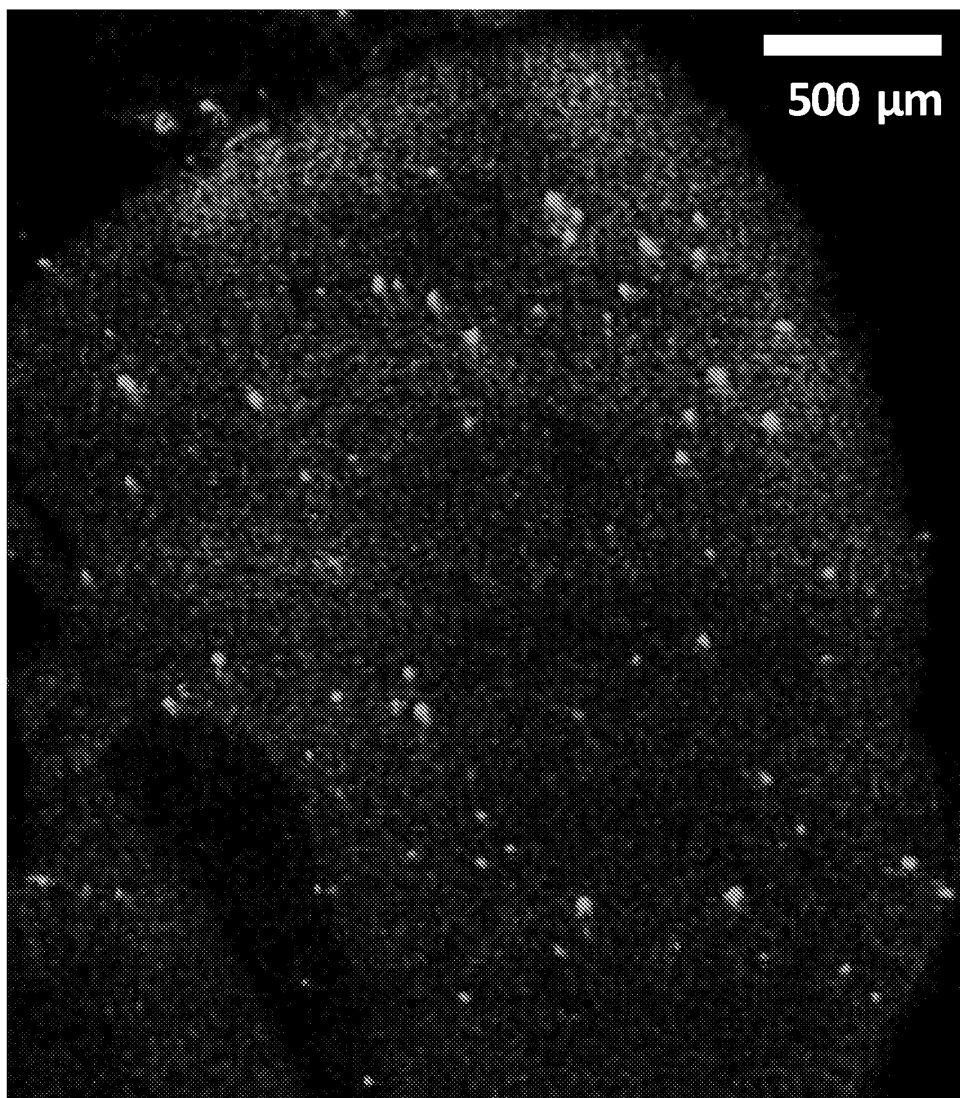


Fig. 7D



Fig. 7E

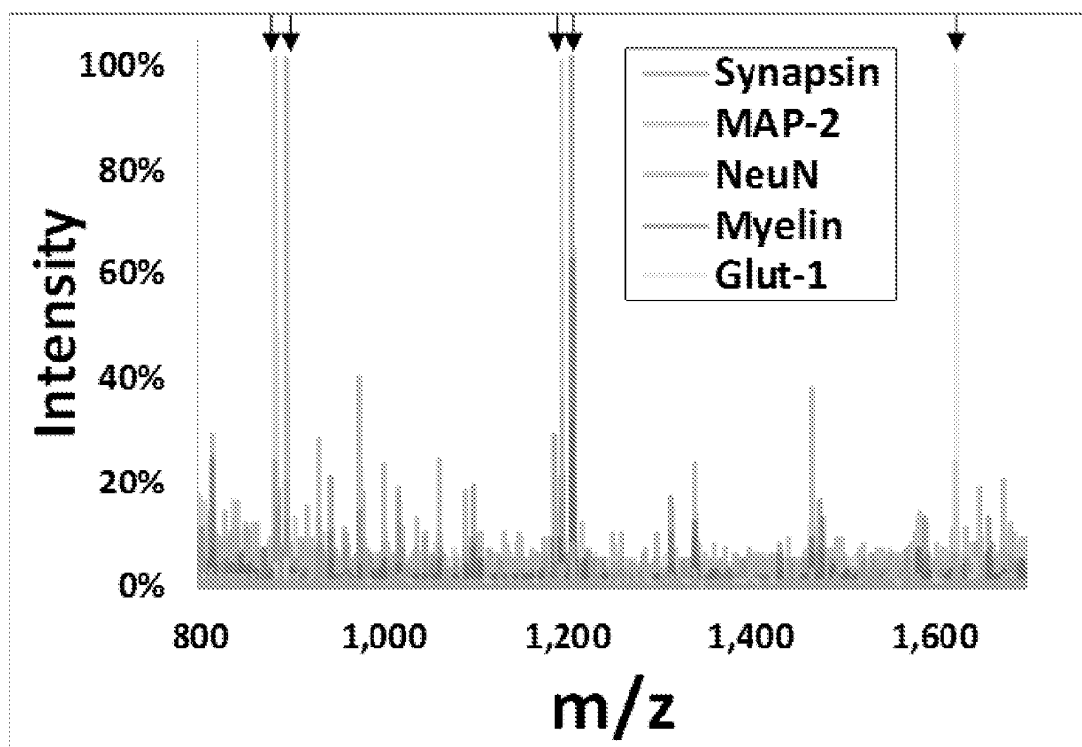


Fig. 8

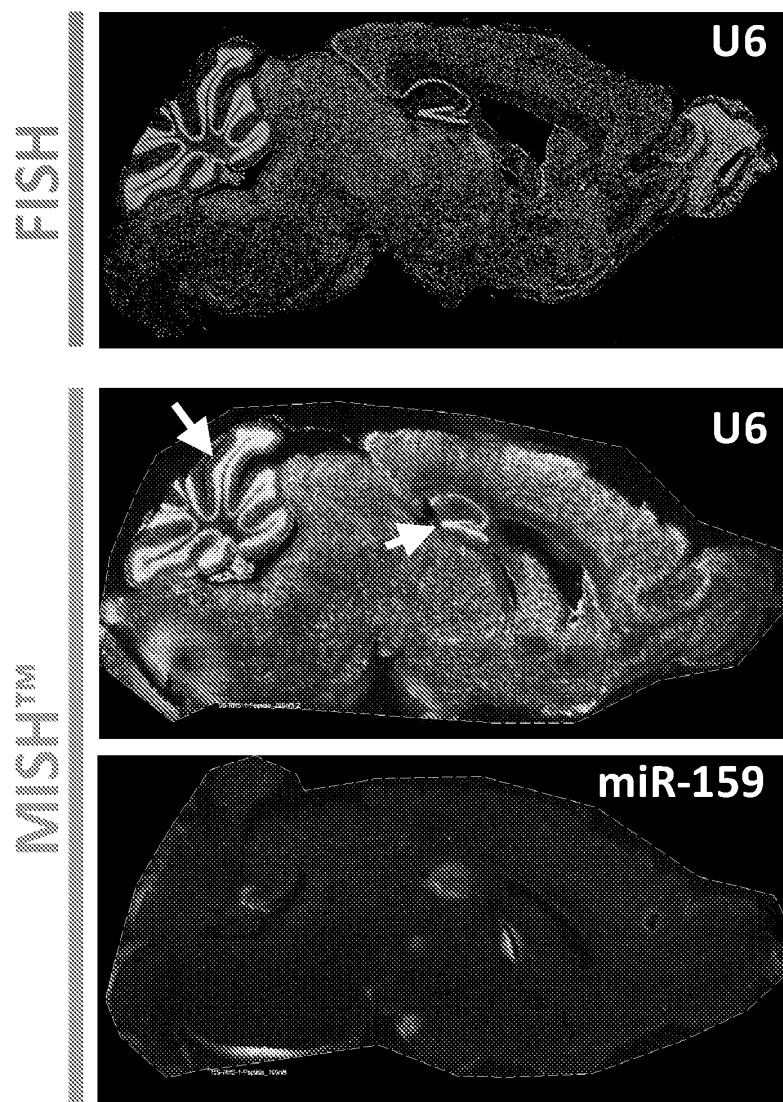


Fig. 9A



Fig. 9B



Fig. 9C



Fig. 9D

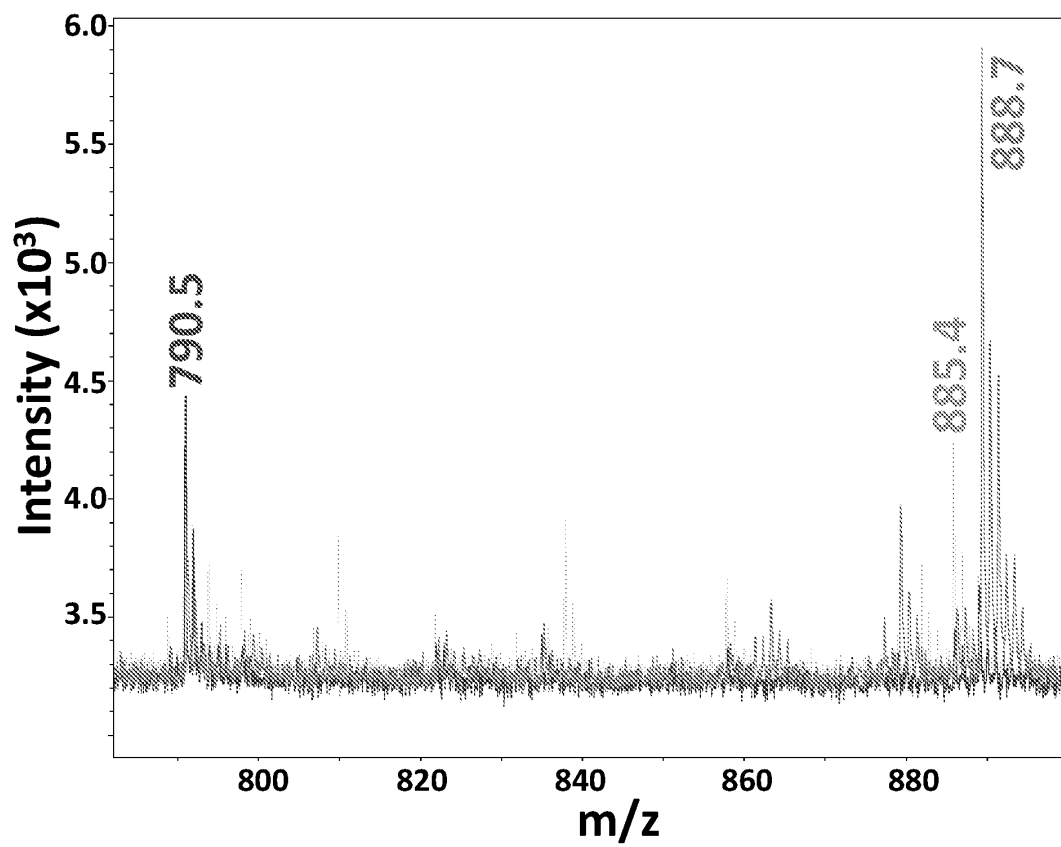


Fig. 10A

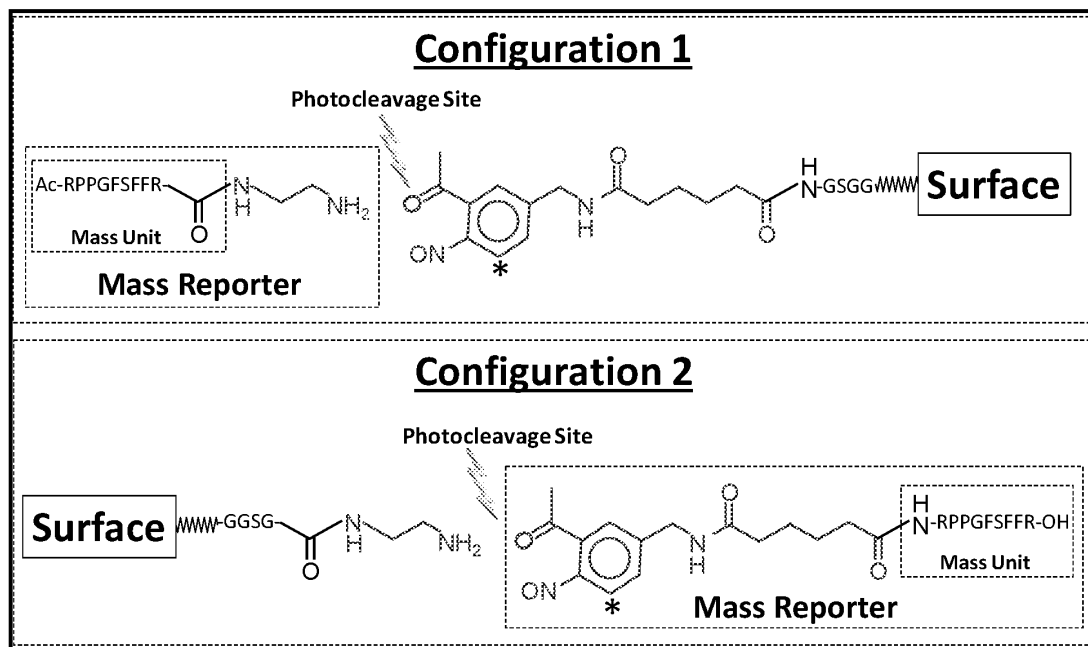


Fig. 10B

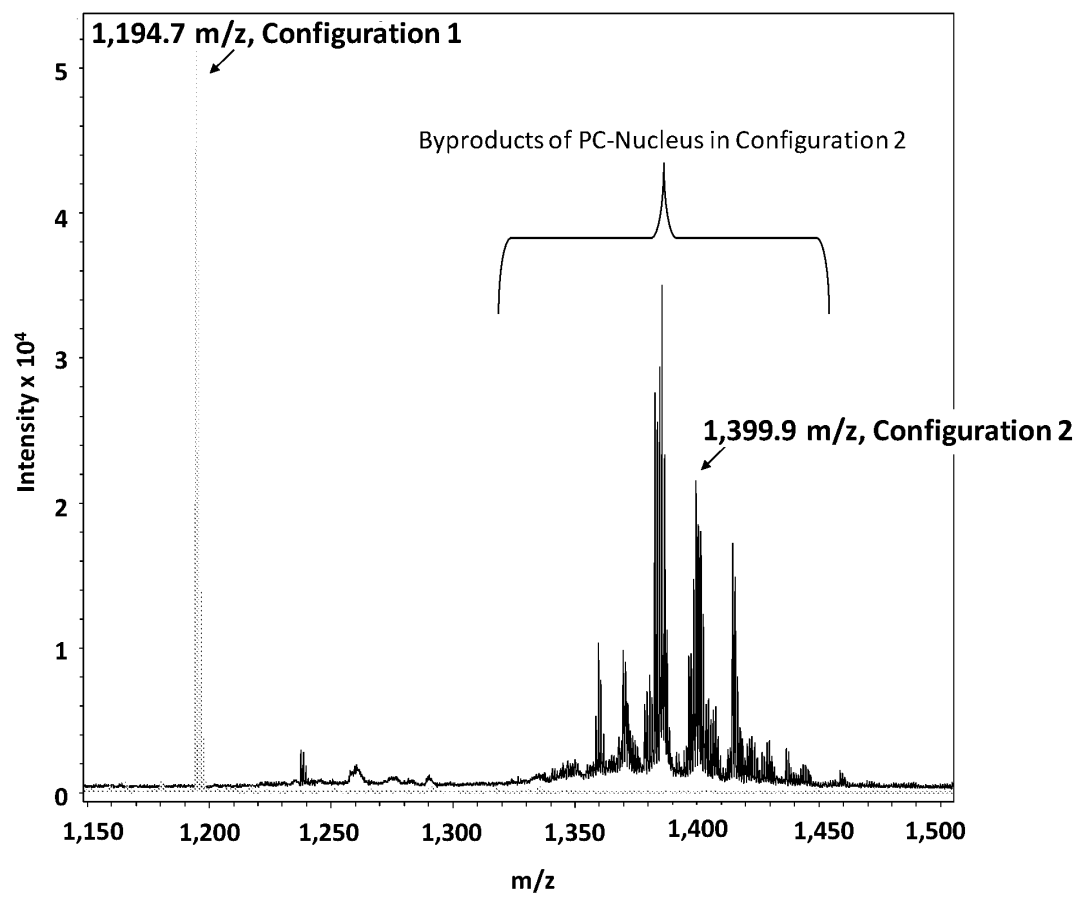


