

# Tin Complexes of 4-(Benzylideneamino)benzenesulfonamide: Synthesis, Structure Elucidation and Their Efficiency as PVC Photostabilizers

Hassan Ghani <sup>1</sup>, Emad Yousif <sup>1</sup>, Dina S. Ahmed <sup>2</sup>, Benson M. Kariuki <sup>3</sup> and Gamal A. El-Hiti <sup>4,\*</sup>

<sup>1</sup> Department of Chemistry, College of Science, Al-Nahrain University, Baghdad 64021, Iraq; st.hassan.ghani@nahrainuniv.edu.iq (H.G.); emad.yousif@nahrainuniv.edu.iq (E.Y.)

<sup>2</sup> Department of Medical Instrumentation Engineering, Al-Mansour University College, Baghdad 64021, Iraq; dina.saadi@muc.edu.iq

<sup>3</sup> School of Chemistry, Cardiff University, Main Building, Park Place, Cardiff CF10 3AT, UK; kariukib@cardiff.ac.uk

<sup>4</sup> Department of Optometry, College of Applied Medical Sciences, King Saud University, P.O. Box 10219, Riyadh 11433, Saudi Arabia

\* Correspondence: gelhiti@ksu.edu.sa; Tel.: +966-11469-3778; Fax: +966-11469-3536

