

Resource Summary Report

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University of South Carolina Mass Spectrometry Core Facility

RRID:SCR_027213

Type: Tool

Proper Citation

University of South Carolina Mass Spectrometry Core Facility (RRID:SCR_027213)

Resource Information

URL:

https://sc.edu/study/colleges_schools/chemistry_and_biochemistry/research/core_facilites/mass_sp

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Description: Core provides services for EI and CI spectra including high and low resolution analyses available; for GC-MS including positive ion and negative chemical ionization, with high resolution and MS/MS available for high sensitivity work; Electrospray and APCI including low resolution or accurate mass analysis of purified compounds by direct infusion or loop injection analysis; MS/MS available for structural analysis; LC-MS including electrospray and APCI ionization available. Separation by narrowbore or capillary HPLC. MS/MS available for quantitation, peptide microsequencing and protein identification, etc.; MALDI-TOF/TOF including analysis of polymers and biomolecules; ICP-MS including trace elemental detection with high resolution. User training available for students and researchers who will be using the instrumentation for extended projects.

Synonyms: USC Mass Spectrometry Core

Resource Type: access service resource, service resource, core facility

Keywords: positive ion and negative chemical ionization, mass analysis of purified compounds, structural analysis, electrospray and APCI ionization, narrowbore or capillary HPLC,

Resource Name: University of South Carolina Mass Spectrometry Core Facility

Resource ID: SCR_027213

Alternate IDs: ABRF_4054

Alternate URLs: https://coremarketplace.org/RRID:SCR_027213/?citation=1

Record Creation Time: 20250718T053820+0000

Record Last Update: 20260729T044704+0000

Ratings and Alerts

No rating or validation information has been found for University of South Carolina Mass Spectrometry Core Facility.

No alerts have been found for University of South Carolina Mass Spectrometry Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.