

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

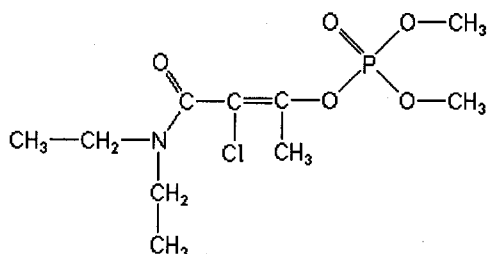
### Analyte: Phosphamidon

CAS No.: 13171-21-6

Formula: C<sub>10</sub>H<sub>19</sub>ClNO<sub>5</sub>P

Molecular mass (lowest isotopes): 299,07 amu

Structure:



Ionisation: ESI +

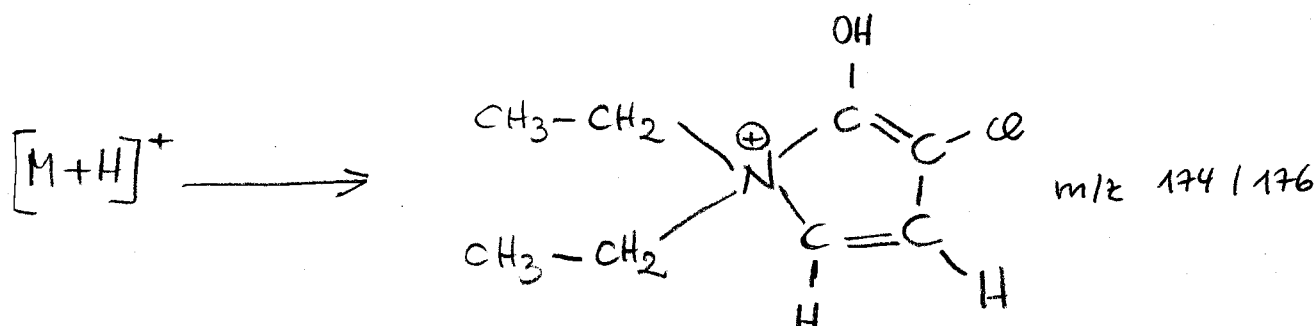
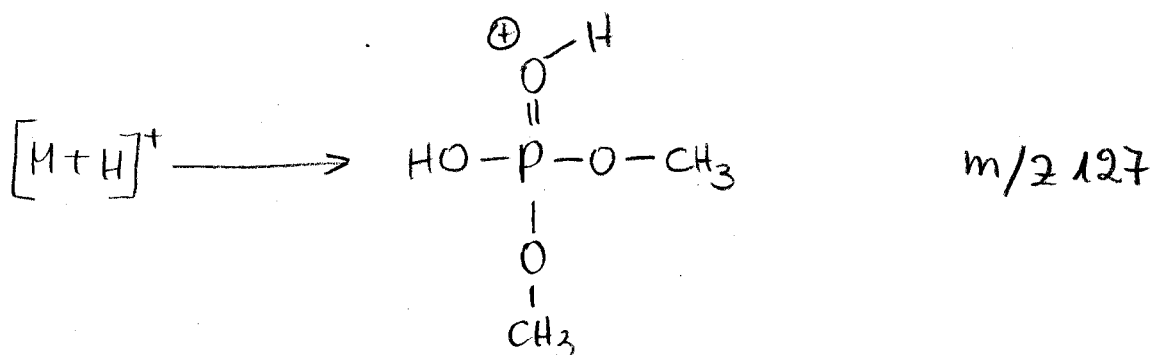
Quasimolecular ion: 300,0 amu = [M+H]<sup>+</sup>

