

## Supplementary Material

### GREEN SYNTHESIS, SOLUBLIZATION STUDIES AND ANTI-INFLAMMATORY ACTIVITY OF AMORPHOUS ZINC (II) CENTERED ALDIMINE COMPLEXES

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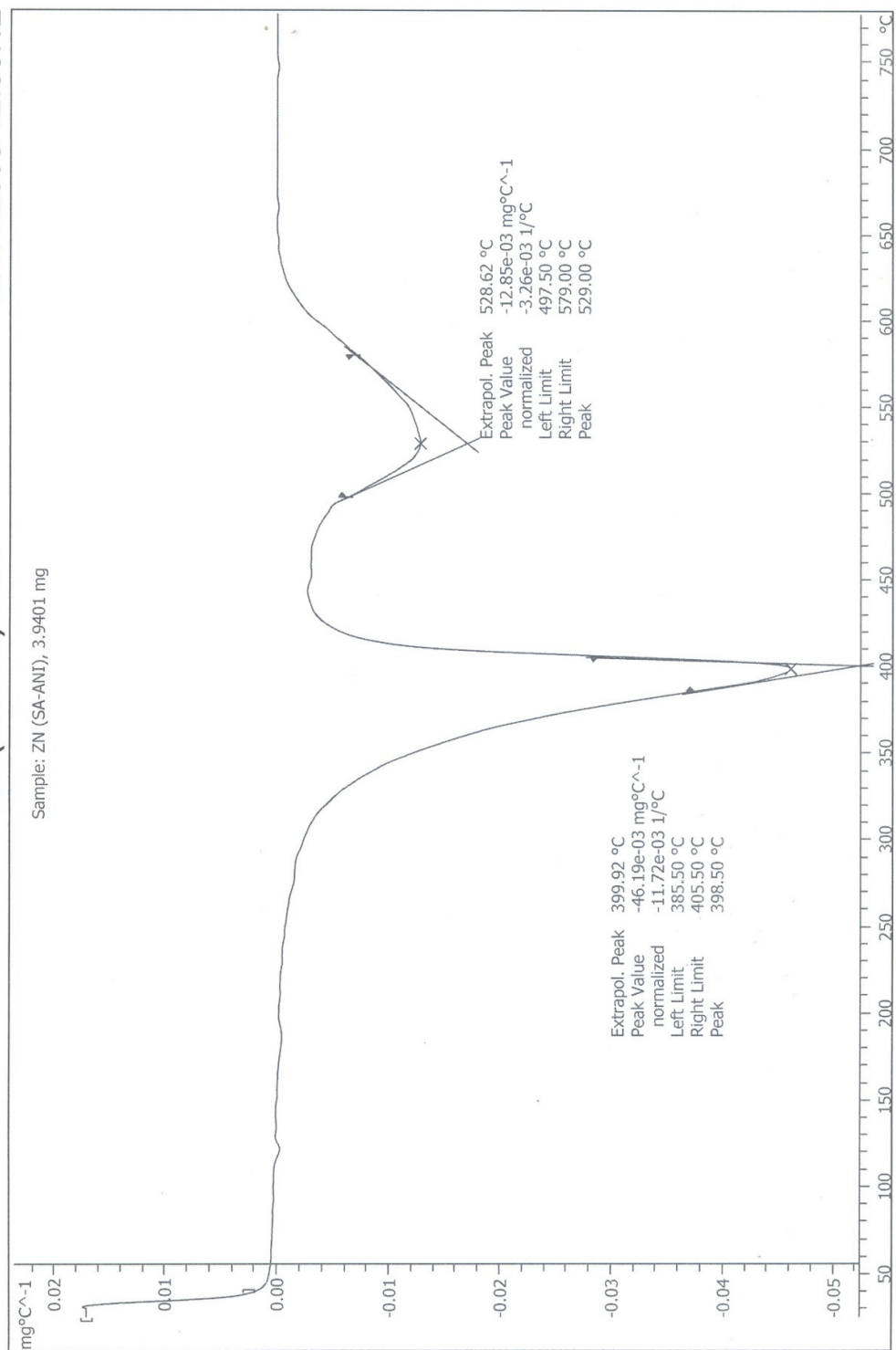
<sup>g</sup>*These authors have equal contribution and may please be considered as first authors.*

