

MS/MS Parameters of Pesticides

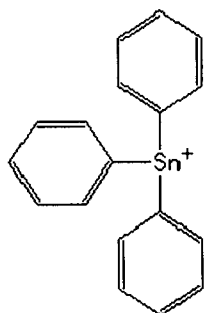
Analyte: Fentin (cation)

CAS No.: 668-34-8

Formula: C₁₈H₁₅Sn

Molecular mass (lowest isotopes): 351,02 amu

Structure:



Ionisation: ESI +

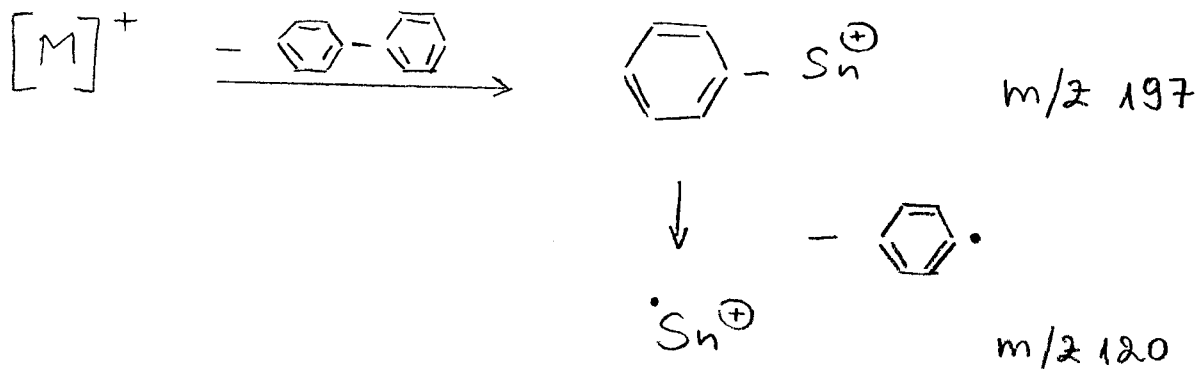
Quasimolecular ion: 351,0 amu = [M]⁺

Analyte sensitive parameter set (API 2000)

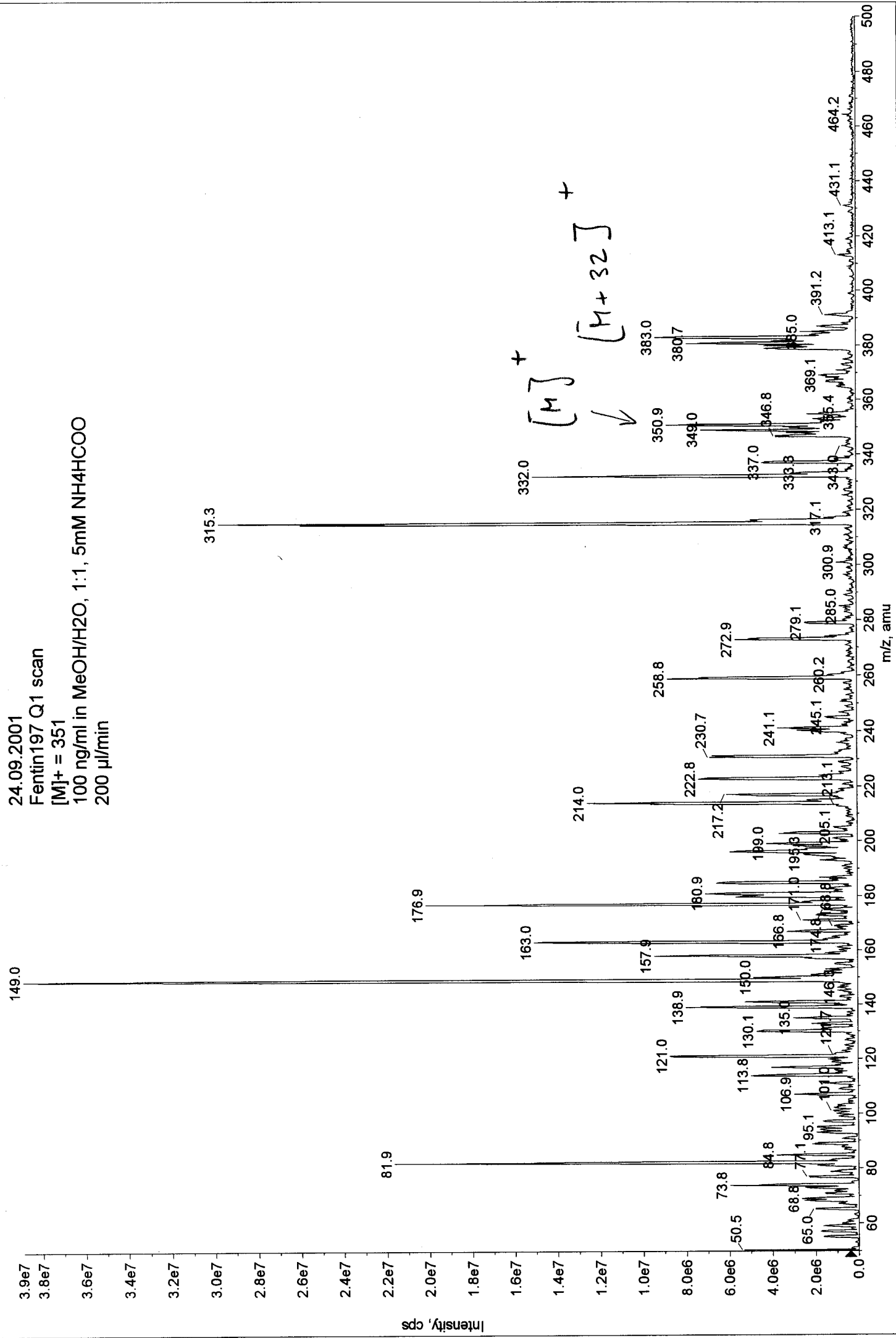
Transition	351,0 → 196,9	351,0 → 119,8
Declustering potential (DP) ^{*)}	98,5 V	98,5 V
Focusing potential (FP)	320 V	310 V
Entrance potential (EP)	10,5 V	12 V
Collision cell entrance potential (CEP)	22 V	26 V
Collision energy (CE)	39 V	41 V
Collision cell exit potential (CXP)	10 V	16 V

