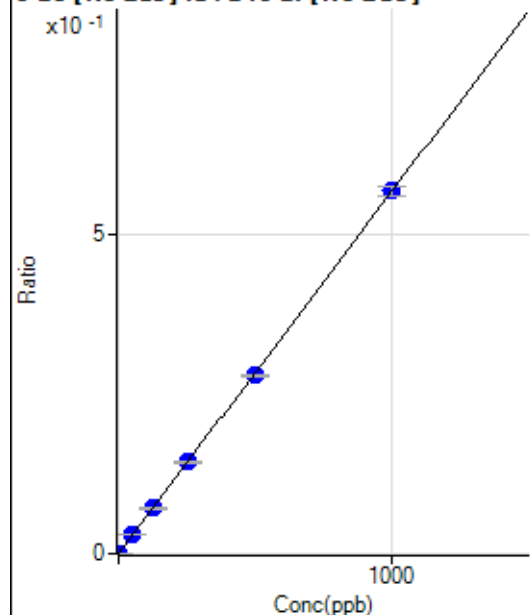


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041820-MS.b\
 Analysis File: P8041820-MS.batch.bin
 DA Date-Time: 2020-04-18 17:07:57
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-04-18 13:41:04
2	007CALS.d	S02	2020-04-18 13:47:08
3	008CALS.d	S03	2020-04-18 13:50:12
4	009CALS.d	S04	2020-04-18 13:53:12
5	010CALS.d	S05	2020-04-18 13:56:12
6	011CALS.d	S06	2020-04-18 13:59:10
7	012CALS.d	S07	2020-04-18 14:02:11
8	013CALS.d	S08	2020-04-18 14:05:09

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	44.9
2	☐	1.000	1.016	647.89	0.0006	P	3.6
3	☐	50.000	50.729	31322.17	0.0288	P	0.2
4	☐	125.000	125.418	78016.32	0.0712	P	2.1
5	☐	250.000	252.907	155768.70	0.1435	P	0.9
6	☐	500.000	492.434	306739.41	0.2794	P	0.7
7	☐	1000.000	1002.968	606503.67	0.5691	P	2.5
8	☐			157.97	0.0002	P	7.0

$$y = 5.6736\text{E-}004 * x + 1.5485\text{E-}005$$

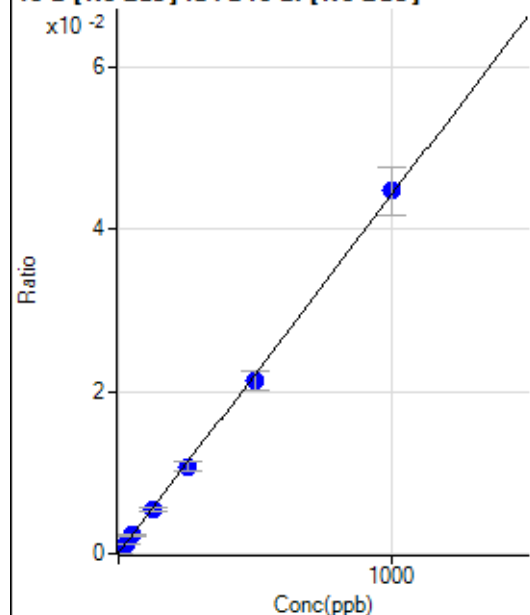
$$R = 1.0000$$

$$DL = 0.03674$$

$$BEC = 0.02729$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.66	0.0000	P	10.5
2	☐	25.000	25.657	1293.81	0.0012	P	7.7
3	☐	50.000	50.313	2471.73	0.0023	P	4.8
4	☐	125.000	122.971	6006.05	0.0055	P	8.7
5	☐	250.000	242.717	11696.39	0.0108	P	11.7
6	☐	500.000	481.831	23418.10	0.0213	P	11.8
7	☐	1000.000	1011.127	47635.68	0.0447	P	12.9
8	☐			8272.06	0.0079	P	12.9