### **Selective spectra of synthesized compounds**

# ZN (SA-ANI) TGA

25.11.2008 12:39:12

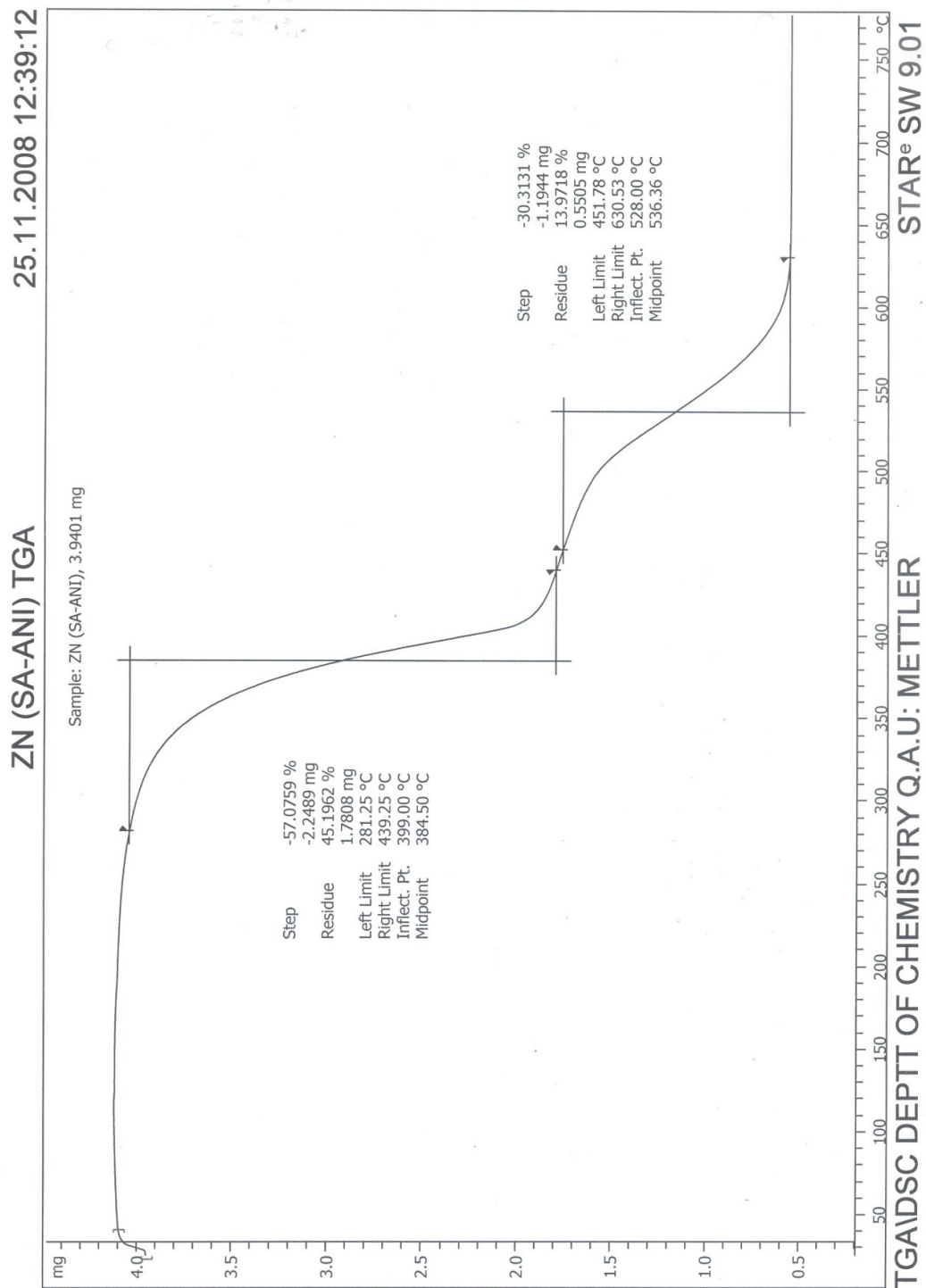
Sample: ZN (SA-ANI), 3.9401 mg



TGAIDSC DEPT OF CHEMISTRY Q.A.U: METTLER

STAR<sup>e</sup> SW 9.01

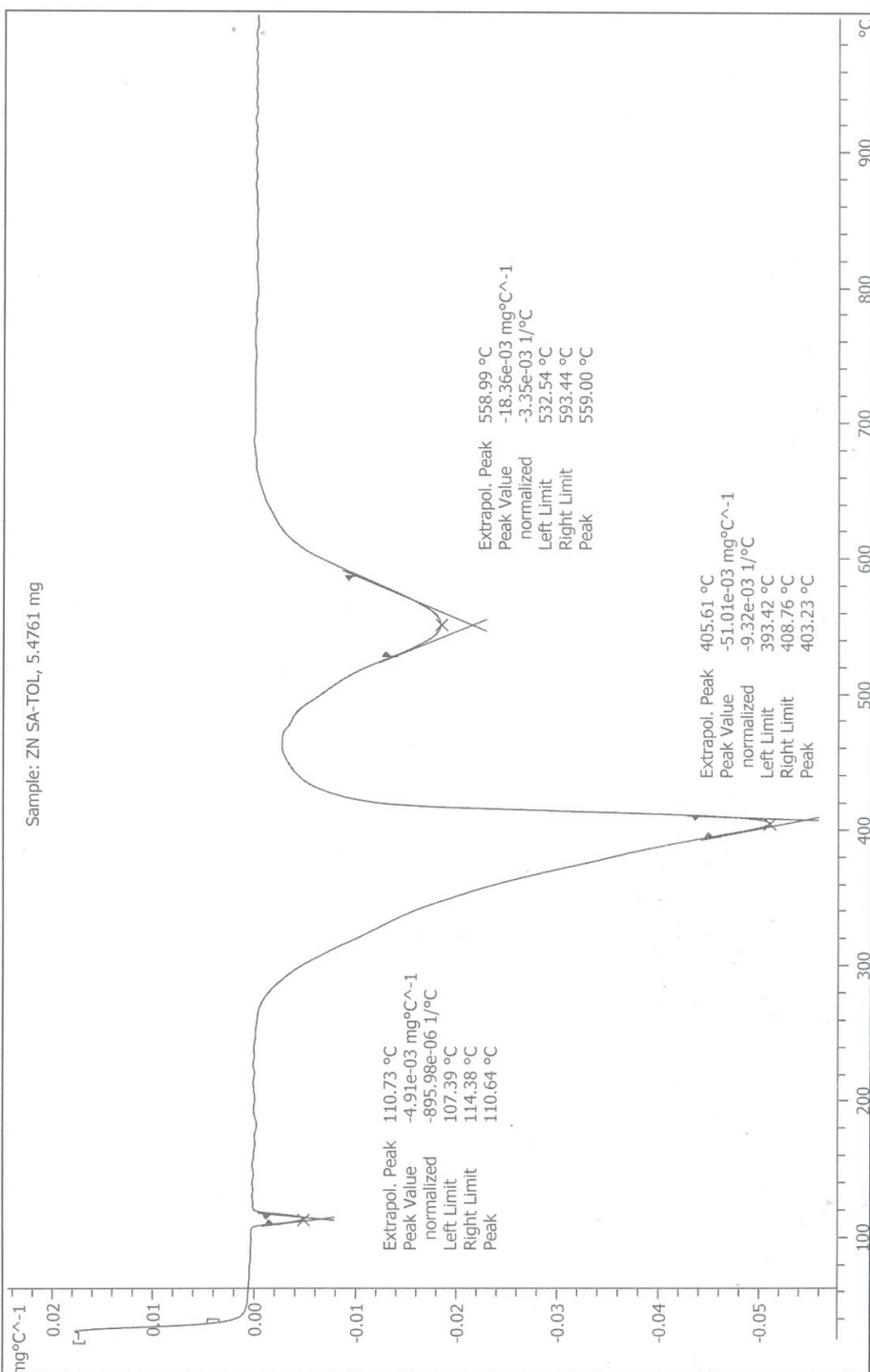
Figure S1. DTG of Zinc Complex (1Zn)



**Figure S2. TGA of Zinc Complex (1Zn)**

# ZN (SA-TOL) TGA

10.11.2008 15:27:14



TGAIDSC DEPT OF CHEMISTRY Q.A.U: METTLER

STAR<sup>e</sup> SW 9.01

Figure S3. DTG of Zinc Complex (2Zn)

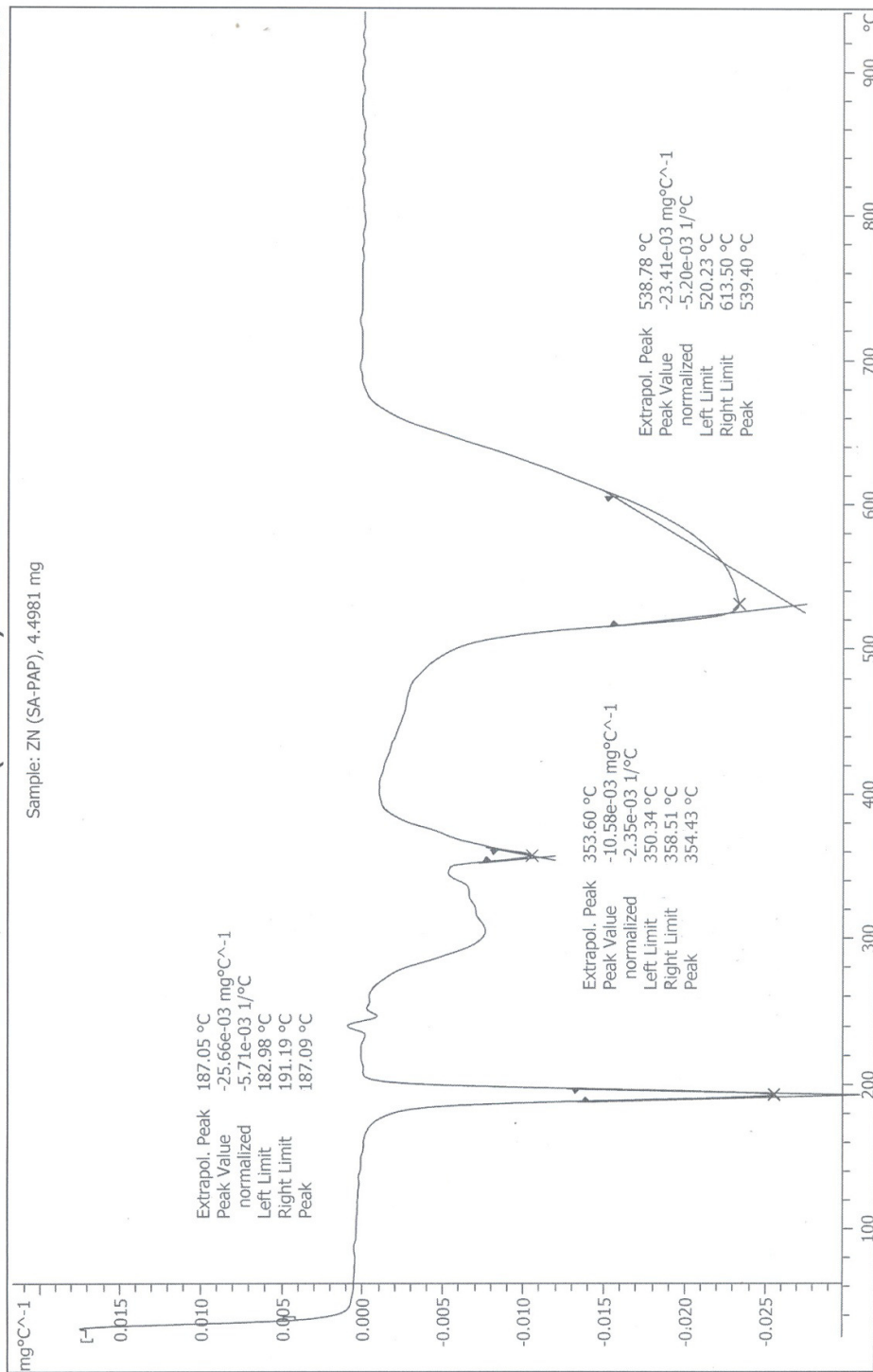
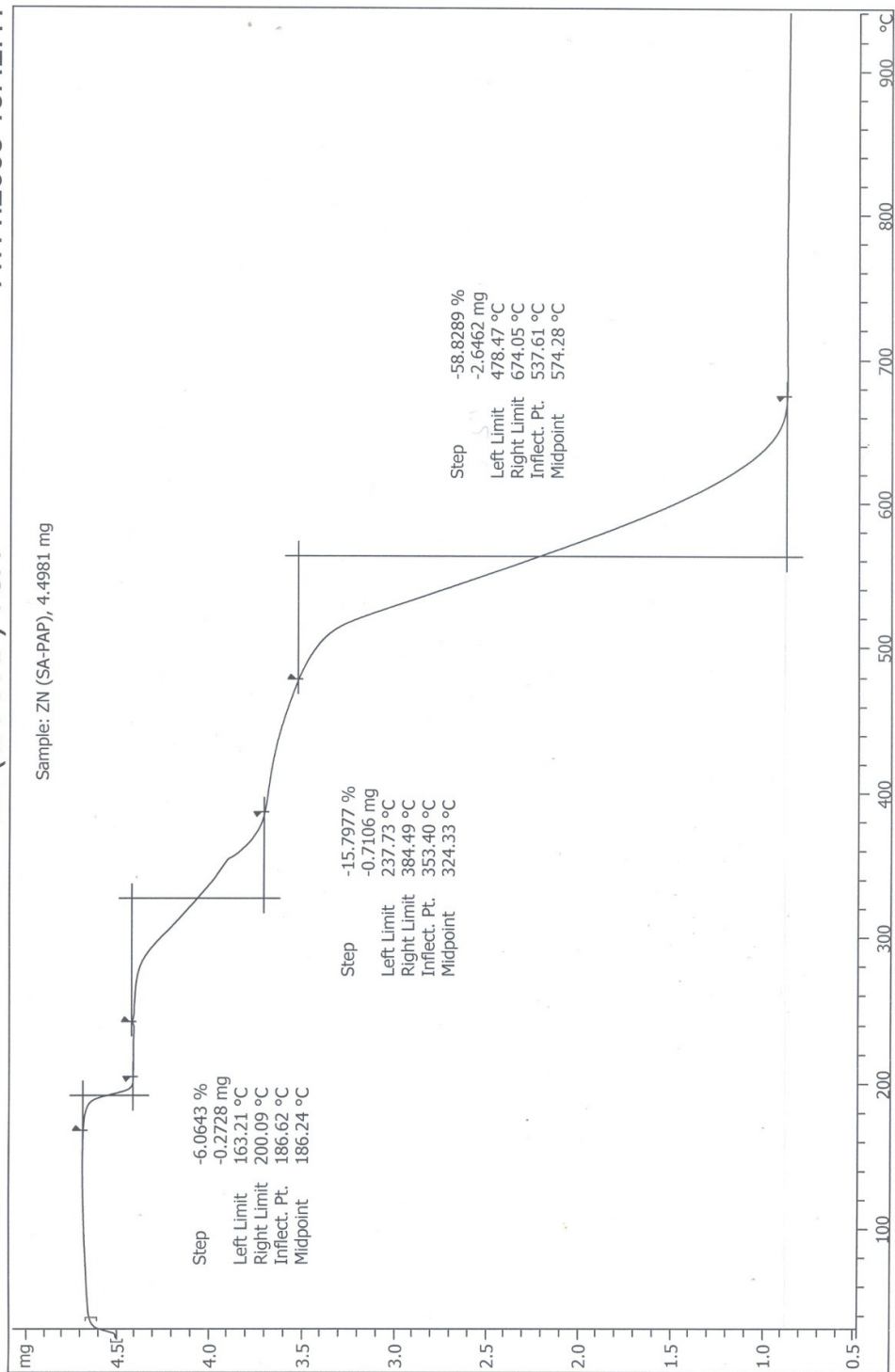


