

Supplementary material

Probing the Cytotoxicity of CdS-MPA and CdSe-MUA QDs on *Staphylococcus aureus* using MALDI-MS and Epifluorescence microscopy

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Fig. Scheme

Synthesis of CdS-MPA QDs

Synthesis of CdSe-MUA QDs

Growth of *S aureus* in liquid broth for 12h

Add different conc of QDs in bacterial broth

Collect the sample in 3,6,9,12 h

Centrifuge at 10,000rpm remove supernatant,
add 400 μ L water,, vortex 10mint, repeat the
same for 2 times

1

2

3

Spot on MALDI-MS plate with
SA matrix

Take sample on glass slide and
add Acridine orange

O.D 600nm

Fig S 1 A.

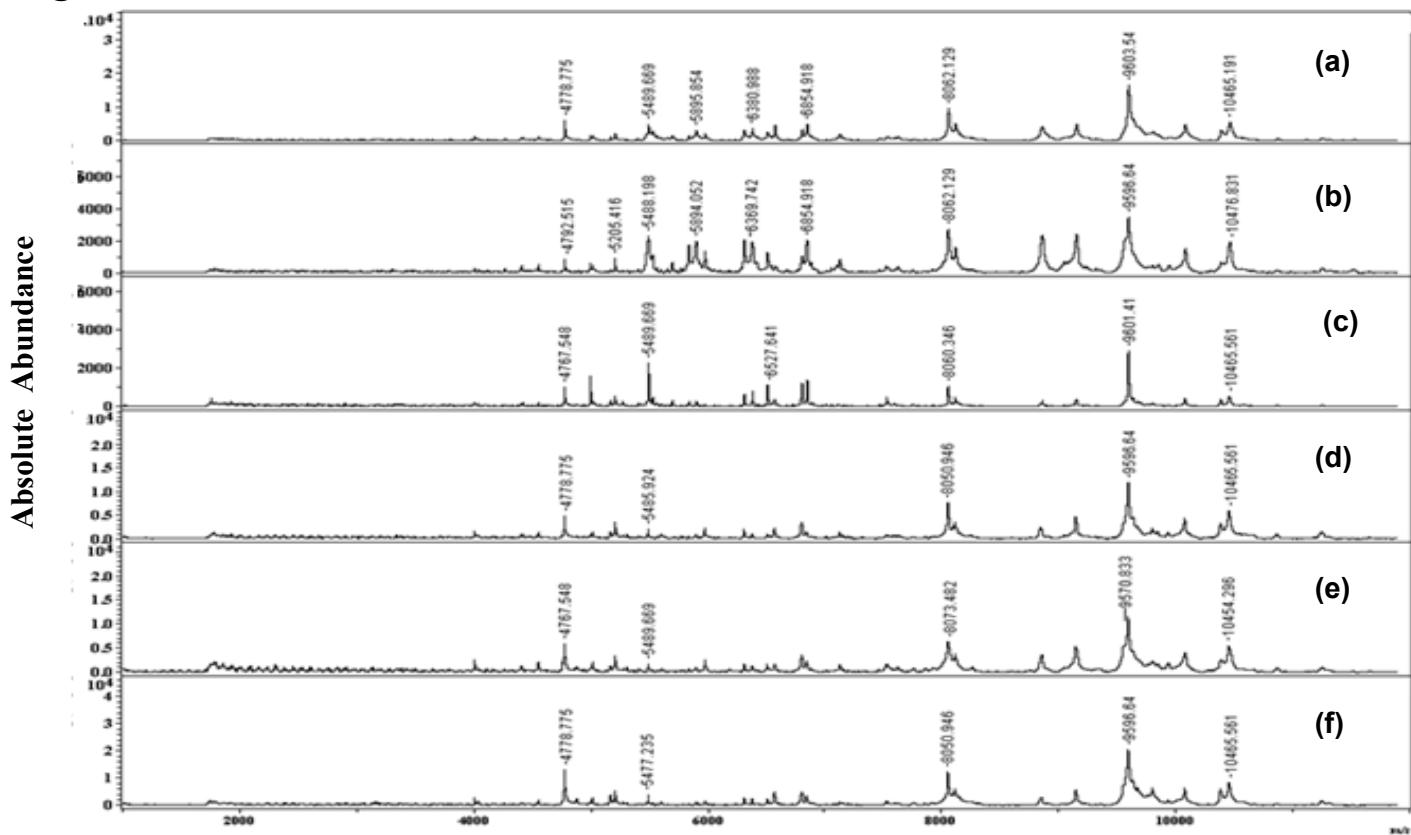
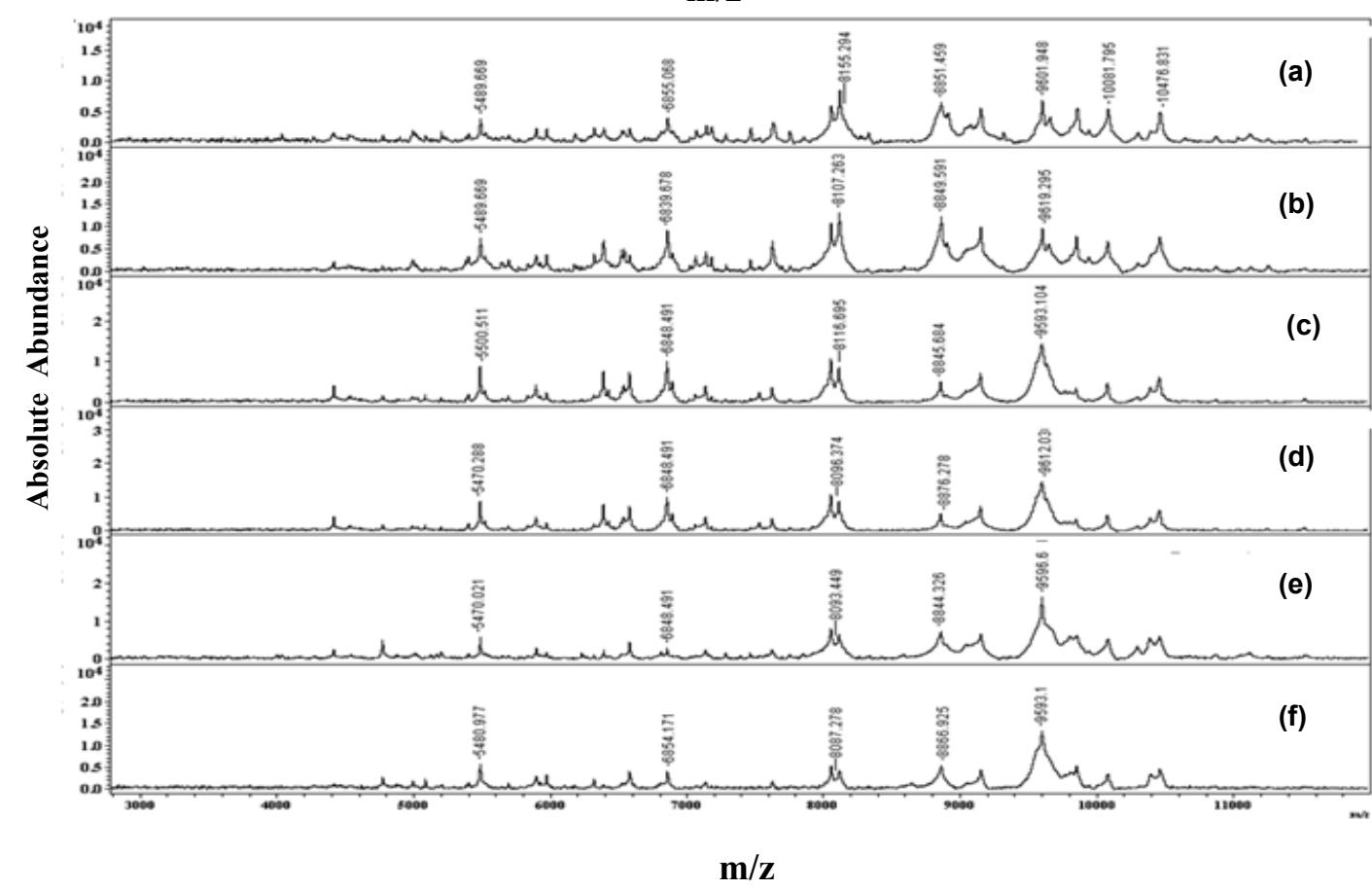


Fig S 1 B.



