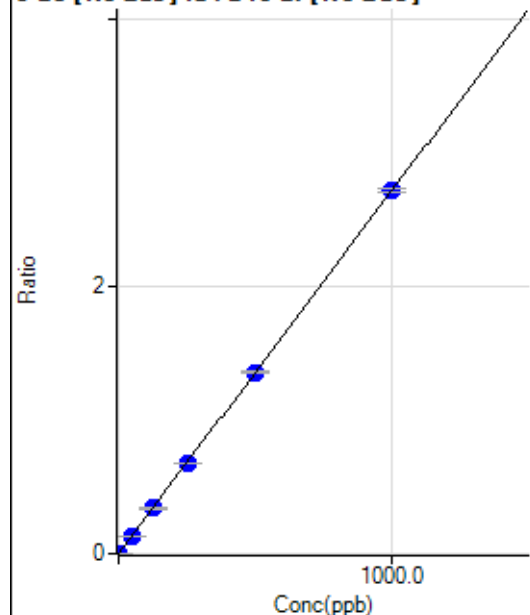


Batch Folder: D:\ICP-MS Data\P7013117.b\
Analysis File: P7013117.batch.bin
DA Date-Time: 2017-01-31 22:34:43
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-01-31 18:36:58
2			
3	004CALS.d	S02	2017-01-31 18:45:26
4	005CALS.d	S03	2017-01-31 18:49:18
5	006CALS.d	S04	2017-01-31 18:53:24
6	007CALS.d	S05	2017-01-31 18:57:10
7	008CALS.d	S06	2017-01-31 19:00:52
8	009CALS.d	S07	2017-01-31 19:04:30
9	010CALS.d	S08	2017-01-31 19:08:05

9 Be [No Gas] ISTD:6 Li [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0001	P	75.8
2	☐	0.100					
3	☐	1.000	0.965	1031.55	0.0027	P	10.6
4	☐	50.000	49.885	51699.45	0.1354	P	0.5
5	☐	125.000	124.913	127695.54	0.3388	P	1.9
6	☐	250.000	248.911	249828.43	0.6750	P	0.8
7	☐	500.000	499.482	488536.45	1.3544	P	0.9
8	☐	1000.000	1000.548	953753.08	2.7130	P	0.9
9	☐			157.41	0.0005	P	9.1

$$y = 0.0027 * x + 1.1599E-004$$

$$R = 1.0000$$

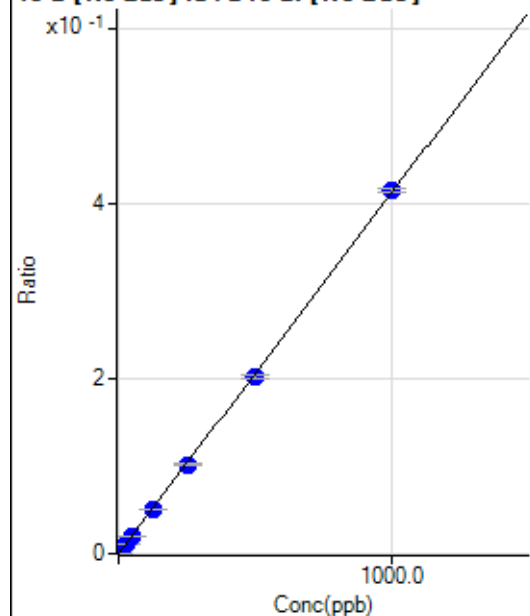
$$DL = 0.09726$$

$$BEC = 0.04278$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0003	P	30.6
2	☐	2.500					
3	☐	25.000	23.633	3783.96	0.0100	P	1.2
4	☐	50.000	47.084	7518.85	0.0197	P	2.5
5	☐	125.000	121.050	18912.44	0.0502	P	1.9
6	☐	250.000	245.651	37578.13	0.1015	P	2.7
7	☐	500.000	491.216	73135.51	0.2028	P	1.5
8	☐	1000.000	1006.153	145899.83	0.4150	P	1.0
9	☐			1894.63	0.0058	P	10.3

$$y = 4.1220E-004 * x + 2.8189E-004$$

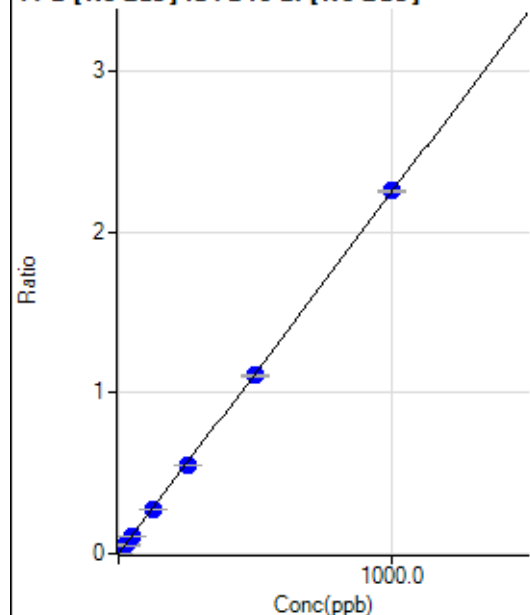
$$R = 0.9999$$

$$DL = 0.6281$$

$$BEC = 0.6839$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	555.59	0.0015	P	35.6
2	☐	2.500					
3	☐	25.000	23.633	20564.70	0.0545	P	3.1
4	☐	50.000	48.939	42488.55	0.1112	P	0.5
5	☐	125.000	120.744	102653.11	0.2723	P	1.0
6	☐	250.000	244.681	203713.48	0.5504	P	0.5
7	☐	500.000	494.087	400368.81	1.1100	P	0.7
8	☐	1000.000	1004.905	793098.29	2.2560	P	0.8
9	☐			11318.64	0.0346	P	9.2

$$y = 0.0022 * x + 0.0015$$

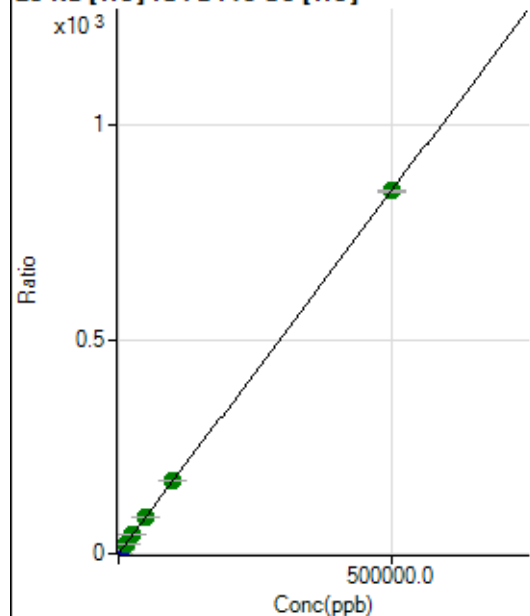
$$R = 1.0000$$

$$DL = 0.6904$$

$$BEC = 0.6466$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18481.42	0.0668	P	3.2
2	☐	50.000					
3	☐	500.000	500.595	254630.87	0.9145	P	0.6
4	☐	5000.000	5348.668	2560504.25	9.1242	P	0.3
5	☐	12500.000	13073.107	6259548.53	22.2047	A	0.5
6	☐	25000.000	26008.238	12244902.53	44.1089	A	0.1
7	☐	50000.000	50733.089	24370840.48	85.9778	A	0.8
8	☐	100000.00	99526.644	48660444.84	168.6045	A	0.3
9	☐	500000.00	499953.13	246978922.1	846.6842	A	0.3

$$y = 0.0017 * x + 0.0668$$

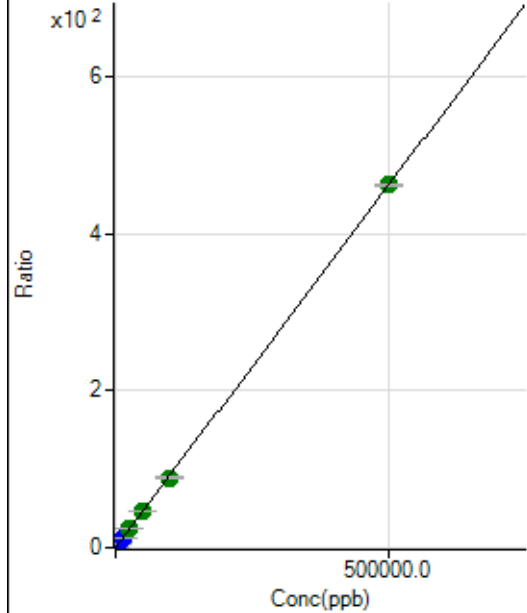
$$R = 1.0000$$

$$DL = 3.819$$

$$BEC = 39.42$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.68	0.0009	P	6.8
2	☐	50.000					
3	☐	500.000	493.919	127357.16	0.4574	P	1.6
4	☐	5000.000	5167.083	1340425.19	4.7765	P	0.1
5	☐	12500.000	12861.039	3351126.96	11.8876	P	0.4
6	☐	25000.000	25313.453	6494851.71	23.3966	A	0.7
7	☐	50000.000	49519.945	12973683.63	45.7692	A	0.3
8	☐	100000.00	96732.777	25802912.56	89.4053	A	0.7
9	☐	500000.00	500675.08	134983018.3	462.7453	A	0.7

$$y = 9.2424\text{E-}004 * x + 8.7300\text{E-}004$$

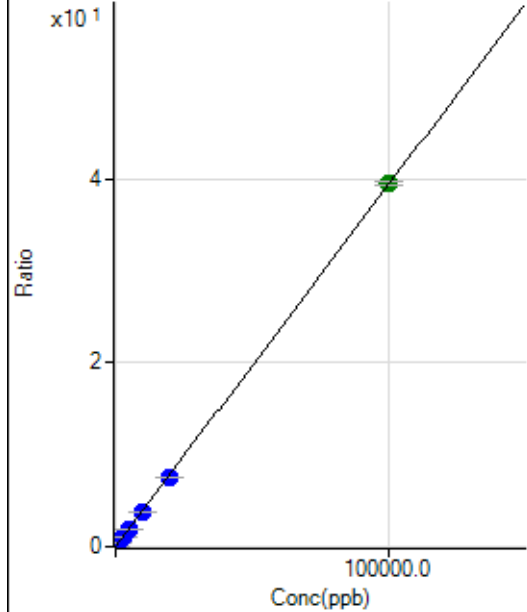
$$R = 1.0000$$

$$DL = 0.194$$

$$BEC = 0.9446$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0002	P	42.9
2	☐	2.000					
3	☐	20.000	19.017	2144.70	0.0077	P	9.1
4	☐	1000.000	974.807	107882.07	0.3844	P	1.2
5	☐	2500.000	2446.587	271911.38	0.9646	P	0.8
6	☐	5000.000	4900.973	536318.07	1.9320	P	0.5
7	☐	10000.000	9620.979	1074979.59	3.7924	P	0.2
8	☐	20000.000	19066.235	2168975.13	7.5153	P	0.3
9	☐	100000.00	100231.19	11524180.81	39.5070	A	1.0

$$y = 3.9416\text{E-}004 * x + 2.1074\text{E-}004$$

$$R = 0.9999$$

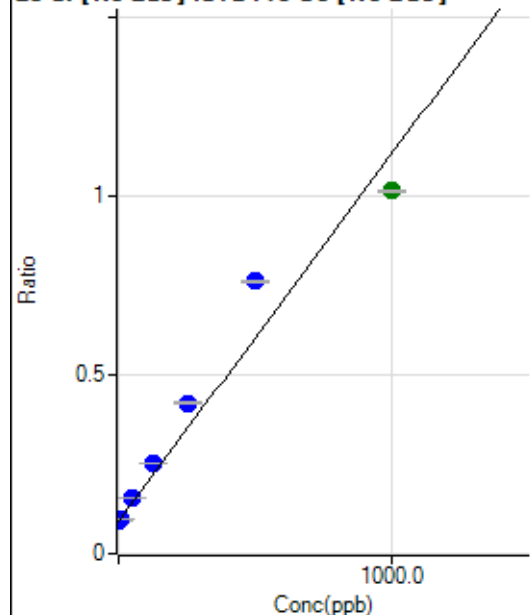
$$DL = 0.6874$$

$$BEC = 0.5347$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480645.04	0.0900	P	0.2
2	☐	1.000					
3	☐	10.000	5.750	511030.06	0.0959	P	0.3
4	☐	50.000	62.480	829470.26	0.1542	P	0.5
5	☐	125.000	158.209	1361937.23	0.2524	P	1.4
6	☐	250.000	322.808	2271388.90	0.4214	P	0.7
7	☐	500.000	654.214	4110303.91	0.7617	P	0.7
8	☐	1000.000	899.958	5454239.10	1.0140	A	0.3
9	☐			575755.75	0.1072	P	0.5

$$y = 0.0010 * x + 0.0900$$

$$R = 0.9770$$

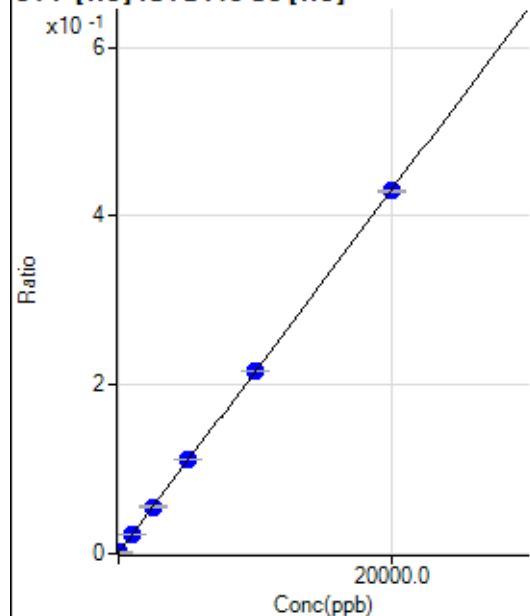
$$DL = 0.5064$$

$$BEC = 87.69$$

Weight: <None>

Min Conc: 0

31 P [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-12.695	175.01	0.0006	P	12.6
2	☐	0.000					
3	☐	0.000	12.695	327.80	0.0012	P	11.5
4	☐	1000.000	981.330	6173.72	0.0220	P	1.8
5	☐	2500.000	2539.133	15642.11	0.0555	P	2.5
6	☐	5000.000	5114.378	30771.55	0.1108	P	0.3
7	☐	10000.000	10012.861	61268.68	0.2161	P	0.4
8	☐	20000.000	19961.017	124101.80	0.4300	P	0.3
9	☐			222.23	0.0008	P	12.2

