

**DEPARTMENT OF MEDICINAL CHEMISTRY
MASS SPECTROMETRY CENTER - INSTRUMENTATION**

**Agilent Technologies LC/MSD Series 1100 -
Quadrupole Mass Spectrometer (QMS)**

Manufacturer: Agilent Technologies, Palo Alto, CA
Mass range: 3000 Dalton
Resolution: Unit mass
API Interface: Orthogonal Spray Ionization Source
Ionization (\pm eV): Electrospray (ES) &
Atmospheric Pressure Chemical Ionization (APCI)
Inlet Systems:
Liquid Chromatograph (LC):
Agilent Technologies Series 1100 binary solvent delivery
Series 1100 UV-Vis Diode Array Detector (DAD)
(Agilent Technologies, Palo Alto, CA)
Sampling System: Agilent Technologies 1100 Series Autosampler
Data System:
Hardware: Dell XPS Pentium II 400MHz CPU, 128Mbyte RAM
Software: Microsoft Windows NT 4.0, LC/MSD ChemStation 8.0
Acquisition Date: 1999
Funding: Mass Spectrometry Center
Predominant Uses: Fully automated quantitative analyses.