$$y = 4.4199\text{E-}005 * x + 4.8556\text{E-}005$$

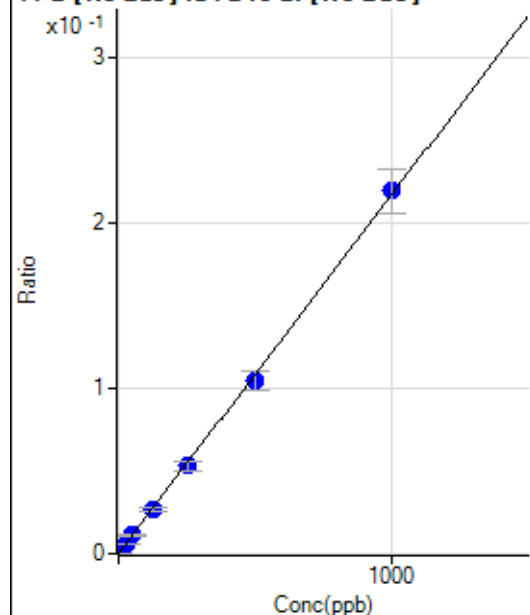
$$R = 0.9997$$

$$DL = 0.3466$$

$$BEC = 1.099$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.96	0.0002	P	16.5
2	☐	25.000	25.017	6119.42	0.0056	P	9.2
3	☐	50.000	50.150	12003.90	0.0110	P	11.0
4	☐	125.000	121.813	29076.94	0.0266	P	10.0
5	☐	250.000	244.158	57567.64	0.0530	P	10.6
6	☐	500.000	481.264	114517.09	0.1044	P	11.6
7	☐	1000.000	1011.219	233333.98	0.2191	P	12.4
8	☐			39699.11	0.0380	P	12.3

$$y = 2.1652\text{E-}004 * x + 1.7719\text{E-}004$$

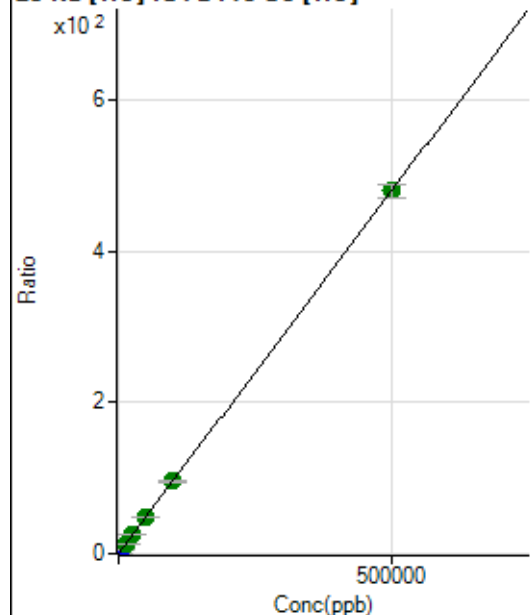
$$R = 0.9997$$

$$DL = 0.4056$$

$$BEC = 0.8184$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16351.17	0.1549	P	1.9
2	☐	500.000	518.005	70442.54	0.6519	P	0.6
3	☐	5000.000	5242.928	555805.97	5.1859	P	0.6
4	☐	12500.000	12749.751	1343782.70	12.3893	A	1.7
5	☐	25000.000	25589.741	2675957.98	24.7103	A	0.5
6	☐	50000.000	49935.691	5118769.47	48.0722	A	1.2
7	☐	100000.00	99644.459	10225610.73	95.7717	A	1.3
8	☐	500000.00	500039.36	48450801.43	479.9829	A	3.9

