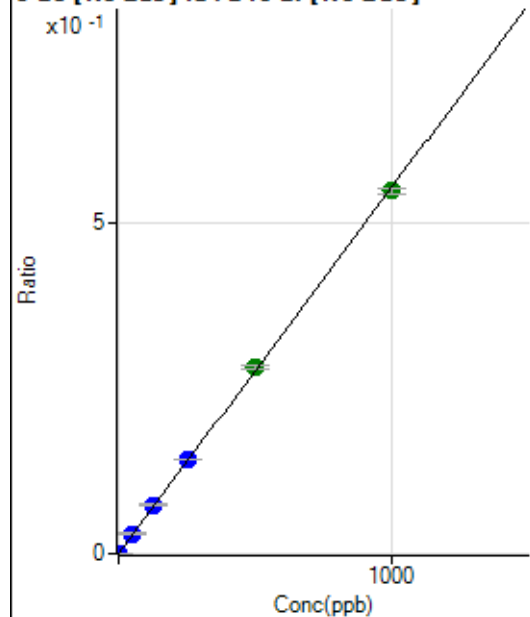


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7082223 MS.b\
Analysis File: P7082223 MS.batch.bin
DA Date-Time: 2023-08-22 17:31:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-08-22 12:41:38
2	006CALS.d	S02	2023-08-22 12:48:08
3	007CALS.d	S03	2023-08-22 12:51:23
4	008CALS.d	S04	2023-08-22 12:54:23
5	009CALS.d	S05	2023-08-22 12:57:12
6	010CALS.d	S06	2023-08-22 12:59:59
7	011CALS.d	S07	2023-08-22 13:02:44
8	012CALS.d	S08	2023-08-22 13:05:32

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0000	P	7.9
2	☐	1.000	1.115	3164.80	0.0007	P	4.5
3	☐	50.000	54.607	145999.12	0.0302	P	1.9
4	☐	125.000	133.640	351275.28	0.0739	P	1.8
5	☐	250.000	256.990	679297.73	0.1421	P	1.4
6	☐	500.000	511.096	1331293.68	0.2826	A	1.6
7	☐	1000.000	991.394	2580383.81	0.5482	A	1.3
8	☐			654.47	0.0002	P	17.4

$$y = 5.5290\text{E-}004 * x + 3.7992\text{E-}005$$

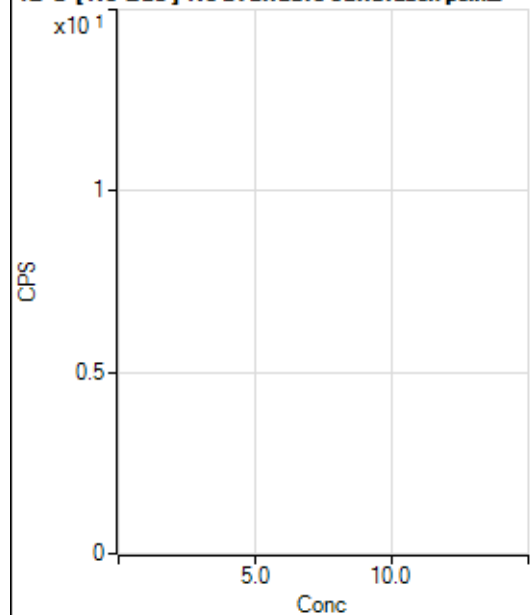
$$R = 0.9999$$

$$DL = 0.0162$$

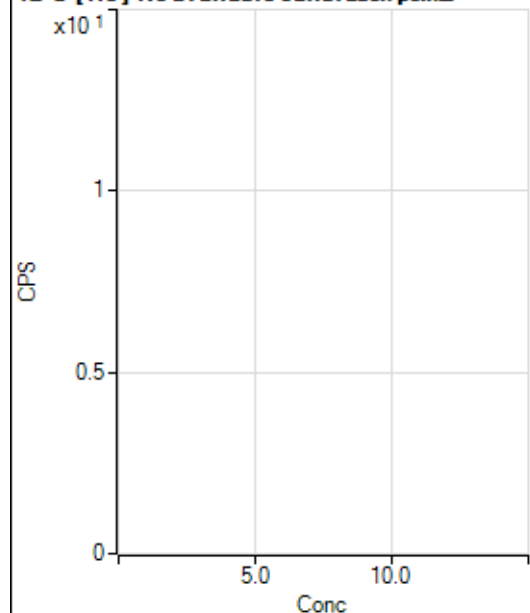
$$BEC = 0.06871$$

Weight: <None>

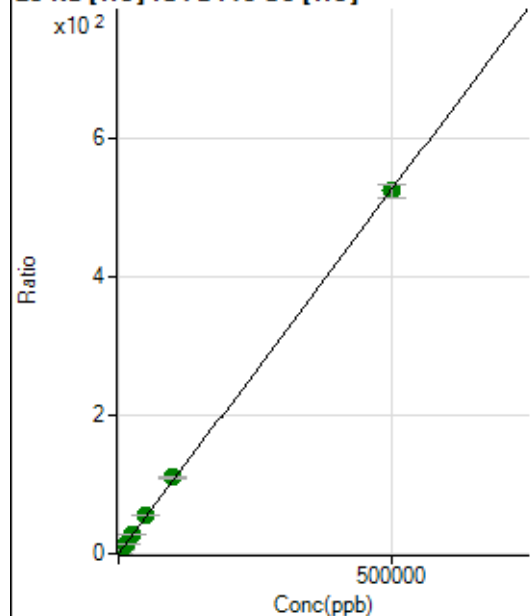
Min Conc: 0

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	37247.29	0.0416	P	0.6
2	☐	500.000	502.367	509349.38	0.5701	P	0.7
3	☐	5000.000	5406.520	4983006.73	5.7297	A	1.3
4	☐	12500.000	13393.436	12184155.37	14.1327	A	0.4
5	☐	25000.000	26715.198	23971469.64	28.1484	A	0.9
6	☐	50000.000	53280.176	46922837.63	56.0971	A	0.3
7	☐	100000.00	104463.33	93031888.61	109.9463	A	0.5
8	☐	500000.00	498667.15	443852264.50	524.6836	A	3.6

$$y = 0.0011 * x + 0.0416$$

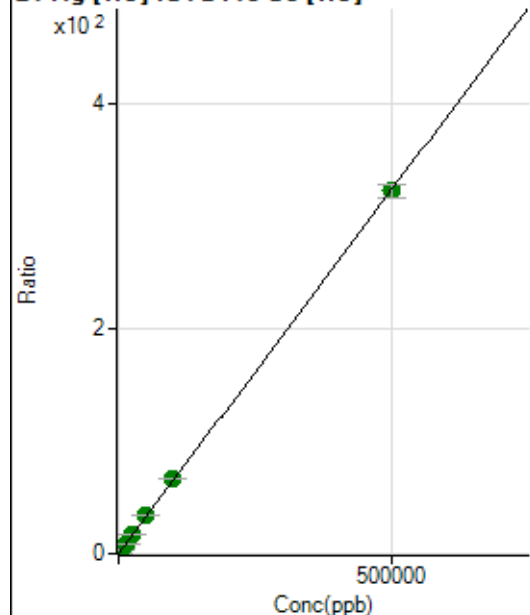
$$R = 0.9999$$

$$DL = 0.766$$

$$BEC = 39.54$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	876.70	0.0010	P	3.7
2	☐	500.000	504.286	292040.47	0.3269	P	0.6
3	☐	5000.000	5502.649	3093602.11	3.5573	A	1.1
4	☐	12500.000	13497.421	7521375.09	8.7242	A	0.2
5	☐	25000.000	26958.937	14838545.89	17.4241	A	0.6
6	☐	50000.000	53326.381	28828183.74	34.4650	A	0.4
7	☐	100000.00	103888.86	56812661.93	67.1428	A	0.4
8	☐	500000.00	498761.67	272677927.05	322.3433	A	3.7

$$y = 6.4629\text{E-}004 * x + 9.7917\text{E-}004$$

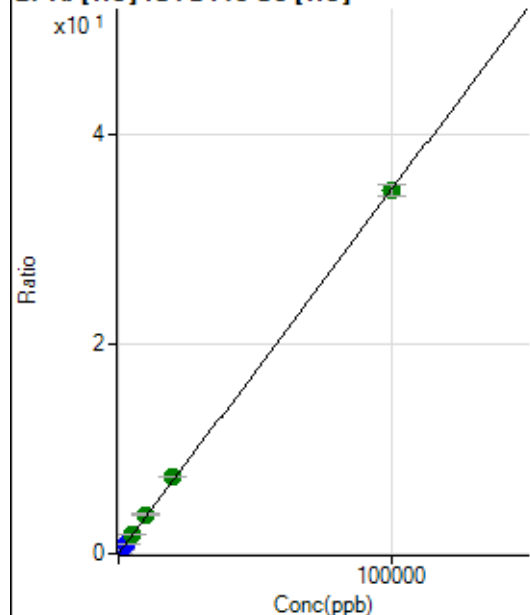
$$R = 1.0000$$

$$DL = 0.1692$$

$$BEC = 1.515$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.56	0.0003	P	12.6
2	☐	20.000	21.319	6933.85	0.0078	P	2.4
3	☐	1000.000	1126.673	341297.70	0.3924	P	0.1
4	☐	2500.000	2763.059	829327.34	0.9619	P	0.4
5	☐	5000.000	5522.507	1637037.91	1.9223	A	0.9
6	☐	10000.000	10816.892	3149103.42	3.7649	A	1.2
7	☐	20000.000	20993.555	6182381.23	7.3065	A	0.6
8	☐	100000.00	99685.631	29350361.79	34.6931	A	3.3

$$y = 3.4802\text{E-}004 * x + 3.4125\text{E-}004$$

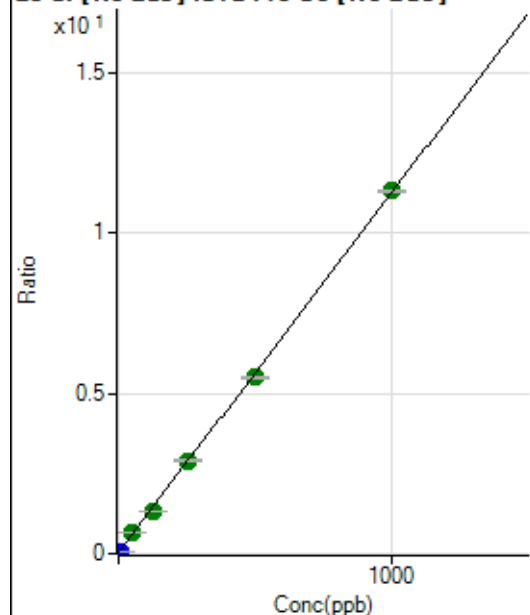
$$R = 0.9999$$

$$DL = 0.3697$$

$$BEC = 0.9805$$

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	428211.02	0.0393	P	1.2
2	☐	10.000	0.476	489281.13	0.0446	P	1.6
3	☐	50.000	55.933	7115923.85	0.6656	A	2.5
4	☐	125.000	115.002	14134990.62	1.3270	A	1.4
5	☐	250.000	255.876	30220172.05	2.9043	A	1.3
6	☐	500.000	488.039	56607849.16	5.5037	A	1.1
7	☐	1000.000	1005.560	118400650.46	11.2983	A	0.6
8	☐			1263514.29	0.1251	A	5.7

$$y = 0.0112 * x + 0.0393$$

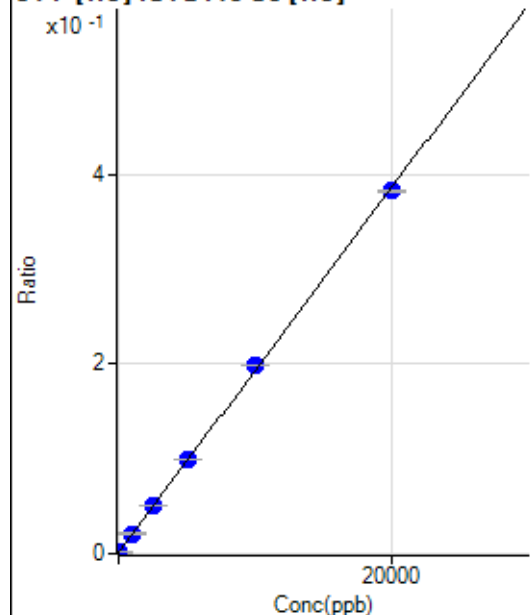
$$R = 0.9998$$

$$DL = 0.1252$$

$$BEC = 3.511$$

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	-10.566	660.02	0.0007	P	4.5
2	☐	0.000	10.566	1022.27	0.0011	P	6.1
3	☐	1000.000	1051.355	18430.10	0.0212	P	2.5
4	☐	2500.000	2589.040	43809.17	0.0508	P	1.1
5	☐	5000.000	5119.601	84789.65	0.0996	P	1.0
6	☐	10000.000	10255.587	166038.61	0.1985	P	0.2
7	☐	20000.000	19828.608	324006.27	0.3829	P	0.6
8	☐			751.14	0.0009	P	10.6

$$y = 1.9264E-005 * x + 9.4070E-004$$

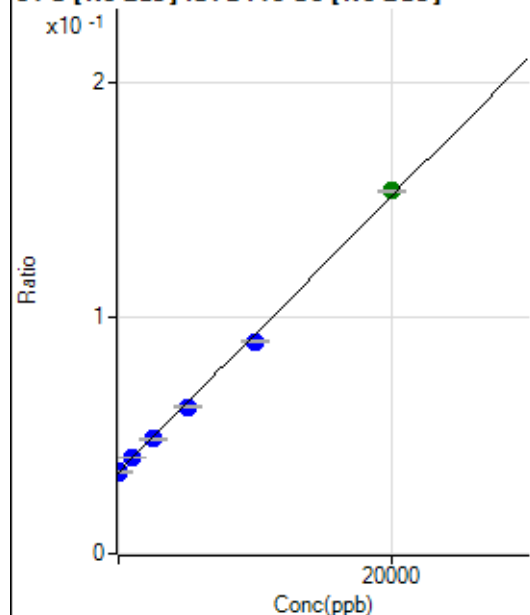
$$R = 0.9999$$

$$DL = 8.042$$

$$BEC = 48.83$$

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	30.909	378864.02	0.0348	P	1.0
2	☐	0.000	-30.909	377218.05	0.0344	P	2.2
3	☐	1000.000	1026.903	434294.63	0.0406	P	0.9
4	☐	2500.000	2401.816	518441.09	0.0487	P	1.4
5	☐	5000.000	4727.679	648128.98	0.0623	P	2.1
6	☐	10000.000	9434.846	924317.91	0.0899	P	0.8
7	☐	20000.000	20361.585	1612558.95	0.1539	A	0.4
8	☐			330670.89	0.0328	P	2.2

$$y = 5.8578\text{E-}006 * x + 0.0346$$

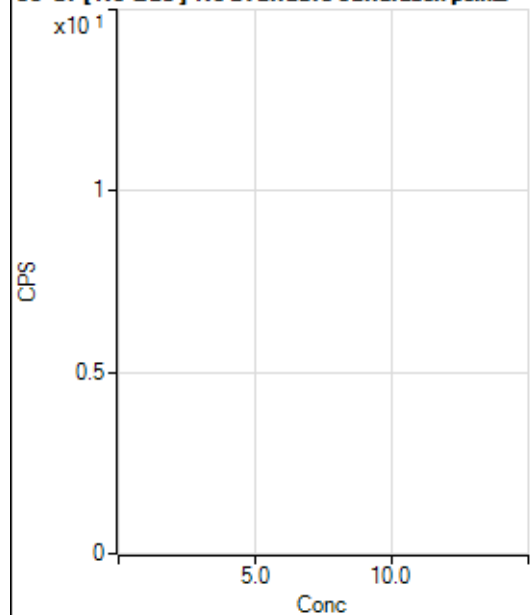
R = 0.9993

DL = 279.5

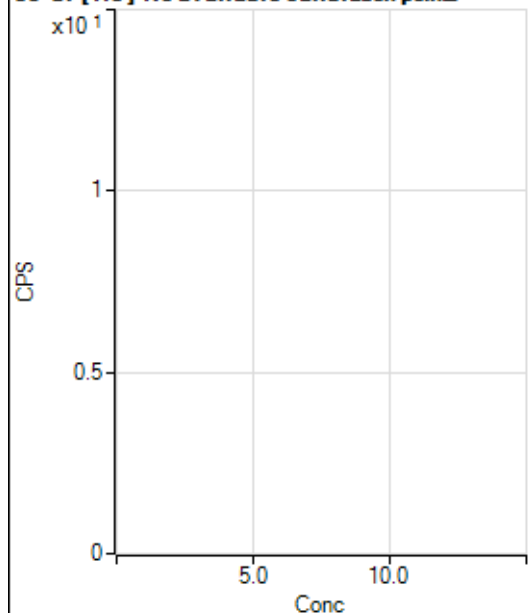
BEC = 5907

Weight: <None>

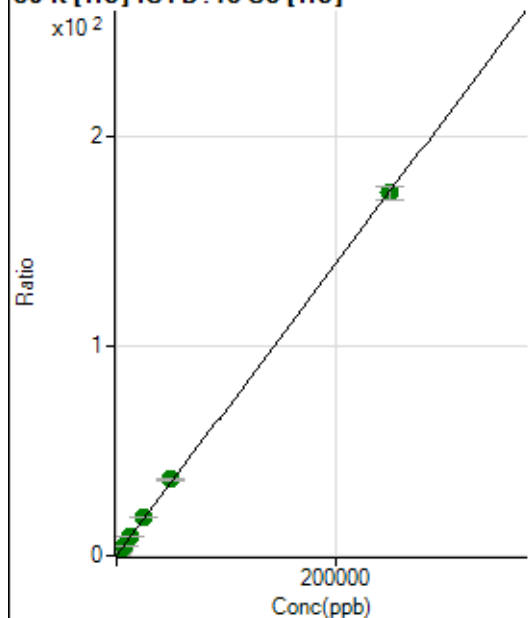
Min Conc: 0

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	93631.30	0.1046	P	0.1
2	☐	500.000	513.804	411954.61	0.4611	P	0.7
3	☐	2500.000	2785.230	1771712.59	2.0373	A	1.9
4	☐	6250.000	6785.675	4149810.04	4.8134	A	0.9
5	☐	12500.000	13351.792	7979448.84	9.3698	A	0.4
6	☐	25000.000	26614.740	15535856.85	18.5734	A	0.1
7	☐	50000.000	52159.772	30714578.99	36.3000	A	1.2
8	☐	250000.00	249347.71	146467287.82	173.1352	A	3.4

$$y = 6.9393\text{E-}004 * x + 0.1046$$

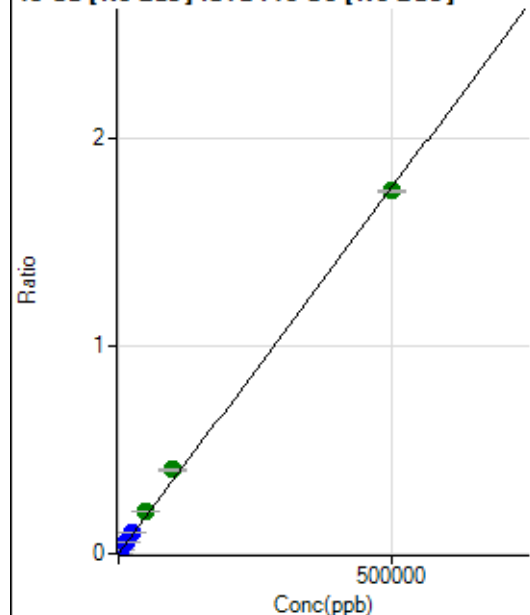
$$R = 0.9999$$

$$DL = 0.4616$$

$$BEC = 150.7$$

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	1966.82	0.0002	P	2.7
2	☐	500.000	480.422	20512.82	0.0019	P	3.7
3	☐	5000.000	6128.300	232634.41	0.0218	P	1.6
4	☐	12500.000	14949.057	562670.63	0.0528	P	0.5
5	☐	25000.000	29608.101	1086840.94	0.1044	P	0.5
6	☐	50000.000	58847.148	2132922.19	0.2074	A	0.7
7	☐	100000.00	114451.20	4224762.02	0.4032	A	1.4
8	☐	500000.00	495922.14	17629920.85	1.7463	A	0.2

$$y = 3.5210E-006 * x + 1.8058E-004$$

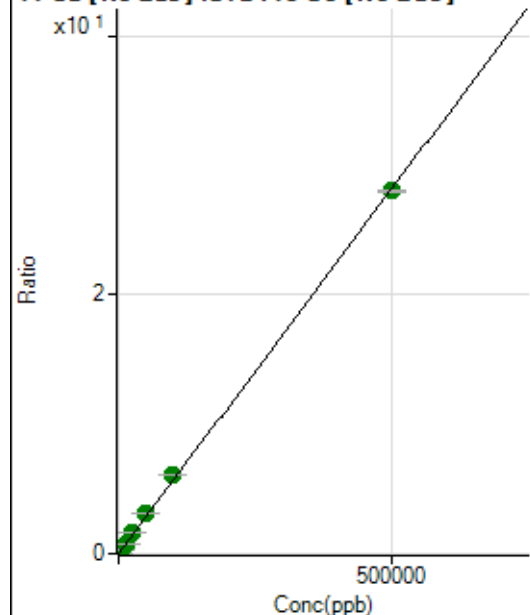
$$R = 0.9995$$

$$DL = 4.161$$

$$BEC = 51.29$$

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	20054.48	0.0018	P	1.5
2	☐	500.000	487.747	321338.25	0.0293	P	1.4
3	☐	5000.000	5737.560	3475761.48	0.3251	A	1.0
4	☐	12500.000	14136.457	8503119.32	0.7982	A	0.7
5	☐	25000.000	27790.793	16312945.17	1.5674	A	0.4
6	☐	50000.000	55474.426	32160710.08	3.1269	A	1.7
7	☐	100000.00	108289.45	63945577.38	6.1022	A	1.8
8	☐	500000.00	497606.85	283020633.56	28.0340	A	0.5

$$y = 5.6334E-005 * x + 0.0018$$

$$R = 0.9998$$

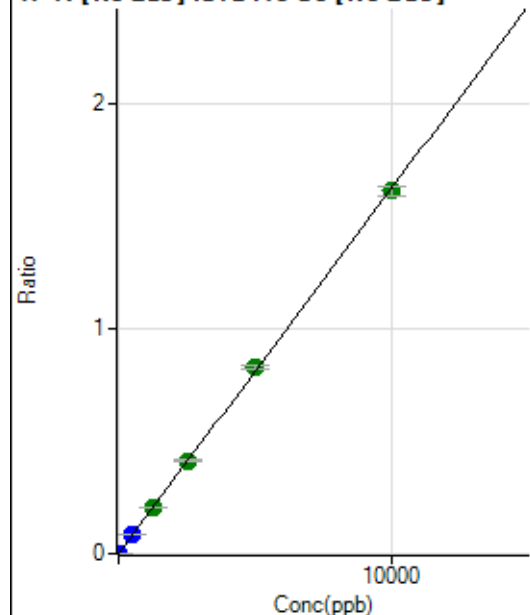
$$DL = 1.48$$

$$BEC = 32.68$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.56	0.0000	P	18.9
2	☐	5.000	4.830	8833.75	0.0008	P	1.4
3	☐	500.000	511.016	887416.17	0.0830	P	1.9
4	☐	1250.000	1281.953	2217891.76	0.2082	A	0.3
5	☐	2500.000	2550.354	4310443.89	0.4142	A	1.2
6	☐	5000.000	5099.429	8516724.66	0.8281	A	1.7
7	☐	10000.000	9933.152	16902456.97	1.6130	A	2.3
8	☐			2454.67	0.0002	P	8.6

$$y = 1.6238\text{E-}004 * x + 2.1614\text{E-}005$$

$$R = 0.9999$$

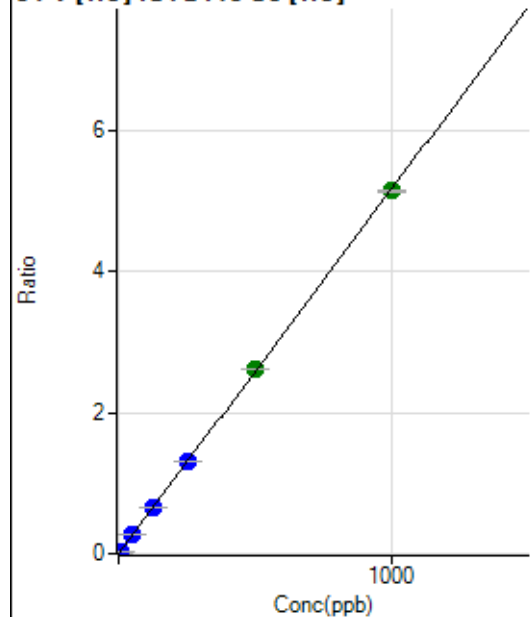
$$DL = 0.07544$$

$$BEC = 0.1331$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0001	P	7.7
2	☐	5.000	4.831	22369.98	0.0250	P	0.7
3	☐	50.000	51.129	229619.52	0.2640	P	0.5
4	☐	125.000	127.721	568510.53	0.6594	P	0.1
5	☐	250.000	253.207	1113227.33	1.3072	P	0.6
6	☐	500.000	507.059	2189526.46	2.6176	A	0.7
7	☐	1000.000	995.273	4347424.17	5.1379	A	0.3
8	☐			1757.90	0.0021	P	2.0

$$y = 0.0052 * x + 1.0176\text{E-}004$$

$$R = 1.0000$$

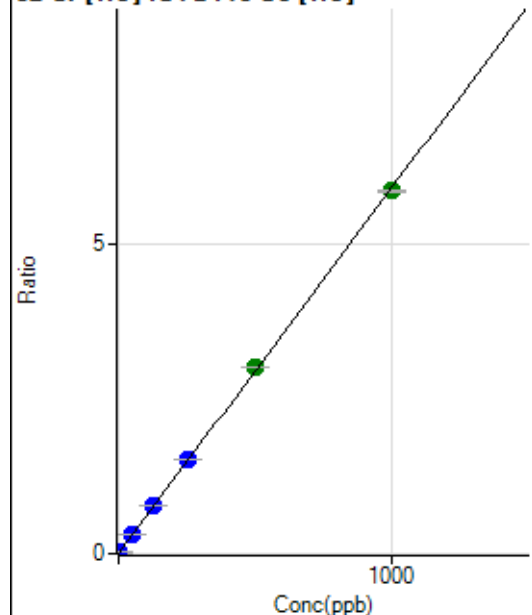
$$DL = 0.004534$$

$$BEC = 0.01971$$

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	3262.60	0.0036	P	5.9
2	☐	2.000	2.087	14273.53	0.0160	P	1.6
3	☐	50.000	52.821	274565.75	0.3157	P	1.8
4	☐	125.000	130.471	667733.97	0.7745	P	0.6
5	☐	250.000	256.374	1293094.13	1.5184	P	0.1
6	☐	500.000	509.810	2522595.97	3.0158	A	0.5
7	☐	1000.000	992.677	4965864.16	5.8688	A	0.2
8	☐			19725.24	0.0233	P	4.6

$$y = 0.0059 * x + 0.0036$$

$$R = 0.9999$$

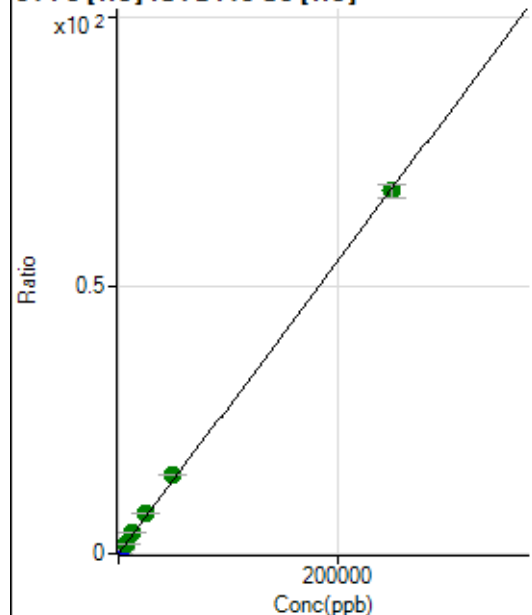
$$DL = 0.1089$$

$$BEC = 0.6167$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2644.71	0.0030	P	3.8
2	☐	50.000	57.145	16533.60	0.0185	P	2.8
3	☐	2500.000	2975.957	706922.29	0.8129	P	0.3
4	☐	6250.000	7142.376	1678351.02	1.9467	A	2.1
5	☐	12500.000	14041.799	3256925.75	3.8244	A	0.6
6	☐	25000.000	27916.315	6357299.70	7.6004	A	0.4
7	☐	50000.000	53756.812	12381753.98	14.6328	A	0.8
8	☐	250000.00	248852.84	57291653.59	67.7281	A	3.8

$$y = 2.7215E-004 * x + 0.0030$$

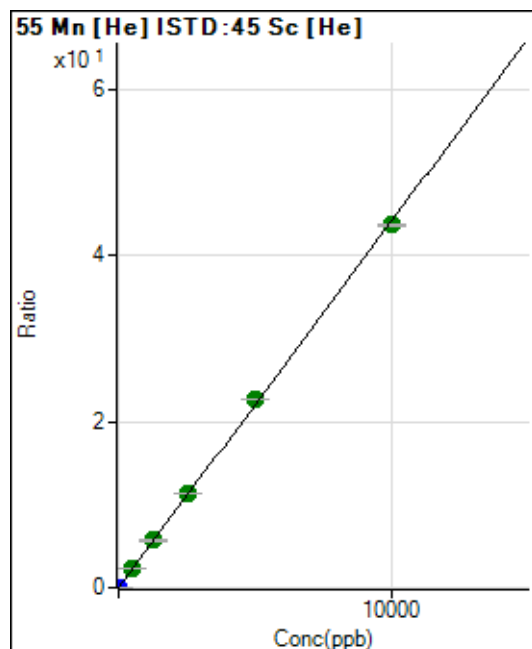
$$R = 0.9998$$

$$DL = 1.253$$

$$BEC = 10.85$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	436.68	0.0005	P	3.5
2	☐	1.000	1.045	4552.96	0.0051	P	5.2
3	☐	500.000	531.816	2040724.95	2.3465	A	0.9
4	☐	1250.000	1296.239	4930270.55	5.7186	A	1.7
5	☐	2500.000	2579.432	9690546.80	11.3792	A	1.4
6	☐	5000.000	5141.488	18971778.47	22.6812	A	0.2
7	☐	10000.000	9902.027	36961294.73	43.6814	A	0.8
8	☐			18472.55	0.0218	P	2.7

$$y = 0.0044 * x + 4.8770E-004$$

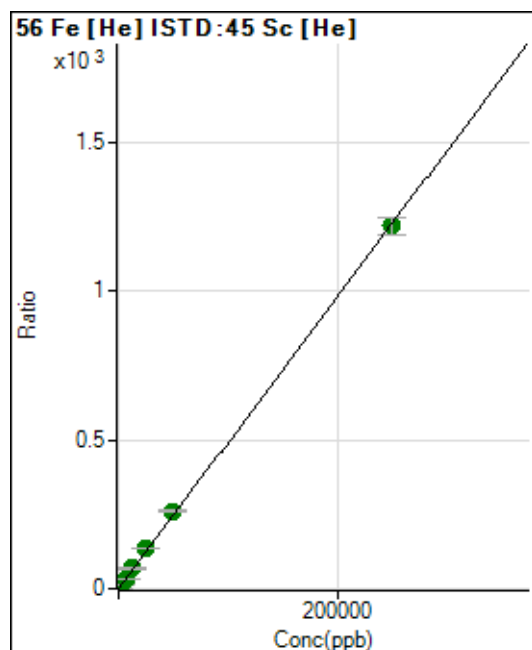
$$R = 0.9998$$

$$DL = 0.01163$$

$$BEC = 0.1106$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21932.77	0.0245	P	1.6
2	☐	50.000	55.945	266728.08	0.2986	P	0.9
3	☐	2500.000	2808.408	11986224.82	13.7824	A	0.3
4	☐	6250.000	6983.684	29515915.67	34.2365	A	0.9
5	☐	12500.000	13883.284	57940043.58	68.0365	A	1.0
6	☐	25000.000	27731.416	113651846.09	135.8764	A	1.0
7	☐	50000.000	53275.107	220852470.04	261.0109	A	0.6
8	☐	250000.00	248981.24	1031624740.1	1,219.744	A	4.5

$$y = 0.0049 * x + 0.0245$$

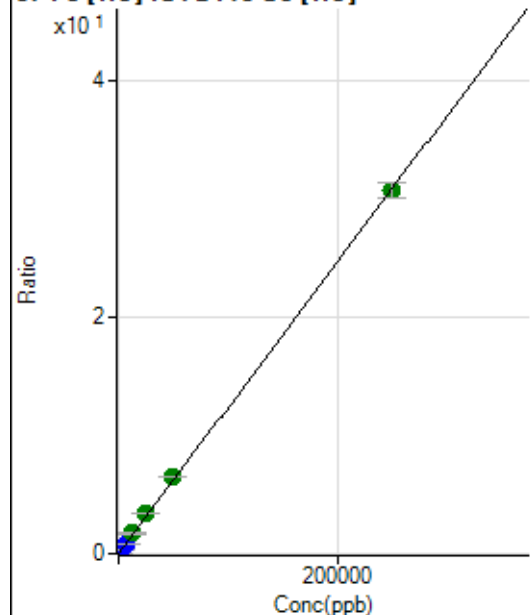
$$R = 0.9999$$

$$DL = 0.237$$

$$BEC = 5$$

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	1220.06	0.0014	P	3.4
2	☐	50.000	56.788	7474.14	0.0084	P	3.7
3	☐	2500.000	2927.696	315170.91	0.3624	P	1.0
4	☐	6250.000	7223.302	769157.83	0.8922	P	0.5
5	☐	12500.000	13982.796	1469653.12	1.7258	A	2.0
6	☐	25000.000	27709.163	2859443.39	3.4186	A	0.7
7	☐	50000.000	52883.479	5519549.92	6.5232	A	0.4
8	☐	250000.00	249049.63	25978974.89	30.7152	A	4.3

$$y = 1.2332\text{E-}004 * x + 0.0014$$

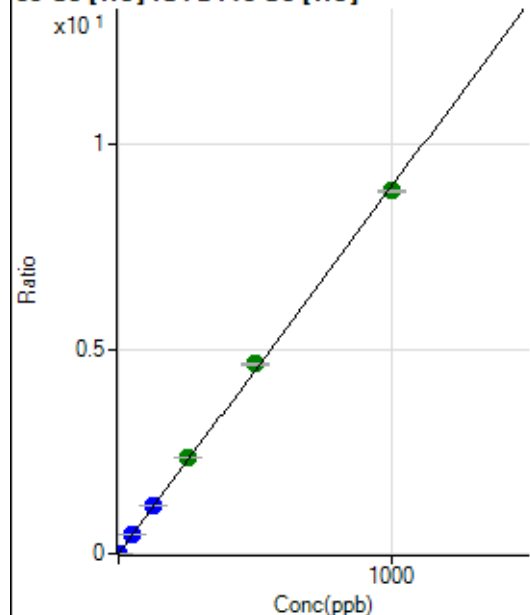
R = 0.9999

DL = 1.129

BEC = 11.05

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	383.34	0.0004	P	6.0
2	☐	1.000	0.980	8234.54	0.0092	P	0.3
3	☐	50.000	53.266	415669.36	0.4780	P	1.3
4	☐	125.000	130.113	1006062.35	1.1670	P	1.3
5	☐	250.000	260.311	1987913.03	2.3343	A	0.7
6	☐	500.000	516.165	3871186.19	4.6281	A	0.6
7	☐	1000.000	988.537	7499585.93	8.8632	A	0.8
8	☐			8832.67	0.0104	P	1.5

$$y = 0.0090 * x + 4.2813\text{E-}004$$

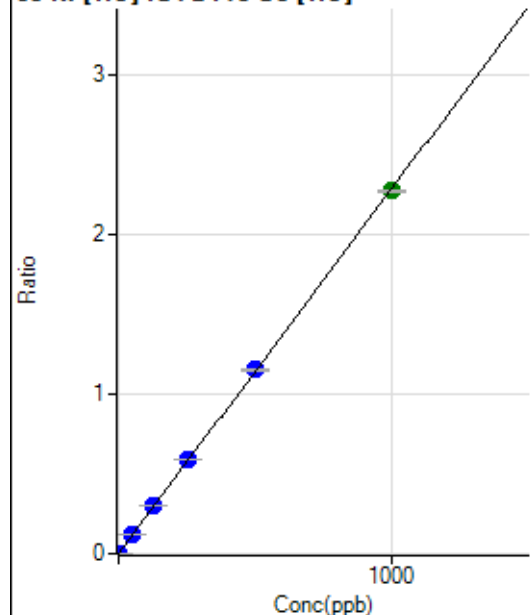
R = 0.9997

DL = 0.008628

BEC = 0.04775

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	500.01	0.0006	P	7.9
2	☐	1.000	1.058	2661.37	0.0030	P	3.1
3	☐	50.000	54.113	108193.39	0.1244	P	1.8
4	☐	125.000	132.783	262467.48	0.3044	P	0.8
5	☐	250.000	257.305	501958.06	0.5894	P	0.7
6	☐	500.000	504.054	965371.79	1.1541	P	0.3
7	☐	1000.000	994.968	1927210.14	2.2776	A	0.8
8	☐			5611.09	0.0066	P	3.0

$$y = 0.0023 * x + 5.5841E-004$$

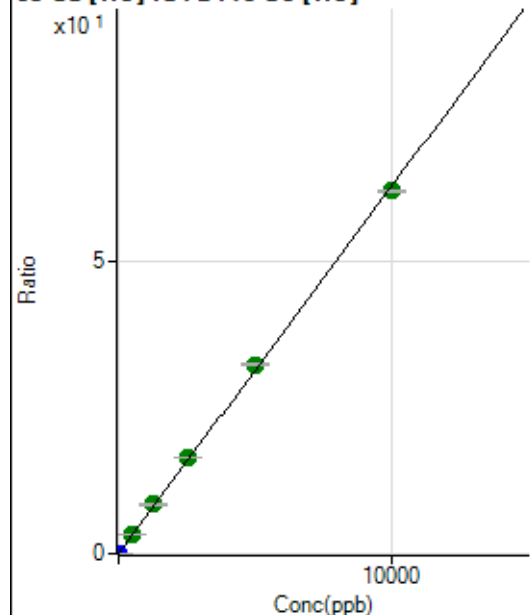
$$R = 0.9999$$

$$DL = 0.0579$$

$$BEC = 0.244$$

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	1050.05	0.0012	P	4.9
2	☐	2.000	2.005	12311.79	0.0138	P	1.8
3	☐	500.000	541.744	2964118.57	3.4084	A	1.0
4	☐	1250.000	1339.273	7262660.03	8.4244	A	1.2
5	☐	2500.000	2607.442	13966706.60	16.4004	A	0.6
6	☐	5000.000	5155.640	27124079.32	32.4270	A	0.7
7	☐	10000.000	9882.073	52591695.88	62.1533	A	0.8
8	☐			11599.02	0.0137	P	3.2

$$y = 0.0063 * x + 0.0012$$

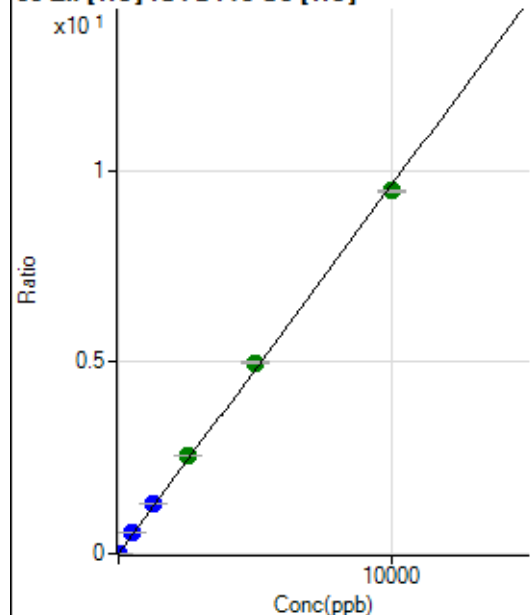
$$R = 0.9997$$

$$DL = 0.02739$$

$$BEC = 0.1865$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1756.79	0.0020	P	4.4
2	☐	2.000	2.334	3759.40	0.0042	P	5.4
3	☐	500.000	561.382	471602.98	0.5423	P	1.8
4	☐	1250.000	1353.469	1124822.79	1.3047	P	0.8
5	☐	2500.000	2668.455	2189052.73	2.5705	A	0.4
6	☐	5000.000	5189.347	4179769.07	4.9969	A	0.8
7	☐	10000.000	9847.210	8021812.31	9.4803	A	0.6
8	☐			11462.27	0.0135	P	4.8

$$y = 9.6254\text{E-}004 * x + 0.0020$$

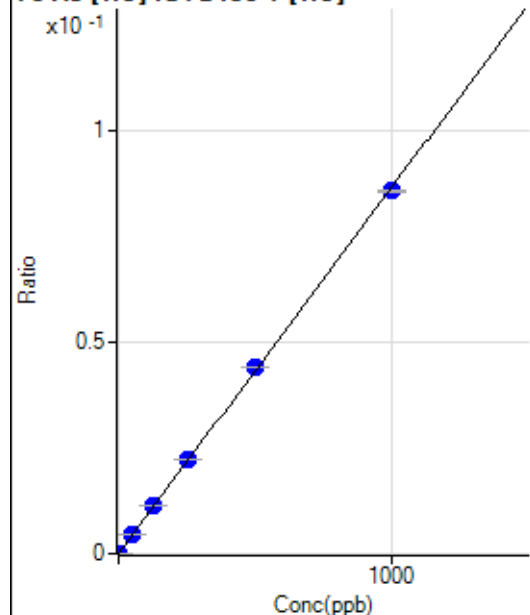
$$R = 0.9996$$

$$DL = 0.2689$$

$$BEC = 2.038$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	40.0
2	☐	1.000	1.119	654.47	0.0001	P	12.2
3	☐	50.000	51.990	29491.55	0.0045	P	4.3
4	☐	125.000	130.418	72656.65	0.0113	P	0.7
5	☐	250.000	258.698	142978.73	0.0224	P	0.7
6	☐	500.000	511.289	278794.69	0.0443	P	0.3
7	☐	1000.000	991.404	547220.60	0.0858	P	0.4
8	☐			152.23	0.0000	P	10.7

$$y = 8.6581\text{E-}005 * x + 2.5390\text{E-}006$$

$$R = 0.9999$$

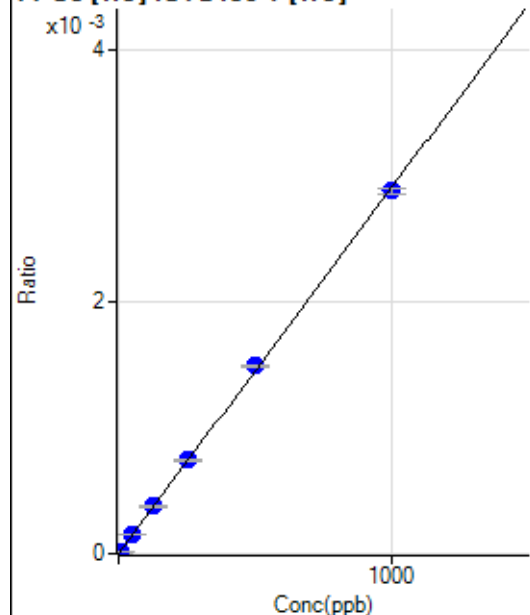
$$DL = 0.03516$$

$$BEC = 0.02933$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.009	97.78	0.0000	P	16.7
3	☐	50.000	53.635	1021.16	0.0002	P	0.9
4	☐	125.000	129.587	2419.11	0.0004	P	2.4
5	☐	250.000	254.864	4718.58	0.0007	P	3.0
6	☐	500.000	512.659	9363.03	0.0015	P	0.3
7	☐	1000.000	991.699	18333.67	0.0029	P	1.9
8	☐			98.89	0.0000	P	16.1

$$y = 2.8995\text{E-}006 * x + 3.3813\text{E-}007$$

$$R = 0.9999$$

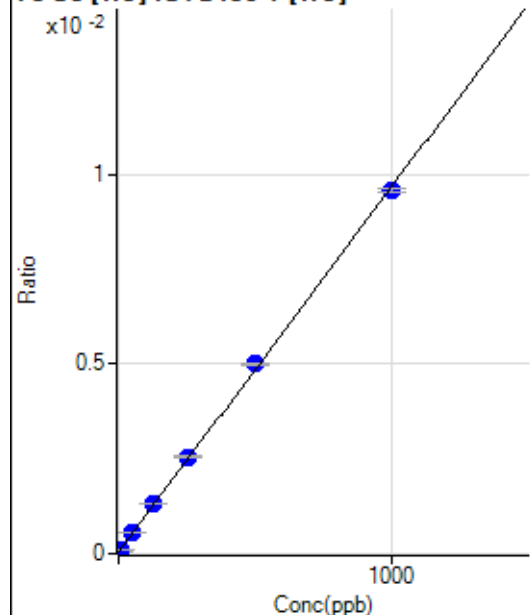
$$DL = 0.303$$

$$BEC = 0.1166$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.90	0.0000	P	11.6
2	☐	5.000	4.805	614.46	0.0001	P	12.3
3	☐	50.000	52.073	3596.03	0.0005	P	4.8
4	☐	125.000	131.716	8465.82	0.0013	P	0.3
5	☐	250.000	261.071	16353.58	0.0026	P	1.2
6	☐	500.000	514.127	31488.00	0.0050	P	1.4
7	☐	1000.000	989.227	61054.12	0.0096	P	1.0
8	☐			593.35	0.0001	P	1.1

$$y = 9.6337\text{E-}006 * x + 4.7060\text{E-}005$$

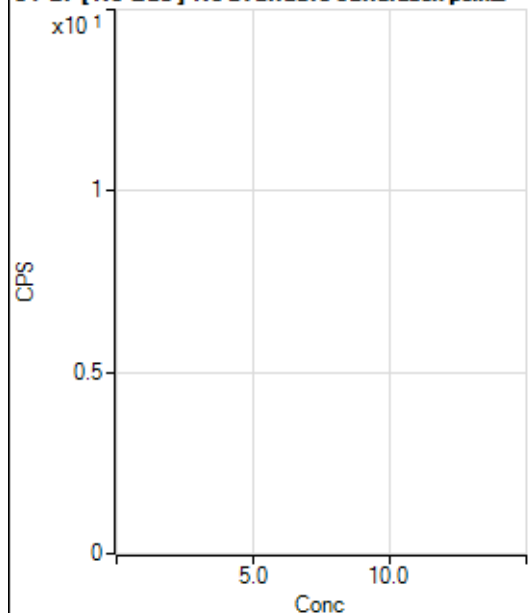
$$R = 0.9998$$

$$DL = 1.706$$

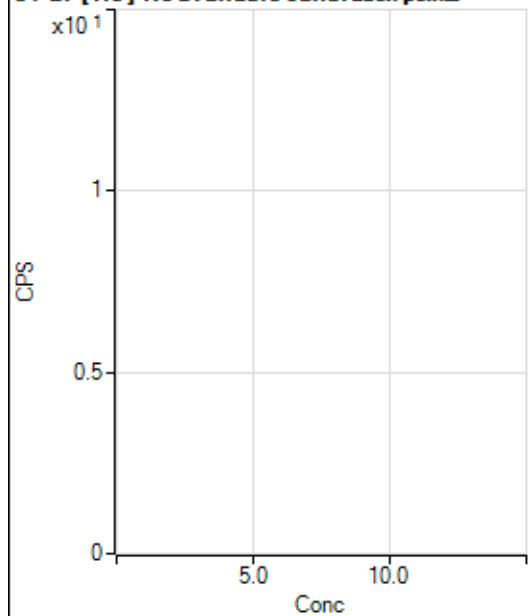
$$BEC = 4.885$$

Weight: <None>

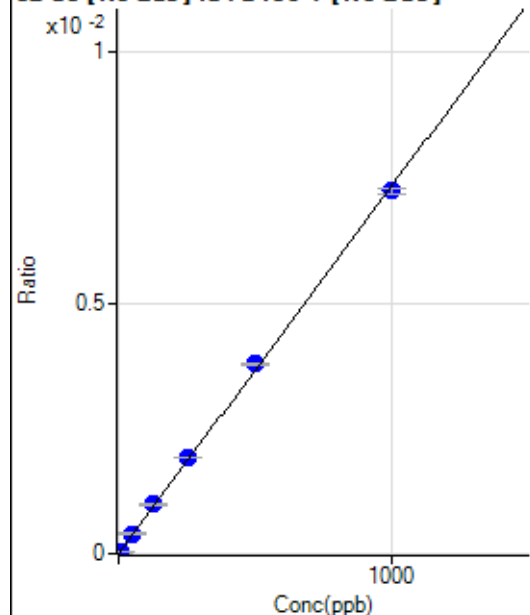
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26126.59		P	1.0
2	☐			26349.22		P	1.2
3	☐			25773.81		P	1.5
4	☐			25352.99		P	0.9
5	☐			24623.97		P	0.9
6	☐			24838.83		P	2.8
7	☐			25442.17		P	1.2
8	☐			29092.09		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			156.67		P	2.1
2	☐			108.89		P	6.4
3	☐			112.22		P	16.4
4	☐			137.78		P	15.6
5	☐			138.89		P	22.3
6	☐			165.56		P	5.1
7	☐			221.11		P	19.7
8	☐			881.14		P	3.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.01	0.0000	P	583.
2	☐	5.000	5.253	1097.55	0.0000	P	0.4
3	☐	50.000	54.798	11237.73	0.0004	P	1.1
4	☐	125.000	134.080	27346.05	0.0010	P	1.3
5	☐	250.000	262.157	52700.60	0.0019	P	1.2
6	☐	500.000	515.798	103253.69	0.0038	P	1.1
7	☐	1000.000	987.686	202634.37	0.0072	P	1.4
8	☐			1190.32	0.0000	P	1.9

$$y = 7.3246E-006 * x + 2.2218E-007$$

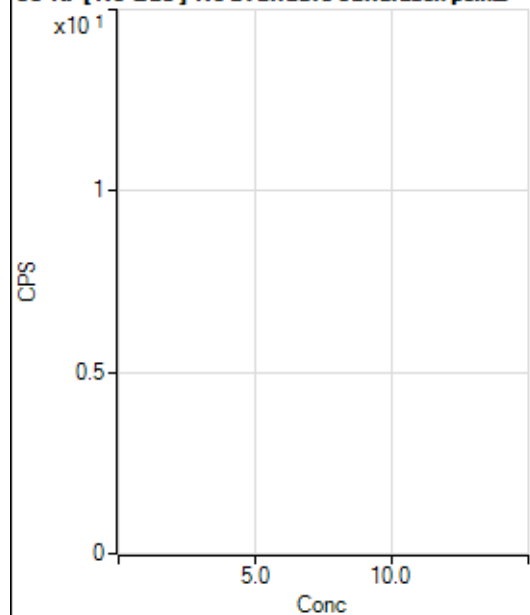
$$R = 0.9997$$

$$DL = 0.5308$$

$$BEC = 0.03033$$

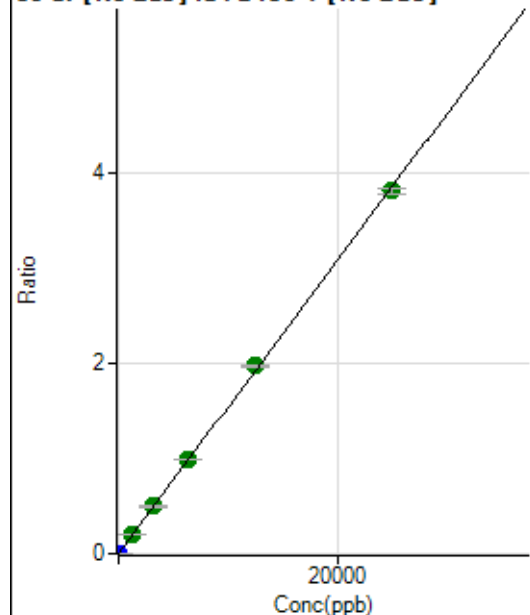
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			235.56		P	13.1
2	☐			214.45		P	13.0
3	☐			203.34		P	11.8
4	☐			217.78		P	0.9
5	☐			207.78		P	18.7
6	☐			257.78		P	15.4
7	☐			236.67		P	12.5
8	☐			256.67		P	7.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.56	0.0000	P	5.7
2	☐	1.000	0.938	4422.93	0.0002	P	2.1
3	☐	1250.000	1300.831	5589625.61	0.1998	A	0.8
4	☐	3125.000	3231.062	13813491.04	0.4962	A	1.0
5	☐	6250.000	6404.373	26987183.77	0.9835	A	0.8
6	☐	12500.000	12830.726	53844194.75	1.9703	A	1.4
7	☐	25000.000	24780.244	106578511.74	3.8052	A	1.7
8	☐			13586.38	0.0005	P	8.3

$$y = 1.5356E-004 * x + 1.1871E-005$$

$$R = 0.9998$$

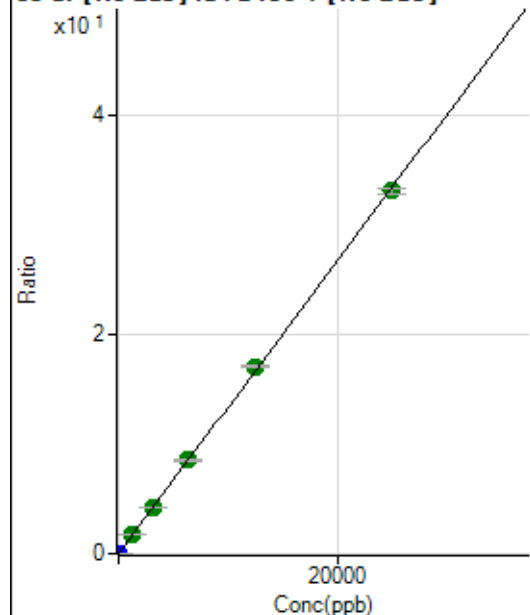
$$DL = 0.01322$$

$$BEC = 0.07731$$

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	327.78	0.0000	P	4.4
2	☐	1.000	0.942	36035.17	0.0013	P	0.7
3	☐	1250.000	1295.514	48438800.95	1.7311	A	0.3
4	☐	3125.000	3207.523	119321994.89	4.2860	A	0.6
5	☐	6250.000	6384.236	234093820.96	8.5307	A	1.1
6	☐	12500.000	12768.426	466264015.28	17.0614	A	0.9
7	☐	25000.000	24819.637	928888839.49	33.1645	A	1.7
8	☐			113707.32	0.0044	P	9.4

$$y = 0.0013 * x + 1.1587E-005$$

$$R = 0.9999$$

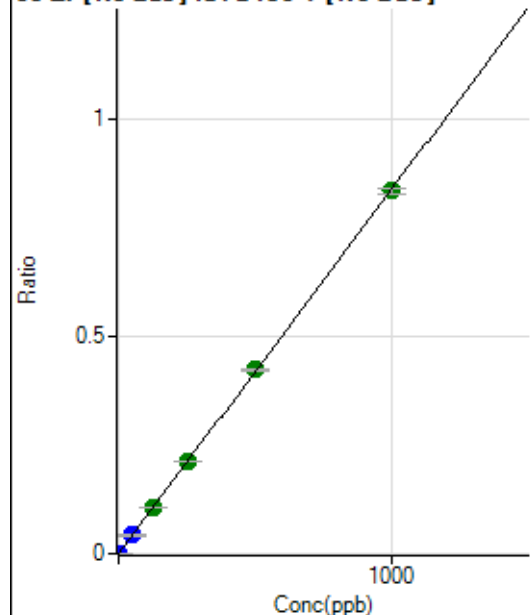
$$DL = 0.001144$$

$$BEC = 0.008672$$

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	1123.38	0.0000	P	4.2
2	☐	1.000	0.864	21651.62	0.0008	P	0.8
3	☐	50.000	50.381	1181561.76	0.0422	P	1.3
4	☐	125.000	128.077	2986907.87	0.1073	A	1.1
5	☐	250.000	253.092	5816839.50	0.2120	A	1.3
6	☐	500.000	505.296	11564380.94	0.4232	A	0.6
7	☐	1000.000	996.175	23365117.71	0.8342	A	1.5
8	☐			10238.10	0.0004	P	3.7

$$y = 8.3737\text{E-}004 * x + 3.9711\text{E-}005$$

$$R = 1.0000$$

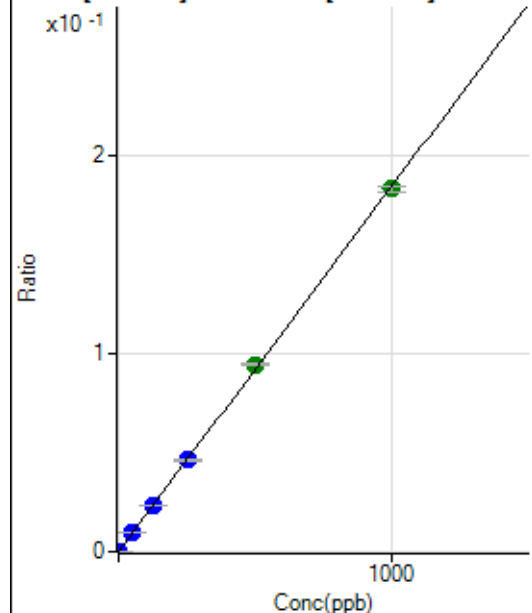
$$DL = 0.00593$$

$$BEC = 0.04742$$

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	202.23	0.0000	P	5.7
2	☐	1.000	0.891	4863.09	0.0002	P	1.8
3	☐	50.000	50.801	262359.71	0.0094	P	2.1
4	☐	125.000	125.931	646827.37	0.0232	P	0.9
5	☐	250.000	250.439	1267787.11	0.0462	P	1.7
6	☐	500.000	512.288	2582320.34	0.0945	A	1.3
7	☐	1000.000	993.590	5132954.19	0.1833	A	1.7
8	☐			2203.52	0.0001	P	3.3

$$y = 1.8444\text{E-}004 * x + 7.1540\text{E-}006$$

$$R = 0.9999$$

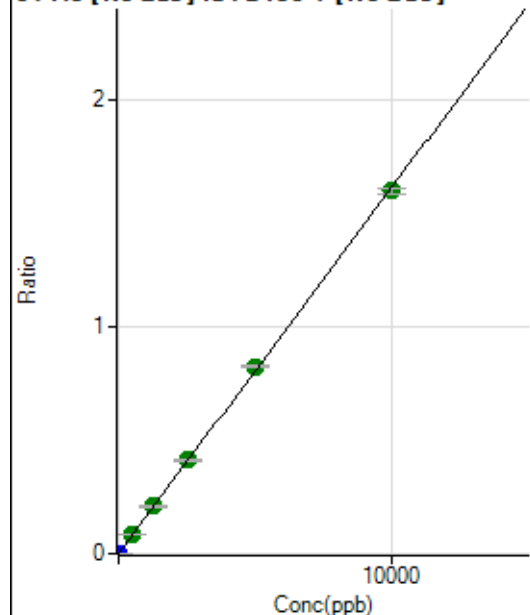
$$DL = 0.006628$$

$$BEC = 0.03879$$

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	450.01	0.0000	P	11.6
2	☐	5.000	5.610	26112.28	0.0009	P	2.0
3	☐	500.000	525.466	2371452.72	0.0848	A	0.8
4	☐	1250.000	1294.016	5809994.43	0.2087	A	1.2
5	☐	2500.000	2564.511	11349092.05	0.4136	A	2.1
6	☐	5000.000	5120.597	22566460.50	0.8257	A	1.0
7	☐	10000.000	9916.798	44790497.67	1.5992	A	1.7
8	☐			10284.81	0.0004	P	7.4

$$y = 1.6126\text{E-}004 * x + 1.5922\text{E-}005$$

$$R = 0.9999$$

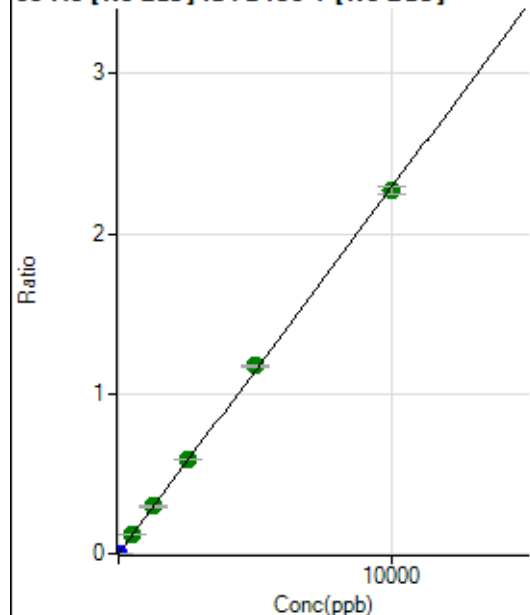
$$DL = 0.03442$$

$$BEC = 0.09874$$

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	263.34	0.0000	P	11.2
2	☐	5.000	4.811	31471.63	0.0011	P	2.4
3	☐	500.000	525.085	3361534.32	0.1201	A	0.9
4	☐	1250.000	1287.218	8198649.39	0.2945	A	0.6
5	☐	2500.000	2576.516	16175329.07	0.5894	A	1.6
6	☐	5000.000	5135.332	32106282.30	1.1748	A	1.0
7	☐	10000.000	9907.299	63480554.61	2.2665	A	2.2
8	☐			10887.48	0.0004	P	8.5

$$y = 2.2877\text{E-}004 * x + 9.3150\text{E-}006$$

$$R = 0.9998$$

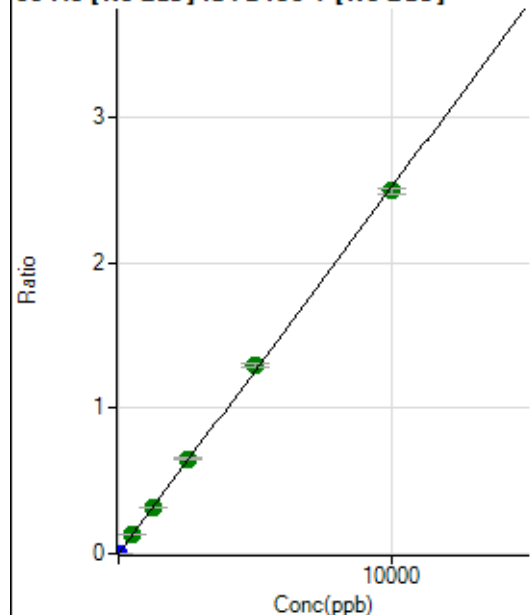
$$DL = 0.01371$$

$$BEC = 0.04072$$

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	272.23	0.0000	P	12.3
2	☐	5.000	4.913	35388.30	0.0012	P	0.4
3	☐	500.000	520.560	3671058.03	0.1312	A	1.5
4	☐	1250.000	1280.986	8987823.69	0.3228	A	0.8
5	☐	2500.000	2575.716	17813212.38	0.6491	A	2.1
6	☐	5000.000	5145.703	35439974.47	1.2968	A	1.2
7	☐	10000.000	9903.318	69904023.40	2.4958	A	1.9
8	☐			26469.67	0.0010	P	6.0

$$y = 2.5202\text{E-}004 * x + 9.6259\text{E-}006$$

$$R = 0.9998$$

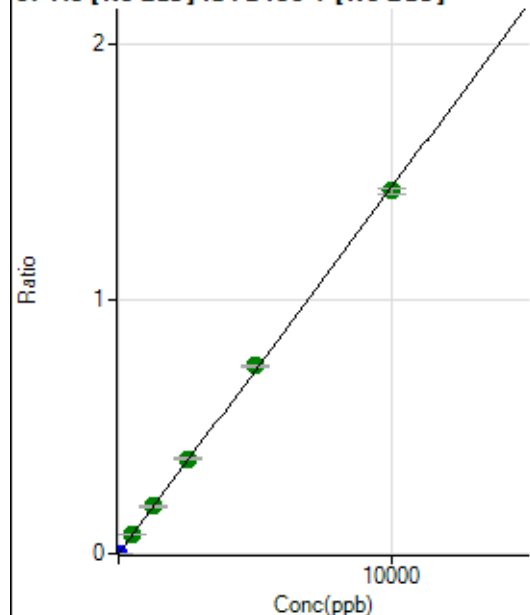
$$DL = 0.01405$$

$$BEC = 0.0382$$

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	137.78	0.0000	P	27.7
2	☐	5.000	4.797	19701.13	0.0007	P	2.2
3	☐	500.000	522.908	2104136.08	0.0752	A	1.7
4	☐	1250.000	1291.614	5171027.18	0.1857	A	1.4
5	☐	2500.000	2582.551	10191047.76	0.3714	A	2.1
6	☐	5000.000	5138.138	20192454.70	0.7389	A	0.8
7	☐	10000.000	9903.946	39890807.18	1.4242	A	1.4
8	☐			6740.52	0.0003	P	10.7

$$y = 1.4380\text{E-}004 * x + 4.8848\text{E-}006$$

$$R = 0.9998$$

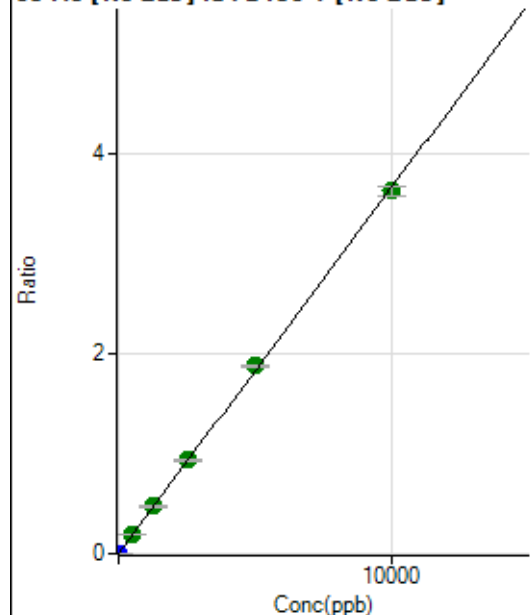
$$DL = 0.02818$$

$$BEC = 0.03397$$

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	304.45	0.0000	P	11.2
2	☐	5.000	4.843	50608.46	0.0018	P	2.3
3	☐	500.000	520.089	5331458.01	0.1905	A	1.6
4	☐	1250.000	1289.750	13154299.11	0.4725	A	1.7
5	☐	2500.000	2568.527	25821933.78	0.9410	A	2.0
6	☐	5000.000	5137.599	51435093.68	1.8821	A	1.0
7	☐	10000.000	9908.095	101661944.04	3.6297	A	2.4
8	☐			16255.85	0.0006	P	9.4

$$y = 3.6634E-004 * x + 1.0778E-005$$

$$R = 0.9998$$

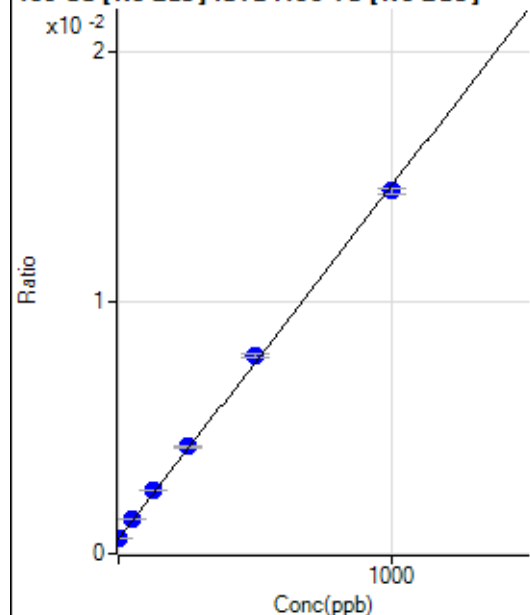
$$DL = 0.009846$$

$$BEC = 0.02942$$

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	13761.06	0.0006	P	1.9
2	☐	1.000	1.771	14364.96	0.0006	P	3.8
3	☐	50.000	54.384	31548.69	0.0014	P	1.2
4	☐	125.000	136.001	58289.67	0.0025	P	0.3
5	☐	250.000	260.599	99751.86	0.0042	P	0.4
6	☐	500.000	519.961	185135.66	0.0079	P	1.4
7	☐	1000.000	985.775	343812.12	0.0144	P	1.6
8	☐			12251.90	0.0006	P	1.9

$$y = 1.4048E-005 * x + 5.8728E-004$$

$$R = 0.9996$$

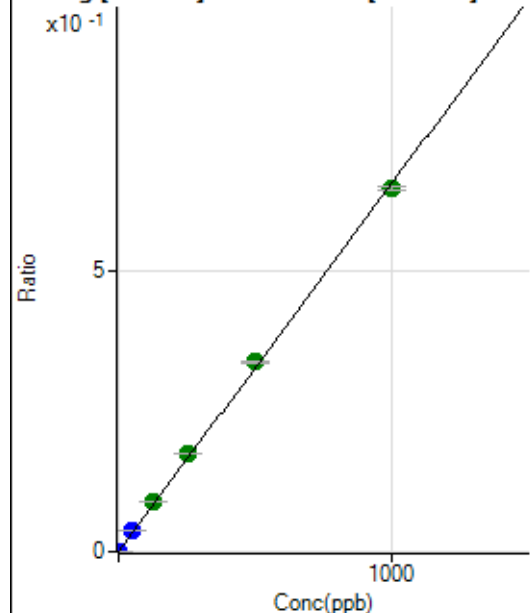
$$DL = 2.408$$

$$BEC = 41.81$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.56	0.0000	P	16.6
2	☐	1.000	1.053	16345.99	0.0007	P	0.8
3	☐	50.000	55.344	847900.15	0.0363	P	1.3
4	☐	125.000	137.904	2111551.50	0.0905	A	0.6
5	☐	250.000	266.374	4104039.73	0.1748	A	0.5
6	☐	500.000	515.699	7937625.02	0.3384	A	1.7
7	☐	1000.000	986.177	15411025.74	0.6470	A	1.2
8	☐			6003.53	0.0003	P	2.0

$$y = 6.5611\text{E-}004 * x + 5.3520\text{E-}006$$

$$R = 0.9996$$

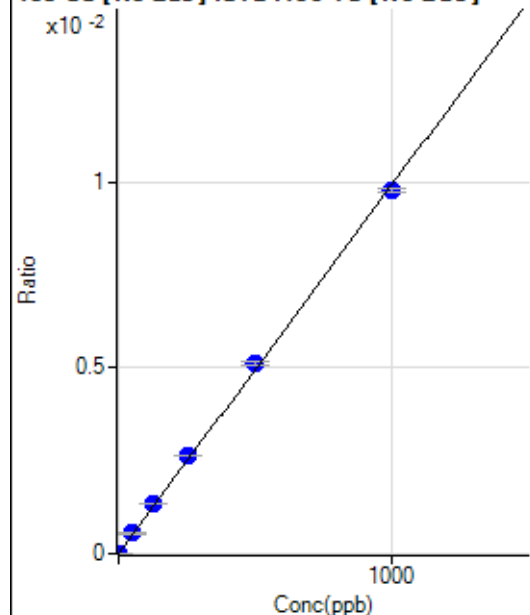
$$DL = 0.004072$$

$$BEC = 0.008157$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.55	0.0000	P	18.7
2	☐	1.000	0.961	258.89	0.0000	P	7.6
3	☐	50.000	54.813	12703.45	0.0005	P	1.1
4	☐	125.000	137.697	31845.02	0.0014	P	0.1
5	☐	250.000	267.280	62156.97	0.0026	P	0.4
6	☐	500.000	517.580	120232.43	0.0051	P	1.5
7	☐	1000.000	985.062	232285.51	0.0098	P	1.1
8	☐			217.78	0.0000	P	17.6

$$y = 9.8991\text{E-}006 * x + 1.5160\text{E-}006$$

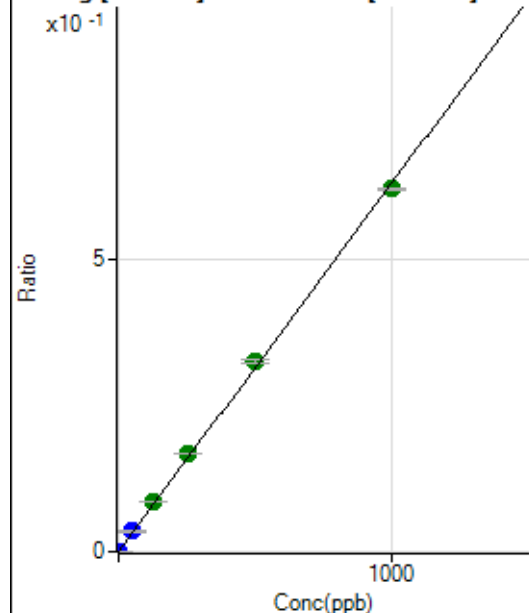
$$R = 0.9996$$

$$DL = 0.0859$$

$$BEC = 0.1531$$

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	35.56	0.0000	P	14.5
2	☐	1.000	1.052	15621.87	0.0007	P	2.0
3	☐	50.000	54.924	809887.60	0.0347	P	1.1
4	☐	125.000	137.404	2025015.82	0.0868	A	1.0
5	☐	250.000	266.755	3955483.76	0.1685	A	0.5
6	☐	500.000	517.501	7667290.30	0.3268	A	1.4
7	☐	1000.000	985.264	14820694.78	0.6222	A	0.6
8	☐			5673.38	0.0003	P	4.4

$$y = 6.3155\text{E-}004 * x + 1.5180\text{E-}006$$

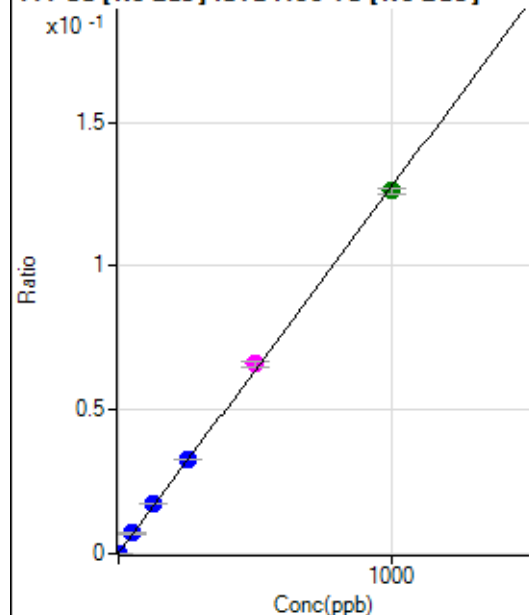
$$R = 0.9996$$

$$DL = 0.001044$$

$$BEC = 0.002404$$

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	2803.99	0.0001	P	2.4
2	☐	1.000	1.038	5911.05	0.0003	P	0.9
3	☐	50.000	54.290	164294.03	0.0070	P	2.2
4	☐	125.000	133.883	400860.40	0.0172	P	1.2
5	☐	250.000	257.919	774450.41	0.0330	P	0.5
6	☐	500.000	515.840	1544524.61	0.0658	M	3.7
7	☐	1000.000	988.775	3003461.03	0.1261	A	1.7
8	☐			3746.91	0.0002	P	1.6

$$y = 1.2741\text{E-}004 * x + 1.1967\text{E-}004$$

$$R = 0.9998$$

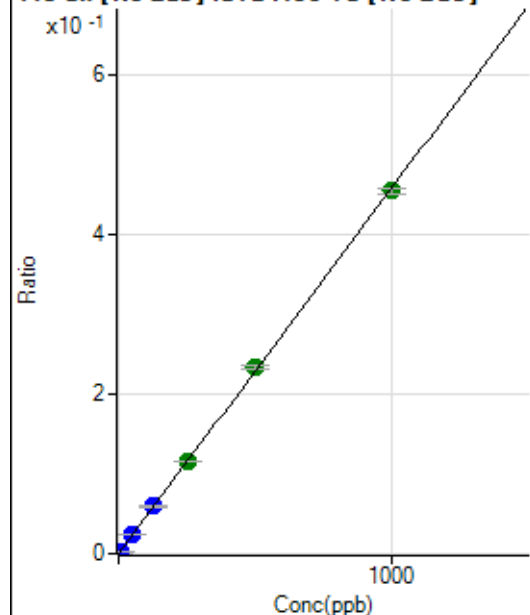
$$DL = 0.06752$$

$$BEC = 0.9392$$

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	1867.98	0.0001	P	9.0
2	☐	5.000	4.836	53751.02	0.0023	P	0.7
3	☐	50.000	52.351	560608.56	0.0240	P	1.0
4	☐	125.000	128.995	1377955.27	0.0590	P	0.8
5	☐	250.000	254.751	2736307.77	0.1165	A	0.1
6	☐	500.000	510.181	5473440.96	0.2333	A	1.5
7	☐	1000.000	993.106	10814856.23	0.4541	A	1.6
8	☐			6959.53	0.0003	P	3.7

$$y = 4.5715\text{E-}004 * x + 7.9701\text{E-}005$$

$$R = 0.9999$$

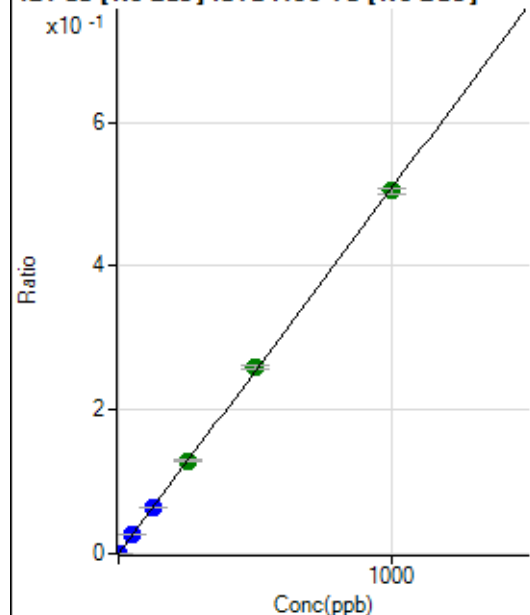
$$DL = 0.04682$$

$$BEC = 0.1743$$

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	296.67	0.0000	P	5.7
2	☐	2.000	1.888	22787.03	0.0010	P	2.8
3	☐	50.000	51.546	611311.71	0.0262	P	0.8
4	☐	125.000	127.519	1511138.19	0.0648	P	1.1
5	☐	250.000	254.746	3037177.98	0.1294	A	1.0
6	☐	500.000	510.378	6079322.76	0.2591	A	1.3
7	☐	1000.000	993.233	12010798.29	0.5043	A	1.5
8	☐			6835.03	0.0003	P	8.1

$$y = 5.0771\text{E-}004 * x + 1.2664\text{E-}005$$

$$R = 0.9999$$

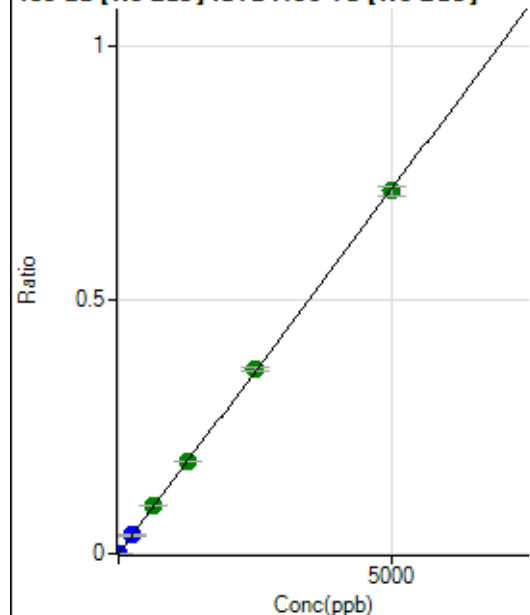
$$DL = 0.004289$$

$$BEC = 0.02494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	181.11	0.0000	P	6.9
2	☐	10.000	9.139	30927.97	0.0013	P	1.1
3	☐	250.000	251.749	842763.71	0.0361	P	1.2
4	☐	625.000	651.764	2180530.44	0.0934	A	1.5
5	☐	1250.000	1271.291	4279593.17	0.1823	A	0.5
6	☐	2500.000	2528.689	8504488.55	0.3625	A	1.4
7	☐	5000.000	4976.901	16992695.44	0.7135	A	2.3
8	☐			9154.13	0.0004	P	2.2

$$y = 1.4335E-004 * x + 7.7278E-006$$

$$R = 1.0000$$

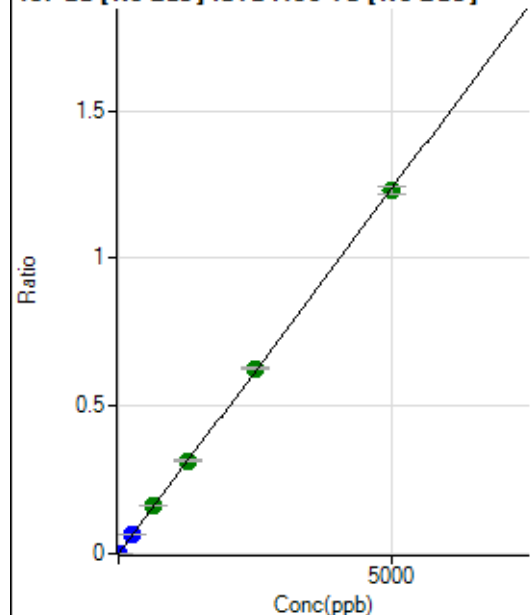
$$DL = 0.01119$$

$$BEC = 0.05391$$

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	266.67	0.0000	P	2.8
2	☐	10.000	9.337	54377.82	0.0023	P	1.3
3	☐	250.000	252.494	1456056.65	0.0624	P	1.1
4	☐	625.000	650.169	3747221.16	0.1606	A	0.2
5	☐	1250.000	1274.933	7393639.13	0.3149	A	0.9
6	☐	2500.000	2534.684	14684939.64	0.6260	A	1.0
7	☐	5000.000	4973.155	29251419.01	1.2281	A	2.0
8	☐			15947.93	0.0007	P	1.4

$$y = 2.4695E-004 * x + 1.1380E-005$$

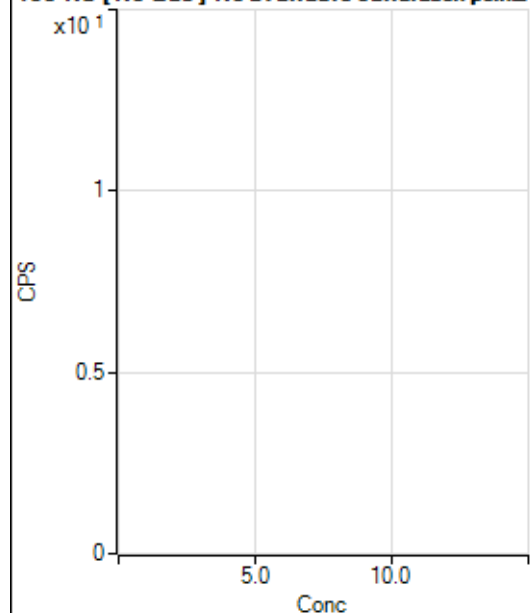
$$R = 0.9999$$

$$DL = 0.00384$$

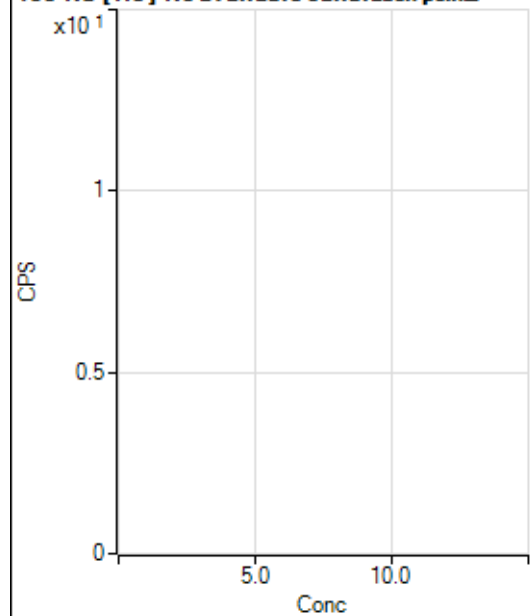
$$BEC = 0.04608$$

Weight: <None>

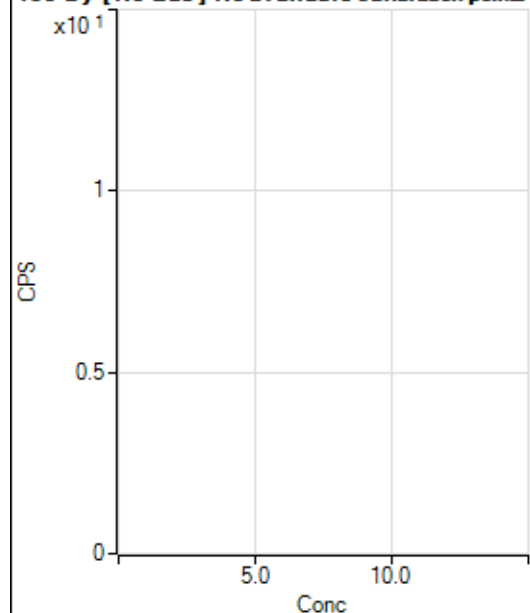
Min Conc: 0

150 Nd [No Gas] No available calibration points

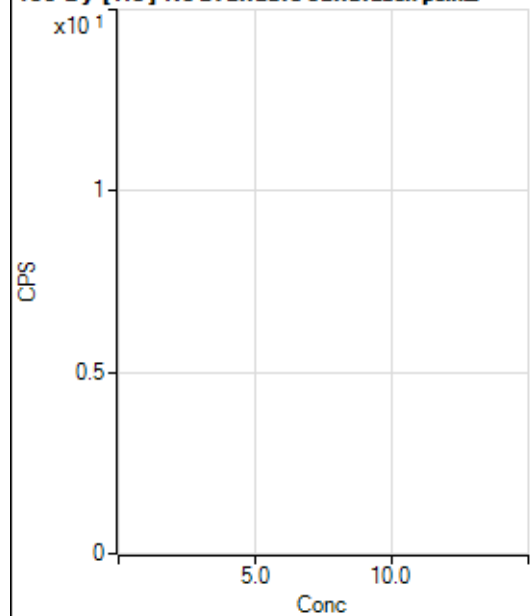
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	24.8
2	☐			20.00		P	57.7
3	☐			96.67		P	3.4
4	☐			212.22		P	5.0
5	☐			384.45		P	13.7
6	☐			837.81		P	4.4
7	☐			1557.88		P	3.8
8	☐			507.80		P	7.3

150 Nd [He] No available calibration points

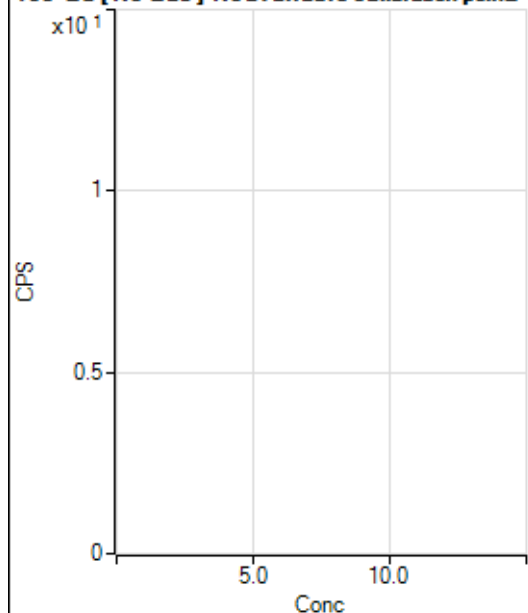
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			6.66		P	86.6
3	☐			34.44		P	22.3
4	☐			66.67		P	0.0
5	☐			106.67		P	13.6
6	☐			204.45		P	4.1
7	☐			401.12		P	3.4
8	☐			281.12		P	12.0

156 Dy [No Gas] No available calibration points

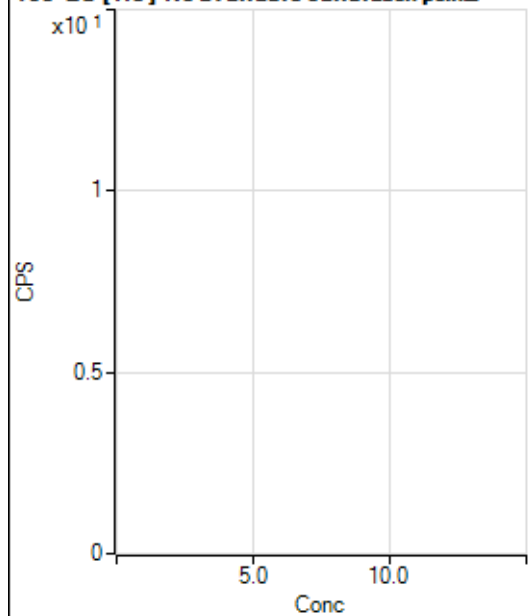
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	22.2
2	☐			23.33		P	14.3
3	☐			87.78		P	11.6
4	☐			171.12		P	11.4
5	☐			291.12		P	24.5
6	☐			492.24		P	5.6
7	☐			1021.16		P	5.3
8	☐			3648.29		P	3.7

156 Dy [He] No available calibration points

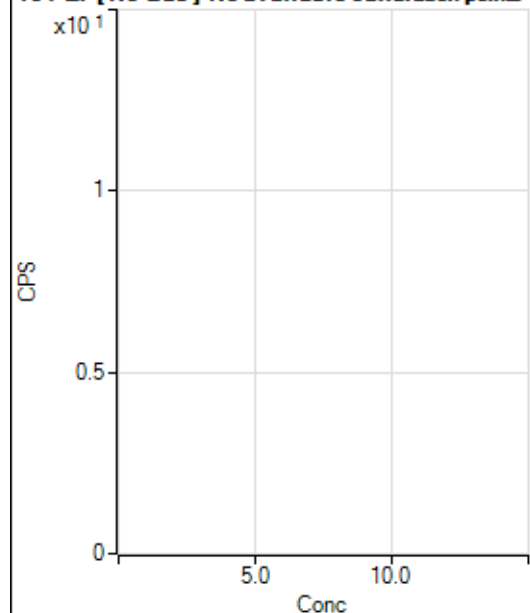
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	61.9
2	☐			20.00		P	16.7
3	☐			90.00		P	24.3
4	☐			127.78		P	10.5
5	☐			274.45		P	7.3
6	☐			538.91		P	6.8
7	☐			1015.61		P	7.4
8	☐			2473.58		P	2.4

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

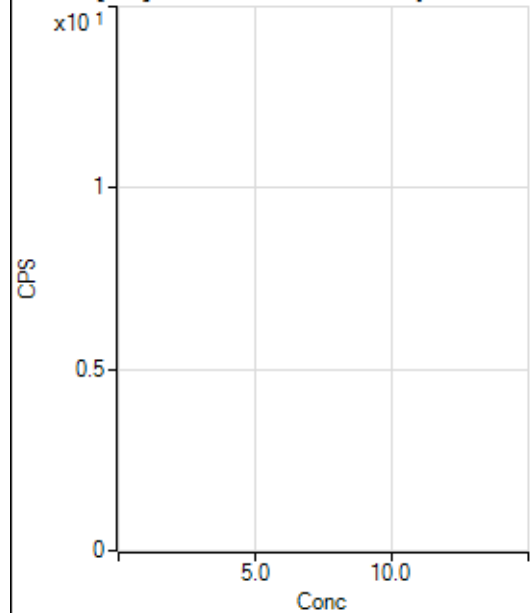
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			215.56		P	10.9
2	☐			195.56		P	16.2
3	☐			241.11		P	3.5
4	☐			277.78		P	3.0
5	☐			390.01		P	6.0
6	☐			596.69		P	11.7
7	☐			1005.60		P	5.2
8	☐			4132.88		P	2.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			751.14		P	7.3
2	☐			817.81		P	6.3
3	☐			876.70		P	5.0
4	☐			833.37		P	6.7
5	☐			890.04		P	11.3
6	☐			1031.16		P	6.7
7	☐			1258.96		P	5.3
8	☐			3551.59		P	1.6

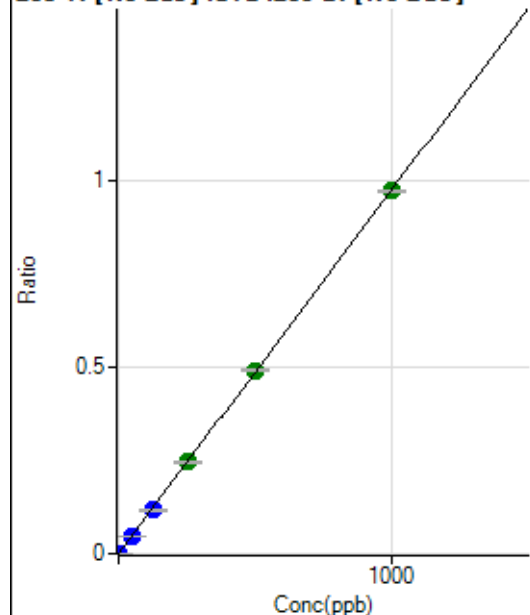
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			152.23		P	5.5
2	☐			190.00		P	12.3
3	☐			194.45		P	13.9
4	☐			203.34		P	7.1
5	☐			204.45		P	17.6
6	☐			284.45		P	3.8
7	☐			405.57		P	6.1
8	☐			520.02		P	1.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	27.3
2	☐			106.67		P	11.3
3	☐			121.11		P	1.6
4	☐			100.00		P	15.3
5	☐			128.89		P	24.0
6	☐			175.56		P	8.6
7	☐			260.01		P	8.4
8	☐			324.45		P	16.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	647.80	0.0000	P	7.1
2	☐	1.000	0.864	12004.25	0.0009	P	2.1
3	☐	50.000	47.550	619234.49	0.0465	P	0.7
4	☐	125.000	119.179	1538865.44	0.1164	P	2.0
5	☐	250.000	251.318	3259236.76	0.2454	A	0.8
6	☐	500.000	504.863	6435736.78	0.4929	A	0.7
7	☐	1000.000	998.089	12722630.51	0.9743	A	0.6
8	☐			2518.04	0.0002	P	4.7

$$y = 9.7617E-004 * x + 4.8365E-005$$

$$R = 1.0000$$

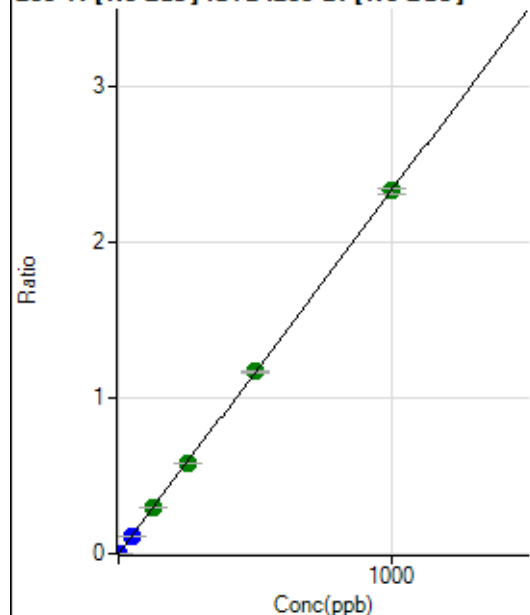
$$DL = 0.01057$$

$$BEC = 0.04955$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1378.97	0.0001	P	4.3
2	☐	1.000	0.867	28577.80	0.0021	P	2.1
3	☐	50.000	47.654	1481649.01	0.1112	P	0.7
4	☐	125.000	125.948	3882961.44	0.2937	A	1.5
5	☐	250.000	247.960	7678778.08	0.5781	A	0.2
6	☐	500.000	501.645	15268937.41	1.1694	A	0.4
7	☐	1000.000	999.686	30427609.27	2.3303	A	1.4
8	☐			6514.96	0.0006	P	9.8

$$y = 0.0023 * x + 1.0295E-004$$

$$R = 1.0000$$

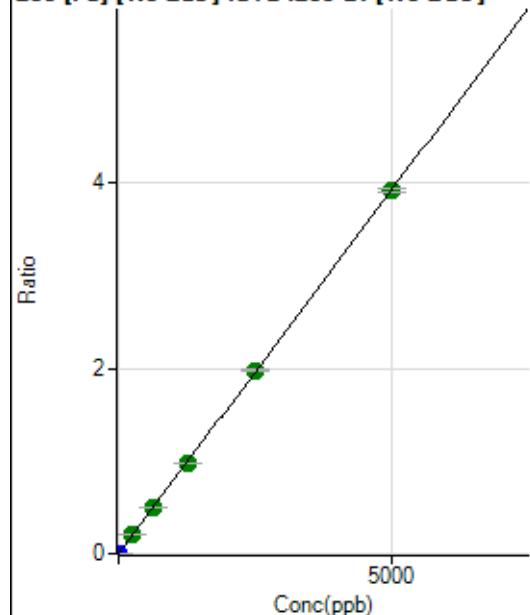
$$DL = 0.005691$$

$$BEC = 0.04417$$

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	1333.41	0.0001	P	5.2
2	☐	1.000	0.902	10863.31	0.0008	P	2.2
3	☐	250.000	254.214	2657462.01	0.1994	A	1.2
4	☐	625.000	627.924	6510906.29	0.4924	A	1.7
5	☐	1250.000	1255.136	13073784.25	0.9842	A	0.1
6	☐	2500.000	2516.426	25763447.67	1.9731	A	0.8
7	☐	5000.000	4989.927	51086007.02	3.9124	A	1.1
8	☐			36548.02	0.0034	P	2.5

$$y = 7.8405\text{E-}004 * x + 9.9531\text{E-}005$$

$$R = 1.0000$$

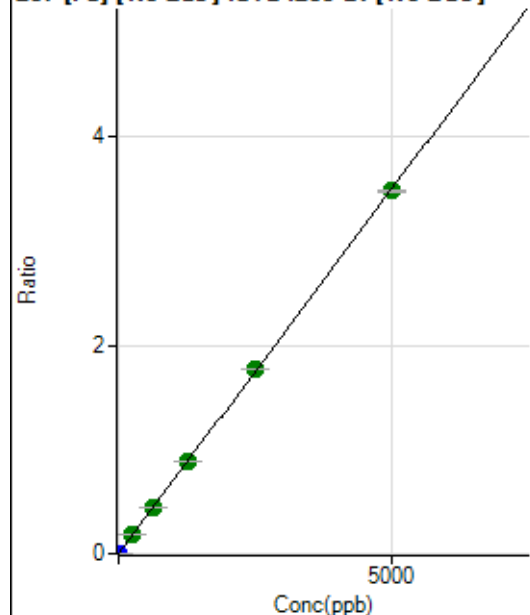
$$DL = 0.01991$$

$$BEC = 0.1269$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1265.63	0.0001	P	4.3
2	☐	1.000	0.868	9445.58	0.0007	P	2.0
3	☐	250.000	258.952	2415524.60	0.1812	A	1.0
4	☐	625.000	639.674	5917762.48	0.4476	A	1.0
5	☐	1250.000	1260.672	11716886.63	0.8819	A	0.6
6	☐	2500.000	2532.285	23130342.71	1.7715	A	0.7
7	☐	5000.000	4978.907	45476888.21	3.4829	A	0.4
8	☐			31457.51	0.0029	P	0.7

$$y = 6.9951\text{E-}004 * x + 9.4520\text{E-}005$$

$$R = 1.0000$$

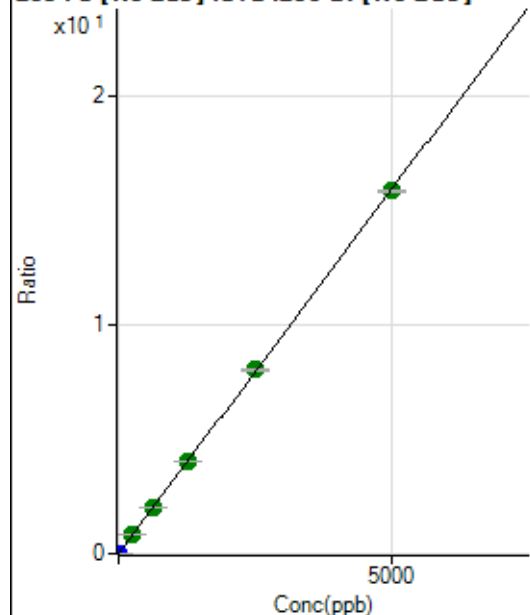
$$DL = 0.01724$$

$$BEC = 0.1351$$

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	5619.42	0.0004	P	3.3
2	☐	1.000	0.889	43760.33	0.0033	P	1.9
3	☐	250.000	255.407	10845111.52	0.8138	A	0.6
4	☐	625.000	633.193	26667182.03	2.0168	A	1.3
5	☐	1250.000	1256.538	53161378.79	4.0018	A	0.3
6	☐	2500.000	2529.591	105189001.21	8.0559	A	0.7
7	☐	5000.000	4982.276	207171730.25	15.8664	A	0.9
8	☐			145658.00	0.0134	P	1.4

$$y = 0.0032 * x + 4.1960E-004$$

$$R = 1.0000$$

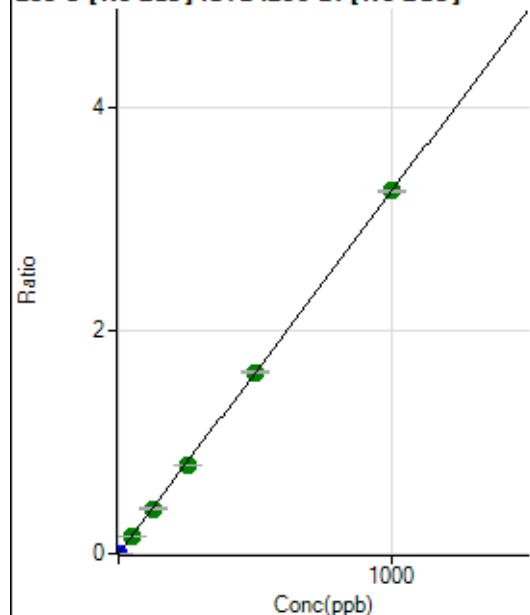
$$DL = 0.01316$$

$$BEC = 0.1318$$

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	1416.76	0.0001	P	5.2
2	☐	1.000	0.837	38004.11	0.0028	P	1.4
3	☐	50.000	48.828	2114826.62	0.1587	A	0.4
4	☐	125.000	123.339	5297492.32	0.4007	A	2.3
5	☐	250.000	245.271	10582696.92	0.7967	A	0.9
6	☐	500.000	499.676	21190654.54	1.6229	A	1.0
7	☐	1000.000	1001.611	42474468.81	3.2529	A	0.8
8	☐			6248.19	0.0006	P	8.6

$$y = 0.0032 * x + 1.0579E-004$$

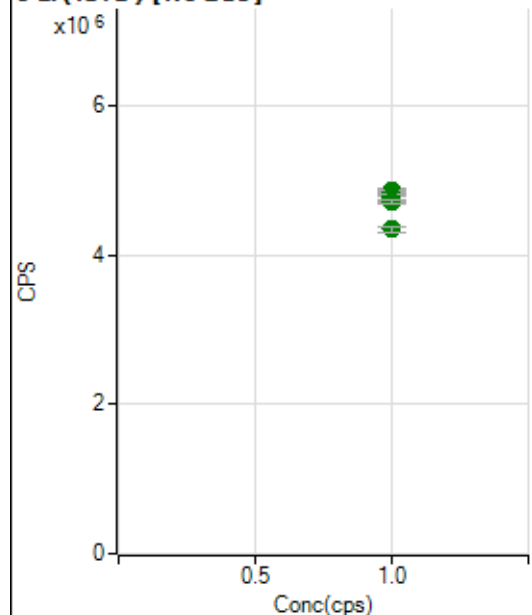
$$R = 1.0000$$

$$DL = 0.005043$$

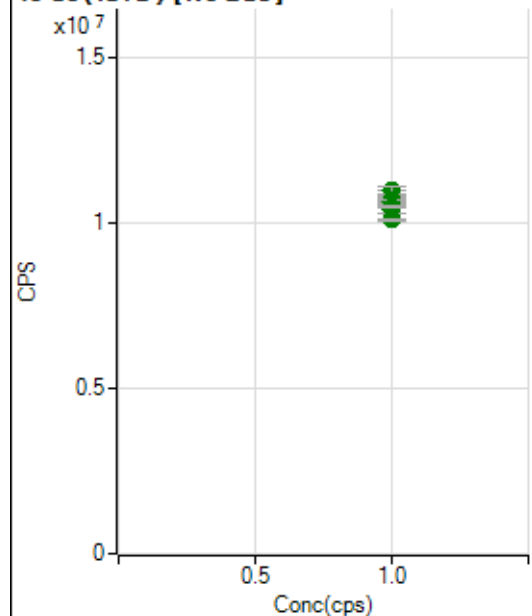
$$BEC = 0.03258$$

Weight: <None>

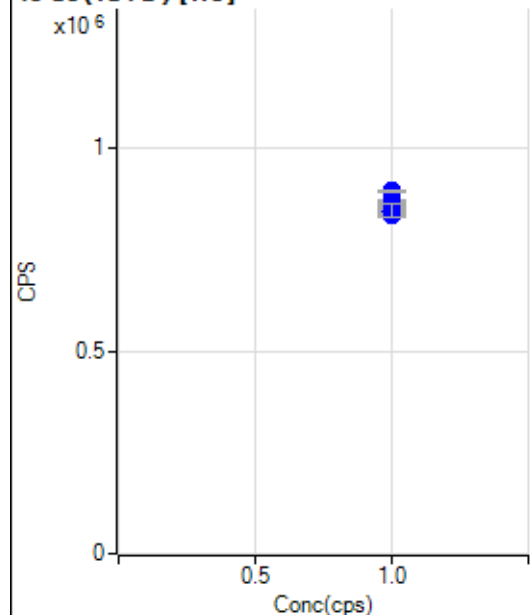
Min Conc: 0

6 Li (ISTD) [No Gas]

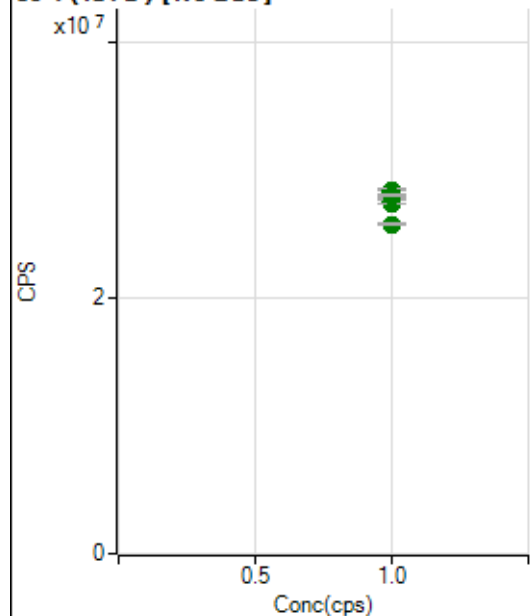
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4856431.14		A	1.1
2	☐	1.000		4837588.71		A	1.6
3	☐	1.000		4830096.11		A	1.1
4	☐	1.000		4752483.85		A	1.5
5	☐	1.000		4779118.92		A	1.5
6	☐	1.000		4710702.88		A	0.8
7	☐	1.000		4707335.14		A	1.0
8	☐	1.000		4339644.94		A	1.7

45 Sc (ISTD) [No Gas]

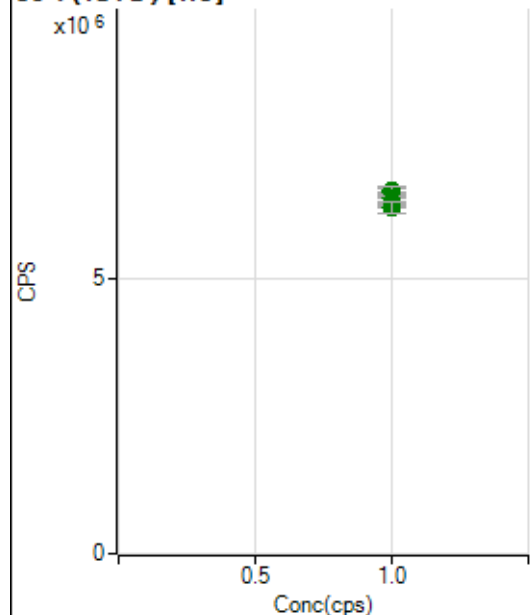
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10893091.50		A	1.2
2	☐	1.000		10962465.39		A	2.0
3	☐	1.000		10693518.17		A	1.5
4	☐	1.000		10653152.90		A	1.1
5	☐	1.000		10406936.30		A	2.1
6	☐	1.000		10285304.15		A	0.4
7	☐	1.000		10479799.77		A	0.7
8	☐	1.000		10095507.90		A	0.4

45 Sc (ISTD) [He]

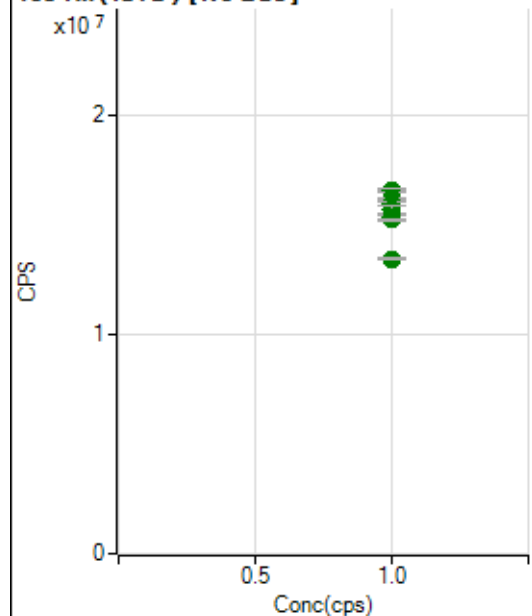
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		895372.72		P	0.1
2	☐	1.000		893393.37		P	0.3
3	☐	1.000		869664.80		P	0.5
4	☐	1.000		862138.63		P	0.6
5	☐	1.000		851617.63		P	0.3
6	☐	1.000		836454.07		P	0.4
7	☐	1.000		846150.40		P	0.3
8	☐	1.000		846674.72		P	3.6

89 Y (ISTD) [No Gas]

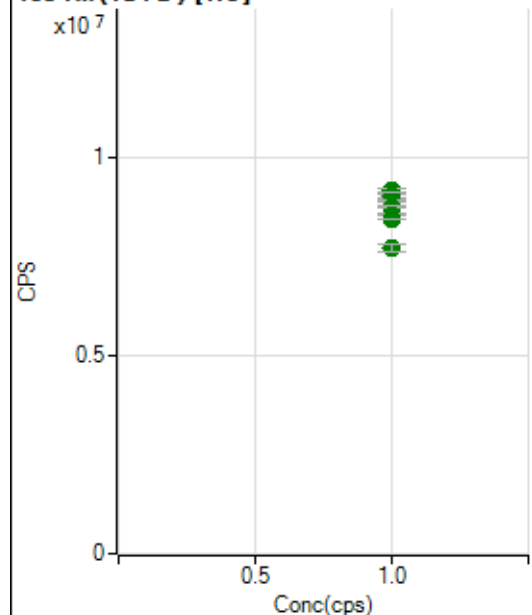
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28278819.02		A	1.5
2	☐	1.000		28361474.30		A	1.5
3	☐	1.000		27981865.42		A	0.6
4	☐	1.000		27840083.20		A	0.7
5	☐	1.000		27440389.87		A	1.1
6	☐	1.000		27328819.04		A	0.2
7	☐	1.000		28010427.36		A	0.6
8	☐	1.000		25772972.12		A	0.2

89 Y(ISTD) [He]

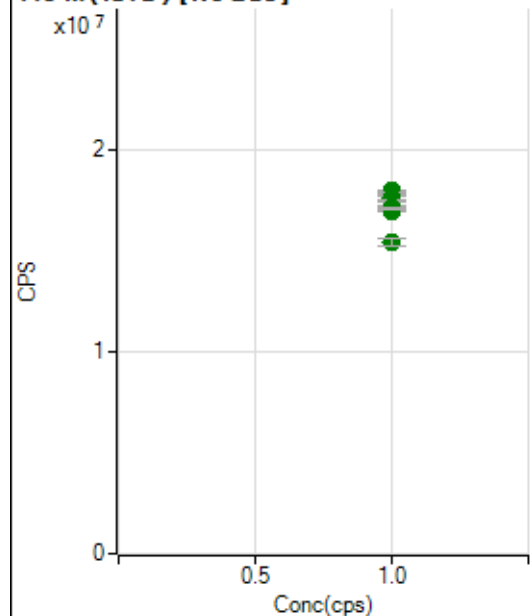
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6563940.39		A	0.0
2	☐	1.000		6577585.11		A	1.5
3	☐	1.000		6553001.85		A	2.7
4	☐	1.000		6433225.60		A	1.2
5	☐	1.000		6382727.33		A	0.3
6	☐	1.000		6297522.13		A	0.2
7	☐	1.000		6374935.04		A	0.4
8	☐	1.000		6272770.46		A	3.0

103 Rh(ISTD) [No Gas]

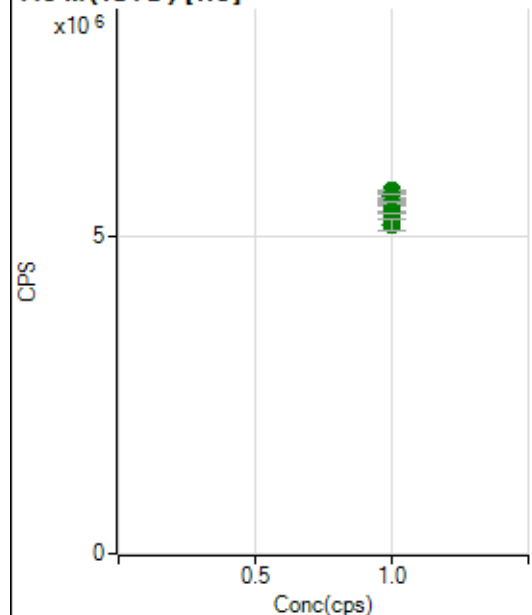
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16506768.50		A	0.3
2	☐	1.000		16515622.81		A	1.2
3	☐	1.000		16172004.06		A	0.4
4	☐	1.000		15957709.48		A	0.9
5	☐	1.000		15667082.27		A	2.0
6	☐	1.000		15285092.69		A	1.1
7	☐	1.000		15220930.47		A	0.6
8	☐	1.000		13413134.52		A	0.7

103 Rh (ISTD) [He]

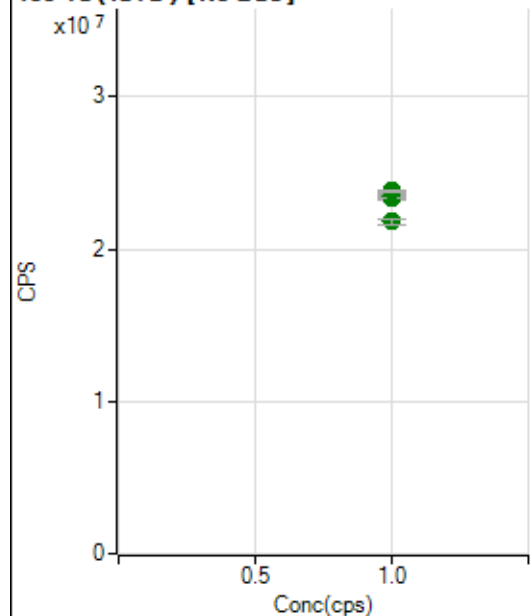
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9081391.32		A	0.3
2	☐	1.000		9137342.30		A	1.2
3	☐	1.000		9015872.44		A	1.7
4	☐	1.000		8875524.17		A	0.5
5	☐	1.000		8735386.33		A	0.5
6	☐	1.000		8533922.93		A	0.6
7	☐	1.000		8424407.10		A	0.2
8	☐	1.000		7710577.11		A	2.8

115 In (ISTD) [No Gas]

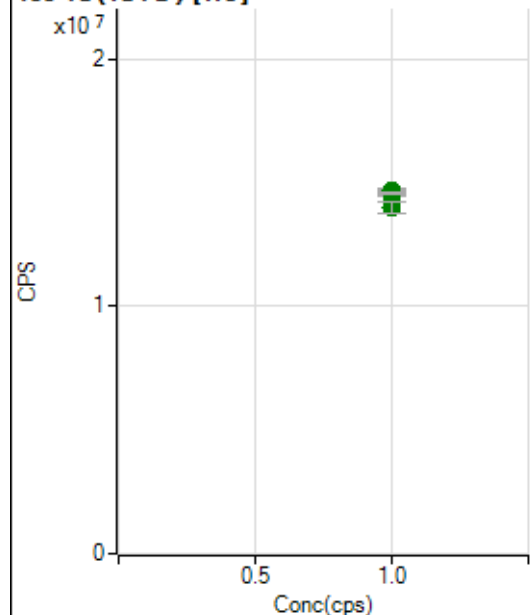
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17955646.01		A	0.6
2	☐	1.000		17866890.27		A	0.7
3	☐	1.000		17620613.08		A	1.0
4	☐	1.000		17466645.33		A	0.8
5	☐	1.000		17152651.28		A	1.3
6	☐	1.000		16966620.03		A	0.6
7	☐	1.000		17057473.19		A	0.5
8	☐	1.000		15453599.75		A	2.3

115 In (ISTD) [He]

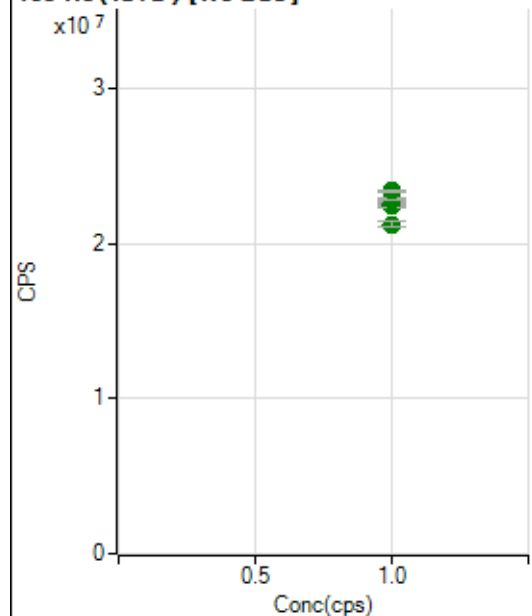
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5651157.00		A	0.8
2	☐	1.000		5734213.18		A	0.6
3	☐	1.000		5659110.34		A	1.2
4	☐	1.000		5543929.49		A	1.5
5	☐	1.000		5545128.67		A	0.5
6	☐	1.000		5396547.21		A	0.3
7	☐	1.000		5373569.72		A	0.2
8	☐	1.000		5194050.23		A	4.0

159 Tb (ISTD) [No Gas]

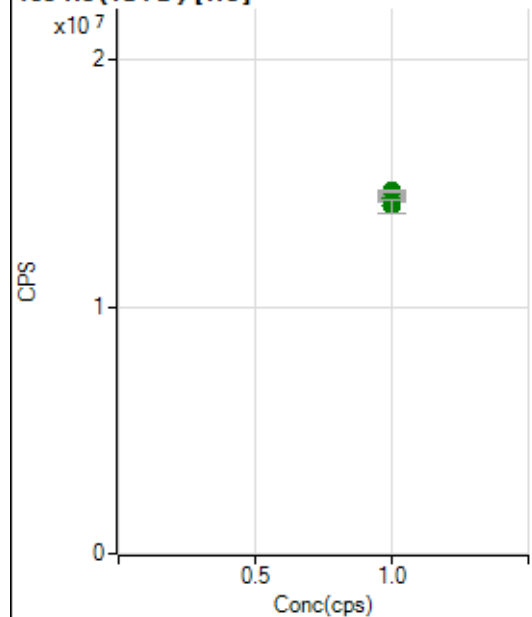
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23429258.26		A	1.2
2	☐	1.000		23467763.26		A	0.4
3	☐	1.000		23348053.54		A	0.6
4	☐	1.000		23336537.43		A	0.9
5	☐	1.000		23480331.59		A	2.1
6	☐	1.000		23461435.76		A	1.0
7	☐	1.000		23818167.42		A	0.5
8	☐	1.000		21814843.01		A	1.8

159 Tb (ISTD) [He]

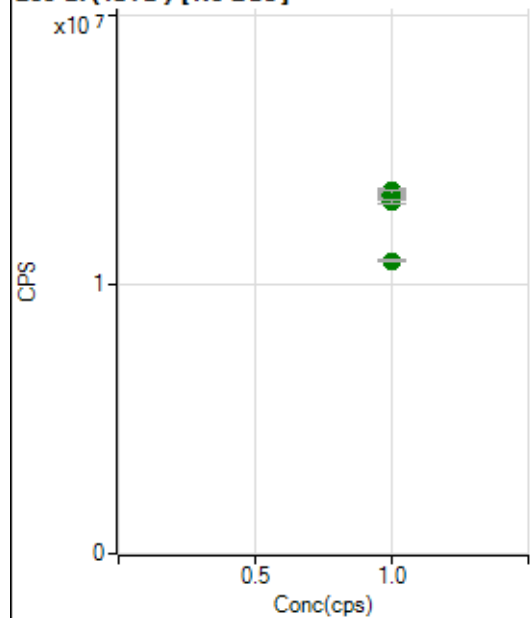
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14509713.67		A	1.3
2	☐	1.000		14510170.48		A	0.5
3	☐	1.000		14509244.23		A	1.3
4	☐	1.000		14601652.00		A	0.8
5	☐	1.000		14654553.25		A	1.3
6	☐	1.000		14452631.59		A	0.5
7	☐	1.000		14578757.01		A	0.3
8	☐	1.000		13999073.12		A	3.6

165 Ho (ISTD) [No Gas]

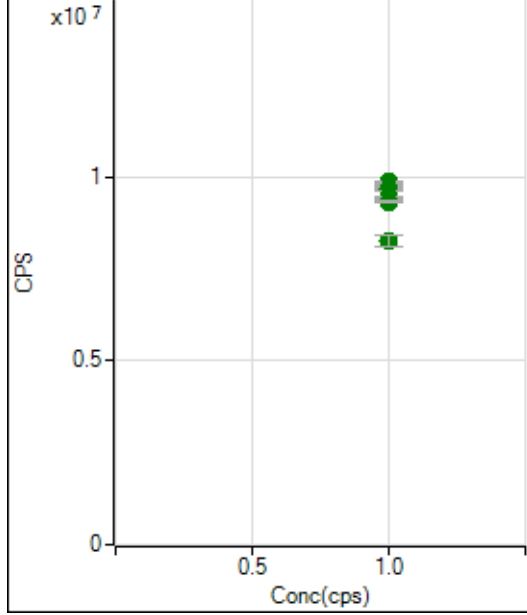
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		22786633.00		A	0.7
2	☐	1.000		22874964.38		A	1.0
3	☐	1.000		22482317.45		A	1.4
4	☐	1.000		22651634.66		A	1.3
5	☐	1.000		22505243.83		A	1.5
6	☐	1.000		22899867.16		A	0.5
7	☐	1.000		23419612.98		A	0.7
8	☐	1.000		21271067.18		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14488457.98		A	1.3
2	☐	1.000		14484422.84		A	1.2
3	☐	1.000		14414741.17		A	2.0
4	☐	1.000		14532455.20		A	0.3
5	☐	1.000		14615786.17		A	0.7
6	☐	1.000		14445026.31		A	0.0
7	☐	1.000		14688873.95		A	0.2
8	☐	1.000		14064801.87		A	3.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13392181.89		A	1.1
2	☐	1.000		13463726.60		A	1.7
3	☐	1.000		13327380.22		A	1.0
4	☐	1.000		13222841.75		A	0.6
5	☐	1.000		13283793.00		A	2.6
6	☐	1.000		13057011.47		A	0.8
7	☐	1.000		13057434.80		A	0.8
8	☐	1.000		10873021.02		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9827974.37		A	0.8
2	☐	1.000		9865096.03		A	0.6
3	☐	1.000		9742124.72		A	1.3
4	☐	1.000		9675124.09		A	1.4
5	☐	1.000		9619757.29		A	0.3
6	☐	1.000		9445269.37		A	0.6
7	☐	1.000		9332003.54		A	0.4
8	☐	1.000		8264063.56		A	4.1