

## MS/MS Parameters of Pesticides

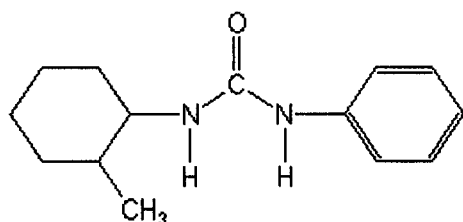
### Analyte: Siduron

CAS No.: 1982-49-6

Formula: C<sub>14</sub>H<sub>20</sub>N<sub>2</sub>O

Molecular mass (lowest isotopes): 232,16 amu

Structure:



Ionisation: ESI +

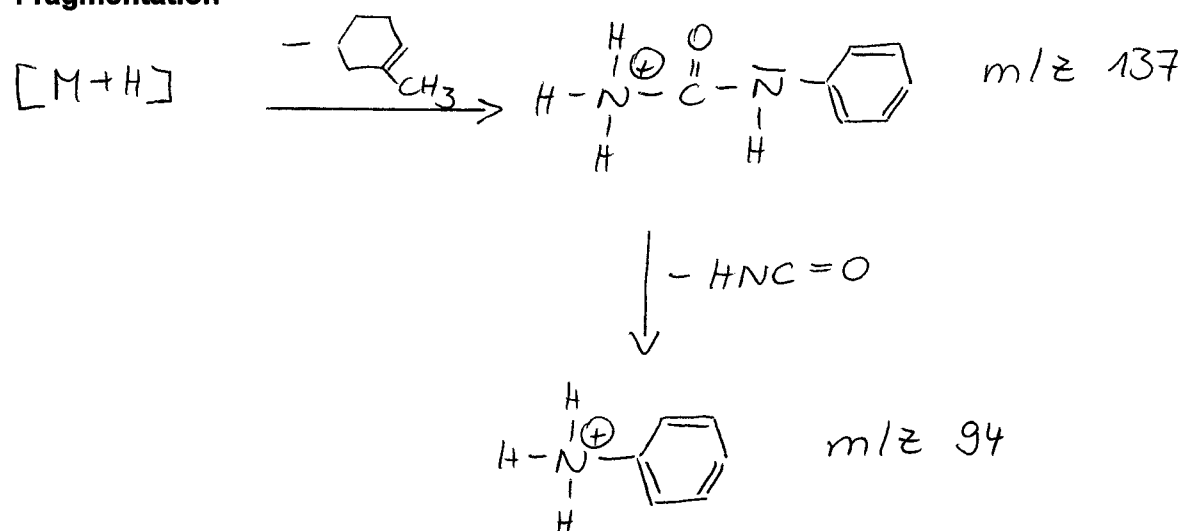
Quasimolecular ion: 233,2 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

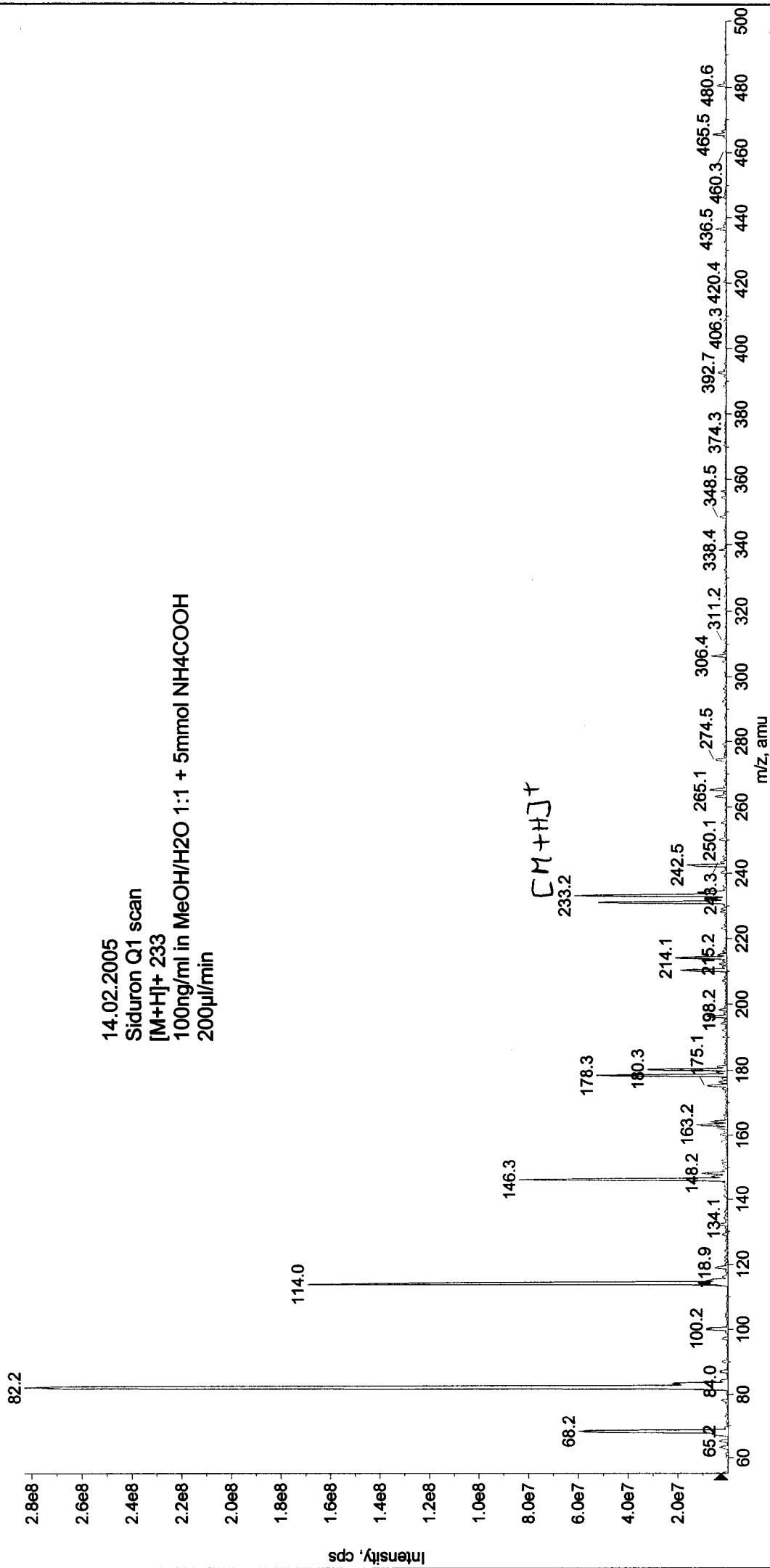
Transition	233,2 → 137,1	233,2 → 94,0
Declustering potential (DP) <sup>*)</sup>	59V	59 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	10 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	25 V	33 V
Collision cell exit potential (CXP)	8 V	6 V