$$y = 9.5958\text{E-}004 * x + 0.1549$$

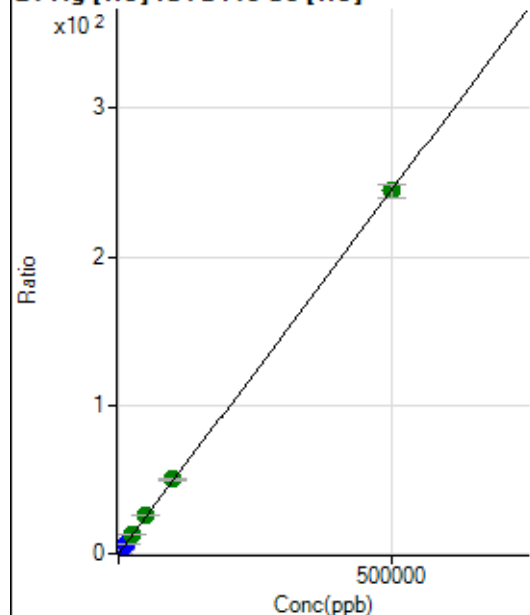
$$R = 1.0000$$

$$DL = 9.133$$

$$BEC = 161.4$$

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	180.56	0.0017	P	18.6
2	☐	500.000	514.211	27381.93	0.2534	P	1.4
3	☐	5000.000	5409.033	283945.64	2.6493	P	0.8
4	☐	12500.000	13321.133	707412.38	6.5221	P	0.8
5	☐	25000.000	26468.127	1402966.39	12.9573	A	1.4
6	☐	50000.000	52065.967	2713665.32	25.4870	A	1.3
7	☐	100000.00	101977.88	5329827.51	49.9179	A	0.8
8	☐	500000.00	499299.78	24670582.84	244.3991	A	3.9

$$y = 4.8948\text{E-}004 * x + 0.0017$$

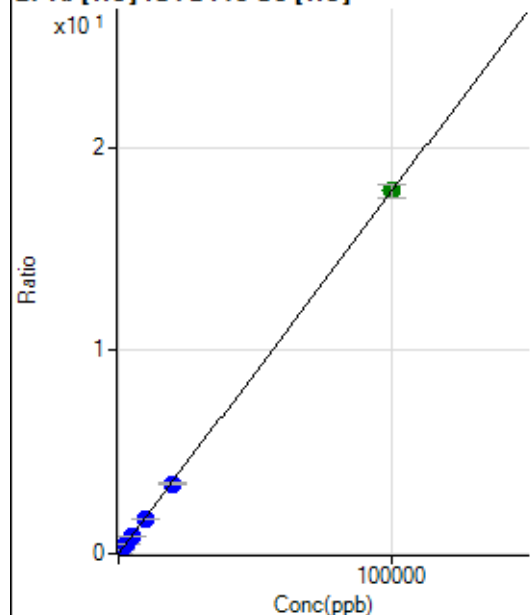
R = 1.0000

DL = 1.944

BEC = 3.493

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	285.95	0.0027	P	5.5
2	☐	20.000	17.470	629.22	0.0058	P	8.0
3	☐	1000.000	983.229	19083.36	0.1781	P	0.9
4	☐	2500.000	2457.771	47836.51	0.4410	P	0.5
5	☐	5000.000	4872.368	94402.43	0.8717	P	0.4
6	☐	10000.000	9699.659	184478.23	1.7326	P	0.4
7	☐	20000.000	19279.011	367398.47	3.4410	P	1.0
8	☐	100000.00	100181.83	1803884.04	17.8693	A	3.7