$$y = 2.1497E-005 * x + 9.0509E-004$$

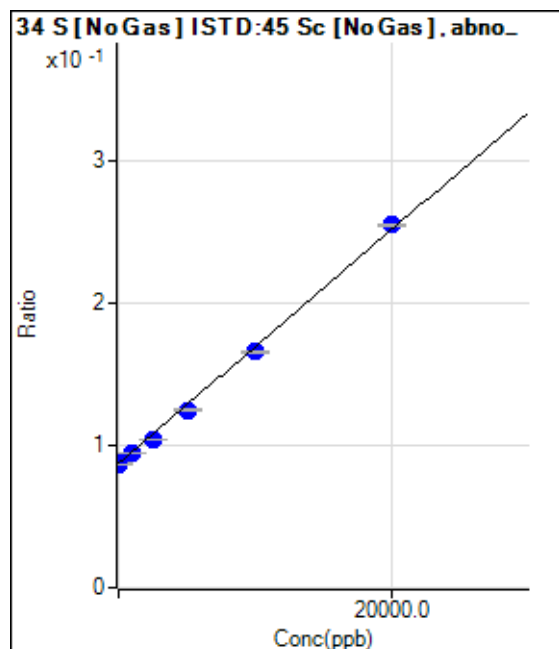
$$R = 1.0000$$

$$DL = 15.01$$

$$BEC = 42.1$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	63.353	470155.86	0.0881	P	0.7
2	☐	0.000					
3	☐	0.000	-63.353	463563.30	0.0870	P	0.6
4	☐	1000.000	861.667	509166.43	0.0946	P	0.6
5	☐	2500.000	2098.604	565531.91	0.1048	P	0.1
6	☐	5000.000	4546.542	673591.70	0.1250	P	0.5
7	☐	10000.000	9556.358	897052.34	0.1662	P	0.5
8	☐	20000.000	20392.277	1374124.97	0.2555	P	0.6
9	☐			449540.70	0.0837	P	1.5

$$y = 8.2341\text{E-}006 * x + 0.0875$$

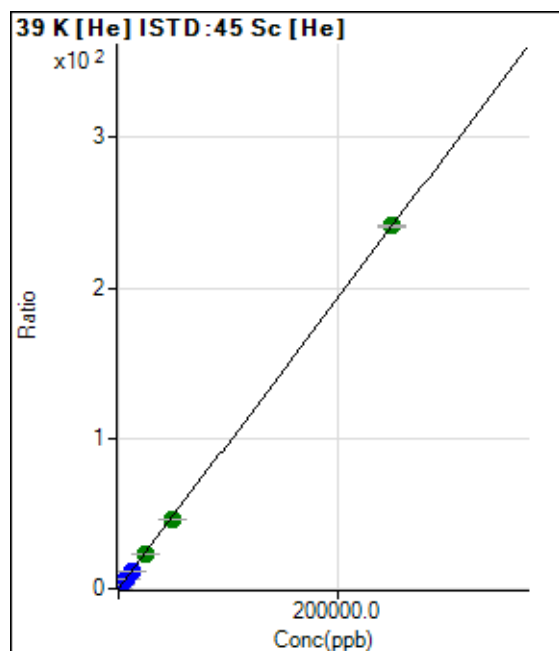
$$R = 0.9993$$

$$DL = 209.9$$

$$BEC = 1.063\text{E}+04$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38784.96	0.1401	P	1.1
2	☐	50.000					
3	☐	500.000	457.556	161656.73	0.5806	P	0.9
4	☐	2500.000	2465.762	705432.46	2.5138	P	0.5
5	☐	6250.000	6155.445	1709925.49	6.0656	P	0.4
6	☐	12500.000	12395.673	3351455.09	12.0728	P	0.5
7	☐	25000.000	24168.556	6634605.96	23.4060	A	0.3
8	☐	50000.000	47872.781	13340834.50	46.2249	A	0.3
9	☐	250000.00	250516.59	70387550.88	241.3002	A	0.6

$$y = 9.6265\text{E-}004 * x + 0.1401$$

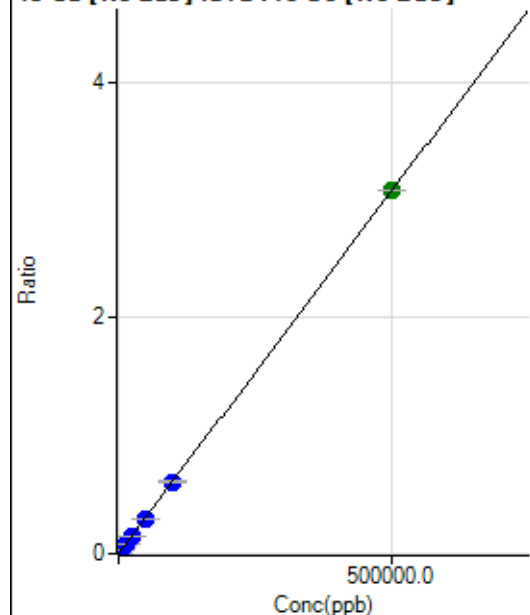
$$R = 1.0000$$

$$DL = 4.631$$

$$BEC = 145.5$$

Weight: <None>

Min Conc: 0

43 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	744.49	0.0001	P	5.5
2	☐	50.000					
3	☐	500.000	463.585	15939.77	0.0030	P	1.6
4	☐	5000.000	4947.637	164558.19	0.0306	P	0.4
5	☐	12500.000	12332.709	410194.92	0.0760	P	0.9
6	☐	25000.000	24482.425	812757.01	0.1508	P	0.5
7	☐	50000.000	48900.531	1624670.50	0.3011	P	0.3
8	☐	100000.00	99294.499	3287561.55	0.6112	P	0.8
9	☐	500000.00	500281.66	16538994.81	3.0787	A	0.1

$$y = 6.1537\text{E-}006 * x + 1.3943\text{E-}004$$

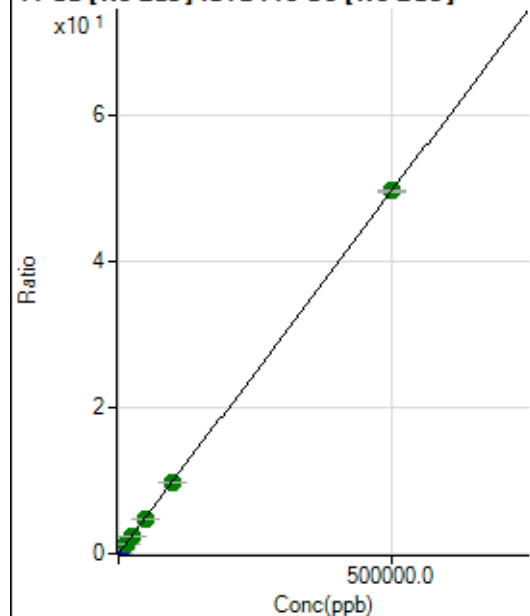
$$R = 1.0000$$

$$DL = 3.748$$

$$BEC = 22.66$$

Weight: <None>

Min Conc: 0

44 Ca [No Gas] ISTD:45 Sc [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24335.01	0.0046	P	3.3
2	☐	50.000					
3	☐	500.000	461.007	267946.26	0.0503	P	0.7
4	☐	5000.000	4977.295	2681495.89	0.4984	P	0.8
5	☐	12500.000	12276.177	6596156.01	1.2226	A	0.5
6	☐	25000.000	24219.149	12975885.79	2.4076	A	0.9
7	☐	50000.000	48715.236	26108449.71	4.8380	A	0.5
8	☐	100000.00	97713.975	52176025.47	9.6997	A	0.7
9	☐	500000.00	500630.58	266861728.1	49.6767	A	0.7

$$y = 9.9219\text{E-}005 * x + 0.0046$$

$$R = 1.0000$$

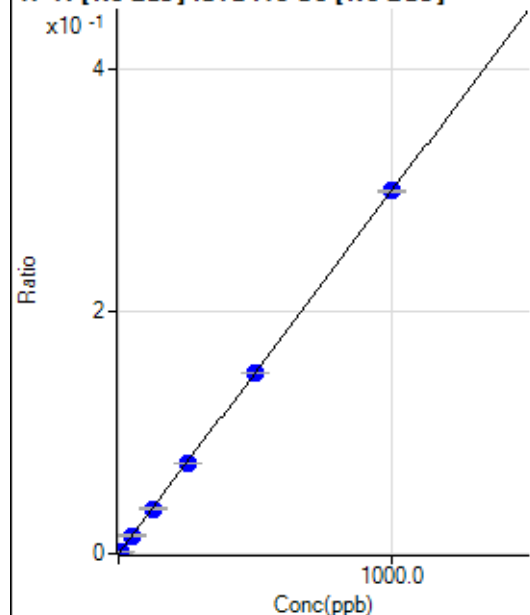
$$DL = 4.573$$

$$BEC = 45.94$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.547	7346.59	0.0014	P	1.5
4	☐	50.000	50.055	80751.66	0.0150	P	1.6
5	☐	125.000	124.446	201184.97	0.0373	P	0.8
6	☐	250.000	250.139	403892.77	0.0749	P	0.8
7	☐	500.000	498.758	806249.97	0.1494	P	0.5
8	☐	1000.000	1000.655	1612278.40	0.2997	P	0.7
9	☐			1389.01	0.0003	P	1.6

$$y = 2.9951\text{E-}004 * x + 1.7174\text{E-}005$$

$$R = 1.0000$$

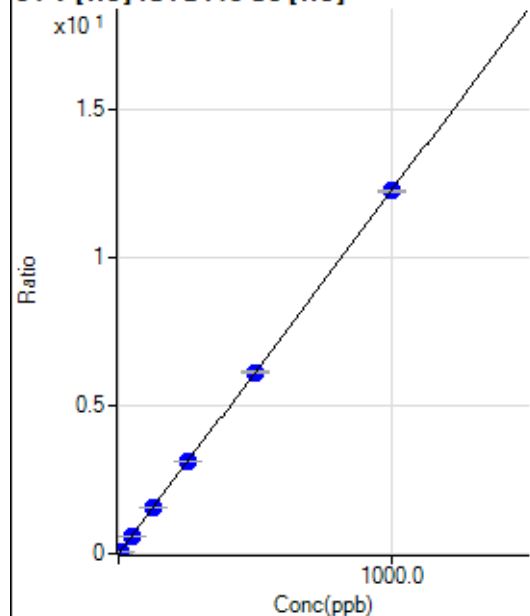
$$DL = 0.0274$$

$$BEC = 0.05734$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0002	P	3.5
2	☐	0.500					
3	☐	5.000	4.697	16074.51	0.0577	P	2.3
4	☐	50.000	50.134	172345.47	0.6141	P	0.7
5	☐	125.000	125.397	432950.54	1.5358	P	0.2
6	☐	250.000	252.728	859215.28	3.0951	P	0.3
7	☐	500.000	499.238	1733011.54	6.1139	P	0.6
8	☐	1000.000	999.644	3533042.65	12.2418	P	0.5
9	☐			1195.63	0.0041	P	8.7

$$y = 0.0122 * x + 2.0069\text{E-}004$$

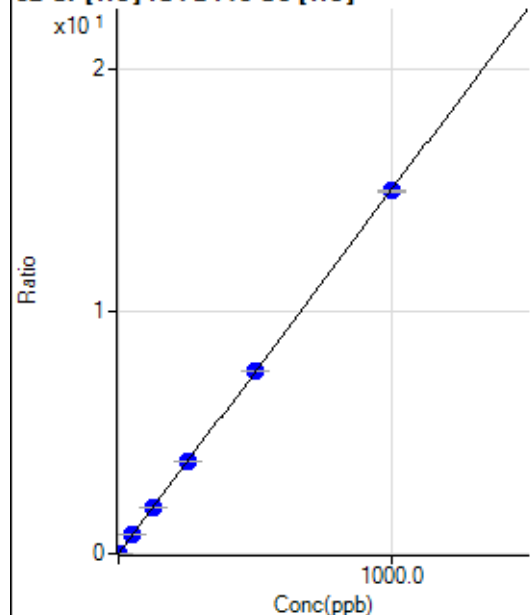
$$R = 1.0000$$

$$DL = 0.001698$$

$$BEC = 0.01639$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1043.39	0.0038	P	15.8
2	☐	0.200					
3	☐	2.000	1.986	9361.99	0.0336	P	1.5
4	☐	50.000	51.255	217296.49	0.7743	P	0.9
5	☐	125.000	127.441	541169.40	1.9197	P	0.3
6	☐	250.000	254.416	1062860.10	3.8287	P	0.2
7	☐	500.000	502.735	2143466.95	7.5619	P	0.5
8	☐	1000.000	997.160	4327626.22	14.9951	P	0.6
9	☐			96990.75	0.3325	P	0.4

$$y = 0.0150 * x + 0.0038$$

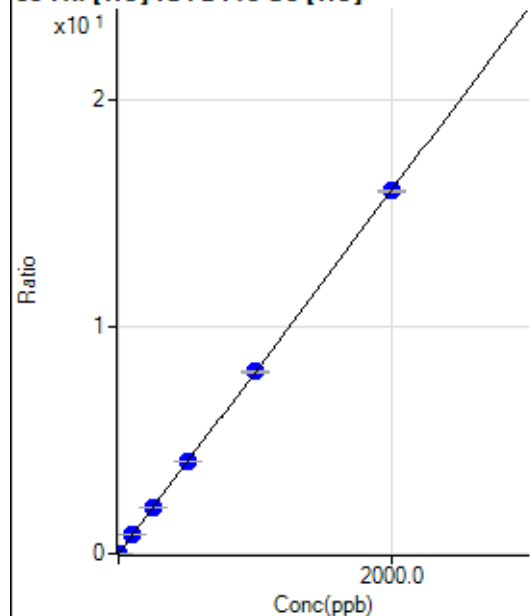
$$R = 1.0000$$

$$DL = 0.1189$$

$$BEC = 0.2507$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.22	0.0003	P	26.0
2	☐	0.100					
3	☐	1.000	0.999	2305.78	0.0083	P	1.1
4	☐	100.000	102.285	229403.87	0.8175	P	0.5
5	☐	250.000	253.767	571604.71	2.0277	P	0.2
6	☐	500.000	507.489	1125603.80	4.0547	P	0.3
7	☐	1000.000	1000.505	2265811.53	7.9935	P	0.3
8	☐	2000.000	1997.290	4605293.16	15.9570	P	0.3
9	☐			18798.89	0.0644	P	1.0

$$y = 0.0080 * x + 2.9699E-004$$

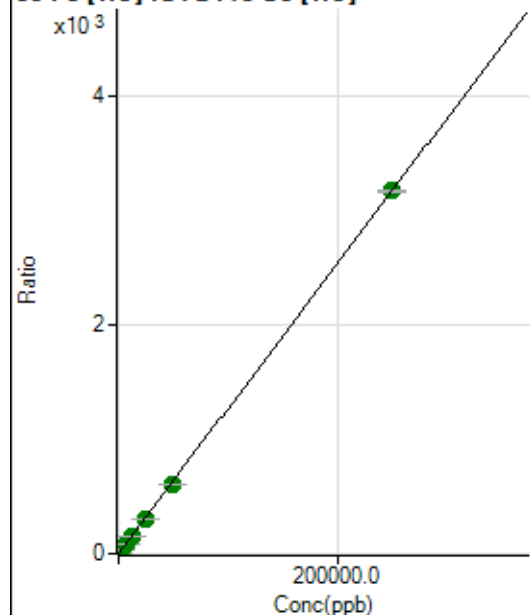
$$R = 1.0000$$

$$DL = 0.029$$

$$BEC = 0.03717$$

Weight: <None>

Min Conc: 0

56 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4185.91	0.0151	P	5.1
2	☐	5.000					
3	☐	50.000	47.025	169892.27	0.6101	P	0.6
4	☐	2500.000	2501.081	8885320.92	31.6624	A	0.5
5	☐	6250.000	6243.893	22276186.15	79.0218	A	0.4
6	☐	12500.000	12386.596	43513738.47	156.7480	A	0.4
7	☐	25000.000	24268.063	87046042.69	307.0893	A	0.7
8	☐	50000.000	47971.596	175190131.6	607.0202	A	0.5
9	☐	250000.00	250484.68	924545205.8	3,169.504	A	0.7