Fig. 11A

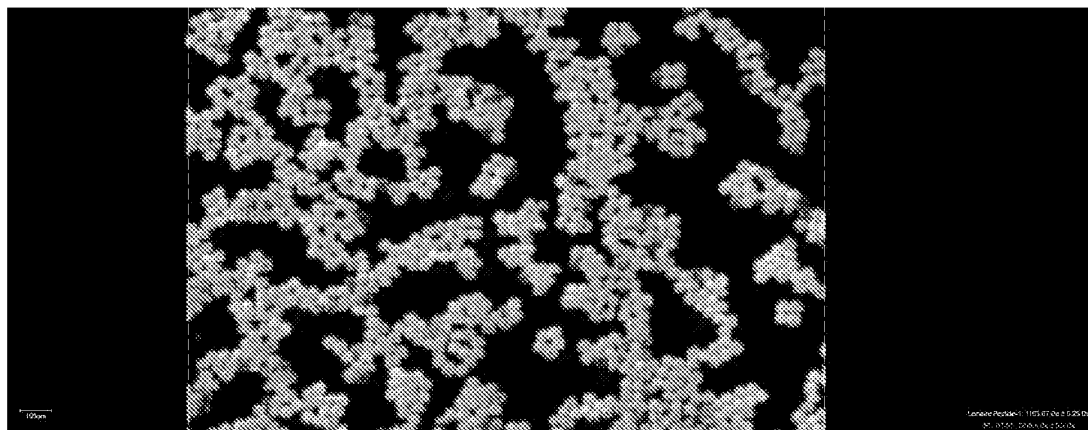


Fig. 11B

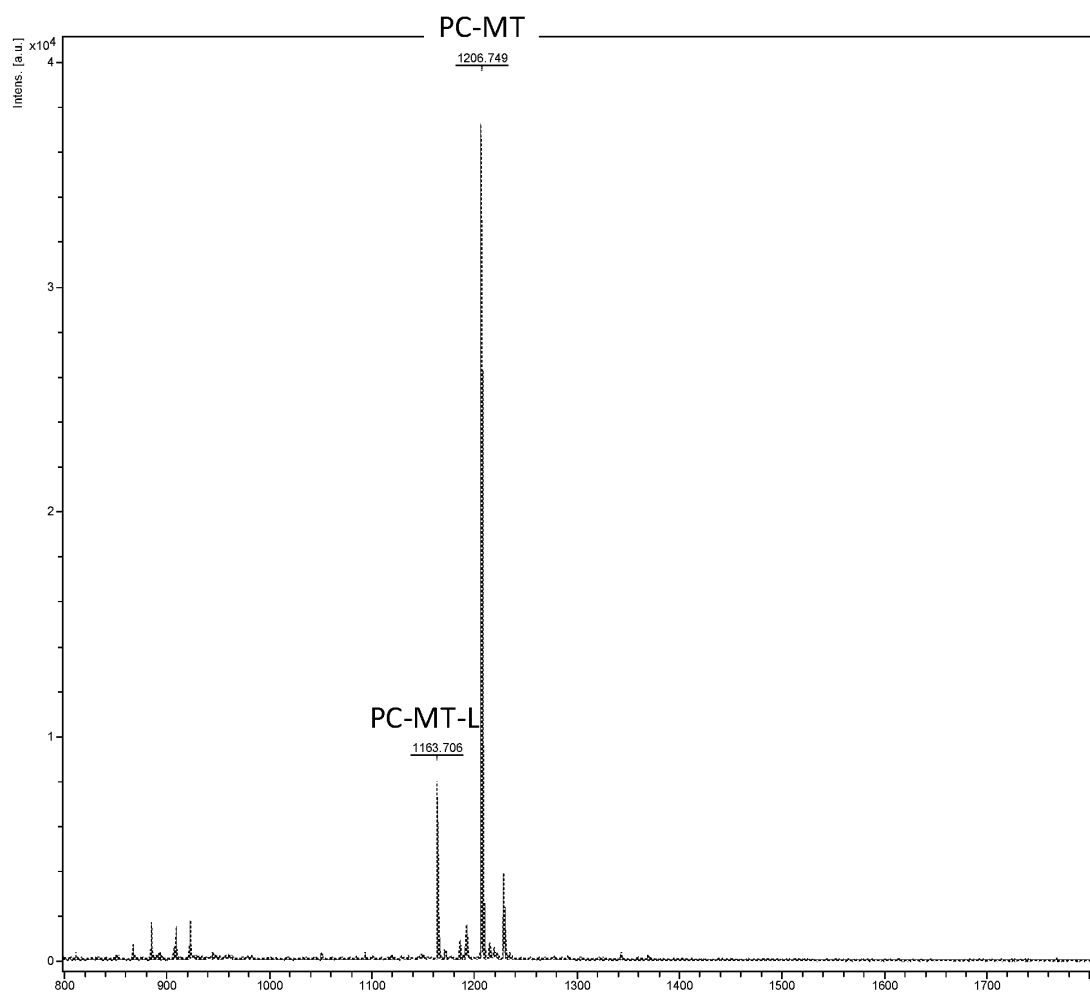
Mass Unit 1, 5 min UV

Fig. 11C

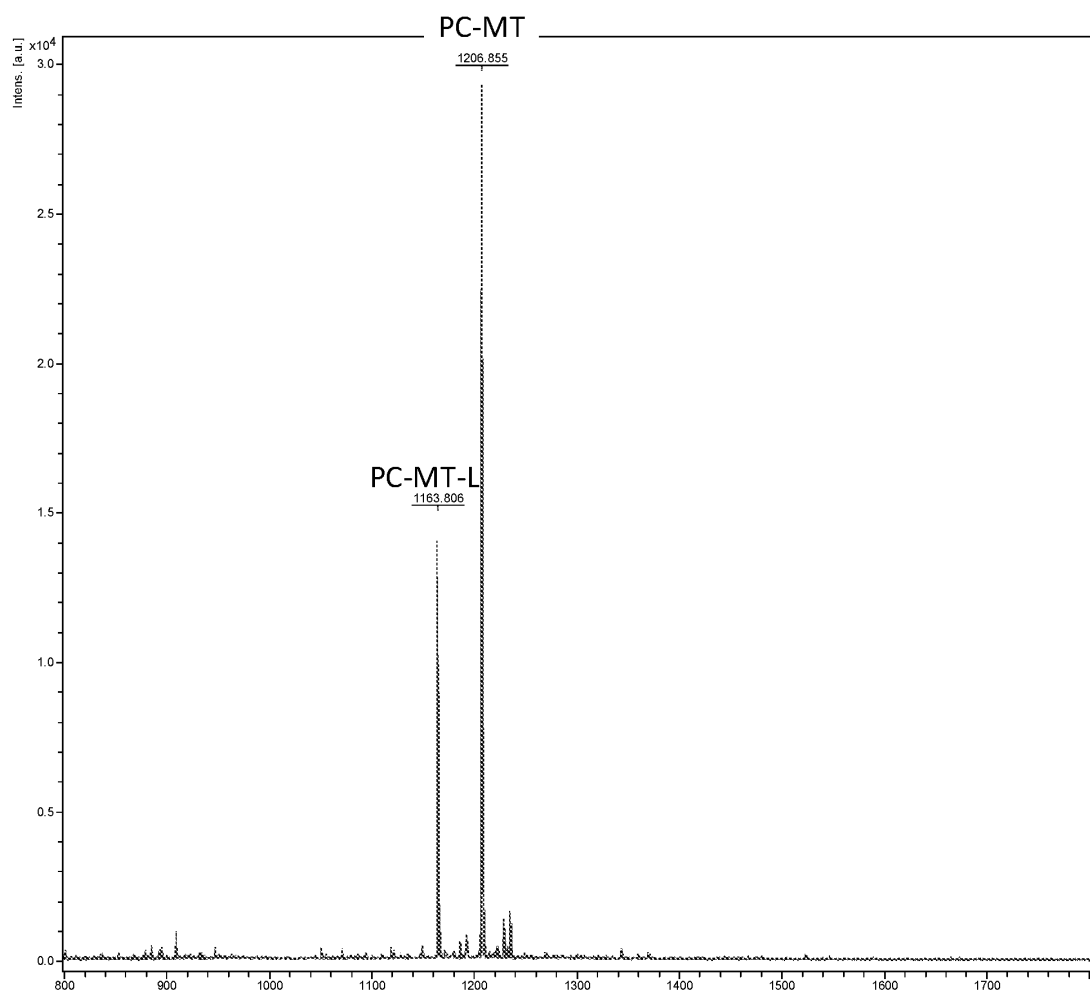
Mass Unit 1, 25 min UV

Fig. 11D

Mass Unit 2, 5 min UV

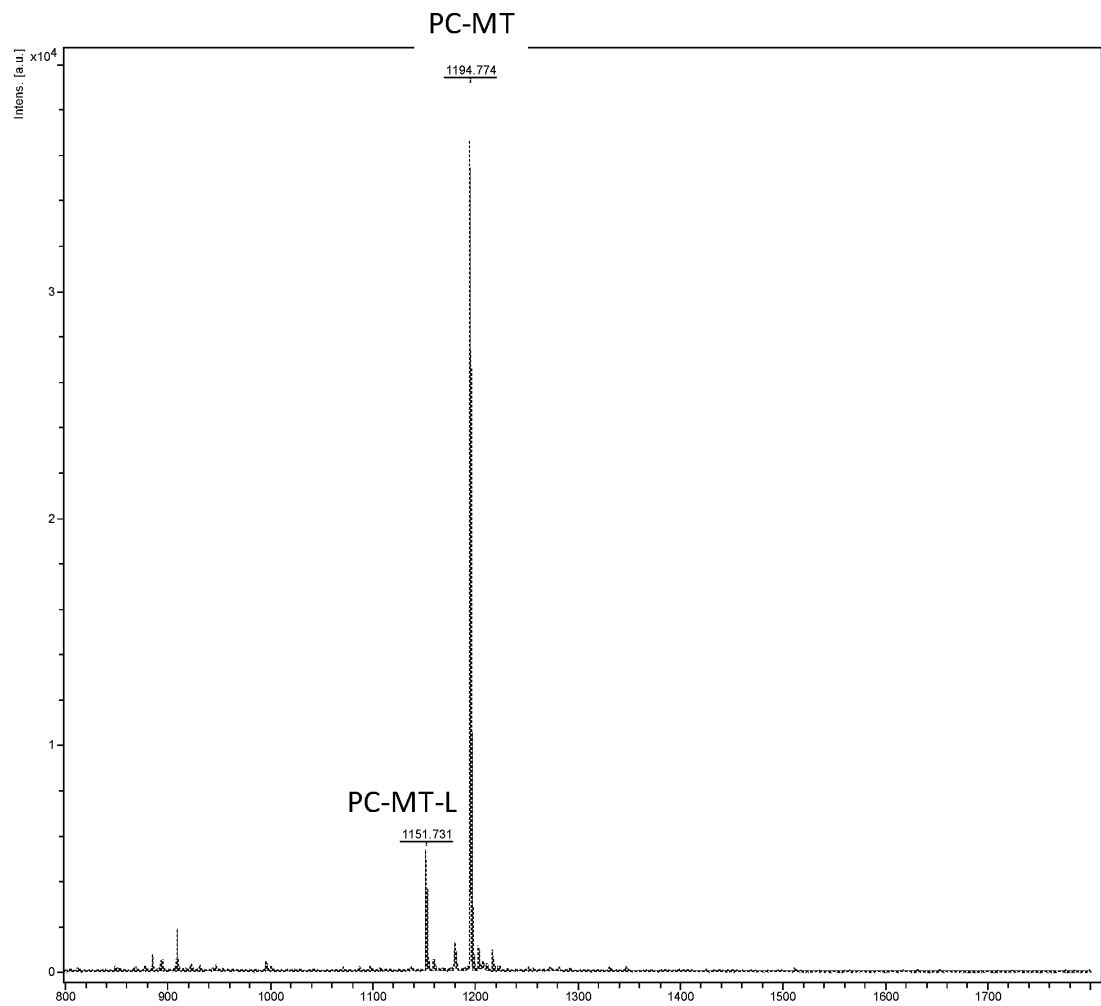


Fig. 11E

Mass Unit 2, 25 min UV

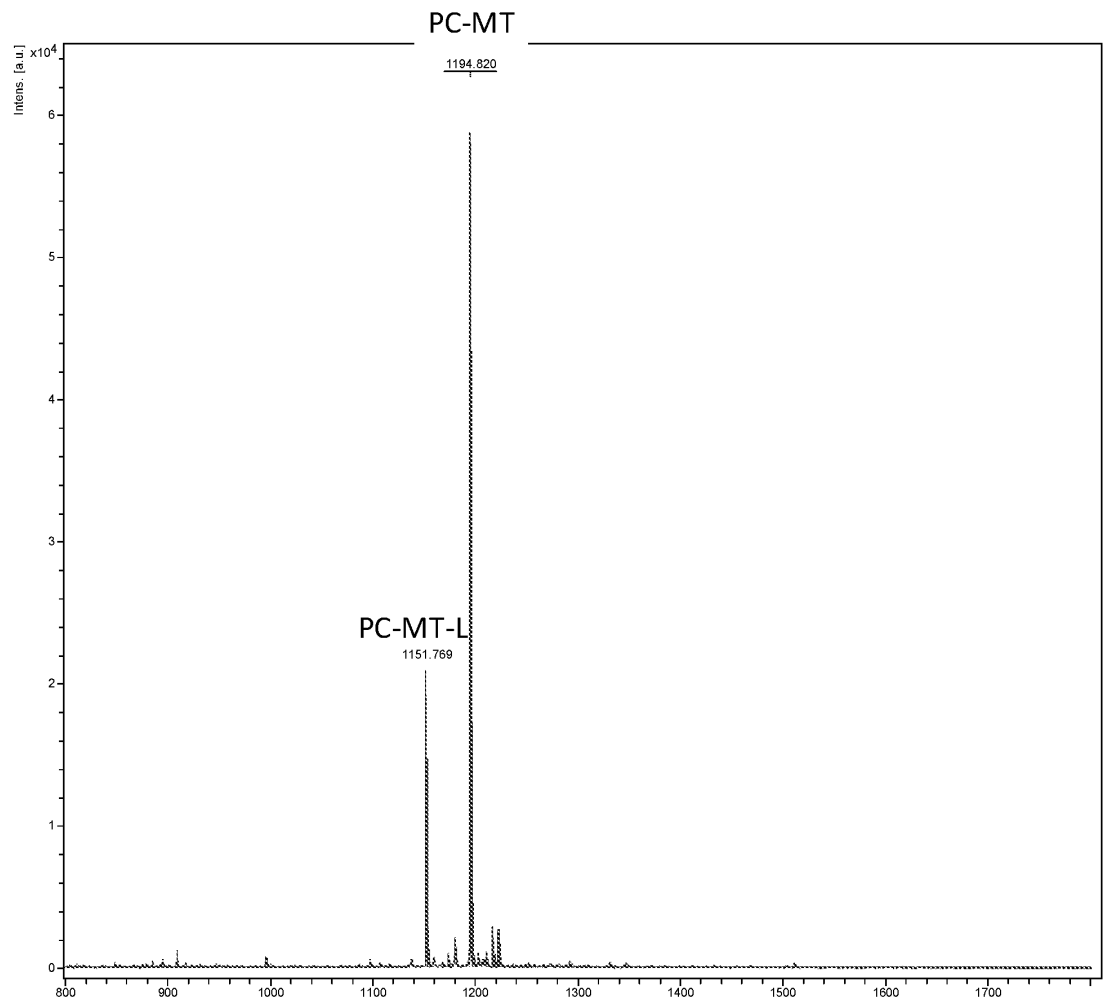