Figure S4. DTG of Zinc Complex (5Zn)

11.11.2008 13:42:41

ZN (SA=PAP) TGA



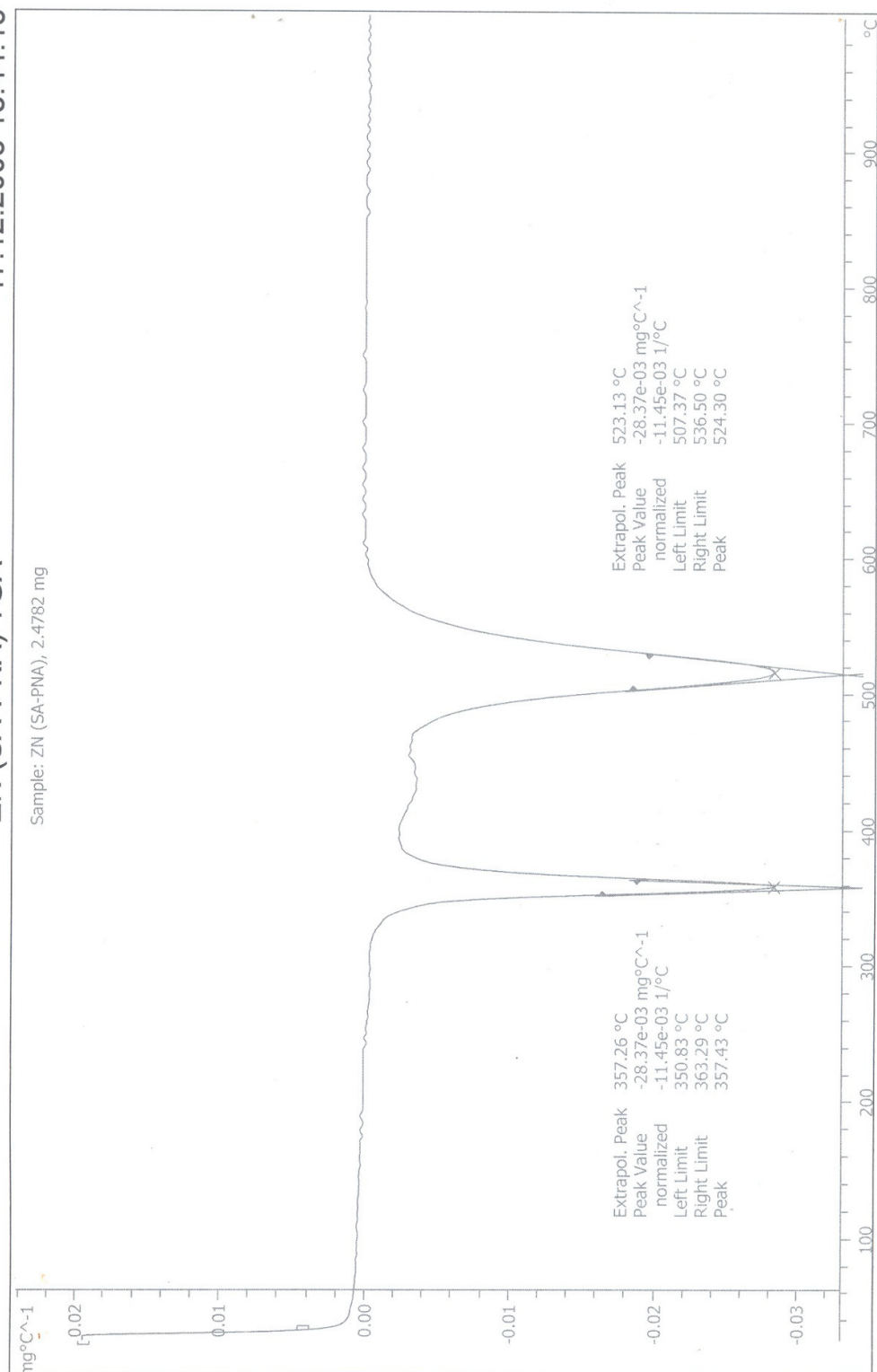
STAR<sup>e</sup> SW 9.01

TGA/DSC DEPTT OF CHEMISTRY Q.A.U: METTLER

Figure S5. TGA of Zinc Complex (5Zn)

# ZN (SA-PNA) TGA

17.12.2008 13:44:15



TGAIDSC DEPTT OF CHEMISTRY Q.A.U: METTLER

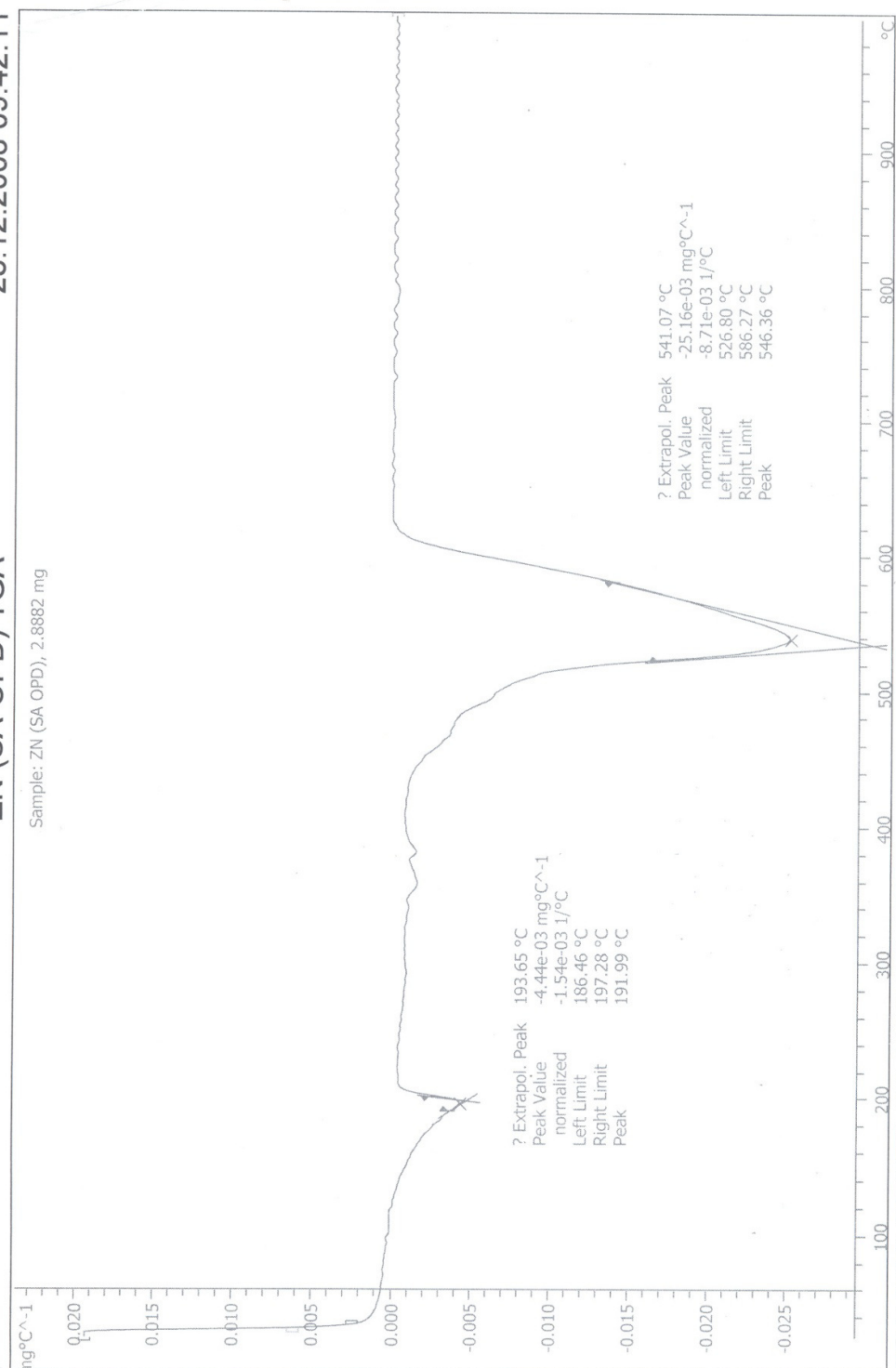
STAR<sup>e</sup> SW 9.01

Figure S6. DTG of Zinc Complex (4Zn)

