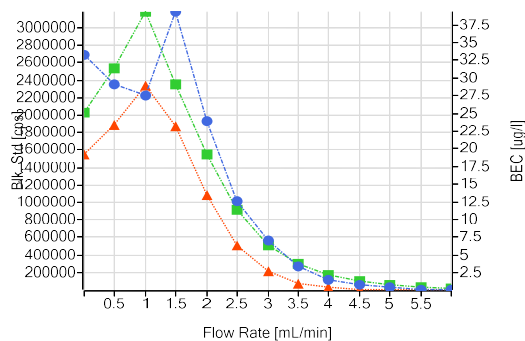


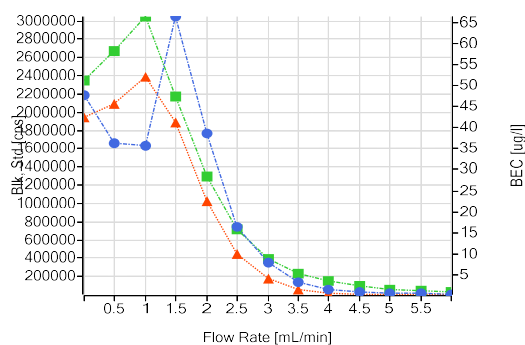
# Ramp Cell Gas

## He Gas - 51 u



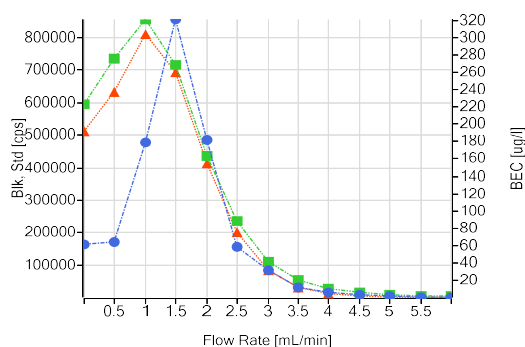
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1555366.77	2023430.42	3.323E+01
0.50	1886518.85	2536389.57	2.903E+01
1.00	2333531.25	3183393.71	2.746E+01
1.50	1879160.47	2357019.95	3.932E+01
2.00	1087479.24	1543298.44	2.386E+01
2.50	506601.76	909777.08	1.257E+01
3.00	207822.81	501028.48	7.088E+00
3.50	73525.62	290295.71	3.392E+00
4.00	22714.70	169843.80	1.544E+00
4.50	6733.29	98406.93	7.345E-01
5.00	2163.14	57149.93	3.934E-01
5.50	522.01	31479.21	1.686E-01
6.00	177.00	18011.24	9.925E-02

## He Gas - 52 u





Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1938515.63	2345606.30	4.762E+01
0.50	2094744.43	2671822.20	3.630E+01
1.00	2382932.29	3049264.29	3.576E+01
1.50	1883920.83	2167257.14	6.649E+01
2.00	1031399.79	1297956.69	3.869E+01
2.50	447684.48	719410.63	1.648E+01
3.00	173259.09	395387.11	7.800E+00
3.50	57185.05	235591.43	3.205E+00
4.00	18527.79	149063.71	1.419E+00
4.50	6356.15	94039.33	7.249E-01
5.00	2537.18	58575.64	4.528E-01
5.50	1374.08	34927.74	4.095E-01
6.00	506.01	21347.98	2.428E-01

## He Gas - 53 u

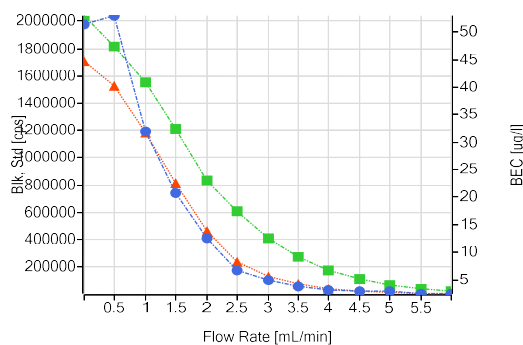


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	512936.64	596636.02	6.128E+01
0.50	634720.92	734137.14	6.384E+01
1.00	811293.33	856751.35	1.785E+02
1.50	694250.76	715893.70	3.208E+02
2.00	411598.29	434232.47	1.818E+02
2.50	201993.26	236534.39	5.848E+01
3.00	83251.24	109148.63	3.215E+01
3.50	28839.71	51913.39	1.250E+01
4.00	9670.67	25982.58	5.929E+00
4.50	3078.27	13500.20	2.954E+00
5.00	895.02	7779.73	1.300E+00
5.50	294.00	4580.60	6.859E-01
6.00	133.00	2751.22	5.080E-01