$$y = 0.0127 * x + 0.0151$$

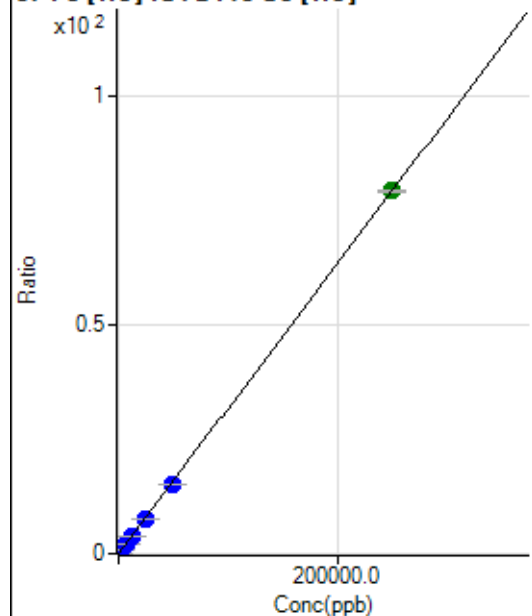
$$R = 1.0000$$

$$DL = 0.1836$$

$$BEC = 1.195$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.93	0.0003	P	22.3
2	☐	5.000					
3	☐	50.000	46.437	4161.81	0.0149	P	1.1
4	☐	2500.000	2457.579	217958.54	0.7767	P	1.0
5	☐	6250.000	6149.190	547730.90	1.9430	P	0.4
6	☐	12500.000	12244.103	1073919.18	3.8685	P	0.6
7	☐	25000.000	24045.302	2153382.31	7.5969	P	0.5
8	☐	50000.000	47736.601	4352702.32	15.0817	P	0.2
9	☐	250000.00	250563.89	23091232.92	79.1608	A	0.7

$$y = 3.1593E-004 * x + 2.7425E-004$$

$$R = 1.0000$$

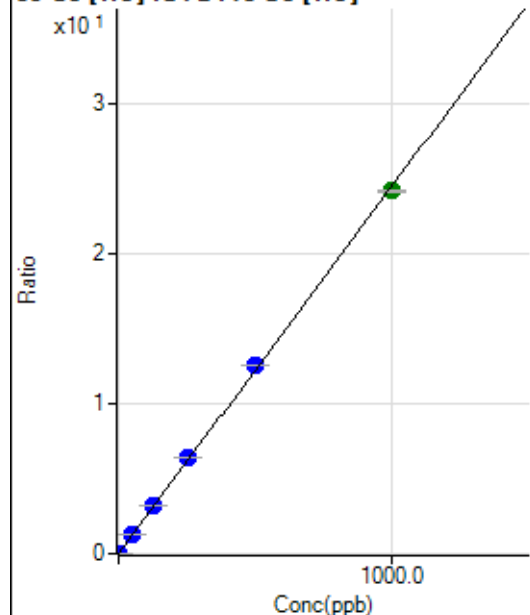
$$DL = 0.5808$$

$$BEC = 0.8681$$

Weight: <None>

Min Conc: 0

59 Co [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	256.67	0.0009	P	7.2
2	☐	0.100					
3	☐	1.000	0.986	6970.65	0.0250	P	0.8
4	☐	50.000	52.703	361964.96	1.2899	P	0.7
5	☐	125.000	130.835	902271.28	3.2007	P	0.5
6	☐	250.000	261.920	1778475.49	6.4066	P	0.5
7	☐	500.000	514.484	3566855.23	12.5834	P	0.0
8	☐	1000.000	988.914	6980450.87	24.1862	A	0.6
9	☐			9343.12	0.0320	P	1.4

$$y = 0.0245 * x + 9.2716E-004$$

$$R = 0.9998$$

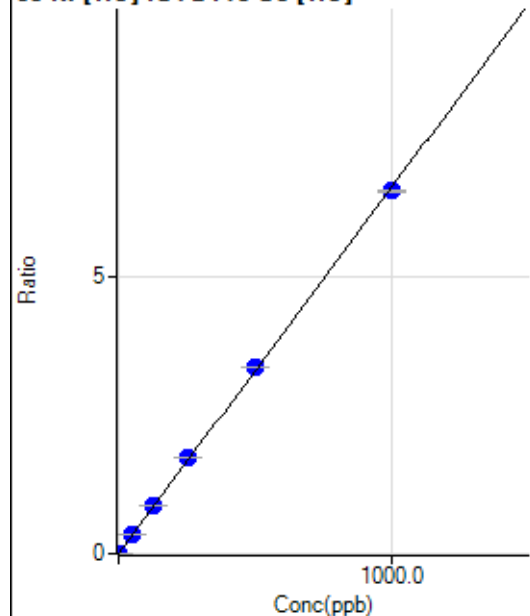
$$DL = 0.008168$$

$$BEC = 0.03791$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0004	P	13.6
2	☐	0.100					
3	☐	1.000	1.033	1997.95	0.0072	P	1.8
4	☐	50.000	53.297	98809.99	0.3521	P	0.8
5	☐	125.000	131.181	244154.74	0.8661	P	0.4
6	☐	250.000	262.750	481490.37	1.7344	P	1.1
7	☐	500.000	509.980	954128.92	3.3660	P	0.5
8	☐	1000.000	990.885	1887408.53	6.5399	P	0.7
9	☐			23392.17	0.0802	P	2.6

$$y = 0.0066 * x + 3.5722E-004$$

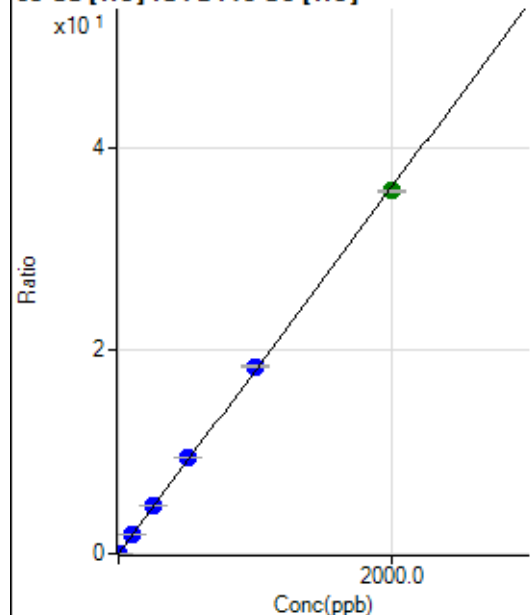
$$R = 0.9998$$

$$DL = 0.02207$$

$$BEC = 0.05413$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	528.91	0.0019	P	5.4
2	☐	0.200					
3	☐	2.000	2.078	10973.17	0.0394	P	0.7
4	☐	100.000	105.348	533961.63	1.9027	P	0.4
5	☐	250.000	261.613	1331210.59	4.7223	P	0.6
6	☐	500.000	522.174	2616071.28	9.4237	P	0.7
7	☐	1000.000	1023.331	5234354.47	18.4662	P	0.5
8	☐	2000.000	1981.072	10316805.54	35.7470	A	0.4
9	☐			15537.32	0.0533	P	2.5

$$y = 0.0180 * x + 0.0019$$

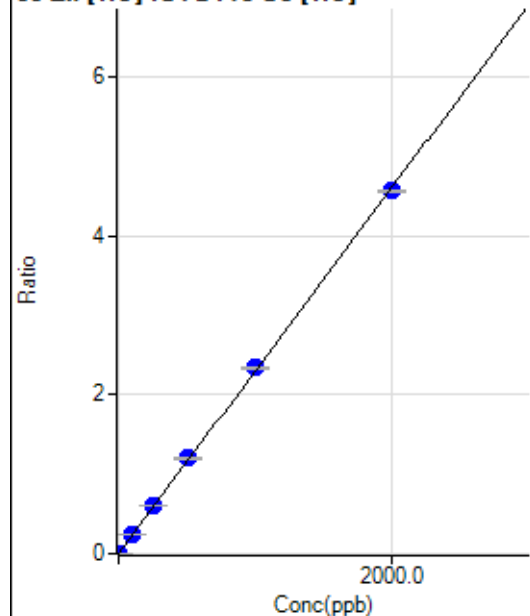
$$R = 0.9998$$

$$DL = 0.017$$

$$BEC = 0.1059$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0004	P	12.0
2	☐	0.200					
3	☐	2.000	2.093	1451.21	0.0052	P	10.7
4	☐	100.000	104.977	67796.67	0.2416	P	0.7
5	☐	250.000	261.781	169660.91	0.6018	P	0.2
6	☐	500.000	520.723	332231.33	1.1968	P	0.6
7	☐	1000.000	1016.173	661885.48	2.3350	P	0.7
8	☐	2000.000	1985.011	1316297.93	4.5609	P	0.6
9	☐			7366.41	0.0253	P	2.6

$$y = 0.0023 * x + 4.0540E-004$$

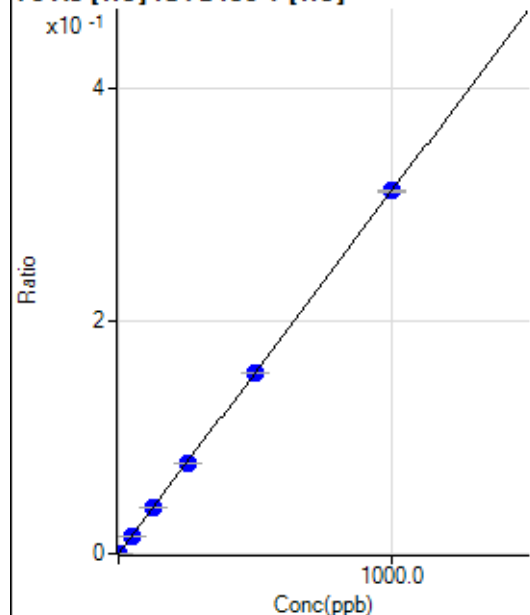
$$R = 0.9999$$

$$DL = 0.06373$$

$$BEC = 0.1765$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.95	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	0.949	487.05	0.0003	P	7.6
4	☐	50.000	49.821	24018.04	0.0155	P	1.0
5	☐	125.000	125.387	60759.42	0.0390	P	0.3
6	☐	250.000	250.235	119727.65	0.0779	P	0.2
7	☐	500.000	498.362	242041.51	0.1551	P	0.2
8	☐	1000.000	1000.721	492011.34	0.3114	P	0.3
9	☐			759.90	0.0005	P	3.0

$$y = 3.1118\text{E-}004 * x + 2.2209\text{E-}005$$

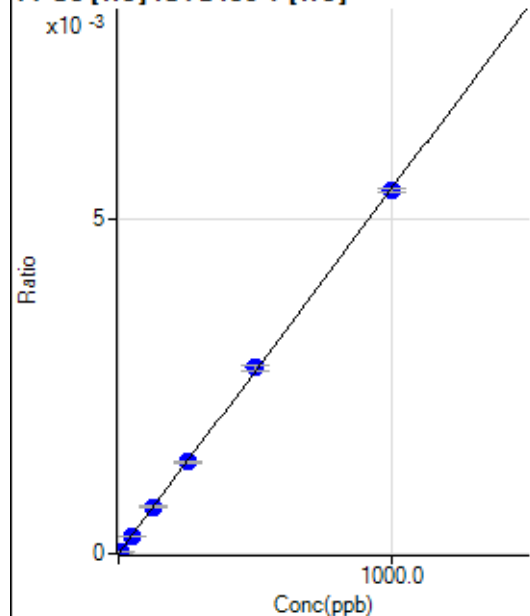
$$R = 1.0000$$

$$DL = 0.02373$$

$$BEC = 0.07137$$

Weight: <None>

Min Conc: 0

77 Se [He] ISTD:89 Y [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	4.639	42.22	0.0000	P	4.2
4	☐	50.000	48.297	411.12	0.0003	P	5.4
5	☐	125.000	128.194	1092.28	0.0007	P	2.7
6	☐	250.000	250.357	2103.52	0.0014	P	2.6
7	☐	500.000	510.552	4351.83	0.0028	P	3.2
8	☐	1000.000	994.323	8576.00	0.0054	P	1.1
9	☐			14.44	0.0000	P	35.0

$$y = 5.4573\text{E-}006 * x + 2.1892\text{E-}006$$

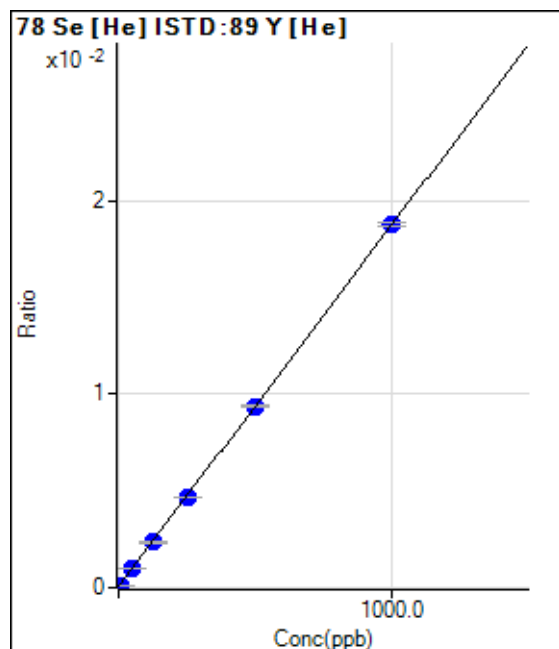
$$R = 0.9999$$

$$DL = 1.206$$

$$BEC = 0.4012$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.10	0.0001	P	14.1
2	☐	0.500					
3	☐	5.000	4.424	209.26	0.0001	P	15.2
4	☐	50.000	48.664	1490.21	0.0010	P	2.6
5	☐	125.000	123.598	3679.51	0.0024	P	3.2
6	☐	250.000	248.244	7215.43	0.0047	P	0.4
7	☐	500.000	498.724	14632.13	0.0094	P	1.2
8	☐	1000.000	1001.322	29656.84	0.0188	P	1.2
9	☐			168.52	0.0001	P	3.3

$$y = 1.8693\text{E-}005 * x + 5.3686\text{E-}005$$

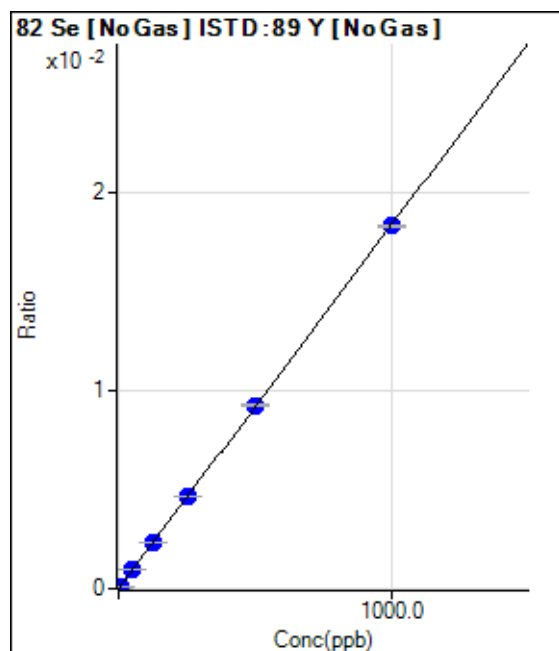
$$R = 1.0000$$

$$DL = 1.215$$

$$BEC = 2.872$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.33	0.0000	P	163.
2	☐	0.500					
3	☐	5.000	4.682	837.03	0.0001	P	6.4
4	☐	50.000	50.428	8661.17	0.0009	P	1.0
5	☐	125.000	126.518	21654.15	0.0023	P	0.2
6	☐	250.000	252.518	43082.84	0.0046	P	1.1
7	☐	500.000	503.586	85808.45	0.0092	P	0.7
8	☐	1000.000	997.368	170459.56	0.0183	P	0.8
9	☐			444.51	0.0000	P	32.6

