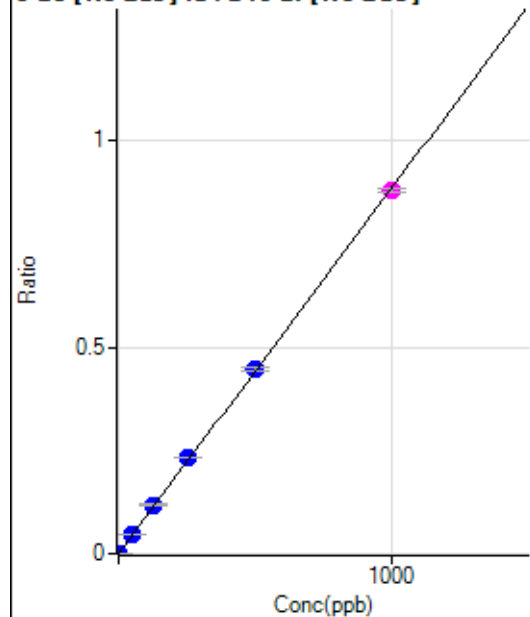


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7020225 MS.b\
Analysis File: P7020225 MS.batch.bin
DA Date-Time: 2025-02-02 17:25:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-02 14:25:31
2	005CAL.S.d	S02	2025-02-02 14:28:50
3	006CAL.S.d	S03	2025-02-02 14:32:07
4	007CAL.S.d	S04	2025-02-02 14:35:10
5	008CAL.S.d	S05	2025-02-02 14:38:06
6	009CAL.S.d	S06	2025-02-02 14:40:52
7	010CAL.S.d	S07	2025-02-02 14:43:39
8	011CAL.S.d	S08	2025-02-02 14:46:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.45	0.0001	P	26.5
2	☐	1.000	1.099	1113.38	0.0010	P	0.7
3	☐	50.000	54.304	53206.28	0.0480	P	1.1
4	☐	125.000	133.799	139065.22	0.1183	P	1.1
5	☐	250.000	261.735	273165.53	0.2313	P	0.8
6	☐	500.000	504.938	534355.31	0.4462	P	1.6
7	☐	1000.000	993.282	1038276.49	0.8776	M	1.2
8	☐			697.80	0.0006	P	19.3

$$y = 8.8350E-004 * x + 5.8946E-005$$

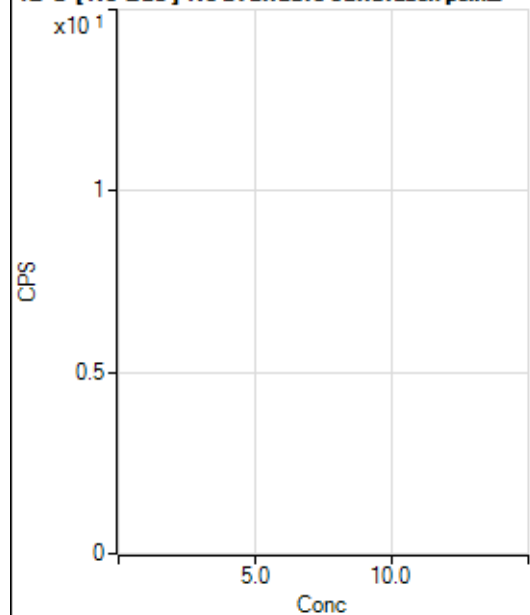
$$R = 0.9999$$

$$DL = 0.05303$$

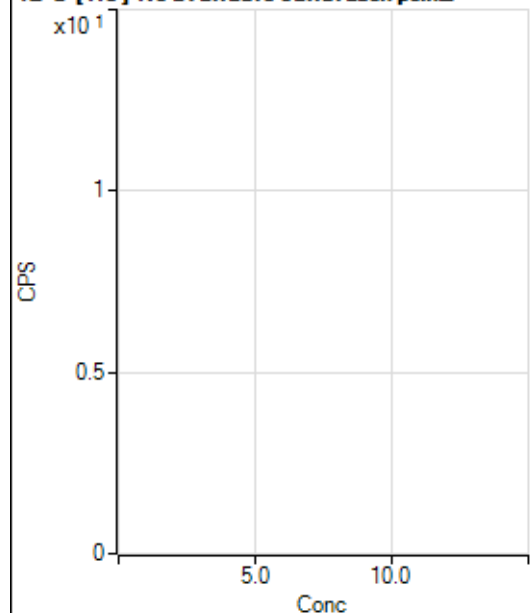
$$BEC = 0.06672$$

Weight: <None>

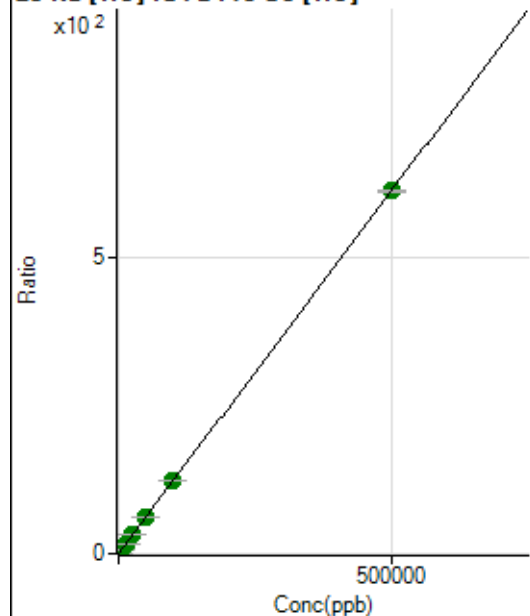
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22326.27	0.0416	P	2.1
2	☐	500.000	494.835	349025.42	0.6461	P	0.8
3	☐	5000.000	4828.662	3150110.79	5.9397	A	0.5
4	☐	12500.000	12413.878	7885588.22	15.2047	A	1.0
5	☐	25000.000	25393.075	15038059.64	31.0583	A	1.5
6	☐	50000.000	50542.029	29511065.95	61.7768	A	0.7
7	☐	100000.00	100421.99	58940577.46	122.7032	A	0.9
8	☐	500000.00	499845.61	301202833.2	610.5839	A	0.6

$$y = 0.0012 * x + 0.0416$$

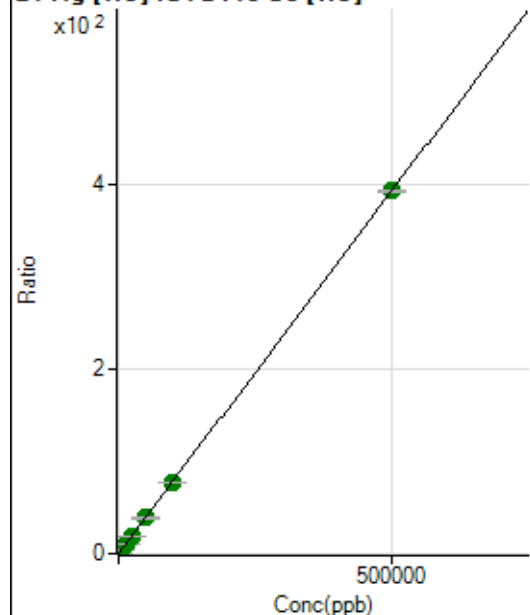
$$R = 1.0000$$

$$DL = 2.169$$

$$BEC = 34.09$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1307.85	0.0024	P	6.3
2	☐	500.000	494.023	210667.26	0.3899	P	0.6
3	☐	5000.000	4738.193	1972354.36	3.7191	A	1.3
4	☐	12500.000	12098.798	4923125.79	9.4927	A	1.2
5	☐	25000.000	24643.509	9360745.14	19.3327	A	1.2
6	☐	50000.000	49144.450	18415919.31	38.5511	A	0.5
7	☐	100000.00	97675.901	36804220.01	76.6189	A	0.5
8	☐	500000.00	500580.85	193699852.6	392.6552	A	0.4

$$y = 7.8439\text{E-}004 * x + 0.0024$$

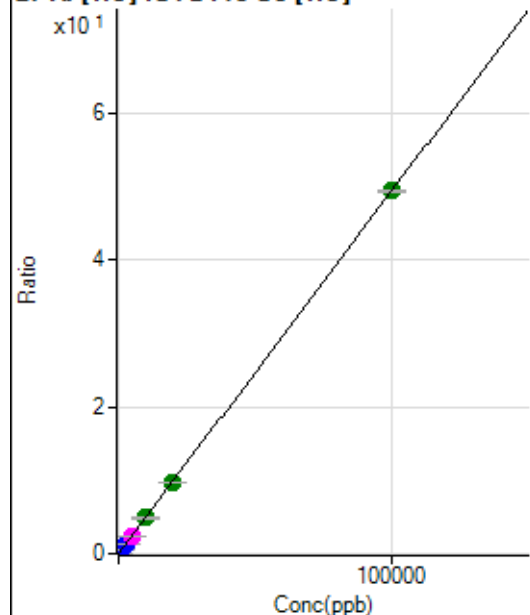
$$R = 1.0000$$

$$DL = 0.5858$$

$$BEC = 3.11$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.56	0.0006	P	7.8
2	☐	20.000	19.230	5462.13	0.0101	P	1.4
3	☐	1000.000	956.274	250484.69	0.4723	P	1.3
4	☐	2500.000	2433.664	622883.48	1.2010	P	1.2
5	☐	5000.000	4907.534	1172197.07	2.4213	M	2.9
6	☐	10000.000	9829.569	2316385.47	4.8490	A	0.5
7	☐	20000.000	19718.294	4672185.87	9.7266	A	0.9
8	☐	100000.00	100080.10	24351584.63	49.3648	A	0.4

$$y = 4.9325\text{E-}004 * x + 6.2573\text{E-}004$$

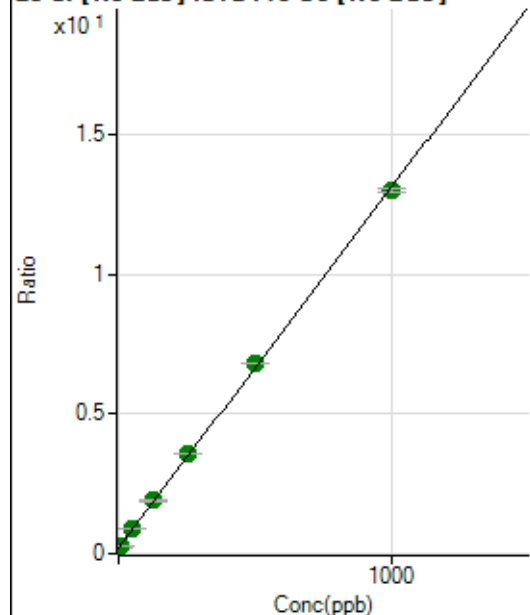
$$R = 1.0000$$

$$DL = 0.2973$$

$$BEC = 1.269$$

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	975196.83	0.2050	M	17.1
2	☐	10.000	3.651	1190998.19	0.2521	A	0.5
3	☐	50.000	53.383	4232514.45	0.8938	A	1.4
4	☐	125.000	131.719	8732228.69	1.9046	A	2.7
5	☐	250.000	259.857	15101667.28	3.5579	A	0.7
6	☐	500.000	512.275	27626435.70	6.8148	A	0.2
7	☐	1000.000	990.452	52495473.11	12.9845	A	0.9
8	☐			685501.15	0.1683	P	1.7

$$y = 0.0129 * x + 0.2050$$

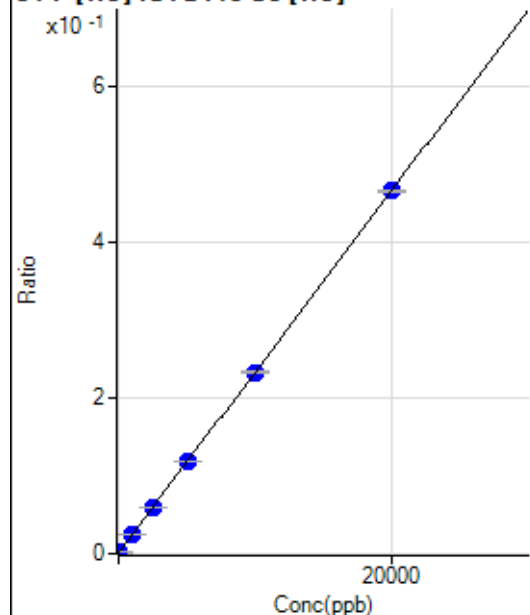
$$R = 0.9998$$

$$DL = 8.148$$

$$BEC = 15.89$$

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	-18.260	296.67	0.0006	P	7.1
2	☐	0.000	18.260	756.69	0.0014	P	4.4
3	☐	1000.000	991.843	12726.49	0.0240	P	2.4
4	☐	2500.000	2520.090	30841.11	0.0595	P	2.0
5	☐	5000.000	5052.950	57261.00	0.1183	P	1.0
6	☐	10000.000	9973.364	111045.82	0.2325	P	0.6
7	☐	20000.000	19997.977	223431.22	0.4651	P	0.2
8	☐			373.34	0.0008	P	15.7

$$y = 2.3210E-005 * x + 9.7702E-004$$

$$R = 1.0000$$

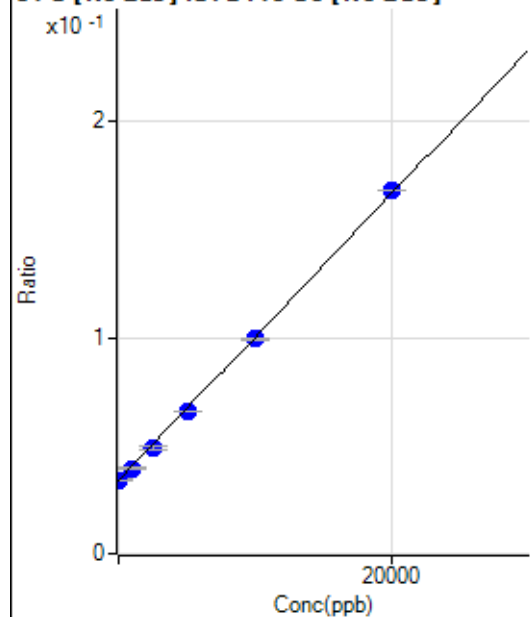
$$DL = 6.504$$

$$BEC = 42.09$$

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	15.047	162126.38	0.0341	P	1.3
2	☐	0.000	-15.047	160197.21	0.0339	P	0.3
3	☐	1000.000	825.088	186992.89	0.0395	P	0.7
4	☐	2500.000	2259.201	224667.96	0.0490	P	2.2
5	☐	5000.000	4787.120	279164.14	0.0658	P	0.7
6	☐	10000.000	9828.936	402175.75	0.0992	P	0.5
7	☐	20000.000	20177.597	678592.33	0.1678	P	0.1
8	☐			124941.48	0.0307	P	3.3