Fig. 11F

Mass Unit 3, 5 min UV

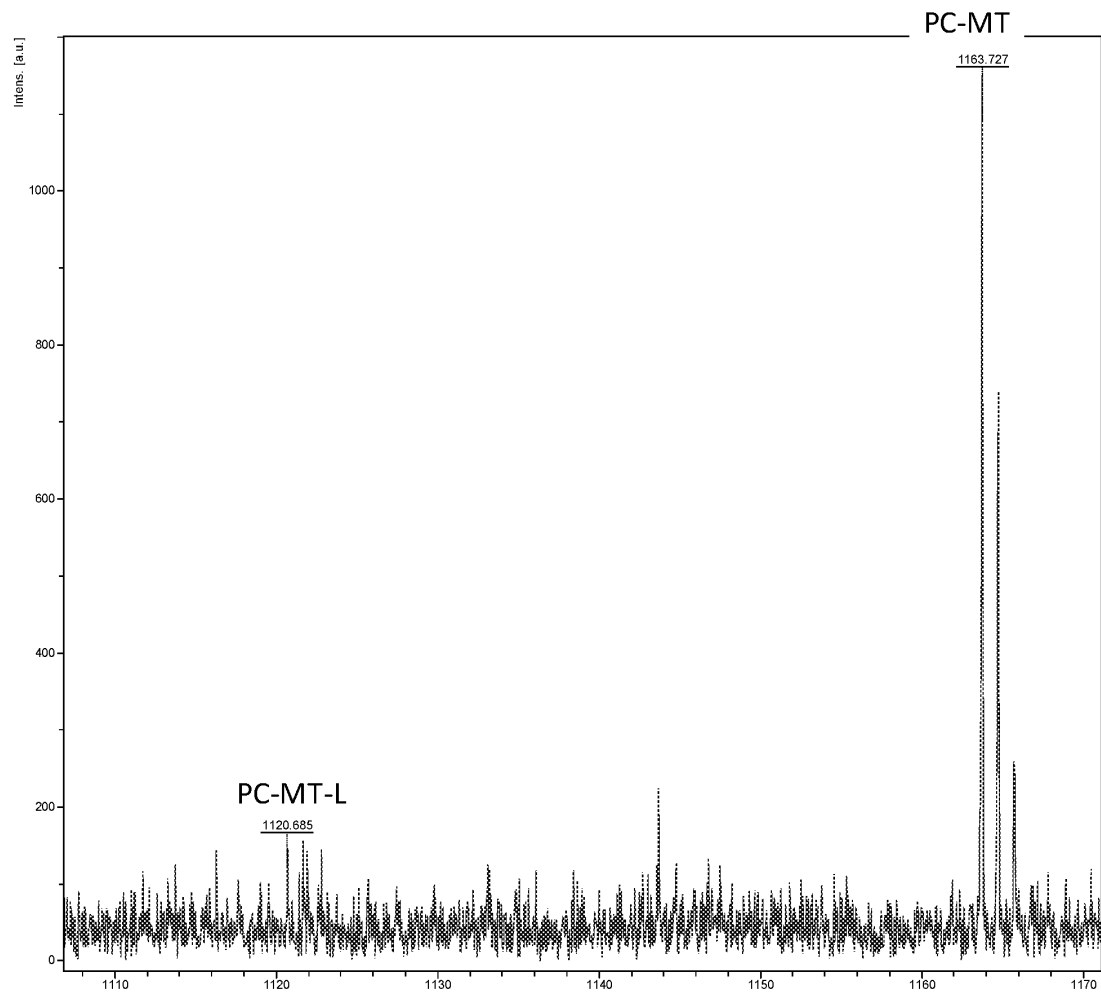


Fig. 11G

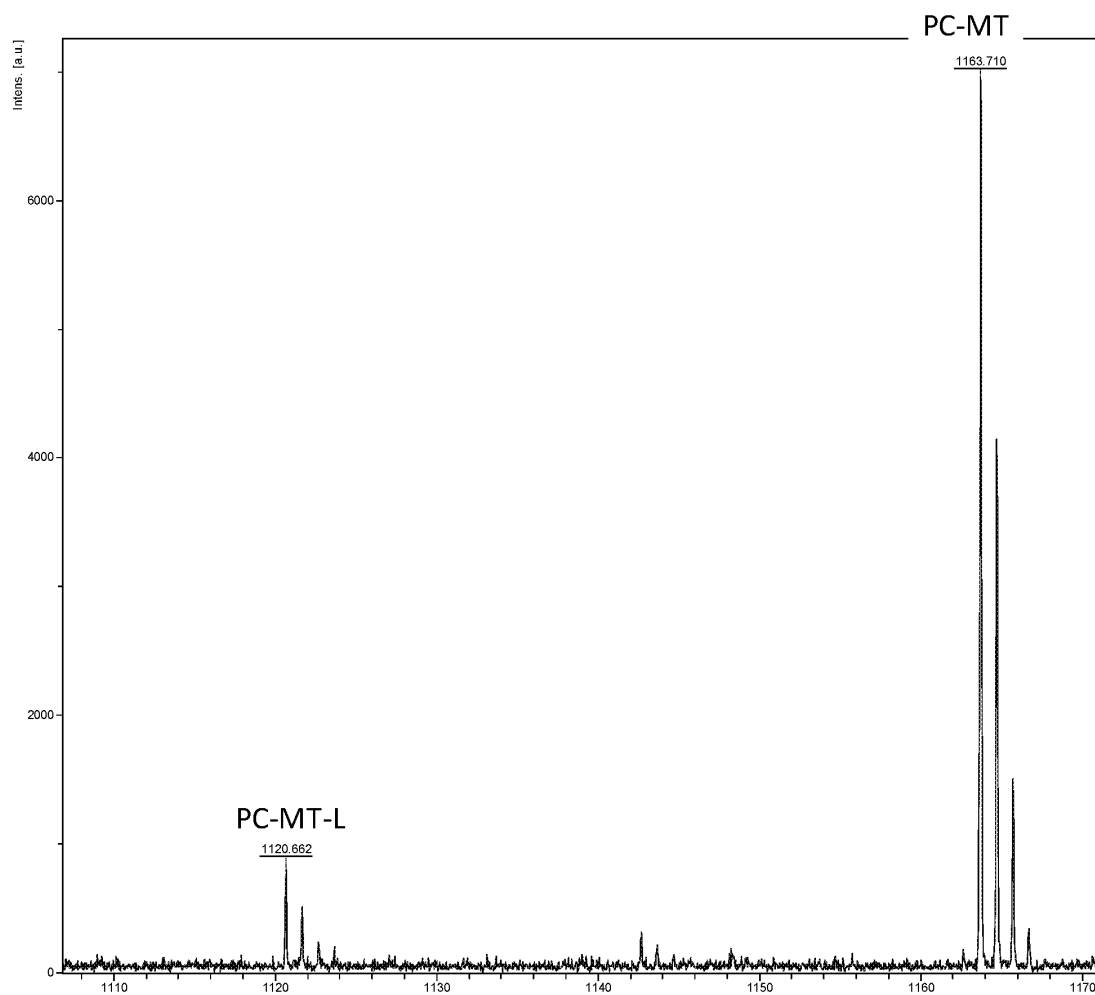
Mass Unit 3, 25 min UV

Fig. 11H

Mass Unit 4, 5 min UV

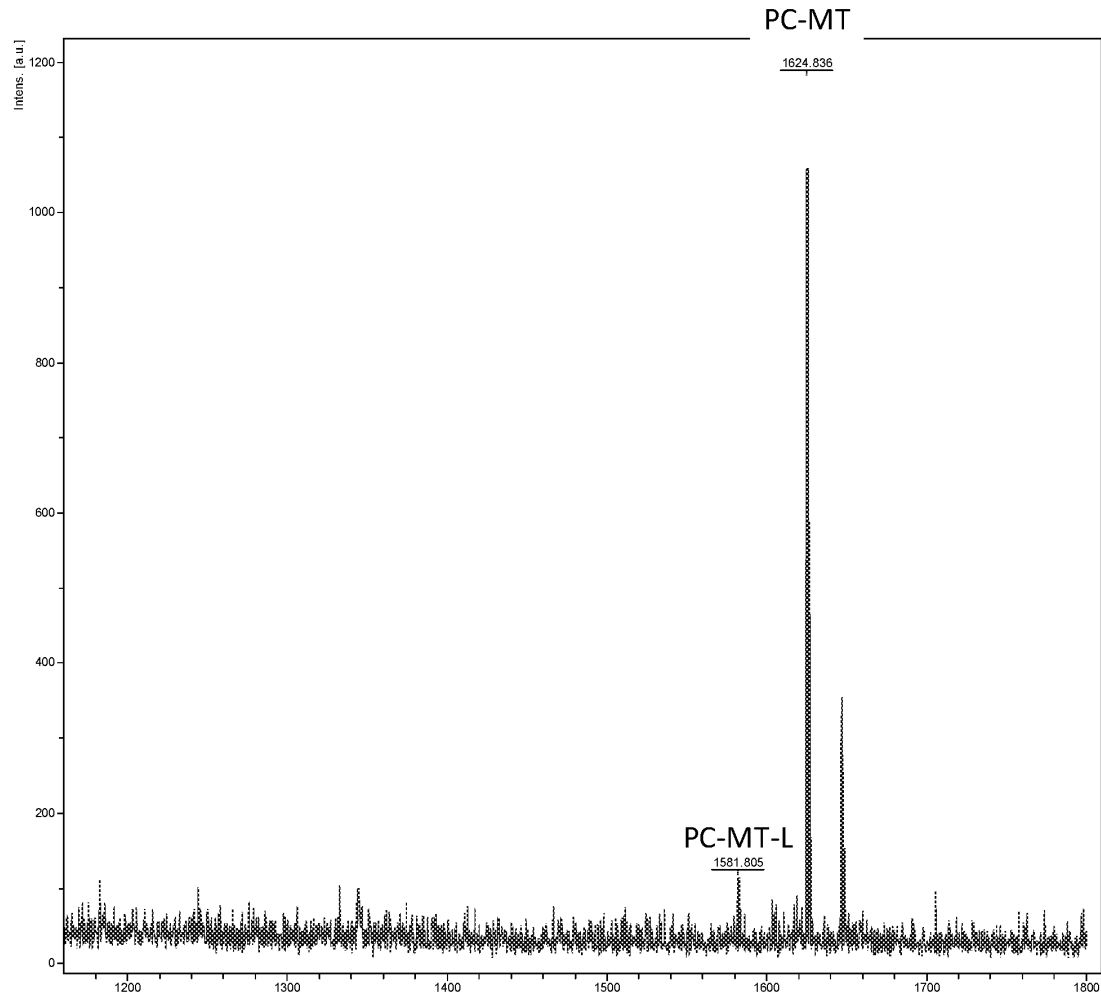


Fig. 11I

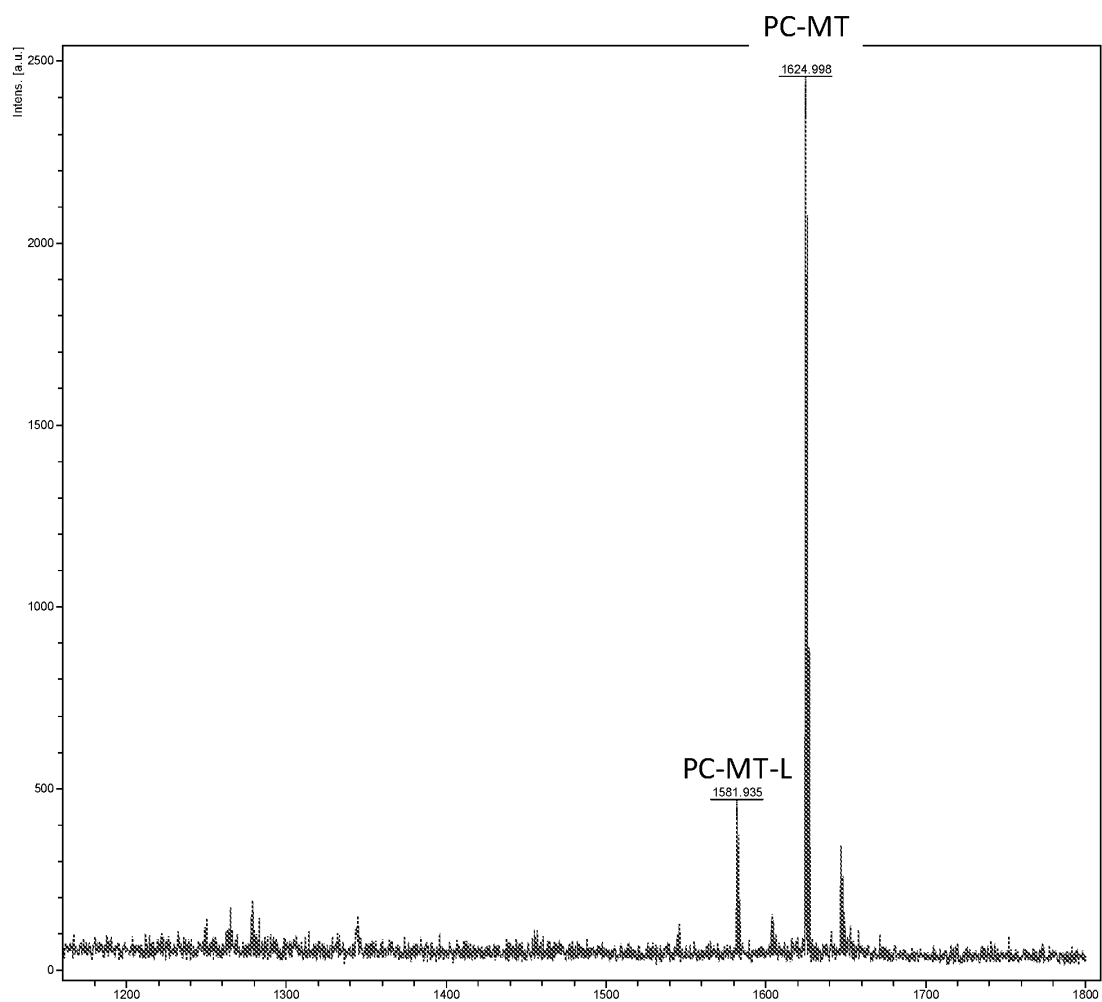
Mass Unit 4, 25 min UV

Fig. 11J

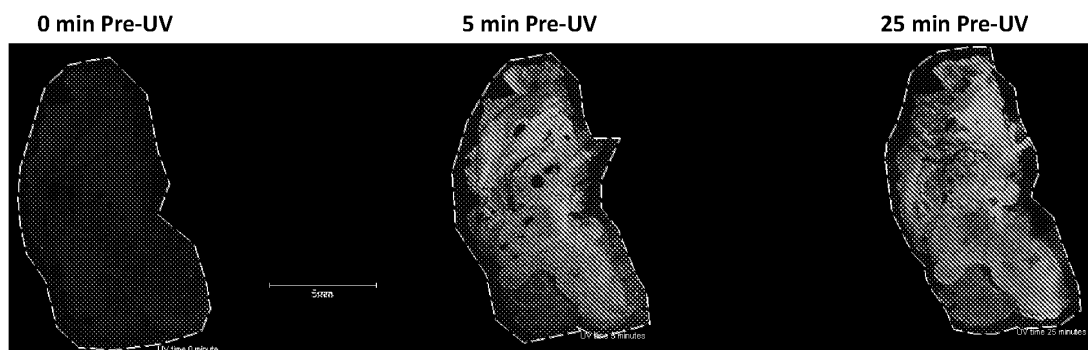


