ABSTRACT

The world society depends on natural product on the bases of various reports. Thus Aim to investigate on six different natural product on four different solvents for extraction Methanol, Water, Chloroform, n-Hexane were extracted through Soxhlet apparatus tested at various concentrations (100mg/ml, 50mg/ml, and 25mg/ml) against three bacterial strains such as *Bacillus subtilis* (121), *Esc. coli* (118), *Staphylococcus epidermidis* (3615) also tested against three fungal strains such as *Candida glabreta* (1632), *Asper. flavus* (871), and *Candida albicans* (183) used for antifungal and anti bacterial method for ZI and MIC against various microorganisms. A total 4 extract belonging to 6 plants were investigated. Among the plants tested, *H. rosa sinensis*, *V. negundo L*, *S. lappa Costus* showed best antibacterial and antifungal activity on methanol extracts according to Zone of inhibition. Thus according to the result compared with the standard drug it was discussed that the extracted on Methanol, Chloroform, n-Hexane and Water. The Methanol showed the good Zone of inhibition (mm) for the treatment at various bacterial and fungal diseases. It means that the methanol extract showed the highest percentage yield must be near to the potency to the standard drug range If Zee Zee 23mm-26mm and 17mm-20mm with a fungal strain of bacterial test organisms against. The screening for extraction and evaluation of naturetic plants for anti-fungal and anti-bacterial activities for Minimum inhibitory concentration (µg/ml). Among the six plants used four different solvents at antimicrobial strains for antibacterial and antifungal activity it showed the best on *S. emarginatus*, *S. lappa Costus*, on n-hexane extract according to Minimum inhibitory concentration leaf it showed satisfactory result against various bacteria and fungi on n-hexane extract showed the highest Minimum inhibitory concentration (µg/ml) 15-18 (µg/ml) while minimum inhibitory concentration showed the lowest report then other remained crude extract Minimum Inhibitory concentration for antimicrobial activity. These results support the ethno medicinal claim for the treatment for bacterial and fungal causes of illnesses on methanol extract and on n-hexane extract at various plants.