$$y = 6.6327E-006 * x + 0.0340$$

R = 0.9998

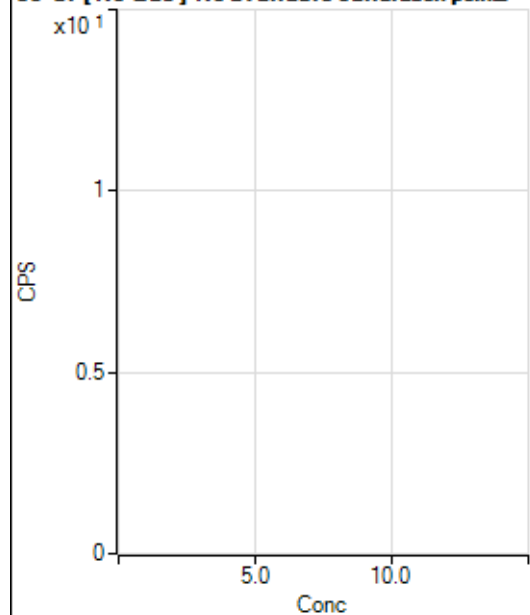
DL = 123.9

BEC = 5128

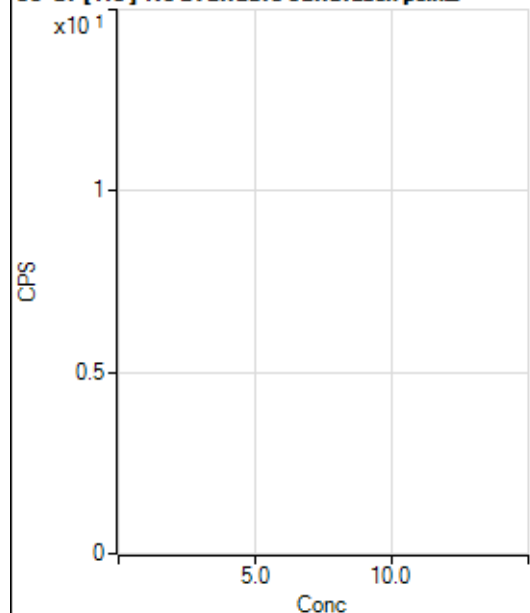
Weight: <None>

Min Conc: 0

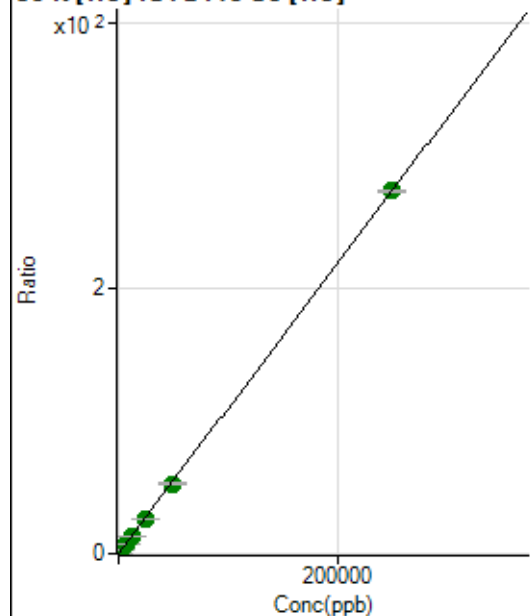
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67580.12	0.1260	P	1.9
2	☐	500.000	520.629	375271.73	0.6946	P	0.5
3	☐	2500.000	2378.434	1444515.85	2.7236	A	1.6
4	☐	6250.000	6081.801	3510218.70	6.7682	A	1.0
5	☐	12500.000	12062.292	6439841.50	13.2998	A	1.5
6	☐	25000.000	24123.003	12645649.68	26.4718	A	0.4
7	☐	50000.000	48303.236	25401308.79	52.8801	A	0.4
8	☐	250000.00	250454.31	134997872.4	273.6580	A	0.5

$$y = 0.0011 * x + 0.1260$$

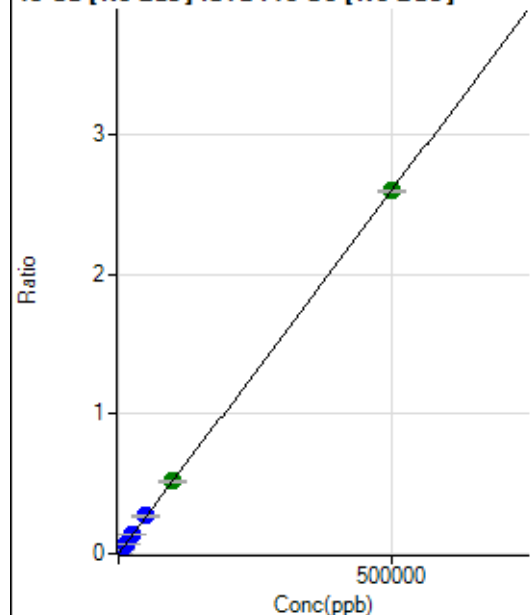
$$R = 1.0000$$

$$DL = 6.708$$

$$BEC = 115.4$$

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	382.23	0.0001	P	14.7
2	☐	500.000	527.529	13308.16	0.0028	P	0.8
3	☐	5000.000	5000.225	123243.49	0.0260	P	0.7
4	☐	12500.000	12819.084	305259.54	0.0666	P	3.3
5	☐	25000.000	25846.141	569526.66	0.1342	P	0.7
6	☐	50000.000	51658.772	1086864.67	0.2681	P	0.3
7	☐	100000.00	99436.661	2086112.45	0.5160	A	0.7
8	☐	500000.00	499896.47	10565669.35	2.5937	A	0.3

$$y = 5.1883\text{E-}006 * x + 8.0428\text{E-}005$$

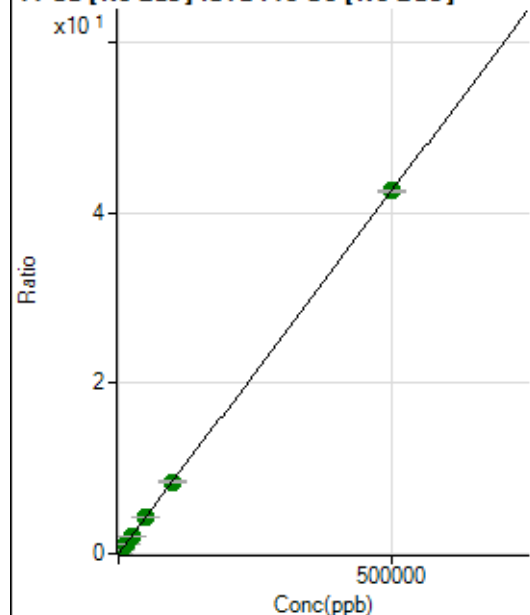
$$R = 1.0000$$

$$DL = 6.856$$

$$BEC = 15.5$$

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	12062.08	0.0025	P	1.7
2	☐	500.000	528.381	224407.21	0.0475	P	1.1
3	☐	5000.000	4755.239	1928726.21	0.4073	A	0.1
4	☐	12500.000	12176.760	4763339.41	1.0389	A	2.5
5	☐	25000.000	24645.181	8913339.17	2.1001	A	1.2
6	☐	50000.000	49455.163	17073868.50	4.2117	A	0.3
7	☐	100000.00	99252.647	34162822.27	8.4500	A	0.4
8	☐	500000.00	500232.19	173445555.1	42.5778	A	0.4

$$y = 8.5111\text{E-}005 * x + 0.0025$$

$$R = 1.0000$$

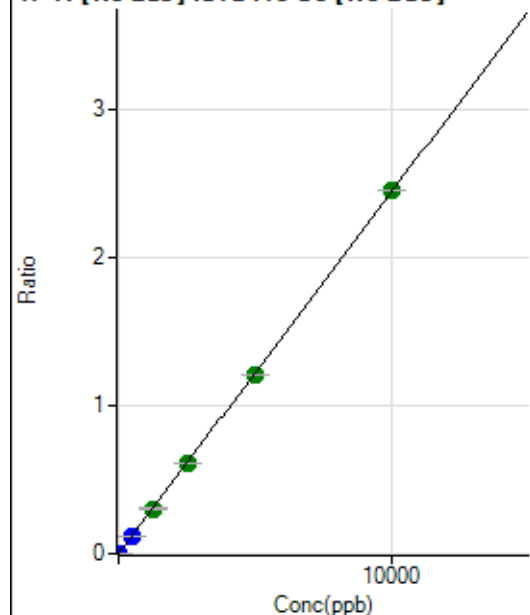
$$DL = 1.558$$

$$BEC = 29.82$$

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	93.33	0.0000	P	12.9
2	☐	5.000	5.160	6052.38	0.0013	P	2.9
3	☐	500.000	484.905	561482.12	0.1186	P	0.9
4	☐	1250.000	1237.544	1387361.61	0.3026	A	2.2
5	☐	2500.000	2487.058	2580956.19	0.6081	A	0.6
6	☐	5000.000	4944.447	4900498.64	1.2088	A	0.3
7	☐	10000.000	10033.323	9917146.52	2.4530	A	0.1
8	☐			5045.35	0.0012	P	17.5

$$y = 2.4448\text{E-}004 * x + 1.9639\text{E-}005$$

$$R = 1.0000$$

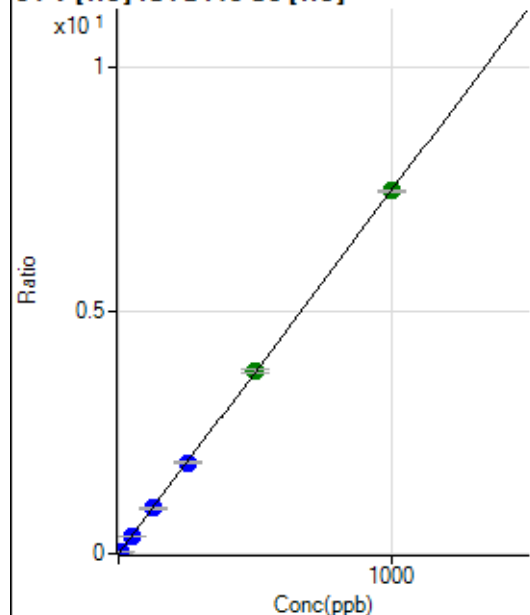
$$DL = 0.03108$$

$$BEC = 0.08033$$

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	33.7
2	☐	5.000	5.038	20361.61	0.0377	P	0.7
3	☐	50.000	49.152	194931.78	0.3676	P	1.5
4	☐	125.000	124.476	482750.62	0.9308	P	1.0
5	☐	250.000	250.742	907913.88	1.8750	P	0.6
6	☐	500.000	502.259	1794121.69	3.7558	A	1.7
7	☐	1000.000	998.793	3587659.39	7.4688	A	0.7
8	☐			1833.46	0.0037	P	7.6

$$y = 0.0075 * x + 1.8667\text{E-}005$$

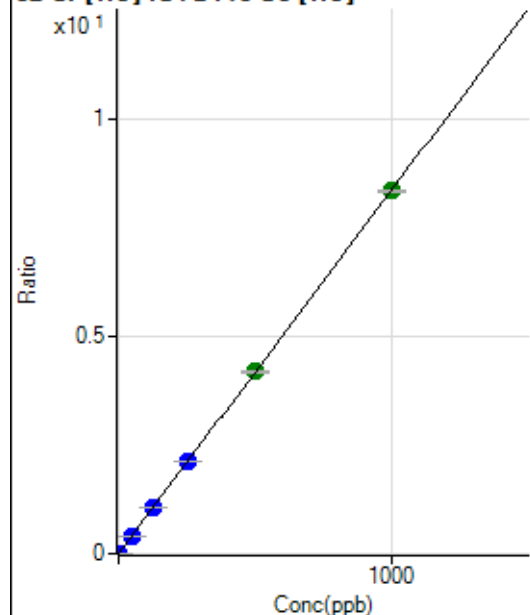
$$R = 1.0000$$

$$DL = 0.002524$$

$$BEC = 0.002496$$

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	1261.18	0.0024	P	1.7
2	☐	2.000	2.059	10567.11	0.0196	P	1.9
3	☐	50.000	49.266	219667.78	0.4142	P	0.3
4	☐	125.000	125.968	547343.54	1.0554	P	1.1
5	☐	250.000	253.780	1028399.09	2.1238	P	0.2
6	☐	500.000	501.152	2002344.94	4.1917	A	1.2
7	☐	1000.000	998.394	4010151.99	8.3483	A	0.8
8	☐			10784.84	0.0219	P	9.7

$$y = 0.0084 * x + 0.0024$$

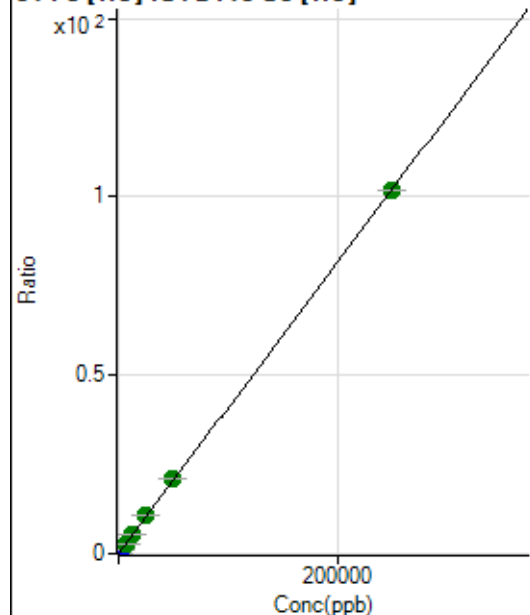
$$R = 1.0000$$

$$DL = 0.01402$$

$$BEC = 0.2813$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3294.84	0.0061	P	0.5
2	☐	50.000	56.475	15753.90	0.0292	P	2.0
3	☐	2500.000	2617.556	569041.70	1.0730	P	0.5
4	☐	6250.000	6459.570	1368460.67	2.6388	A	2.9
5	☐	12500.000	13156.958	2599546.64	5.3684	A	0.6
6	☐	25000.000	26163.847	5096801.18	10.6695	A	0.5
7	☐	50000.000	51561.570	10097364.85	21.0207	A	0.8
8	☐	250000.00	249532.03	50171920.36	101.7060	A	0.1

$$y = 4.0756E-004 * x + 0.0061$$

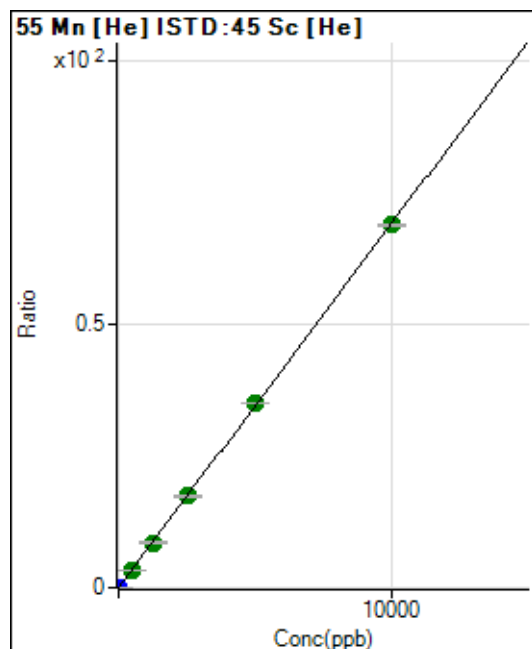
$$R = 1.0000$$

$$DL = 0.2481$$

$$BEC = 15.08$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	428.90	0.0008	P	11.9
2	☐	1.000	1.013	4219.52	0.0078	P	1.2
3	☐	500.000	483.232	1773702.61	3.3445	A	1.8
4	☐	1250.000	1237.326	4440676.22	8.5624	A	1.1
5	☐	2500.000	2520.756	8445664.67	17.4430	A	1.3
6	☐	5000.000	5068.935	16755250.31	35.0749	A	0.8
7	☐	10000.000	9962.766	33114616.73	68.9375	A	0.5
8	☐			25536.15	0.0518	P	3.0