$$y = 1.7834\text{E-}004 * x + 0.0027$$

R = 1.0000

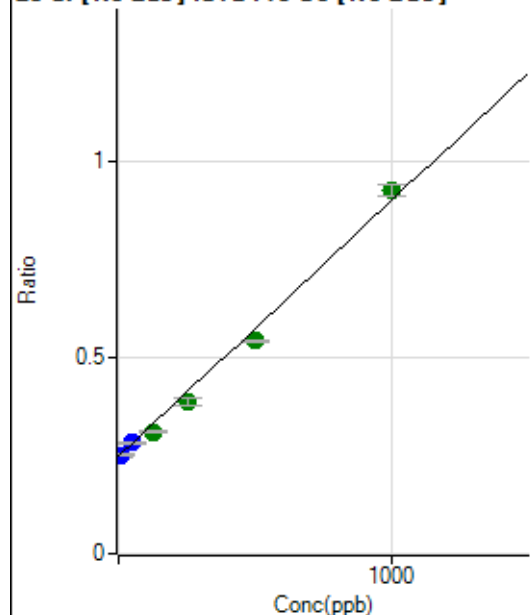
DL = 2.519

BEC = 15.18

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	767237.91	0.2492	P	1.7
2	☐	10.000	4.340	787265.14	0.2520	P	1.1
3	☐	50.000	52.752	881140.39	0.2836	P	1.0
4	☐	125.000	95.765	975916.89	0.3117	A	0.8
5	☐	250.000	215.105	1214262.01	0.3897	A	5.1
6	☐	500.000	450.684	1699351.88	0.5435	A	0.8
7	☐	1000.000	1036.955	2907332.96	0.9264	A	3.2
8	☐			963454.34	0.3206	A	3.2

$$y = 6.5303\text{E-}004 * x + 0.2492$$

$$R = 0.9974$$

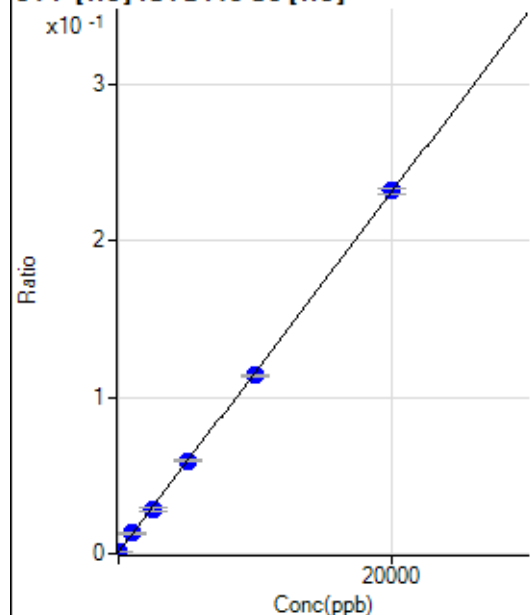
$$DL = 19.73$$

$$BEC = 381.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.127	88.89	0.0008	P	20.0
2	☐	0.000	18.127	136.11	0.0013	P	19.5
3	☐	1000.000	1032.806	1386.21	0.0129	P	3.4
4	☐	2500.000	2345.119	3039.29	0.0280	P	7.0
5	☐	5000.000	5090.154	6454.39	0.0596	P	1.7
6	☐	10000.000	9840.501	12166.53	0.1143	P	1.1
7	☐	20000.000	20074.931	24771.70	0.2320	P	1.7
8	☐			122.23	0.0012	P	25.6

