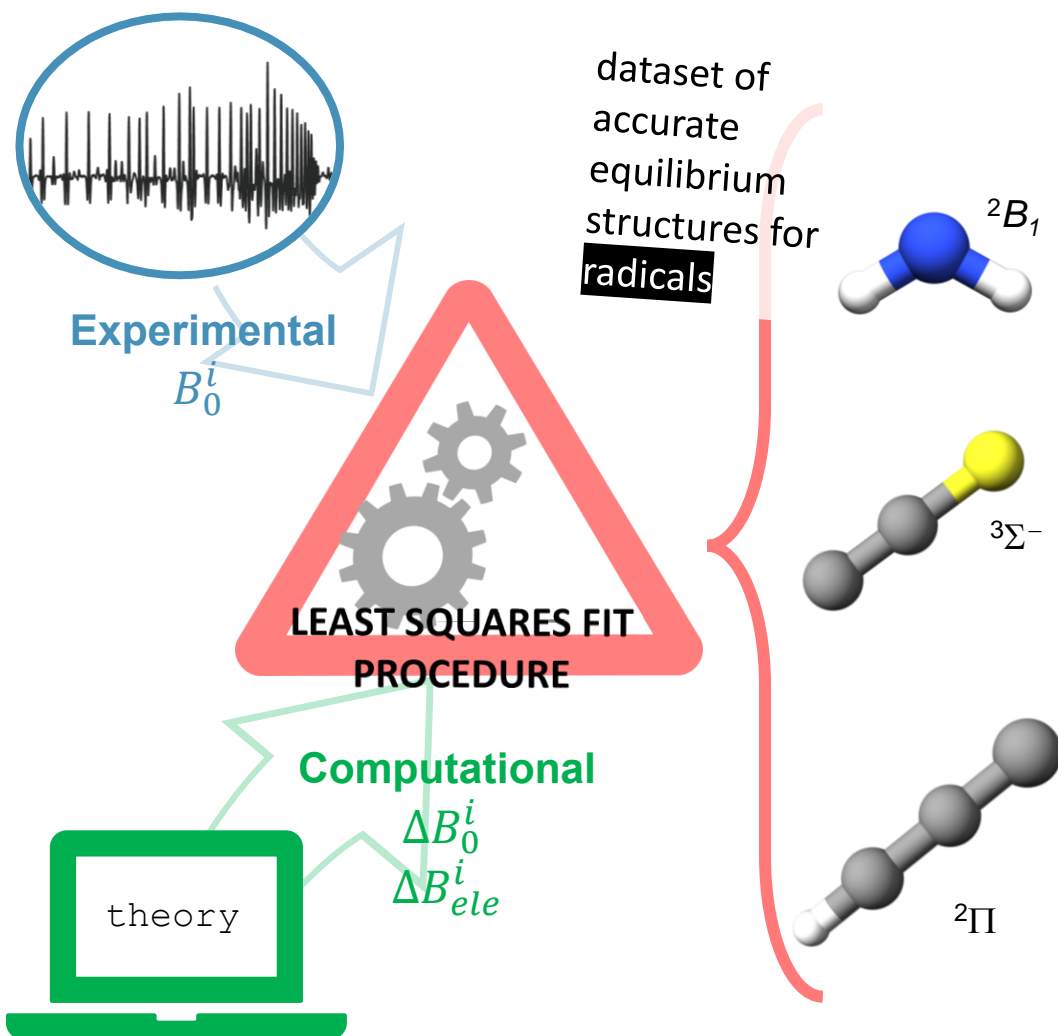


# P5357: THE EQUILIBRIUM STRUCTURE OF SMALL RADICALS: THE SEMI-EXPERIMENTAL APPROACH AT WORK

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	$r_{e\_in}$	$r_0$	$r_{\text{semi-exp-vib}}$	$r_{\text{semi-exp-elec}}$
$r_{\text{NH}}$ $\vartheta_{\text{HNH}}$ $\sigma$	1.0269 102.24	1.02431(6) 103.296(8) $5 \times 10^{-6}$	1.02416(4) 103.090(6) $2 \times 10^{-6}$	1.023618(2) 103.1488(3) $5 \times 10^{-9}$
$r_{\text{CC}}$	1.3213	1.3110(9)	1.31345(4)	1.31349(2)
$r_{\text{CS}}$	1.5767	1.5668(7)	1.56388(3)	1.56379(2)
S		$2.7 \times 10^{-5}$	$4 \times 10^{-8}$	$1 \times 10^{-8}$
$r_{\text{C1H}}$	1.0637	1.0163(8)	0.9410(6)	0.9410(6)
$r_{\text{C1C2}}$	1.2440	1.255(2)	1.270(1)	1.270(1)
$r_{\text{C2C3}}$	1.3312	1.327(2)	1.310(1)	1.310(1)
S		0.20	0.12	0.11

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