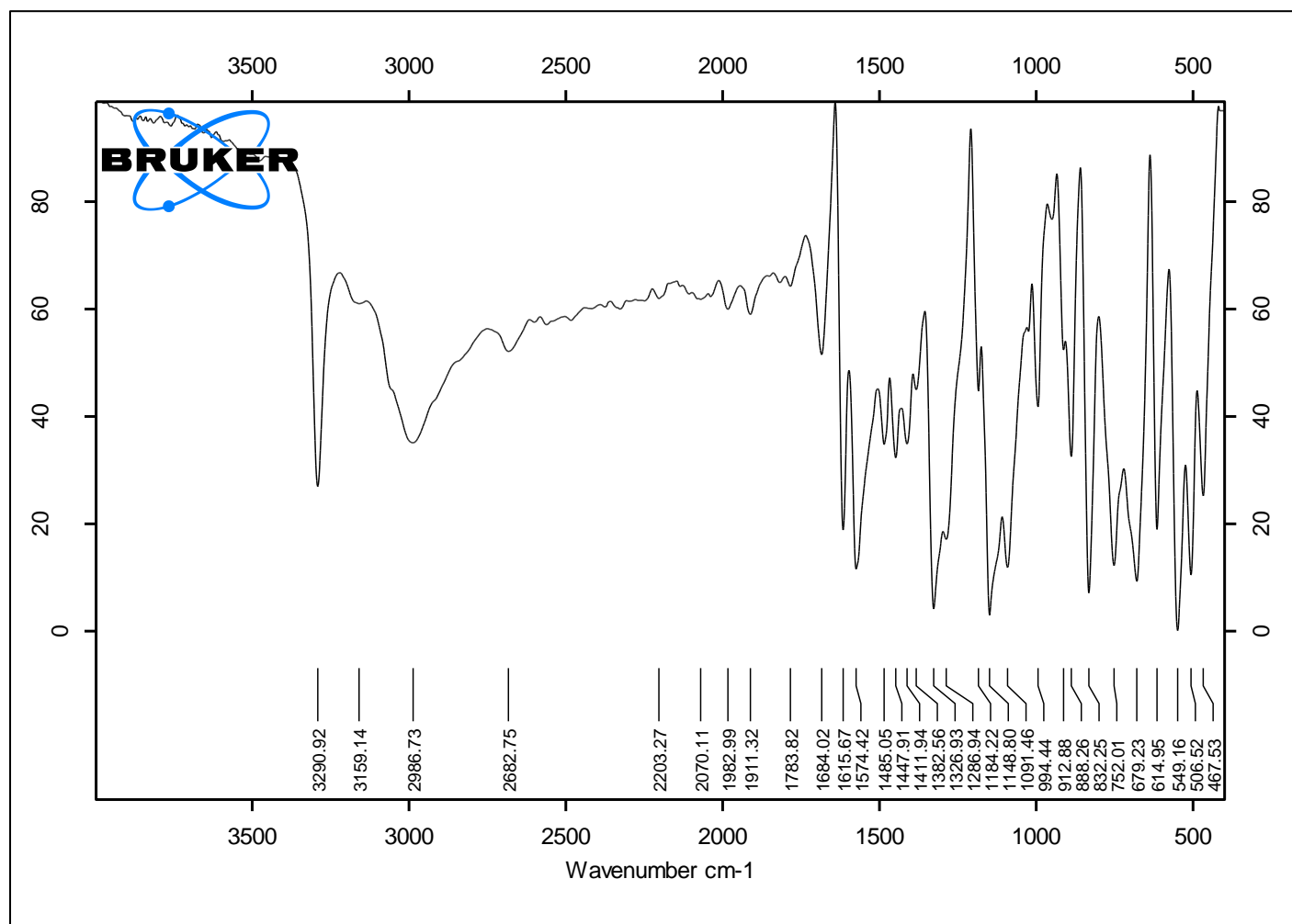


Figure S1. FTIR spectrum of 4-(benzylideneamino)benzenesulfonamide.

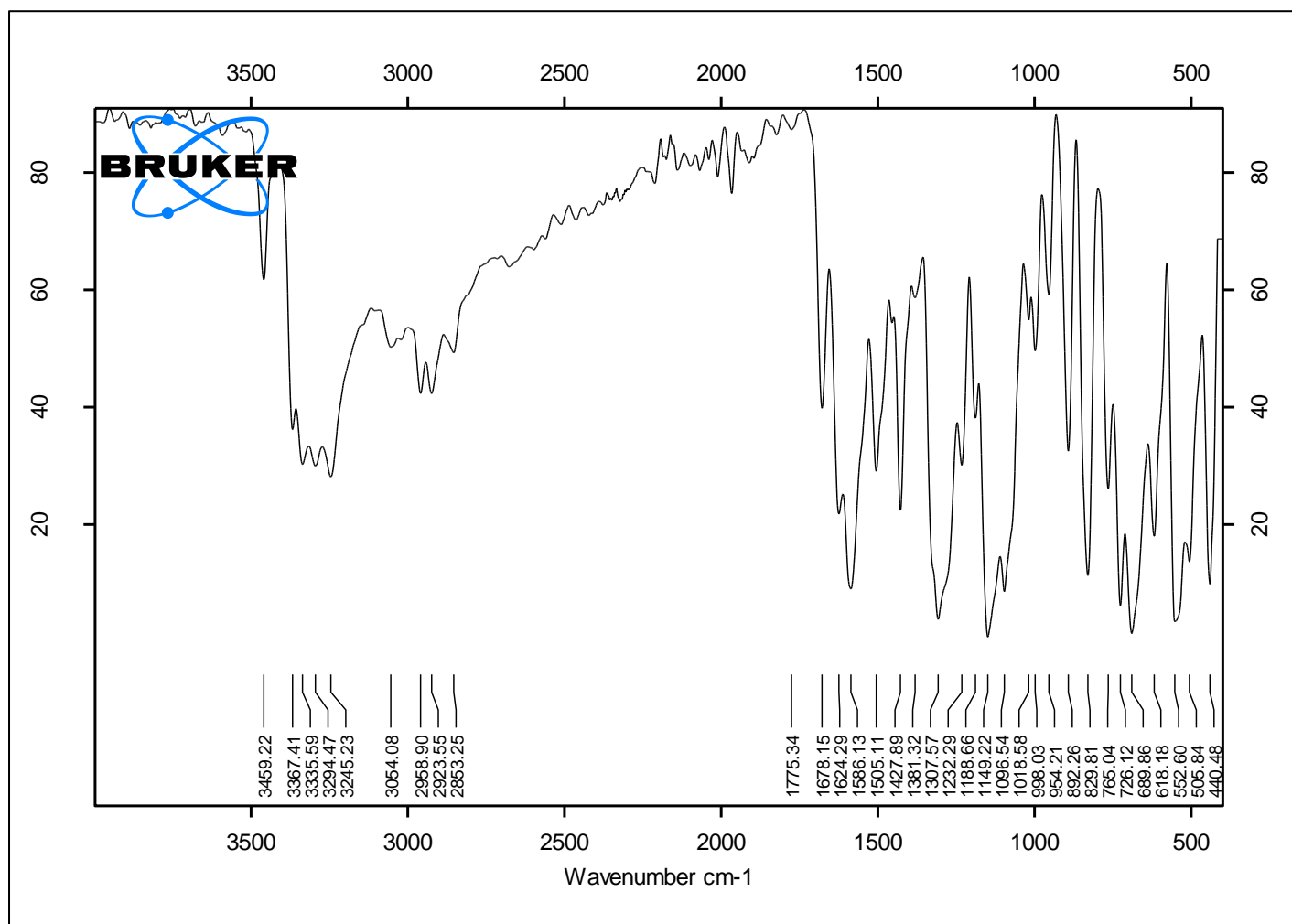


Figure S2. FTIR spectrum of organotin complex 1.