23.12.2008 09:42:11

ZN (SA-OPD) TGA

Sample: ZN (SA OPD), 2.8882 mg



TGA/DSC DEPTT OF CHEMISTRY Q.A.U: METTLER

STAR<sup>e</sup> SW 9.01

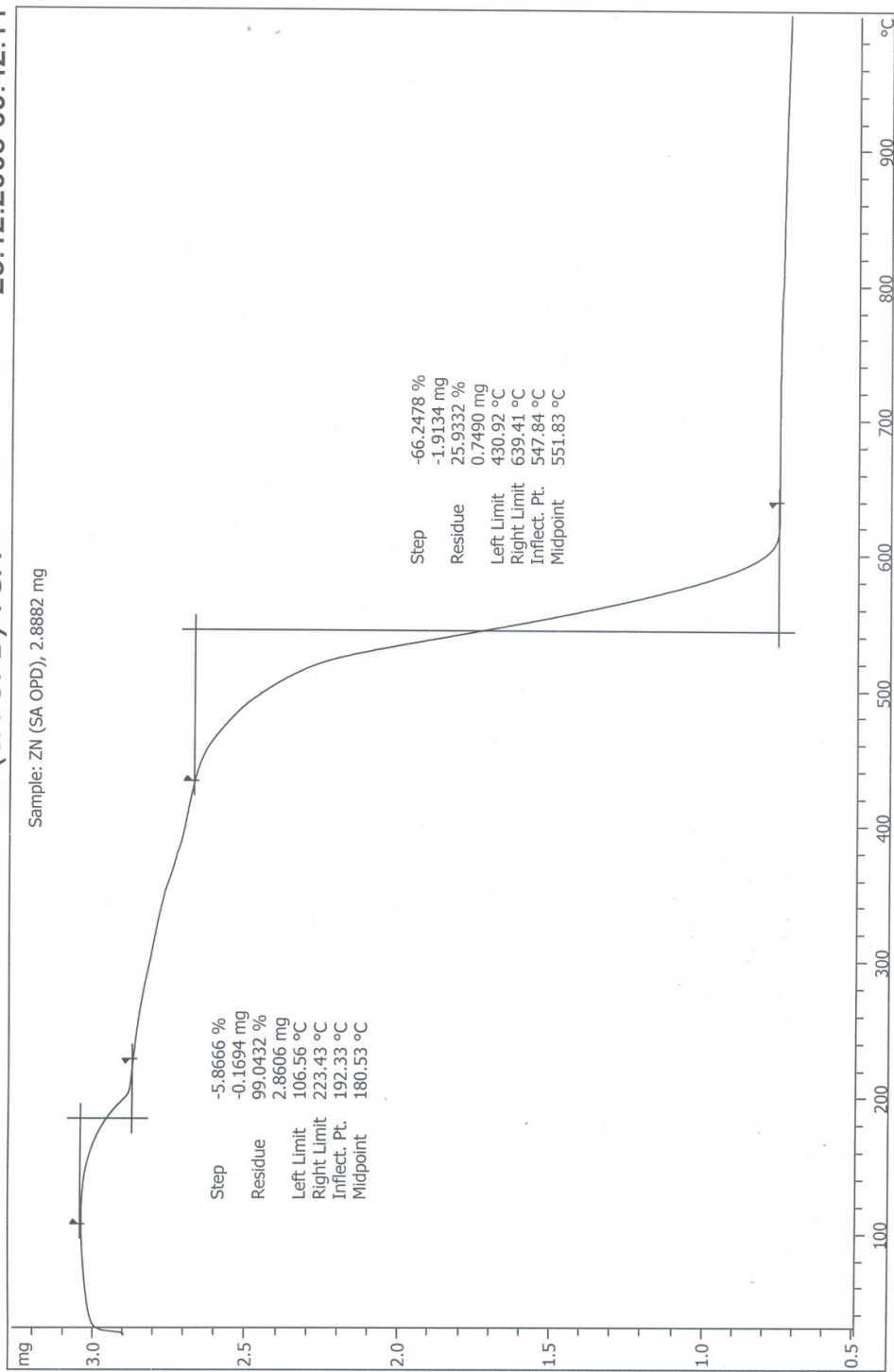
Figure S7. DTG of Zinc Complex (6Zn)



23.12.2008 09:42:11

ZN (SA-OPD) TGA

Sample: ZN (SA OPD), 2.8882 mg



STAR<sup>e</sup> SW 9.01

TGA/DSC DEPTT OF CHEMISTRY Q.A.U: METTLER

Figure S8. TGA of Zinc Complex (6Zn)

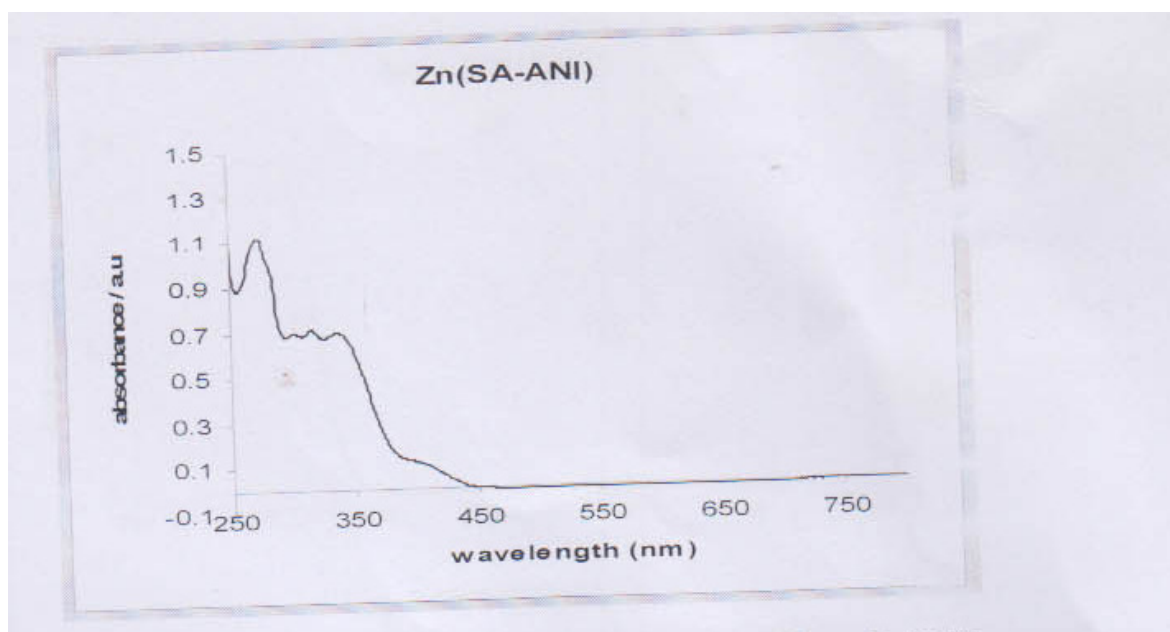


Figure S9. UV Visible Absorption Spectrum of Zinc Complex (1Zn)

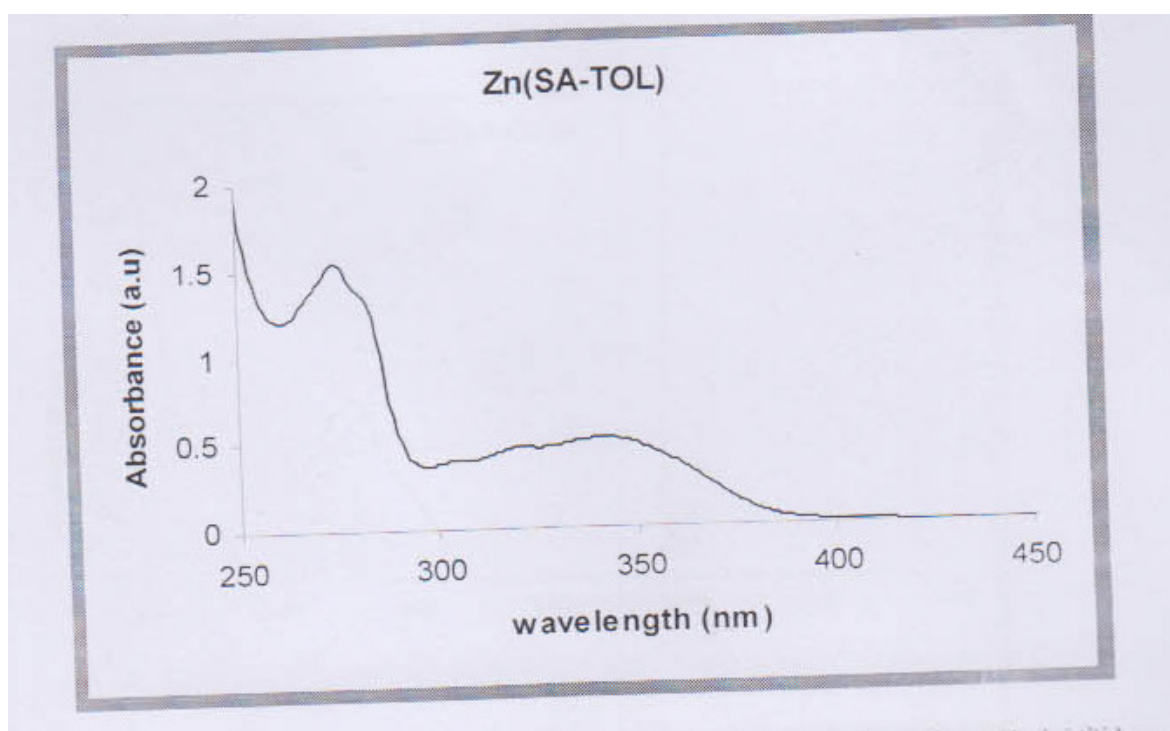


Figure S10. UV Visible Absorption Spectrum of Zinc Complex (2Zn)

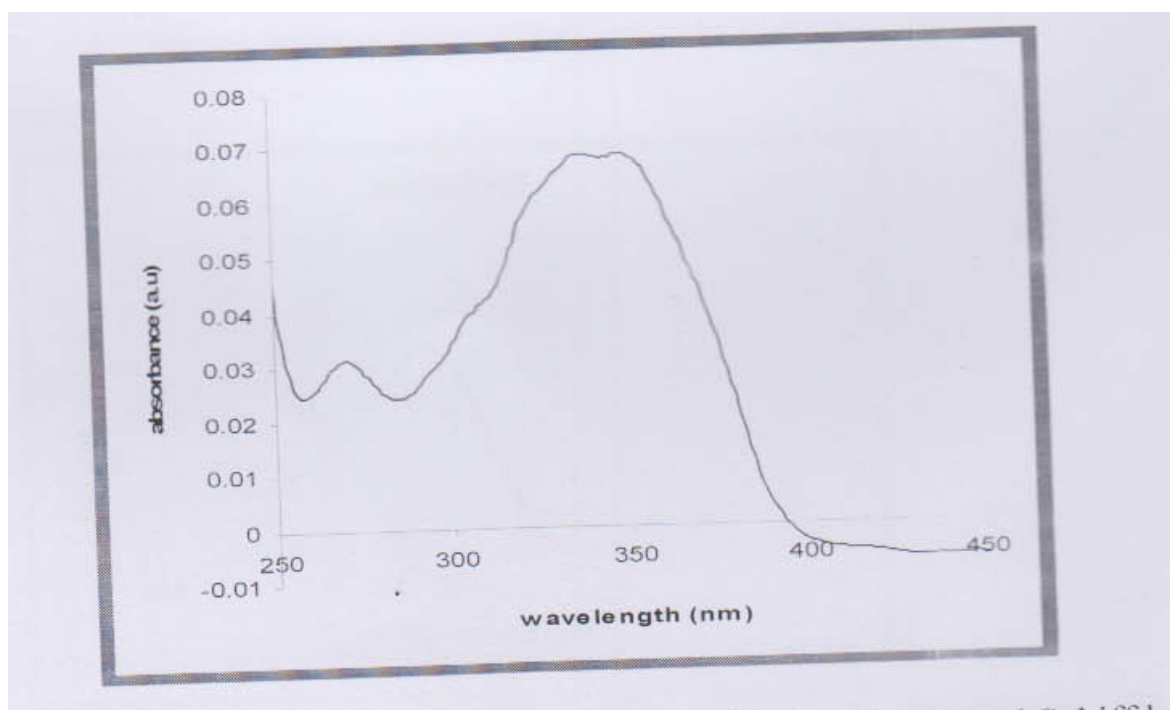


Figure S11. UV Visible Absorption Spectrum of Zinc Complex (3Zn)