$$y = 1.8322\text{E-}005 * x + 5.0186\text{E-}006$$

$$R = 1.0000$$

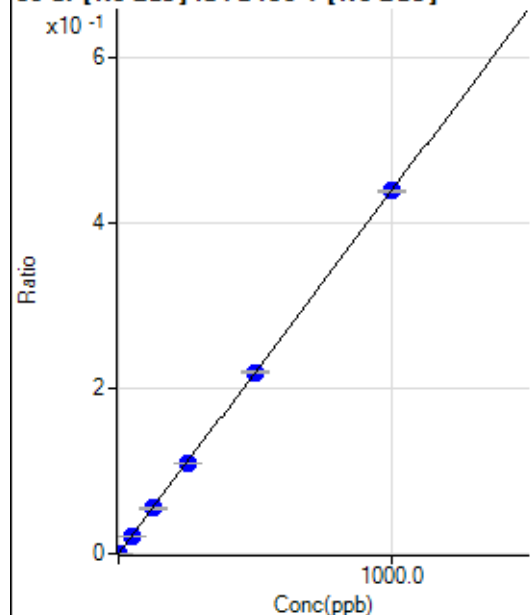
$$DL = 1.346$$

$$BEC = 0.2739$$

Weight: <None>

Min Conc: 0

86 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1119.54	0.0001	P	5.5
2	☐	0.100					
3	☐	1.000	0.899	4759.34	0.0005	P	4.5
4	☐	50.000	49.852	205238.10	0.0220	P	0.3
5	☐	125.000	124.555	510956.03	0.0548	P	1.1
6	☐	250.000	249.484	1020242.15	0.1097	P	0.6
7	☐	500.000	500.528	2044110.83	0.2199	P	0.3
8	☐	1000.000	999.928	4095874.96	0.4392	P	0.6
9	☐			118544.69	0.0131	P	0.7

$$y = 4.3912\text{E-}004 * x + 1.2167\text{E-}004$$

$$R = 1.0000$$

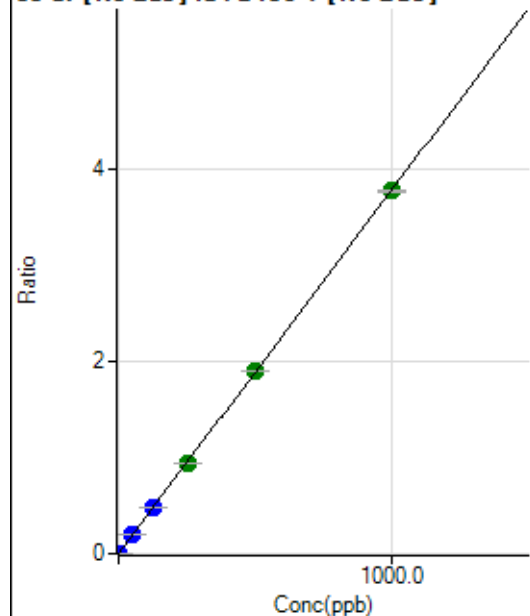
$$DL = 0.04549$$

$$BEC = 0.2771$$

Weight: <None>

Min Conc: 0

88 Sr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	22.9
2	☐	0.100					
3	☐	1.000	0.909	31747.28	0.0034	P	1.7
4	☐	50.000	50.795	1788050.24	0.1918	P	0.4
5	☐	125.000	127.999	4504475.75	0.4833	P	0.2
6	☐	250.000	250.482	8796704.54	0.9457	A	0.5
7	☐	500.000	501.672	17604490.15	1.8940	A	0.5
8	☐	1000.000	998.629	35158509.82	3.7702	A	0.6
9	☐			1025972.15	0.1134	P	0.5

$$y = 0.0038 * x + 1.2075\text{E-}005$$

$$R = 1.0000$$

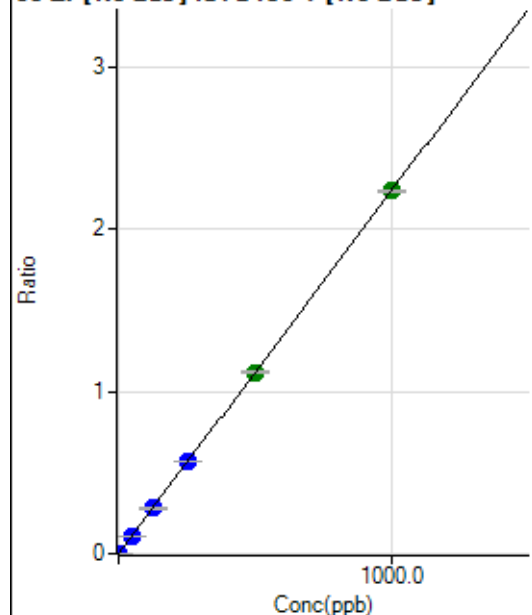
$$DL = 0.002201$$

$$BEC = 0.003198$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1052.87	0.0001	P	5.2
2	☐	0.100					
3	☐	1.000	0.720	15912.28	0.0017	P	1.4
4	☐	50.000	49.054	1024995.85	0.1099	P	0.7
5	☐	125.000	124.771	2604865.57	0.2795	P	0.7
6	☐	250.000	252.470	5258953.07	0.5654	P	0.2
7	☐	500.000	499.890	10403834.43	1.1193	A	0.3
8	☐	1000.000	999.514	20869189.53	2.2379	A	0.5
9	☐			5673.57	0.0006	P	6.4

$$y = 0.0022 * x + 1.1441E-004$$

$$R = 1.0000$$

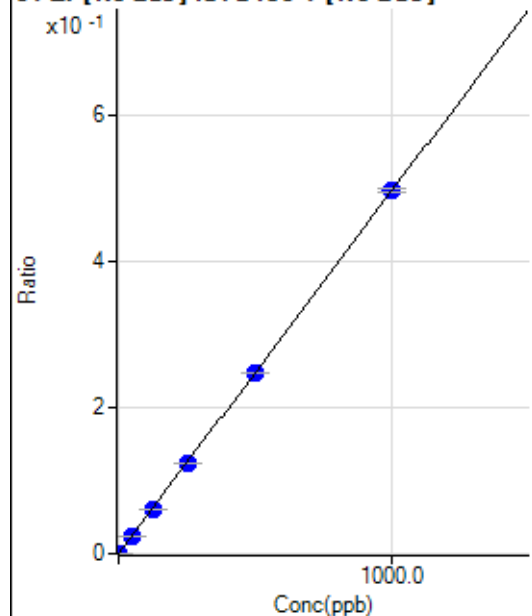
$$DL = 0.007941$$

$$BEC = 0.0511$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	233.35	0.0000	P	22.4
2	☐	0.100					
3	☐	1.000	0.707	3467.24	0.0004	P	1.7
4	☐	50.000	48.947	226671.50	0.0243	P	1.2
5	☐	125.000	123.126	569711.32	0.0611	P	0.6
6	☐	250.000	249.306	1150934.25	0.1237	P	0.5
7	☐	500.000	498.627	2299962.20	0.2474	P	0.3
8	☐	1000.000	1001.147	4632807.87	0.4968	P	1.0
9	☐			1222.33	0.0001	P	7.8

$$y = 4.9620E-004 * x + 2.5359E-005$$

$$R = 1.0000$$

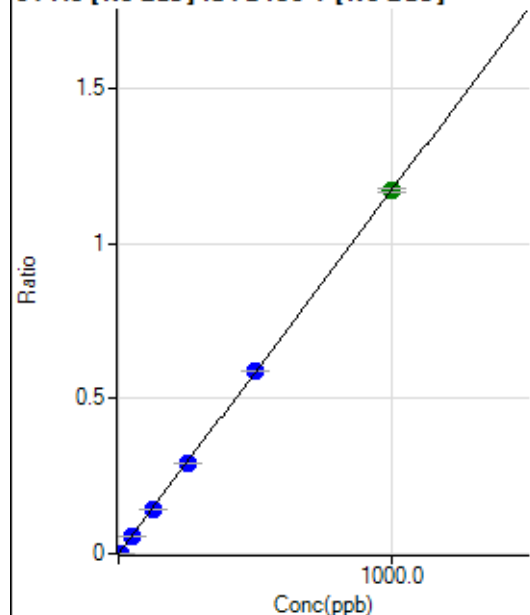
$$DL = 0.03429$$

$$BEC = 0.05111$$

Weight: <None>

Min Conc: 0

94 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	750.06	0.0001	P	7.5
2	☐	0.500					
3	☐	5.000	1.886	21110.75	0.0023	P	0.6
4	☐	50.000	48.587	531464.58	0.0570	P	1.3
5	☐	125.000	123.084	1344879.34	0.1443	P	0.3
6	☐	250.000	248.933	2713539.00	0.2917	P	0.6
7	☐	500.000	502.568	5473450.30	0.5889	P	0.6
8	☐	1000.000	999.308	10918487.31	1.1708	A	1.0
9	☐			20401.44	0.0023	P	4.1

$$y = 0.0012 * x + 8.1518E-005$$

$$R = 1.0000$$

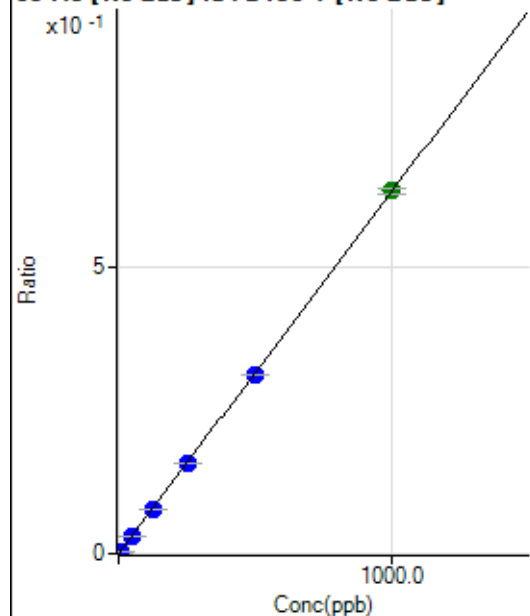
$$DL = 0.0157$$

$$BEC = 0.06958$$

Weight: <None>

Min Conc: 0

95 Mo [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	547.25	0.0001	P	21.6
2	☐	0.500					
3	☐	5.000	4.465	26578.37	0.0029	P	0.5
4	☐	50.000	48.630	287436.09	0.0308	P	0.5
5	☐	125.000	122.964	725786.49	0.0779	P	0.6
6	☐	250.000	247.478	1457158.72	0.1566	P	0.2
7	☐	500.000	495.364	2913936.22	0.3135	P	0.4
8	☐	1000.000	1003.274	5920510.24	0.6349	A	1.4
9	☐			31995.30	0.0035	P	6.5

$$y = 6.3274E-004 * x + 5.9492E-005$$

$$R = 1.0000$$

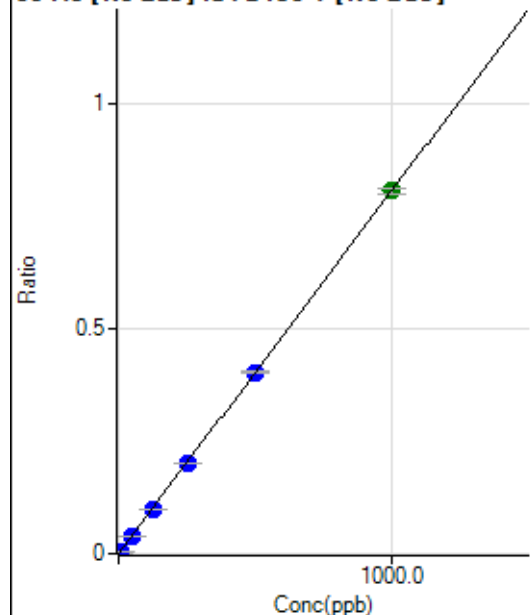
$$DL = 0.06089$$

$$BEC = 0.09402$$

Weight: <None>

Min Conc: 0

96 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.61	0.0001	P	7.7
2	☐	0.500					
3	☐	5.000	3.871	29489.79	0.0032	P	1.0
4	☐	50.000	48.347	364433.04	0.0391	P	0.6
5	☐	125.000	123.260	927766.61	0.0995	P	0.9
6	☐	250.000	249.407	1872679.45	0.2013	P	0.4
7	☐	500.000	499.869	3749696.22	0.4034	P	0.6
8	☐	1000.000	1000.519	7529105.90	0.8074	A	1.9
9	☐			38934.84	0.0043	P	6.2

$$y = 8.0689\text{E-}004 * x + 7.6672\text{E-}005$$

$$R = 1.0000$$

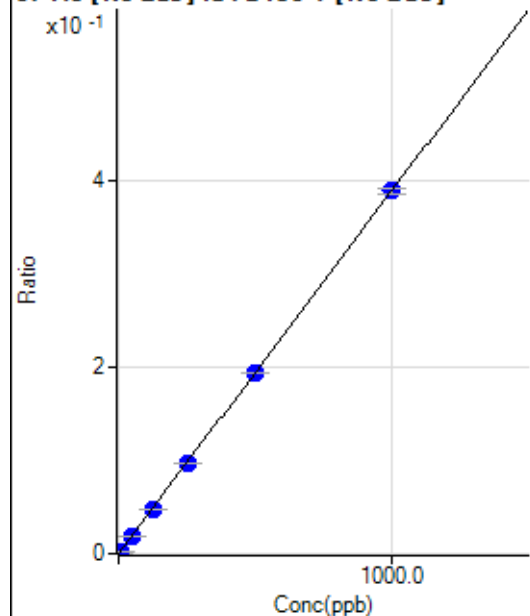
$$DL = 0.02199$$

$$BEC = 0.09502$$

Weight: <None>

Min Conc: 0

97 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.91	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.492	16537.94	0.0018	P	1.1
4	☐	50.000	49.044	178541.00	0.0191	P	0.7
5	☐	125.000	123.016	447078.32	0.0480	P	0.6
6	☐	250.000	248.941	902449.10	0.0970	P	0.2
7	☐	500.000	499.216	1807920.01	0.1945	P	0.3
8	☐	1000.000	1000.955	3636390.49	0.3900	P	1.5
9	☐			20429.34	0.0023	P	7.1

