**Sep 3, 2015**

**15 nA** irrad, 1 hour, 10.49 TOF ; **1:2 CH3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.1W

**Sep 8, 2015**

**blank**, 10.49 TOF TPD; **1:1 CH3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #3 0.5K/min

VUV=600 mV, YAG 355 =1.15W

**Sep 9, 2015**

**blank**, IR, QMS TPD; **1:1 CH3OH:NO** deposited 2 fringes

0.5K/min

**Sep 10, 2015**

**15 nA** irrad, 1 hour, 10.49 TOF ; **1:1 CH3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #4 0.5K/min

VUV=600 mV, YAG 355 =1.1W

**Sep 16, 2015**

**blank**, 10.49 TOF TPD; **NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.15W

**Sep 17, 2015**

**15 nA**, 1H, 10.49 TOF TPD; **NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.15W

**Sep 18, 2015**

**blank**, 10.49 TOF TPD; **1:1 CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #3 0.5K/min

VUV=600 mV, YAG 355 =1.2 W

**Sep 19, 2015**

**15 nA**, 1H, 10.49 TOF TPD; **1:1 CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.2 W

**Sep 24, 2015**

**blank**, 10.49 TOF TPD; **CH3OH** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.2 W

**Sep 26, 2015**

**15 nA**, 1H, 10.49 TOF TPD; **CH3OH** deposited 2 fringes

TPD: start heat ramp @ cycle #3 0.5K/min

VUV=600 mV, YAG 355 =1.05 W

**Sep 28, 2015**

**blank**, 10.49 TOF TPD; **CD3OH** deposited 2 fringes

TPD: start heat ramp @ cycle #3 0.5K/min

VUV=600 mV, YAG 355 =1.2 W

**Sep 29, 2015**

**15 nA**, 1H, 10.49 TOF TPD; **CD3OH** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=600 mV, YAG 355 =1.05 W

**Tunable:**

**April 5, 2016**

**blank**, **10.2** TOF TPD; **CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=2500 mV, YAG 1 =4.7 W, YAG 2 =1.3 W

**April 6, 2016**

**15 nA**, 1H, **10.2** TOF TPD; **CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=2500 mV, YAG 1 =4.7 W, YAG 2 =1.3 W

**April 8, 2016**

**15 nA**, **9.8**  TOF TPD; **CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=2500 mV, YAG 1 =, YAG 2 =

**April 12, 2016**

**15 nA**, 1H, **9.15** TOF TPD; **CD3OH:NO** deposited 2 fringes

TPD: start heat ramp @ cycle #5 0.5K/min

VUV=2000 mV, YAG 1 =1.4 W, YAG 2 =2 W