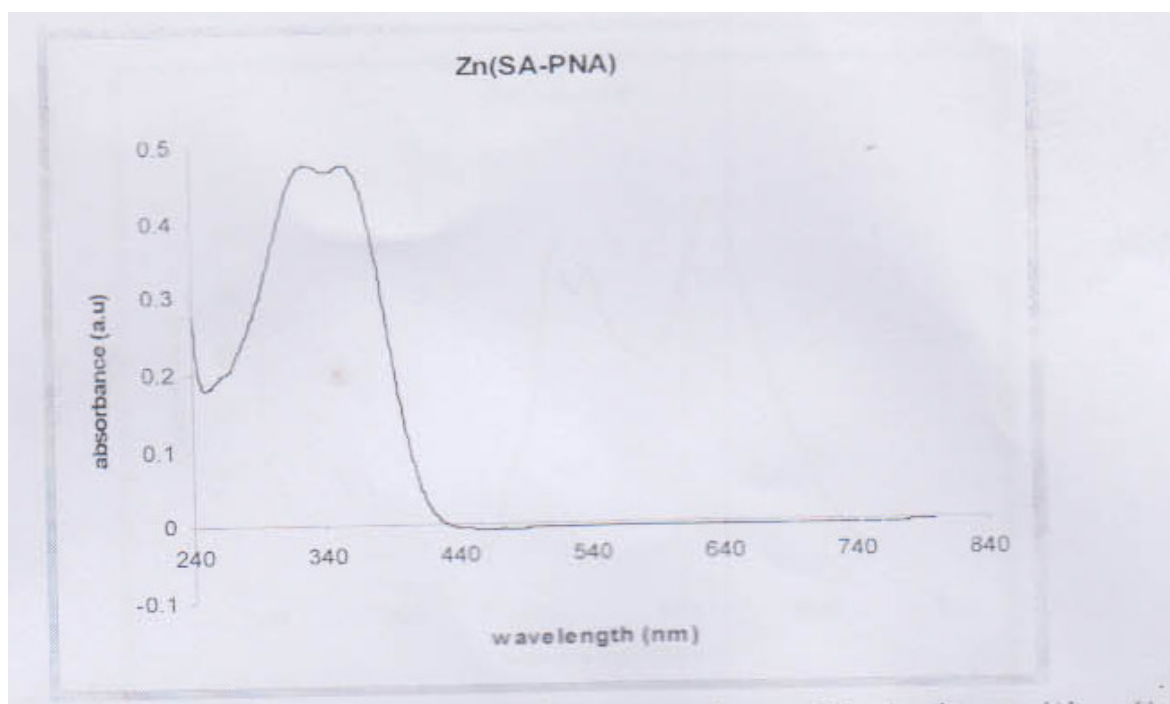


Figure S12. UV Visible Absorption Spectrum of Zinc Complex (4Zn)

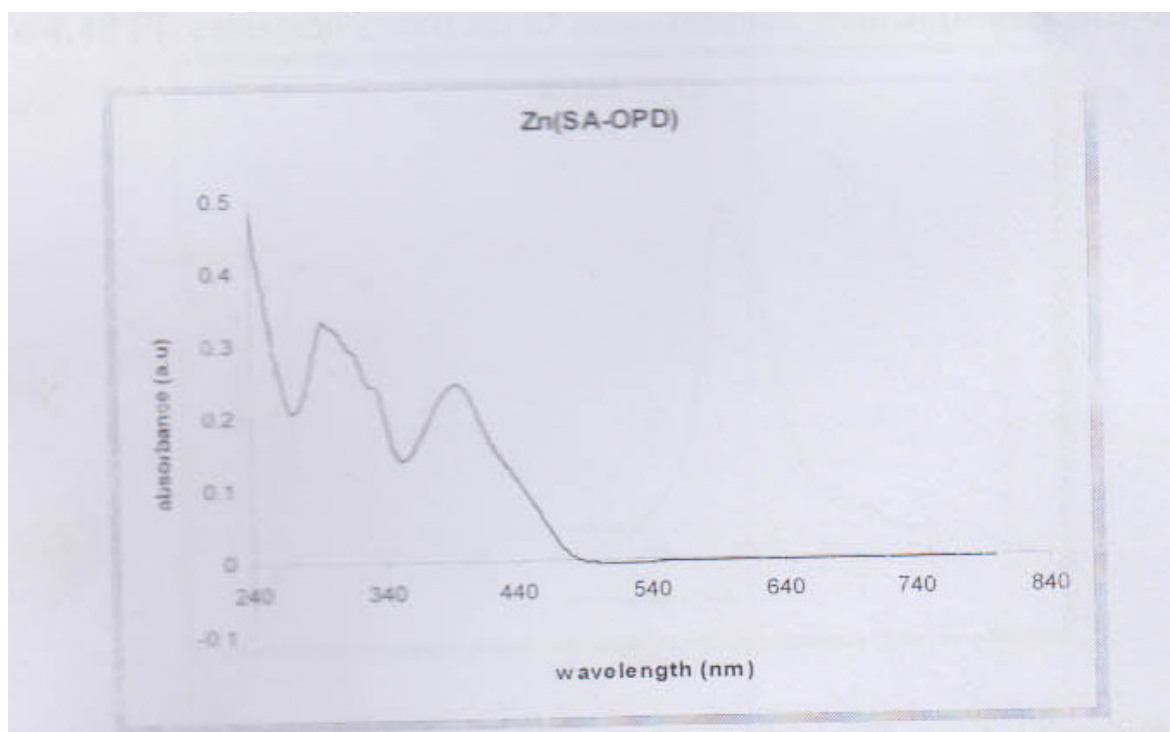


Figure S13. UV Visible Absorption Spectrum of Zinc Complex (6Zn)