 Blk  
 Std  
 BEC

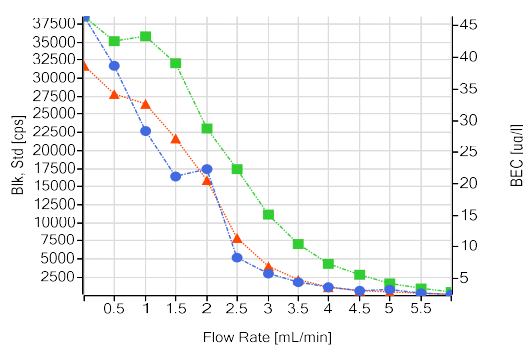
# Ramp Cell Gas

## He Gas - 56 u



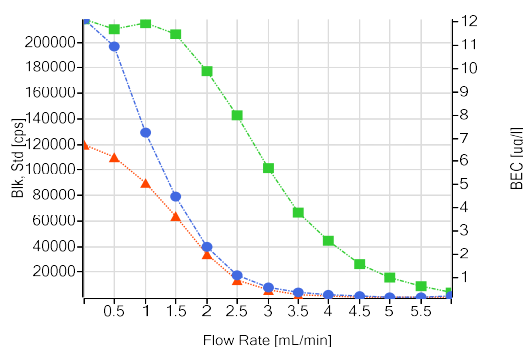
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1708305.10	2040050.89	5.149E+01
0.50	1524051.41	1811771.93	5.297E+01
1.00	1185792.53	1557929.32	3.186E+01
1.50	816882.50	1209581.56	2.080E+01
2.00	463622.49	836594.53	1.243E+01
2.50	242482.90	606910.92	6.654E+00
3.00	134134.82	411790.30	4.831E+00
3.50	73822.27	272083.20	3.723E+00
4.00	41006.03	175627.21	3.046E+00
4.50	23666.00	108648.36	2.785E+00
5.00	13982.62	64059.16	2.792E+00
5.50	7455.59	37021.16	2.522E+00
6.00	4117.49	20955.55	2.445E+00

## He Gas - 57 u



Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	31678.70	38502.35	4.642E+01
0.50	27852.20	35068.51	3.860E+01
1.00	26409.94	35723.14	2.836E+01
1.50	21750.20	31979.23	2.126E+01
2.00	15887.38	23018.49	2.228E+01
2.50	7891.79	17388.65	8.310E+00
3.00	4095.48	11216.94	5.751E+00
3.50	2186.14	7151.46	4.403E+00
4.00	1133.04	4283.86	3.596E+00
4.50	656.01	2808.23	3.048E+00
5.00	387.00	1561.07	3.296E+00
5.50	206.00	943.03	2.795E+00
6.00	106.00	527.01	2.518E+00

## He Gas - 75 u

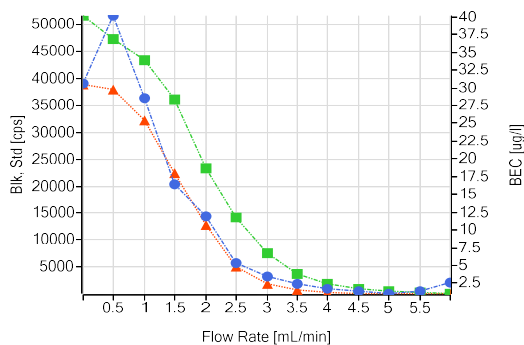


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	119506.47	218062.16	1.213E+01
0.50	109833.59	209883.95	1.098E+01
1.00	90245.93	214857.93	7.242E+00
1.50	63707.56	206415.74	4.464E+00
2.00	33502.55	177325.49	2.329E+00
2.50	14002.36	142960.60	1.086E+00
3.00	5454.87	101431.00	5.684E-01
3.50	2090.13	66782.73	3.231E-01
4.00	971.03	44340.31	2.239E-01
4.50	483.01	26395.22	1.864E-01
5.00	196.00	15296.80	1.298E-01
5.50	118.00	8575.14	1.395E-01
6.00	78.00	4271.53	1.860E-01



