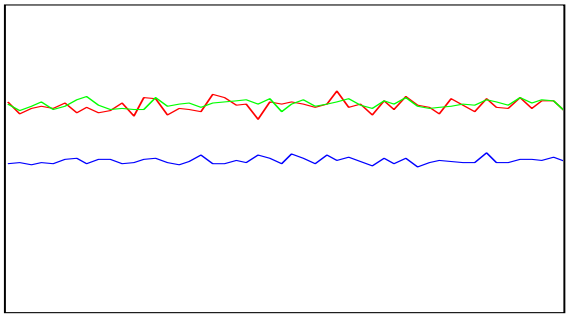
Tune Report

Batch Folder C:\Agilent\ICPMH\1\DATA\Adrien\Lorenz UNIBE\200207_MainInc_ME_1_a.b
Acq. Date-Time 2020-02-07 14:50
Report Comment
Instrument Name G3281A JP11451385

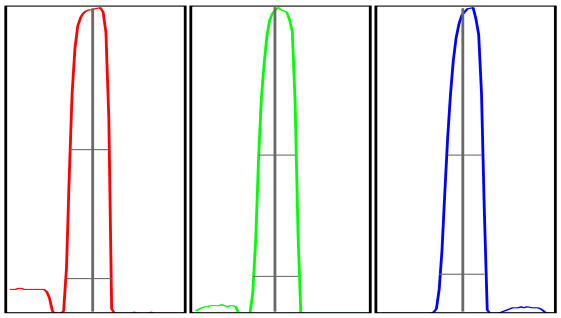
[No Gas]



Mass	Range	Count	RSD%	Background
7	10000	6765	2.922	4.600
89	50000	34105	1.922	7.700
205	50000	24866	2.027	17.800

Ratio (oxide) 156/140 1.051 % **Ratio (2+)** 70/140 2.033 %

Integration Time [sec] 0.1 **Sampling Period [sec]** 0.311



Mass	Peak Height	Axis	W-50%	W-10%
7	6685.62	7.00	0.64	0.755
89	34458.46	88.95	0.62	0.760
205	24731.86	205.00	0.59	0.763

Integration Time [sec] 0.1 **Acquisition Time [sec]** 22.74 **Y Axis** Linear

Tune Parameters
Plasma Parameters

RF Power	1450 W	Nebulizer Pump	0.10 rps
RF Matching	1.60 V	S/C Temp	2 ℃
Smpl Depth	7.0 mm	Gas Switch	Makeup Gas
Carrier Gas	1.14 L/min	Makeup/Dilution Gas	0.00 L/min
Option Gas	0.0 %		

Lenses Parameters

Tune Report

Extract 1	-2.4 V	Cell Entrance	-30 V
Extract 2	-200.0 V	Cell Exit	-50 V
Omega Bias	-110 V	Deflect	14.6 V
Omega Lens	10.7 V	Plate Bias	-40 V

Cell Parameters

Use Gas	No	OctP RF	170 V
He Flow	0.0 mL/min	Energy Discrimination	5.0 V
OctP Bias	-8.0 V		

[He]

Mass	Range	Count	RSD%	Background
59	10000	6916	1.851	0.400
89	10000	6260	2.497	0.900
205	20000	18857	1.982	1.300

Ratio (oxide) 156/140 0.416 % **Ratio (2+)** 70/140 1.635 %

Integration Time [sec] 0.1 **Sampling Period [sec]** 0.31

Mass	Peak Height	Axis	W-50%	W-10%
59	6937.59	59.00	0.32	0.438
89	6229.69	89.00	0.30	0.414
205	17745.11	205.00	0.27	0.439

Integration Time [sec] 0.1 **Acquisition Time [sec]** 22.54 **Y Axis** Linear

Tune Parameters
Plasma Paramters

RF Power	1450 W	Nebulizer Pump	0.10 rps
RF Matching	1.60 V	S/C Temp	2 ℃
Smpl Depth	7.0 mm	Gas Switch	Makeup Gas
Carrier Gas	1.14 L/min	Makeup/Dilution Gas	0.00 L/min
Option Gas	0.0 %		

Lenses Parameters

Extract 1	-2.3 V	Cell Entrance	-40 V
Extract 2	-200.0 V	Cell Exit	-60 V
Omega Bias	-115 V	Deflect	2.2 V
Omega Lens	10.4 V	Plate Bias	-60 V

Cell Parameters

Use Gas	Yes	OctP RF	200 V
He Flow	4.3 mL/min	Energy Discrimination	3.0 V
OctP Bias	-18.0 V		