

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

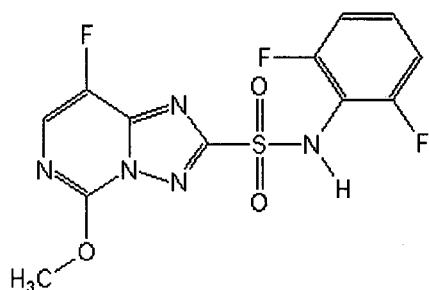
Analyte: Florasulam

CAS No.: 145701-23-1

Formula: C₁₂H₈F₃N₅O₃S

Molecular mass (lowest isotopes): 359,03 amu

Structure:



Ionisation: ESI +

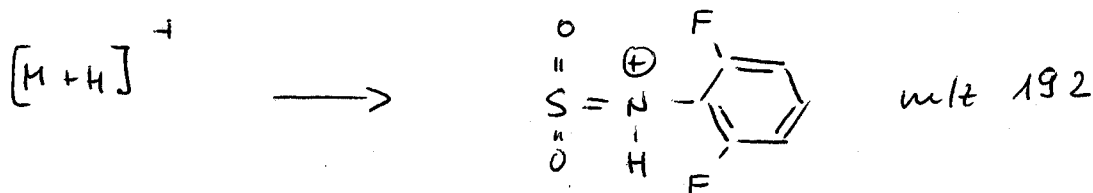
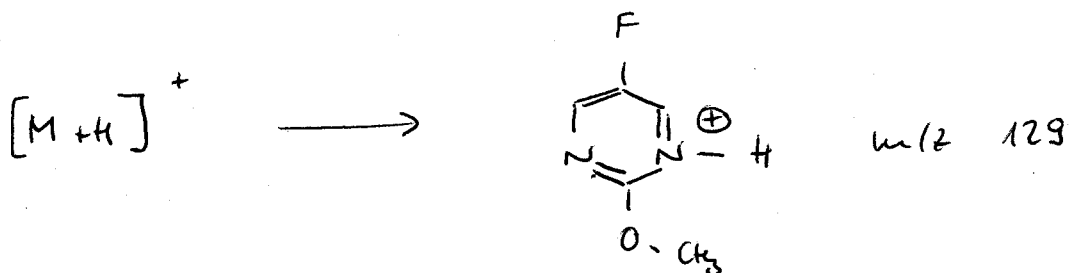
Quasimolecular ion: 360,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	360,0 → 129,1	360,0 → 191,9
Declustering potential (DP) ^{*)}	76 V	76 V
Focusing potential (FP)	310 V	360 V
Entrance potential (EP)	11,0 V	8,0 V
Collision cell entrance potential (CEP)	26 V	22 V
Collision energy (CE)	29 V	23 V
Collision cell exit potential (CXP)	6 V	10 V

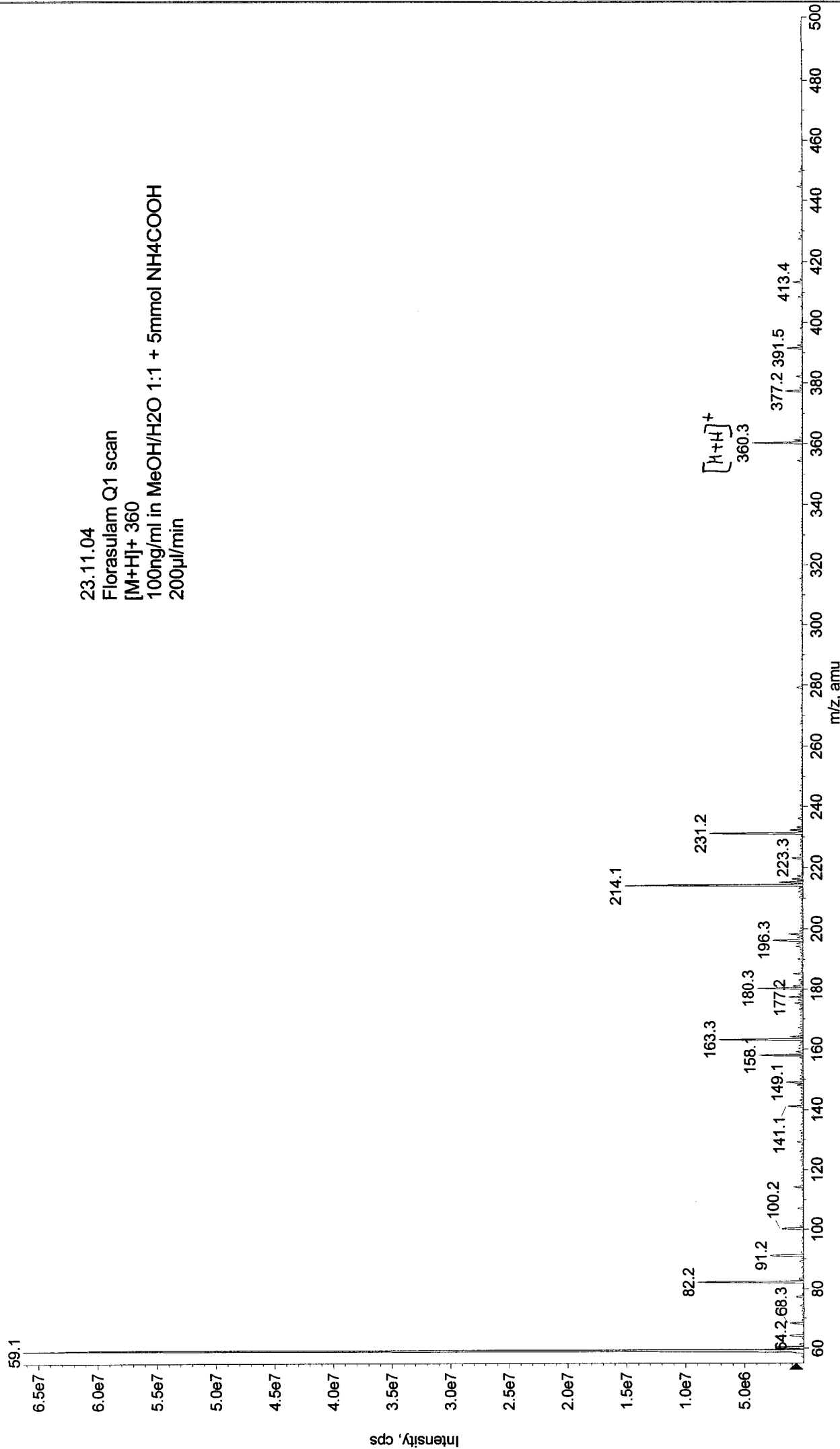
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