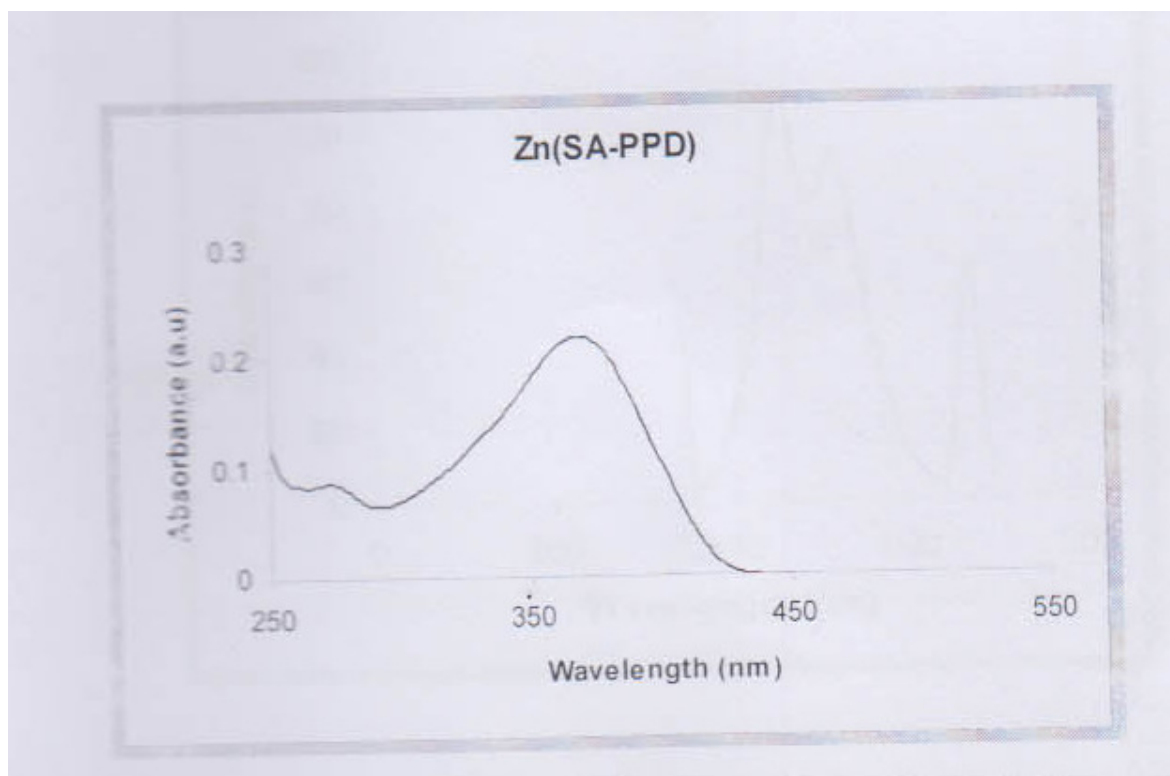
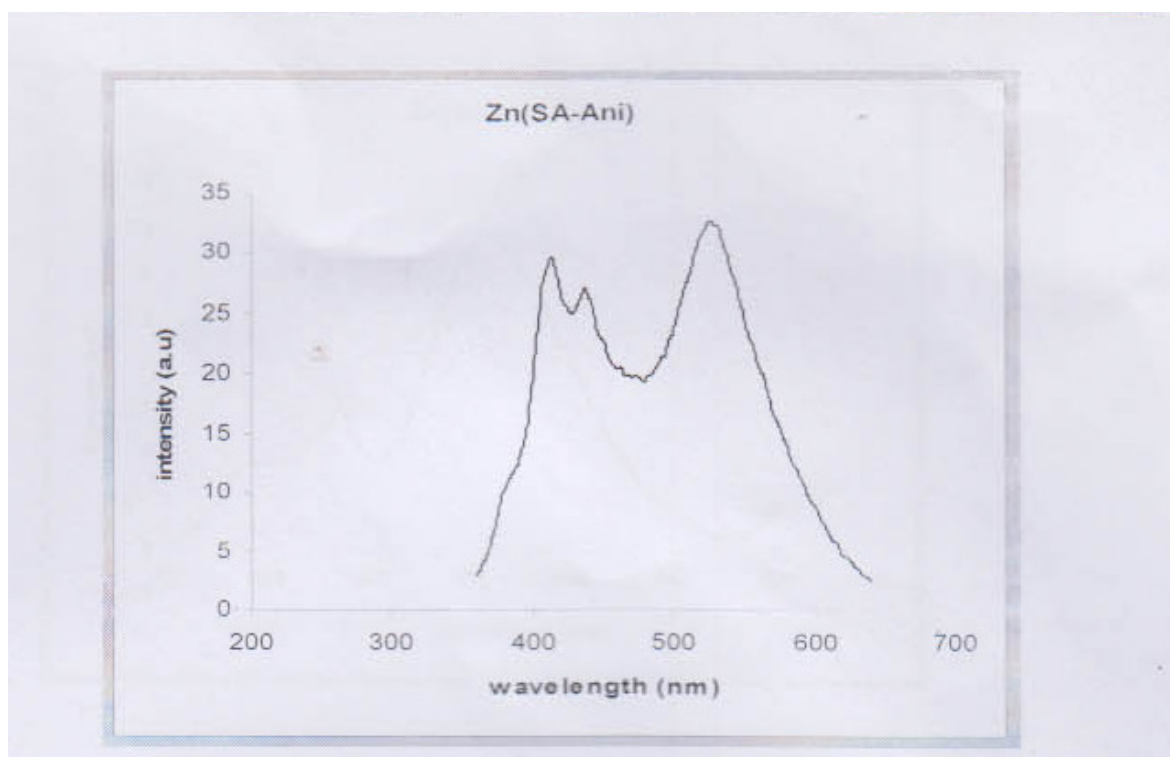
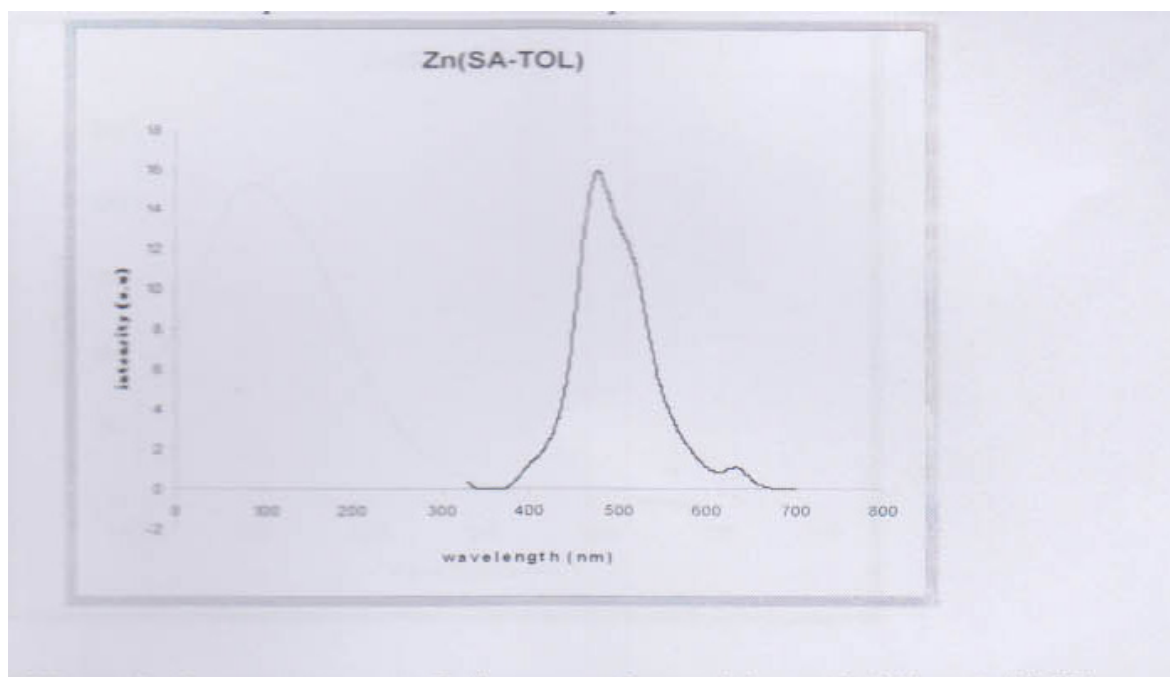


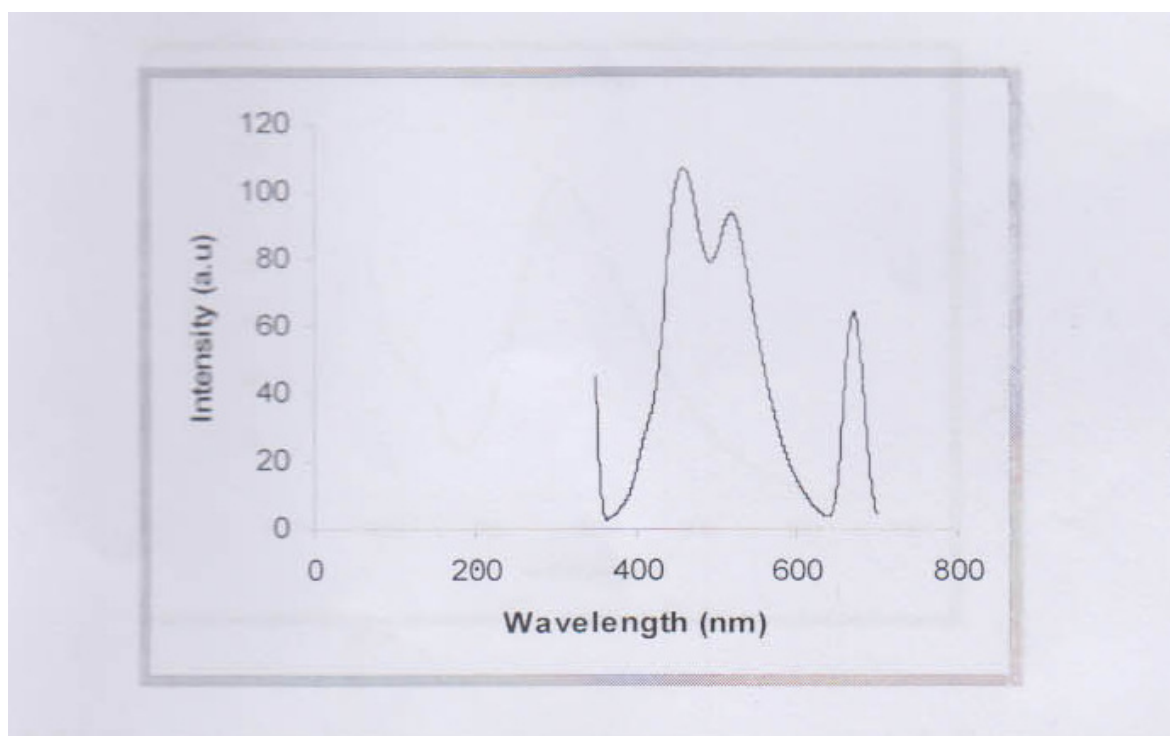
Figure S14. UV Visible Spectrum of Zinc Complex (5Zn)



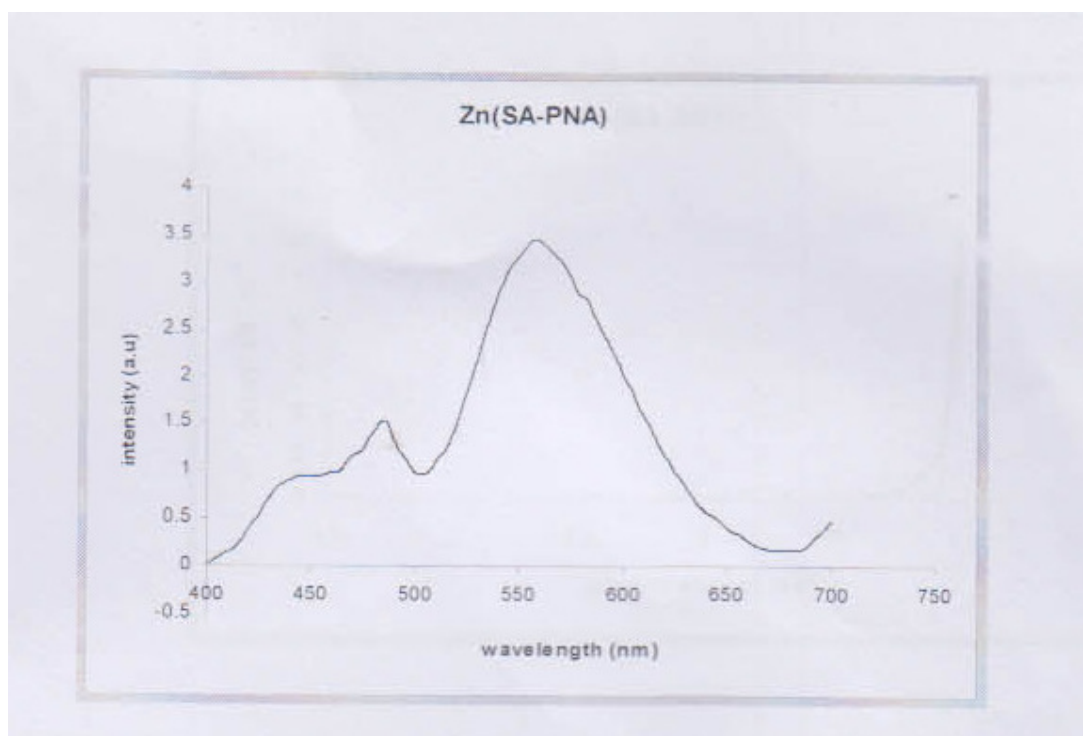
**Figure S15. PL Emission Spectrum of Zinc Complex (1Zn)**