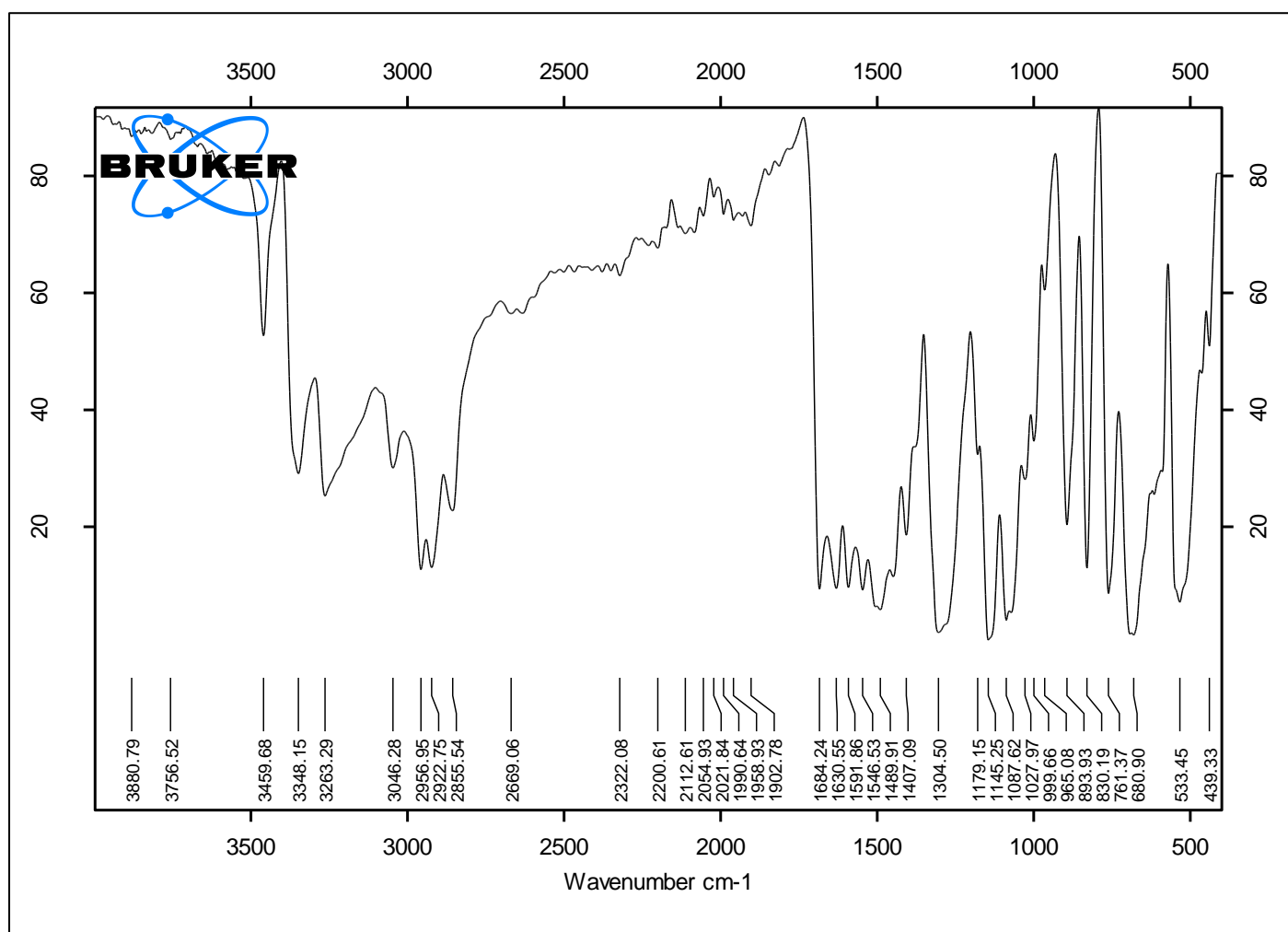


Figure S3. FTIR spectrum of organotin complex 2.