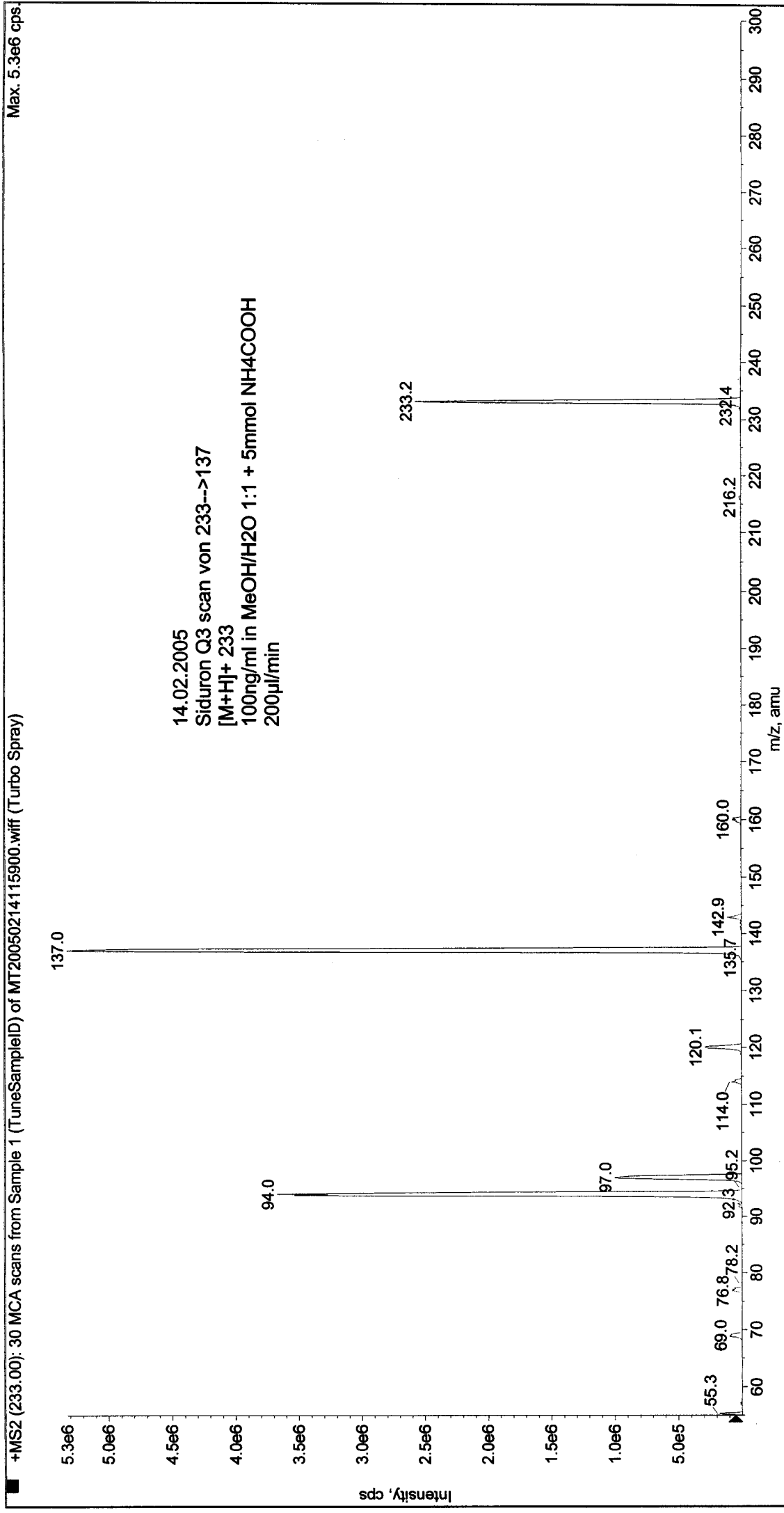
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