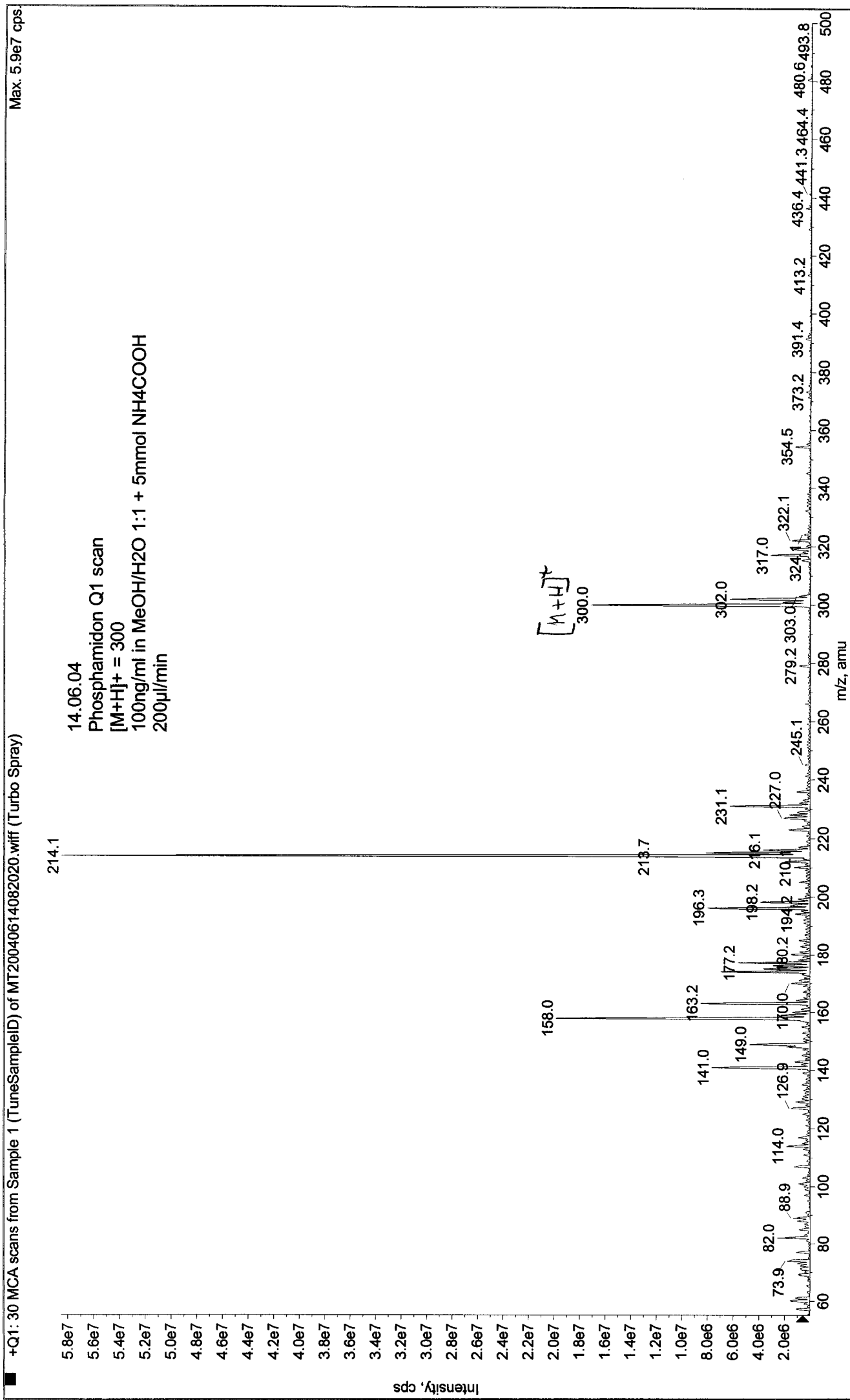
Analyte sensitive parameter set (API 2000)

Transition	300,0 → 127,1	300,0 → 174,1
Declustering potential (DP) <sup>*)</sup>	34 V	34 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	11,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	27 V	19 V
Collision cell exit potential (CXP)	6 V	8 V