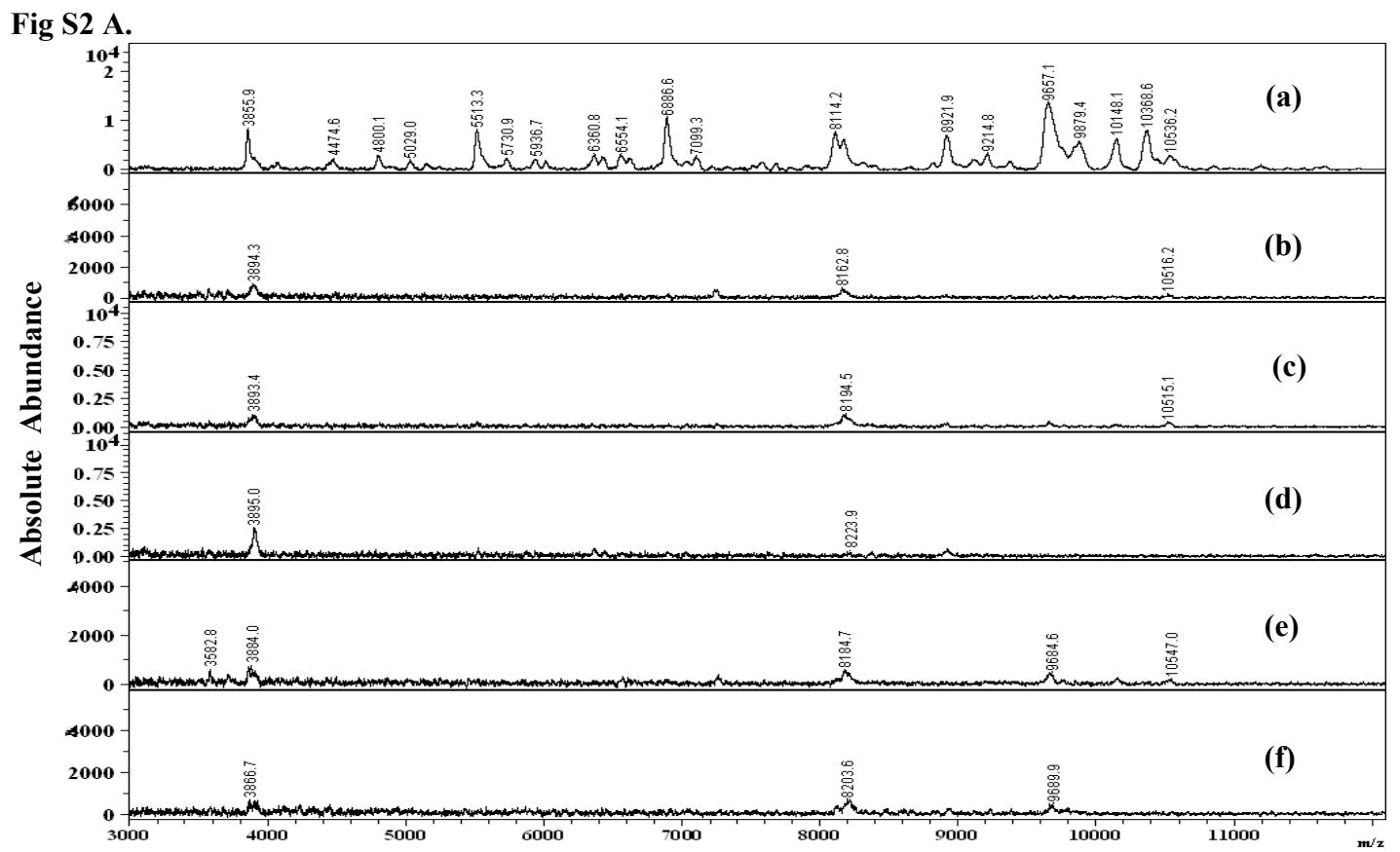