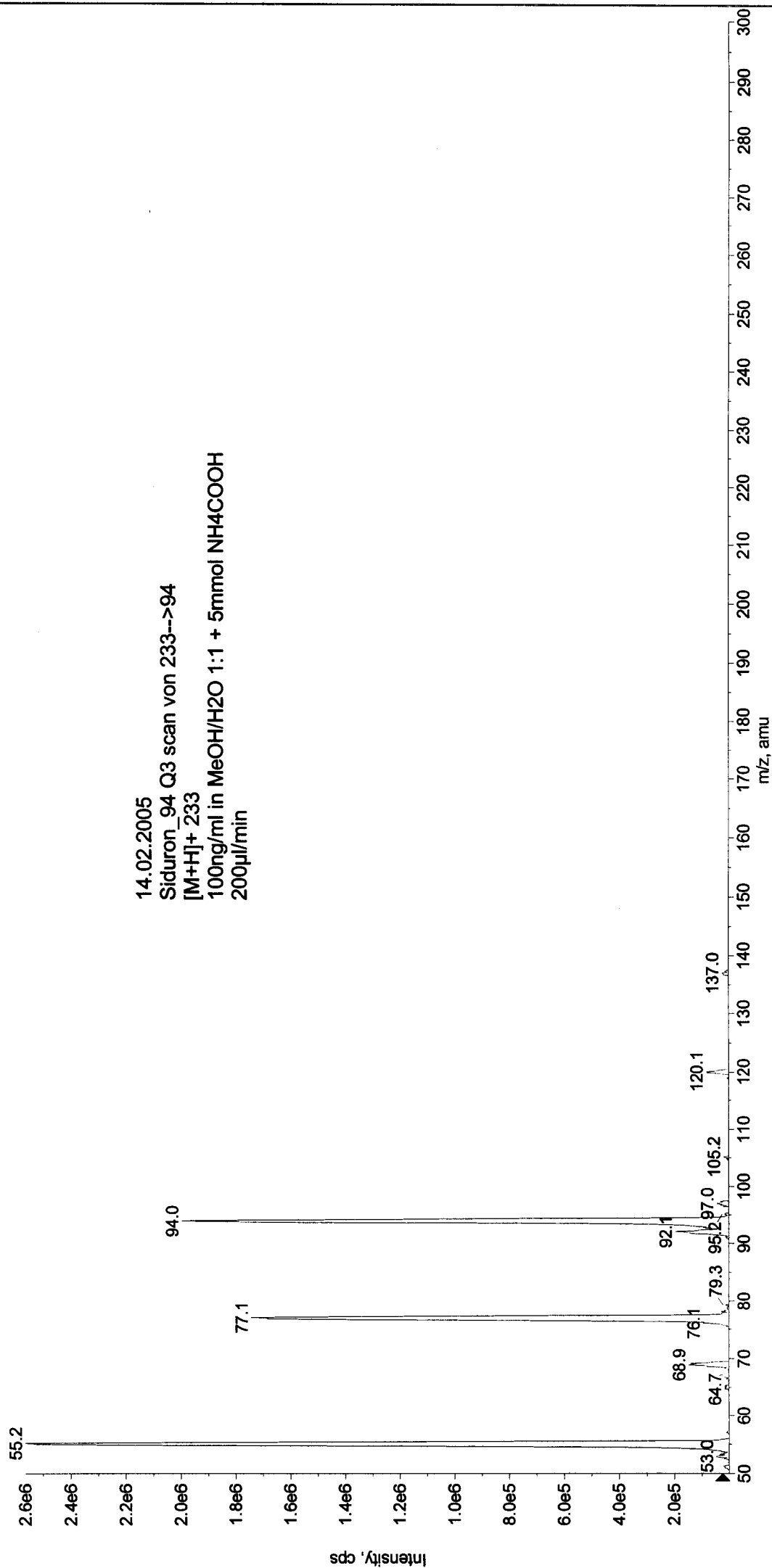
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050214120338.wiff (Turbo Spray) Max. 2.8e8 cps





■ +MS2 (233.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050214132025.wiff (Turbo Spray)

Max. 2.6e6 cps



14.02.2005  
Siduron\_94 Q3 scan von 233-->94  
[M+H]<sup>+</sup> 233  
100ng/ml in MeOH/H<sub>2</sub>O 1:1 + 5mmol NH<sub>4</sub>COOH  
200µl/min