Fig. 11K

Anti-Myelin, Mass Unit 1, 5 min UV

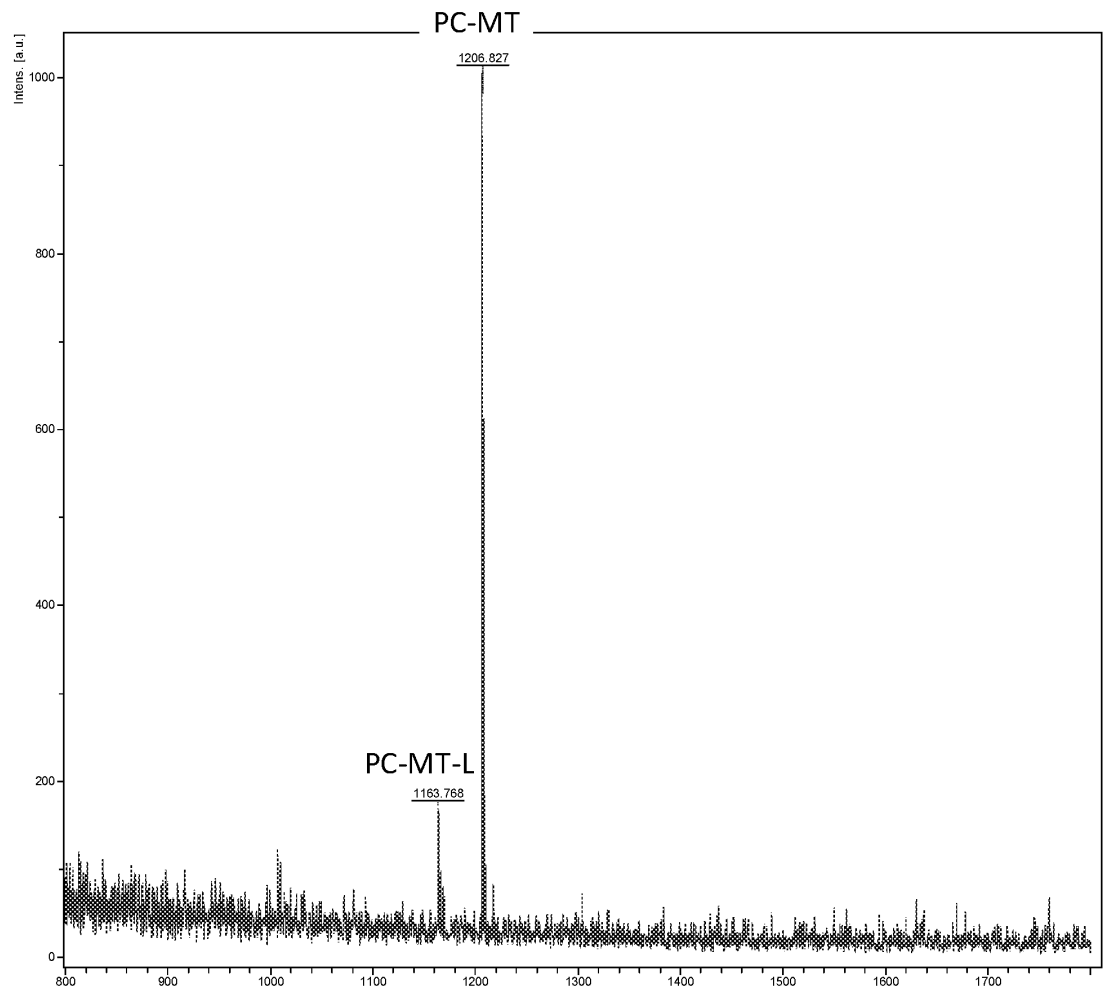


Fig. 11L

Anti-Myelin, Mass Unit 1, 25 min UV

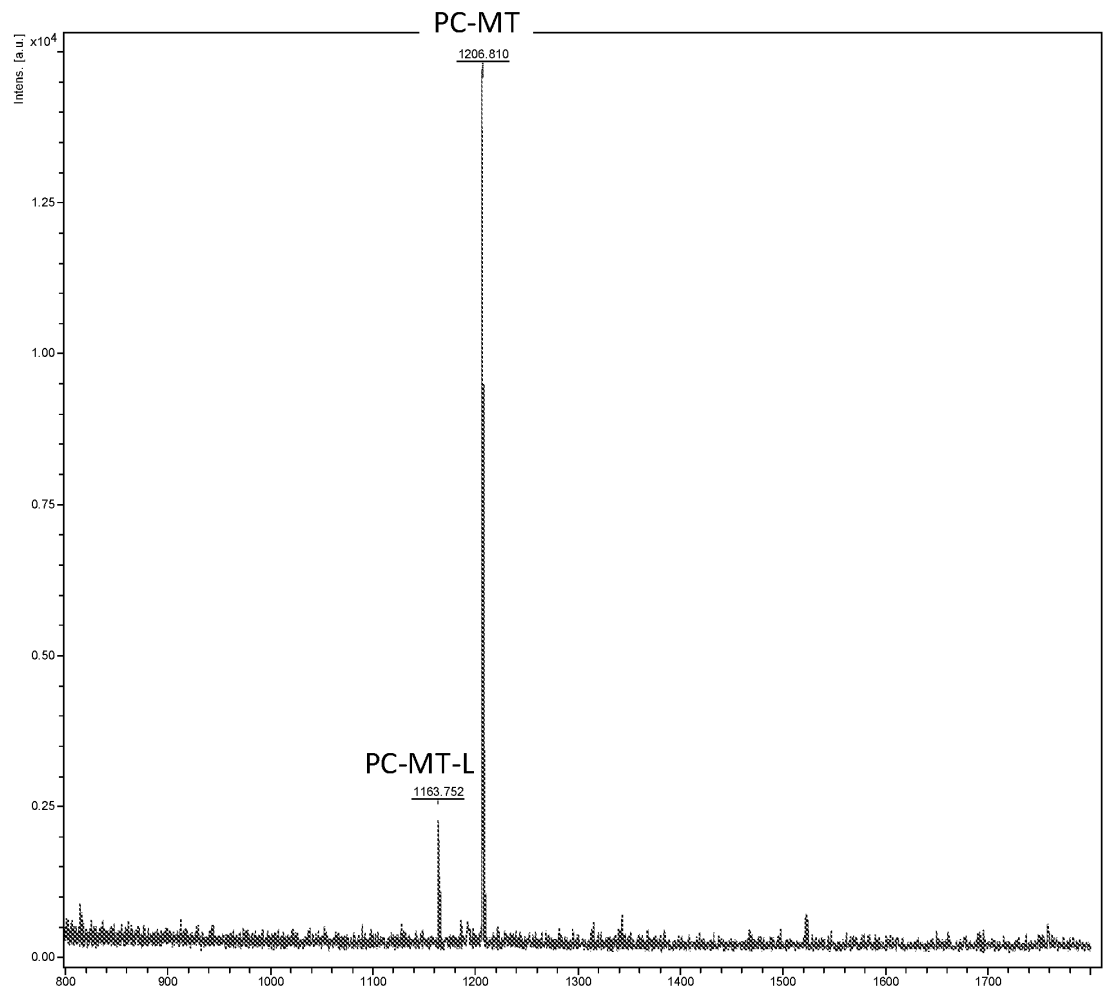


Fig. 12

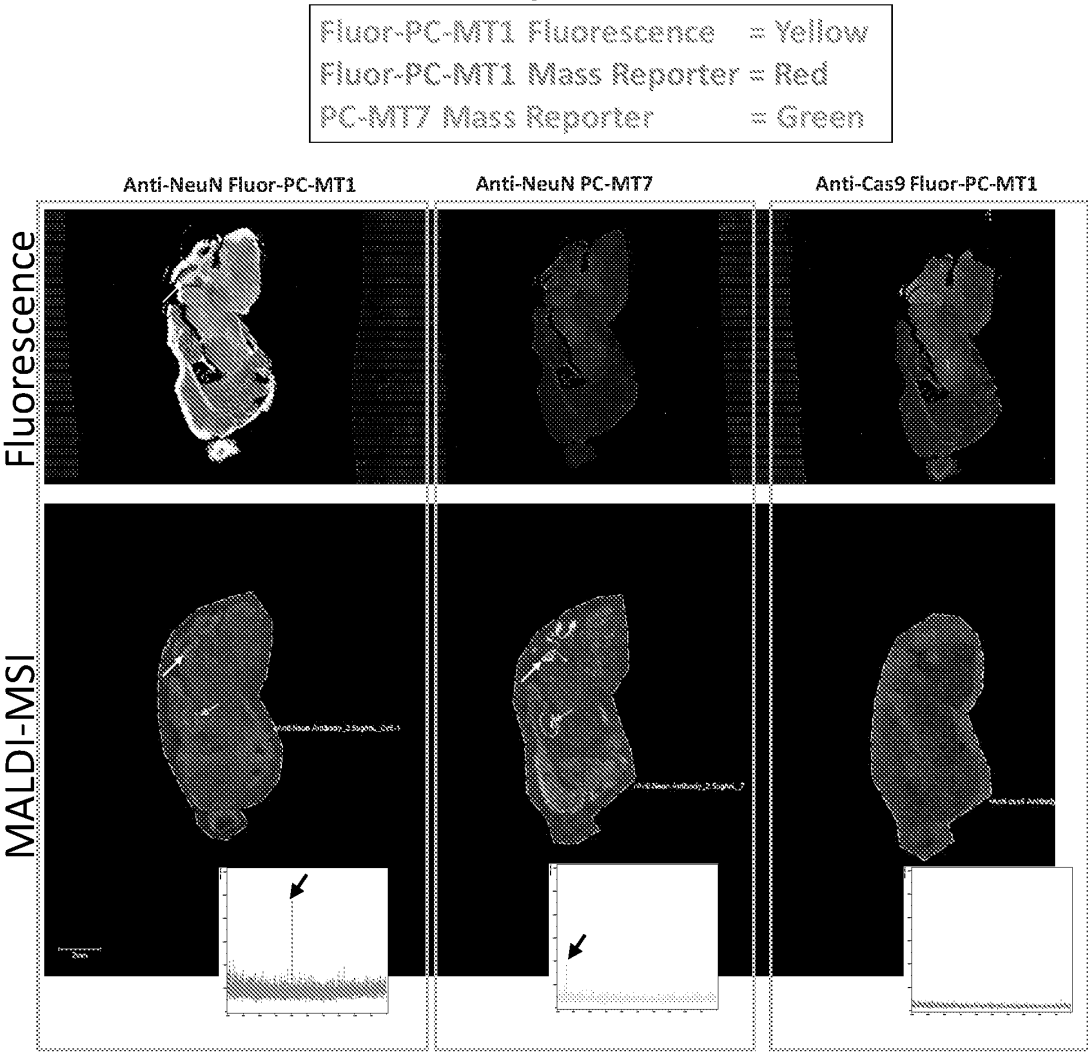


Fig. 13A

Bead ID-Tag9 = Blue
Bead ID-Tag10 = Green
Bead ID-Tag15 = Yellow
Antibody PC-MTs 1 and 2 = Red