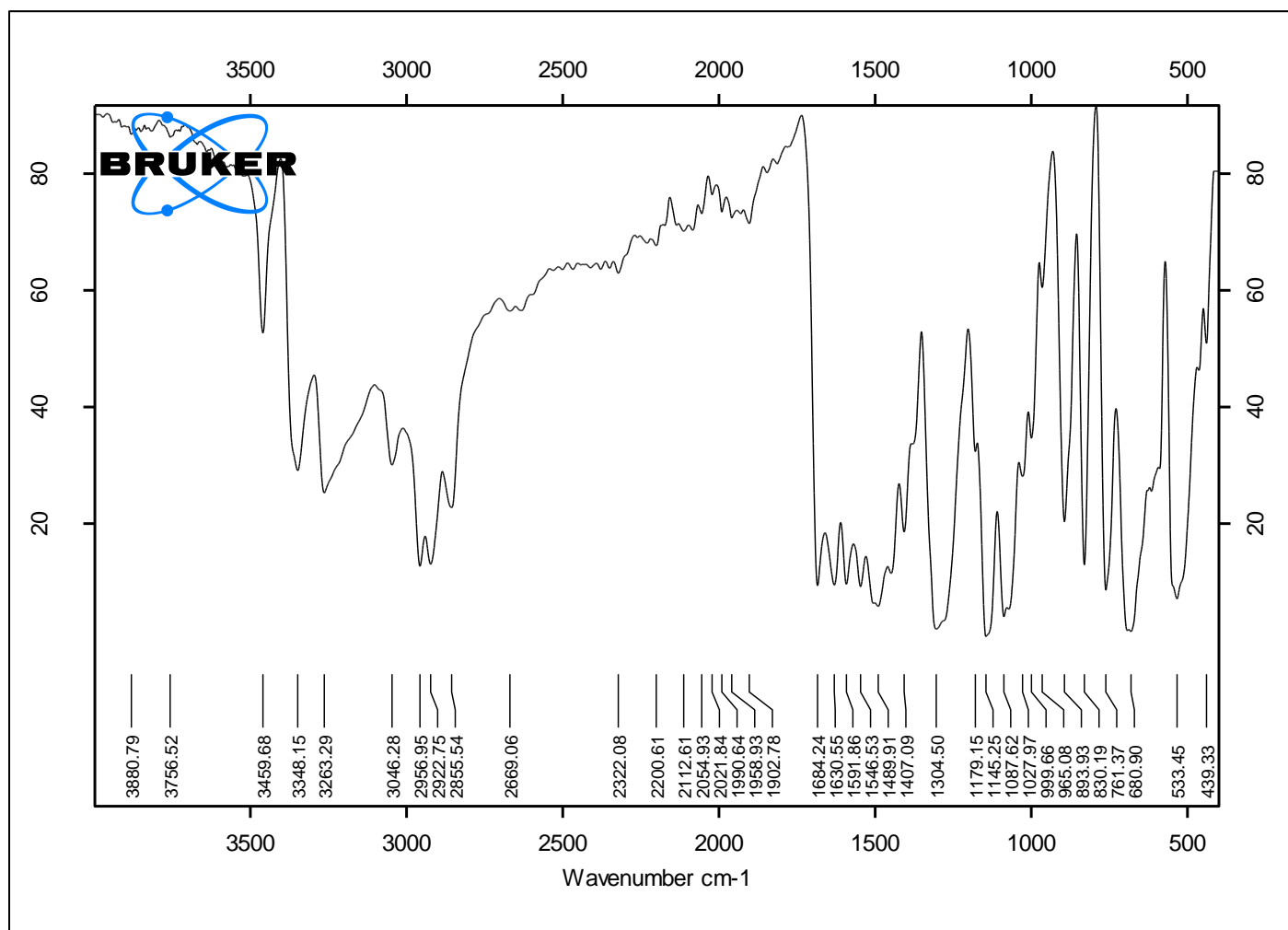


Figure S4. FTIR spectrum of organotin complex 3.