$$y = 1.1505\text{E-}005 * x + 0.0011$$

$$R = 0.9999$$

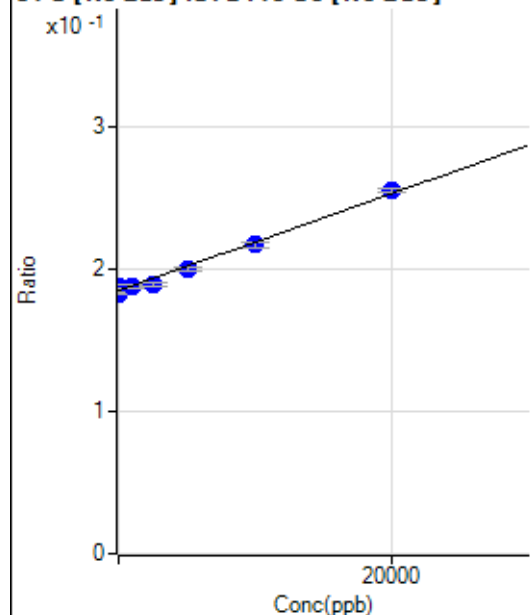
$$DL = 53.87$$

$$BEC = 91.33$$

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	682.099	577600.29	0.1876	P	1.9
2	☐	0.000	-682.099	571495.55	0.1830	P	0.8
3	☐	1000.000	828.600	584342.83	0.1881	P	1.3
4	☐	2500.000	1392.076	594880.84	0.1900	P	1.5
5	☐	5000.000	4438.597	624875.02	0.2004	P	1.9
6	☐	10000.000	9504.770	680519.87	0.2177	P	1.8
7	☐	20000.000	20535.026	801259.71	0.2554	P	1.2
8	☐			538140.47	0.1791	P	1.1

$$y = 3.4126\text{E-}006 * x + 0.1853$$

$$R = 0.9967$$

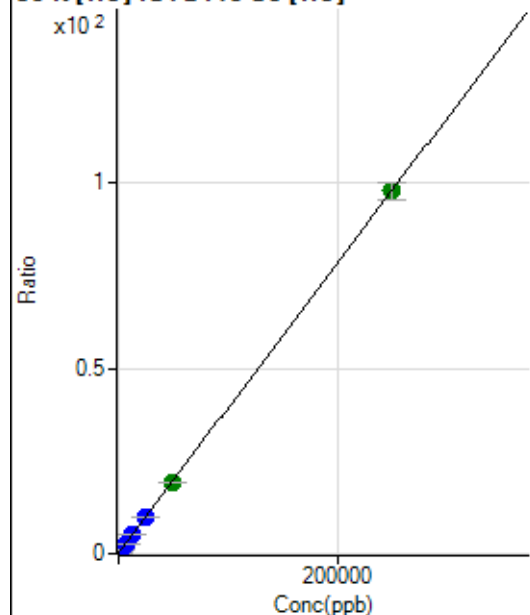
$$DL = 2205$$

$$BEC = 5.429\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18509.50	0.1753	P	0.9
2	☐	500.000	483.208	39340.22	0.3641	P	0.9
3	☐	2500.000	2547.495	125457.07	1.1706	P	1.0
4	☐	6250.000	6248.464	283792.27	2.6166	P	1.7
5	☐	12500.000	12494.526	547586.94	5.0569	P	1.2
6	☐	25000.000	24922.367	1055467.56	9.9124	P	0.4
7	☐	50000.000	48452.911	2039987.35	19.1058	A	1.2
8	☐	250000.00	250317.05	9887379.39	97.9739	A	4.6