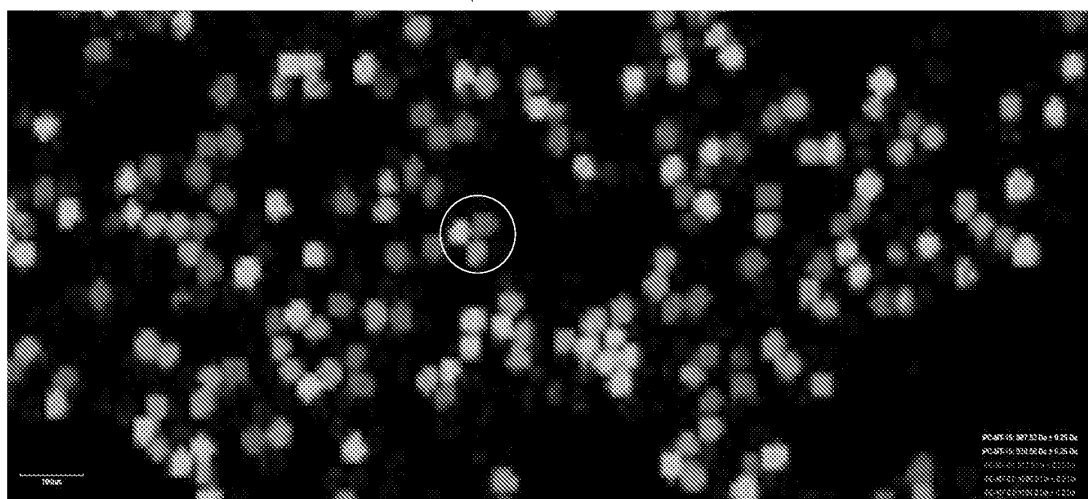


Fig. 13B

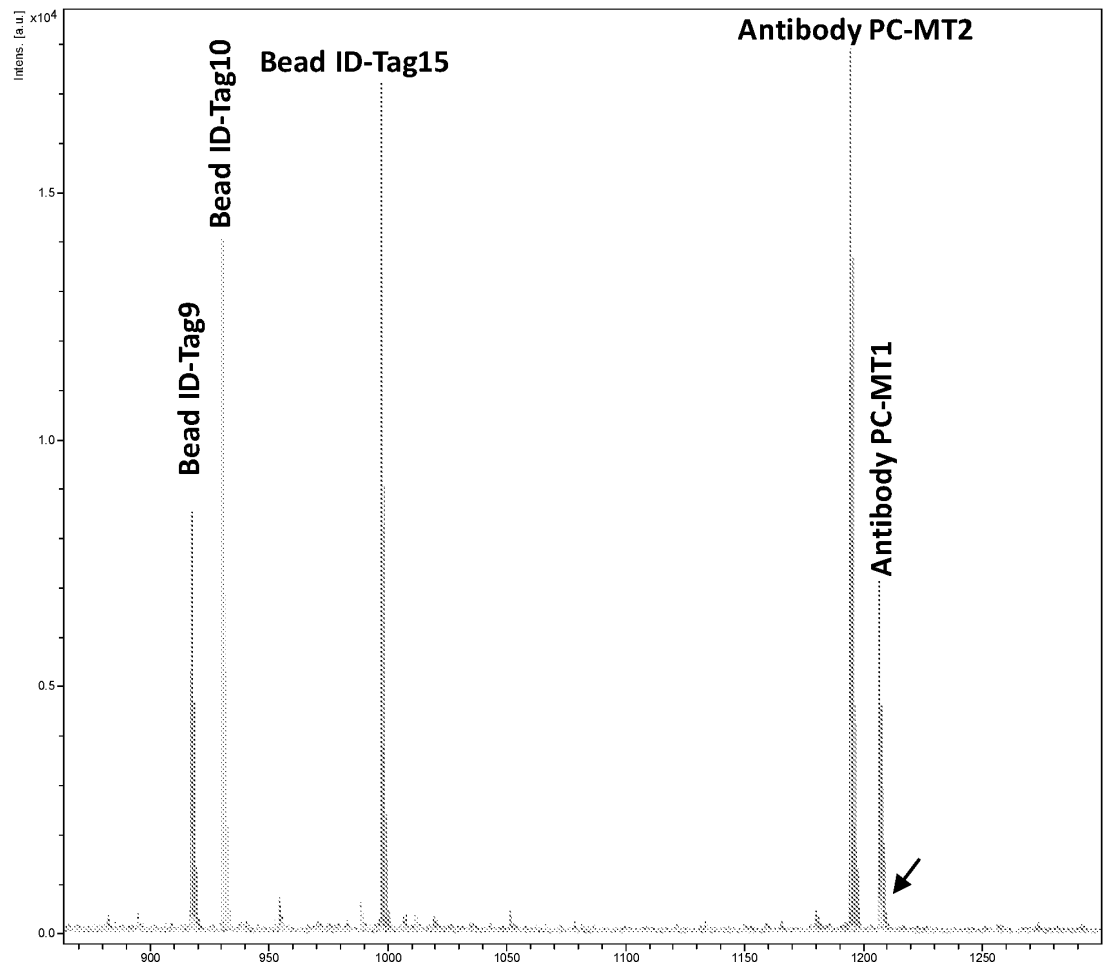


Fig. 13C

Seed ID-Tag9 = Blue
Seed ID-Tag10 = Green
Seed ID-Tag15 = Yellow
Antibody PC-MTs 7 and 2 = Red