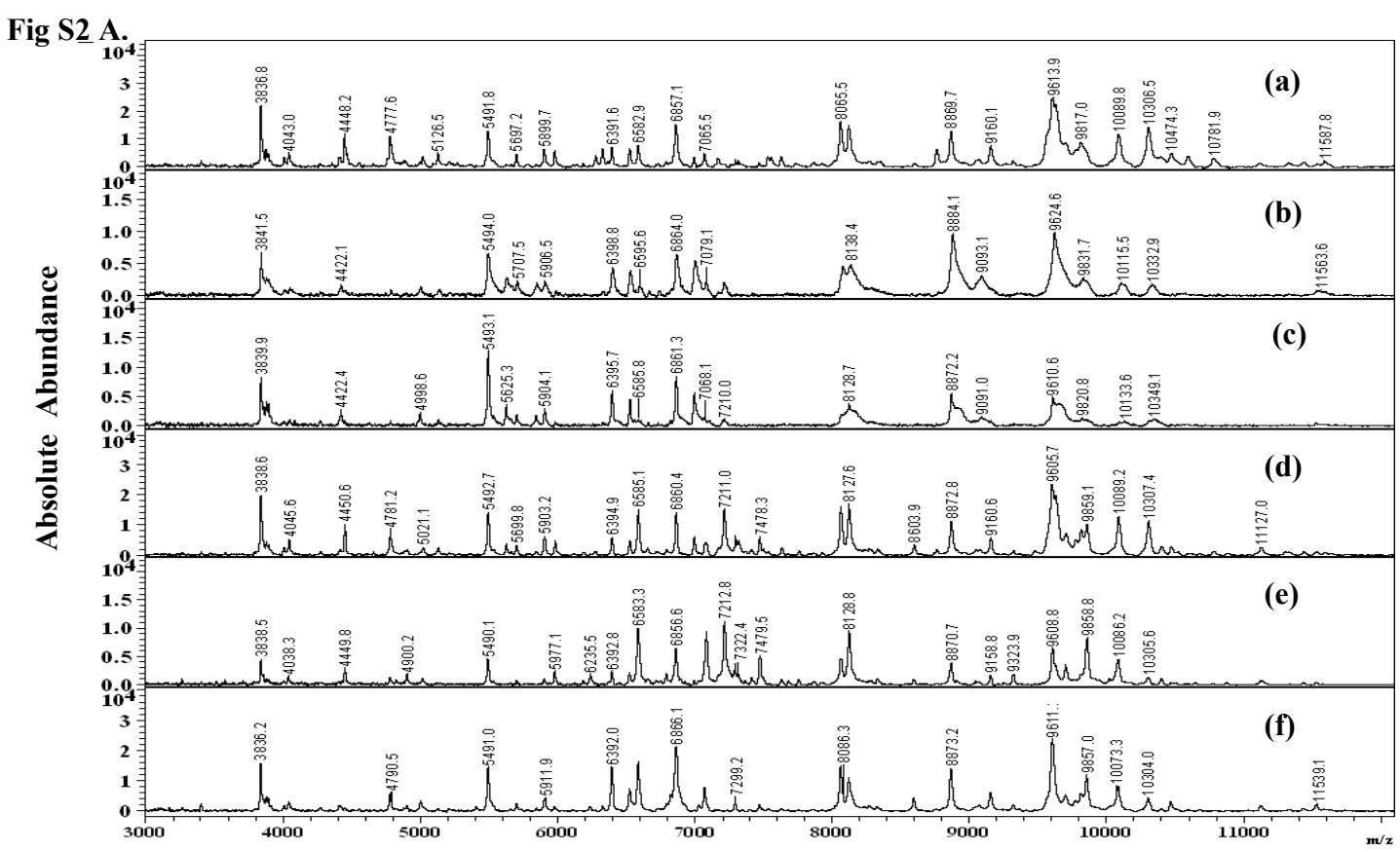