$$y = 3.9070\text{E-}004 * x + 0.1753$$

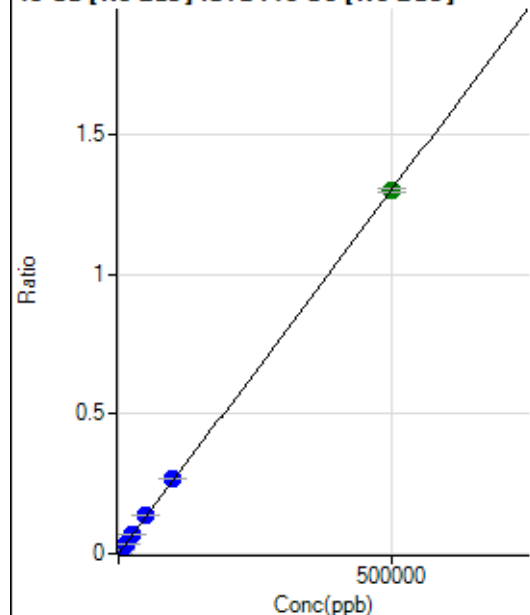
$$R = 1.0000$$

$$DL = 12.07$$

$$BEC = 448.6$$

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	488.91	0.0002	P	28.3
2	☐	500.000	517.239	4698.12	0.0015	P	2.8
3	☐	5000.000	5290.105	43232.24	0.0139	P	0.6
4	☐	12500.000	13219.272	108129.89	0.0345	P	1.2
5	☐	25000.000	26259.339	213414.77	0.0685	P	2.2
6	☐	50000.000	51844.282	421987.30	0.1350	P	0.8
7	☐	100000.00	103622.90	846140.09	0.2696	P	0.6
8	☐	500000.00	499007.12	3899941.23	1.2979	A	0.9

$$y = 2.6007\text{E-}006 * x + 1.5864\text{E-}004$$

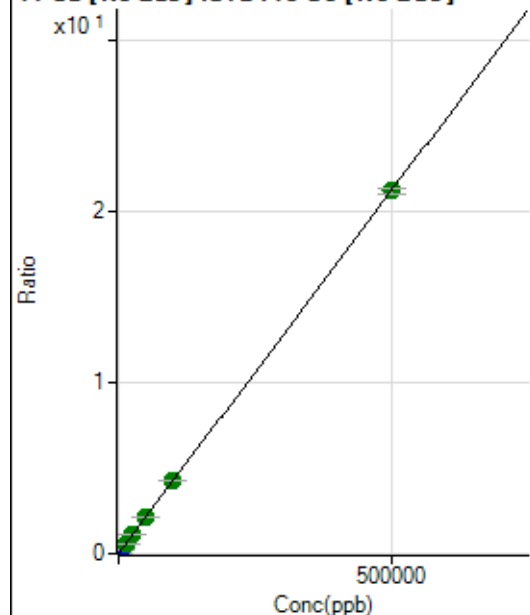
$$R = 1.0000$$

$$DL = 51.79$$

$$BEC = 61$$

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	20676.49	0.0067	P	3.0
2	☐	500.000	510.799	88541.65	0.0283	P	1.1
3	☐	5000.000	5297.731	717732.57	0.2310	P	0.6
4	☐	12500.000	12931.670	1735176.21	0.5543	A	1.6
5	☐	25000.000	25677.191	3410636.32	1.0940	A	2.1
6	☐	50000.000	50937.856	6763709.35	2.1636	A	0.8
7	☐	100000.00	100762.37	13408441.62	4.2733	A	1.4
8	☐	500000.00	499706.10	63594698.64	21.1656	A	1.4

$$y = 4.2343\text{E-}005 * x + 0.0067$$

$$R = 1.0000$$

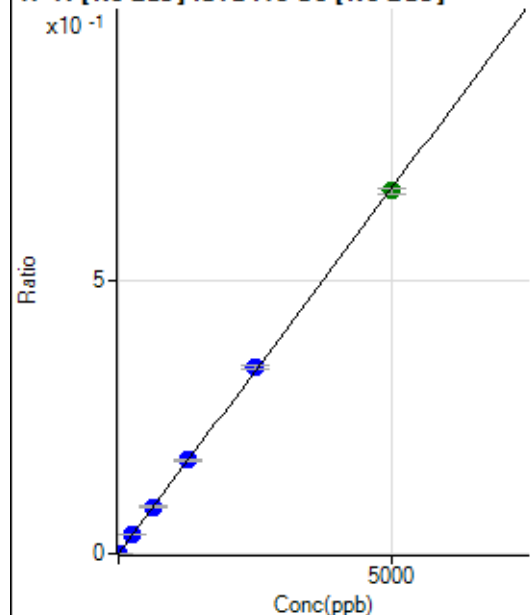
$$DL = 14.08$$

$$BEC = 158.6$$

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	694.48	0.0002	P	14.2
2	☐	5.000	4.971	2778.12	0.0009	P	4.4
3	☐	250.000	253.323	105841.94	0.0341	P	1.6
4	☐	625.000	641.862	269189.47	0.0860	P	0.9
5	☐	1250.000	1285.923	536368.26	0.1720	P	2.1
6	☐	2500.000	2544.375	1063344.16	0.3402	P	1.8
7	☐	5000.000	4966.558	2083103.04	0.6638	A	1.8
8	☐			1809.67	0.0006	P	79.6