$$y = 0.0069 * x + 7.9996E-004$$

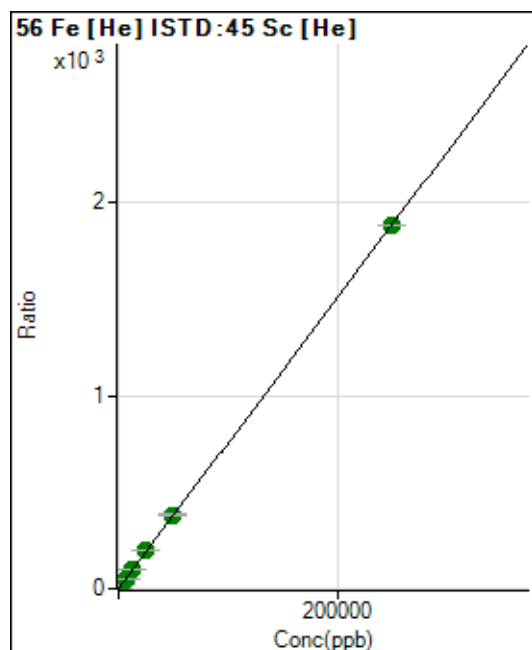
$$R = 1.0000$$

$$DL = 0.04144$$

$$BEC = 0.1156$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26447.73	0.0493	P	1.6
2	☐	50.000	54.405	248133.17	0.4593	P	0.7
3	☐	2500.000	2486.902	9965203.53	18.7899	A	0.5
4	☐	6250.000	6381.441	24965858.24	48.1381	A	1.1
5	☐	12500.000	12831.367	46841895.41	96.7430	A	1.2
6	☐	25000.000	25885.017	93204370.83	195.1117	A	0.3
7	☐	50000.000	50918.994	184342281.7	383.7609	A	0.4
8	☐	250000.00	249707.97	928293132.8	1,881.780	A	0.2

$$y = 0.0075 * x + 0.0493$$

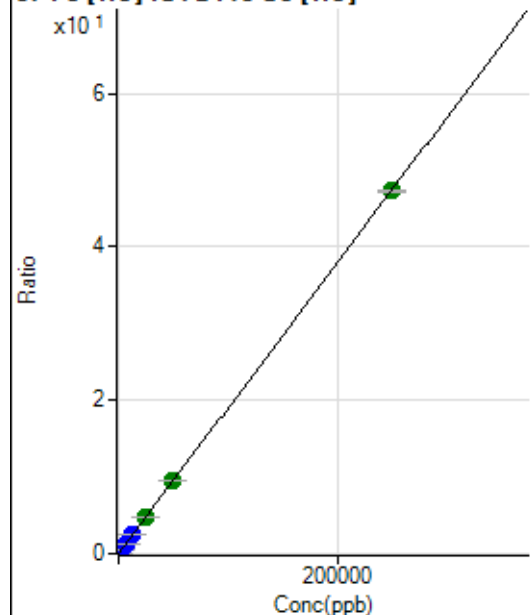
$$R = 1.0000$$

$$DL = 0.3072$$

$$BEC = 6.545$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1793.45	0.0033	P	5.5
2	☐	50.000	56.611	7597.55	0.0141	P	2.7
3	☐	2500.000	2571.189	259973.85	0.4902	P	0.5
4	☐	6250.000	6537.908	643766.41	1.2413	P	0.9
5	☐	12500.000	13212.747	1212992.02	2.5051	P	1.0
6	☐	25000.000	25563.231	2313808.56	4.8437	A	1.6
7	☐	50000.000	50572.570	4601436.91	9.5791	A	0.3
8	☐	250000.00	249785.61	23332602.43	47.2996	A	0.8

$$y = 1.8935\text{E-}004 * x + 0.0033$$

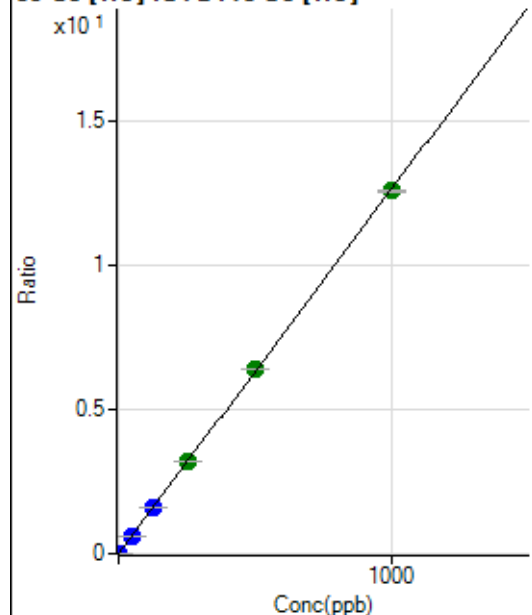
R = 1.0000

DL = 2.923

BEC = 17.66

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	144.45	0.0003	P	8.3
2	☐	1.000	1.068	7427.47	0.0137	P	2.4
3	☐	50.000	49.408	330843.47	0.6238	P	0.3
4	☐	125.000	125.313	820375.48	1.5818	P	0.5
5	☐	250.000	252.877	1545395.72	3.1917	A	1.3
6	☐	500.000	507.910	3062220.17	6.4103	A	0.2
7	☐	1000.000	995.316	6034118.80	12.5616	A	0.5
8	☐			18167.74	0.0368	P	1.4

$$y = 0.0126 * x + 2.6941\text{E-}004$$

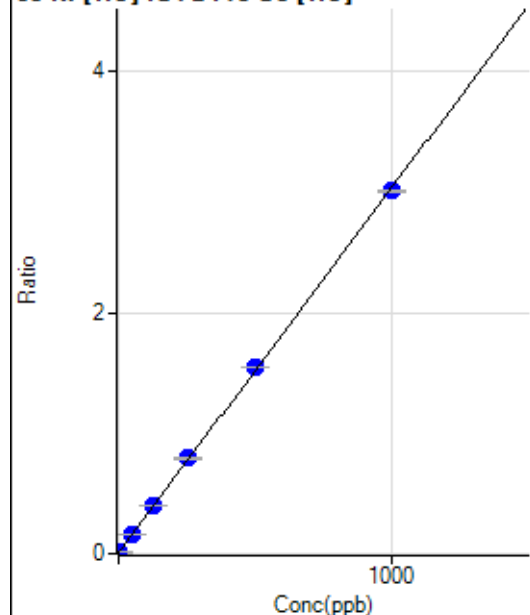
R = 0.9999

DL = 0.005309

BEC = 0.02135

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	3516.00	0.0066	P	4.8
2	☐	1.000	0.980	5145.38	0.0095	P	2.8
3	☐	50.000	51.007	85411.27	0.1610	P	0.9
4	☐	125.000	129.346	206588.38	0.3983	P	0.4
5	☐	250.000	259.643	383957.80	0.7930	P	1.0
6	☐	500.000	509.528	740358.66	1.5498	P	0.3
7	☐	1000.000	992.231	1446778.62	3.0119	P	0.2
8	☐			8861.58	0.0180	P	4.1

$$y = 0.0030 * x + 0.0066$$

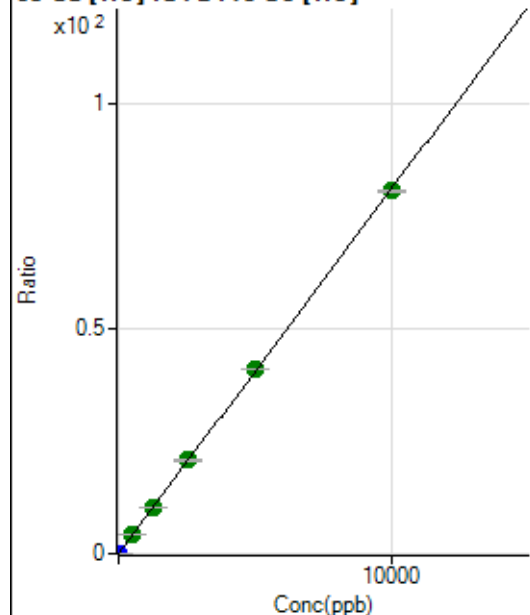
$$R = 0.9999$$

$$DL = 0.3119$$

$$BEC = 2.165$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2693.61	0.0050	P	3.8
2	☐	2.000	2.428	13337.12	0.0247	P	2.2
3	☐	500.000	507.118	2180864.01	4.1121	A	0.5
4	☐	1250.000	1283.916	5395544.78	10.4034	A	0.8
5	☐	2500.000	2565.830	10063840.82	20.7855	A	1.6
6	☐	5000.000	5069.198	19614574.01	41.0602	A	0.5
7	☐	10000.000	9944.348	38689428.31	80.5438	A	0.9
8	☐			15131.06	0.0307	P	3.6

$$y = 0.0081 * x + 0.0050$$

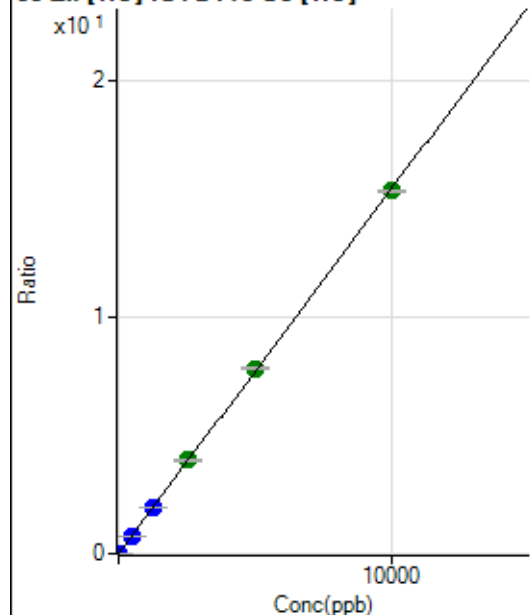
$$R = 0.9999$$

$$DL = 0.07148$$

$$BEC = 0.6203$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	600.02	0.0011	P	7.2
2	☐	2.000	5.221	4950.87	0.0092	P	1.6
3	☐	500.000	487.223	398771.12	0.7519	P	0.5
4	☐	1250.000	1247.836	997833.99	1.9240	P	0.8
5	☐	2500.000	2561.107	1911471.43	3.9476	A	1.0
6	☐	5000.000	5080.586	3740396.09	7.8300	A	0.3
7	☐	10000.000	9945.339	7362044.54	15.3264	A	0.8
8	☐			5108.70	0.0104	P	2.0

$$y = 0.0015 * x + 0.0011$$

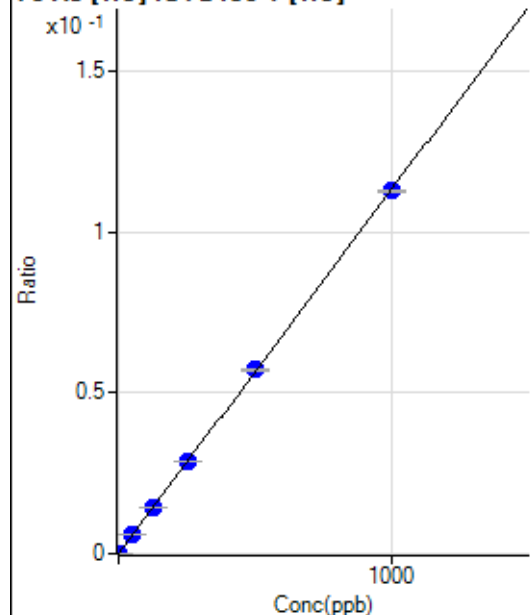
$$R = 0.9999$$

$$DL = 0.1568$$

$$BEC = 0.726$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.44	0.0000	P	53.6
2	☐	1.000	1.153	703.36	0.0001	P	4.5
3	☐	50.000	50.630	29882.30	0.0057	P	1.1
4	☐	125.000	127.982	73738.48	0.0145	P	1.3
5	☐	250.000	252.402	139396.22	0.0286	P	0.6
6	☐	500.000	505.403	275170.79	0.0573	P	0.5
7	☐	1000.000	996.294	549232.57	0.1129	P	0.4
8	☐			458.90	0.0001	P	12.7

$$y = 1.1334E-004 * x + 2.7667E-006$$

$$R = 1.0000$$

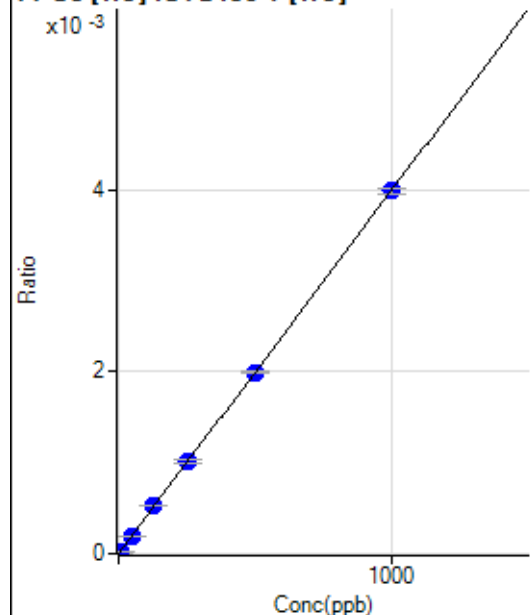
$$DL = 0.03929$$

$$BEC = 0.02441$$

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	4.753	101.11	0.0000	P	29.0
3	☐	50.000	48.801	1013.38	0.0002	P	4.4
4	☐	125.000	131.729	2670.27	0.0005	P	1.7
5	☐	250.000	252.095	4897.52	0.0010	P	4.6
6	☐	500.000	499.294	9560.95	0.0020	P	1.2
7	☐	1000.000	999.049	19369.43	0.0040	P	1.7
8	☐			5.55	0.0000	P	69.9

$$y = 3.9861\text{E-}006 * x + 2.1491\text{E-}007$$

$$R = 1.0000$$

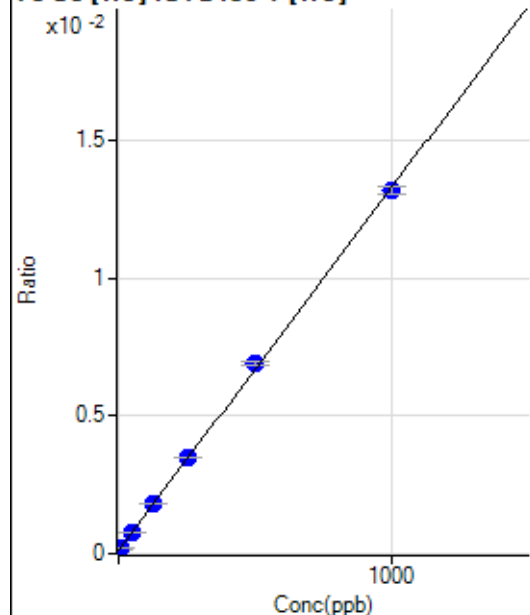
$$DL = 0.2802$$

$$BEC = 0.05392$$

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	621.13	0.0001	P	9.8
2	☐	5.000	6.156	1053.38	0.0002	P	7.9
3	☐	50.000	50.177	4052.82	0.0008	P	3.2
4	☐	125.000	128.410	9187.36	0.0018	P	1.9
5	☐	250.000	255.547	16954.26	0.0035	P	0.6
6	☐	500.000	514.028	33044.61	0.0069	P	1.8
7	☐	1000.000	991.158	63975.07	0.0132	P	2.0
8	☐			570.02	0.0001	P	14.6