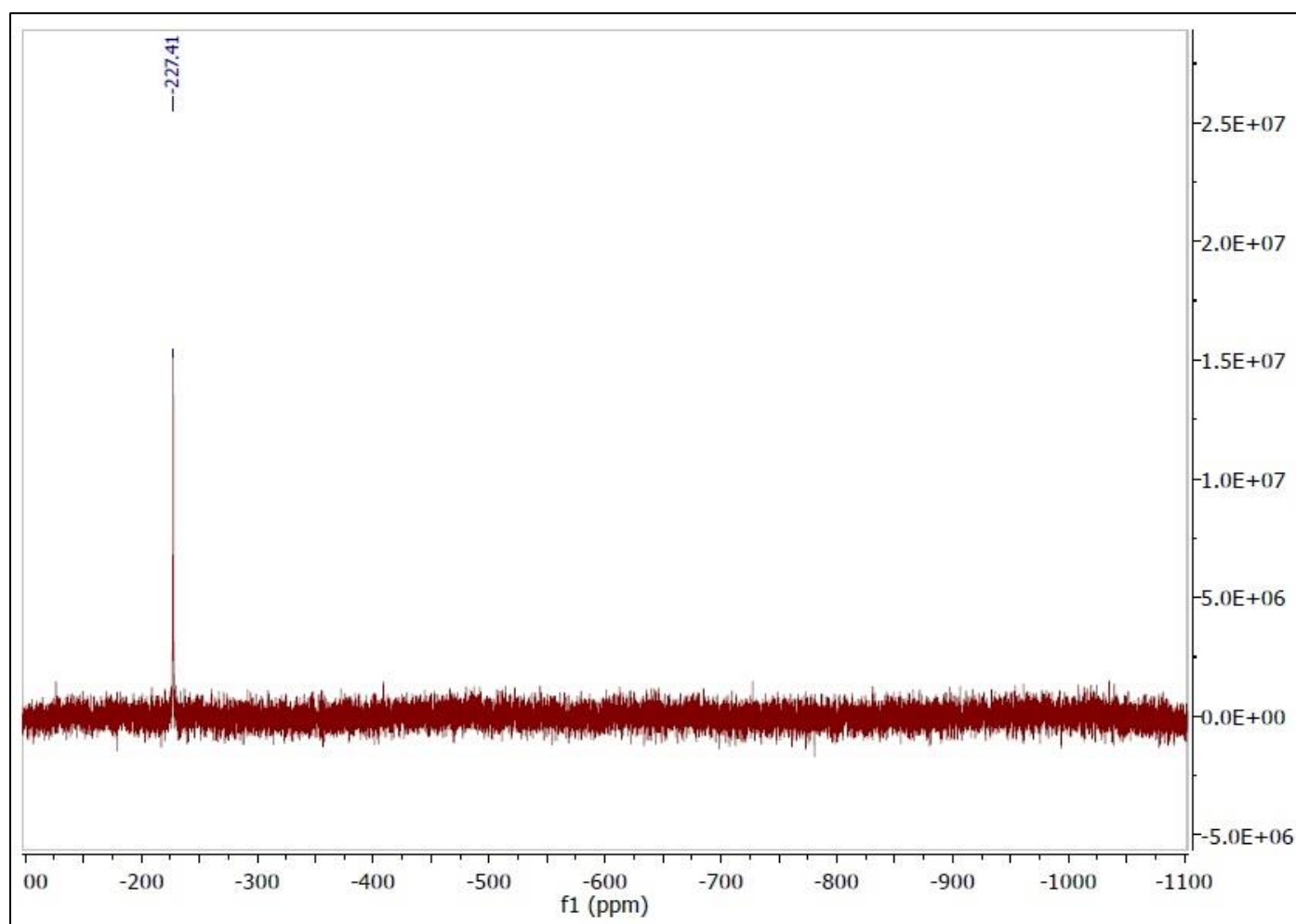


Figure S5.  $^{119}\text{Sn}$  spectrum of organotin complex 1.