Fig S 3 A.

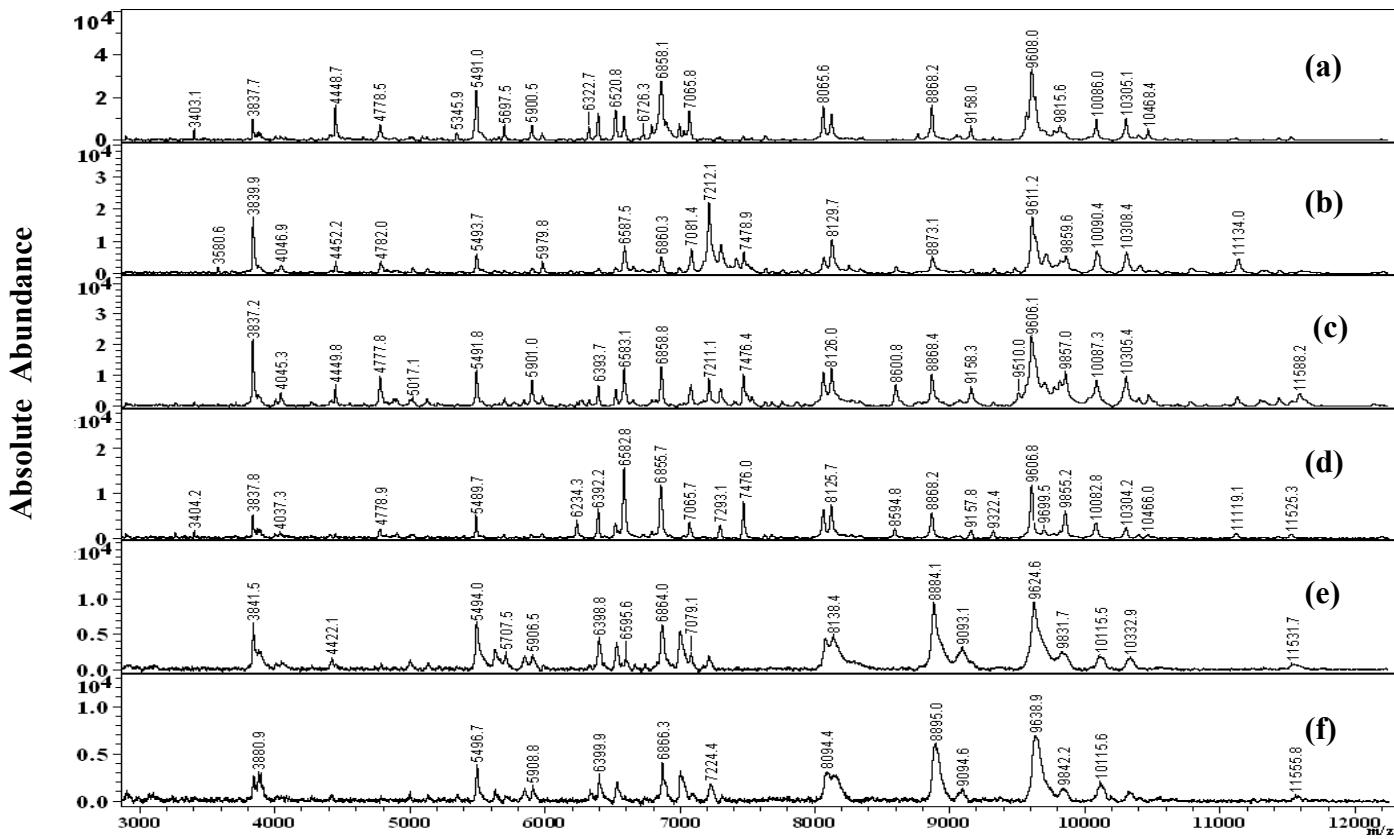


Fig S 3 B.