$$y = 1.3151\text{E-}005 * x + 1.1892\text{E-}004$$

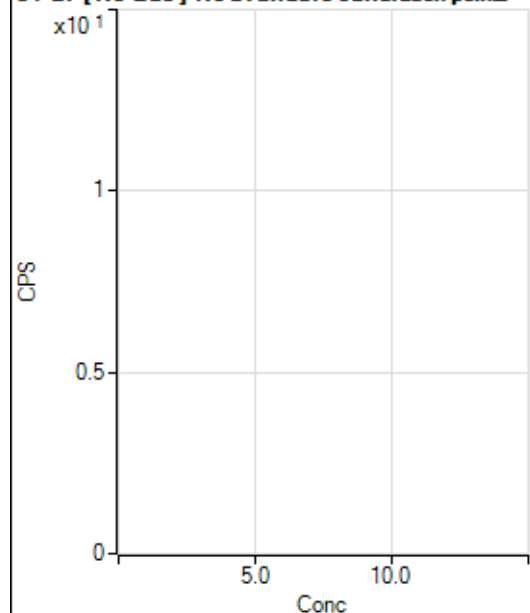
$$R = 0.9998$$

$$DL = 2.657$$

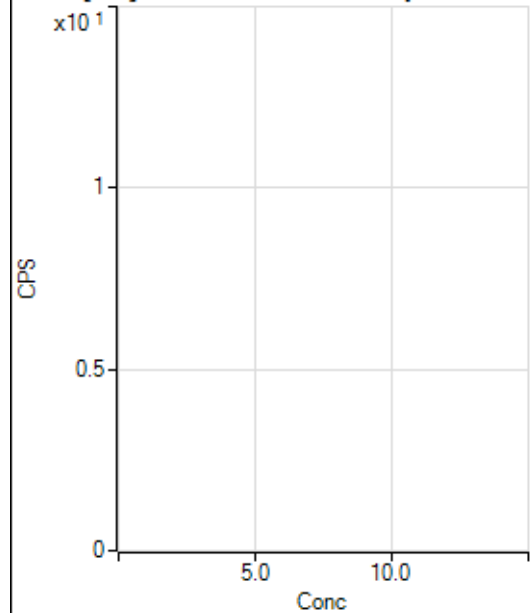
$$BEC = 9.042$$

Weight: <None>

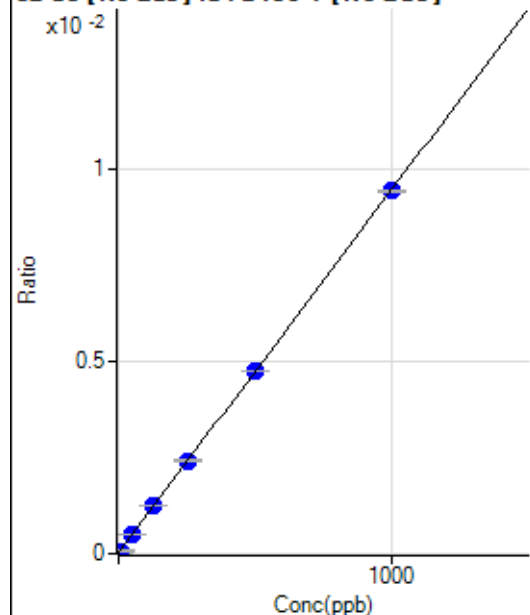
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16123.33		P	1.2
2	☐			15764.09		P	1.5
3	☐			14914.30		P	3.0
4	☐			14232.53		P	3.0
5	☐			12895.72		P	1.9
6	☐			12502.05		P	0.8
7	☐			12795.63		P	2.9
8	☐			14292.55		P	3.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			150.00		P	17.4
2	☐			111.11		P	24.2
3	☐			121.11		P	18.7
4	☐			101.11		P	6.9
5	☐			95.56		P	10.7
6	☐			104.45		P	12.9
7	☐			101.11		P	29.7
8	☐			126.67		P	5.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	387.83	0.0000	P	12.6
2	☐	5.000	5.159	1161.05	0.0001	P	7.7
3	☐	50.000	50.063	7882.15	0.0005	P	1.8
4	☐	125.000	129.119	19413.35	0.0012	P	2.2
5	☐	250.000	254.309	35955.53	0.0024	P	1.1
6	☐	500.000	502.026	69066.80	0.0048	P	0.6
7	☐	1000.000	997.391	136857.94	0.0094	P	0.9
8	☐			509.48	0.0000	P	10.2

$$y = 9.4348E-006 * x + 2.4451E-005$$

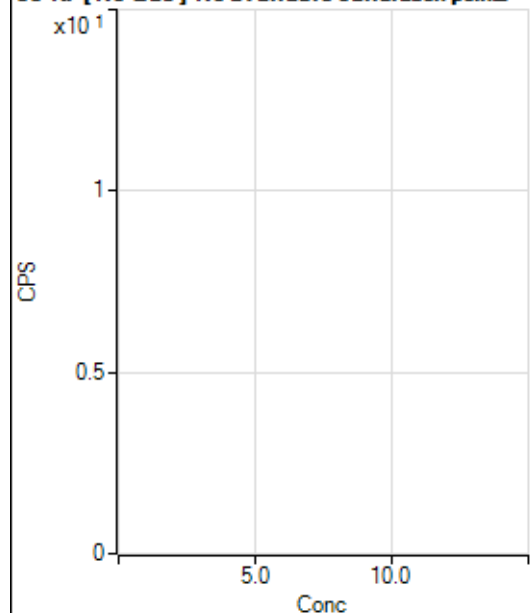
$$R = 1.0000$$

$$DL = 0.9801$$

$$BEC = 2.592$$

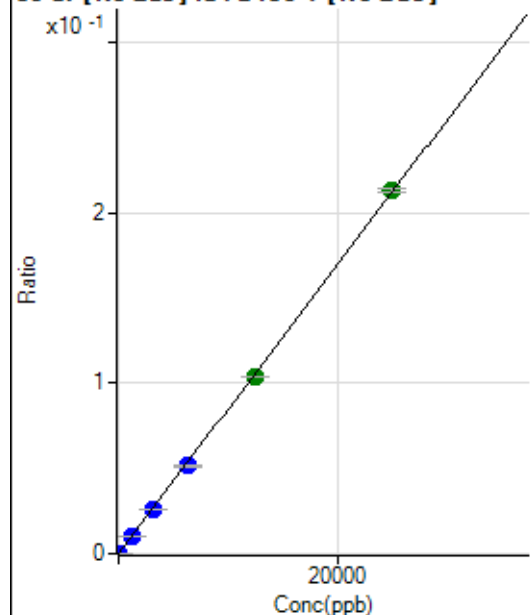
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			231.11		P	13.9
2	☐			215.56		P	16.7
3	☐			215.56		P	14.9
4	☐			188.89		P	1.0
5	☐			201.11		P	20.7
6	☐			182.23		P	14.2
7	☐			192.23		P	18.2
8	☐			255.56		P	12.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	385.56	0.0000	P	13.3
2	☐	1.000	23.765	3578.25	0.0002	P	0.5
3	☐	1250.000	1188.074	159870.32	0.0101	P	1.1
4	☐	3125.000	3043.497	402672.13	0.0258	P	1.4
5	☐	6250.000	6100.495	765931.44	0.0516	P	1.5
6	☐	12500.000	12281.526	1507658.36	0.1039	A	0.5
7	☐	25000.000	25159.896	3088031.41	0.2129	A	1.0
8	☐			10859.62	0.0008	P	0.1

$$y = 8.4602\text{E-}006 * x + 2.4315\text{E-}005$$

$$R = 0.9999$$

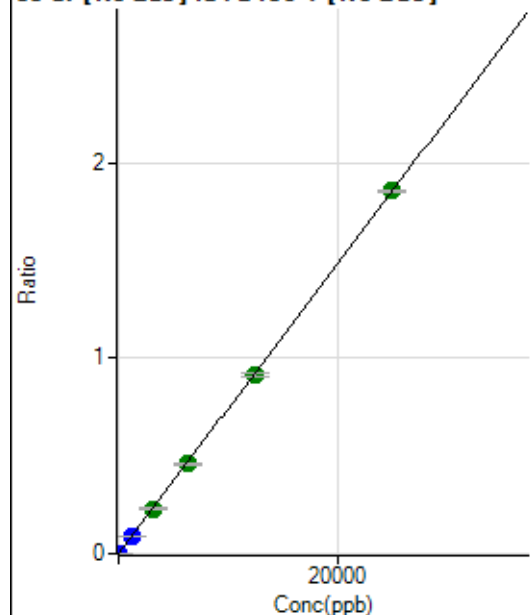
$$DL = 1.149$$

$$BEC = 2.874$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.11	0.0000	P	5.3
2	☐	1.000	23.738	28130.25	0.0018	P	0.2
3	☐	1250.000	1189.947	1398774.60	0.0882	P	1.7
4	☐	3125.000	3100.287	3588200.40	0.2297	A	1.7
5	☐	6250.000	6213.787	6828705.45	0.4603	A	1.1
6	☐	12500.000	12358.790	13280856.89	0.9155	A	1.4
7	☐	25000.000	25085.749	26956367.38	1.8583	A	0.5
8	☐			92453.63	0.0065	P	1.6

$$y = 7.4076\text{E-}005 * x + 1.3304\text{E-}005$$

$$R = 1.0000$$

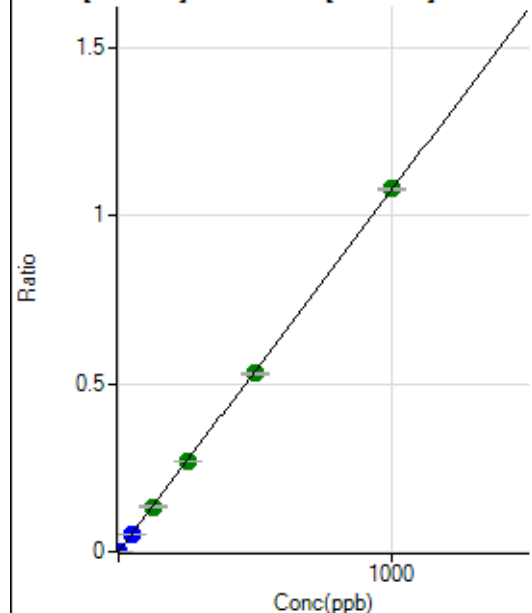
$$DL = 0.02857$$

$$BEC = 0.1796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	483.35	0.0000	P	10.7
2	☐	1.000	0.963	16930.94	0.0011	P	1.7
3	☐	50.000	47.800	816711.83	0.0515	P	1.9
4	☐	125.000	124.621	2095861.93	0.1342	A	2.0
5	☐	250.000	249.820	3988822.13	0.2689	A	1.2
6	☐	500.000	493.389	7703665.86	0.5310	A	0.8
7	☐	1000.000	1003.508	15667376.57	1.0801	A	0.7
8	☐			33586.17	0.0024	P	4.4

$$y = 0.0011 * x + 3.0405E-005$$

$$R = 1.0000$$

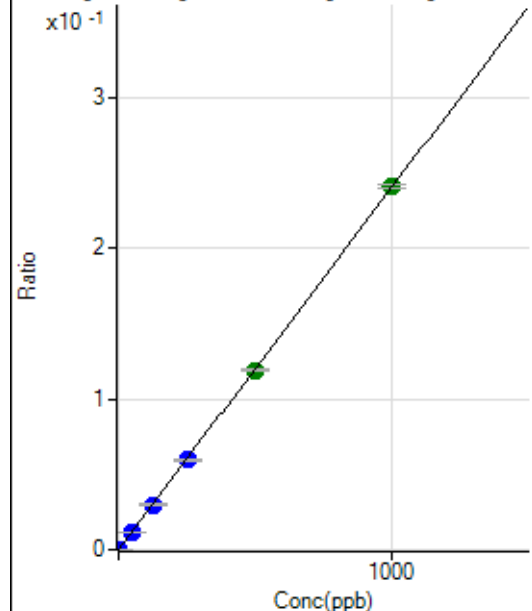
$$DL = 0.009065$$

$$BEC = 0.02825$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0000	P	26.1
2	☐	1.000	0.980	3837.21	0.0002	P	5.5
3	☐	50.000	47.861	182379.01	0.0115	P	1.5
4	☐	125.000	123.938	464863.54	0.0298	P	1.9
5	☐	250.000	247.328	880705.20	0.0594	P	1.5
6	☐	500.000	496.450	1728723.01	0.1192	A	1.4
7	☐	1000.000	1002.683	3491226.47	0.2407	A	1.0
8	☐			7418.60	0.0005	P	4.7

$$y = 2.4003E-004 * x + 6.5290E-006$$

$$R = 1.0000$$

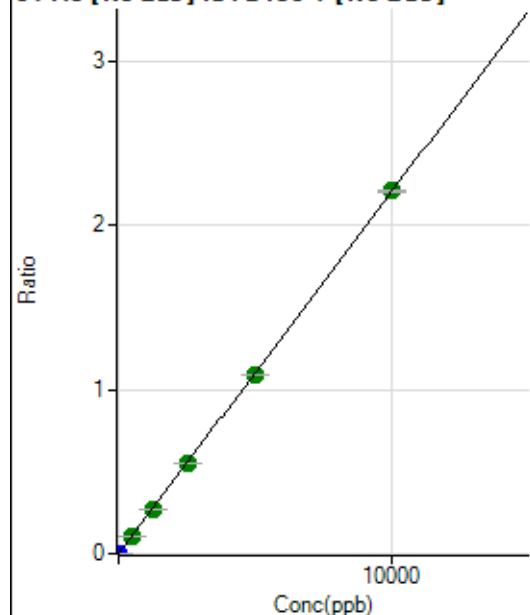
$$DL = 0.02128$$

$$BEC = 0.0272$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	232.23	0.0000	P	8.5
2	☐	5.000	5.769	20414.30	0.0013	P	0.4
3	☐	500.000	483.801	1691558.62	0.1066	A	1.6
4	☐	1250.000	1235.236	4252140.74	0.2722	A	2.1
5	☐	2500.000	2490.940	8141877.94	0.5489	A	1.3
6	☐	5000.000	4945.265	15807029.49	1.0896	A	0.8
7	☐	10000.000	10032.287	32065352.85	2.2105	A	0.6
8	☐			26950.59	0.0019	P	11.2

$$y = 2.2034\text{E-}004 * x + 1.4613\text{E-}005$$

$$R = 1.0000$$

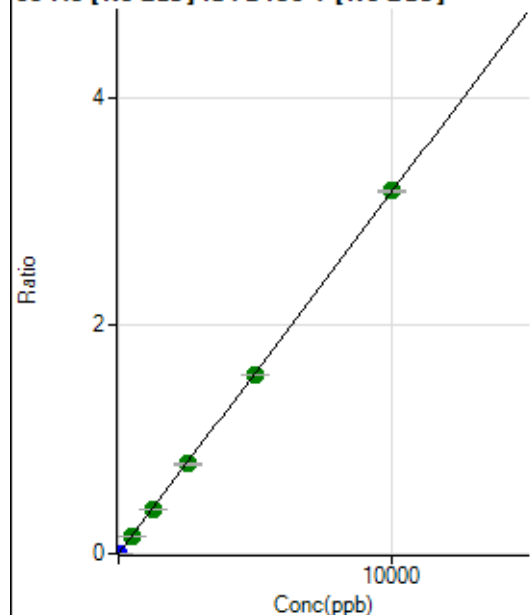
$$DL = 0.01687$$

$$BEC = 0.06632$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	135.56	0.0000	P	10.7
2	☐	5.000	4.917	24904.55	0.0016	P	1.3
3	☐	500.000	483.744	2435084.10	0.1535	A	2.3
4	☐	1250.000	1237.840	6135771.23	0.3927	A	1.6
5	☐	2500.000	2476.807	11656332.88	0.7858	A	1.4
6	☐	5000.000	4945.737	22762283.83	1.5691	A	0.9
7	☐	10000.000	10035.262	46184987.65	3.1838	A	0.2
8	☐			24238.26	0.0017	P	16.7