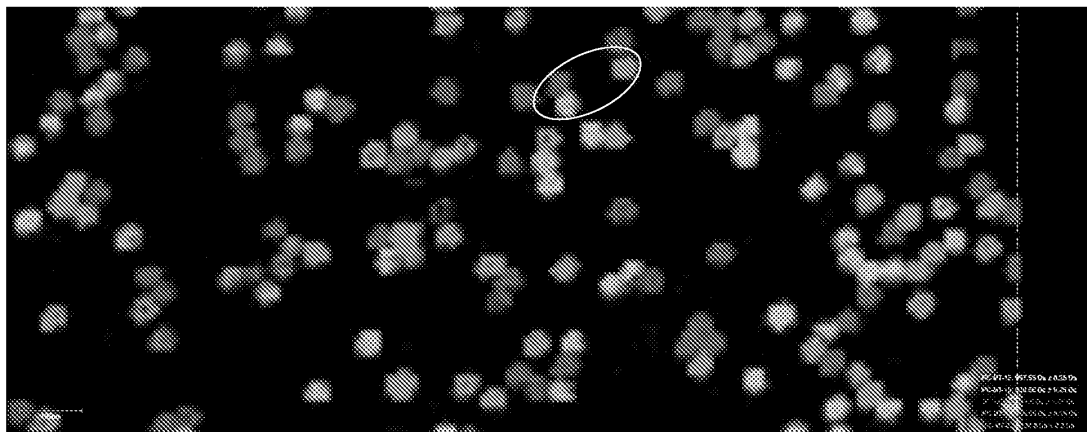


Fig. 13D

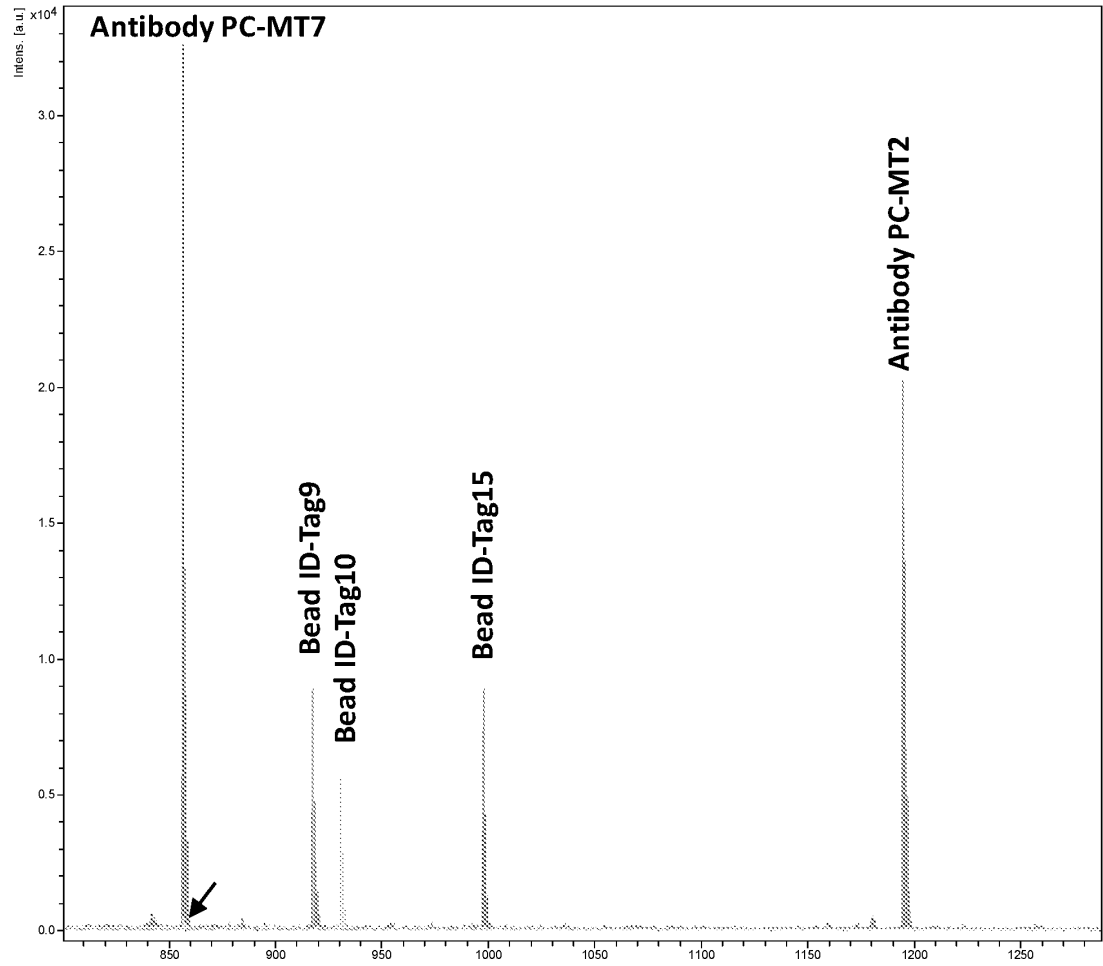


Fig. 13E

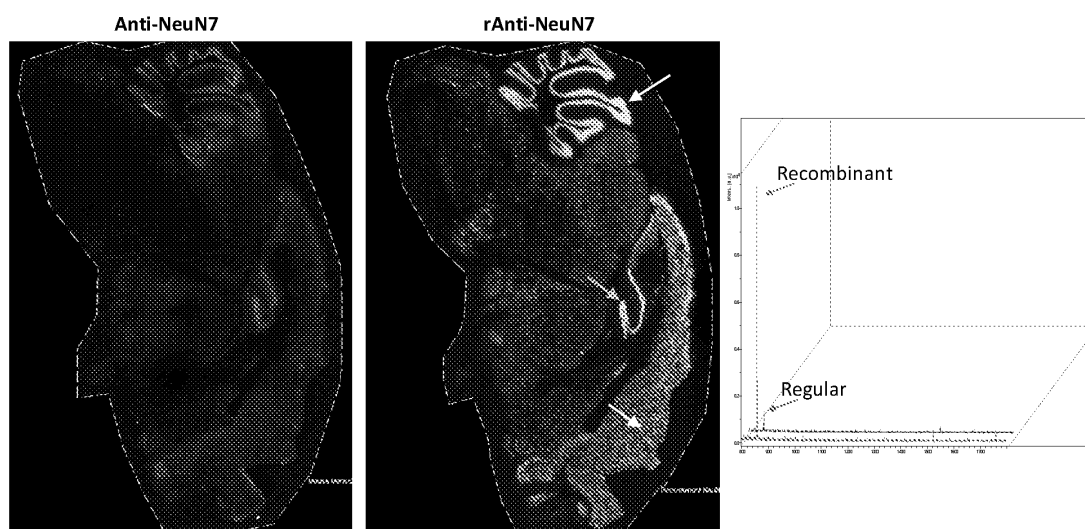


Fig. 14A

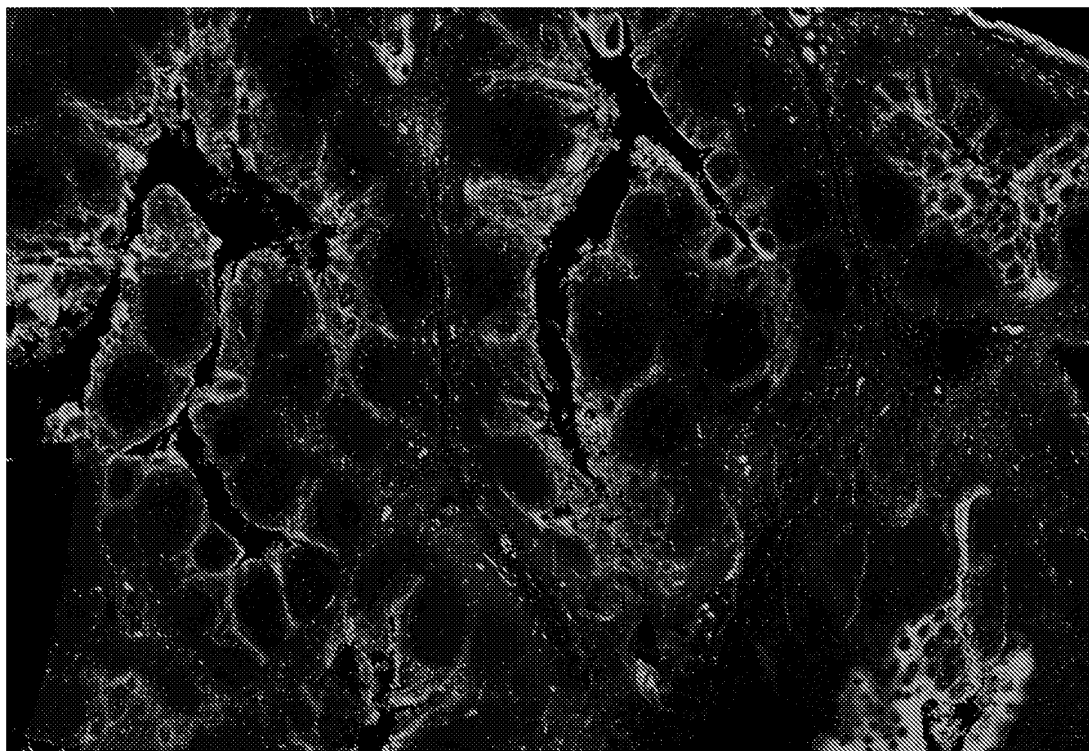


Fig. 14B

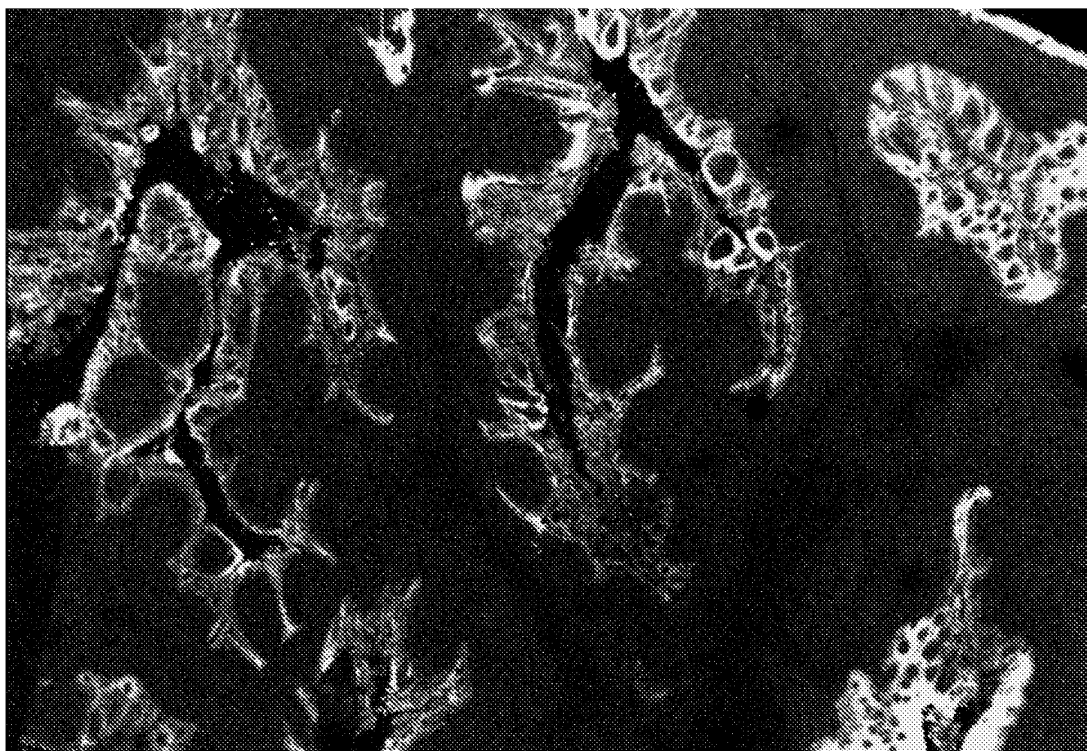


Fig. 14C

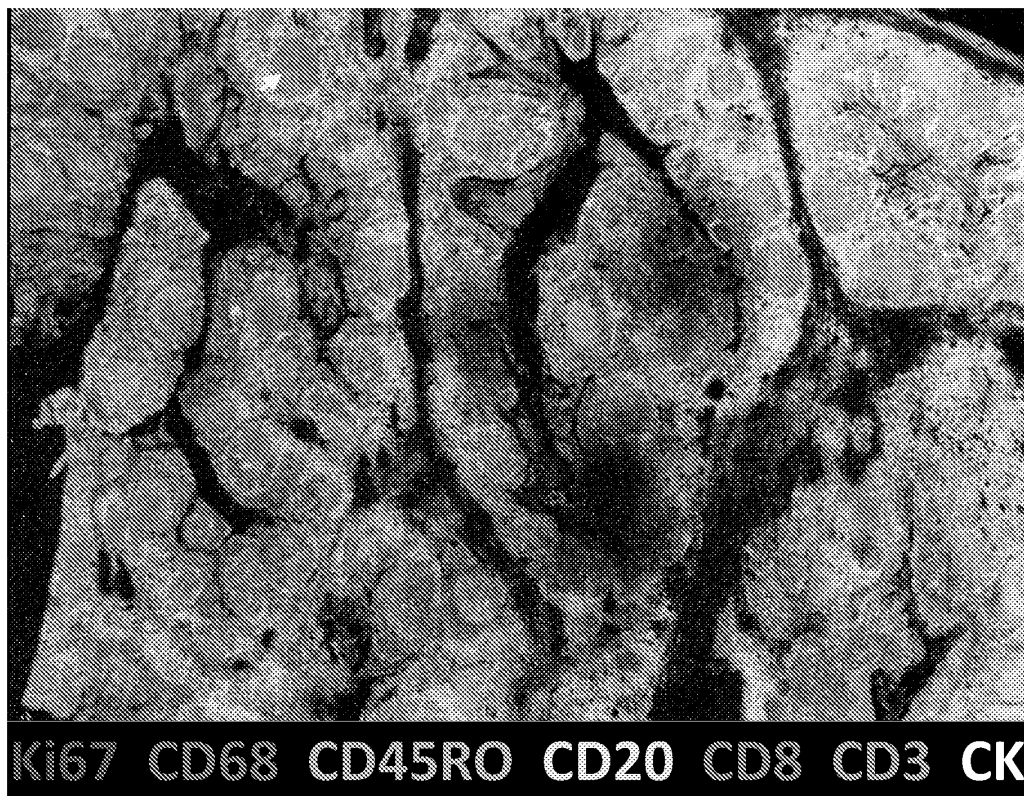


Fig. 14D

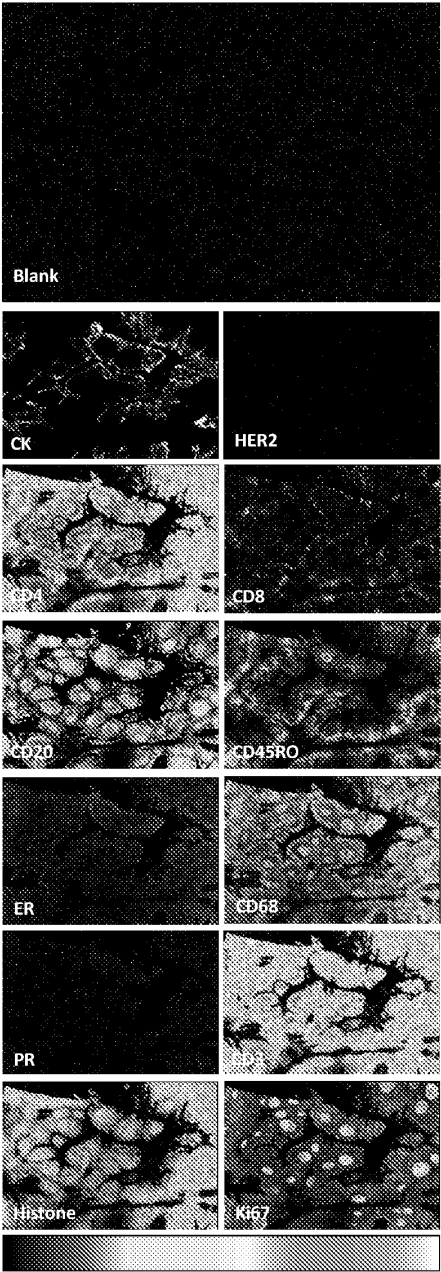


Fig. 15A

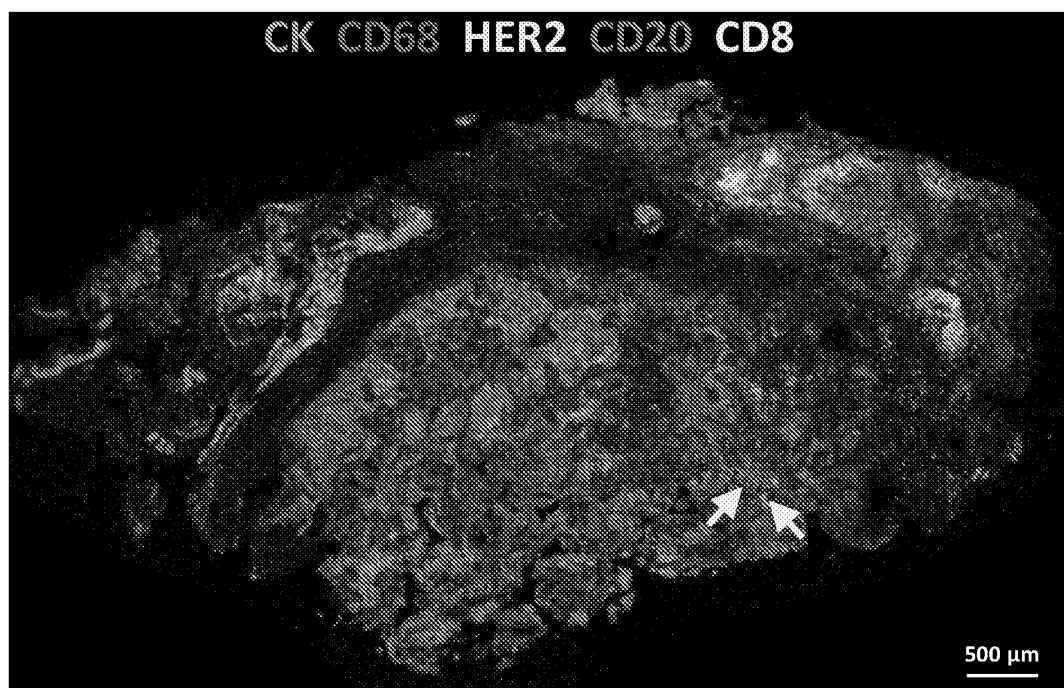


Fig. 15B