**Figure S16 PL Emission Spectrum of Zinc Complex (2Zn)**



**Figure S17. PL Emission Spectrum of Zinc Complex (3Zn)**



**Figure S18. PL Emission Spectrum of Zinc Complex (4Zn)**



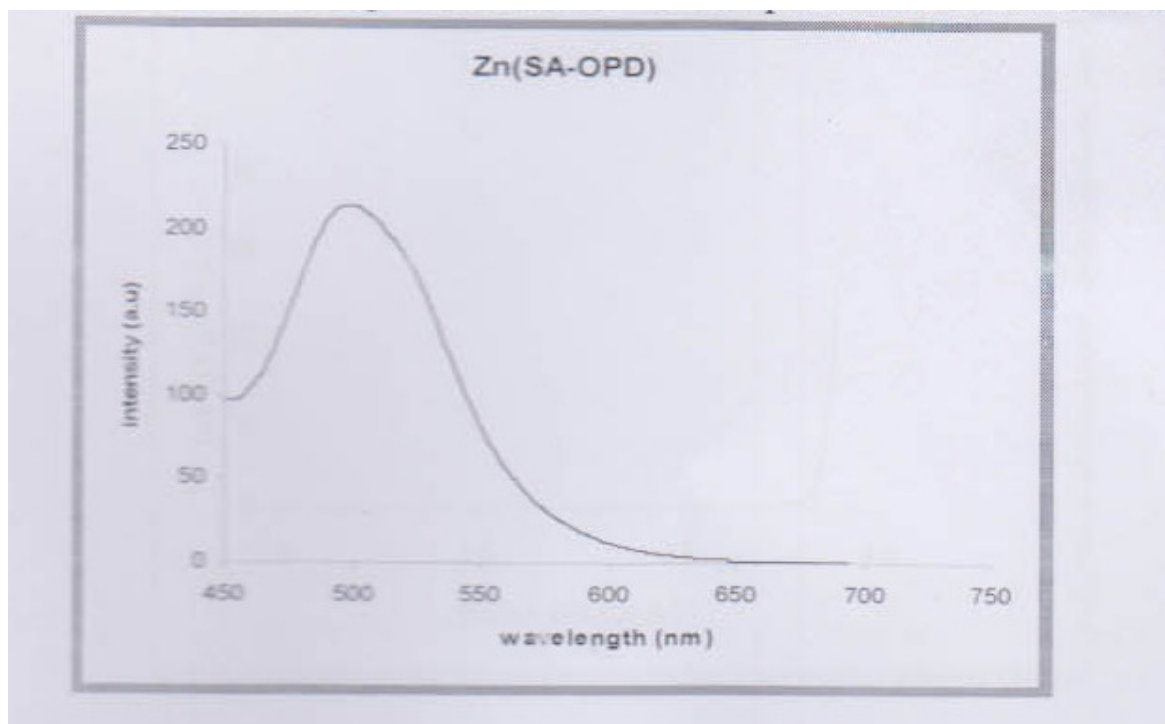


Figure S19. PL Emission Spectrum of Zinc Complex (6Zn)

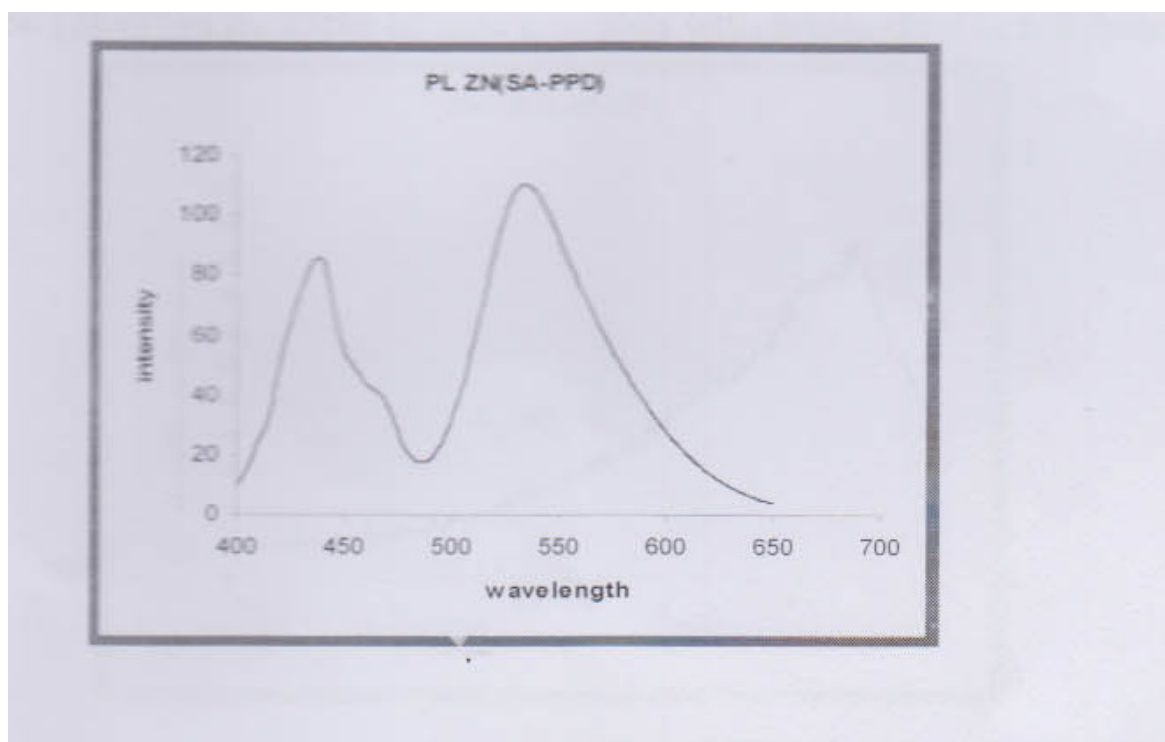


Figure S20. PL Emission Spectrum of Zinc Complex (5Zn)

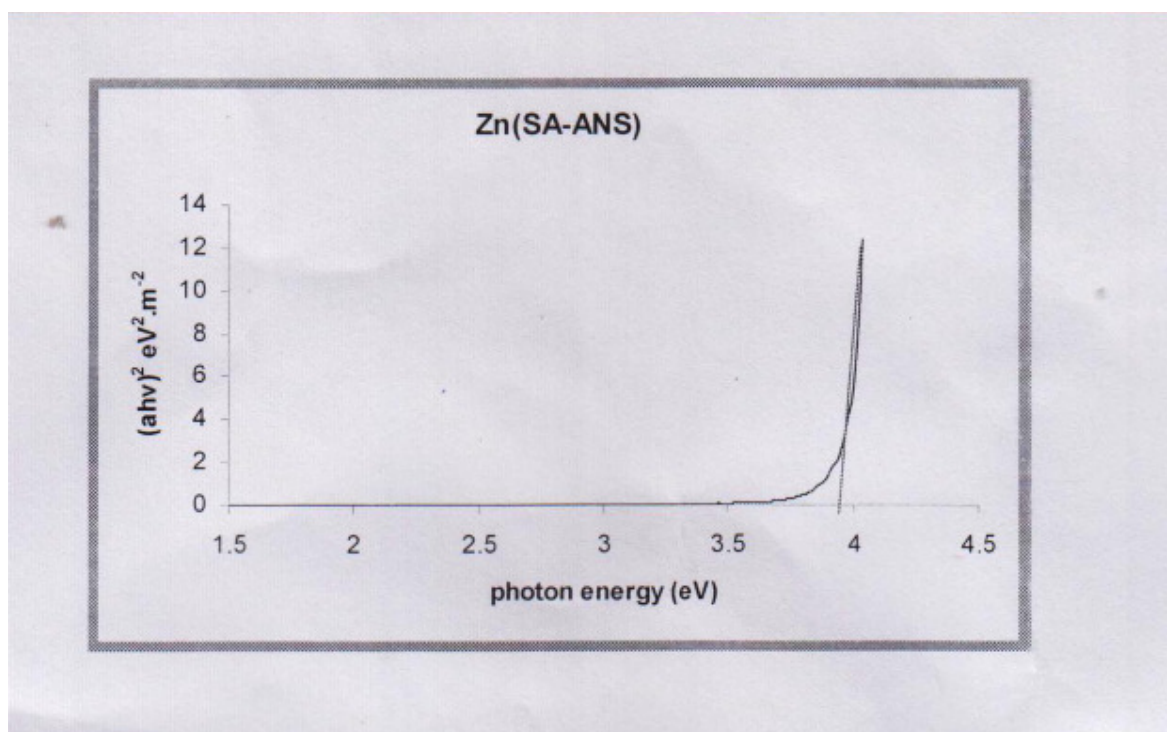


Figure S21.  $(ah\nu)^2$  vs  $h\nu$  curve of Zinc Complex (1Zn)

