On-campus Rates as of March 1, 2002

SCANNED DATA

Basic rate per 0.5 hour of instrument time, GC/MS*, LC/MS* or probe, and data reduction. Additional fees might be assessed for special samples.**

$40 EI, FAB, API
$45 CI

Basic rate per 0.5 hour of instrument time, GC/MS*, LC/MS* or probe, and data reduction. Additional fees might be assessed for special samples.**

$40 EI, FAB, API
$45 CI

Chemical derivation for GC/MS, such as trimethylsilylation or permethylation; rate depends on procedure.

Negotiable

Accurate mass analysis

ACCURATE MASS DATA

Accurate mass analysis - EI and CI probe (Price per sample)

$40 EI, FAB, API
$45 CI

*** GC/MS samples are based on half hour time blocks with a one-block minimum.**
**** Prices reflect costs of specialty gases where used.**
Notes:

1.Measurements made using a Finnigan MAT 95 (EI, CI, FAB), Micromass Quattro II (API), ThermoFinnigan LCQ-Classic (API) or Hewlett Packard MSD (GC/MS) mass spectrometer.

2.Low-resolution scanned mass spectra are normally required prior to accurate mass measurements in order to establish peak intensities, sample purity and other parameters.

3.The Micromass Quattro II and the ThermoFinnigan LCQ-Classic API instruments can each be used with the Waters Alliance 2690 Separations Module (LC) for loop injection of LC/MS using a column. The Alliance 2690 uses a built in auto sampler for sample introduction. Vials and vial inserts (for small amounts of sample) are available from a variety of vendors at a low cost. The researchers are expected to provide their own columns and solvents. It is not feasible for this facility to stock the wide variety of column types used in the research. The also allows for the best similarity of chromatographic results with work done in the researcher's lab.

The Hewlett-Packard Mass Selective Detector (MSD) has an auto sampler that can accommodate up to 100 samples. This is good for batch work and can be fully automated through the DOS Chemstation software. Vials for the auto sampler are also available from several vendors.

4. One time block is figured to be 30 minutes and includes the amount of time needed for sample preparation, data acquisition and data analysis. Work is billed with a one time block minimum. Long analyses (GC/MS, LC/MS) will be adjusted at the discretion of the Mass Spectrometry Facility Manager to account for this time excess.

5.Prices are subject to change without notice.