

MS/MS Parameters of Pesticides

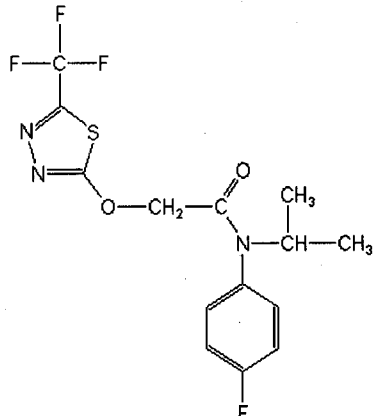
Analyte: Flufenacet

CAS No.: 142459-58-3

Formula: C₁₄H₁₃F₄N₃O₂S

Molecular mass (lowest isotopes): 363,07 amu

Structure:



Ionisation: ESI +

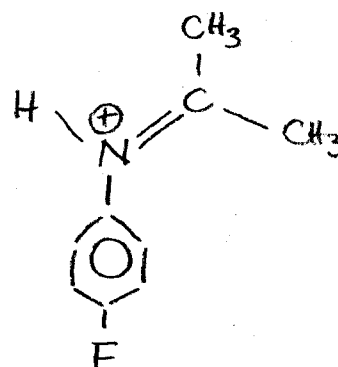
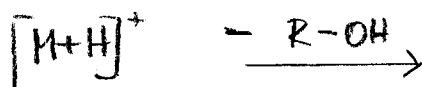
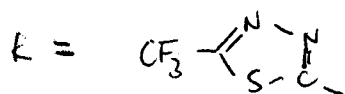
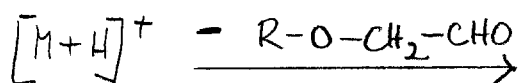
Quasimolecular ion: 364,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

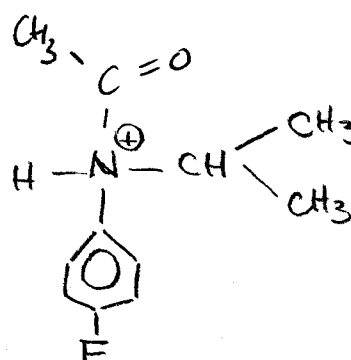
Transition	364,1 → 194,2	364,1 → 152,1
Declustering potential (DP) ^{*)}	11 V	11 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,0 V	10,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	17 V	27 V
Collision cell exit potential (CXP)	10 V	8 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



m/z 152



m/z 194