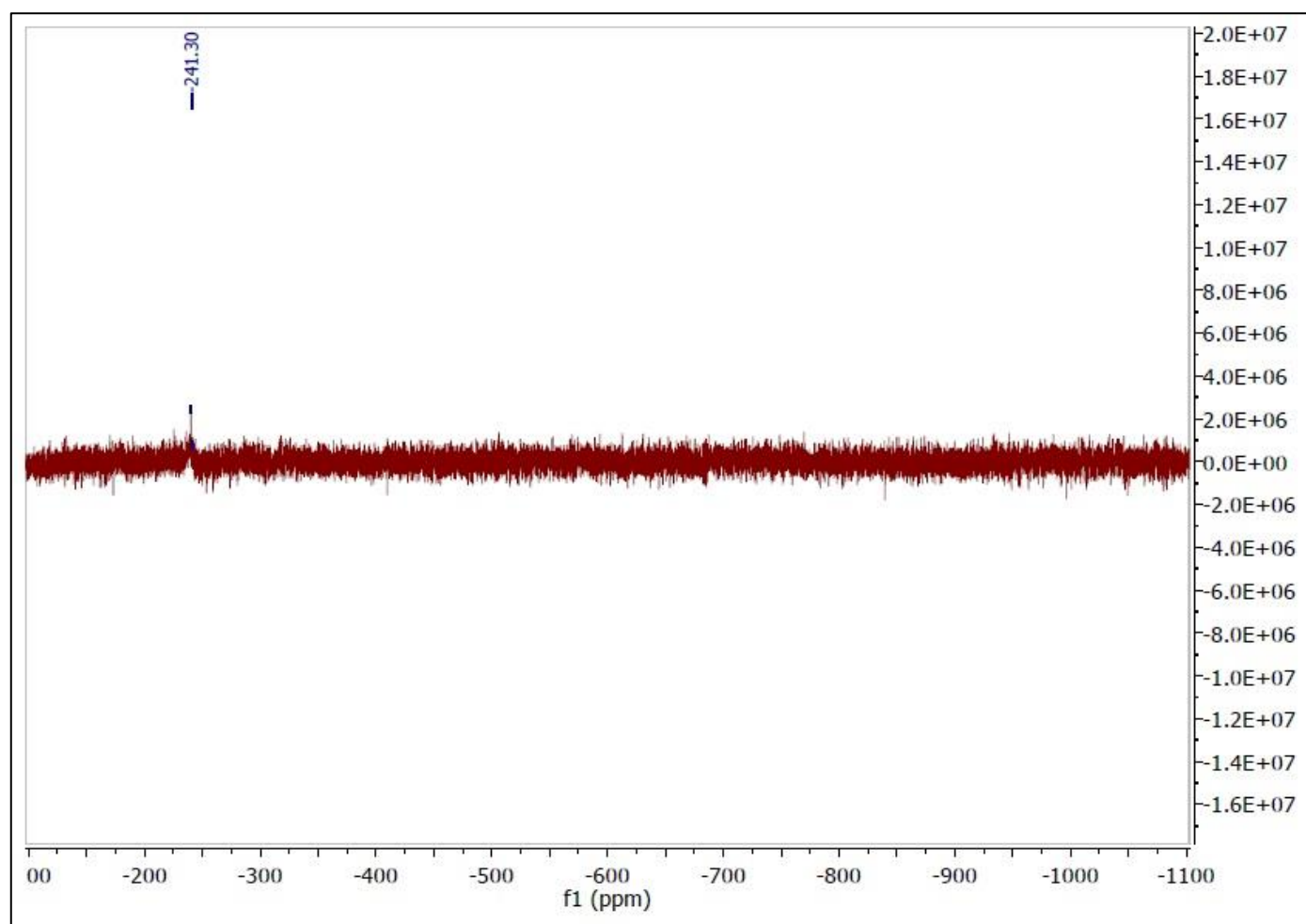


Figure S6.  $^{119}\text{Sn}$  spectrum of organotin complex 2.

