

MS/MS Parameters of Pesticides

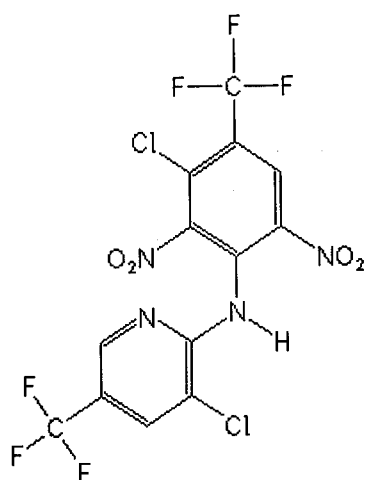
Analyte: Fluazinam

CAS No.: 79622-59-6

Formula: C₁₃H₄Cl₂F₆N₄O₄

Molecular mass (lowest isotopes): 463,90 amu

Structure:



Ionisation: ESI –

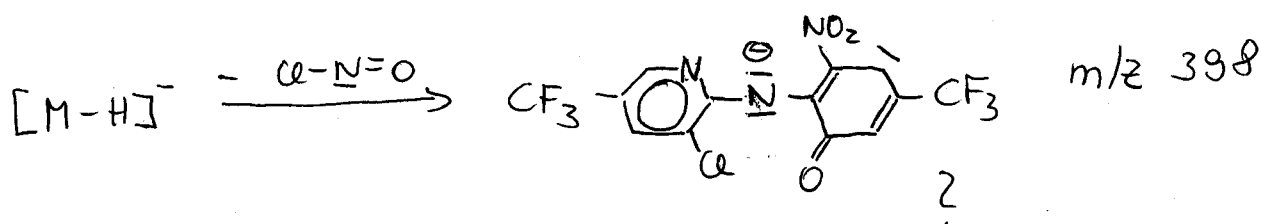
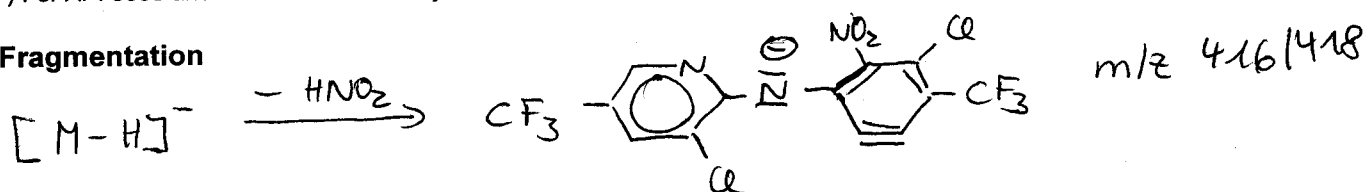
Quasimolecular ion: 462,9 amu = [M-H]⁻

Analyte sensitive parameter set (API 2000)

Transition	462,9 → 415,8	462,9 → 397,9
Declustering potential (DP) ^{*)}	-9V	-9 V
Focusing potential (FP)	-350 V	-350 V
Entrance potential (EP)	-10,0 V	-10,0 V
Collision cell entrance potential (CEP)	-20 V	-20 V
Collision energy (CE)	-24 V	-20 V
Collision cell exit potential (CXP)	-26 V	-24 V