$$y = 1.3361\text{E-}004 * x + 2.2532\text{E-}004$$

$$R = 0.9999$$

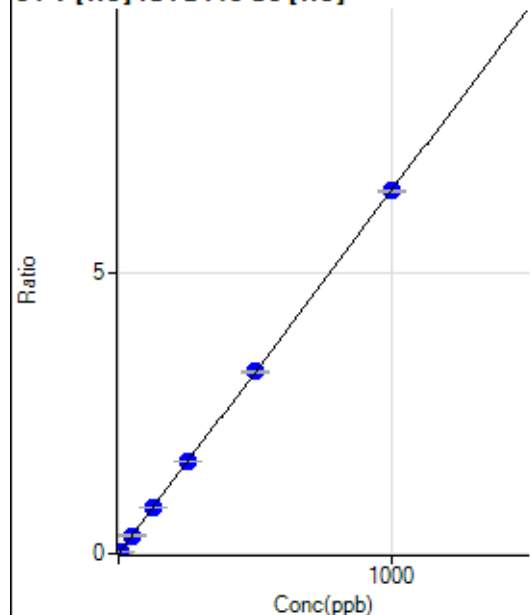
$$DL = 0.716$$

$$BEC = 1.686$$

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	11.11	0.0001	P	68.6
2	☐	5.000	5.229	3658.29	0.0339	P	5.1
3	☐	50.000	50.169	34718.76	0.3239	P	0.6
4	☐	125.000	125.801	88087.70	0.8121	P	0.5
5	☐	250.000	253.171	176966.35	1.6343	P	1.0
6	☐	500.000	500.382	343905.51	3.2300	P	1.2
7	☐	1000.000	998.907	688459.67	6.4478	P	0.2
8	☐			294.45	0.0029	P	12.7

$$y = 0.0065 * x + 1.0497\text{E-}004$$

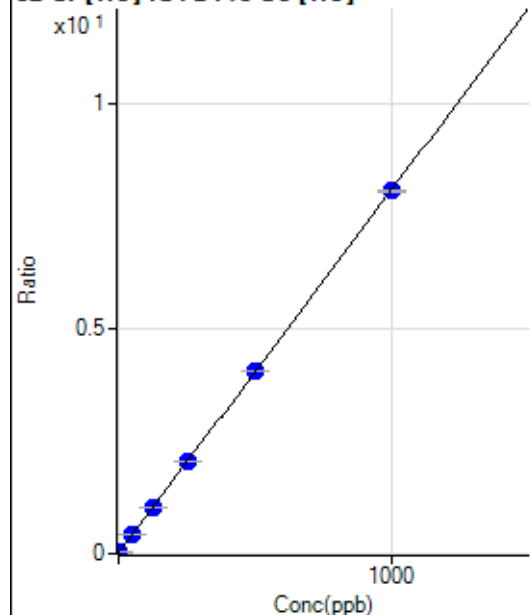
$$R = 1.0000$$

$$DL = 0.03349$$

$$BEC = 0.01626$$

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	1052.28	0.0100	P	2.5
2	☐	2.000	2.129	2935.89	0.0272	P	3.4
3	☐	50.000	50.782	45062.87	0.4205	P	0.9
4	☐	125.000	126.653	112124.00	1.0337	P	0.7
5	☐	250.000	253.029	222530.57	2.0553	P	1.7
6	☐	500.000	502.734	433756.93	4.0738	P	0.6
7	☐	1000.000	997.630	862114.41	8.0742	P	0.4
8	☐			24813.81	0.2458	P	3.2