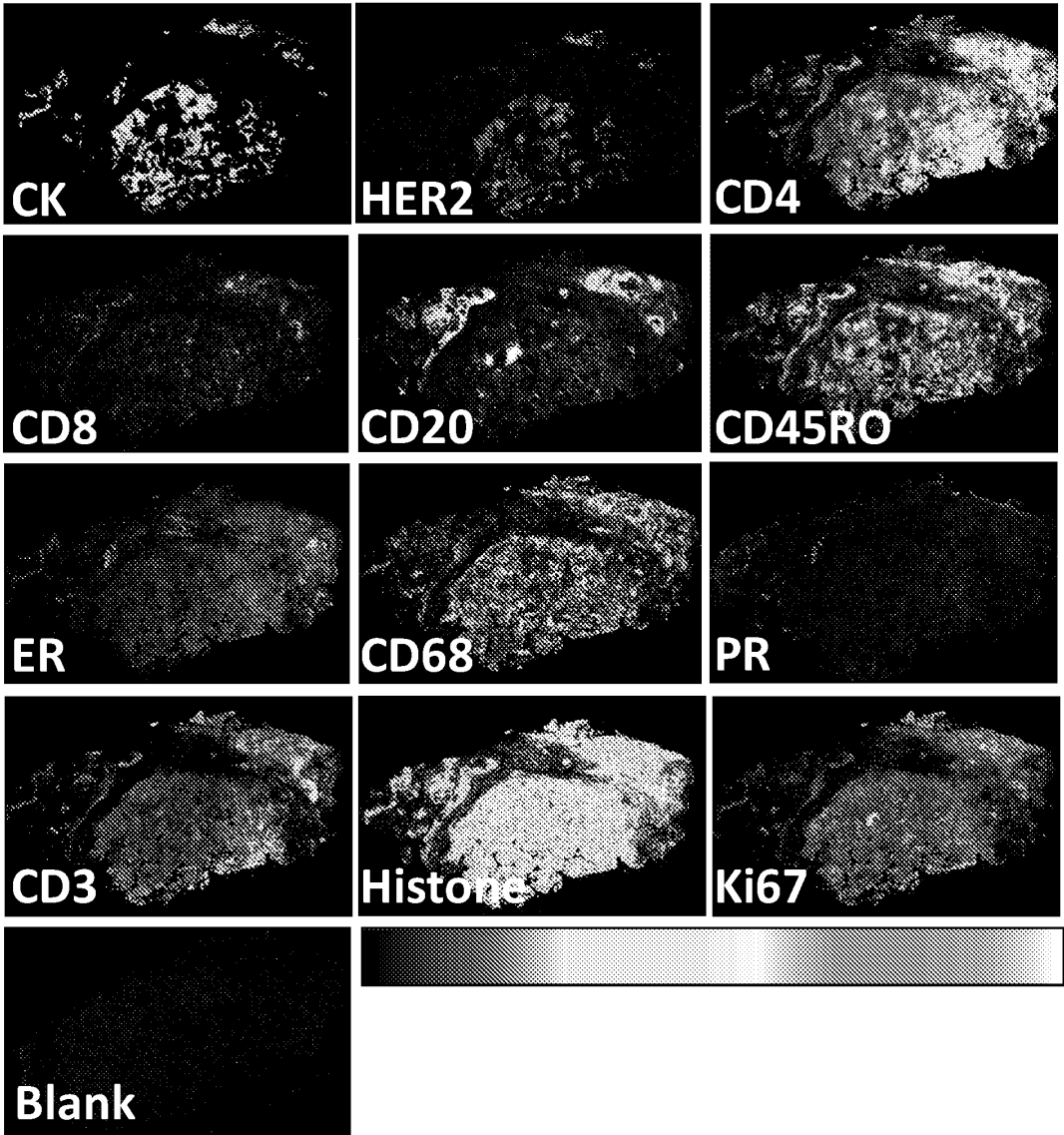


Fig. 15C

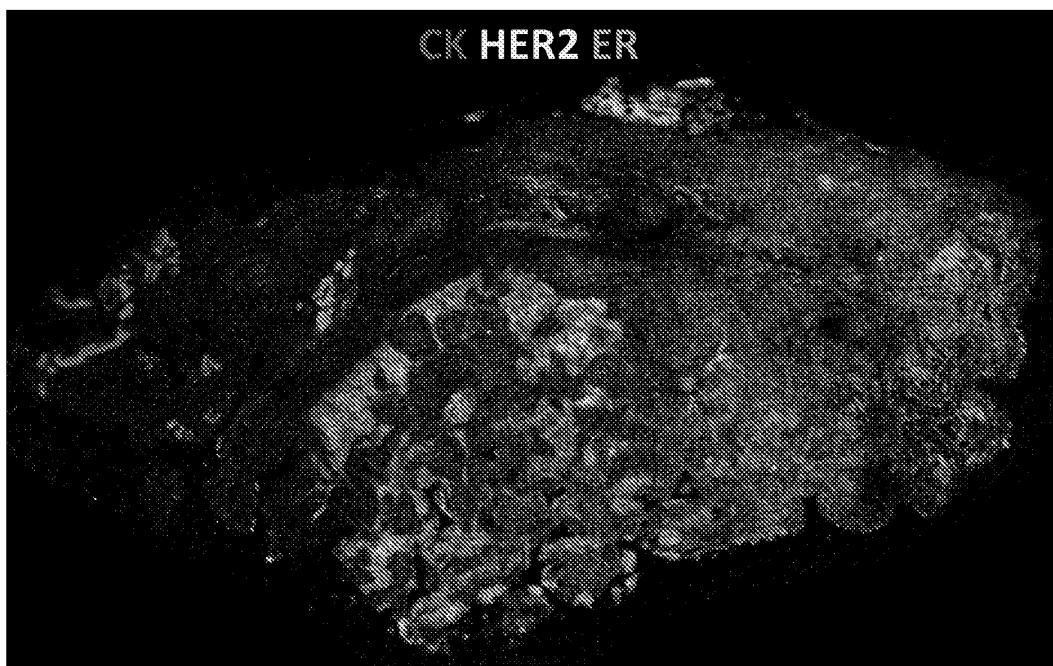


Fig. 15D

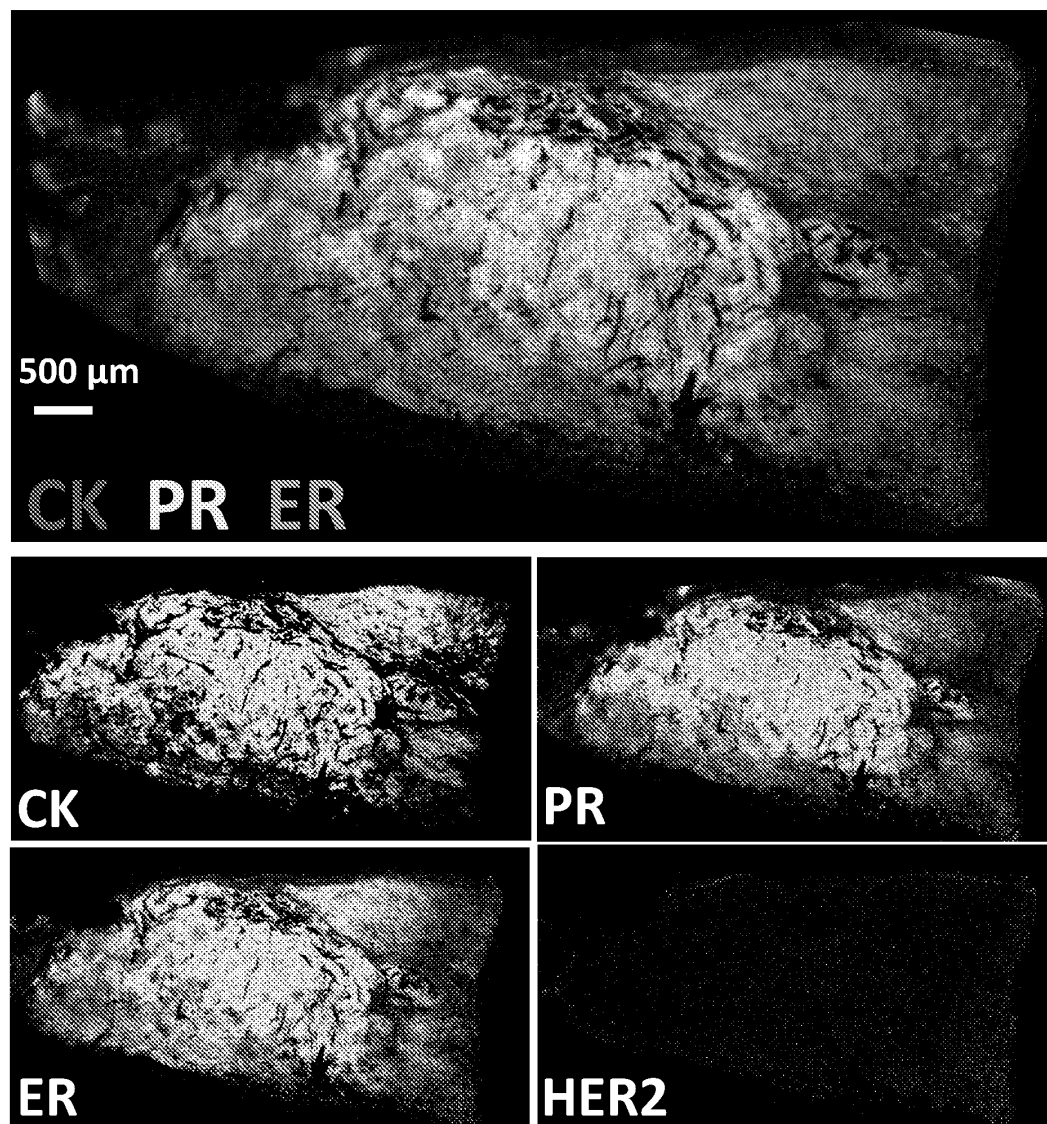


Fig. 16

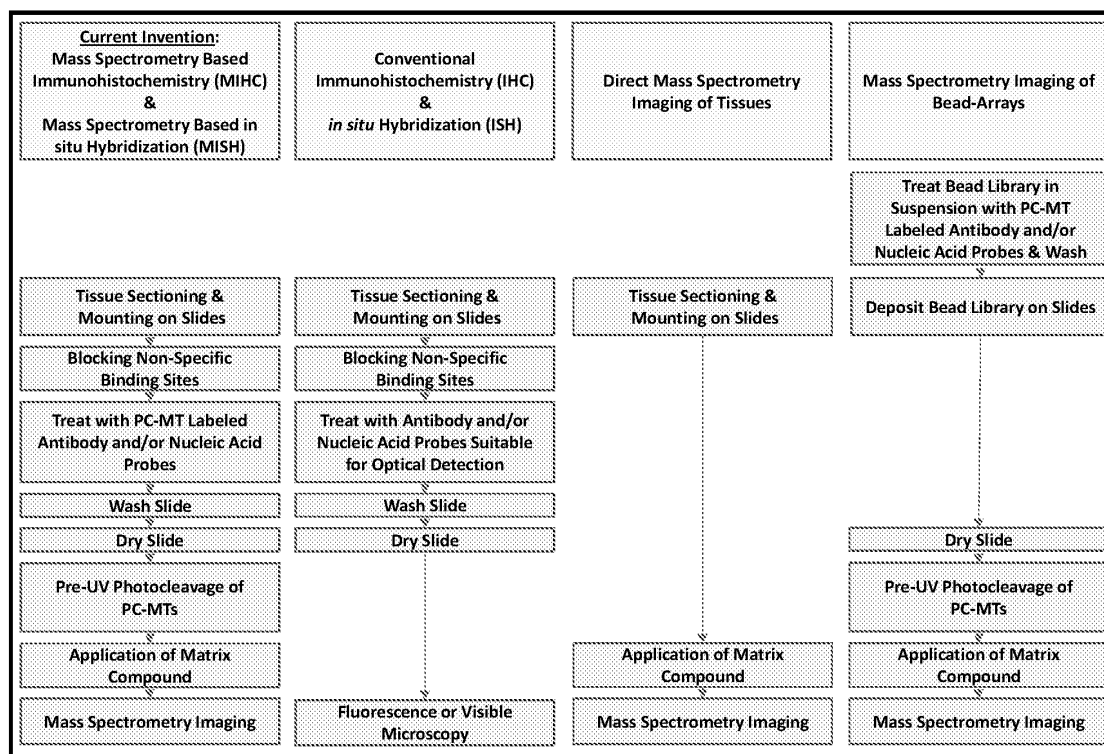


Fig. 17

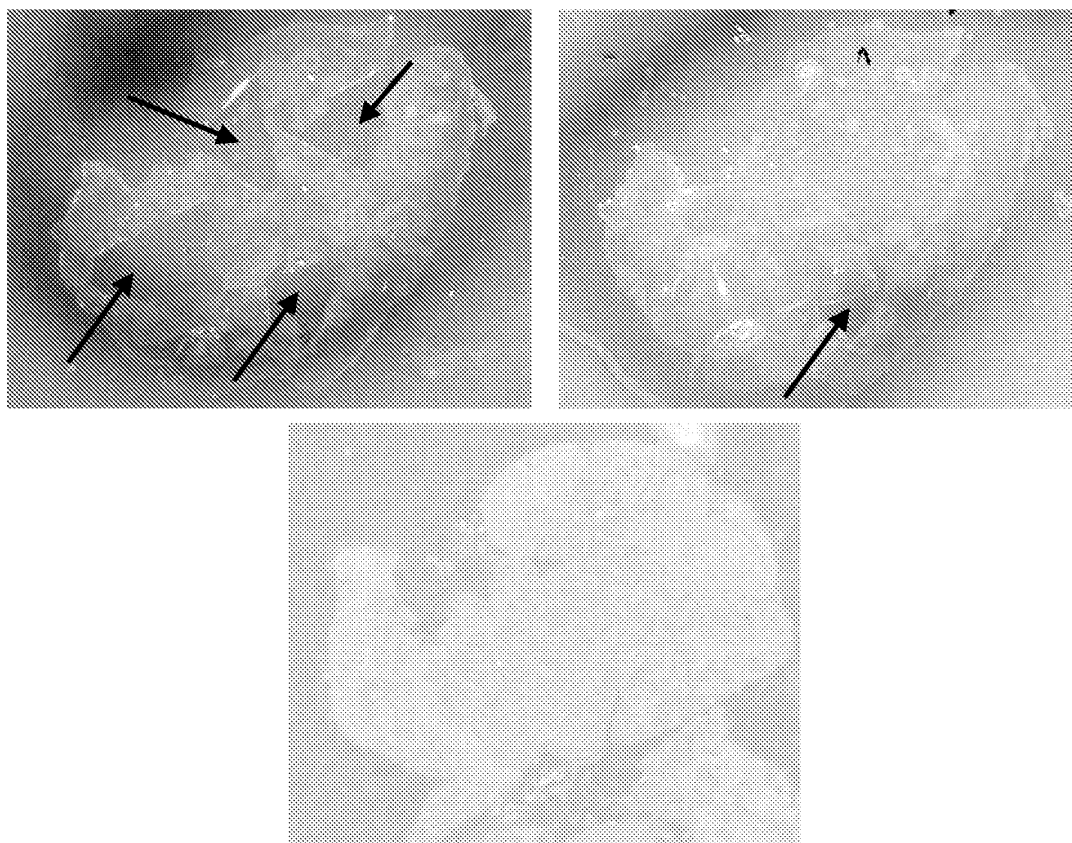


Fig. 18

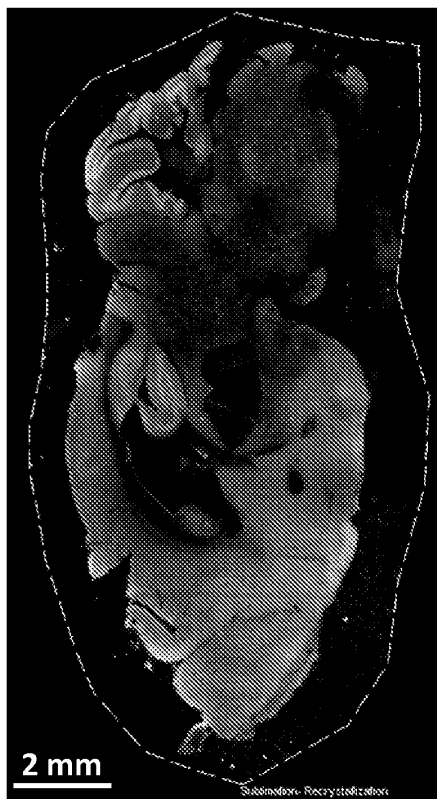
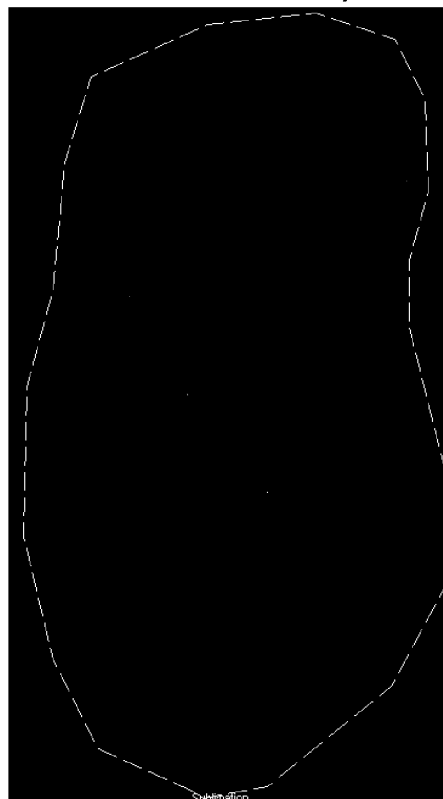
Matrix Sublimation with Recrystallization**Matrix Sublimation without Recrystallization**

