

Supplementary S1

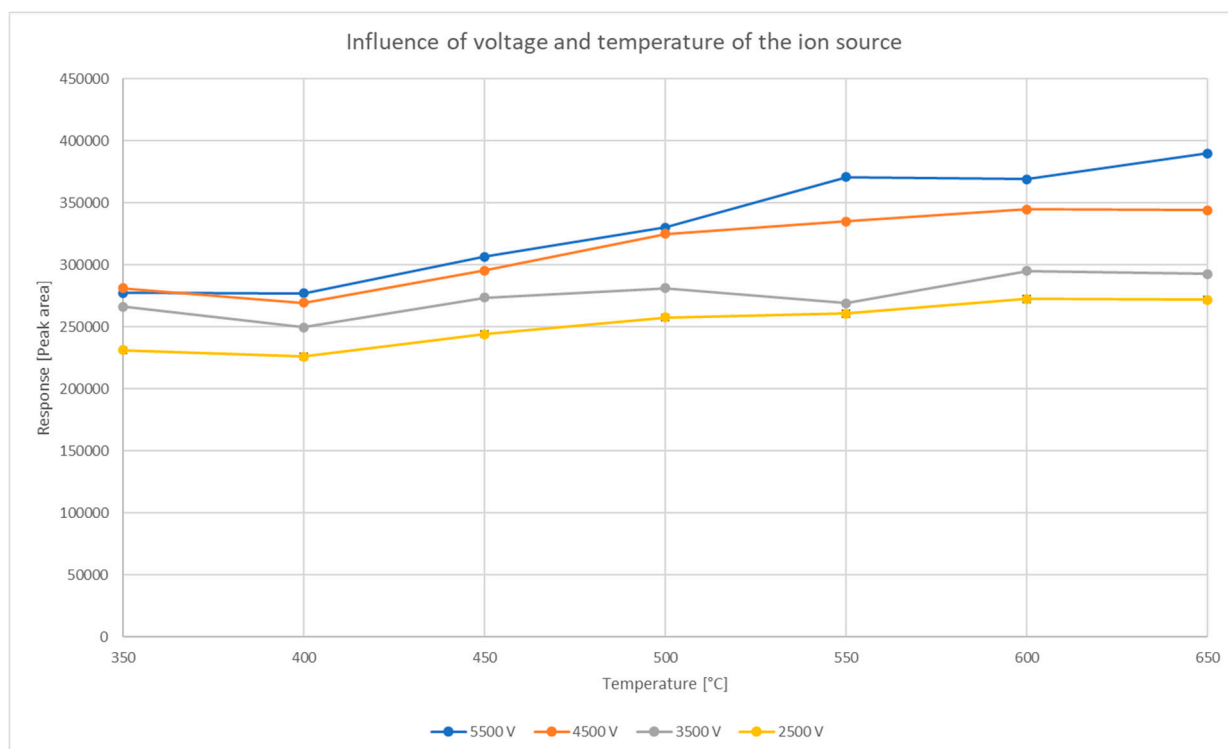


Figure S1: Averages of the peak areas in dependence of ion source voltage and temperature (n=3). For the data see tab. 1.

Table S1: Averages of the peak areas in dependence of ion source voltage and temperature (n=3).

	350°C	400°C	450°C	500°C	550°C	600°C	650°C
5500 V	277433	277041	306553	330094	370746	369071	389877
4500 V	281113	269428	295380	324823	335046	344683	343940
3500 V	266163	249626	273360	281174	268865	294849	292671
2500 V	231062	225964	244018	257413	260554	272372	271746

Table S2: Standard deviations of the peak areas in dependence of Ion Source voltage and temperature (n=3).

	350°C	400°C	450°C	500°C	550°C	600°C	650°C
5500 V	2220	1762	609	1726	1596	2904	4123
4500 V	2803	917	5323	3046	625	1239	4211
3500 V	11049	266	2147	2518	8575	1141	212
2500 V	12245	259	3007	2594	6434	1874	2226

Table S3: RSD of the peak areas in dependance of Ion Source voltage and temperature (n=3).

	350°C	400°C	450°C	500°C	550°C	600°C	650°C
5500 V	0.80%	0.64%	0.20%	0.52%	0.43%	0.79%	1.06%
4500 V	1.00%	0.34%	1.80%	0.94%	0.19%	0.36%	1.22%
3500 V	4.15%	0.11%	0.79%	0.90%	3.19%	0.39%	0.07%
2500 V	5.30%	0.11%	1.23%	1.01%	2.47%	0.69%	0.82%