

MS/MS Parameters of Pesticides

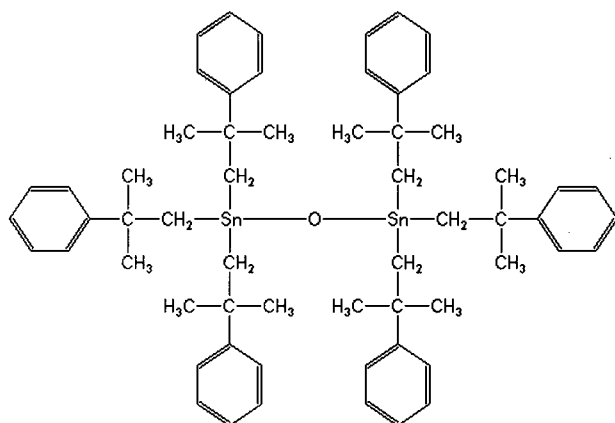
Analyte: Fenbutatin oxide

CAS No.: 13356-08-6

Formula: C₆₀H₇₈OSn₂

Molecular mass (lowest isotopes): 1054,41 amu

Structure:



Ionisation: ESI +

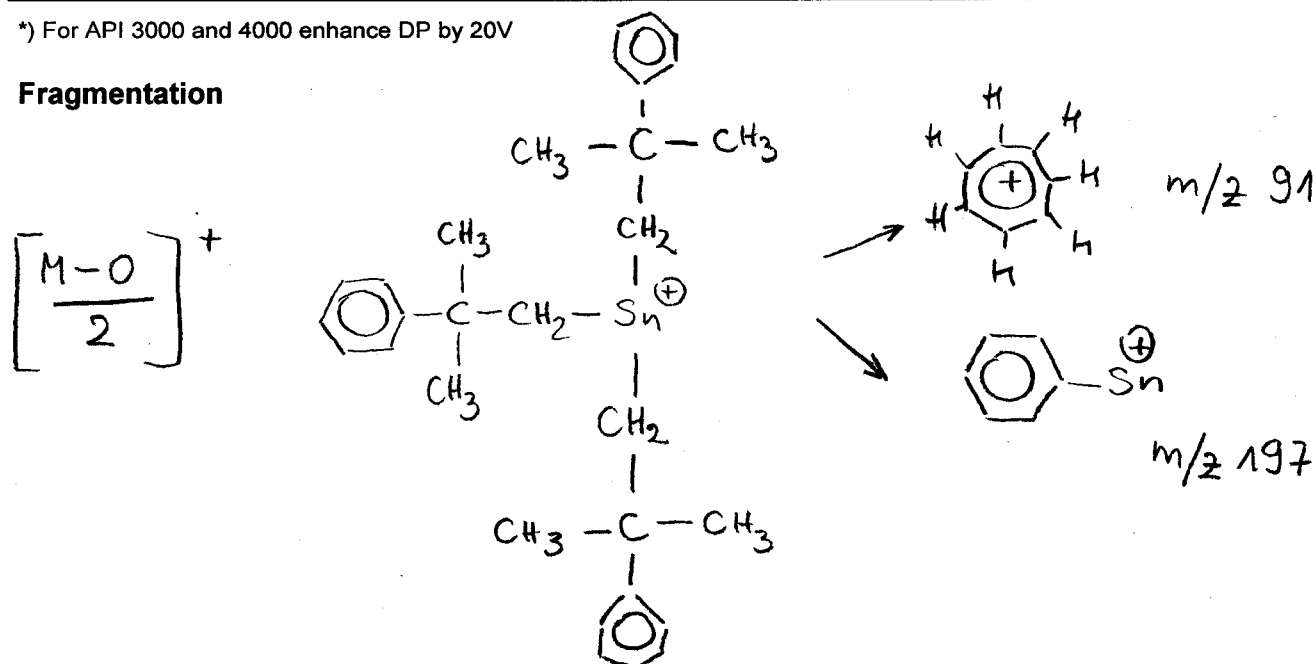
Quasimolecular ion: 519,2 amu = [M-O/2]⁺

Analyte sensitive parameter set (API 2000)