$$y = 3.1726\text{E-}004 * x + 8.5464\text{E-}006$$

$$R = 1.0000$$

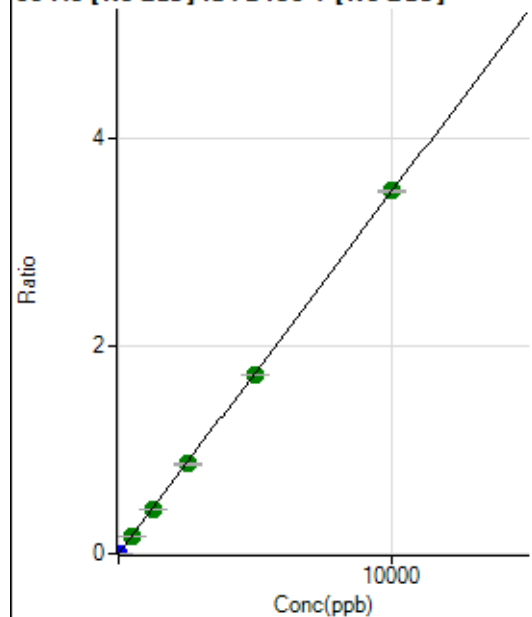
$$DL = 0.008645$$

$$BEC = 0.02694$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0000	P	15.2
2	☐	5.000	5.013	27931.14	0.0018	P	1.2
3	☐	500.000	482.085	2665916.04	0.1680	A	1.0
4	☐	1250.000	1234.193	6720095.73	0.4301	A	1.6
5	☐	2500.000	2487.162	12856711.75	0.8668	A	1.7
6	☐	5000.000	4954.103	25045417.13	1.7265	A	0.5
7	☐	10000.000	10029.030	50699254.25	3.4950	A	0.5
8	☐			37510.80	0.0026	P	12.7

$$y = 3.4849E-004 * x + 1.2161E-005$$

$$R = 1.0000$$

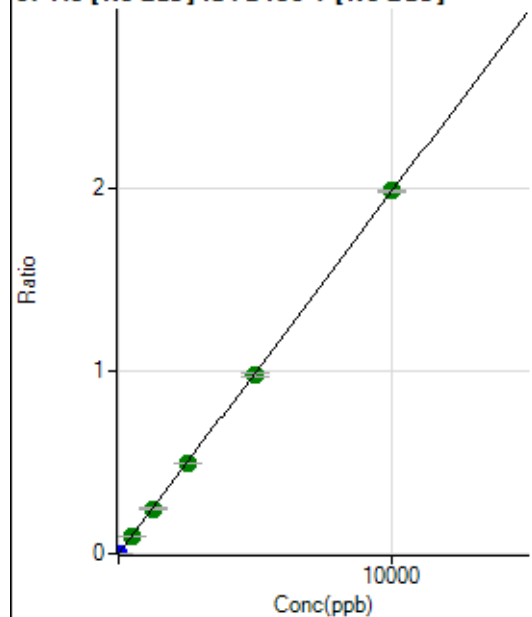
$$DL = 0.0159$$

$$BEC = 0.03489$$

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	100.00	0.0000	P	32.3
2	☐	5.000	4.999	15835.31	0.0010	P	0.2
3	☐	500.000	479.005	1506970.86	0.0950	A	1.4
4	☐	1250.000	1242.160	3847771.43	0.2463	A	1.8
5	☐	2500.000	2504.073	7364802.88	0.4965	A	1.4
6	☐	5000.000	4942.652	14215981.32	0.9800	A	1.2
7	☐	10000.000	10029.685	28846145.40	1.9886	A	0.6
8	☐			15066.94	0.0011	P	18.7

$$y = 1.9827E-004 * x + 6.2980E-006$$

$$R = 1.0000$$

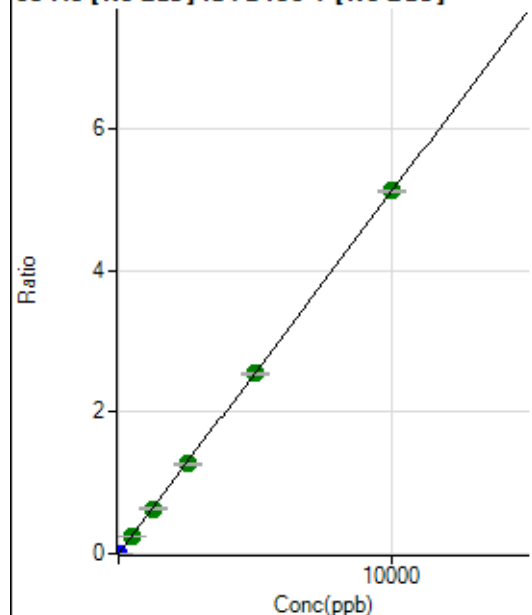
$$DL = 0.03076$$

$$BEC = 0.03177$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	218.89	0.0000	P	11.2
2	☐	5.000	4.931	40263.08	0.0025	P	1.0
3	☐	500.000	482.480	3915405.88	0.2468	A	2.0
4	☐	1250.000	1241.424	9919255.48	0.6349	A	2.2
5	☐	2500.000	2481.050	18824390.97	1.2690	A	1.0
6	☐	5000.000	4972.318	36892040.28	2.5431	A	0.8
7	☐	10000.000	10020.527	74343114.45	5.1250	A	0.9
8	☐			38209.94	0.0027	P	18.4

$$y = 5.1145\text{E-}004 * x + 1.3786\text{E-}005$$

$$R = 1.0000$$

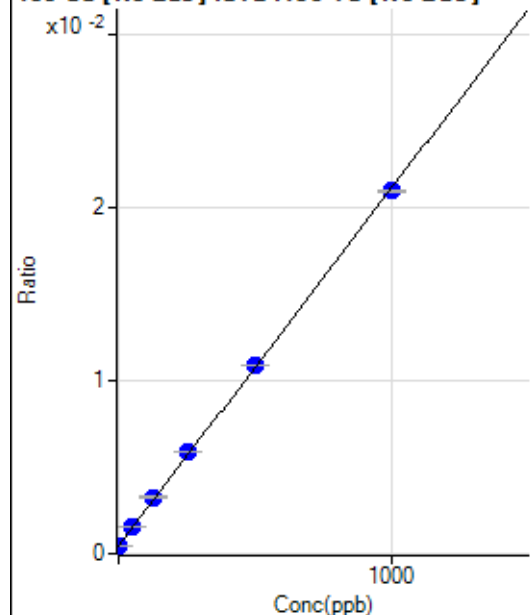
$$DL = 0.00906$$

$$BEC = 0.02695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5233.22	0.0004	P	2.2
2	☐	1.000	1.151	5506.64	0.0005	P	3.9
3	☐	50.000	55.616	18959.14	0.0016	P	1.1
4	☐	125.000	135.620	39246.18	0.0032	P	2.2
5	☐	250.000	261.985	69704.87	0.0059	P	0.8
6	☐	500.000	505.949	129517.61	0.0109	P	0.7
7	☐	1000.000	992.421	252049.76	0.0210	P	0.4
8	☐			5040.92	0.0004	P	5.6

$$y = 2.0665\text{E-}005 * x + 4.4188\text{E-}004$$

$$R = 0.9999$$

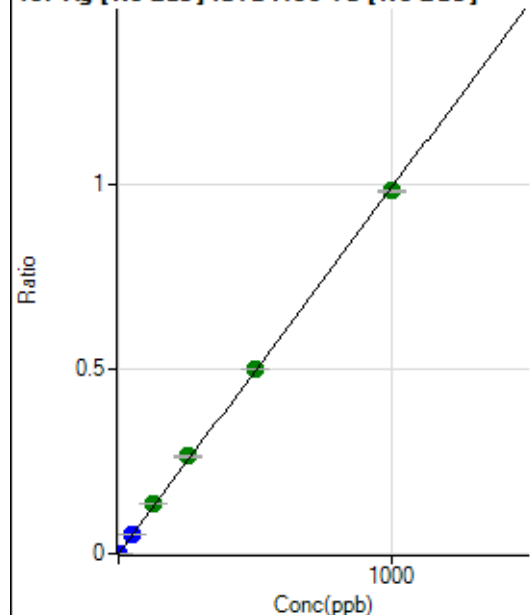
$$DL = 1.402$$

$$BEC = 21.38$$

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	85.56	0.0000	P	28.7
2	☐	1.000	1.057	12445.44	0.0011	P	1.0
3	☐	50.000	53.691	632526.07	0.0531	P	0.9
4	☐	125.000	136.804	1636264.11	0.1353	A	1.5
5	☐	250.000	265.661	3126286.45	0.2626	A	0.6
6	☐	500.000	505.646	5941184.15	0.4999	A	0.5
7	☐	1000.000	991.602	11793989.54	0.9803	A	0.5
8	☐			5773.45	0.0005	P	19.3

$$y = 9.8860\text{E-}004 * x + 7.2267\text{E-}006$$

$$R = 0.9998$$

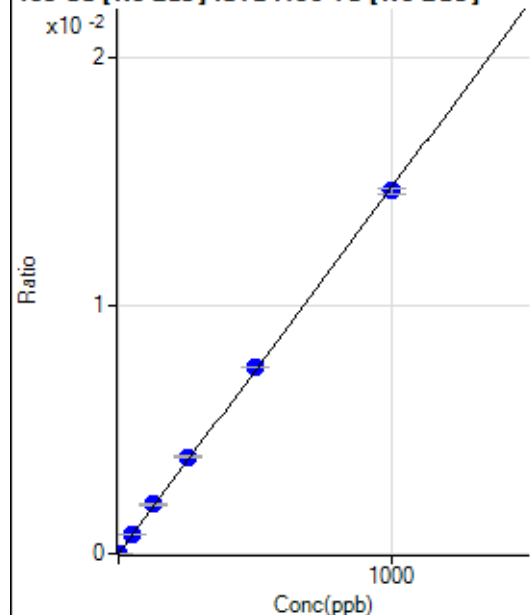
$$DL = 0.006305$$

$$BEC = 0.00731$$

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	16.66	0.0000	P	33.9
2	☐	1.000	1.091	206.67	0.0000	P	12.8
3	☐	50.000	52.730	9276.36	0.0008	P	2.4
4	☐	125.000	134.006	23906.42	0.0020	P	3.1
5	☐	250.000	263.718	46280.17	0.0039	P	1.4
6	☐	500.000	509.207	89211.88	0.0075	P	0.9
7	☐	1000.000	990.705	175681.51	0.0146	P	1.7
8	☐			152.22	0.0000	P	13.3

$$y = 1.4739\text{E-}005 * x + 1.4049\text{E-}006$$

$$R = 0.9998$$

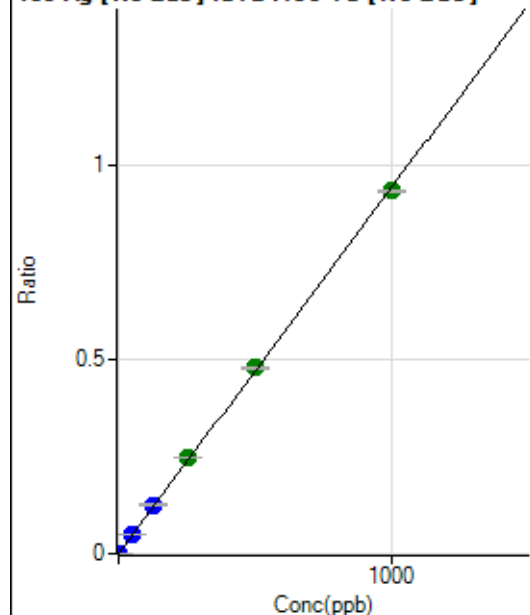
$$DL = 0.09681$$

$$BEC = 0.09532$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	16.8
2	☐	1.000	1.037	11550.23	0.0010	P	1.3
3	☐	50.000	52.837	591828.85	0.0497	P	1.3
4	☐	125.000	132.904	1511261.70	0.1249	P	2.2
5	☐	250.000	263.388	2947319.68	0.2476	A	0.7
6	☐	500.000	508.440	5680474.71	0.4779	A	0.6
7	☐	1000.000	991.303	11210744.28	0.9319	A	0.9
8	☐			5415.54	0.0005	P	19.7

$$y = 9.4002\text{E-}004 * x + 2.4370\text{E-}006$$

$$R = 0.9998$$

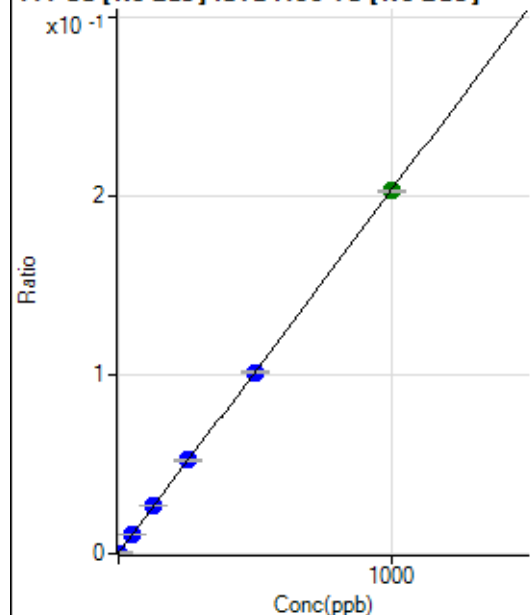
$$DL = 0.001308$$

$$BEC = 0.002593$$

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	3658.25	0.0003	P	2.2
2	☐	1.000	1.125	6350.25	0.0005	P	3.1
3	☐	50.000	52.728	131119.40	0.0110	P	0.5
4	☐	125.000	132.235	328216.87	0.0271	P	1.7
5	☐	250.000	256.724	623507.23	0.0524	P	1.7
6	☐	500.000	498.693	1205886.51	0.1015	P	1.2
7	☐	1000.000	997.932	2439020.72	0.2027	A	0.7
8	☐			4621.05	0.0004	P	10.4

$$y = 2.0284\text{E-}004 * x + 3.0889\text{E-}004$$

$$R = 1.0000$$

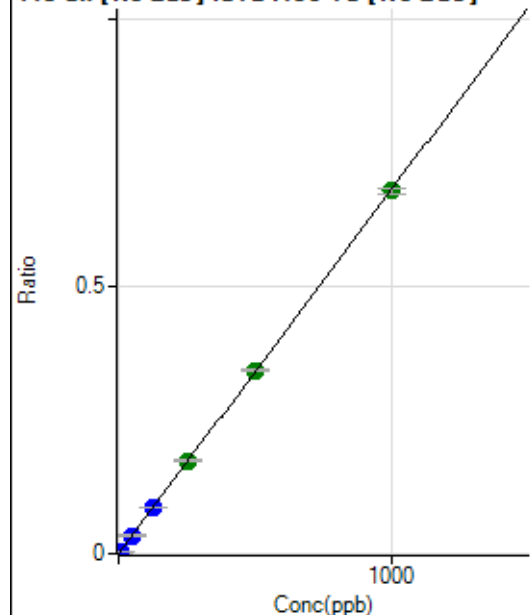
$$DL = 0.1012$$

$$BEC = 1.523$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1388.97	0.0001	P	4.4
2	☐	5.000	5.095	42476.89	0.0036	P	0.6
3	☐	50.000	49.935	407244.73	0.0342	P	1.0
4	☐	125.000	126.445	1044732.15	0.0864	P	2.2
5	☐	250.000	256.014	2080048.03	0.1747	A	0.8
6	☐	500.000	503.799	4085632.30	0.3438	A	1.3
7	☐	1000.000	996.419	8178179.11	0.6798	A	1.4
8	☐			5441.09	0.0005	P	15.4

$$y = 6.8211\text{E-}004 * x + 1.1726\text{E-}004$$

$$R = 1.0000$$

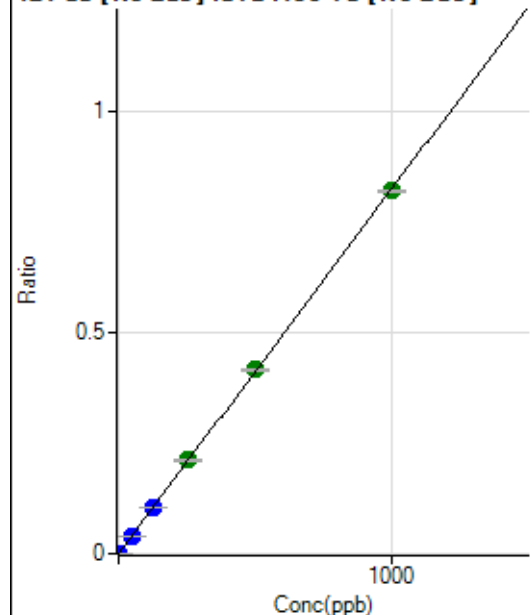
$$DL = 0.0228$$

$$BEC = 0.1719$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	19.9
2	☐	2.000	2.037	19851.53	0.0017	P	0.9
3	☐	50.000	49.577	486000.22	0.0408	P	1.1
4	☐	125.000	125.876	1252623.85	0.1036	P	2.5
5	☐	250.000	257.234	2518811.28	0.2116	A	1.5
6	☐	500.000	505.174	4939225.80	0.4156	A	1.1
7	☐	1000.000	995.516	9852949.23	0.8190	A	0.5
8	☐			7269.70	0.0006	P	15.0