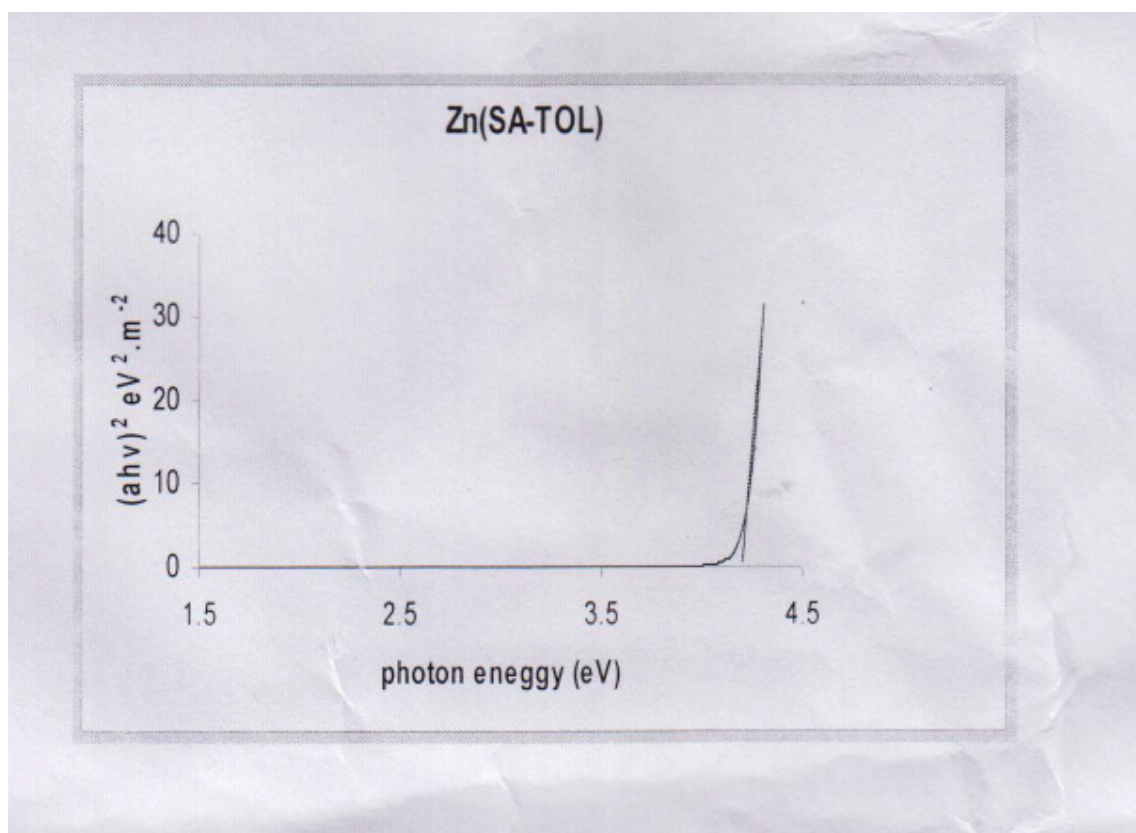


Figure S22.  $(ah\nu)^2$  vs  $h\nu$  curve of Zinc Complex (2Zn)



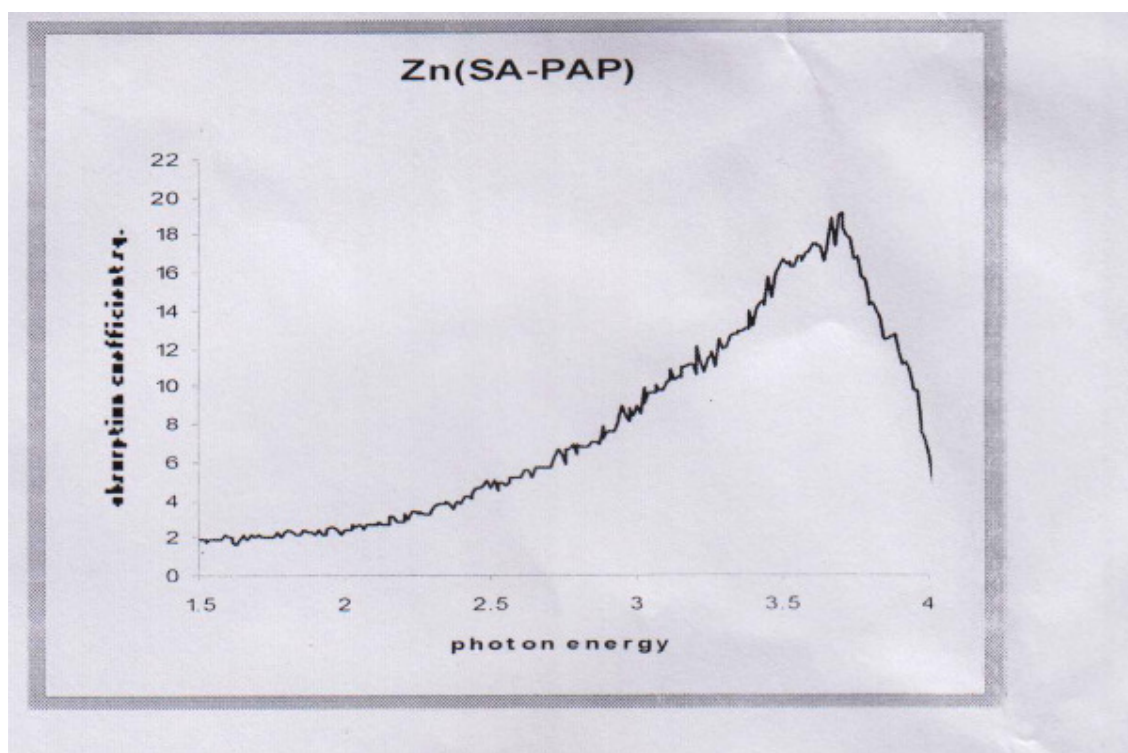


Figure S23.  $(ah\nu)^2$  vs  $h\nu$  curve of Zinc Complex (3Zn)

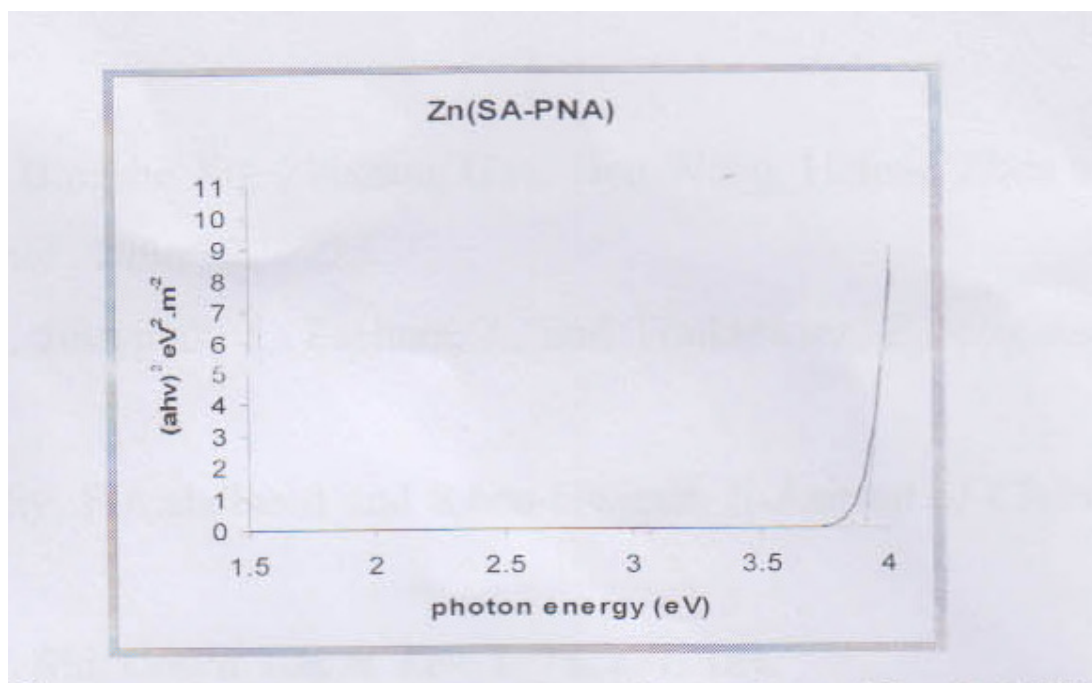


Figure S24..  $(ah\nu)^2$  vs  $h\nu$  curve of Zinc Complex (4Zn)

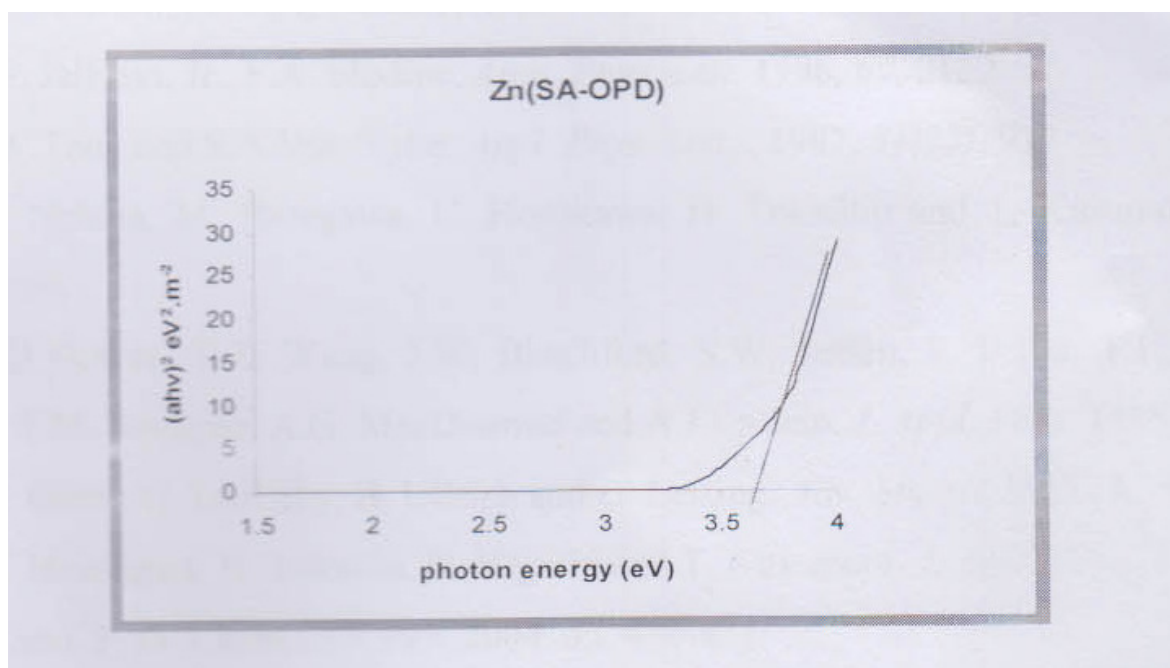


Figure S25.  $(ah\nu)^2$  vs  $h\nu$  curve of Zinc Complex (6Zn)