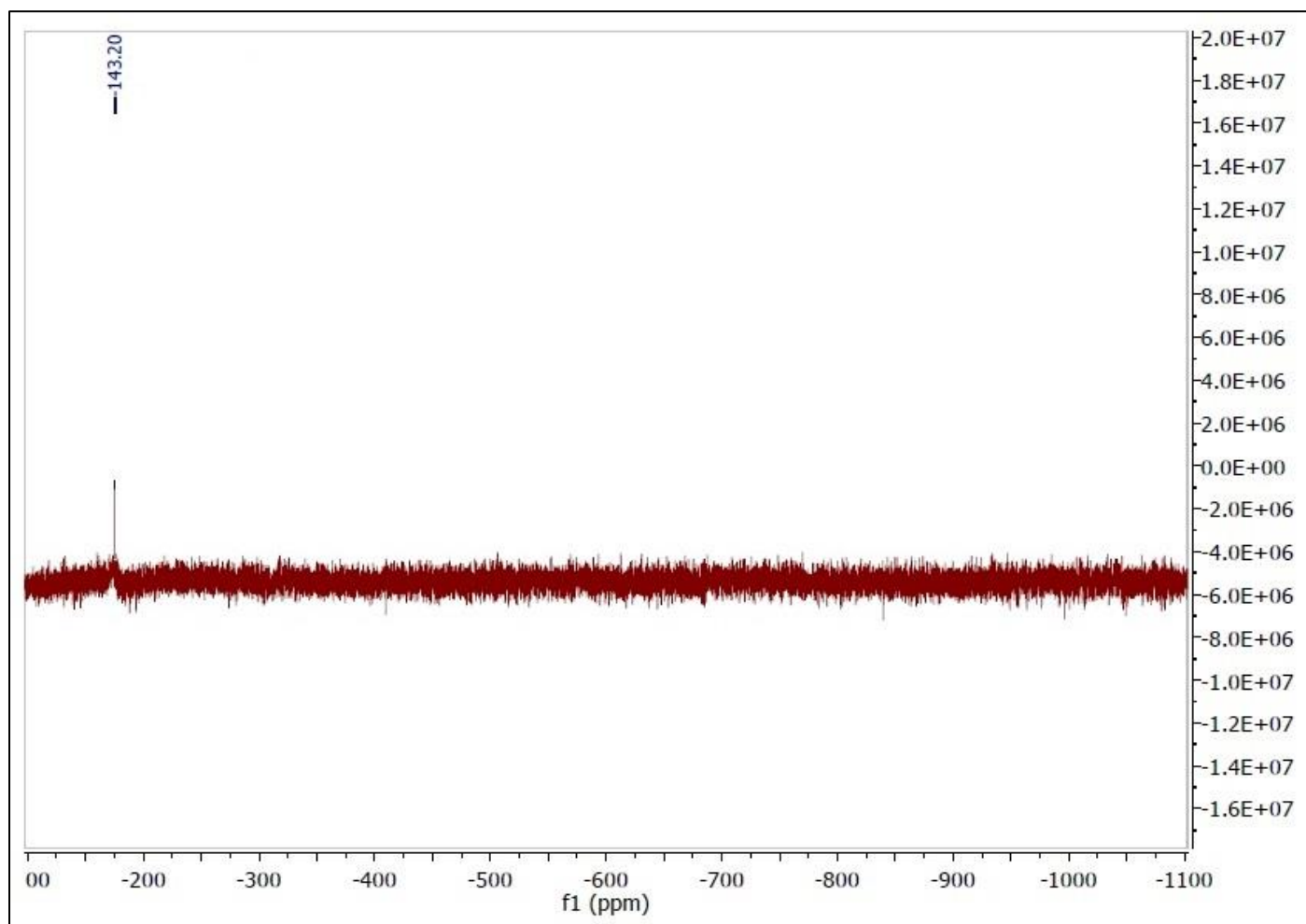


Figure S7.  $^{119}\text{Sn}$  spectrum of organotin complex 3.

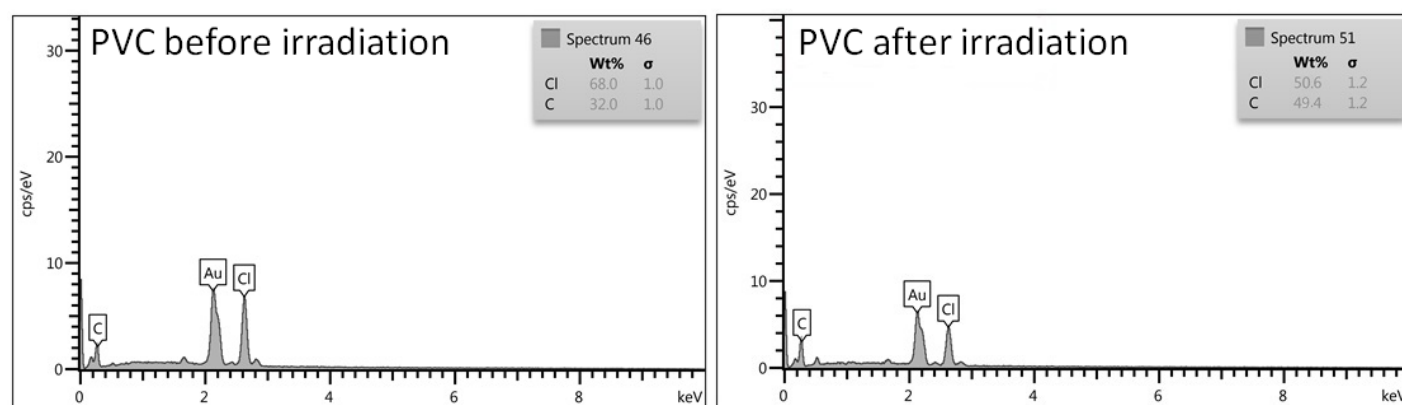


Figure S8. EDX mapping of PVC before and after irradiation.