$$y = 8.2266\text{E-}004 * x + 3.2844\text{E-}006$$

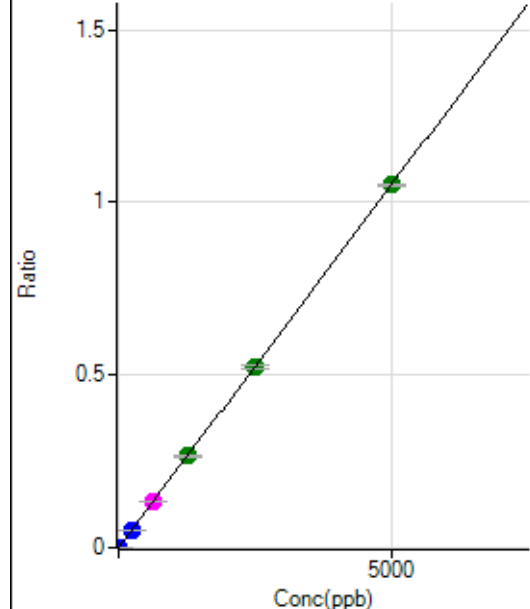
$$R = 0.9999$$

$$DL = 0.002381$$

$$BEC = 0.003992$$

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	62.22	0.0000	P	5.5
2	☐	10.000	10.100	25171.16	0.0021	P	1.3
3	☐	250.000	242.907	608603.50	0.0511	P	1.1
4	☐	625.000	634.454	1613812.46	0.1334	M	2.9
5	☐	1250.000	1265.495	3167238.98	0.2661	A	2.6
6	☐	2500.000	2494.158	6232587.89	0.5244	A	1.7
7	☐	5000.000	4998.220	12643646.48	1.0509	A	0.4
8	☐			8958.45	0.0008	P	10.6

$$y = 2.1026\text{E-}004 * x + 5.2533\text{E-}006$$

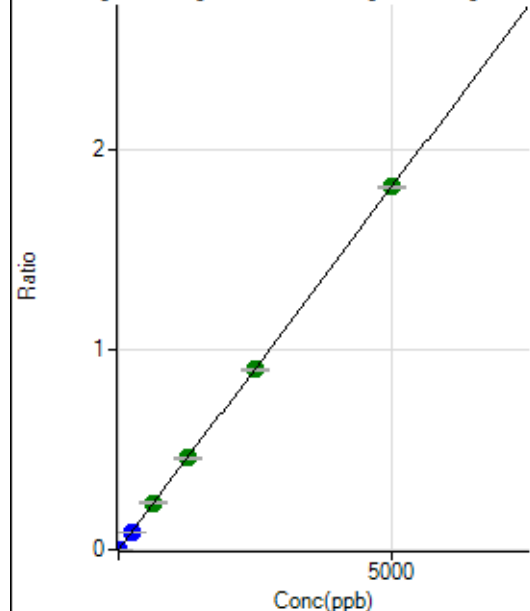
$$R = 1.0000$$

$$DL = 0.004104$$

$$BEC = 0.02498$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	16.2
2	☐	10.000	10.188	43838.39	0.0037	P	0.9
3	☐	250.000	243.161	1051752.26	0.0883	P	1.0
4	☐	625.000	642.460	2820732.32	0.2332	A	2.7
5	☐	1250.000	1263.264	5458086.72	0.4585	A	1.0
6	☐	2500.000	2480.442	10700410.68	0.9003	A	1.0
7	☐	5000.000	5004.622	21854641.62	1.8166	A	0.7
8	☐			15904.64	0.0014	P	12.1

$$y = 3.6297\text{E-}004 * x + 9.7634\text{E-}006$$

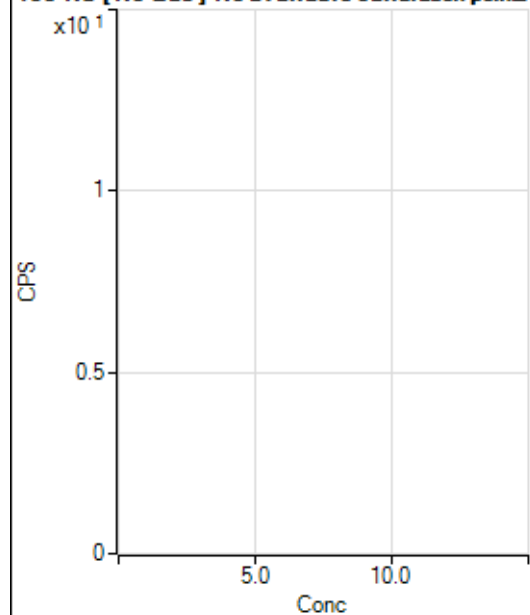
$$R = 1.0000$$

$$DL = 0.0131$$

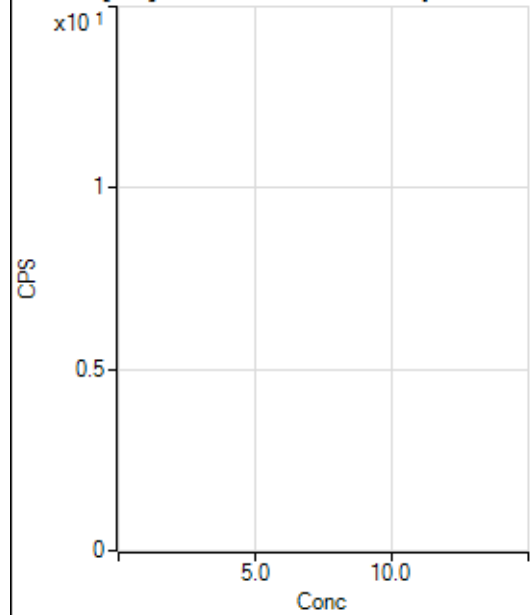
$$BEC = 0.0269$$

Weight: <None>

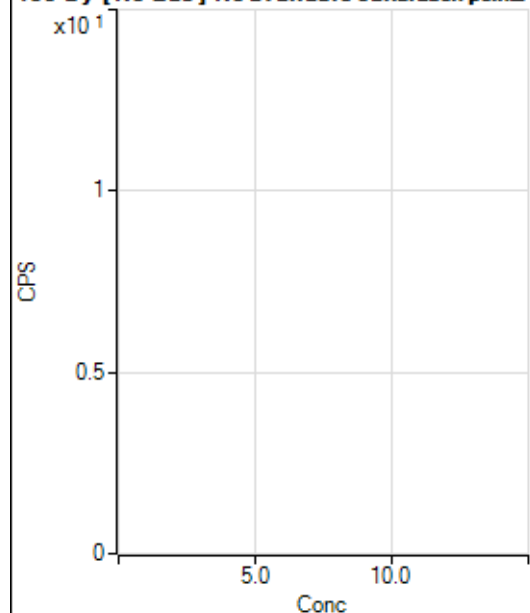
Min Conc: 0

150 Nd [No Gas] No available calibration points

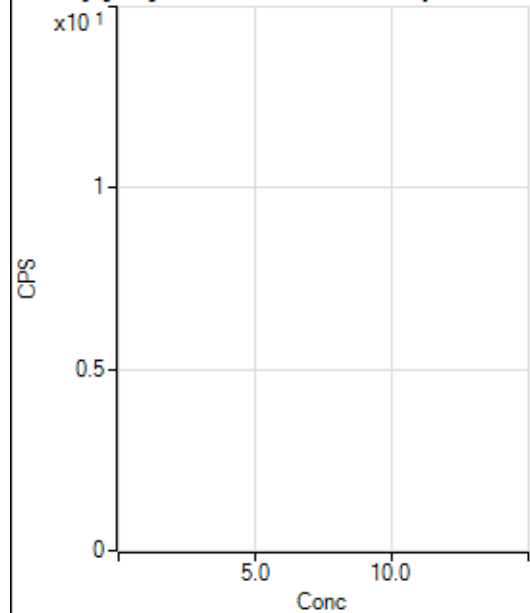
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			10.00		P	88.2
3	☐			58.89		P	14.2
4	☐			127.78		P	14.4
5	☐			217.78		P	15.1
6	☐			465.57		P	5.4
7	☐			845.59		P	4.5
8	☐			181.11		P	10.5

150 Nd [He] No available calibration points

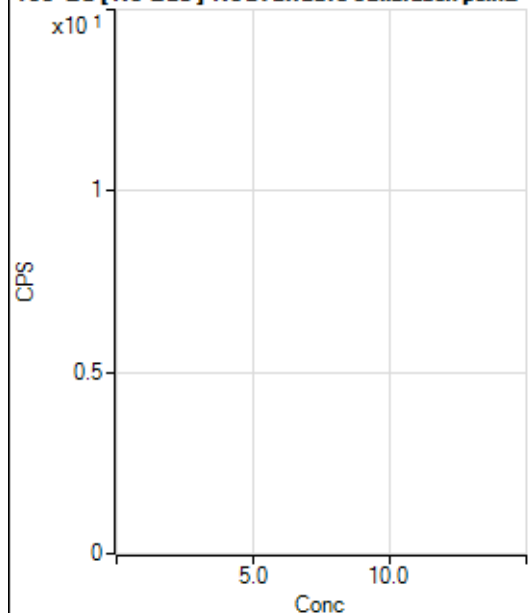
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			17.78		P	65.8
4	☐			35.56		P	39.0
5	☐			80.00		P	20.8
6	☐			156.67		P	16.6
7	☐			303.34		P	4.0
8	☐			140.00		P	10.4

156 Dy [No Gas] No available calibration points

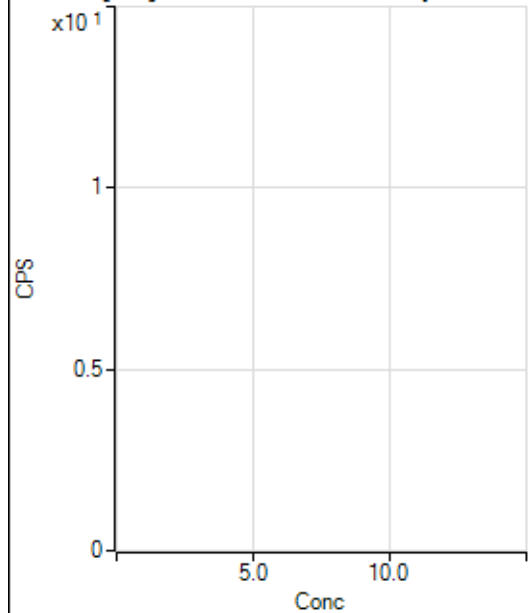
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			10.00		P	88.2
3	☐			26.67		P	37.5
4	☐			44.44		P	41.3
5	☐			82.22		P	23.8
6	☐			153.34		P	11.5
7	☐			296.67		P	3.0
8	☐			370.01		P	10.2

156 Dy [He] No available calibration points

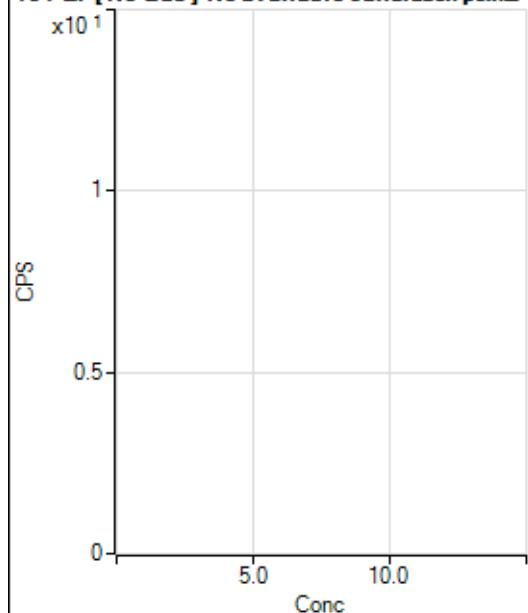
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			13.34		P	43.3
3	☐			63.33		P	22.9
4	☐			106.67		P	18.7
5	☐			203.34		P	13.4
6	☐			477.79		P	9.5
7	☐			840.03		P	4.3
8	☐			370.01		P	5.6

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

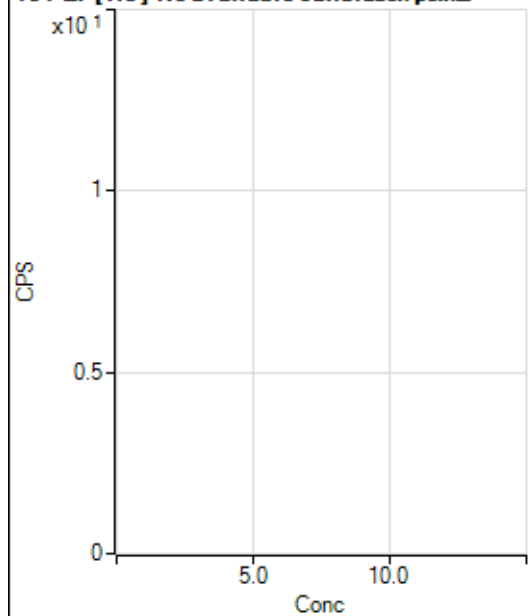
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.11		P	16.9
2	☐			44.45		P	15.6
3	☐			60.00		P	16.7
4	☐			64.44		P	25.5
5	☐			92.22		P	30.7
6	☐			121.11		P	6.9
7	☐			190.00		P	11.5
8	☐			376.68		P	13.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			471.13		P	4.8
2	☐			465.57		P	19.4
3	☐			461.13		P	4.2
4	☐			470.01		P	6.2
5	☐			493.35		P	8.9
6	☐			463.35		P	11.2
7	☐			552.24		P	8.0
8	☐			747.81		P	9.1