Fig. 19A



Fig. 19B

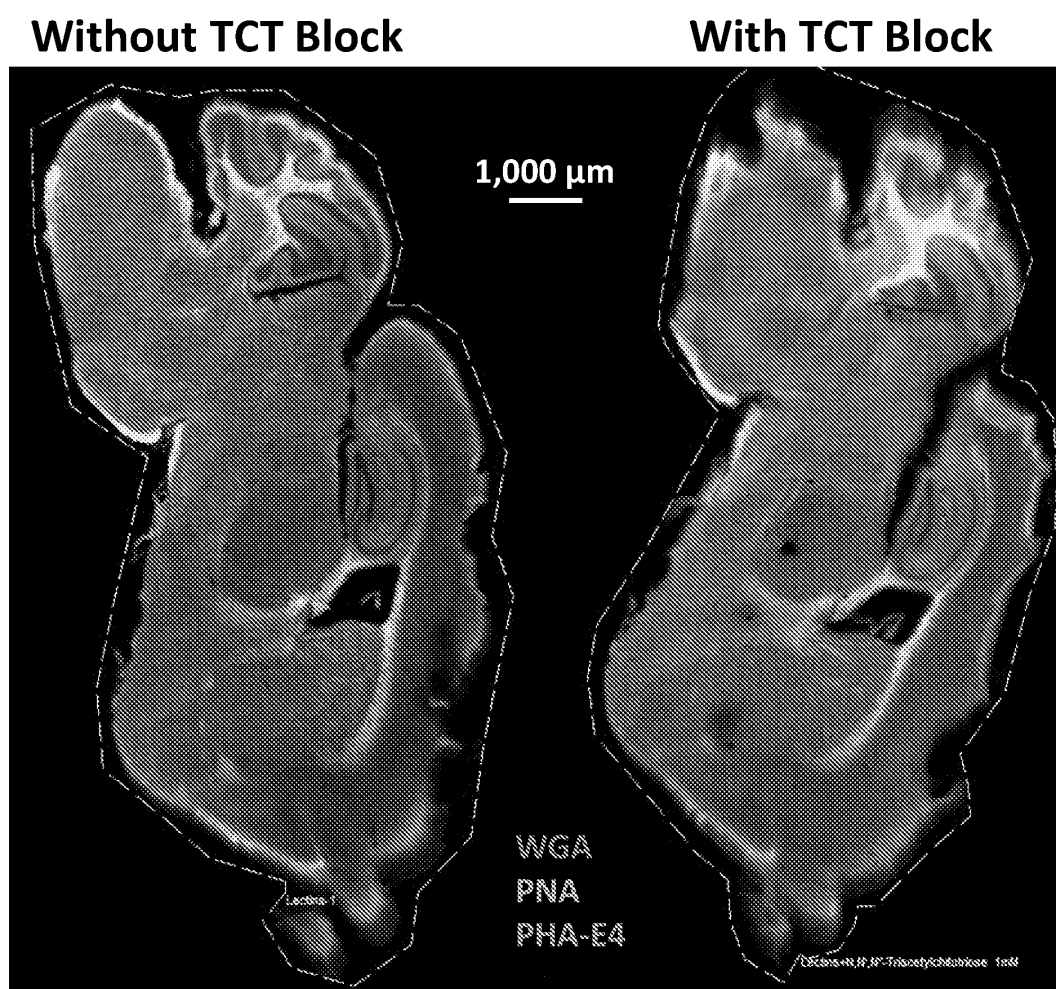


Fig. 19C

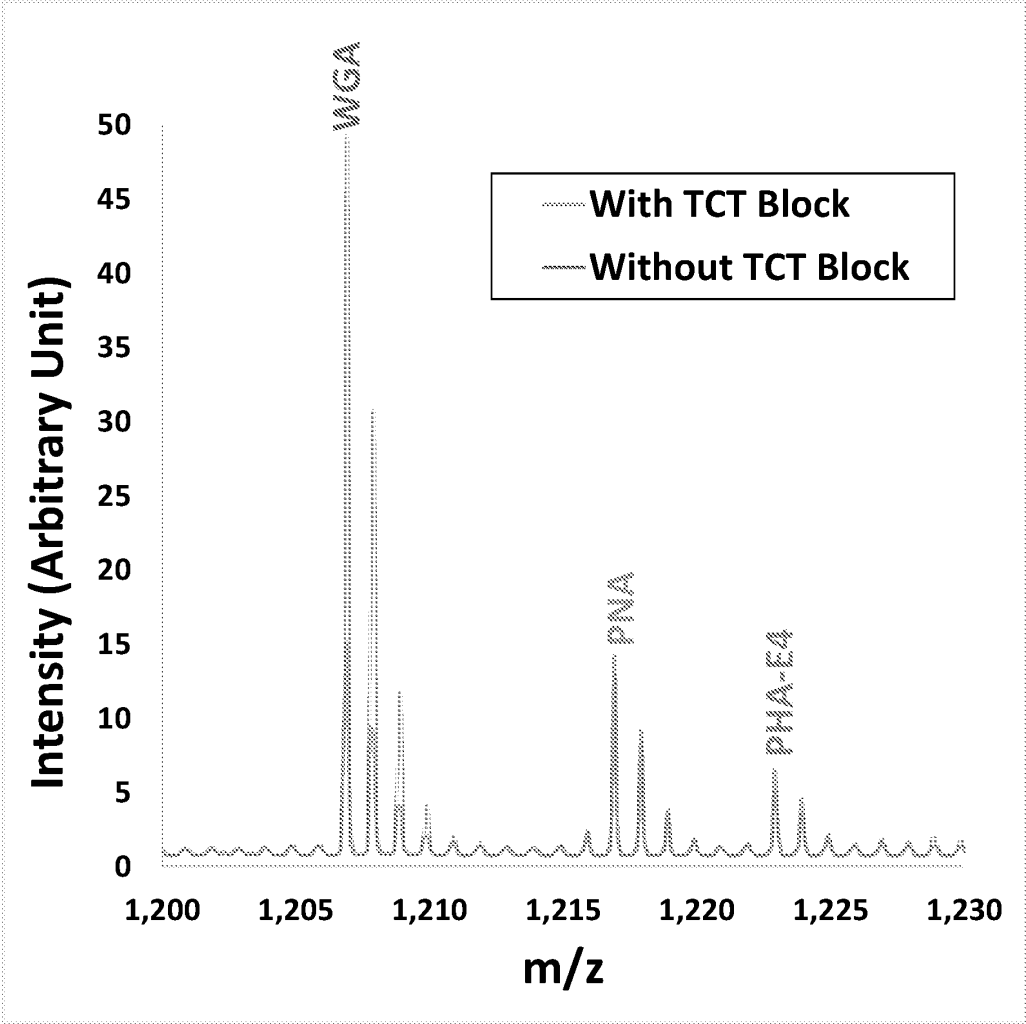


Fig. 20A

MSI-1 (Direct Label-Free Lipid MSI)

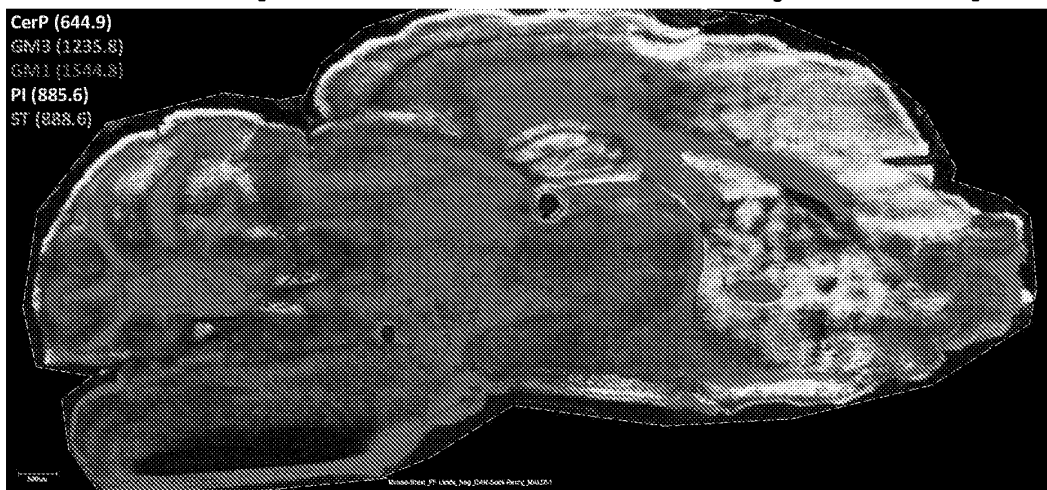


Fig. 20B

MSI-2 (MIHC)



Fig. 20C

Merge



Fig. 21A

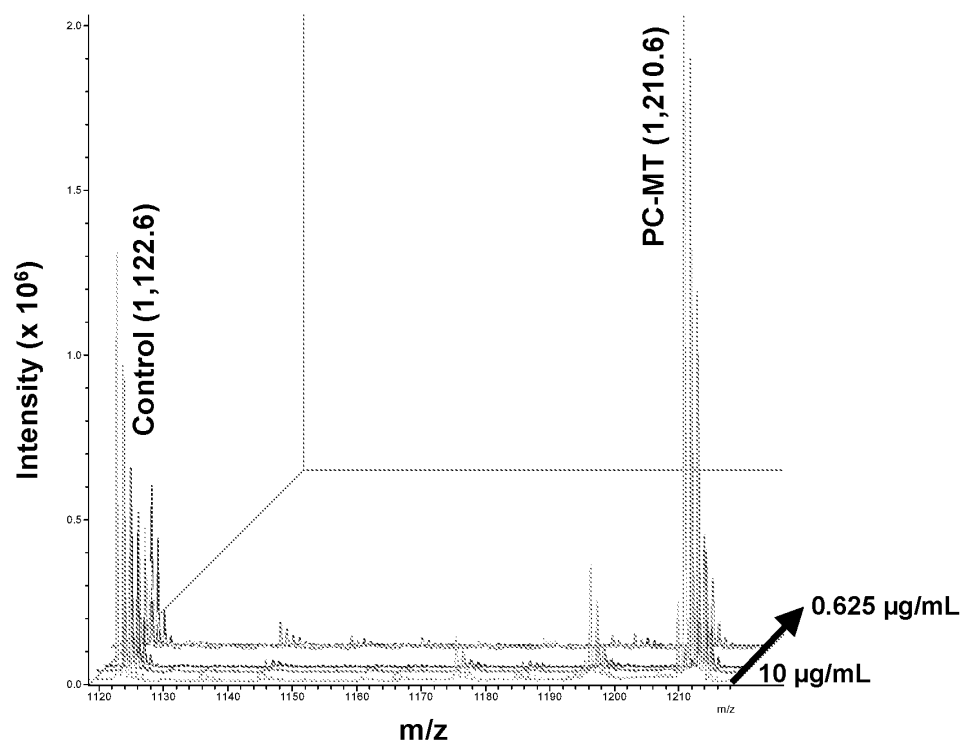


Fig. 21B

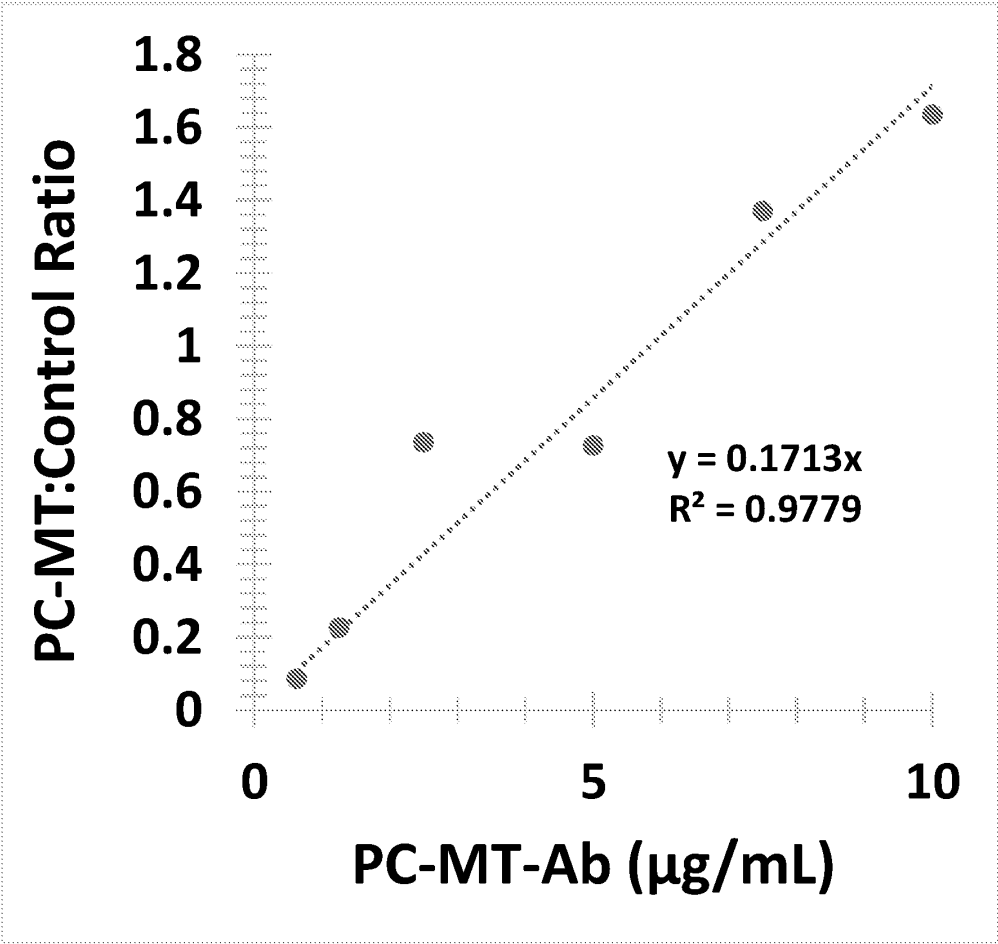


Fig. 22