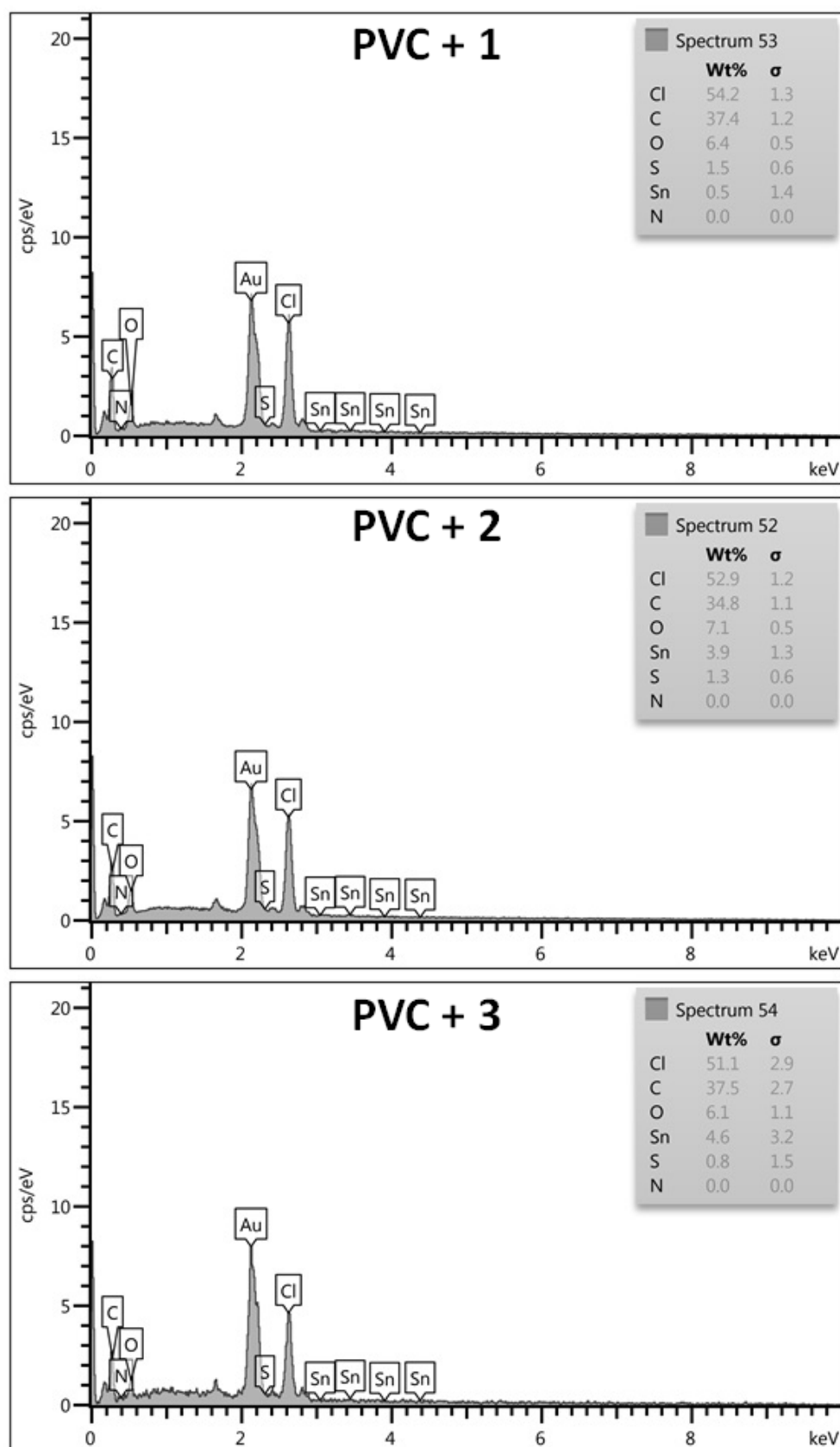


Figure S9. EDX mapping of PVC films after irradiation.