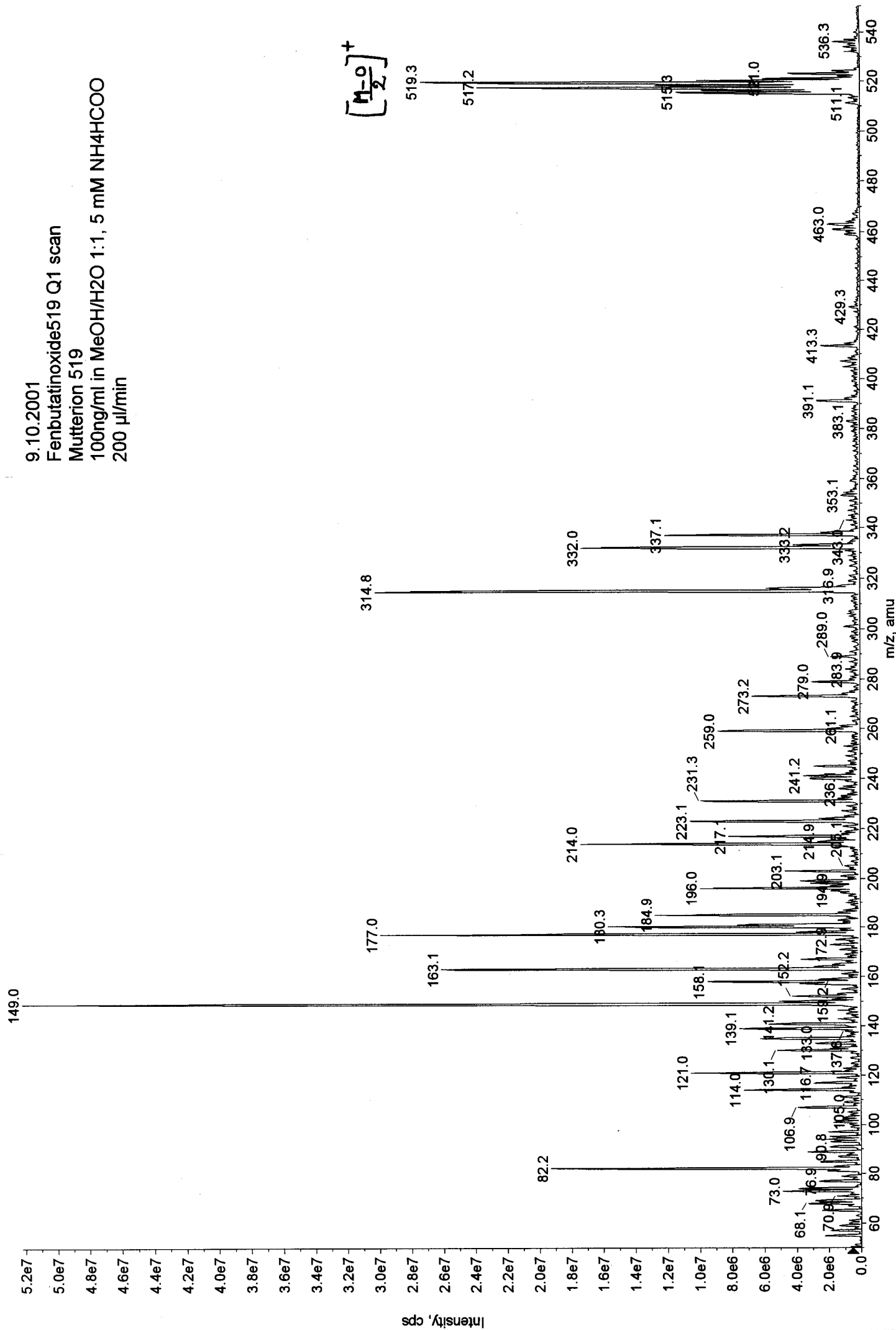
Transition	519,2 → 91,1	519,2 → 196,9
Declustering potential (DP) ^{*)}	101 V	101 V
Focusing potential (FP)	330 V	350 V
Entrance potential (EP)	10,5 V	12,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	65 V	67 V
Collision cell exit potential (CXP)	4 V	8 V