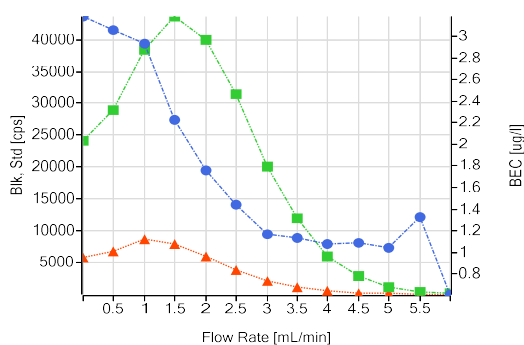
# Ramp Cell Gas

## He Gas - 77 u



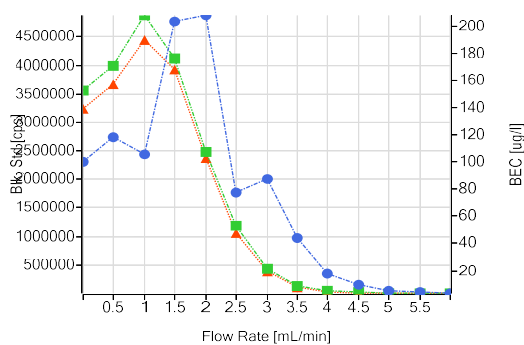
Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	38930.67	51657.45	3.059E+01
0.50	37861.77	47295.07	4.014E+01
1.00	32200.13	43491.58	2.852E+01
1.50	22404.58	36097.84	1.636E+01
2.00	12731.38	23435.97	1.189E+01
2.50	4934.04	14222.55	5.312E+00
3.00	1938.11	7454.95	3.513E+00
3.50	702.01	3687.06	2.352E+00
4.00	281.00	1880.10	1.757E+00
4.50	106.00	874.02	1.380E+00
5.00	38.00	415.01	1.008E+00
5.50	20.00	173.00	1.307E+00
6.00	14.00	67.00	2.642E+00

## He Gas - 78 u



Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	5837.66	24170.32	3.184E+00
0.50	6768.01	28877.69	3.061E+00
1.00	8695.53	38329.35	2.934E+00
1.50	7921.83	43581.89	2.221E+00
2.00	5984.38	39979.90	1.760E+00
2.50	3953.79	31355.28	1.443E+00
3.00	2104.13	20085.07	1.170E+00
3.50	1218.04	11984.18	1.131E+00
4.00	579.01	5951.03	1.078E+00
4.50	286.00	2914.25	1.088E+00
5.00	118.00	1253.05	1.040E+00
5.50	55.00	471.01	1.322E+00
6.00	12.00	209.00	6.091E-01

## He Gas - 80 u

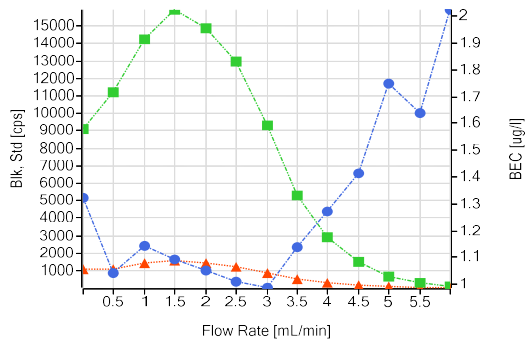


Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	3243660.13	3568693.22	9.979E+01
0.50	3678108.77	3989649.43	1.181E+02
1.00	4455134.78	4876811.11	1.057E+02
1.50	3928419.43	4121653.79	2.033E+02
2.00	2373409.74	2487545.78	2.079E+02
2.50	1053014.74	1189486.93	7.716E+01
3.00	384489.13	428437.42	8.749E+01
3.50	111730.72	137004.63	4.421E+01
4.00	28575.78	44424.12	1.803E+01
4.50	6714.32	13531.34	9.849E+00
5.00	1536.07	4391.56	5.379E+00
5.50	418.01	1512.07	3.821E+00
6.00	127.00	515.01	3.273E+00



# Ramp Cell Gas

He Gas - 82 u



Flow Rate [mL/min]	Blk [cps]	Std [cps]	BEC [ug/l]
0.00	1060.03	9089.09	1.320E+00
0.50	1056.70	11183.66	1.043E+00
1.00	1460.06	14242.59	1.142E+00
1.50	1570.07	15934.09	1.093E+00
2.00	1413.39	14863.11	1.051E+00
2.50	1193.38	12998.27	1.011E+00
3.00	837.02	9315.86	9.872E-01
3.50	544.01	5320.83	1.139E+00
4.00	328.00	2906.91	1.272E+00
4.50	186.00	1501.07	1.414E+00
5.00	100.00	672.01	1.748E+00
5.50	41.00	291.00	1.640E+00
6.00	17.00	101.00	2.024E+00