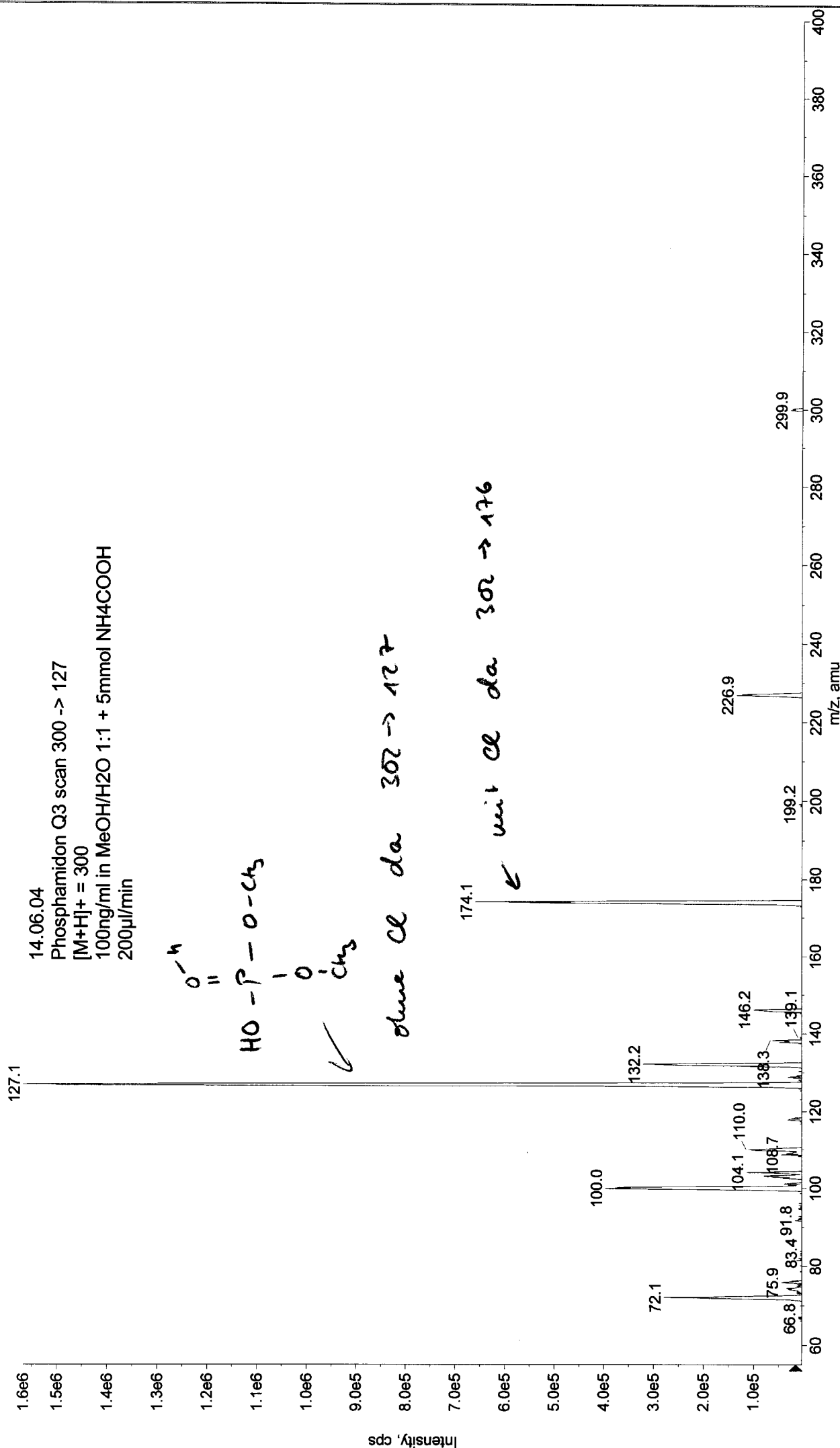
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation

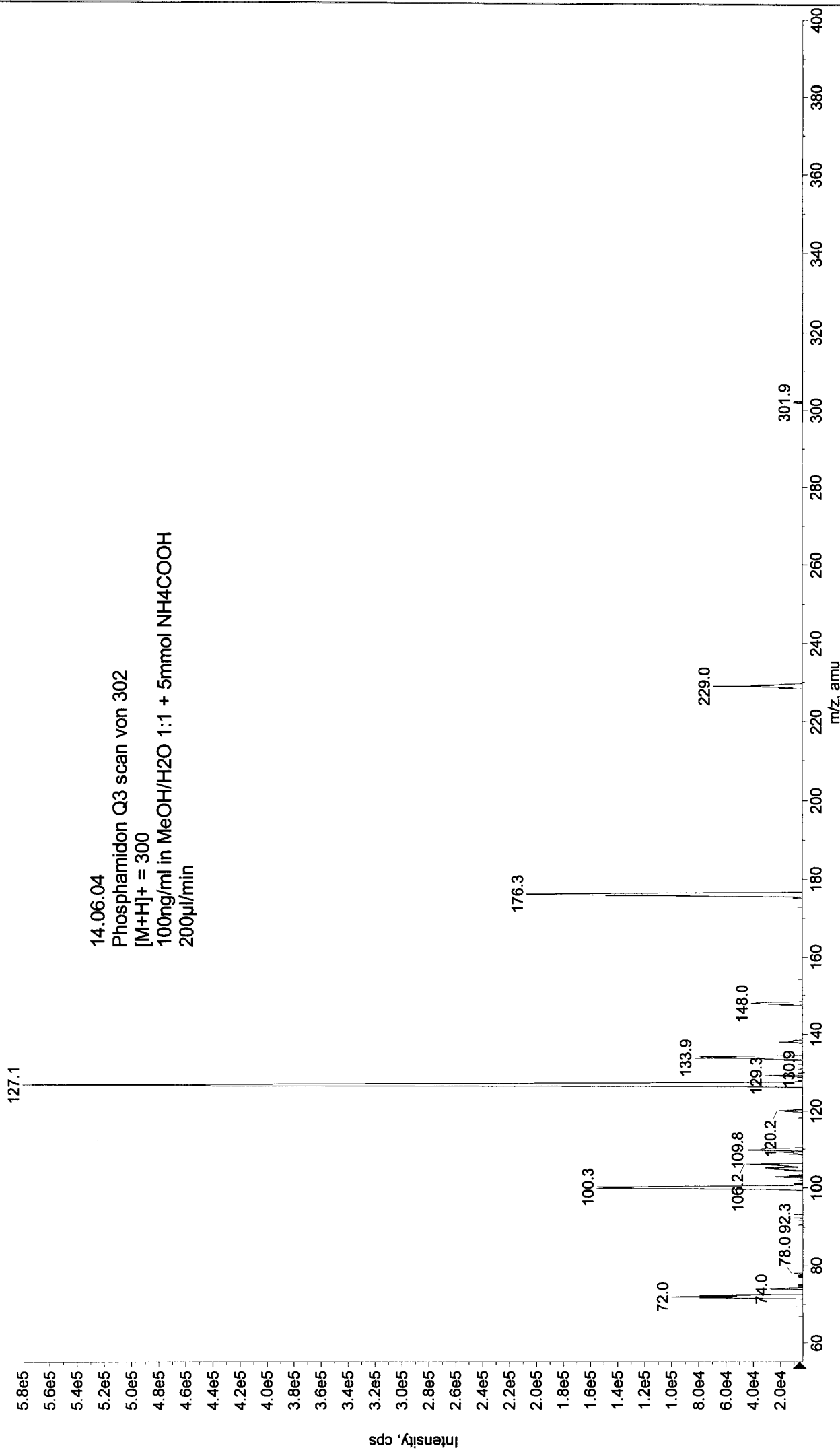




+MS2 (300.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040614082339.wiff (Turbo Spray) Max. 1.6e6 cps



+MS2 (302.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040614082509.wiff (Turbo Spray) Max. 5.8e5 cps



+MS2 (300.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040614083501.wiff (Turbo Spray) Max. 1.4e6 cps