$$y = 3.8953\text{E-}004 * x + 4.4988\text{E-}005$$

$$R = 1.0000$$

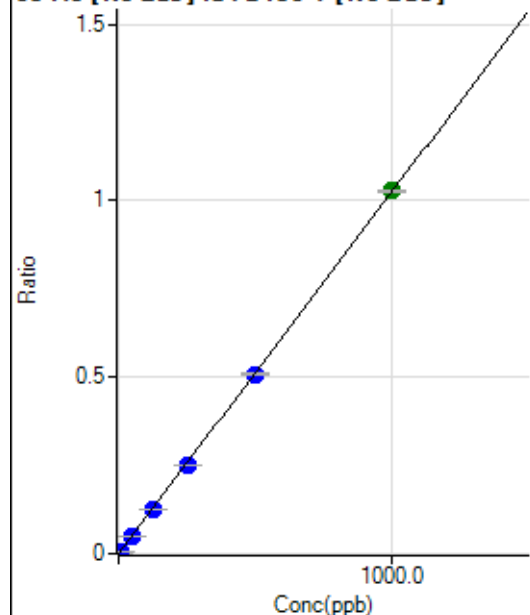
$$DL = 0.05864$$

$$BEC = 0.1155$$

Weight: <None>

Min Conc: 0

98 Mo [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	866.74	0.0001	P	35.5
2	☐	0.500					
3	☐	5.000	4.421	42578.48	0.0046	P	2.1
4	☐	50.000	48.260	461629.39	0.0495	P	0.7
5	☐	125.000	121.047	1156250.82	0.1240	P	0.5
6	☐	250.000	245.547	2339766.00	0.2515	P	0.4
7	☐	500.000	495.999	4721686.13	0.5080	P	0.7
8	☐	1000.000	1003.698	9585357.51	1.0279	A	0.5
9	☐			50504.68	0.0056	P	7.2

$$y = 0.0010 * x + 9.4247E-005$$

$$R = 1.0000$$

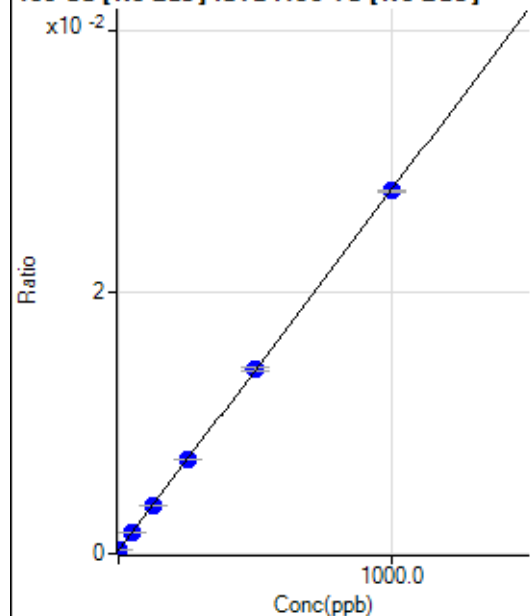
$$DL = 0.0981$$

$$BEC = 0.09204$$

Weight: <None>

Min Conc: 0

106 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2750.40	0.0003	P	8.9
2	☐	0.100					
3	☐	1.000	0.945	3006.01	0.0003	P	4.7
4	☐	50.000	50.546	17878.61	0.0016	P	2.2
5	☐	125.000	124.897	40185.93	0.0037	P	1.2
6	☐	250.000	253.338	79112.12	0.0072	P	1.0
7	☐	500.000	503.906	152125.96	0.0141	P	1.6
8	☐	1000.000	997.198	297928.83	0.0277	P	0.7
9	☐			2614.24	0.0003	P	2.2

$$y = 2.7559E-005 * x + 2.5329E-004$$

$$R = 1.0000$$

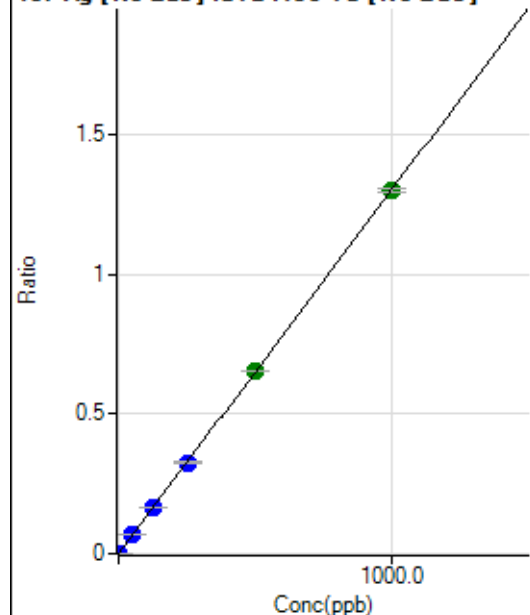
$$DL = 2.444$$

$$BEC = 9.191$$

Weight: <None>

Min Conc: 0

107 Ag [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	24.8
2	☐	0.100					
3	☐	1.000	1.084	15308.78	0.0014	P	1.6
4	☐	50.000	50.583	715429.17	0.0659	P	1.1
5	☐	125.000	126.533	1791790.42	0.1648	P	0.8
6	☐	250.000	251.169	3576182.28	0.3270	P	0.6
7	☐	500.000	503.209	7048928.98	0.6552	A	0.2
8	☐	1000.000	997.882	13956890.59	1.2993	A	1.0
9	☐			2053.02	0.0002	P	6.6

$$y = 0.0013 * x + 1.1268E-005$$

$$R = 1.0000$$

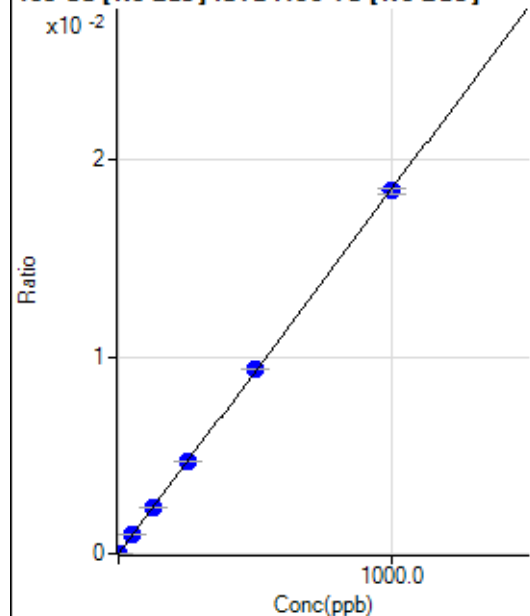
$$DL = 0.00645$$

$$BEC = 0.008654$$

Weight: <None>

Min Conc: 0

108 Cd [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	66.5
2	☐	0.100					
3	☐	1.000	0.859	187.50	0.0000	P	6.4
4	☐	50.000	51.708	10403.98	0.0010	P	1.8
5	☐	125.000	125.251	25208.82	0.0023	P	0.4
6	☐	250.000	251.657	50910.76	0.0047	P	0.7
7	☐	500.000	507.302	100953.52	0.0094	P	0.1
8	☐	1000.000	995.818	197843.45	0.0184	P	1.5
9	☐			54.17	0.0000	P	20.1

$$y = 1.8495E-005 * x + 1.5363E-006$$

$$R = 1.0000$$

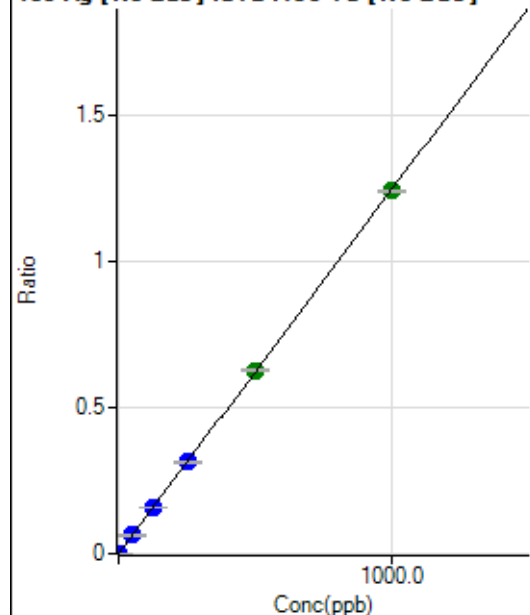
$$DL = 0.1656$$

$$BEC = 0.08307$$

Weight: <None>

Min Conc: 0

109 Ag [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0000	P	26.3
2	☐	0.100					
3	☐	1.000	1.077	14569.24	0.0014	P	0.6
4	☐	50.000	50.526	684407.35	0.0630	P	1.3
5	☐	125.000	125.797	1706121.87	0.1569	P	0.8
6	☐	250.000	251.343	3427454.63	0.3134	P	0.5
7	☐	500.000	504.478	6768037.04	0.6291	A	0.6
8	☐	1000.000	997.299	13359386.41	1.2437	A	0.9
9	☐			1780.75	0.0002	P	12.5

$$y = 0.0012 * x + 1.0493E-005$$

$$R = 1.0000$$

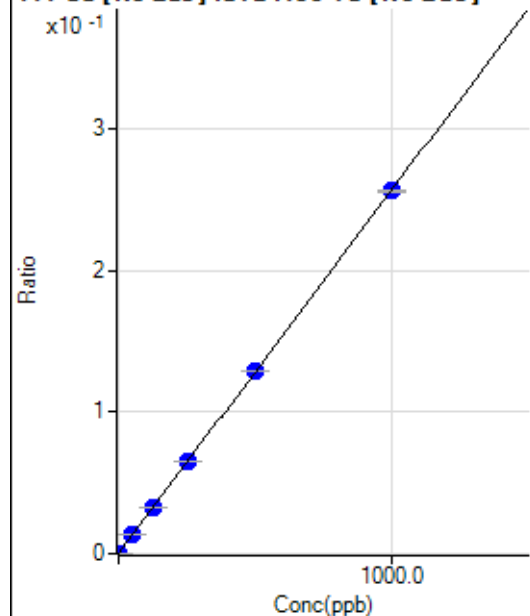
$$DL = 0.006644$$

$$BEC = 0.008415$$

Weight: <None>

Min Conc: 0

111 Cd [No Gas] ISTD:159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1955.29	0.0002	P	8.2
2	☐	0.100					
3	☐	1.000	0.935	4520.46	0.0004	P	2.6
4	☐	50.000	50.852	143688.22	0.0132	P	1.2
5	☐	125.000	127.339	357339.59	0.0329	P	0.5
6	☐	250.000	252.009	709157.22	0.0649	P	0.3
7	☐	500.000	501.650	1386908.43	0.1289	P	0.5
8	☐	1000.000	998.338	2754057.43	0.2564	P	0.8
9	☐			2175.40	0.0002	P	1.8

$$y = 2.5663E-004 * x + 1.8006E-004$$

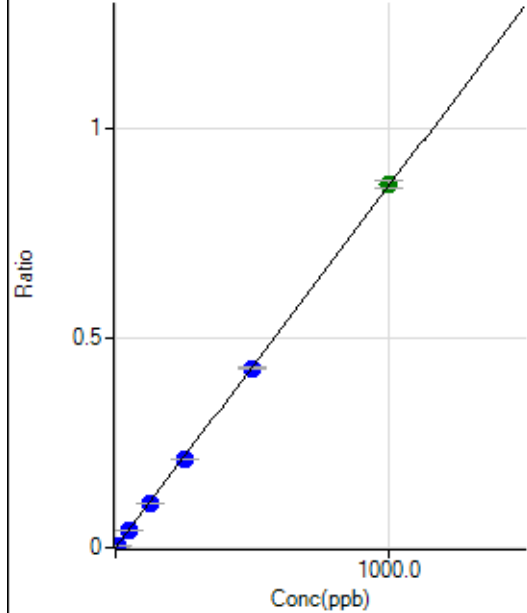
$$R = 1.0000$$

$$DL = 0.1736$$

$$BEC = 0.7017$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1361.24	0.0001	P	12.9
2	☐	0.500					
3	☐	5.000	4.475	42888.53	0.0040	P	1.9
4	☐	50.000	48.972	460217.34	0.0424	P	0.6
5	☐	125.000	122.106	1146920.41	0.1055	P	1.2
6	☐	250.000	244.086	2303922.08	0.2107	P	0.8
7	☐	500.000	496.037	4605083.35	0.4281	P	0.8
8	☐	1000.000	1003.876	9303449.51	0.8662	A	2.0
9	☐			13304.10	0.0013	P	8.0

$$y = 8.6270E-004 * x + 1.2519E-004$$

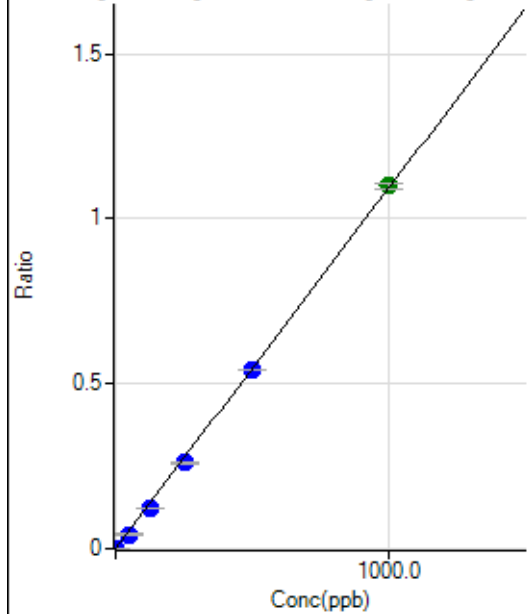
$$R = 1.0000$$

$$DL = 0.05621$$

$$BEC = 0.1451$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2917.11	0.0003	P	6.7
2	☐	0.200					
3	☐	2.000	1.584	21497.74	0.0020	P	1.0
4	☐	50.000	39.737	473923.72	0.0436	P	2.3
5	☐	125.000	113.821	1353958.55	0.1245	P	0.8
6	☐	250.000	237.954	2842914.21	0.2600	P	0.8
7	☐	500.000	496.164	5828850.00	0.5418	P	0.4
8	☐	1000.000	1006.841	11806458.34	1.0992	A	1.9
9	☐			62953.53	0.0062	P	5.8

$$y = 0.0011 * x + 2.6845E-004$$

$$R = 0.9999$$

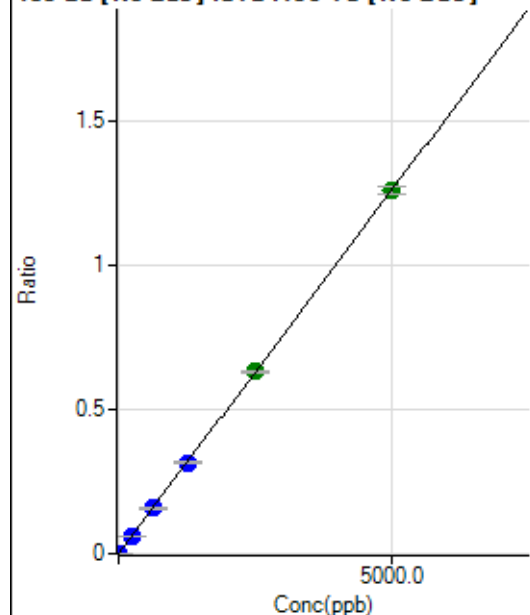
$$DL = 0.04931$$

$$BEC = 0.246$$

Weight: <None>

Min Conc: 0

135 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	16.9
2	☐	1.000					
3	☐	10.000	9.081	24750.70	0.0023	P	1.1
4	☐	250.000	249.898	684790.02	0.0631	P	1.2
5	☐	625.000	623.290	1710036.28	0.1572	P	1.0
6	☐	1250.000	1255.739	3463983.45	0.3168	P	1.3
7	☐	2500.000	2505.634	6800287.13	0.6321	A	0.8
8	☐	5000.000	4995.969	13537194.75	1.2603	A	2.1
9	☐			4953.88	0.0005	P	6.1

$$y = 2.5227\text{E-}004 * x + 9.2090\text{E-}006$$

$$R = 1.0000$$

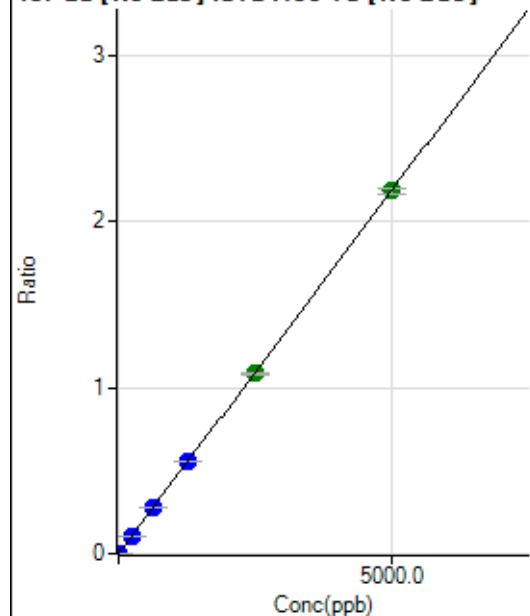
$$DL = 0.01855$$

$$BEC = 0.0365$$

Weight: <None>

Min Conc: 0

137 Ba [No Gas] ISTD :159 Tb [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	41.9
2	☐	1.000					
3	☐	10.000	9.260	43647.35	0.0041	P	0.5
4	☐	250.000	249.980	1184873.88	0.1091	P	0.8
5	☐	625.000	628.383	2981972.12	0.2742	P	1.0
6	☐	1250.000	1273.391	6075857.78	0.5557	P	1.1
7	☐	2500.000	2489.005	11684353.65	1.0861	A	0.9
8	☐	5000.000	4999.229	23431741.15	2.1814	A	1.4
9	☐			8728.09	0.0009	P	3.7

$$y = 4.3635\text{E-}004 * x + 1.5124\text{E-}005$$

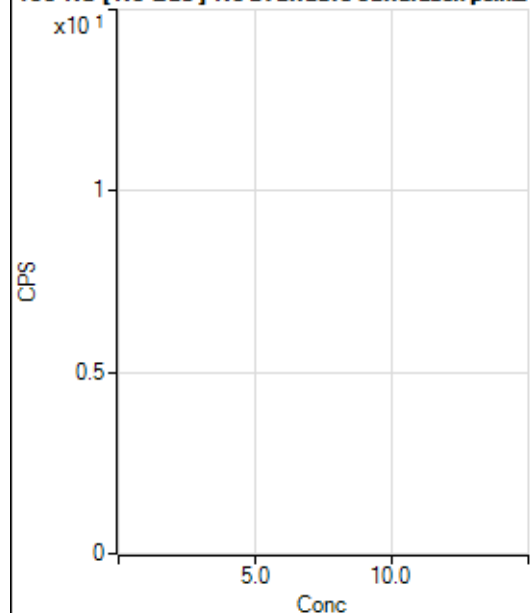
$$R = 1.0000$$

$$DL = 0.04355$$

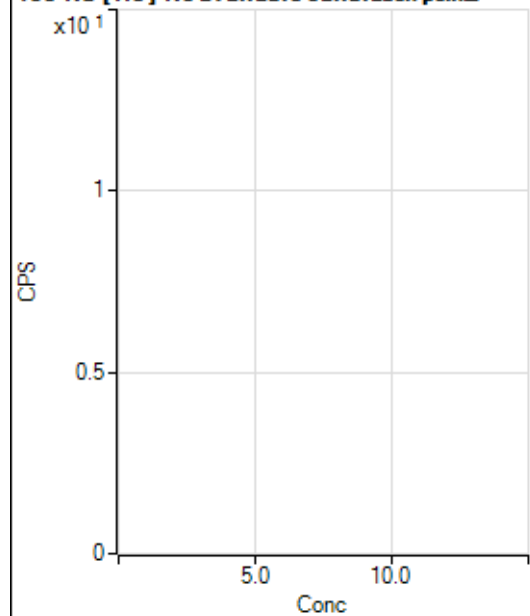
$$BEC = 0.03466$$

Weight: <None>

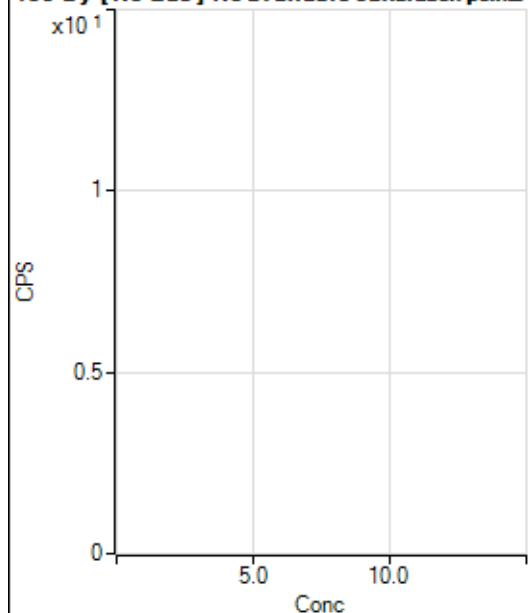
Min Conc: 0

150 Nd [No Gas] No available calibration points

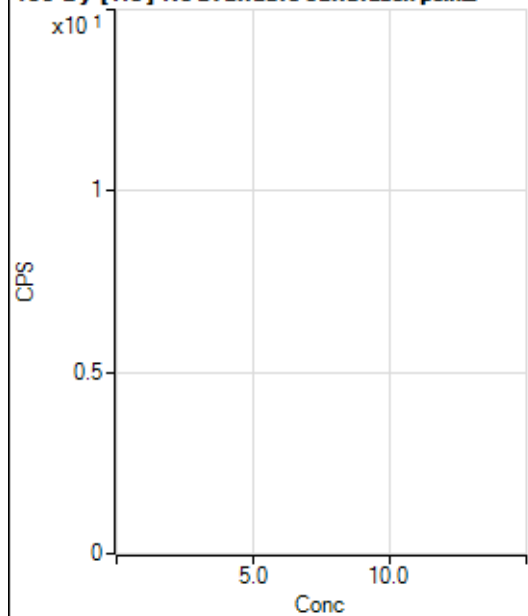
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			4.45		P	86.6
4	☐			31.11		P	44.6
5	☐			66.67		P	17.3
6	☐			137.78		P	22.9
7	☐			322.24		P	3.2
8	☐			544.47		P	8.6
9	☐			115.56		P	12.0

150 Nd [He] No available calibration points

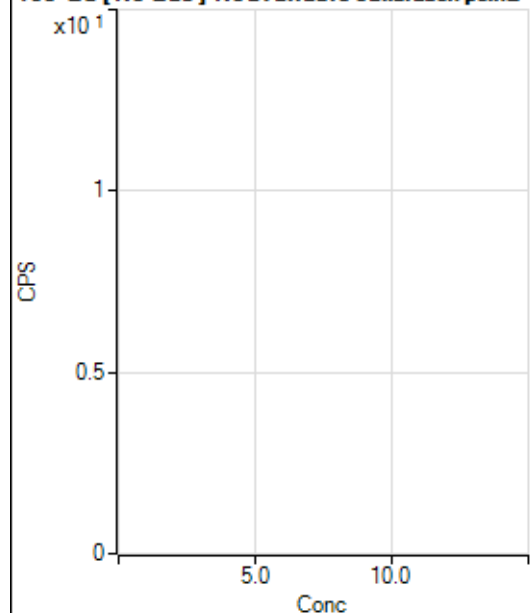
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.
5	☐			6.67		P	50.0
6	☐			18.89		P	44.4
7	☐			36.67		P	50.6
8	☐			55.56		P	18.3
9	☐			70.00		P	19.0

156 Dy [No Gas] No available calibration points

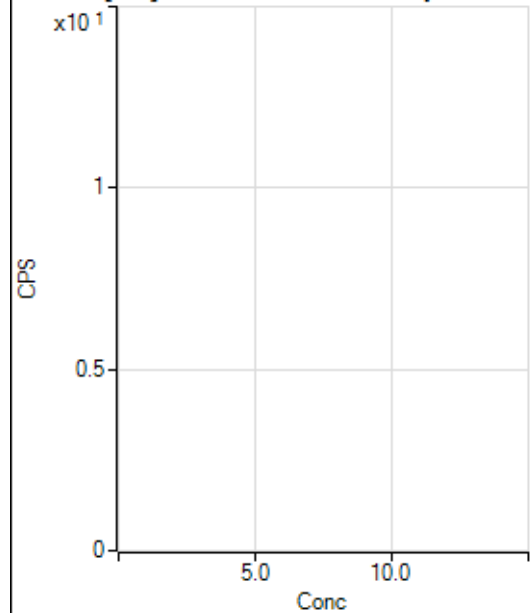
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			11.11		P	114.
4	☐			8.33		P	100.
5	☐			19.45		P	24.7
6	☐			44.45		P	47.2
7	☐			66.67		P	21.7
8	☐			147.23		P	36.4
9	☐			144.45		P	40.9

156 Dy [He] No available calibration points

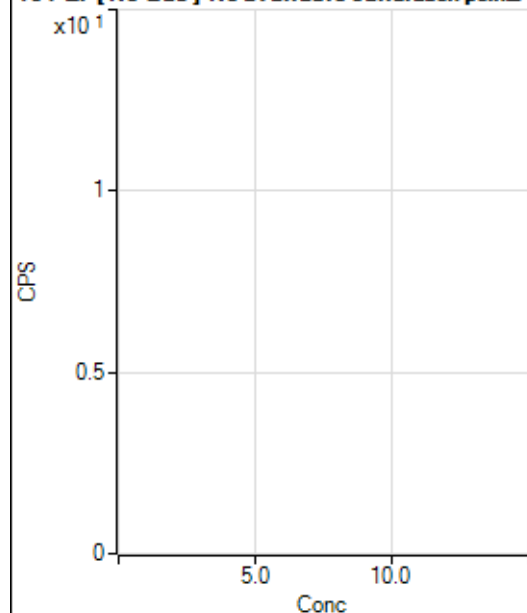
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	43.4
5	☐			3.33		P	173.
6	☐			15.56		P	12.4
7	☐			16.67		P	52.9
8	☐			37.78		P	22.2
9	☐			80.00		P	11.0

160 Gd [No Gas] Noavailable calibration poin...

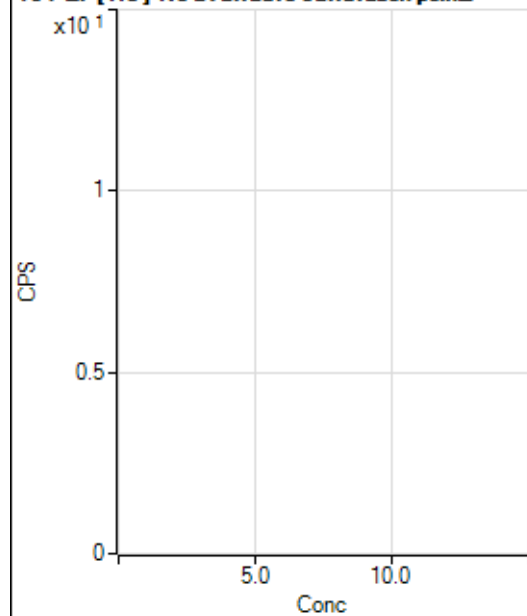
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	11.1
2	☐						
3	☐			58.34		P	14.3
4	☐			55.56		P	17.3
5	☐			88.89		P	69.1
6	☐			58.34		P	49.5
7	☐			105.56		P	39.7
8	☐			119.45		P	10.7
9	☐			172.23		P	29.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	50.9
2	☐						
3	☐			28.89		P	46.6
4	☐			34.44		P	43.6
5	☐			45.55		P	52.9
6	☐			33.33		P	10.0
7	☐			38.89		P	32.4
8	☐			71.11		P	37.6
9	☐			97.78		P	15.4

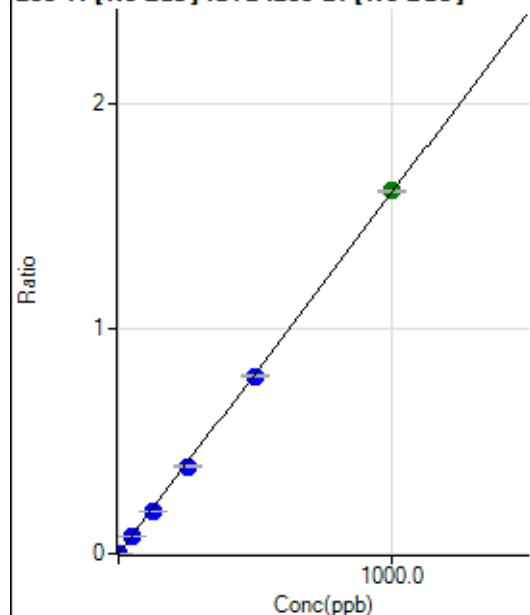
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			63.89		P	39.8
4	☐			30.56		P	41.7
5	☐			55.56		P	8.7
6	☐			27.78		P	45.8
7	☐			47.22		P	10.2
8	☐			63.89		P	15.1
9	☐			83.34		P	43.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	52.9
2	☐						
3	☐			40.00		P	38.2
4	☐			17.78		P	10.8
5	☐			17.78		P	65.8
6	☐			17.78		P	65.8
7	☐			25.55		P	52.7
8	☐			36.67		P	32.8
9	☐			68.89		P	10.1

203 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	25.5
2	☐	0.100					
3	☐	1.000	0.890	9398.16	0.0015	P	3.5
4	☐	50.000	47.614	502941.96	0.0764	P	0.3
5	☐	125.000	119.628	1248786.85	0.1919	P	0.1
6	☐	250.000	241.952	2498060.84	0.3882	P	0.8
7	☐	500.000	492.886	4983733.75	0.7908	P	0.5
8	☐	1000.000	1006.360	9900556.30	1.6146	A	0.5
9	☐			2444.78	0.0005	P	7.0

$$y = 0.0016 * x + 2.4775E-005$$

$$R = 0.9999$$

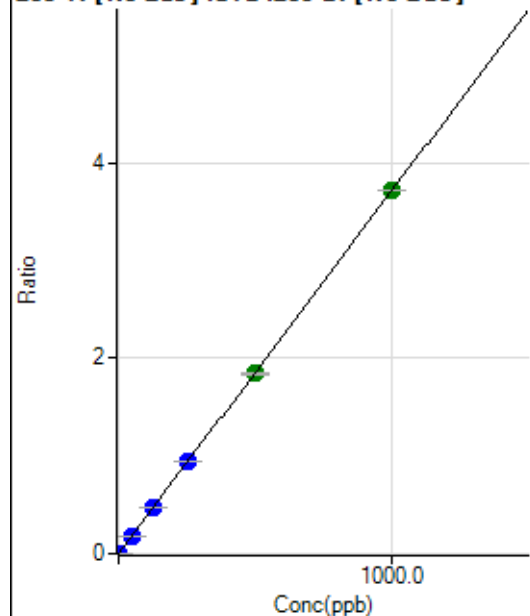
$$DL = 0.01183$$

$$BEC = 0.01544$$

Weight: <None>

Min Conc: 0

205 Tl [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	519.48	0.0001	P	9.8
2	☐	0.100					
3	☐	1.000	0.939	23026.27	0.0036	P	4.2
4	☐	50.000	49.648	1212232.36	0.1842	P	0.4
5	☐	125.000	125.677	3032313.20	0.4661	P	0.6
6	☐	250.000	254.832	6081366.76	0.9450	P	0.9
7	☐	500.000	495.957	11590967.10	1.8392	A	0.6
8	☐	1000.000	1000.746	22756215.09	3.7110	A	0.1
9	☐			6132.25	0.0011	P	7.3

$$y = 0.0037 * x + 7.8538E-005$$

$$R = 1.0000$$

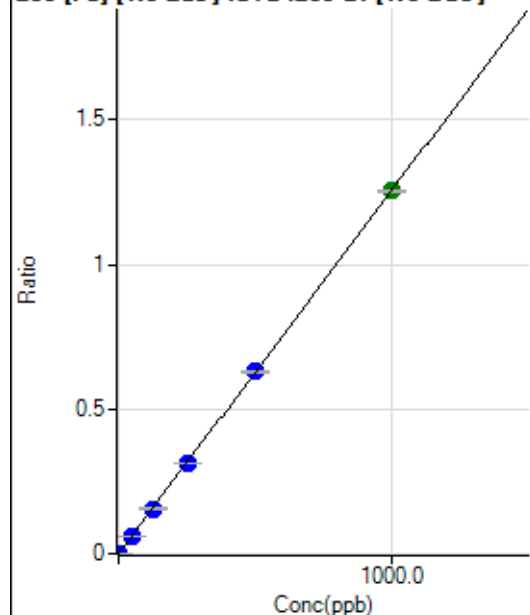
$$DL = 0.006211$$

$$BEC = 0.02118$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	975.99	0.0001	P	3.2
2	☐	0.100					
3	☐	1.000	0.897	8232.41	0.0013	P	3.1
4	☐	50.000	49.246	407526.32	0.0619	P	1.0
5	☐	125.000	123.766	1010872.45	0.1554	P	1.4
6	☐	250.000	249.560	2015361.59	0.3132	P	0.8
7	☐	500.000	501.301	3963796.01	0.6289	P	0.3
8	☐	1000.000	999.652	7689956.36	1.2540	A	0.5
9	☐			16831.50	0.0031	P	1.1

$$y = 0.0013 * x + 1.4754E-004$$

$$R = 1.0000$$

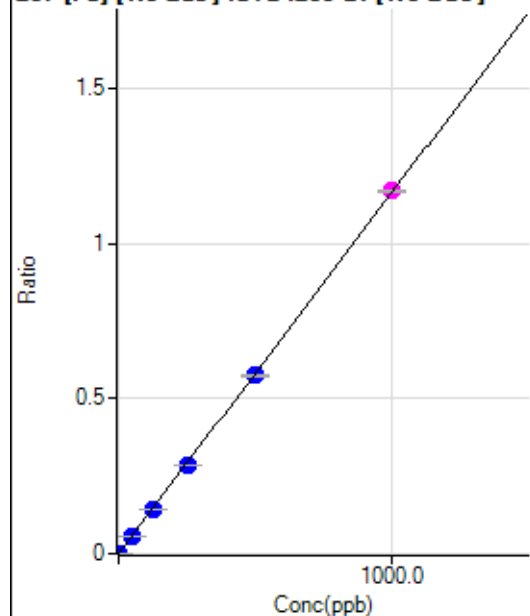
$$DL = 0.01141$$

$$BEC = 0.1176$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	816.72	0.0001	P	1.3
2	☐	0.100					
3	☐	1.000	0.878	7415.27	0.0011	P	0.8
4	☐	50.000	48.535	373073.84	0.0567	P	0.6
5	☐	125.000	121.506	921967.58	0.1417	P	0.8
6	☐	250.000	244.616	1835242.50	0.2852	P	0.1
7	☐	500.000	492.972	3621340.65	0.5746	P	0.2
8	☐	1000.000	1005.370	7185171.98	1.1717	M	0.3
9	☐			14697.38	0.0027	P	1.3

$$y = 0.0012 * x + 1.2347E-004$$

$$R = 0.9999$$

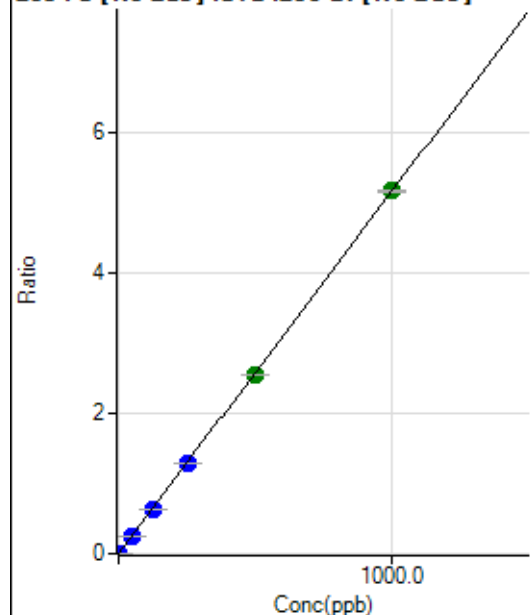
$$DL = 0.004102$$

$$BEC = 0.1059$$

Weight: <None>

Min Conc: 0

208 Pb [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3737.35	0.0006	P	1.1
2	☐	0.100					
3	☐	1.000	0.901	33706.71	0.0052	P	0.5
4	☐	50.000	49.049	1667507.26	0.2534	P	0.2
5	☐	125.000	122.681	4116991.61	0.6328	P	0.5
6	☐	250.000	248.896	8258442.96	1.2833	P	0.1
7	☐	500.000	495.421	16095167.06	2.5539	A	0.2
8	☐	1000.000	1002.903	31698911.59	5.1693	A	0.6
9	☐			67320.23	0.0125	P	1.4

$$y = 0.0052 * x + 5.6499E-004$$

$$R = 1.0000$$

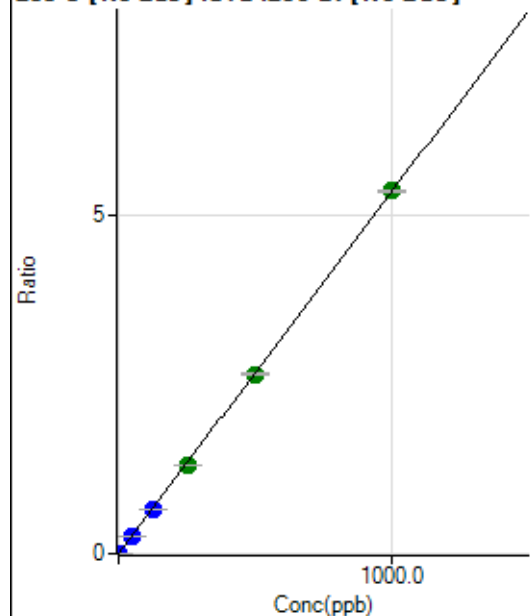
$$DL = 0.003779$$

$$BEC = 0.1096$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1066.76	0.0002	P	10.2
2	☐	0.100					
3	☐	1.000	0.943	33686.33	0.0052	P	2.7
4	☐	50.000	48.345	1703563.31	0.2588	P	0.7
5	☐	125.000	123.075	4285121.88	0.6587	P	0.3
6	☐	250.000	245.125	8441071.72	1.3117	A	0.2
7	☐	500.000	496.491	16742612.18	2.6566	A	0.4
8	☐	1000.000	1003.297	32918181.29	5.3683	A	0.6
9	☐			7294.07	0.0014	P	7.7

$$y = 0.0054 * x + 1.6126E-004$$

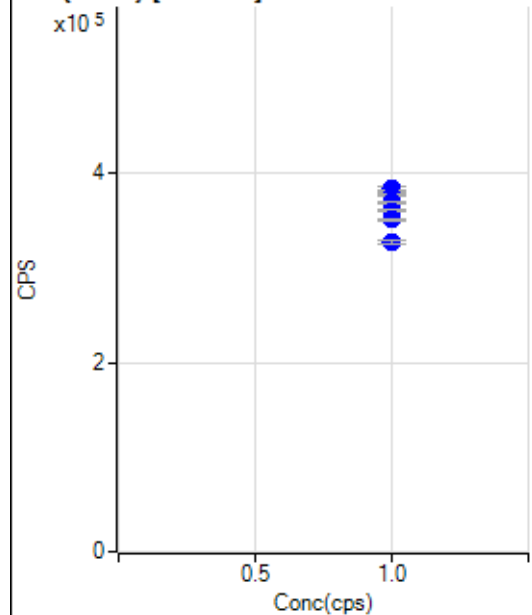
$$R = 1.0000$$

$$DL = 0.009222$$

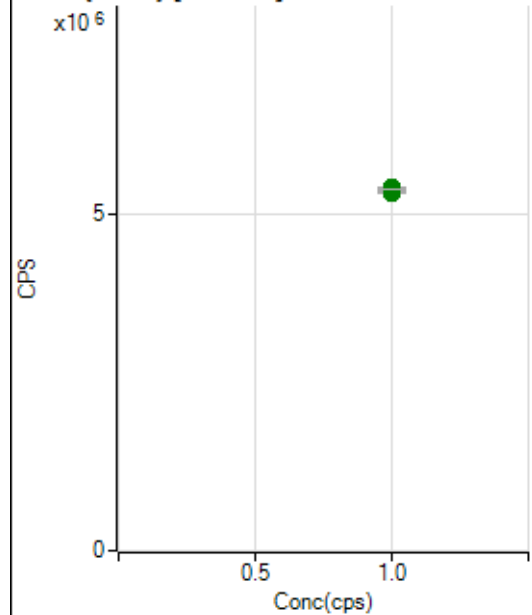
$$BEC = 0.03014$$

Weight: <None>

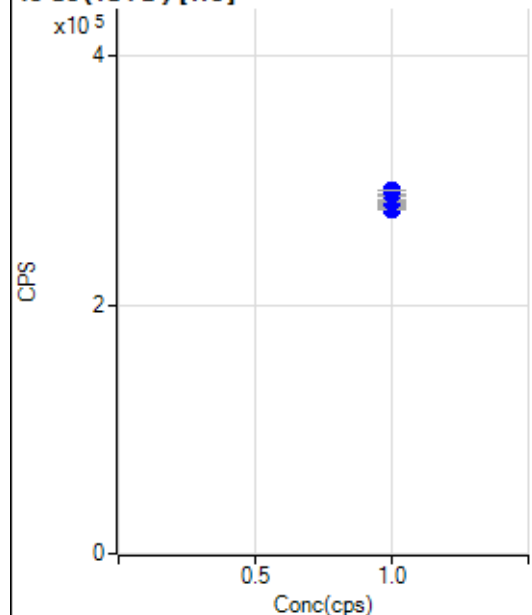
Min Conc: 0

6 Li (ISTD) [No Gas]

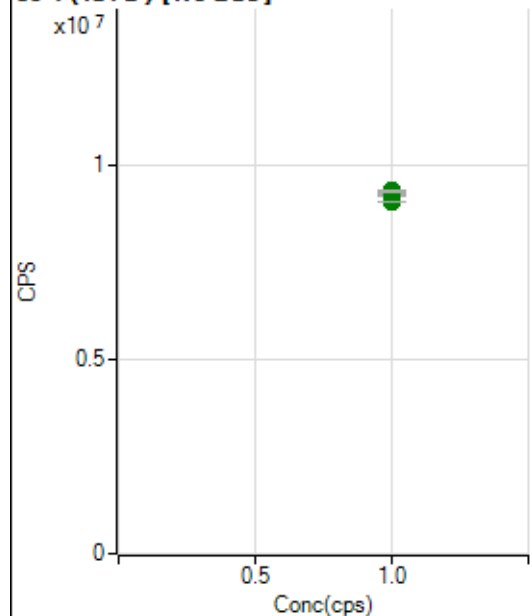
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		384040.70		P	1.3
2	☐	1.000					
3	☐	1.000		377519.65		P	0.2
4	☐	1.000		381911.35		P	0.7
5	☐	1.000		376920.16		P	0.4
6	☐	1.000		370117.86		P	0.5
7	☐	1.000		360714.14		P	0.7
8	☐	1.000		351560.36		P	0.7
9	☐	1.000		327398.48		P	0.9

45 Sc (ISTD) [No Gas]

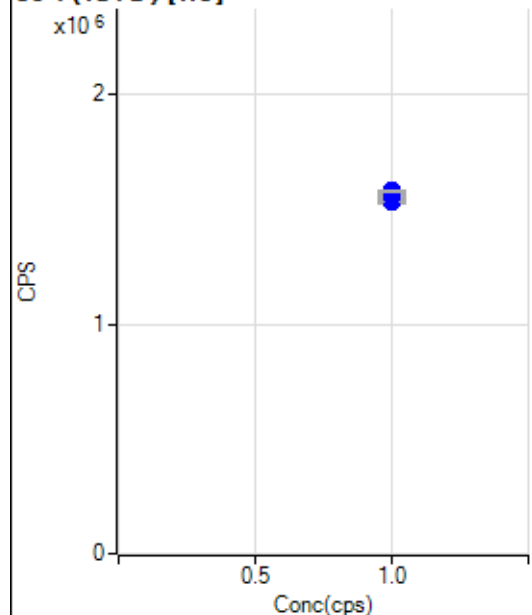
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5338979.15		A	0.4
2	☐	1.000					
3	☐	1.000		5327234.11		A	0.5
4	☐	1.000		5380226.64		A	0.3
5	☐	1.000		5395242.61		A	0.7
6	☐	1.000		5389761.71		A	0.4
7	☐	1.000		5396513.27		A	0.1
8	☐	1.000		5379235.80		A	0.4
9	☐	1.000		5371997.08		A	0.3

45 Sc (ISTD) [He]

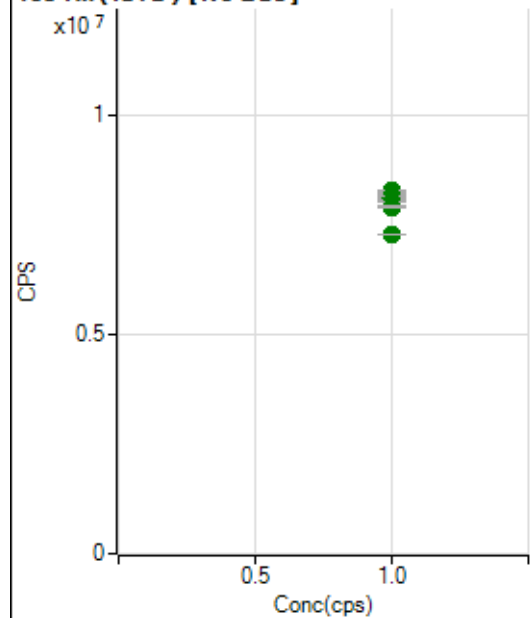
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		276830.83		P	0.1
2	☐	1.000					
3	☐	1.000		278457.58		P	1.0
4	☐	1.000		280628.68		P	0.3
5	☐	1.000		281901.06		P	0.3
6	☐	1.000		277605.70		P	0.6
7	☐	1.000		283457.87		P	0.2
8	☐	1.000		288612.14		P	0.9
9	☐	1.000		291702.27		P	0.2

89 Y (ISTD) [No Gas]

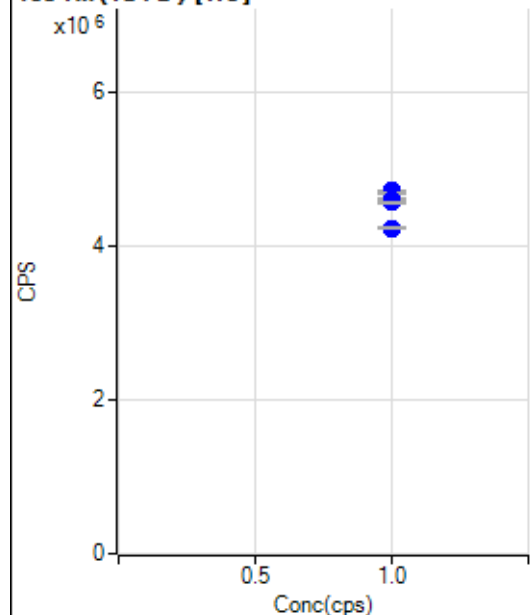
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9202231.32		A	0.3
2	☐	1.000					
3	☐	1.000		9214515.56		A	0.7
4	☐	1.000		9323469.37		A	0.4
5	☐	1.000		9321229.72		A	0.3
6	☐	1.000		9302098.05		A	0.6
7	☐	1.000		9294979.79		A	0.3
8	☐	1.000		9325590.00		A	0.4
9	☐	1.000		9045477.85		A	0.3

89 Y (ISTD) [He]

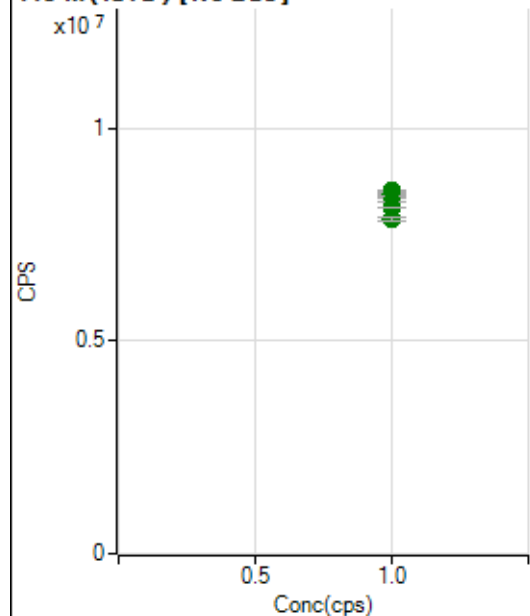
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1528436.30		P	0.6
2	☐	1.000					
3	☐	1.000		1534740.15		P	0.6
4	☐	1.000		1547063.85		P	0.6
5	☐	1.000		1556350.86		P	0.4
6	☐	1.000		1537152.06		P	0.6
7	☐	1.000		1560560.34		P	0.4
8	☐	1.000		1579904.87		P	0.7
9	☐	1.000		1576334.54		P	0.7

103 Rh (ISTD) [No Gas]

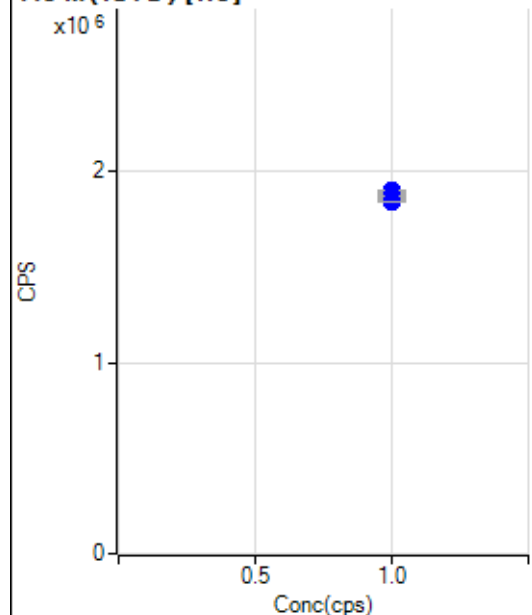
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8255864.07		A	0.2
2	☐	1.000					
3	☐	1.000		8205033.52		A	0.4
4	☐	1.000		8263519.54		A	0.1
5	☐	1.000		8146972.75		A	0.5
6	☐	1.000		8095029.52		A	0.9
7	☐	1.000		8004589.85		A	0.2
8	☐	1.000		7896842.97		A	0.6
9	☐	1.000		7266543.30		A	0.3

103 Rh (ISTD) [He]

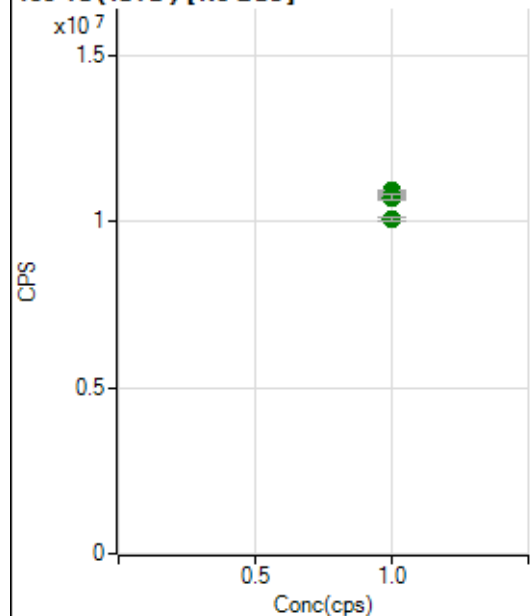
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4693476.91		P	0.6
2	☐	1.000					
3	☐	1.000		4705435.28		P	0.3
4	☐	1.000		4709012.29		P	0.6
5	☐	1.000		4678230.17		P	0.4
6	☐	1.000		4580319.69		P	0.9
7	☐	1.000		4599874.96		P	0.3
8	☐	1.000		4563529.79		P	0.5
9	☐	1.000		4225084.48		P	0.4

115 In (ISTD) [No Gas]

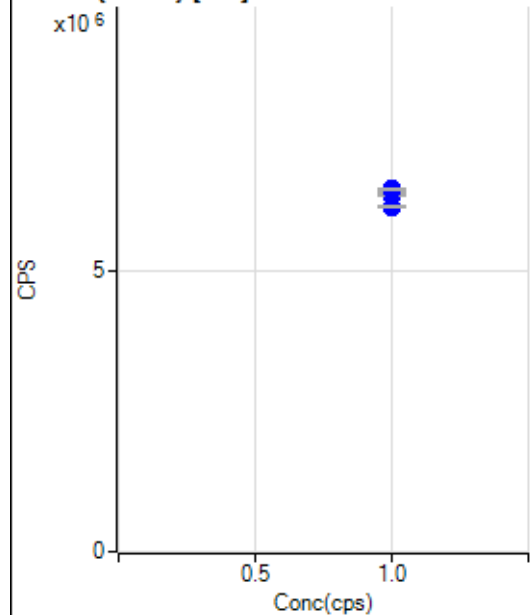
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8518531.65		A	0.4
2	☐	1.000					
3	☐	1.000		8432310.69		A	0.6
4	☐	1.000		8465463.94		A	0.5
5	☐	1.000		8441001.73		A	1.0
6	☐	1.000		8385376.94		A	0.8
7	☐	1.000		8267514.82		A	0.4
8	☐	1.000		8128088.14		A	0.5
9	☐	1.000		7851650.46		A	0.8

115 In (ISTD) [He]

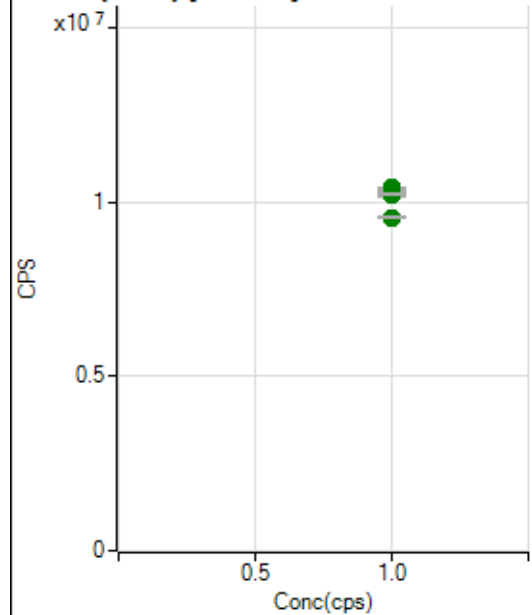
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1884742.35		P	0.6
2	☐	1.000					
3	☐	1.000		1884189.28		P	0.2
4	☐	1.000		1894181.91		P	0.3
5	☐	1.000		1898837.62		P	0.1
6	☐	1.000		1863529.15		P	1.1
7	☐	1.000		1866998.08		P	0.1
8	☐	1.000		1844928.08		P	0.6
9	☐	1.000		1842454.48		P	0.3

159 Tb (ISTD) [No Gas]

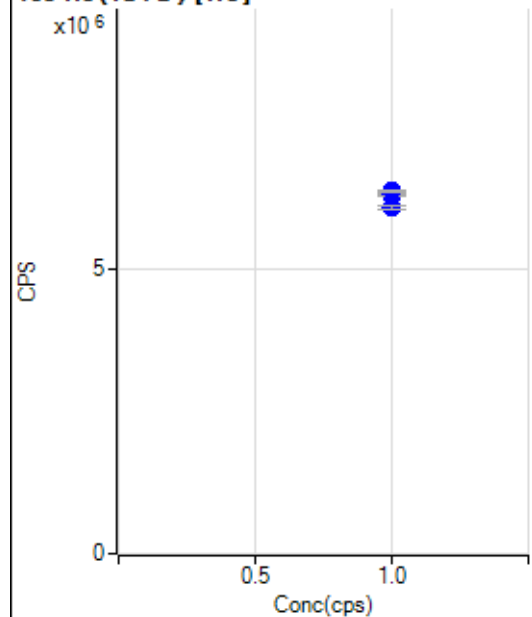
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10864491.64		A	1.0
2	☐	1.000					
3	☐	1.000		10761705.05		A	0.5
4	☐	1.000		10861579.84		A	1.0
5	☐	1.000		10875271.09		A	0.6
6	☐	1.000		10935159.00		A	0.7
7	☐	1.000		10758226.51		A	0.2
8	☐	1.000		10742767.34		A	1.3
9	☐	1.000		10085377.07		A	0.7

159 Tb (ISTD) [He]

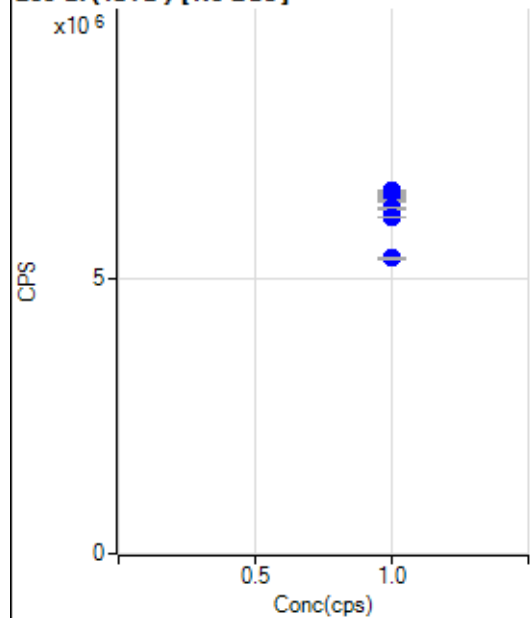
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6364623.80		P	0.9
2	☐	1.000					
3	☐	1.000		6342548.17		P	0.6
4	☐	1.000		6411056.43		P	0.7
5	☐	1.000		6414414.21		P	0.7
6	☐	1.000		6346100.25		P	0.6
7	☐	1.000		6413048.52		P	1.0
8	☐	1.000		6452696.92		P	0.5
9	☐	1.000		6137590.74		P	0.4

165 Ho (ISTD) [No Gas]

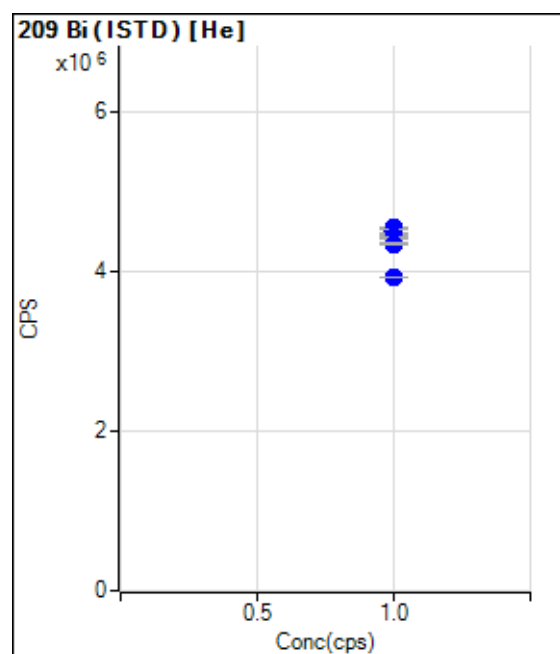
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10400337.56		A	0.4
2	☐	1.000					
3	☐	1.000		10175458.47		A	0.3
4	☐	1.000		10313657.44		A	0.7
5	☐	1.000		10253687.12		A	0.8
6	☐	1.000		10276321.41		A	0.3
7	☐	1.000		10213624.80		A	0.4
8	☐	1.000		10205565.16		A	0.4
9	☐	1.000		9561064.27		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6341175.32		P	0.6
2	☐	1.000					
3	☐	1.000		6320729.35		P	1.0
4	☐	1.000		6361168.45		P	0.1
5	☐	1.000		6386583.24		P	0.5
6	☐	1.000		6297400.81		P	0.4
7	☐	1.000		6384472.96		P	0.3
8	☐	1.000		6386880.74		P	0.4
9	☐	1.000		6089388.17		P	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6614857.19		P	0.1
2	☐	1.000					
3	☐	1.000		6468495.95		P	0.4
4	☐	1.000		6581816.22		P	0.6
5	☐	1.000		6505792.27		P	0.8
6	☐	1.000		6435211.15		P	0.6
7	☐	1.000		6302311.43		P	0.5
8	☐	1.000		6132059.77		P	0.2
9	☐	1.000		5383388.67		P	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4542213.40		P	0.3
2	☐	1.000					
3	☐	1.000		4544093.27		P	0.8
4	☐	1.000		4528168.13		P	0.5
5	☐	1.000		4505588.37		P	0.6
6	☐	1.000		4427720.91		P	0.9
7	☐	1.000		4419579.86		P	0.1
8	☐	1.000		4338611.08		P	0.5
9	☐	1.000		3923500.01		P	0.3