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

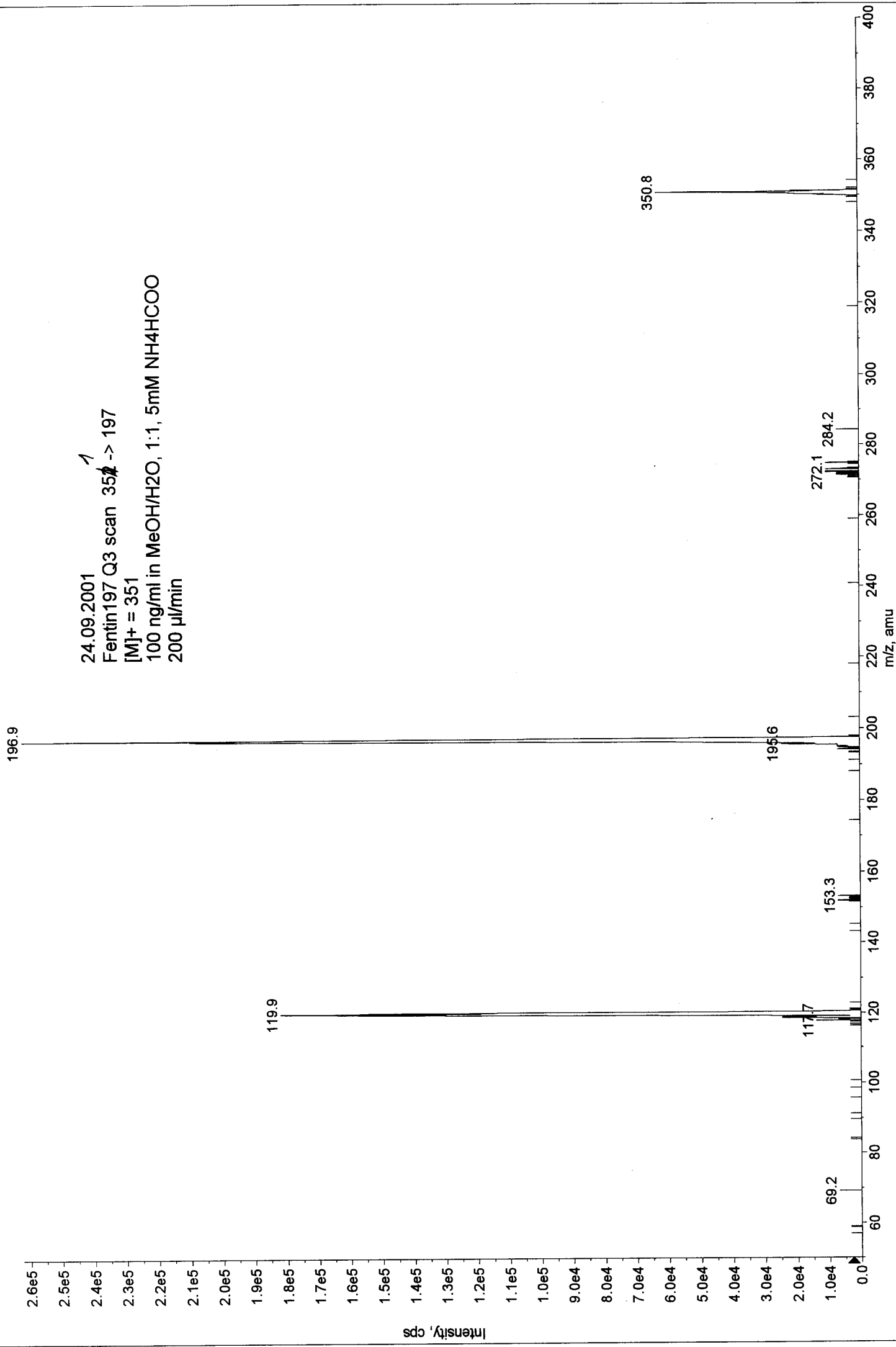
Fragmentation

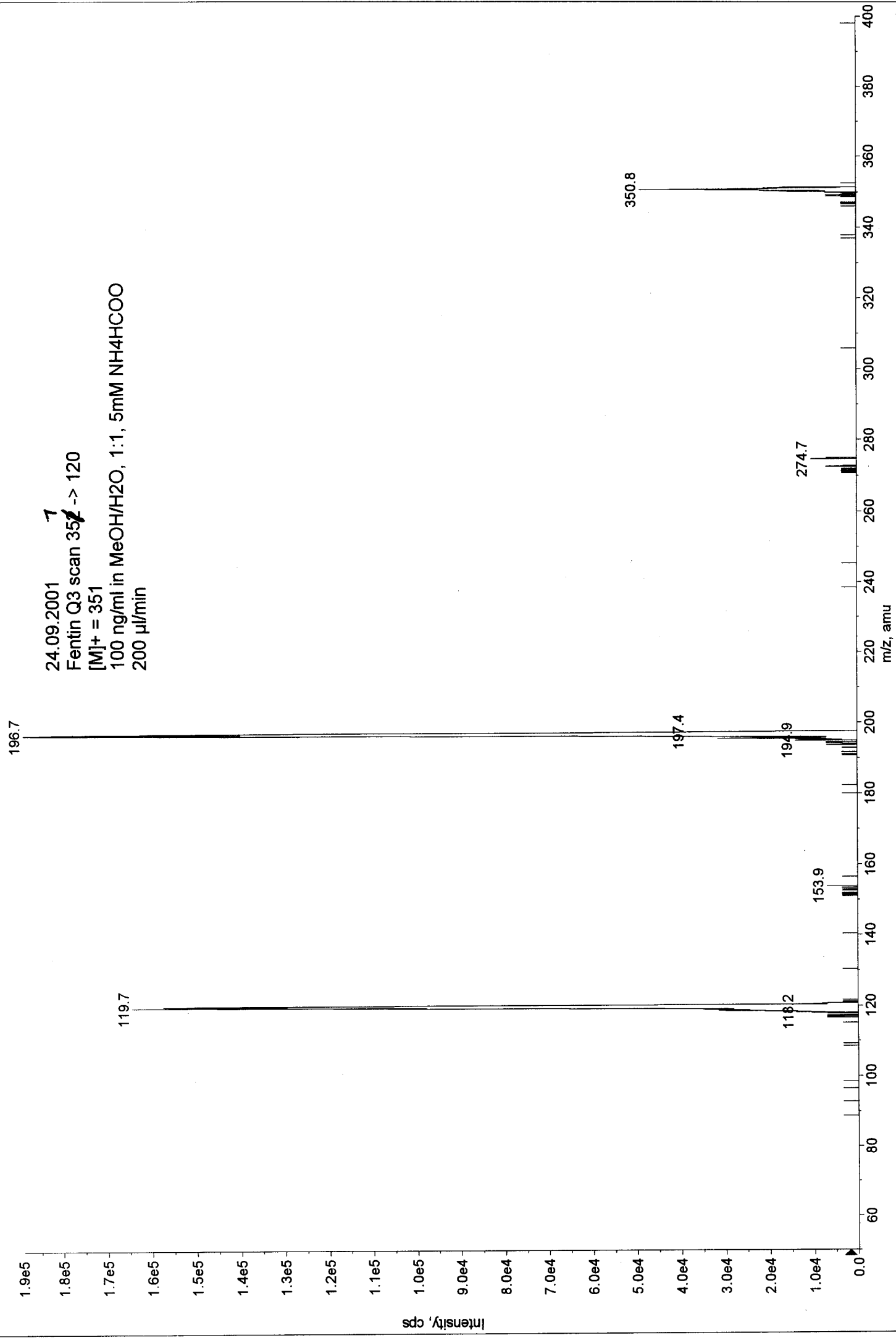


24.09.2001
Fentin197 Q1 scan
[M]⁺ = 351
100 ng/ml in MeOH/H₂O, 1:1, 5mM NH₄HCOO
200 µl/min



24.09.2001
 Fentin197 Q3 scan 351 -> 197
 [M]⁺ = 351
 100 ng/ml in MeOH/H₂O, 1:1, 5mM NH₄HCOO
 200 µl/min





24.09.2001
Fentin Q3 scan 351 -> 120
[M]⁺ = 351
100 ng/ml in MeOH/H₂O, 1:1, 5mM NH₄HCOO
200 µl/min