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

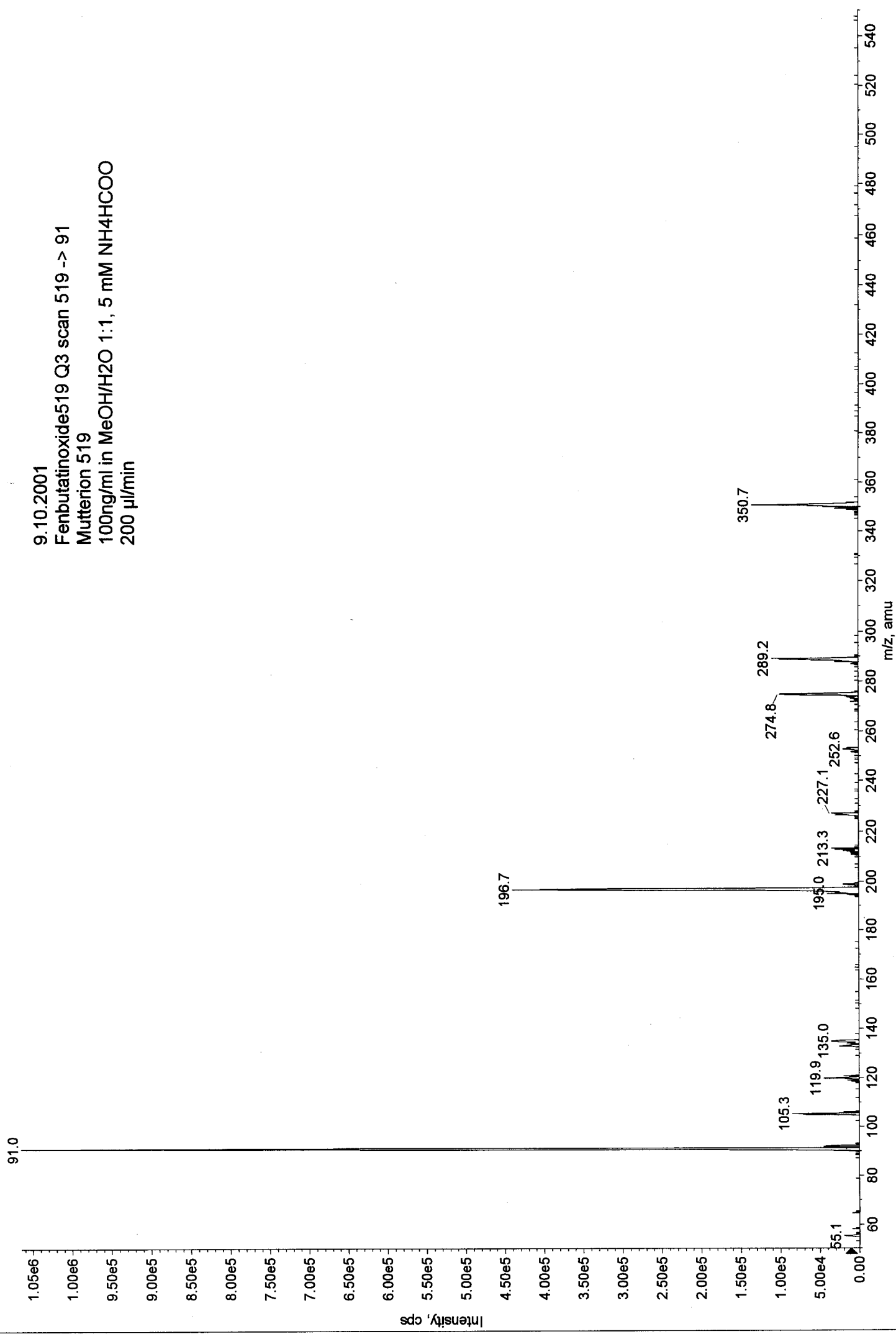
Fragmentation



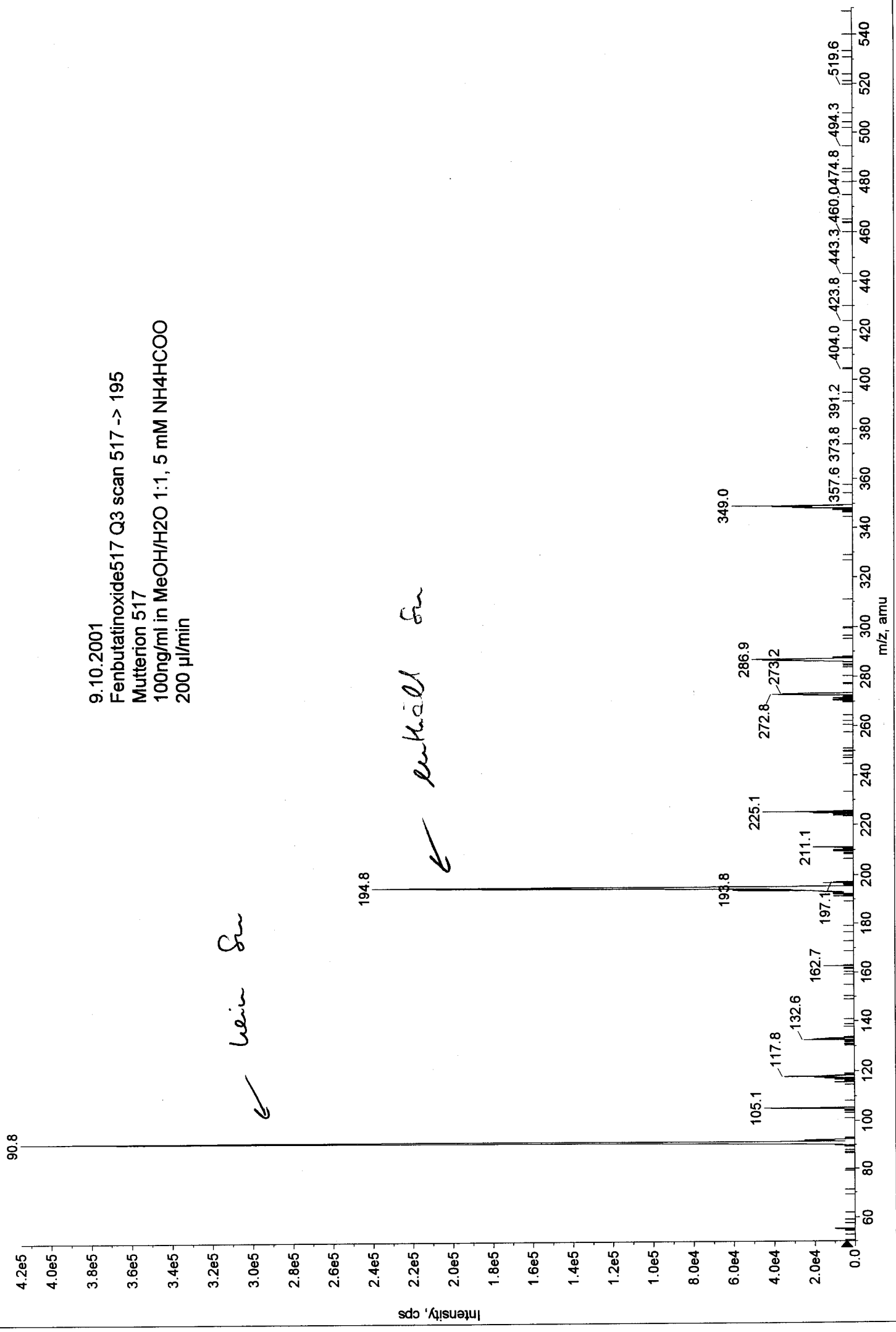
9.10.2001
Fenbutatinoxide519 Q1 scan
Mutterion 519
100ng/ml in MeOH/H2O 1:1, 5 mM NH4HCOO
200 µl/min



9.10.2001
Fenbutatinoxide519 Q3 scan 519 -> 91
Mutterion 519
100ng/ml in MeOH/H2O 1:1, 5 mM NH4HCOO
200 µl/min



9.10.2001
Fenbutatinoxide517 Q3 scan 517 -> 195
Mutterion 517
100ng/ml in MeOH/H2O 1:1, 5 mM NH4HCOO
200 µl/min



← kein Sn

← enthält Sn