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

Fragmentation



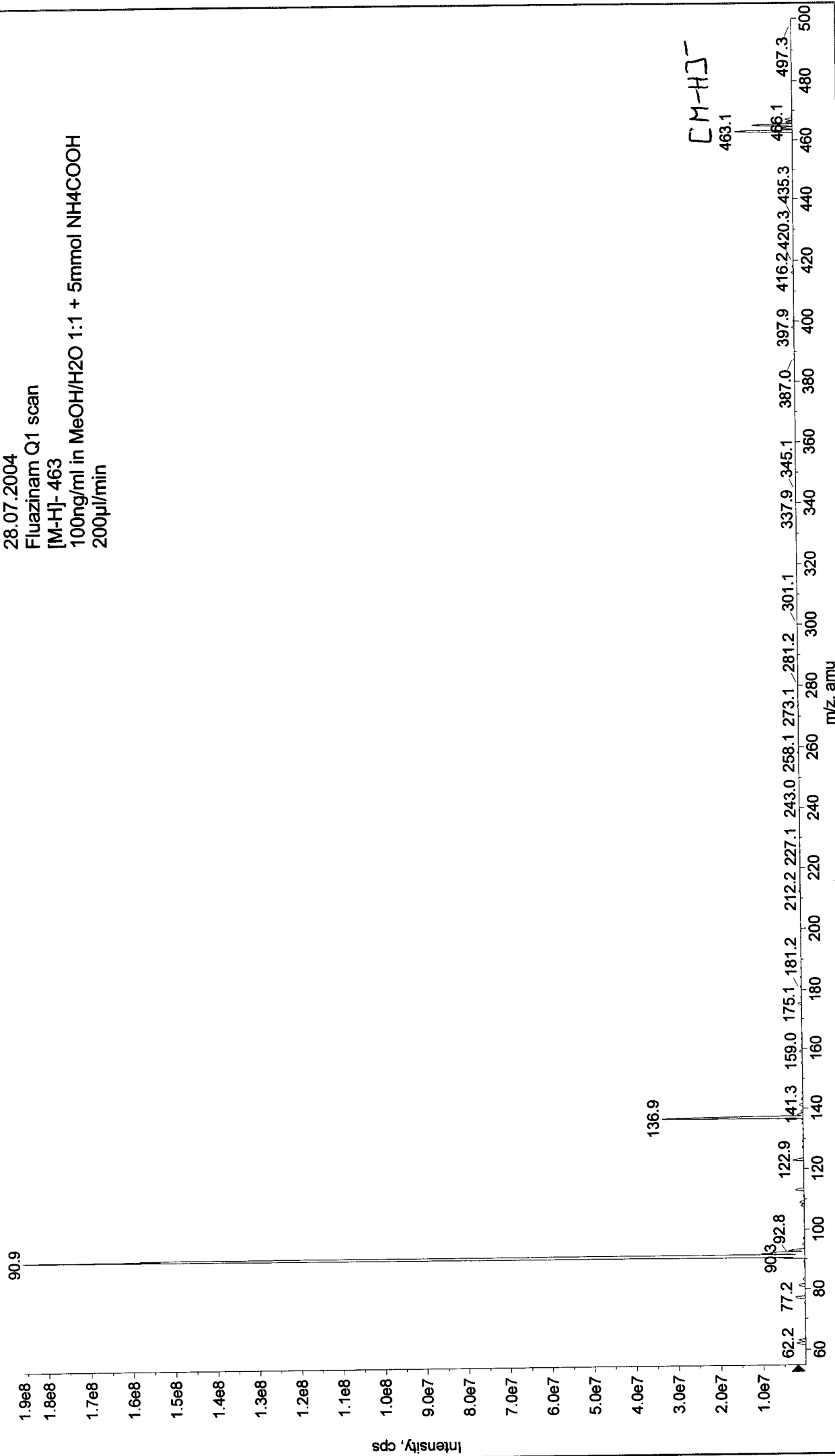
Printing Time: 9:26:38
Printing Date: Wednesday, July 28, 2004

Acq Time: 09:25
Acq Date: Wednesday, July 28, 2004
Acq File: MT20040728092504.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

Max. 1.9e8 cps
-Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728092504.wiff (Turbo Spray)

28.07.2004
Fluazinam Q1 scan
[M-H]⁺ 463
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



-MS2 (463.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728092748.wiff (Turbo Spray) Max. 3.3e5 cps

Intensity, cps

3.3e5
3.2e5
3.0e5
2.8e5
2.6e5
2.4e5
2.2e5
2.0e5
1.8e5
1.6e5
1.4e5
1.2e5
1.0e5
8.0e4
6.0e4
4.0e4
2.0e4

28.07.2004
Fluazinam Q3 scan 463 -> 416
[M-H]⁺- 463
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min

