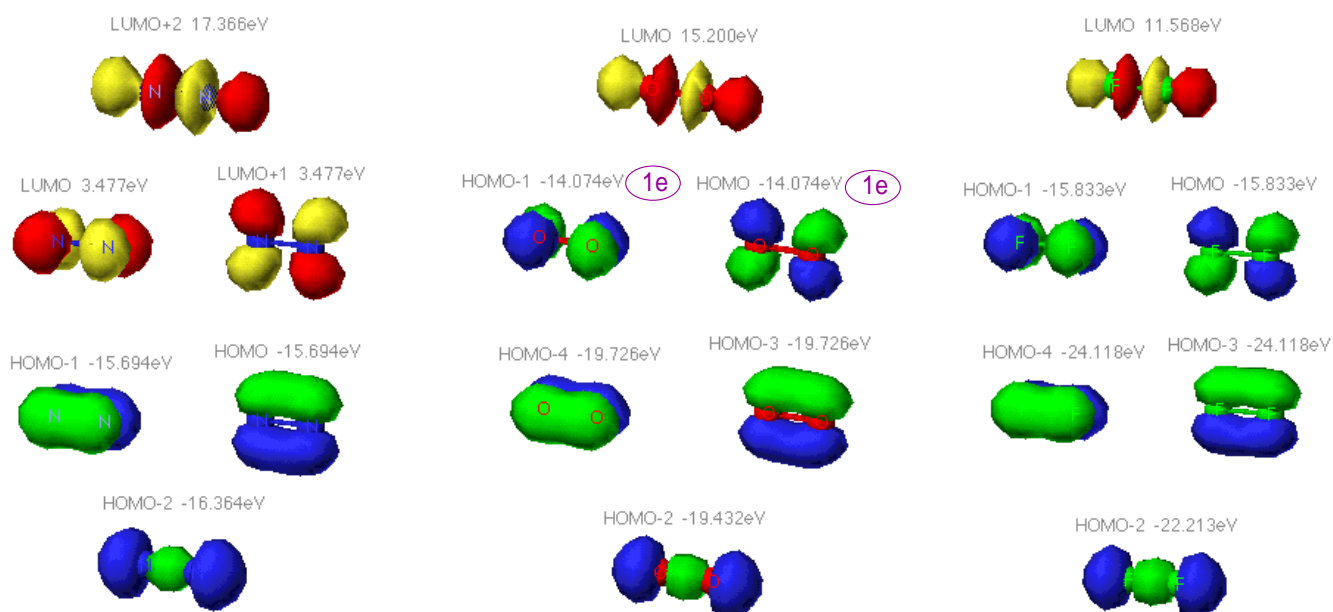


Molecular Orbital Surfaces (ab initio 3-21G)

N_2

O_2

F_2

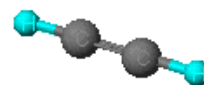
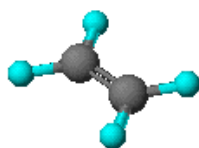
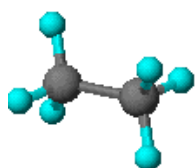


Molecular Orbital Surfaces of σ and π Orbitals in C_2H_n ($n = 6, 4, 2$) (ab initio 3-21G)

ethane, C_2H_6

ethylene, C_2H_4

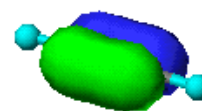
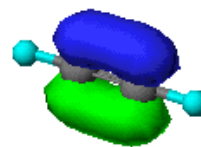
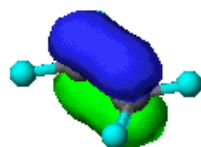
acetylene, C_2H_2



HOMO -10.308eV

HOMO -10.960eV

HOMO-1 -10.960eV



HOMO-6 -27.871eV

HOMO-5 -28.122eV

HOMO-4 -27.805eV