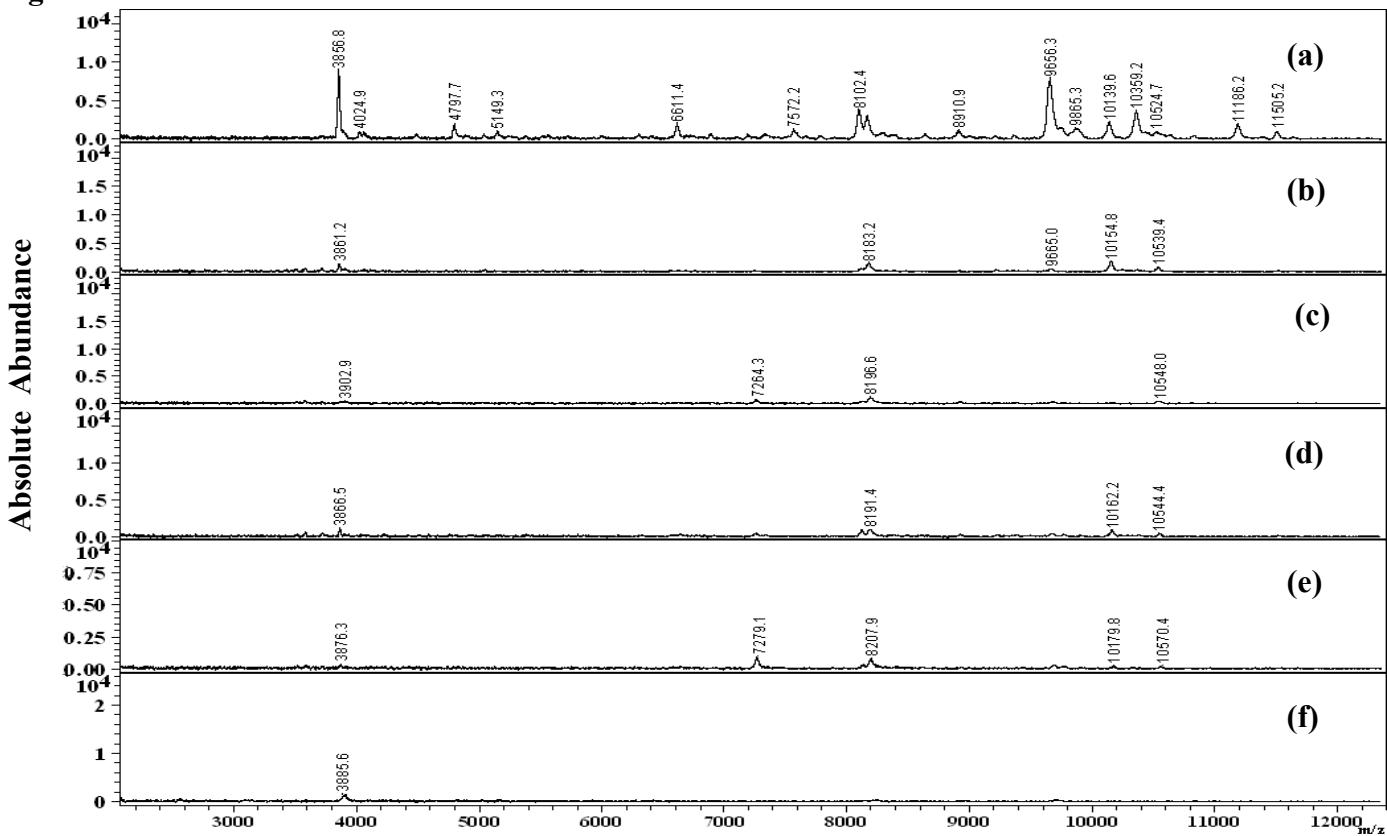


Fig S4 A.