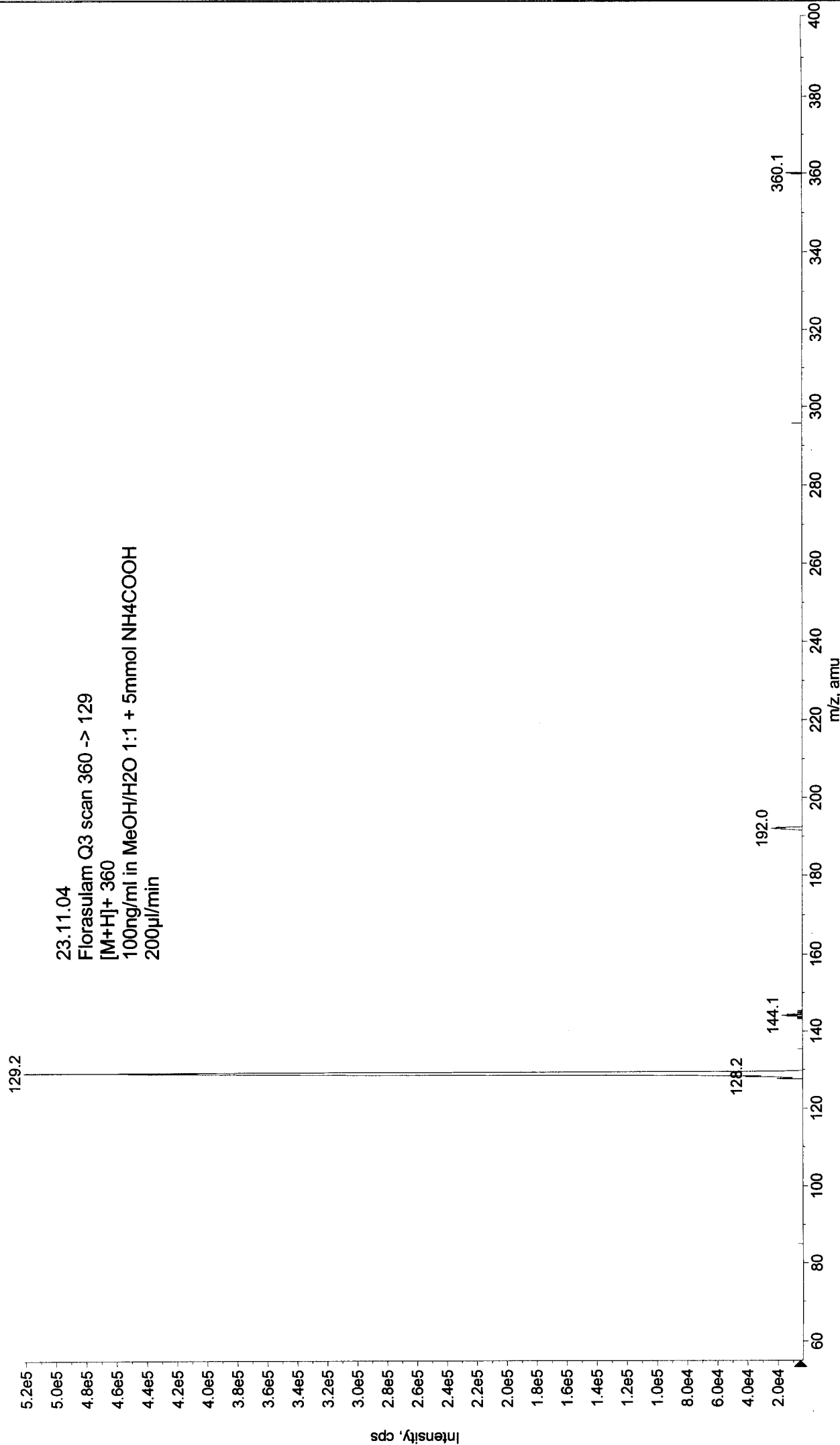
Max. 6.6e7 cps

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041123121200.wiff (Turbo Spray)



Max. 5.2e5 cps

■ +MS2 (360.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041123122320.wiff (Turbo Spray)



Printing Time: 12:44:40
Printing Date: Tuesday, November 23, 2004

Acq. Time: 12:43
Acq. Date: Tuesday, November 23, 2004
Acq. File: MT20041123124322.wiff

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