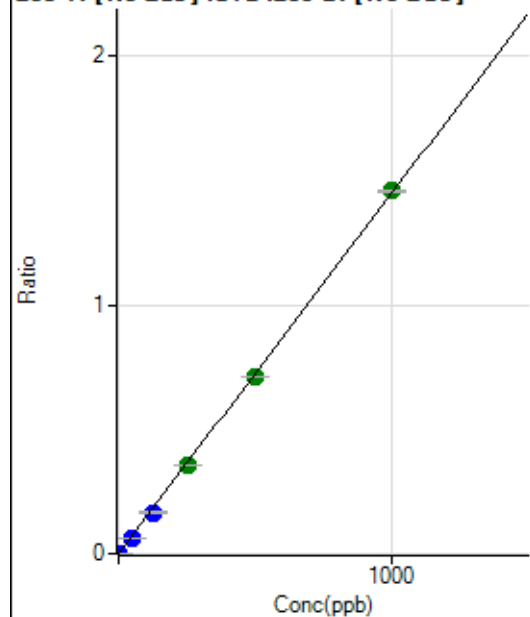
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			60.00		P	20.0
2	☐			52.22		P	13.3
3	☐			68.89		P	2.8
4	☐			87.78		P	8.8
5	☐			100.00		P	26.0
6	☐			151.11		P	18.0
7	☐			278.89		P	15.2
8	☐			418.90		P	7.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	40.5
2	☐			52.22		P	37.4
3	☐			58.89		P	22.9
4	☐			44.45		P	15.6
5	☐			77.78		P	13.1
6	☐			112.22		P	6.9
7	☐			180.00		P	1.9
8	☐			342.23		P	5.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.11	0.0000	P	15.2
2	☐	1.000	0.885	9353.28	0.0013	P	0.8
3	☐	50.000	44.061	462377.06	0.0638	P	1.5
4	☐	125.000	113.822	1230321.68	0.1648	P	2.5
5	☐	250.000	246.580	2639981.52	0.3570	A	0.6
6	☐	500.000	491.208	5253392.94	0.7111	A	0.6
7	☐	1000.000	1006.945	10648944.49	1.4578	A	0.4
8	☐			4720.89	0.0007	P	24.8

$$y = 0.0014 * x + 1.9888E-005$$

$$R = 0.9999$$

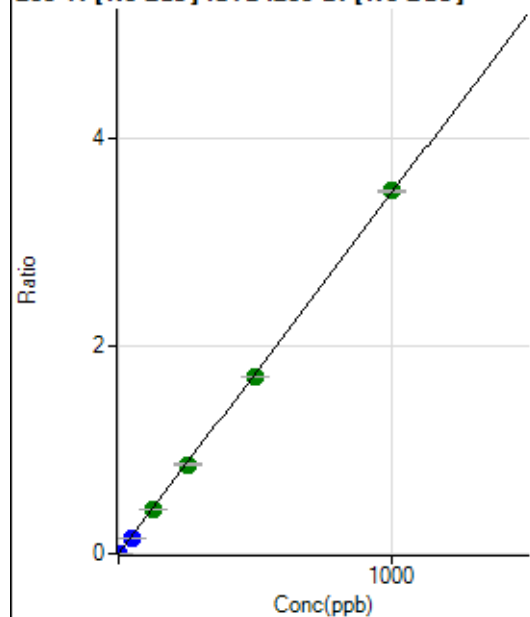
$$DL = 0.006283$$

$$BEC = 0.01374$$

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	291.12	0.0000	P	17.6
2	☐	1.000	0.866	21927.75	0.0031	P	1.2
3	☐	50.000	43.600	1098384.87	0.1516	P	1.7
4	☐	125.000	120.984	3139876.20	0.4205	A	1.5
5	☐	250.000	246.347	6331427.47	0.8562	A	1.5
6	☐	500.000	490.251	12587200.37	1.7039	A	0.5
7	☐	1000.000	1006.610	25557325.17	3.4985	A	0.5
8	☐			10955.77	0.0017	P	21.3

$$y = 0.0035 * x + 4.1070E-005$$

$$R = 0.9999$$

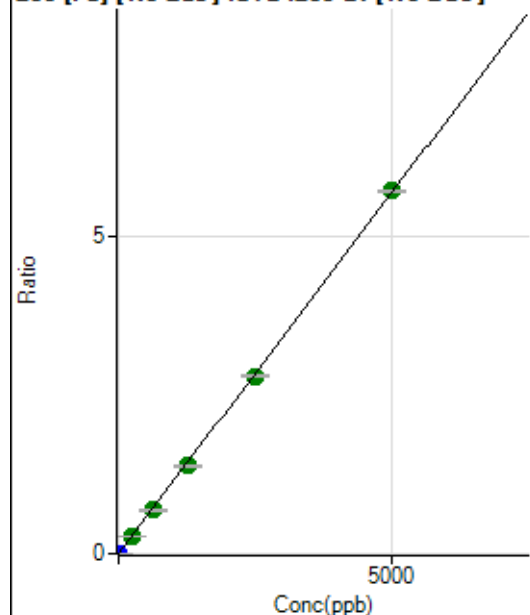
$$DL = 0.00623$$

$$BEC = 0.01182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.80	0.0001	P	6.8
2	☐	1.000	0.915	8092.48	0.0011	P	3.1
3	☐	250.000	233.821	1920912.96	0.2651	A	0.5
4	☐	625.000	604.729	5117317.53	0.6854	A	2.2
5	☐	1250.000	1219.978	10224824.15	1.3826	A	1.2
6	☐	2500.000	2460.268	20598120.25	2.7882	A	1.2
7	☐	5000.000	5030.714	41646987.99	5.7012	A	0.4
8	☐			19022.62	0.0030	P	17.8

$$y = 0.0011 * x + 8.8542E-005$$

$$R = 0.9999$$

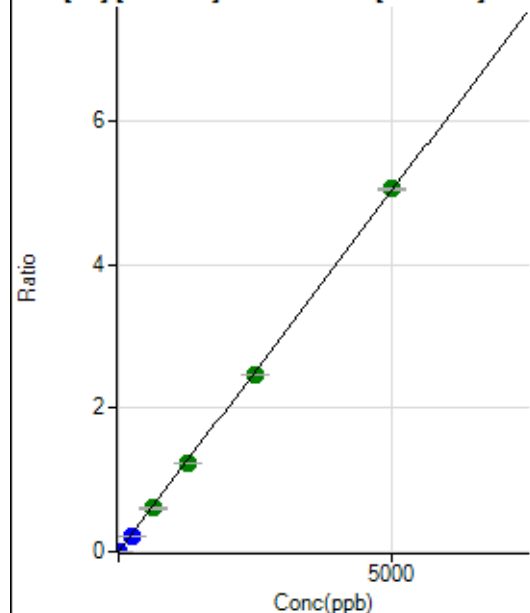
$$DL = 0.016$$

$$BEC = 0.07813$$

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	541.13	0.0001	P	2.9
2	☐	1.000	0.902	7061.89	0.0010	P	2.5
3	☐	250.000	218.651	1591505.69	0.2196	P	1.1
4	☐	625.000	605.372	4538794.86	0.6079	A	2.0
5	☐	1250.000	1225.647	9101208.13	1.2307	A	0.7
6	☐	2500.000	2461.854	18260707.09	2.4720	A	0.1
7	☐	5000.000	5029.182	36887527.23	5.0497	A	0.6
8	☐			16320.14	0.0026	P	18.8

$$y = 0.0010 * x + 7.6301E-005$$

$$R = 0.9999$$

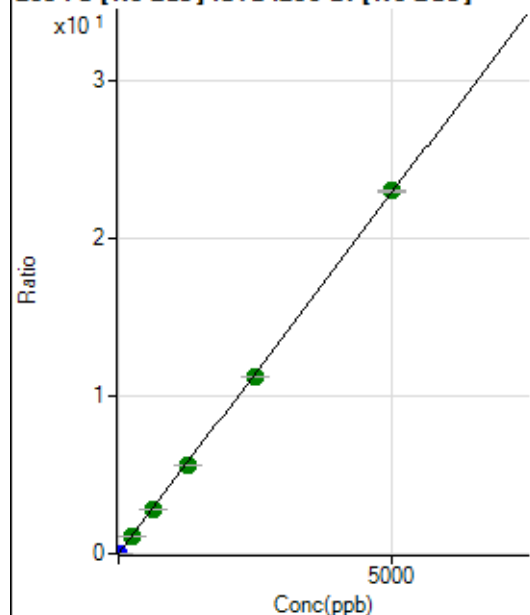
$$DL = 0.006686$$

$$BEC = 0.07599$$

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	2463.45	0.0003	P	6.0
2	☐	1.000	0.909	32382.07	0.0045	P	2.0
3	☐	250.000	231.691	7684759.63	1.0604	A	1.1
4	☐	625.000	606.645	20726523.34	2.7760	A	1.9
5	☐	1250.000	1225.297	41462815.56	5.6066	A	0.5
6	☐	2500.000	2458.293	83093572.79	11.2482	A	0.3
7	☐	5000.000	5030.239	168130233.8	23.0160	A	0.4
8	☐			75393.13	0.0119	P	18.0

$$y = 0.0046 * x + 3.4742E-004$$

$$R = 0.9999$$

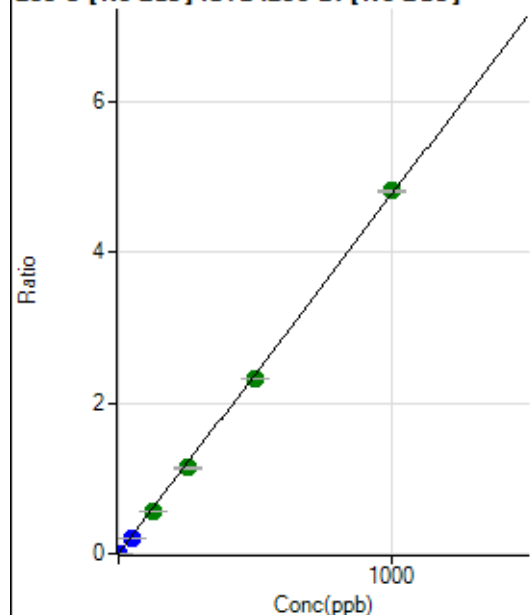
$$DL = 0.01356$$

$$BEC = 0.07593$$

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	74.44	0.0000	P	48.2
2	☐	1.000	0.840	28871.22	0.0040	P	0.1
3	☐	50.000	41.043	1417722.23	0.1956	P	1.4
4	☐	125.000	116.641	4150704.49	0.5560	A	2.6
5	☐	250.000	238.999	8424344.74	1.1392	A	1.2
6	☐	500.000	487.653	17171006.69	2.3244	A	0.4
7	☐	1000.000	1010.417	35181966.42	4.8161	A	0.4
8	☐			13651.78	0.0021	P	21.1

$$y = 0.0048 * x + 1.0512E-005$$

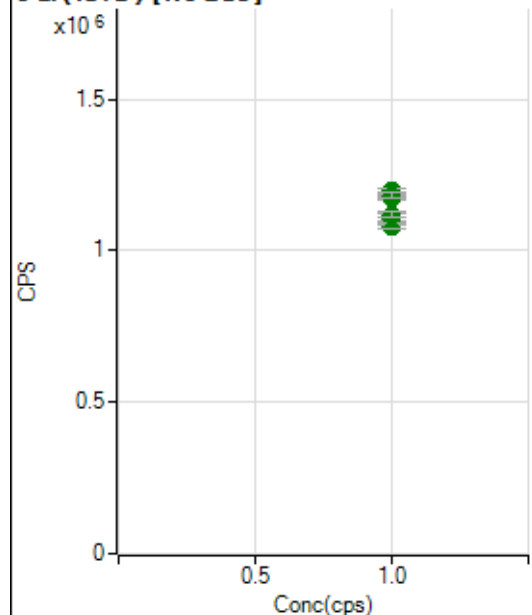
$$R = 0.9998$$

$$DL = 0.003186$$

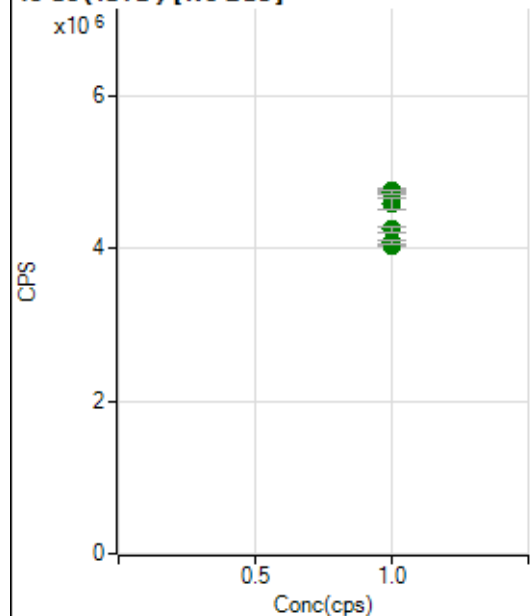
$$BEC = 0.002205$$

Weight: <None>

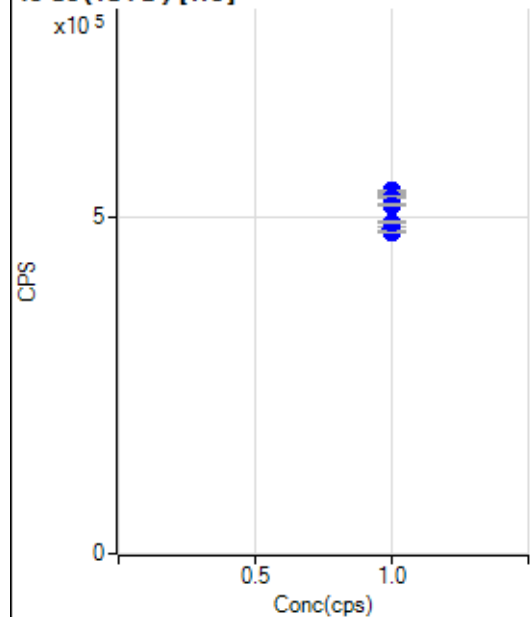
Min Conc: 0

6 Li (ISTD) [No Gas]

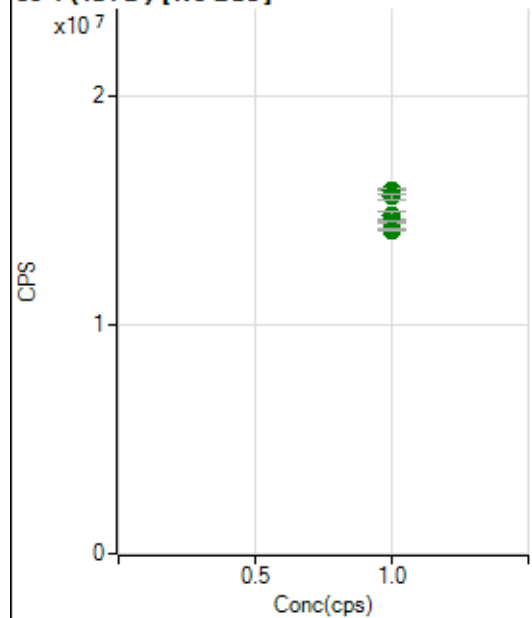
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1094306.95		A	0.5
2	☐	1.000		1081102.86		A	1.1
3	☐	1.000		1107810.16		A	2.3
4	☐	1.000		1175878.03		A	0.9
5	☐	1.000		1181028.34		A	0.6
6	☐	1.000		1197799.65		A	1.4
7	☐	1.000		1183078.16		A	1.4
8	☐	1.000		1120272.28		A	1.4

45 Sc (ISTD) [No Gas]

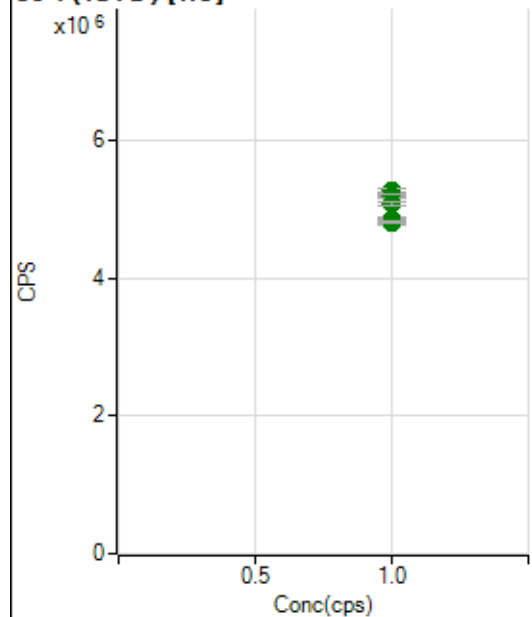
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4752899.48		A	1.0
2	☐	1.000		4723591.46		A	0.4
3	☐	1.000		4735877.08		A	1.4
4	☐	1.000		4587141.81		A	2.9
5	☐	1.000		4244976.01		A	2.1
6	☐	1.000		4053909.10		A	0.1
7	☐	1.000		4042926.85		A	0.0
8	☐	1.000		4073477.34		A	1.4

