## R20a ALCHEMI survey: a comprehensive extragalactic spectra scan in an archetypal starburst galaxy NGC 253

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ALCHEMI, ALMA Comprehensive High-resolution Molecular Inventory, is one of ALMA Large Programs in Cycle 5. We cover the central molecular zone of a starburst galaxy NGC 253 (850 pc  $\times$  350 pc) in most of the frequency range of 85-375 GHz. The center of NGC 253 hosts star formation with the rate of  $2M_{\odot}$  yr<sup>-1</sup>, which makes its interstellar medium property different from more quiescent galactic centers. Our data show rich chemical complexity, unprecedented in external galaxies. First, we will present an overview of the program by presenting observational settings, the details of the data products that we are able to provide to the community, and the spectra with high line densities. Second, we will introduce some early results of individual science projects. Our results show higher effects of UV radiation or cosmic rays due to the high star formation rate, higher temperature and density. We will also show isotopic ratios as an indicator of stellar processes, and detections of complex organic molecules.