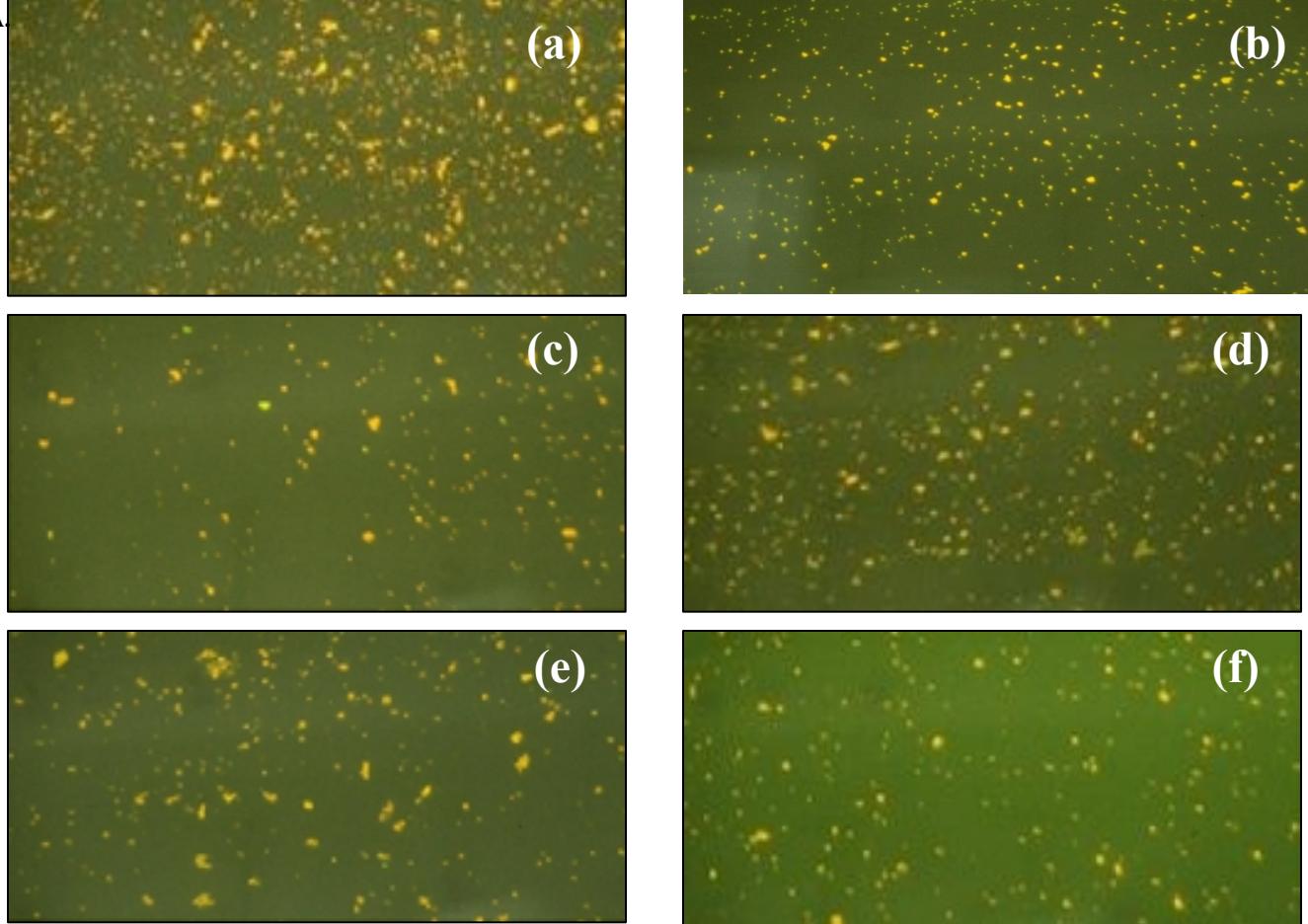


Fig S4 B.

