PSU BioAnalytical Mass Spectral Facility Registration Sheet

Department of Chemistry, Room 469, Science & Research Teaching Center
For questions e-mail: chem-ms@pdx.edu or telephone: 503.725.8733

Instrument training, user-operated instrument time or sample analysis by facility personnel should be requested through submission of registration sheet. For individuals that intend to analyze their own samples, a training session MUST be completed prior to instrument use.

Please submit completed form by email to chem-ms@pdx.edu at least 24-hrs prior to sample analysis. For LC-MS/MS availability see online scheduler (http://www.pdx.edu/chem/lcms).

Date analysis;	Analysis requested by;
Phone;	Email;
PI/Advisor;	Department;
Index #;	Fiscal authority name/phone #; (external users/if applicable)

Type MS analysis required: (*ie exact mass for formula determination, +/-LC, positive/negative mode, MS or MS/MS, ESI/APCI probe)*

Analyte name, structure(s) & remarks (*ie explosive, volatile, toxicity, storage etc*):

Molecular Weight:_____
Molecular Formula: C____H____O____N____ _____

Samples for analysis by facility optimally submitted in approved vials/solvents *Approved vials & solvents available through facility, mix of high-purity MeOH:H_2O suggested.*
Samples to be prepared at 10μM (10 pmol/μl) @MW100-1ng/μl @MW10-100ng/μl

Description of solvent mix that samples are submitted in:

Concentration/amount injected or infused: (*NOTE*: ***Never exceed injection of 50pmoles/ 5ng***)

Origin of sample:
(*ie from plasma, urine, e. coli etc*) and preparation (*Centrifuged, filtered, etc*):

HPLC requirements:
Users who perform their own LC-MS/MS analysis need to provide a column and the facility will make up solvents/buffers ***(indicate mL required).*** *If solvents are* ***other than*** *methanol, acetonitrile or water inquire. If volatile buffers are anything* ***other than*** *ammonium acetate/formate <20 mM, ammonium hydroxide <1%, acetic acid< 1%, formic <0.5%, TFA <0.1% inquire.*

Total hours instrument used:

#vials/#inserts used: