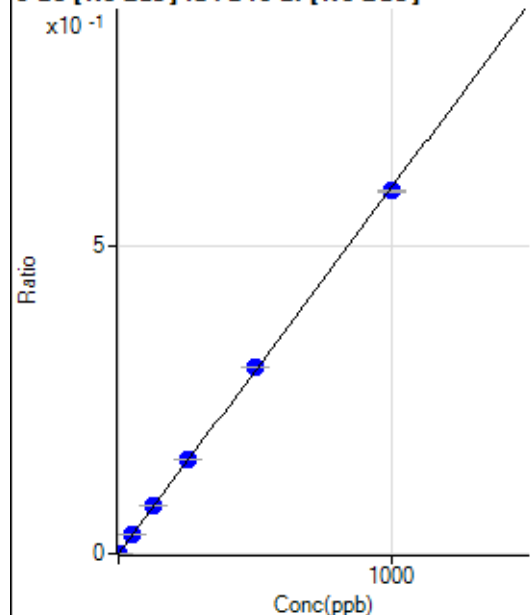


Calibration for 006CAL.S.d

Batch Folder: D:\ICP-MS Data\P7121819MS3.b\
 Analysis File: P7121819MS3.batch.bin
 DA Date-Time: 2019-12-18 17:20:43
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-12-18 14:44:37
2	004CAL.S.d	S02	2019-12-18 14:48:14
3	005CAL.S.d	S03	2019-12-18 14:53:07
4	006CAL.S.d	S04	2019-12-18 14:57:17
5	007CAL.S.d	S05	2019-12-18 15:01:08
6	008CAL.S.d	S06	2019-12-18 15:04:57
7	009CAL.S.d	S07	2019-12-18 15:08:45
8	010CAL.S.d	S08	2019-12-18 15:12:33

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.52	0.0000	P	16.6
2	☐	1.000	1.050	2629.93	0.0007	P	1.0
3	☐	50.000	52.145	124648.00	0.0310	P	0.7
4	☐	125.000	131.921	310690.04	0.0785	P	0.9
5	☐	250.000	258.959	581963.28	0.1541	P	0.8
6	☐	500.000	511.123	1108894.00	0.3040	P	0.3
7	☐	1000.000	991.226	2115692.75	0.5896	P	0.5
8	☐			2633.64	0.0007	P	6.1

$$y = 5.9478\text{E-}004 * x + 2.9689\text{E-}005$$

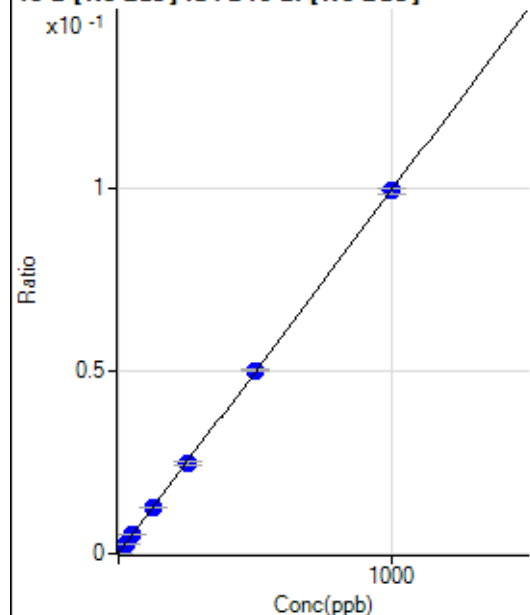
$$R = 0.9999$$

$$DL = 0.02481$$

$$BEC = 0.04992$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.80	0.0001	P	7.2
2	☐	25.000	24.800	10301.18	0.0026	P	0.8
3	☐	50.000	51.859	21098.71	0.0053	P	0.1
4	☐	125.000	126.418	50162.08	0.0127	P	1.9
5	☐	250.000	250.267	94421.79	0.0250	P	4.1
6	☐	500.000	502.968	182867.79	0.0501	P	1.2
7	☐	1000.000	998.184	356721.70	0.0994	P	1.8
8	☐			9372.74	0.0026	P	11.5

$$y = 9.9501\text{E-}005 * x + 9.4626\text{E-}005$$

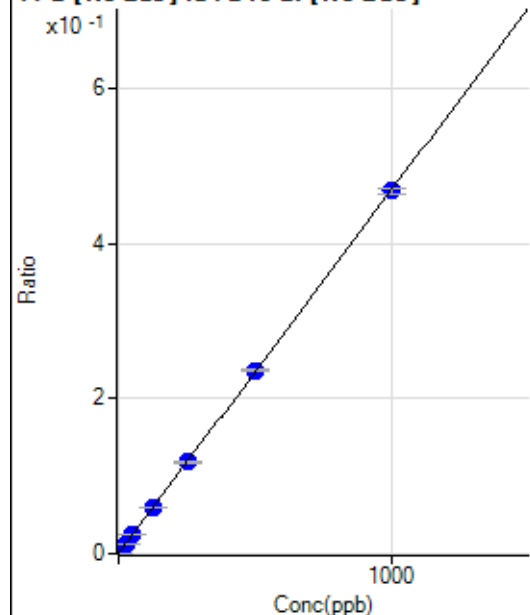
$$R = 1.0000$$

$$DL = 0.204$$

$$BEC = 0.951$$

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	1658.50	0.0004	P	5.9
2	☐	25.000	24.701	48188.86	0.0120	P	1.1
3	☐	50.000	50.642	96930.11	0.0241	P	2.8
4	☐	125.000	125.019	233432.34	0.0590	P	1.9
5	☐	250.000	251.669	446907.96	0.1183	P	2.2
6	☐	500.000	504.252	863005.79	0.2366	P	1.3
7	☐	1000.000	997.430	1678136.96	0.4676	P	1.3
8	☐			44806.65	0.0126	P	9.0

$$y = 4.6844\text{E-}004 * x + 4.1535\text{E-}004$$

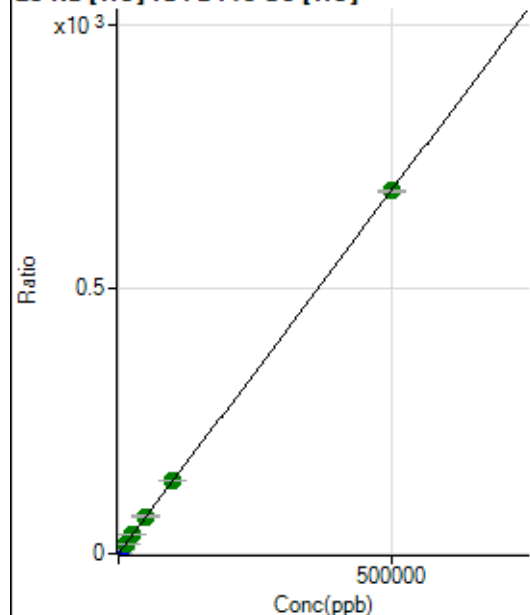
$$R = 1.0000$$

$$DL = 0.1558$$

$$BEC = 0.8867$$

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	11632.71	0.0318	P	3.8
2	☐	500.000	506.059	255355.47	0.7257	P	1.5
3	☐	5000.000	5290.406	2573565.05	7.2853	P	0.3
4	☐	12500.000	13098.995	6187943.54	17.9914	A	3.8
5	☐	25000.000	26187.881	11932964.68	35.9371	A	0.8
6	☐	50000.000	51397.784	23124566.14	70.5016	A	0.8
7	☐	100000.00	101625.69	45325260.39	139.3673	A	0.4
8	☐	500000.00	499457.80	228564527.3	684.8213	A	0.7

$$y = 0.0014 * x + 0.0318$$

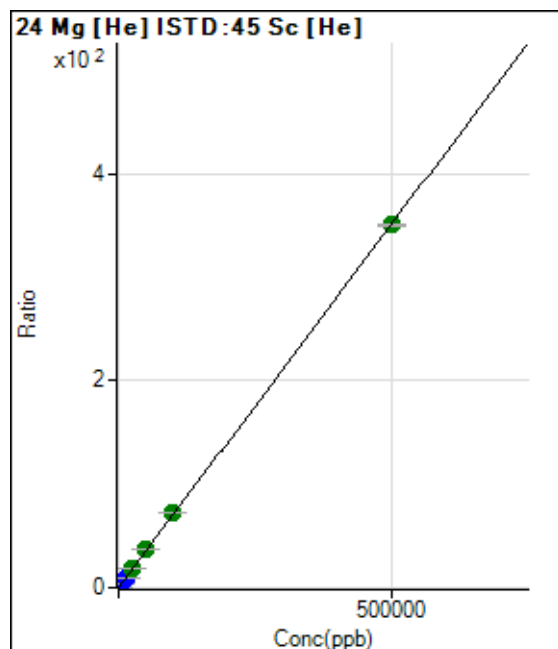
$$R = 1.0000$$

$$DL = 2.674$$

$$BEC = 23.22$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.79	0.0007	P	9.5
2	☐	500.000	519.791	128763.01	0.3659	P	3.9
3	☐	5000.000	5392.138	1338629.01	3.7894	P	0.9
4	☐	12500.000	13346.159	3225575.64	9.3782	P	3.7
5	☐	25000.000	26717.435	6233585.99	18.7734	A	0.6
6	☐	50000.000	52088.272	12005214.68	36.6000	A	0.6
7	☐	100000.00	102698.41	23468274.65	72.1607	A	0.4
8	☐	500000.00	499140.52	117058910.9	350.7168	A	0.3

$$y = 7.0264\text{E-}004 * x + 6.9124\text{E-}004$$

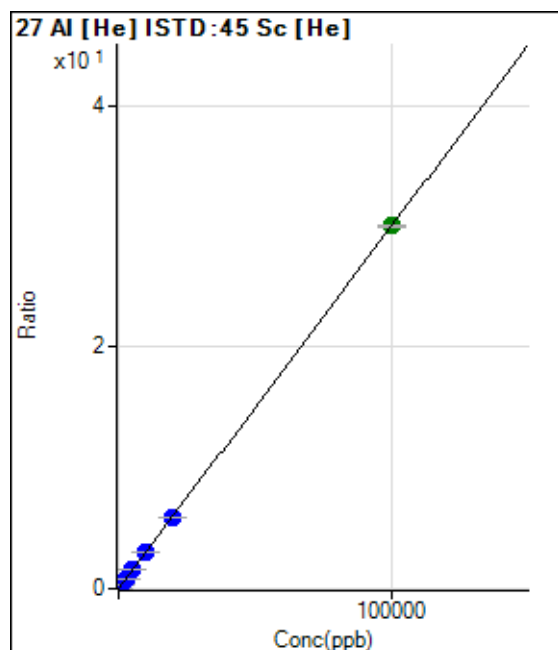
$$R = 1.0000$$

$$DL = 0.2804$$

$$BEC = 0.9838$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0001	P	42.9
2	☐	20.000	20.481	2191.92	0.0062	P	10.0
3	☐	1000.000	1020.697	108212.17	0.3063	P	2.2
4	☐	2500.000	2576.212	265919.03	0.7730	P	3.1
5	☐	5000.000	5082.871	506417.38	1.5251	P	0.4
6	☐	10000.000	9960.331	980217.72	2.9885	P	1.4
7	☐	20000.000	19710.338	1923361.72	5.9139	P	0.5
8	☐	100000.00	100055.64	10019862.64	30.0204	A	0.3

$$y = 3.0004\text{E-}004 * x + 8.3802\text{E-}005$$

$$R = 1.0000$$

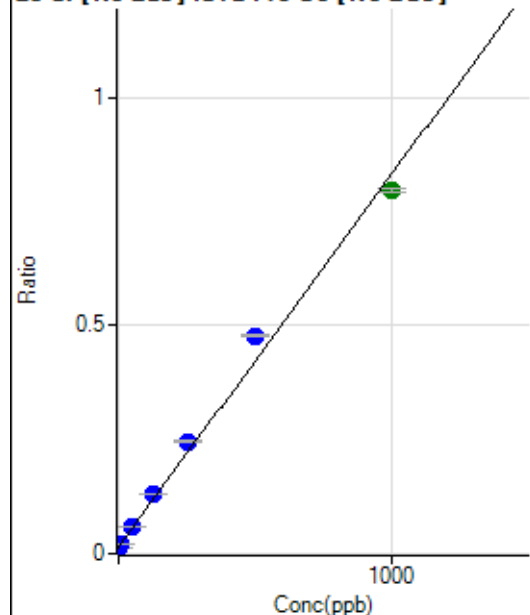
$$DL = 0.3595$$

$$BEC = 0.2793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131644.77	0.0146	P	0.9
2	☐	10.000	9.714	202491.10	0.0226	P	0.6
3	☐	50.000	56.658	544143.00	0.0609	P	0.6
4	☐	125.000	142.668	1153627.17	0.1311	P	2.2
5	☐	250.000	283.368	2063560.09	0.2459	P	0.9
6	☐	500.000	566.186	3893055.69	0.4767	P	0.9
7	☐	1000.000	956.026	6449417.81	0.7948	A	1.0
8	☐			1185216.58	0.1474	P	0.6

$$y = 8.1603\text{E-}004 * x + 0.0146$$

$$R = 0.9959$$

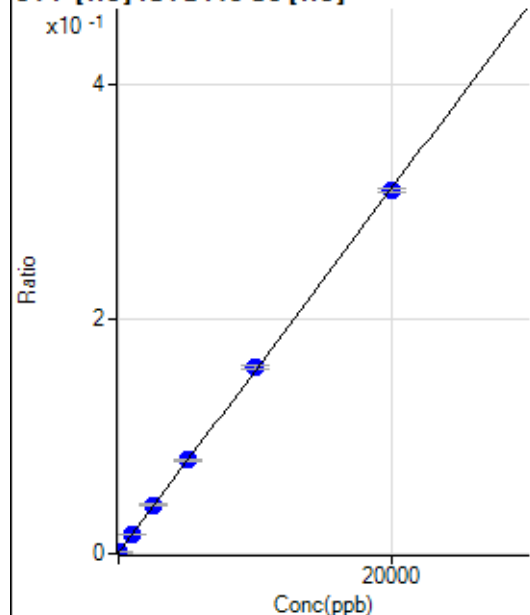
$$DL = 0.4837$$

$$BEC = 17.93$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-29.831	83.34	0.0002	P	15.4
2	☐	0.000	29.831	405.58	0.0012	P	13.1
3	☐	1000.000	1023.795	5851.40	0.0166	P	4.0
4	☐	2500.000	2616.851	14193.46	0.0413	P	4.7
5	☐	5000.000	5123.099	26607.80	0.0801	P	2.0
6	☐	10000.000	10172.622	51960.83	0.1584	P	2.0
7	☐	20000.000	19867.118	100414.39	0.3087	P	1.1
8	☐			150.01	0.0004	P	25.0

$$y = 1.5506\text{E-}005 * x + 6.8997\text{E-}004$$

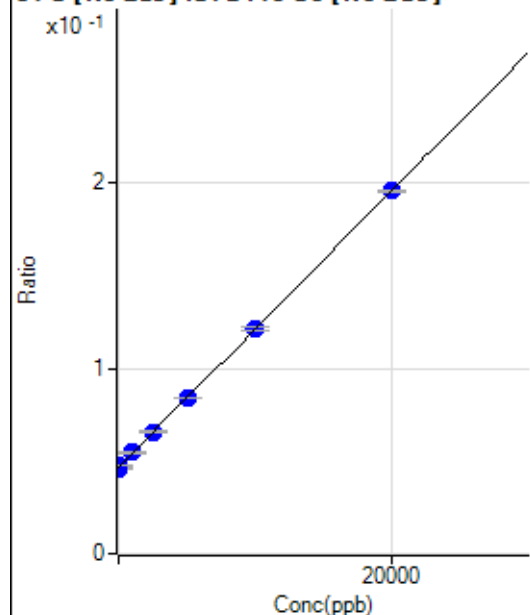
$$R = 0.9999$$

$$DL = 18.04$$

$$BEC = 44.5$$

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-81.495	414842.71	0.0461	P	1.1
2	☐	0.000	81.495	424769.05	0.0473	P	0.6
3	☐	1000.000	1037.977	486701.28	0.0544	P	0.9
4	☐	2500.000	2563.853	579384.25	0.0658	P	1.0
5	☐	5000.000	4985.140	703697.18	0.0838	P	0.9
6	☐	10000.000	10022.691	991177.45	0.1214	P	1.4
7	☐	20000.000	19982.489	1586811.91	0.1955	P	0.7
8	☐			380417.64	0.0473	P	0.3

$$y = 7.4482\text{E-}006 * x + 0.0467$$

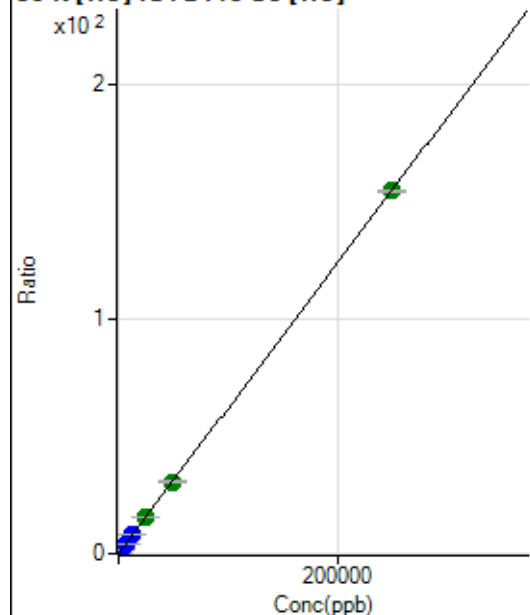
R = 1.0000

DL = 159.2

BEC = 6271

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17102.13	0.0468	P	1.5
2	☐	500.000	504.261	126007.33	0.3581	P	1.4
3	☐	2500.000	2626.369	589304.93	1.6682	P	1.1
4	☐	6250.000	6493.638	1394776.31	4.0558	P	4.3
5	☐	12500.000	12875.693	2654957.07	7.9959	P	0.6
6	☐	25000.000	24911.423	5059829.93	15.4264	A	1.1
7	☐	50000.000	49620.048	9977971.23	30.6808	A	0.5
8	☐	250000.00	250058.70	51541562.26	154.4261	A	0.6

$$y = 6.1737\text{E-}004 * x + 0.0468$$

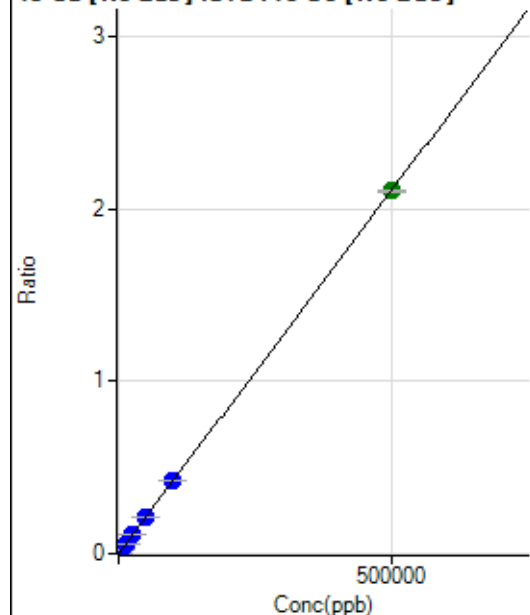
R = 1.0000

DL = 3.397

BEC = 75.76

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0000	P	5.5
2	☐	500.000	487.788	18690.16	0.0021	P	1.3
3	☐	5000.000	5134.158	193481.59	0.0216	P	0.7
4	☐	12500.000	12947.165	480052.59	0.0545	P	2.0
5	☐	25000.000	25738.618	909651.88	0.1084	P	0.6
6	☐	50000.000	50994.716	1753579.14	0.2147	P	0.6
7	☐	100000.00	100908.80	3447328.90	0.4248	P	0.9
8	☐	500000.00	499669.32	16914987.53	2.1035	A	0.4

$$y = 4.2097\text{E-}006 * x + 2.8710\text{E-}005$$

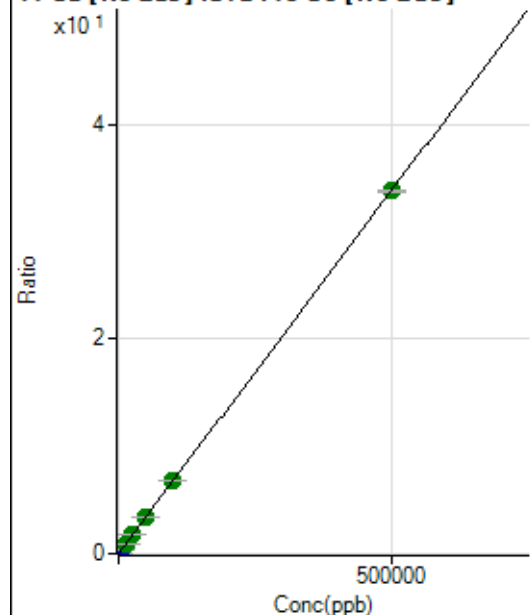
$$R = 1.0000$$

$$DL = 1.126$$

$$BEC = 6.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8625.66	0.0010	P	1.4
2	☐	500.000	493.465	308401.86	0.0344	P	0.2
3	☐	5000.000	5160.012	3130604.13	0.3502	P	0.4
4	☐	12500.000	12844.327	7661376.39	0.8702	A	1.3
5	☐	25000.000	25592.534	14545336.09	1.7330	A	0.4
6	☐	50000.000	51176.139	28295275.63	3.4644	A	1.2
7	☐	100000.00	101004.32	55478592.91	6.8367	A	0.8
8	☐	500000.00	499641.69	271917056.0	33.8156	A	0.6

$$y = 6.7678\text{E-}005 * x + 9.5857\text{E-}004$$

$$R = 1.0000$$

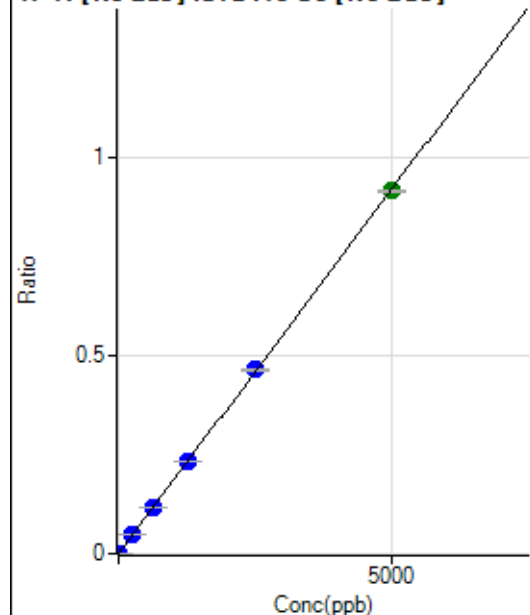
$$DL = 0.616$$

$$BEC = 14.16$$

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	280.57	0.0000	P	19.8
2	☐	5.000	5.208	8880.81	0.0010	P	1.5
3	☐	250.000	252.816	416149.81	0.0465	P	0.6
4	☐	625.000	637.133	1032196.07	0.1173	P	2.3
5	☐	1250.000	1262.619	1950114.85	0.2323	P	0.8
6	☐	2500.000	2525.868	3795819.31	0.4648	P	1.5
7	☐	5000.000	4982.254	7439241.14	0.9167	A	0.7
8	☐			9759.17	0.0012	P	3.2

$$y = 1.8399\text{E-}004 * x + 3.1184\text{E-}005$$

$$R = 1.0000$$

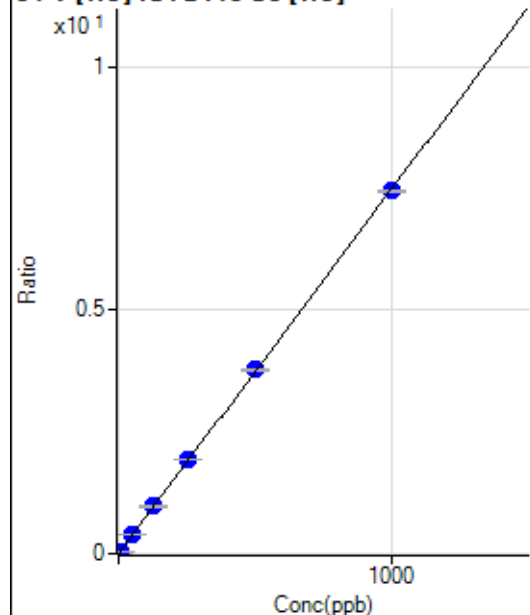
$$DL = 0.1008$$

$$BEC = 0.1695$$

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	10.00	0.0000	P	57.7
2	☐	5.000	5.027	13251.68	0.0377	P	4.6
3	☐	50.000	51.885	137203.05	0.3884	P	0.7
4	☐	125.000	129.369	333067.79	0.9684	P	3.8
5	☐	250.000	256.591	637742.49	1.9207	P	0.3
6	☐	500.000	504.128	1237722.47	3.7735	P	0.9
7	☐	1000.000	995.648	2423806.37	7.4527	P	0.4
8	☐			3309.32	0.0099	P	4.6

$$y = 0.0075 * x + 2.7367\text{E-}005$$

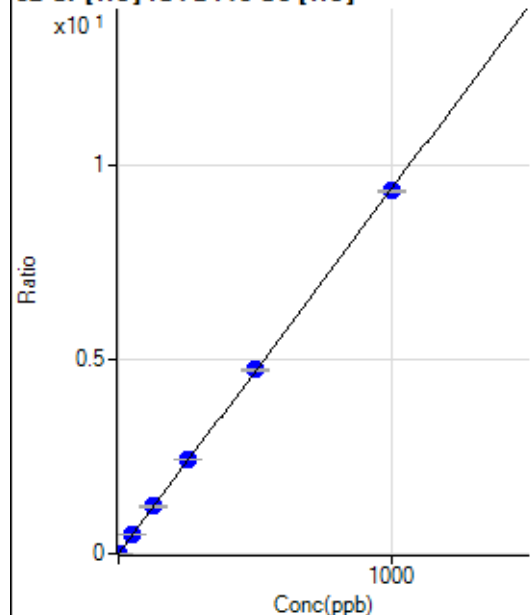
$$R = 1.0000$$

$$DL = 0.006332$$

$$BEC = 0.003656$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1002.27	0.0027	P	5.0
2	☐	2.000	1.960	7452.00	0.0212	P	4.5
3	☐	50.000	52.261	174594.98	0.4942	P	1.1
4	☐	125.000	130.201	422112.63	1.2273	P	3.7
5	☐	250.000	258.110	806940.99	2.4302	P	0.1
6	☐	500.000	504.657	1557648.87	4.7490	P	1.0
7	☐	1000.000	994.881	3043941.90	9.3594	P	0.4
8	☐			88347.34	0.2647	P	1.5

$$y = 0.0094 * x + 0.0027$$

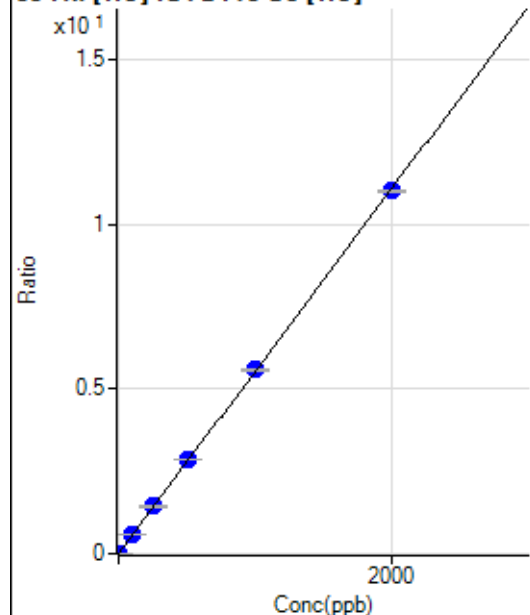
$$R = 0.9999$$

$$DL = 0.04361$$

$$BEC = 0.2916$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.89	0.0006	P	5.7
2	☐	1.000	1.015	2179.09	0.0062	P	5.5
3	☐	100.000	104.153	203916.99	0.5773	P	0.6
4	☐	250.000	260.390	496034.43	1.4423	P	4.1
5	☐	500.000	517.161	950981.97	2.8640	P	0.1
6	☐	1000.000	1009.551	1833662.87	5.5903	P	0.6
7	☐	2000.000	1989.428	3582591.20	11.0158	P	0.4
8	☐			16860.96	0.0505	P	1.4

$$y = 0.0055 * x + 5.7081E-004$$

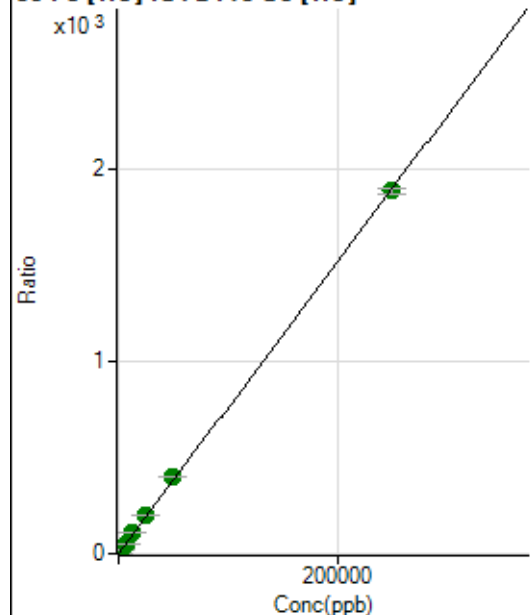
$$R = 0.9999$$

$$DL = 0.01765$$

$$BEC = 0.1031$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6121.83	0.0168	P	5.0
2	☐	50.000	54.366	151040.08	0.4292	P	5.4
3	☐	2500.000	2775.886	7445427.95	21.0767	A	0.9
4	☐	6250.000	6970.612	18194136.29	52.9011	A	3.9
5	☐	12500.000	13885.809	34986197.31	105.3651	A	0.3
6	☐	25000.000	26972.079	67125279.28	204.6475	A	0.6
7	☐	50000.000	53114.862	131059002.9	402.9866	A	0.5
8	☐	250000.00	249089.75	630718310.3	1,889.801	A	1.2

$$y = 0.0076 * x + 0.0168$$

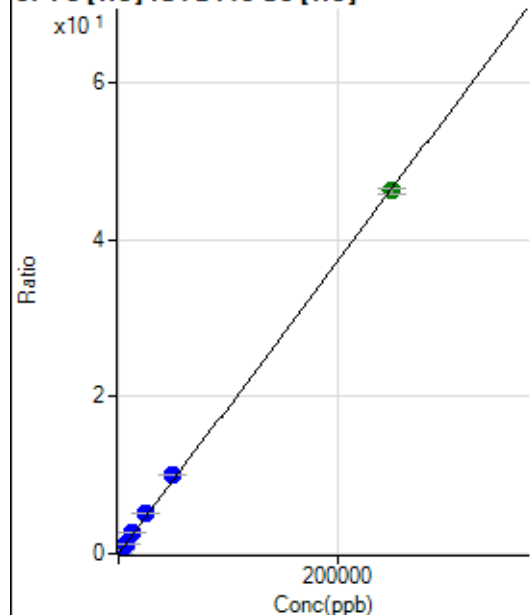
$$R = 0.9999$$

$$DL = 0.3302$$

$$BEC = 2.208$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.53	0.0006	P	16.0
2	☐	50.000	56.479	3906.18	0.0111	P	5.1
3	☐	2500.000	2836.749	186539.41	0.5281	P	1.6
4	☐	6250.000	7039.966	450407.44	1.3096	P	4.0
5	☐	12500.000	14005.694	864933.58	2.6048	P	0.5
6	☐	25000.000	27447.760	1674203.71	5.1042	P	0.7
7	☐	50000.000	53881.450	3258495.47	10.0193	P	0.5
8	☐	250000.00	248880.53	15445218.05	46.2775	A	1.3

$$y = 1.8594E-004 * x + 5.9906E-004$$

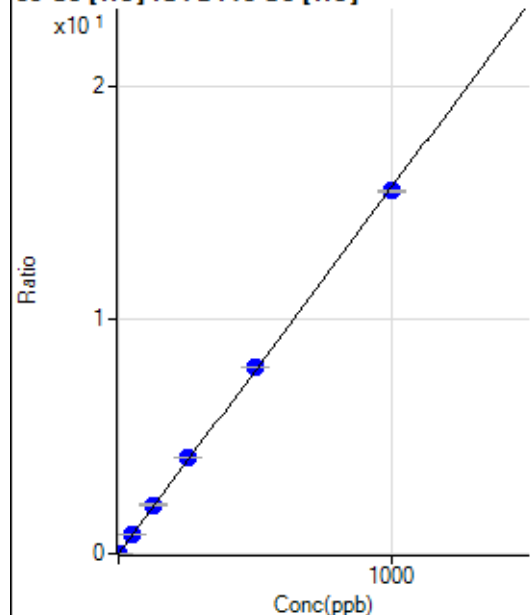
$$R = 0.9998$$

$$DL = 1.543$$

$$BEC = 3.222$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	304.46	0.0008	P	10.2
2	☐	1.000	0.981	5692.31	0.0162	P	0.8
3	☐	50.000	53.838	297799.18	0.8430	P	1.2
4	☐	125.000	132.668	714073.28	2.0761	P	3.7
5	☐	250.000	263.250	1367643.36	4.1188	P	0.4
6	☐	500.000	509.410	2614044.04	7.9695	P	0.5
7	☐	1000.000	990.832	5041174.02	15.5003	P	0.6
8	☐			14854.34	0.0445	P	0.3

$$y = 0.0156 * x + 8.3250E-004$$

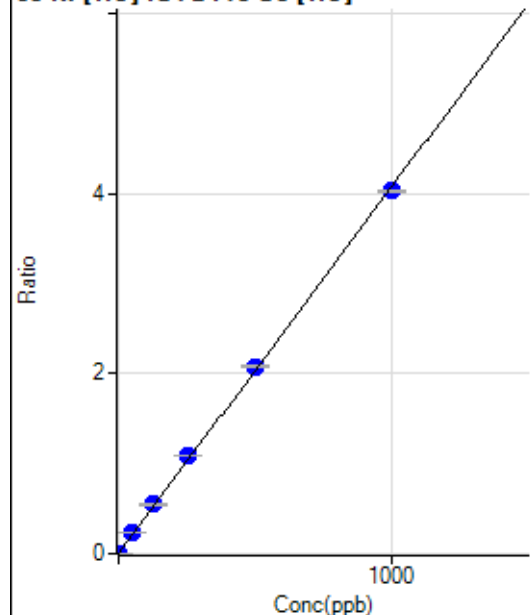
$$R = 0.9998$$

$$DL = 0.01627$$

$$BEC = 0.05322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	777.81	0.0021	P	3.7
2	☐	1.000	1.024	2216.87	0.0063	P	5.3
3	☐	50.000	54.892	79779.21	0.2258	P	1.0
4	☐	125.000	134.534	189296.78	0.5504	P	4.1
5	☐	250.000	266.365	361172.42	1.0877	P	0.6
6	☐	500.000	509.636	681977.45	2.0792	P	0.7
7	☐	1000.000	989.654	1312455.69	4.0355	P	0.4
8	☐			28003.65	0.0839	P	1.9

$$y = 0.0041 * x + 0.0021$$

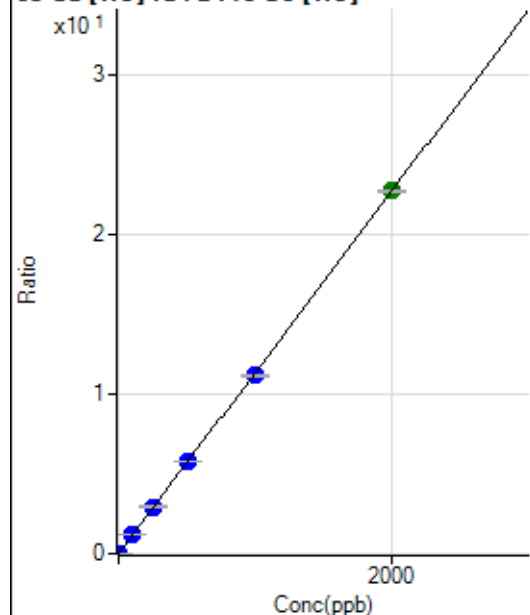
$$R = 0.9998$$

$$DL = 0.05772$$

$$BEC = 0.5219$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	815.59	0.0022	P	8.4
2	☐	2.000	2.051	8960.67	0.0255	P	2.3
3	☐	100.000	106.078	425305.46	1.2040	P	0.6
4	☐	250.000	259.646	1012459.46	2.9437	P	3.7
5	☐	500.000	512.556	1928767.00	5.8088	P	0.3
6	☐	1000.000	984.461	3658940.15	11.1549	P	0.5
7	☐	2000.000	2003.121	7380853.78	22.6951	A	0.6
8	☐			19455.32	0.0583	P	1.8

$$y = 0.0113 * x + 0.0022$$

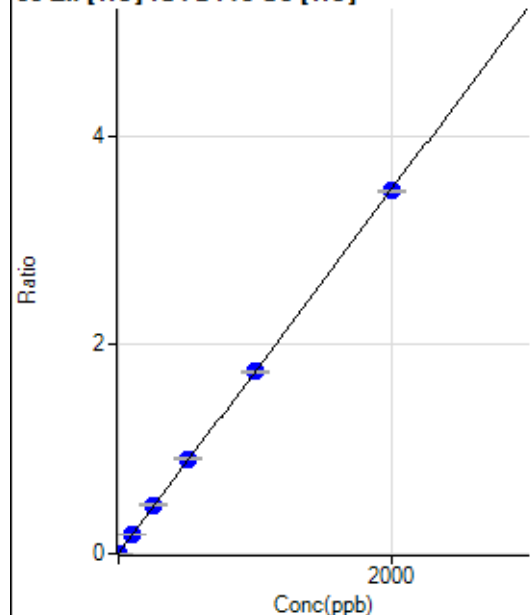
$$R = 0.9999$$

$$DL = 0.04952$$

$$BEC = 0.1966$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	801.15	0.0022	P	6.1
2	☐	2.000	2.439	2266.89	0.0064	P	2.3
3	☐	100.000	107.318	66854.57	0.1893	P	0.4
4	☐	250.000	264.649	159426.54	0.4635	P	3.4
5	☐	500.000	521.126	302333.36	0.9106	P	0.7
6	☐	1000.000	1000.742	572867.19	1.7466	P	1.0
7	☐	2000.000	1992.150	1130050.30	3.4747	P	0.5
8	☐			19488.76	0.0584	P	1.5

$$y = 0.0017 * x + 0.0022$$

$$R = 0.9999$$

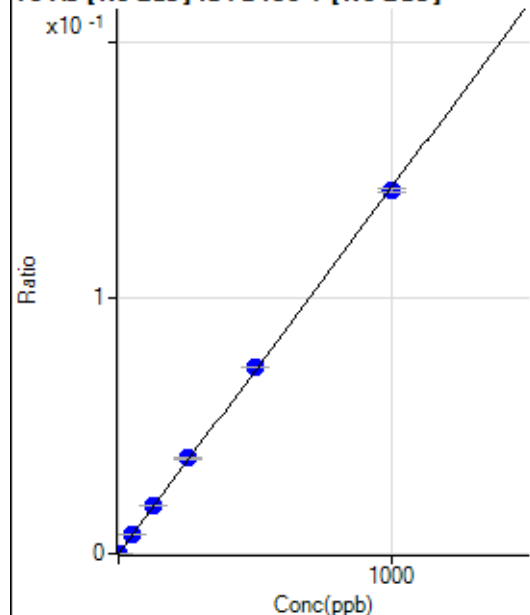
$$DL = 0.2301$$

$$BEC = 1.257$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1205.03	-0.0001	P	-4.8
2	☐	1.000	0.853	1100.27	0.0001	P	14.6
3	☐	50.000	53.763	143373.88	0.0076	P	2.1
4	☐	125.000	132.923	352988.18	0.0190	P	0.6
5	☐	250.000	261.082	671157.38	0.0374	P	1.4
6	☐	500.000	510.295	1289504.95	0.0731	P	0.5
7	☐	1000.000	990.904	2486110.85	0.1420	P	1.2
8	☐			1878.20	0.0001	P	2.9

$$y = 1.4333\text{E-}004 * x - 6.4027\text{E-}005$$

$$R = 0.9998$$

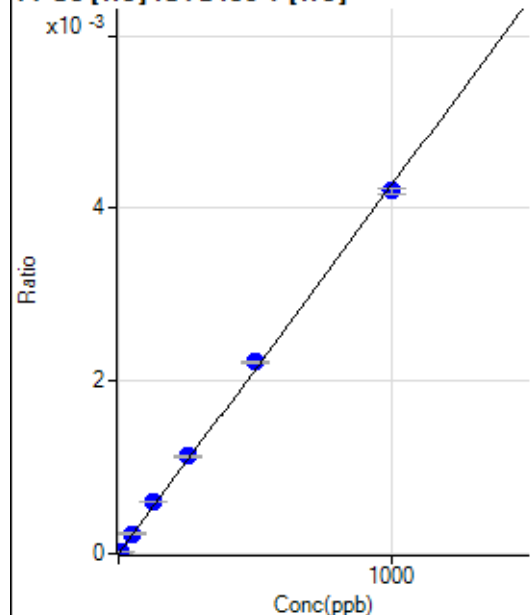
$$DL = 0.06415$$

$$BEC = -0.4467$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.378	43.33	0.0000	P	27.9
3	☐	50.000	54.201	528.91	0.0002	P	11.7
4	☐	125.000	139.300	1312.30	0.0006	P	0.9
5	☐	250.000	264.051	2425.80	0.0011	P	1.1
6	☐	500.000	519.500	4703.06	0.0022	P	0.7
7	☐	1000.000	984.743	8898.42	0.0042	P	1.7
8	☐			10.00	0.0000	P	88.0

$$y = 4.2662\text{E-}006 * x + 4.8731\text{E-}007$$

$$R = 0.9995$$

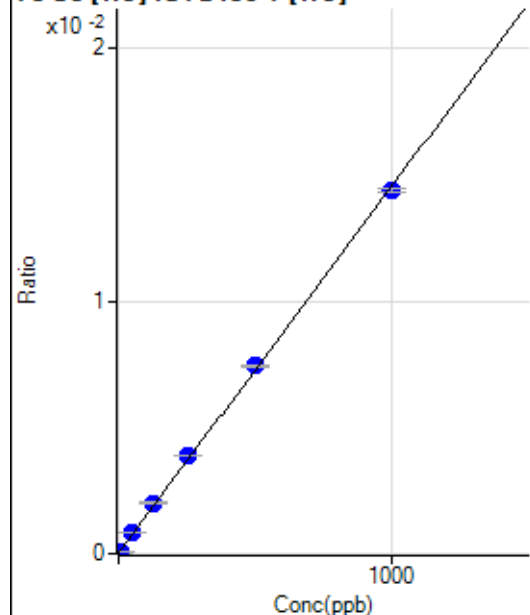
$$DL = 0.5935$$

$$BEC = 0.1142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.24	0.0000	P	16.5
2	☐	5.000	5.334	224.69	0.0001	P	5.3
3	☐	50.000	54.567	1857.54	0.0008	P	1.1
4	☐	125.000	137.337	4437.76	0.0020	P	6.2
5	☐	250.000	265.780	8346.29	0.0039	P	0.9
6	☐	500.000	511.557	15788.91	0.0074	P	1.3
7	☐	1000.000	988.504	30418.31	0.0144	P	0.9
8	☐			85.80	0.0000	P	15.1

$$y = 1.4507\text{E-}005 * x + 2.1974\text{E-}005$$

$$R = 0.9997$$

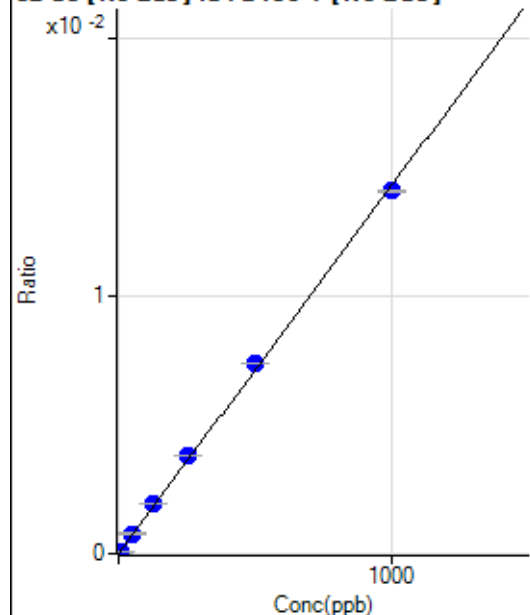
$$DL = 0.7476$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

82 Se [No Gas] ISTD:89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-103.64	0.0000	P	-34.
2	☐	5.000	5.897	1487.59	0.0001	P	3.3
3	☐	50.000	54.846	14589.81	0.0008	P	1.2
4	☐	125.000	135.285	35806.92	0.0019	P	1.6
5	☐	250.000	266.513	68273.15	0.0038	P	1.1
6	☐	500.000	515.988	129917.56	0.0074	P	0.4
7	☐	1000.000	986.346	246561.81	0.0141	P	0.8
8	☐			394.92	0.0000	P	27.7

$$y = 1.4279\text{E-}005 * x - 5.5050\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.4027$$

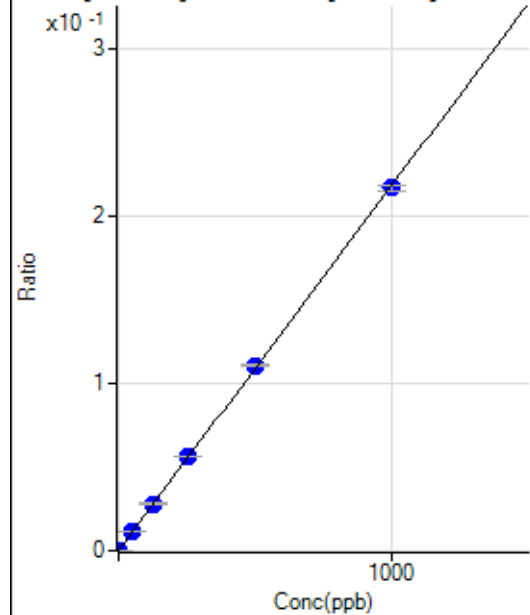
$$BEC = -0.3855$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1071.17		P	3.9
2	☐			1020.05		P	6.4
3	☐			1040.05		P	4.2
4	☐			1024.50		P	9.4
5	☐			1033.39		P	2.0
6	☐			956.72		P	3.0
7	☐			1025.61		P	1.6
8	☐			1013.39		P	9.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1633.49	0.0001	P	9.3
2	☐	1.000	1.012	5812.51	0.0003	P	2.3
3	☐	50.000	51.121	210817.76	0.0112	P	0.7
4	☐	125.000	128.466	522494.90	0.0281	P	1.1
5	☐	250.000	256.353	1006134.43	0.0560	P	0.5
6	☐	500.000	507.564	1955032.85	0.1108	P	0.6
7	☐	1000.000	994.140	3798669.18	0.2169	P	1.5
8	☐			21336.00	0.0013	P	2.5

$$y = 2.1810E-004 * x + 8.6791E-005$$

$$R = 0.9999$$

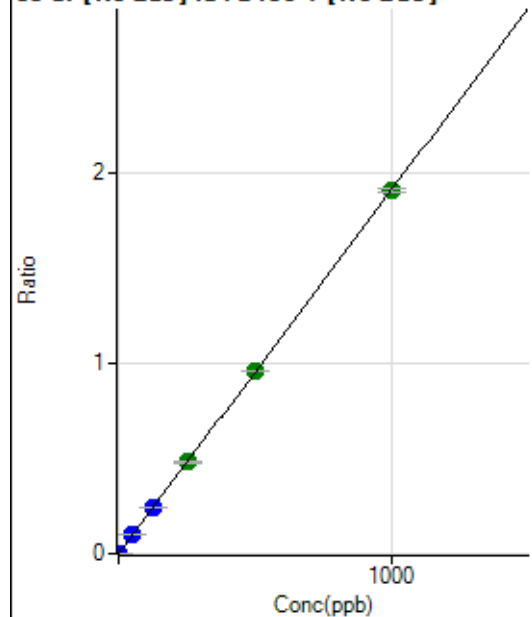
$$DL = 0.1114$$

$$BEC = 0.3979$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	263.90	0.0000	P	34.8
2	☐	1.000	0.997	36229.94	0.0019	P	1.9
3	☐	50.000	51.132	1829841.73	0.0975	P	1.0
4	☐	125.000	128.026	4539136.43	0.2442	P	1.1
5	☐	250.000	251.244	8609257.31	0.4792	A	0.6
6	☐	500.000	503.196	16934752.12	0.9597	A	0.7
7	☐	1000.000	997.656	33321426.09	1.9027	A	1.0
8	☐			171819.93	0.0103	P	1.5

$$y = 0.0019 * x + 1.4011E-005$$

$$R = 1.0000$$

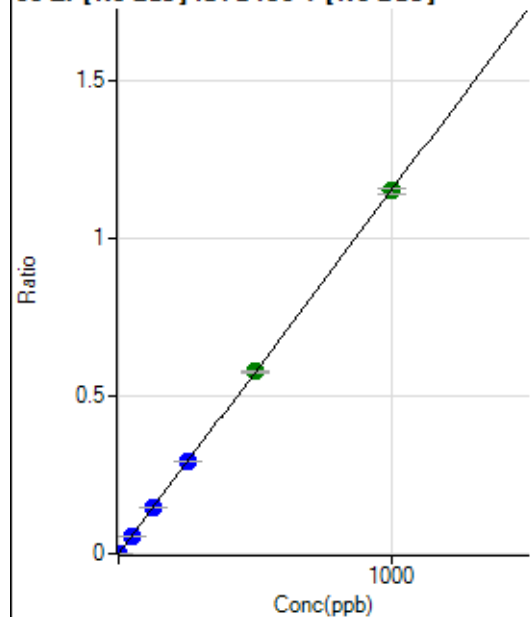
$$DL = 0.007661$$

$$BEC = 0.007347$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	925.07	0.0000	P	7.4
2	☐	1.000	0.751	17311.15	0.0009	P	4.1
3	☐	50.000	50.074	1085101.93	0.0578	P	0.4
4	☐	125.000	127.464	2735385.67	0.1471	P	1.1
5	☐	250.000	253.986	5267078.54	0.2932	P	0.4
6	☐	500.000	500.838	10200199.45	0.5780	A	0.5
7	☐	1000.000	998.273	20175812.43	1.1521	A	1.4
8	☐			24307.64	0.0015	P	3.5

$$y = 0.0012 * x + 4.9140E-005$$

$$R = 1.0000$$

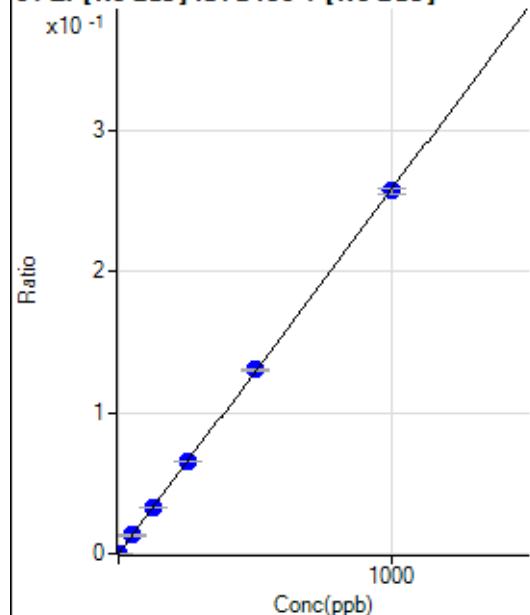
$$DL = 0.009457$$

$$BEC = 0.04258$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	8.0
2	☐	1.000	0.757	3914.60	0.0002	P	4.4
3	☐	50.000	50.313	244211.80	0.0130	P	0.9
4	☐	125.000	127.405	612412.47	0.0329	P	0.5
5	☐	250.000	255.336	1185983.90	0.0660	P	0.5
6	☐	500.000	504.405	2300856.00	0.1304	P	0.3
7	☐	1000.000	996.147	4509202.40	0.2575	P	1.6
8	☐			5481.81	0.0003	P	1.7

$$y = 2.5847\text{E-}004 * x + 1.1513\text{E-}005$$

$$R = 1.0000$$

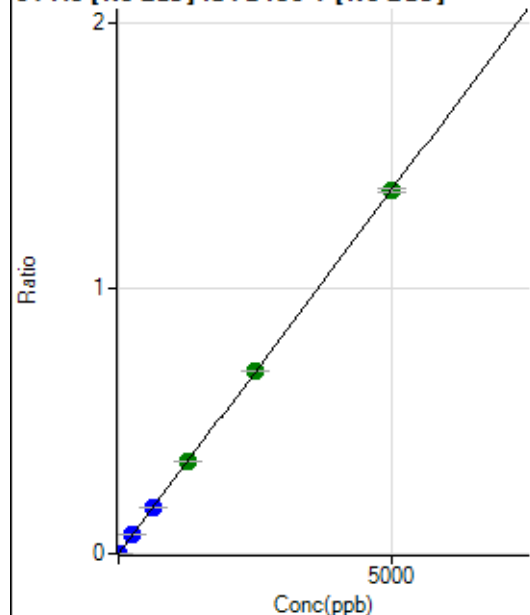
$$DL = 0.01064$$

$$BEC = 0.04454$$

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	383.36	0.0000	P	18.3
2	☐	5.000	4.806	25323.15	0.0013	P	2.1
3	☐	250.000	253.792	1307230.86	0.0697	P	0.4
4	☐	625.000	639.288	3262222.51	0.1755	P	0.3
5	☐	1250.000	1259.719	6212127.83	0.3457	A	0.3
6	☐	2500.000	2513.186	12172175.27	0.6898	A	0.4
7	☐	5000.000	4989.002	23979660.26	1.3692	A	1.1
8	☐			41714.56	0.0025	P	1.7

$$y = 2.7445\text{E-}004 * x + 2.0379\text{E-}005$$

$$R = 1.0000$$

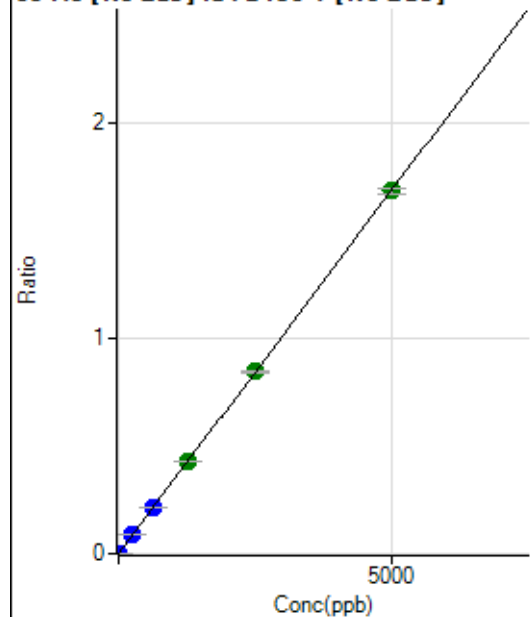
$$DL = 0.04072$$

$$BEC = 0.07425$$

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	66.67	0.0000	P	22.1
2	☐	5.000	5.136	32769.09	0.0017	P	0.6
3	☐	250.000	252.872	1598076.14	0.0852	P	0.9
4	☐	625.000	636.480	3985360.38	0.2144	P	0.7
5	☐	1250.000	1261.856	7636196.61	0.4250	A	0.5
6	☐	2500.000	2503.089	14877355.89	0.8431	A	0.5
7	☐	5000.000	4993.913	29456921.14	1.6820	A	1.3
8	☐			57689.70	0.0034	P	1.6

$$y = 3.3681E-004 * x + 3.5444E-006$$

$$R = 1.0000$$

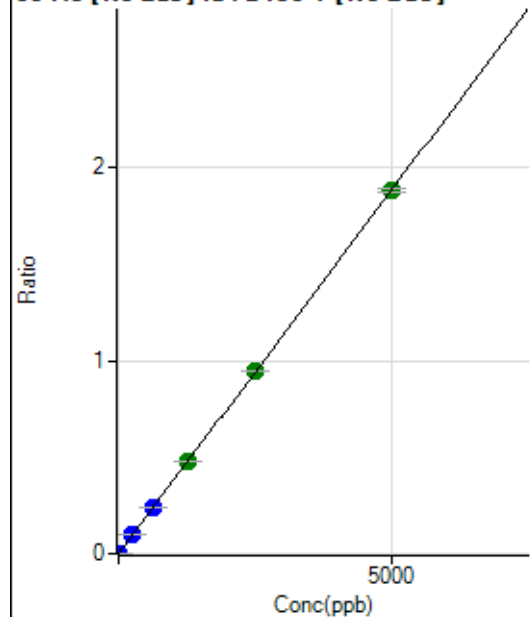
$$DL = 0.006981$$

$$BEC = 0.01052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	14.2
2	☐	5.000	5.141	36773.31	0.0019	P	1.5
3	☐	250.000	254.411	1796574.95	0.0958	P	0.9
4	☐	625.000	637.019	4456894.46	0.2397	P	0.8
5	☐	1250.000	1261.861	8532323.97	0.4749	A	0.6
6	☐	2500.000	2508.684	16660210.79	0.9441	A	0.7
7	☐	5000.000	4990.970	32894742.05	1.8783	A	1.0
8	☐			69746.47	0.0042	P	0.9

$$y = 3.7633E-004 * x + 1.0335E-005$$

$$R = 1.0000$$

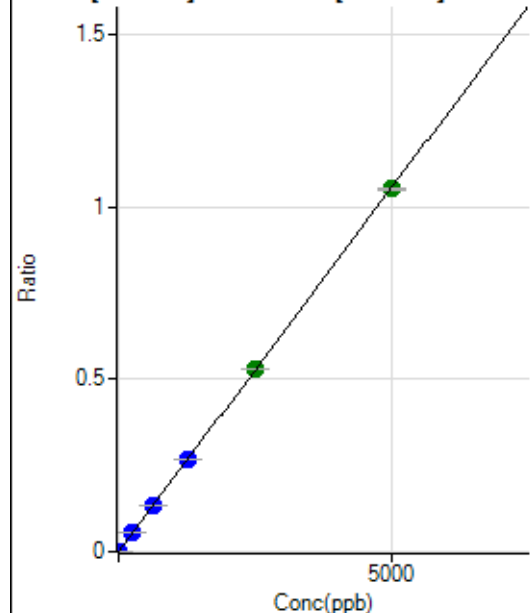
$$DL = 0.01169$$

$$BEC = 0.02746$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.0
2	☐	5.000	5.385	21536.37	0.0011	P	3.0
3	☐	250.000	254.482	1006791.33	0.0537	P	0.8
4	☐	625.000	638.714	2503590.42	0.1347	P	1.1
5	☐	1250.000	1269.926	4810954.40	0.2678	P	0.8
6	☐	2500.000	2513.993	9354017.83	0.5301	A	0.2
7	☐	5000.000	4986.083	18412177.50	1.0513	A	0.8
8	☐			35954.84	0.0021	P	1.0

$$y = 2.1085\text{E-}004 * x + 3.6883\text{E-}006$$

$$R = 1.0000$$

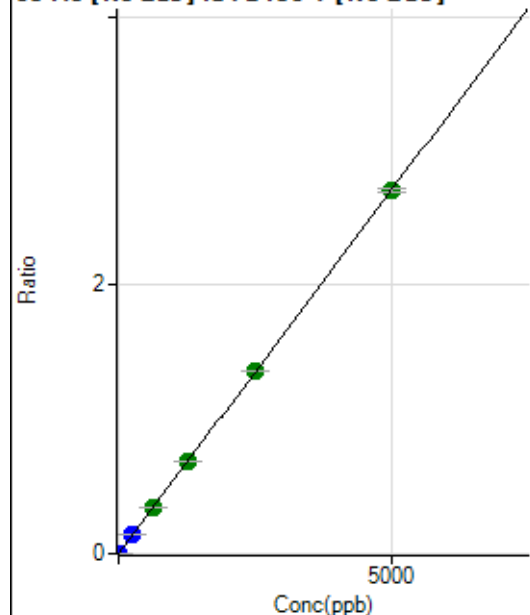
$$DL = 0.00943$$

$$BEC = 0.01749$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	9.1
2	☐	5.000	5.167	53066.58	0.0028	P	1.2
3	☐	250.000	253.718	2578016.38	0.1374	P	0.6
4	☐	625.000	633.701	6379834.52	0.3432	A	0.6
5	☐	1250.000	1260.900	12268317.73	0.6828	A	0.5
6	☐	2500.000	2512.809	24012335.26	1.3608	A	0.7
7	☐	5000.000	4989.597	47321612.86	2.7020	A	1.2
8	☐			91379.09	0.0055	P	1.9

$$y = 5.4153\text{E-}004 * x + 8.8574\text{E-}006$$

$$R = 1.0000$$

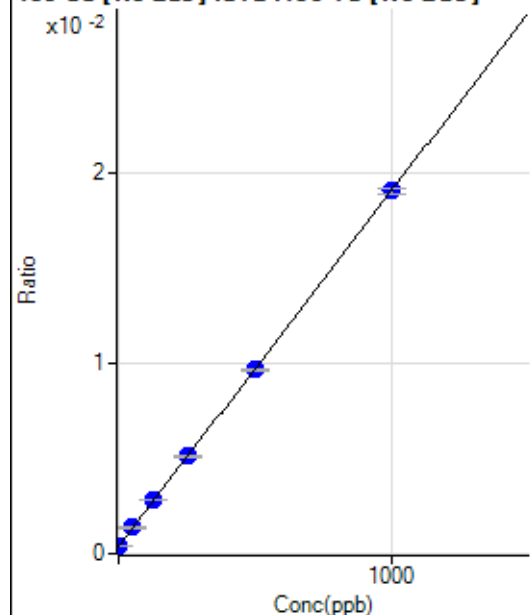
$$DL = 0.004447$$

$$BEC = 0.01636$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8480.70	0.0004	P	1.6
2	☐	1.000	1.003	8939.34	0.0004	P	2.8
3	☐	50.000	52.798	30430.69	0.0014	P	0.7
4	☐	125.000	132.265	63448.39	0.0029	P	1.3
5	☐	250.000	254.145	111319.16	0.0051	P	2.5
6	☐	500.000	496.981	208490.71	0.0097	P	1.2
7	☐	1000.000	999.425	409844.51	0.0191	P	1.4
8	☐			8016.47	0.0004	P	3.5

$$y = 1.8728\text{E-}005 * x + 3.8116\text{E-}004$$

$$R = 1.0000$$

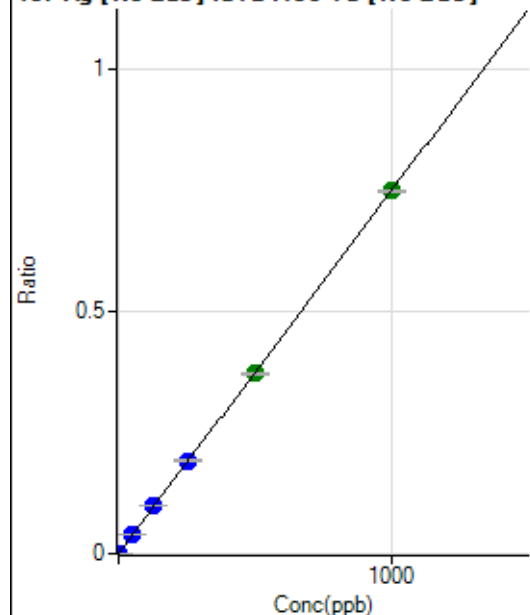
$$DL = 0.997$$

$$BEC = 20.35$$

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	166.67	0.0000	P	13.2
2	☐	1.000	1.181	19961.99	0.0009	P	2.3
3	☐	50.000	53.796	896301.96	0.0403	P	1.1
4	☐	125.000	131.079	2182225.33	0.0983	P	1.4
5	☐	250.000	256.774	4169803.13	0.1926	P	1.0
6	☐	500.000	495.998	8004719.45	0.3720	A	0.8
7	☐	1000.000	999.358	16083454.52	0.7494	A	0.8
8	☐			16796.69	0.0009	P	3.0

$$y = 7.4992\text{E-}004 * x + 7.4908\text{E-}006$$

$$R = 1.0000$$

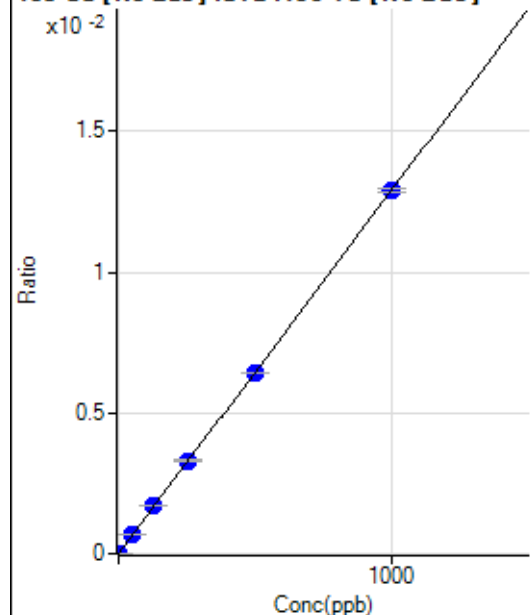
$$DL = 0.003959$$

$$BEC = 0.009989$$

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	26.39	0.0000	P	18.2
2	☐	1.000	1.026	322.23	0.0000	P	22.0
3	☐	50.000	53.389	15330.77	0.0007	P	0.9
4	☐	125.000	130.509	37419.08	0.0017	P	0.9
5	☐	250.000	256.404	71676.35	0.0033	P	0.9
6	☐	500.000	497.396	138161.34	0.0064	P	0.2
7	☐	1000.000	998.843	276648.92	0.0129	P	1.0
8	☐			358.35	0.0000	P	2.5

$$y = 1.2905E-005 * x + 1.1859E-006$$

$$R = 1.0000$$

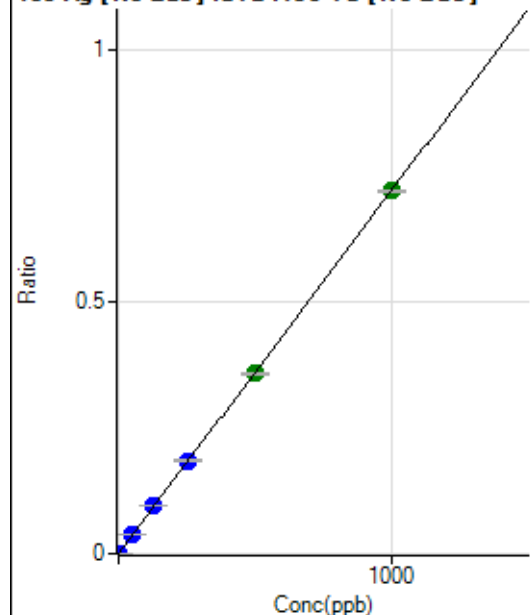
$$DL = 0.05004$$

$$BEC = 0.0919$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.6
2	☐	1.000	1.185	19096.92	0.0009	P	1.6
3	☐	50.000	53.908	862215.70	0.0388	P	0.7
4	☐	125.000	131.383	2099888.85	0.0946	P	1.4
5	☐	250.000	256.133	3993371.14	0.1844	P	0.9
6	☐	500.000	496.406	7691505.03	0.3574	A	0.7
7	☐	1000.000	999.270	15440764.75	0.7195	A	0.4
8	☐			16418.46	0.0008	P	2.7

$$y = 7.2000E-004 * x + 1.2488E-006$$

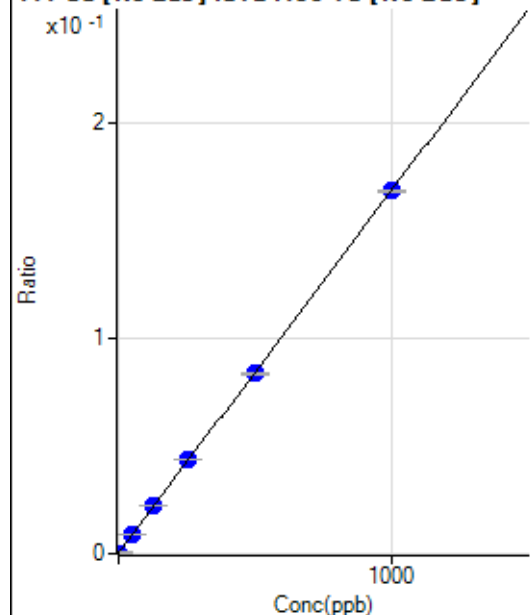
$$R = 1.0000$$

$$DL = 0.0009152$$

$$BEC = 0.001734$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5988.85	0.0003	P	1.8
2	☐	1.000	1.044	9936.76	0.0004	P	1.7
3	☐	50.000	52.855	203167.02	0.0091	P	0.4
4	☐	125.000	131.546	496418.33	0.0224	P	1.4
5	☐	250.000	257.742	943223.01	0.0436	P	0.3
6	☐	500.000	495.840	1797921.67	0.0835	P	1.0
7	☐	1000.000	999.184	3607302.53	0.1681	P	0.2
8	☐			9146.00	0.0005	P	2.5

$$y = 1.6795E-004 * x + 2.6917E-004$$

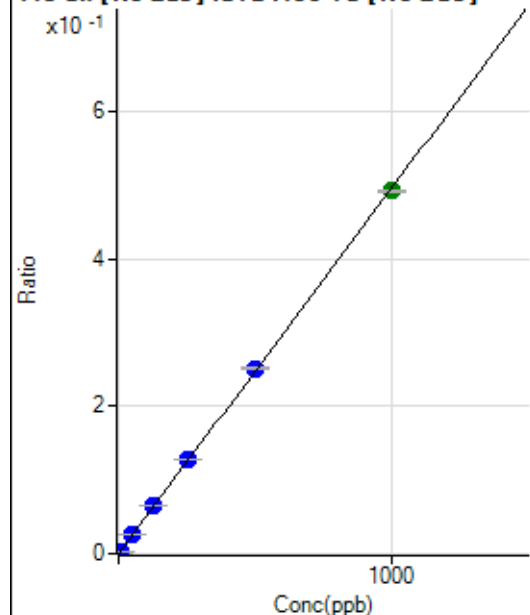
$$R = 0.9999$$

$$DL = 0.08886$$

$$BEC = 1.603$$

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	1225.11	0.0001	P	4.2
2	☐	5.000	5.163	58374.75	0.0026	P	0.7
3	☐	50.000	52.356	577041.28	0.0260	P	0.2
4	☐	125.000	130.649	1437200.28	0.0647	P	1.2
5	☐	250.000	257.836	2765609.83	0.1277	P	0.1
6	☐	500.000	507.773	5411575.99	0.2515	P	0.3
7	☐	1000.000	993.329	10556181.31	0.4919	A	0.4
8	☐			17119.40	0.0009	P	1.8

$$y = 4.9513E-004 * x + 5.5067E-005$$

$$R = 0.9999$$

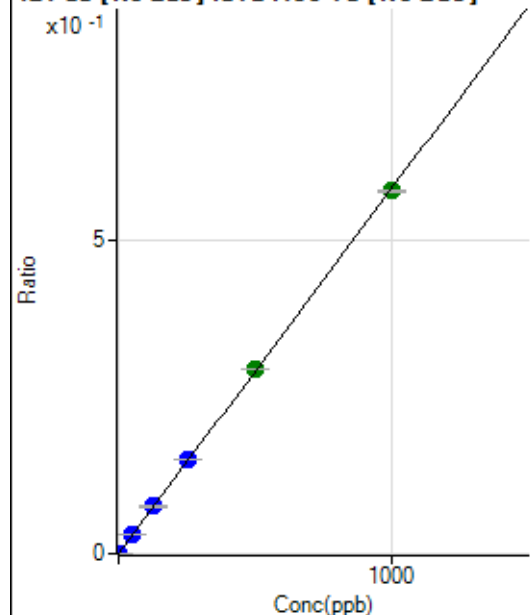
$$DL = 0.01386$$

$$BEC = 0.1112$$

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	83.33	0.0000	P	17.6
2	☐	2.000	1.992	26022.24	0.0012	P	3.7
3	☐	50.000	51.511	666730.91	0.0300	P	0.6
4	☐	125.000	129.956	1680825.79	0.0757	P	1.5
5	☐	250.000	257.881	3253570.19	0.1503	P	0.3
6	☐	500.000	506.467	6350184.38	0.2951	A	0.4
7	☐	1000.000	994.101	12430200.54	0.5792	A	0.3
8	☐			24541.61	0.0012	P	2.3

$$y = 5.8262\text{E-}004 * x + 3.7465\text{E-}006$$

$$R = 0.9999$$

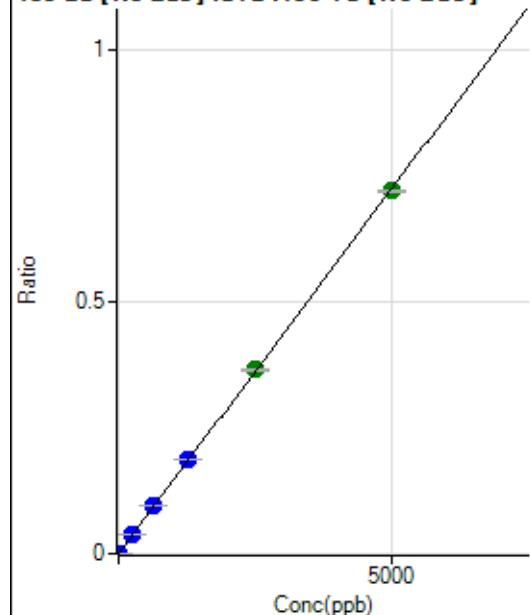
$$DL = 0.003394$$

$$BEC = 0.00643$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	21.7
2	☐	10.000	10.233	33254.55	0.0015	P	0.8
3	☐	250.000	259.646	835207.21	0.0376	P	0.7
4	☐	625.000	653.038	2099146.77	0.0946	P	1.0
5	☐	1250.000	1289.594	4043427.13	0.1867	P	0.4
6	☐	2500.000	2521.729	7857571.53	0.3651	A	1.0
7	☐	5000.000	4975.249	15459966.49	0.7204	A	0.4
8	☐			17859.39	0.0009	P	1.9

$$y = 1.4479\text{E-}004 * x + 6.1187\text{E-}006$$

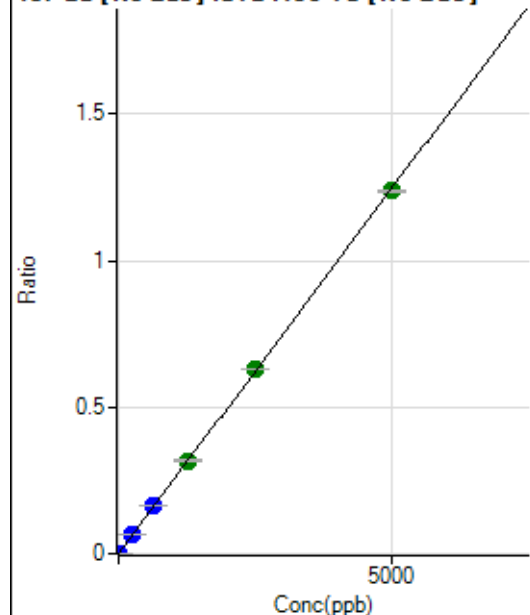
$$R = 0.9999$$

$$DL = 0.02745$$

$$BEC = 0.04226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	205.57	0.0000	P	9.1
2	☐	10.000	10.414	58147.17	0.0026	P	0.4
3	☐	250.000	263.370	1456357.26	0.0656	P	0.2
4	☐	625.000	652.916	3607642.62	0.1625	P	1.6
5	☐	1250.000	1277.486	6885624.63	0.3180	A	0.4
6	☐	2500.000	2535.761	13582890.06	0.6312	A	0.4
7	☐	5000.000	4971.089	26554443.65	1.2373	A	0.3
8	☐			31350.17	0.0016	P	1.8

$$y = 2.4890E-004 * x + 9.2376E-006$$

$$R = 0.9999$$

$$DL = 0.01017$$

$$BEC = 0.03711$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.
2	☐			24.44		P	63.0
3	☐			102.23		P	24.7
4	☐			222.23		P	13.5
5	☐			406.69		P	11.4
6	☐			768.94		P	5.9
7	☐			1522.37		P	1.8
8	☐			155.56		P	22.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			11.11		P	62.5
3	☐			28.89		P	17.6
4	☐			28.89		P	48.0
5	☐			47.78		P	33.0
6	☐			77.78		P	21.6
7	☐			121.12		P	16.8
8	☐			48.89		P	14.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			202.79		P	2.4
2	☐			77.78		P	32.7
3	☐			175.01		P	16.5
4	☐			219.46		P	18.7
5	☐			194.45		P	9.9
6	☐			194.46		P	16.2
7	☐			391.69		P	9.8
8	☐			211.12		P	6.0

156 Dy [He] No available calibration points

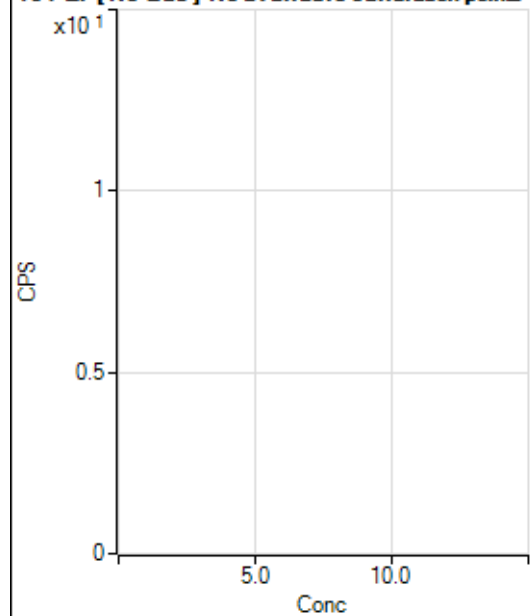
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40.00		P	16.7
2	☐			22.22		P	45.8
3	☐			41.11		P	12.4
4	☐			70.00		P	24.7
5	☐			100.00		P	23.3
6	☐			175.56		P	19.5
7	☐			326.67		P	14.4
8	☐			64.45		P	6.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	12.0
2	☐			158.34		P	24.1
3	☐			172.23		P	21.8
4	☐			141.67		P	42.4
5	☐			158.34		P	10.5
6	☐			186.12		P	21.2
7	☐			194.46		P	31.6
8	☐			188.90		P	33.4

160 Gd [He] No available calibration points

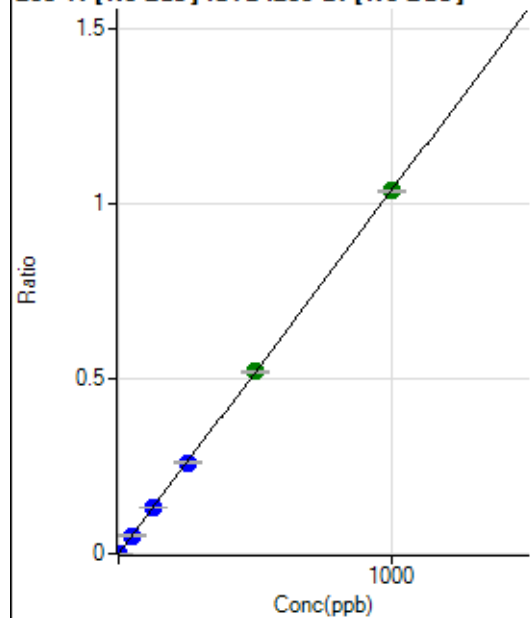
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			338.90		P	8.4
2	☐			326.68		P	6.2
3	☐			328.90		P	14.7
4	☐			304.45		P	5.5
5	☐			366.68		P	7.4
6	☐			323.34		P	5.7
7	☐			342.23		P	4.9
8	☐			317.79		P	8.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	33.3
2	☐			119.45		P	29.0
3	☐			127.79		P	26.4
4	☐			130.56		P	14.7
5	☐			144.45		P	42.5
6	☐			136.12		P	34.8
7	☐			188.90		P	26.6
8	☐			161.12		P	23.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	23.5
2	☐			81.11		P	11.9
3	☐			75.56		P	21.8
4	☐			65.56		P	38.2
5	☐			80.00		P	12.5
6	☐			81.11		P	8.6
7	☐			84.45		P	21.7
8	☐			74.45		P	14.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	980.64	0.0001	P	9.9
2	☐	1.000	0.927	15003.46	0.0010	P	3.1
3	☐	50.000	49.942	739010.88	0.0518	P	1.3
4	☐	125.000	125.813	1856295.79	0.1304	P	1.2
5	☐	250.000	250.952	3599593.83	0.2600	P	0.5
6	☐	500.000	501.205	7069787.40	0.5192	A	0.7
7	☐	1000.000	999.061	13675123.57	1.0350	A	0.4
8	☐			17242.37	0.0015	P	1.6

$$y = 0.0010 * x + 6.7789E-005$$

$$R = 1.0000$$

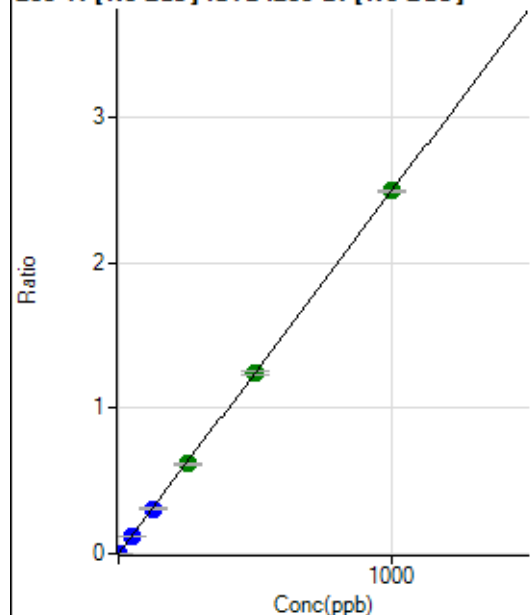
$$DL = 0.01944$$

$$BEC = 0.06544$$

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	1905.78	0.0001	P	7.9
2	☐	1.000	0.939	36066.37	0.0025	P	3.0
3	☐	50.000	50.051	1780681.12	0.1248	P	1.0
4	☐	125.000	124.412	4413883.13	0.3101	P	1.5
5	☐	250.000	247.106	8523179.97	0.6157	A	1.0
6	☐	500.000	499.784	16952651.42	1.2451	A	1.6
7	☐	1000.000	1000.902	32947027.82	2.4935	A	0.3
8	☐			40947.45	0.0037	P	0.8

$$y = 0.0025 * x + 1.3173E-004$$

$$R = 1.0000$$

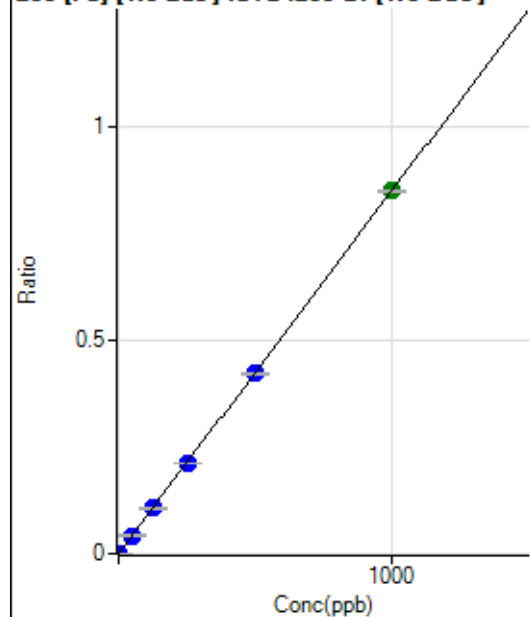
$$DL = 0.01251$$

$$BEC = 0.05288$$

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	1826.10	0.0001	P	3.4
2	☐	1.000	0.953	13649.93	0.0009	P	0.2
3	☐	50.000	50.088	608275.66	0.0426	P	1.1
4	☐	125.000	125.144	1513796.81	0.1063	P	1.2
5	☐	250.000	249.597	2934098.82	0.2120	P	1.0
6	☐	500.000	498.323	5759820.73	0.4230	P	1.1
7	☐	1000.000	1000.917	11225612.63	0.8496	A	0.4
8	☐			50079.76	0.0045	P	2.2

$$y = 8.4868E-004 * x + 1.2623E-004$$

$$R = 1.0000$$

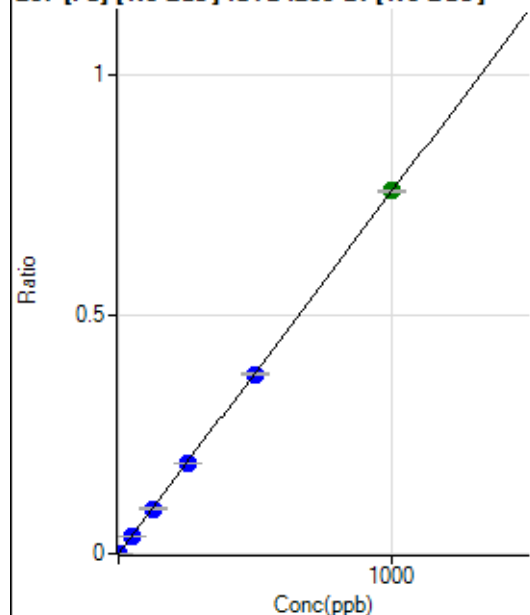
$$DL = 0.01515$$

$$BEC = 0.1487$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1672.38	0.0001	P	10.9
2	☐	1.000	0.956	12242.98	0.0008	P	2.8
3	☐	50.000	50.134	542723.24	0.0380	P	0.8
4	☐	125.000	124.694	1344399.18	0.0944	P	1.8
5	☐	250.000	249.427	2613478.01	0.1888	P	0.9
6	☐	500.000	494.744	5097059.49	0.3744	P	1.1
7	☐	1000.000	1002.803	10024440.27	0.7587	A	0.4
8	☐			45217.90	0.0040	P	0.3

$$y = 7.5644\text{E-}004 * x + 1.1557\text{E-}004$$

$$R = 1.0000$$

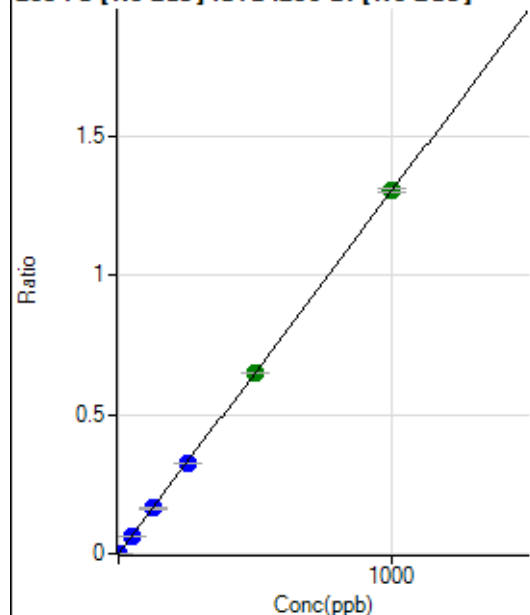
$$DL = 0.04991$$

$$BEC = 0.1528$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1950.32	0.0001	P	13.7
2	☐	1.000	0.963	20289.92	0.0014	P	2.9
3	☐	50.000	49.720	926530.31	0.0649	P	0.5
4	☐	125.000	124.702	2315889.54	0.1627	P	1.5
5	☐	250.000	250.168	4516134.32	0.3262	P	0.1
6	☐	500.000	497.928	8838872.65	0.6492	A	0.7
7	☐	1000.000	1001.045	17241942.45	1.3049	A	1.2
8	☐			79125.74	0.0071	P	1.4

$$y = 0.0013 * x + 1.3477\text{E-}004$$

$$R = 1.0000$$

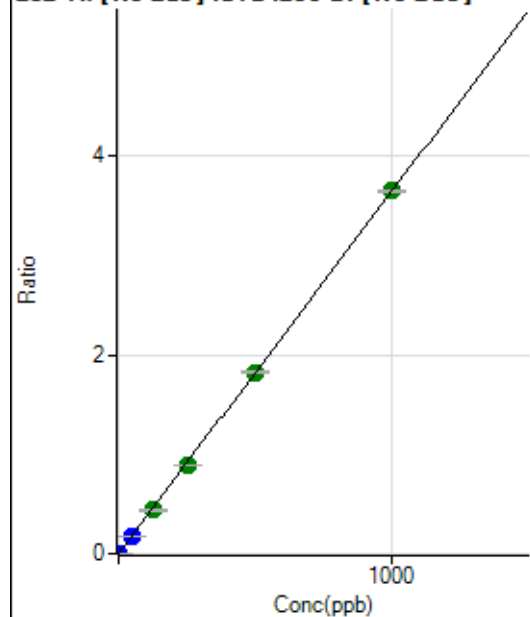
$$DL = 0.04264$$

$$BEC = 0.1034$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2300.27	0.0002	P	0.9
2	☐	1.000	0.645	36614.86	0.0025	P	4.8
3	☐	50.000	47.086	2450193.77	0.1717	P	0.2
4	☐	125.000	119.905	6222223.52	0.4371	A	1.4
5	☐	250.000	244.661	12343953.86	0.8917	A	0.5
6	☐	500.000	499.935	24804511.66	1.8218	A	1.1
7	☐	1000.000	1002.150	48252020.99	3.6518	A	0.3
8	☐			11874.22	0.0011	P	4.6

$$y = 0.0036 * x + 1.5900E-004$$

$$R = 1.0000$$

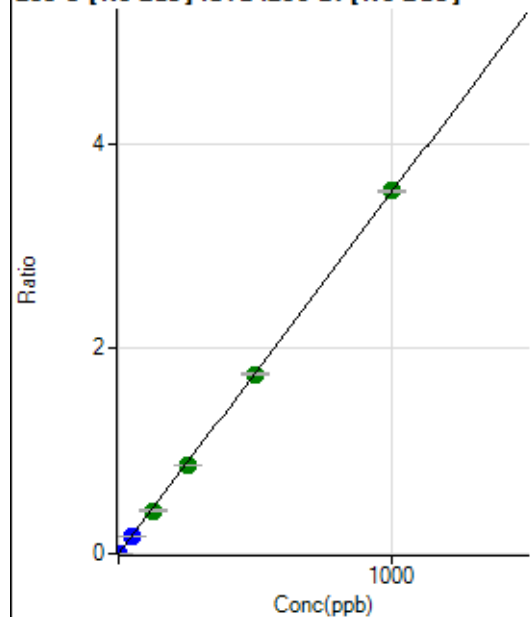
$$DL = 0.001132$$

$$BEC = 0.04363$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2844.88	0.0002	P	6.3
2	☐	1.000	0.903	49311.65	0.0034	P	3.3
3	☐	50.000	47.941	2413357.41	0.1691	P	0.2
4	☐	125.000	119.595	6002797.62	0.4217	A	1.4
5	☐	250.000	244.779	11944651.48	0.8628	A	0.6
6	☐	500.000	496.374	23819636.30	1.7495	A	0.9
7	☐	1000.000	1003.897	46749944.45	3.5381	A	0.8
8	☐			48921.23	0.0044	P	1.0

$$y = 0.0035 * x + 1.9665E-004$$

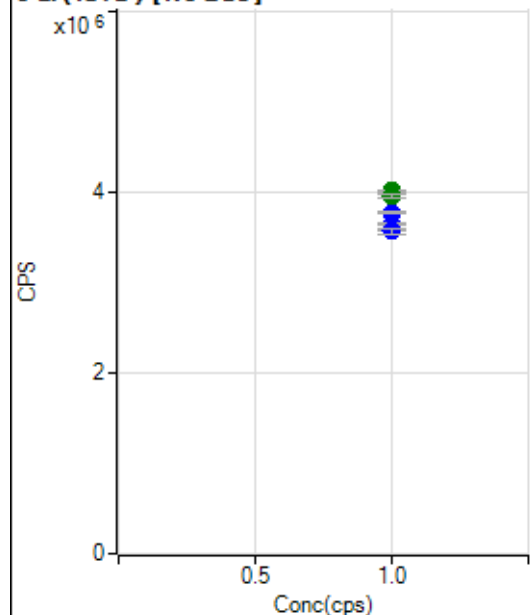
$$R = 1.0000$$

$$DL = 0.01059$$

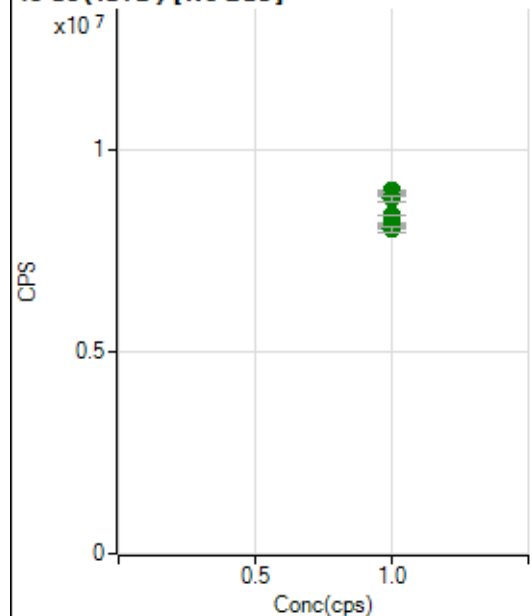
$$BEC = 0.0558$$

Weight: <None>

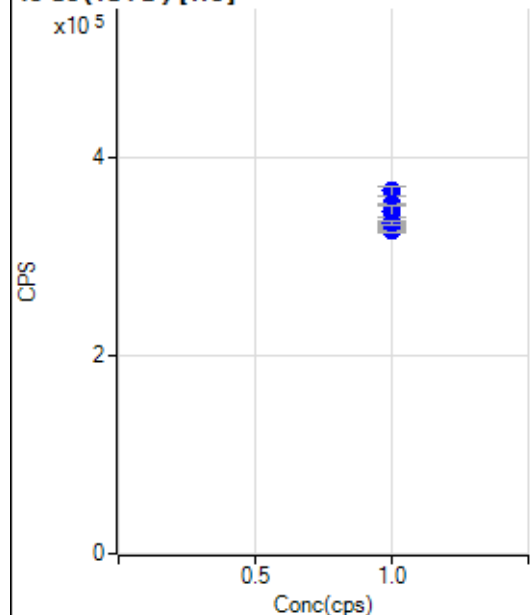
Min Conc: 0

6 Li (ISTD) [No Gas]

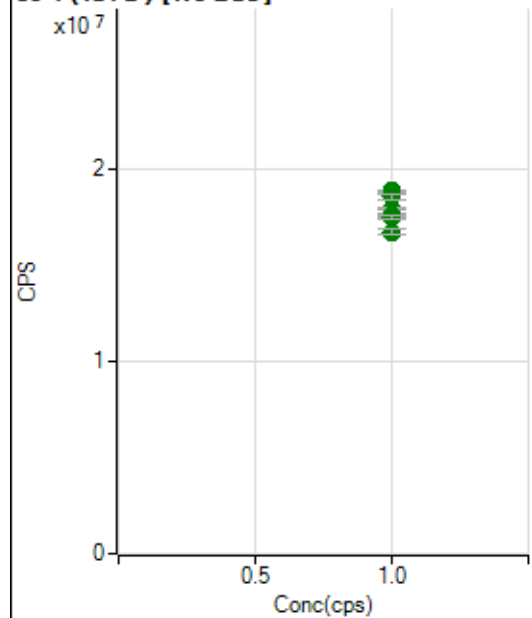
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3992636.16		A	0.2
2	☐	1.000		4020308.37		A	0.3
3	☐	1.000		4015265.98		A	0.6
4	☐	1.000		3958346.36		A	0.9
5	☐	1.000		3777761.13		P	0.4
6	☐	1.000		3647251.33		P	0.6
7	☐	1.000		3588495.95		P	1.0
8	☐	1.000		3572042.69		P	2.1

45 Sc (ISTD) [No Gas]

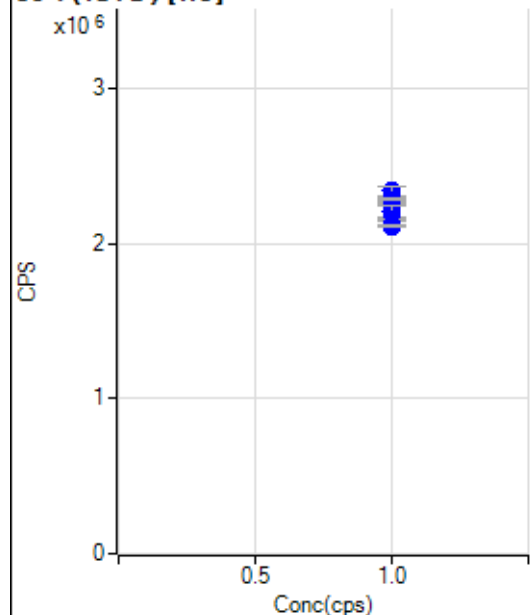
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8998197.08		A	0.6
2	☐	1.000		8976880.49		A	0.6
3	☐	1.000		8940063.48		A	0.5
4	☐	1.000		8805272.59		A	1.9
5	☐	1.000		8393131.35		A	0.2
6	☐	1.000		8167957.47		A	1.2
7	☐	1.000		8115230.39		A	1.0
8	☐	1.000		8041454.44		A	1.3

45 Sc (ISTD) [He]

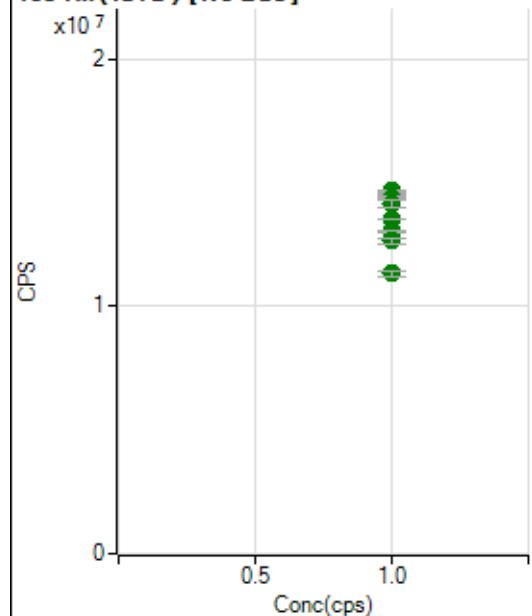
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		365668.86		P	2.6
2	☐	1.000		351885.30		P	0.1
3	☐	1.000		353253.79		P	0.1
4	☐	1.000		344222.85		P	3.3
5	☐	1.000		332044.02		P	0.7
6	☐	1.000		328014.08		P	0.7
7	☐	1.000		325224.72		P	0.6
8	☐	1.000		333773.11		P	1.0

89 Y (ISTD) [No Gas]

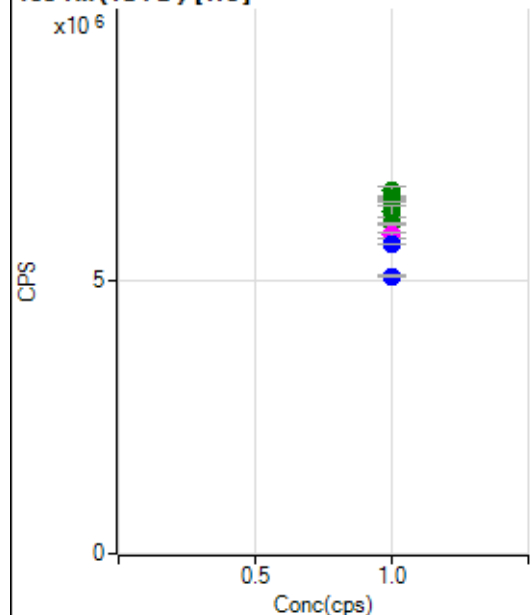
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18822767.50		A	0.5
2	☐	1.000		18906371.11		A	0.5
3	☐	1.000		18762216.81		A	0.4
4	☐	1.000		18591407.36		A	1.2
5	☐	1.000		17967295.01		A	0.6
6	☐	1.000		17646759.74		A	0.7
7	☐	1.000		17514540.30		A	1.2
8	☐	1.000		16748766.97		A	1.8

89 Y(ISTD) [He]

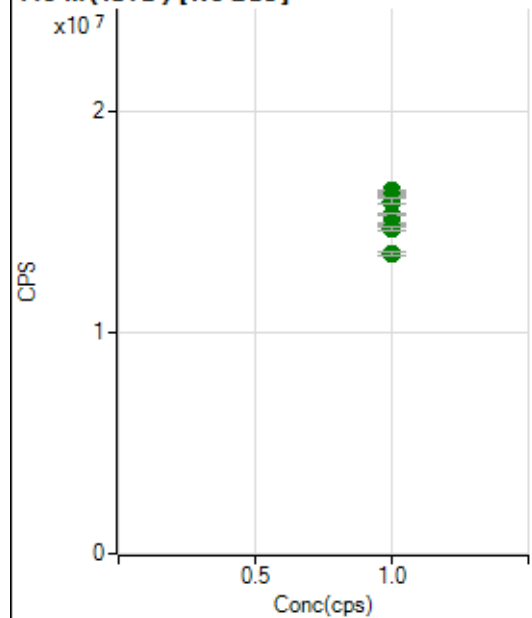
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2337073.56		P	2.4
2	☐	1.000		2261451.34		P	0.2
3	☐	1.000		2283118.37		P	0.4
4	☐	1.000		2206096.34		P	3.5
5	☐	1.000		2152462.92		P	0.7
6	☐	1.000		2121516.81		P	1.4
7	☐	1.000		2117899.90		P	0.2
8	☐	1.000		2109479.62		P	0.3

103 Rh(ISTD) [No Gas]

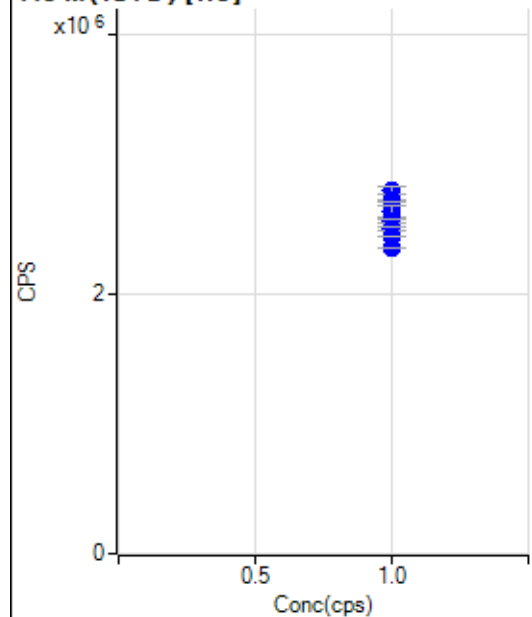
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14579301.02		A	0.5
2	☐	1.000		14656230.88		A	0.4
3	☐	1.000		14389558.83		A	0.7
4	☐	1.000		14115654.48		A	2.1
5	☐	1.000		13497272.18		A	0.2
6	☐	1.000		13021100.90		A	0.5
7	☐	1.000		12638485.26		A	1.5
8	☐	1.000		11308012.67		A	1.7

103 Rh (ISTD) [He]

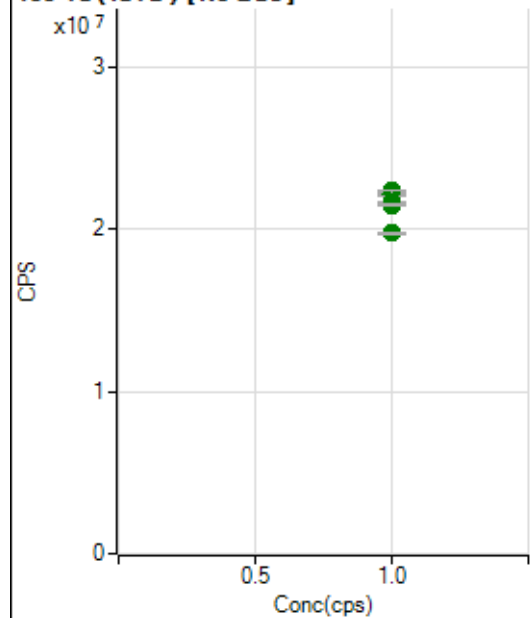
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6644315.53		A	2.6
2	☐	1.000		6505363.03		A	0.3
3	☐	1.000		6450326.43		A	0.3
4	☐	1.000		6265575.18		A	3.7
5	☐	1.000		6041400.95		A	1.0
6	☐	1.000		5839819.77		M	1.8
7	☐	1.000		5668381.79		P	0.2
8	☐	1.000		5078514.06		P	0.7

115 In (ISTD) [No Gas]

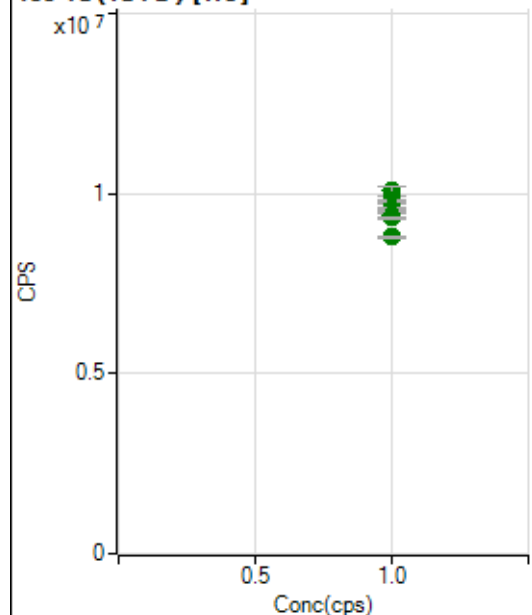
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16204886.30		A	0.6
2	☐	1.000		16439304.18		A	0.4
3	☐	1.000		16184948.97		A	0.8
4	☐	1.000		15974588.56		A	1.7
5	☐	1.000		15359030.98		A	0.3
6	☐	1.000		14961594.52		A	0.8
7	☐	1.000		14729931.28		A	1.3
8	☐	1.000		13596026.62		A	1.2

115 In (ISTD) [He]

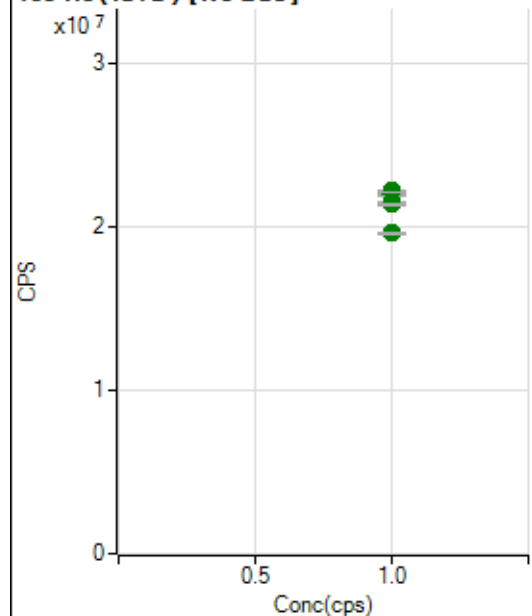
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2795419.46		P	2.2
2	☐	1.000		2723385.43		P	0.1
3	☐	1.000		2710930.48		P	0.4
4	☐	1.000		2633479.18		P	3.2
5	☐	1.000		2561595.37		P	1.0
6	☐	1.000		2497537.52		P	1.2
7	☐	1.000		2443672.35		P	0.4
8	☐	1.000		2352973.21		P	0.1

159 Tb (ISTD) [No Gas]

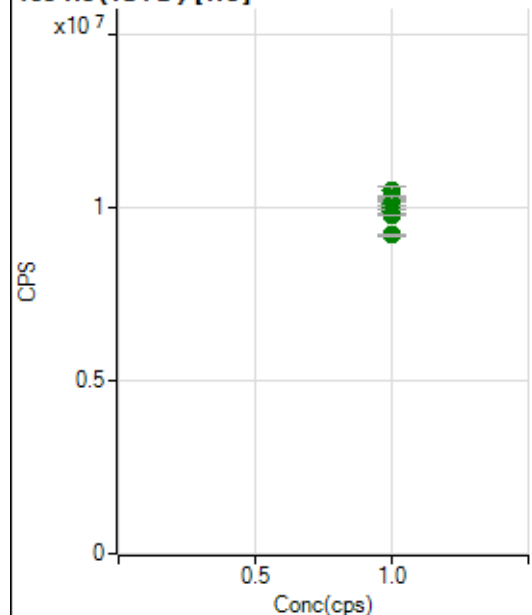
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22249828.84		A	0.4
2	☐	1.000		22352711.61		A	0.4
3	☐	1.000		22212896.61		A	0.3
4	☐	1.000		22201476.89		A	1.6
5	☐	1.000		21654363.29		A	0.4
6	☐	1.000		21520276.90		A	0.5
7	☐	1.000		21461200.23		A	0.6
8	☐	1.000		19727711.79		A	1.1

159 Tb (ISTD) [He]

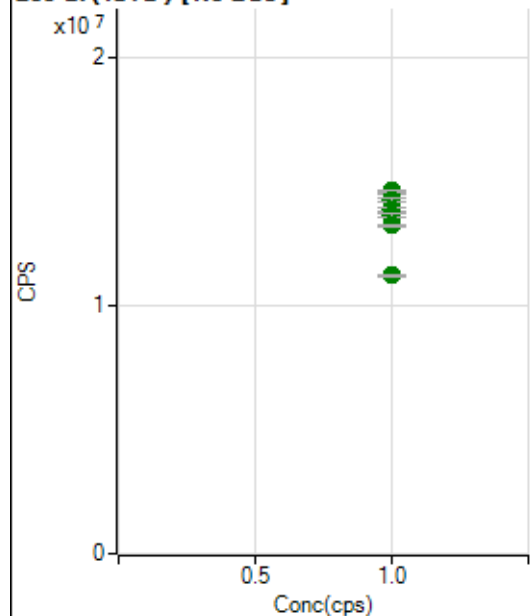
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10083224.08		A	3.0
2	☐	1.000		9765473.12		A	0.4
3	☐	1.000		9812921.38		A	0.2
4	☐	1.000		9635697.42		A	3.6
5	☐	1.000		9585391.59		A	0.5
6	☐	1.000		9432840.90		A	1.4
7	☐	1.000		9337209.93		A	0.6
8	☐	1.000		8799588.34		A	0.3

165 Ho (ISTD) [No Gas]

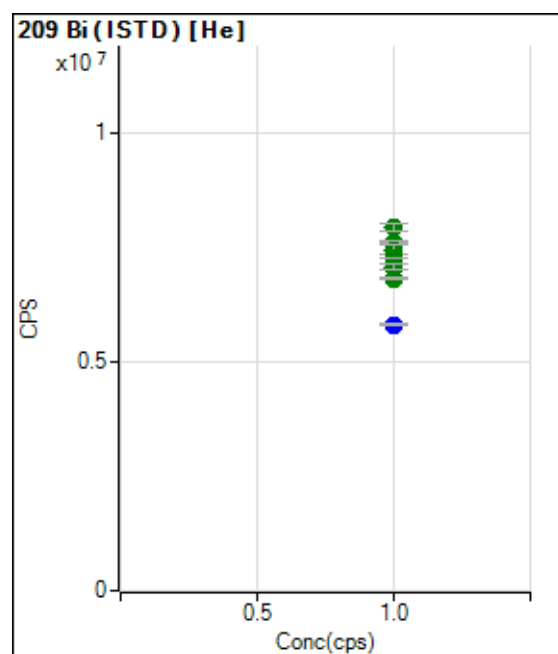
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22048048.06		A	0.9
2	☐	1.000		22153811.61		A	0.2
3	☐	1.000		21872660.39		A	0.4
4	☐	1.000		21972472.89		A	1.4
5	☐	1.000		21459091.28		A	0.8
6	☐	1.000		21402130.69		A	0.7
7	☐	1.000		21331078.43		A	0.9
8	☐	1.000		19576123.87		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10465831.86		A	2.4
2	☐	1.000		10153839.85		A	0.1
3	☐	1.000		10248152.90		A	0.5
4	☐	1.000		10117116.10		A	3.4
5	☐	1.000		9975164.99		A	0.8
6	☐	1.000		9875616.17		A	1.4
7	☐	1.000		9767797.14		A	0.0
8	☐	1.000		9181608.13		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14467117.98		A	0.3
2	☐	1.000		14598233.40		A	0.9
3	☐	1.000		14267576.04		A	1.0
4	☐	1.000		14237734.65		A	1.3
5	☐	1.000		13844003.13		A	1.0
6	☐	1.000		13616120.49		A	1.1
7	☐	1.000		13213215.64		A	0.5
8	☐	1.000		11207989.69		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7915452.94		A	2.3
2	☐	1.000		7587868.01		A	0.2
3	☐	1.000		7599694.19		A	0.5
4	☐	1.000		7442171.90		A	3.2
5	☐	1.000		7256908.29		A	0.4
6	☐	1.000		7064672.74		A	1.9
7	☐	1.000		6816594.48		A	0.3
8	☐	1.000		5802816.03		P	0.3