45 Sc (ISTD) [He]

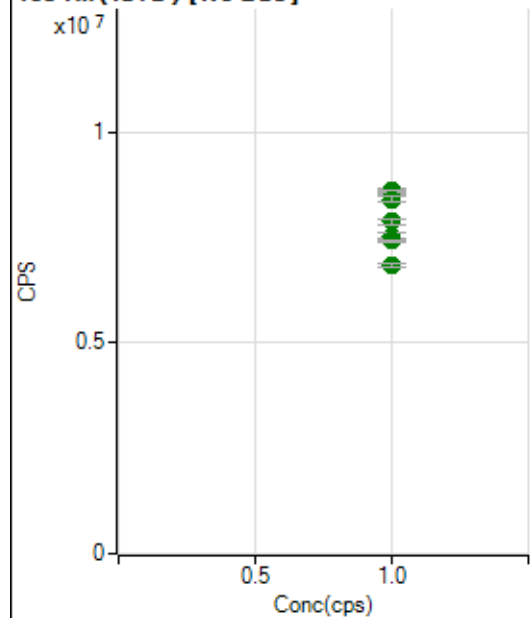
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		536225.88		P	0.4
2	☐	1.000		540251.02		P	0.5
3	☐	1.000		530352.76		P	0.4
4	☐	1.000		518649.81		P	0.6
5	☐	1.000		484234.38		P	1.2
6	☐	1.000		477699.94		P	0.2
7	☐	1.000		480359.37		P	0.3
8	☐	1.000		493303.97		P	0.5

89 Y (ISTD) [No Gas]

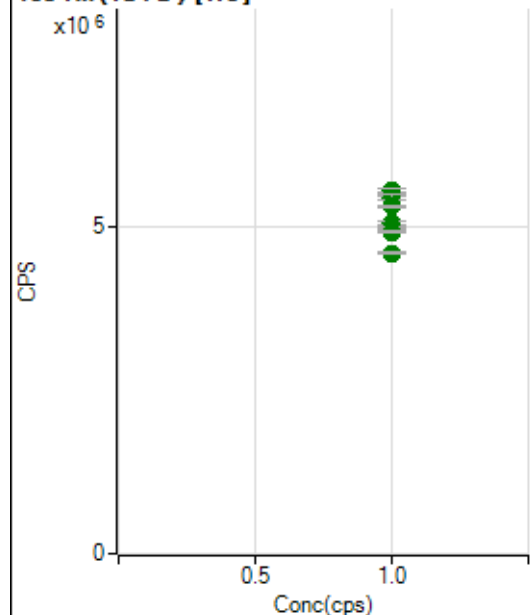
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15877093.51		A	1.9
2	☐	1.000		15877354.35		A	0.1
3	☐	1.000		15868415.46		A	1.2
4	☐	1.000		15626232.82		A	1.7
5	☐	1.000		14836629.36		A	2.2
6	☐	1.000		14506899.64		A	0.4
7	☐	1.000		14506405.20		A	0.7
8	☐	1.000		14162797.01		A	0.6

89 Y (ISTD) [He]

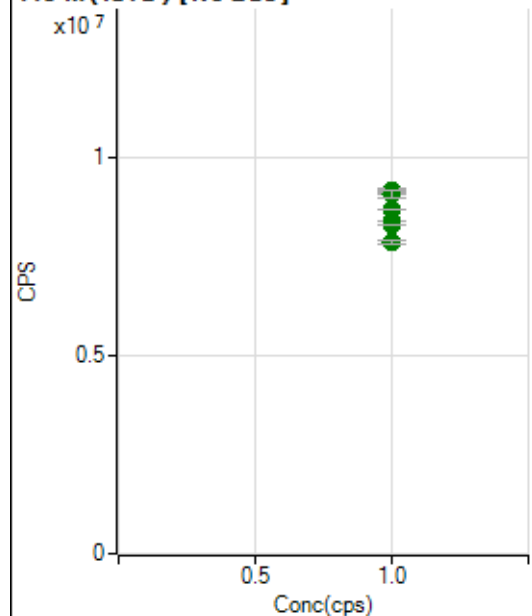
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5227078.60		A	1.4
2	☐	1.000		5270452.77		A	1.4
3	☐	1.000		5205011.21		A	1.2
4	☐	1.000		5082887.49		A	0.9
5	☐	1.000		4872314.55		A	0.3
6	☐	1.000		4803596.18		A	0.6
7	☐	1.000		4863842.95		A	0.5
8	☐	1.000		4826228.75		A	0.5

103 Rh (ISTD) [No Gas]

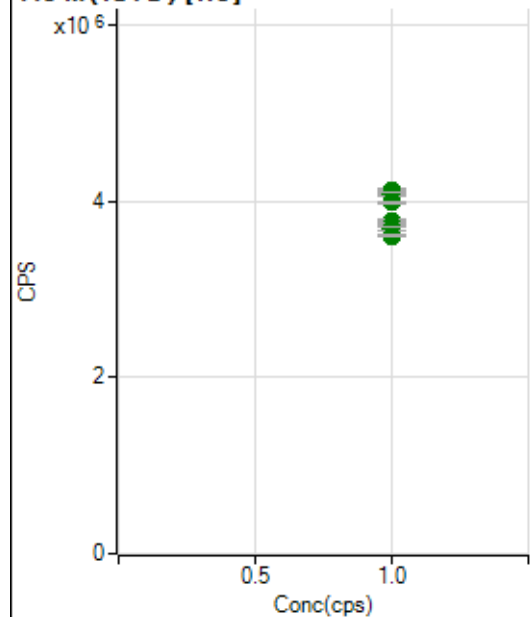
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8584727.51		A	1.4
2	☐	1.000		8609272.86		A	1.5
3	☐	1.000		8596786.75		A	0.3
4	☐	1.000		8414921.05		A	2.0
5	☐	1.000		7872037.87		A	2.1
6	☐	1.000		7551338.71		A	1.7
7	☐	1.000		7415253.85		A	0.5
8	☐	1.000		6836461.70		A	1.5

103 Rh (ISTD) [He]

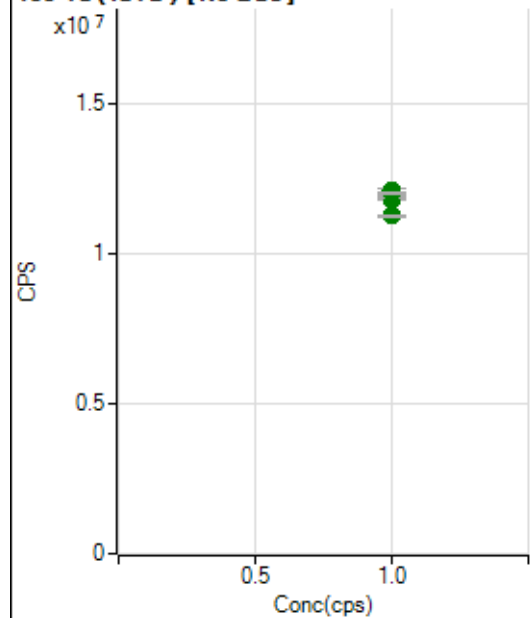
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5512469.36		A	0.8
2	☐	1.000		5557992.76		A	1.3
3	☐	1.000		5458740.68		A	1.4
4	☐	1.000		5318094.12		A	0.7
5	☐	1.000		5063118.47		A	1.2
6	☐	1.000		5003898.19		A	0.5
7	☐	1.000		4931893.61		A	0.9
8	☐	1.000		4608106.49		A	0.9

115 In (ISTD) [No Gas]

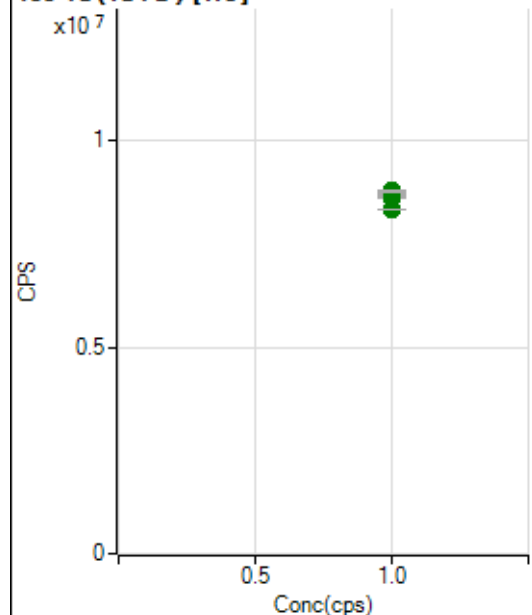
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9124502.01		A	0.3
2	☐	1.000		9163196.12		A	1.7
3	☐	1.000		9173721.51		A	0.9
4	☐	1.000		9072745.96		A	2.2
5	☐	1.000		8696720.93		A	0.4
6	☐	1.000		8416389.21		A	0.5
7	☐	1.000		8309800.82		A	0.2
8	☐	1.000		7874993.13		A	1.2

115 In (ISTD) [He]

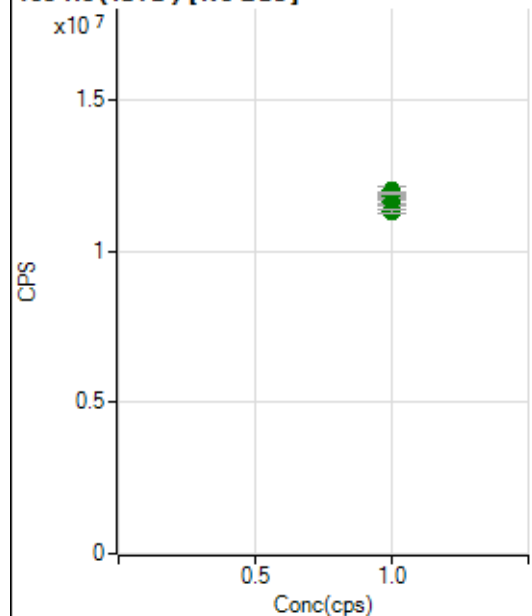
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4116030.70		A	1.3
2	☐	1.000		4120190.64		A	0.5
3	☐	1.000		4079812.07		A	1.1
4	☐	1.000		3988009.97		A	0.7
5	☐	1.000		3784073.01		A	0.6
6	☐	1.000		3743790.06		A	0.3
7	☐	1.000		3692121.15		A	0.8
8	☐	1.000		3611102.79		A	0.3

159 Tb (ISTD) [No Gas]

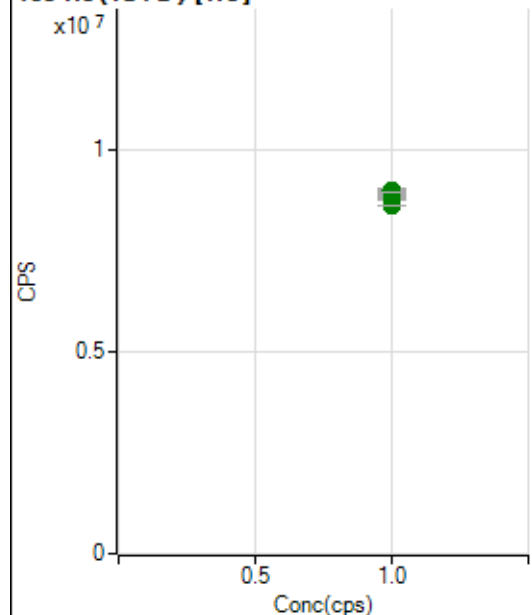
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11841771.22		A	0.9
2	☐	1.000		11823989.27		A	0.7
3	☐	1.000		11915433.30		A	0.4
4	☐	1.000		12099660.93		A	1.9
5	☐	1.000		11903703.85		A	1.0
6	☐	1.000		11885208.71		A	0.6
7	☐	1.000		12030999.68		A	0.5
8	☐	1.000		11278060.67		A	0.5

159 Tb (ISTD) [He]

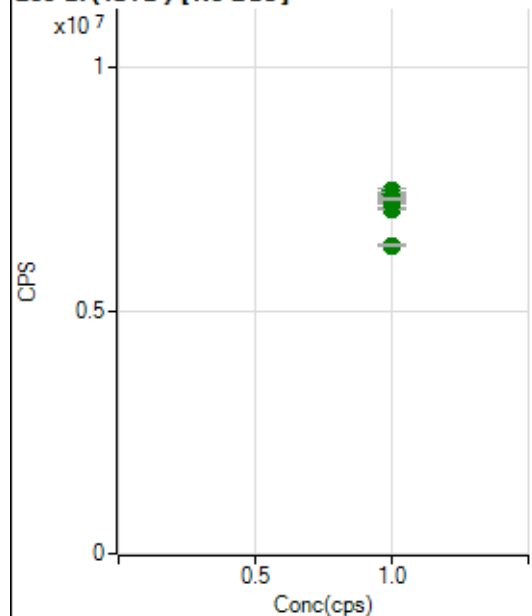
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8626397.72		A	0.5
2	☐	1.000		8652015.84		A	0.4
3	☐	1.000		8720301.53		A	0.5
4	☐	1.000		8741976.40		A	0.9
5	☐	1.000		8630591.26		A	0.5
6	☐	1.000		8716953.06		A	0.6
7	☐	1.000		8782472.23		A	0.8
8	☐	1.000		8330541.12		A	0.4

165 Ho (ISTD) [No Gas]

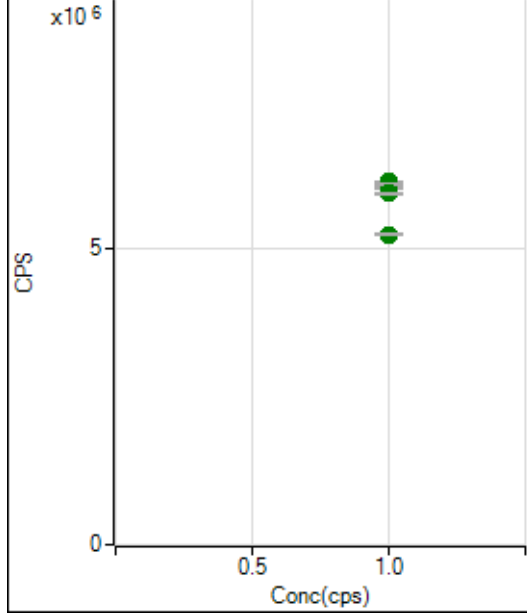
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11622799.82		A	1.2
2	☐	1.000		11617170.10		A	1.7
3	☐	1.000		11831901.77		A	0.3
4	☐	1.000		11985772.18		A	2.0
5	☐	1.000		11772920.79		A	0.2
6	☐	1.000		11799863.30		A	0.9
7	☐	1.000		11919096.21		A	0.2
8	☐	1.000		11300927.61		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8781980.91		A	0.4
2	☐	1.000		8867128.83		A	0.4
3	☐	1.000		8919450.56		A	1.4
4	☐	1.000		8961922.71		A	0.9
5	☐	1.000		8860476.05		A	0.6
6	☐	1.000		8965214.52		A	1.2
7	☐	1.000		8932317.99		A	0.3
8	☐	1.000		8585733.62		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7092126.01		A	0.6
2	☐	1.000		7188312.05		A	0.1
3	☐	1.000		7246932.53		A	0.5
4	☐	1.000		7467442.74		A	1.5
5	☐	1.000		7395335.93		A	1.0
6	☐	1.000		7387149.96		A	1.2
7	☐	1.000		7305018.78		A	0.6
8	☐	1.000		6348631.16		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5994938.18		A	0.0
2	☐	1.000		6020745.05		A	0.7
3	☐	1.000		6066476.02		A	0.1
4	☐	1.000		6112976.86		A	0.2
5	☐	1.000		6123001.37		A	0.3
6	☐	1.000		6082896.64		A	0.5
7	☐	1.000		5927646.02		A	0.4
8	☐	1.000		5237048.36		A	0.2