$$y = 0.0081 * x + 0.0100$$

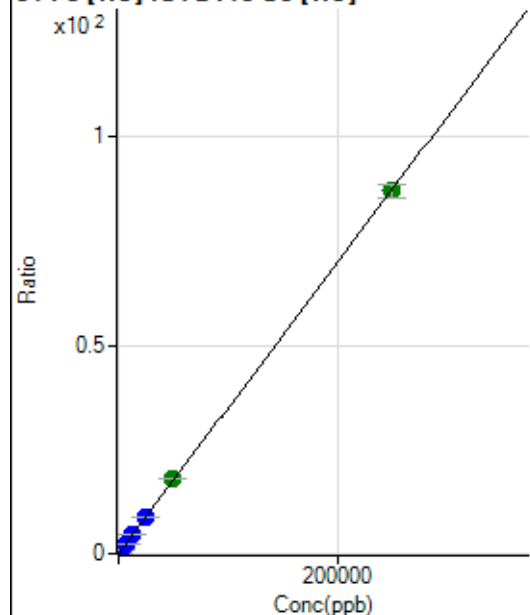
$$R = 1.0000$$

$$DL = 0.09194$$

$$BEC = 1.233$$

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	411.12	0.0039	P	9.6
2	☐	50.000	51.539	2361.35	0.0219	P	9.7
3	☐	2500.000	2579.455	96758.72	0.9028	P	0.4
4	☐	6250.000	6338.585	239997.78	2.2128	P	1.4
5	☐	12500.000	12710.009	480035.46	4.4331	P	1.1
6	☐	25000.000	25516.189	947200.13	8.8958	P	0.6
7	☐	50000.000	51429.681	1914070.27	17.9262	A	0.5
8	☐	250000.00	249648.93	8783438.10	87.0019	A	3.6

$$y = 3.4848E-004 * x + 0.0039$$

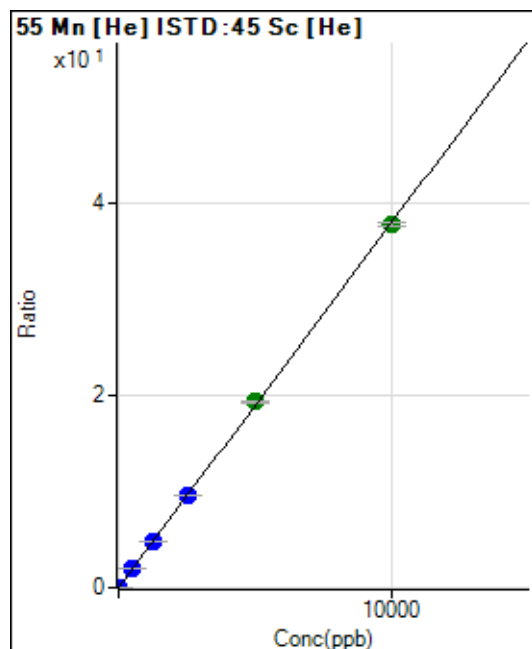
$$R = 1.0000$$

$$DL = 3.211$$

$$BEC = 11.17$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0008	P	13.0
2	☐	1.000	1.050	513.35	0.0048	P	9.7
3	☐	500.000	509.945	207283.93	1.9341	P	0.6
4	☐	1250.000	1257.236	517074.22	4.7672	P	0.5
5	☐	2500.000	2530.956	1039085.51	9.5960	P	1.1
6	☐	5000.000	5097.855	2057971.05	19.3276	A	0.6
7	☐	10000.000	9941.932	4024511.33	37.6922	A	1.2
8	☐			6284.77	0.0623	P	4.5

$$y = 0.0038 * x + 7.6839E-004$$

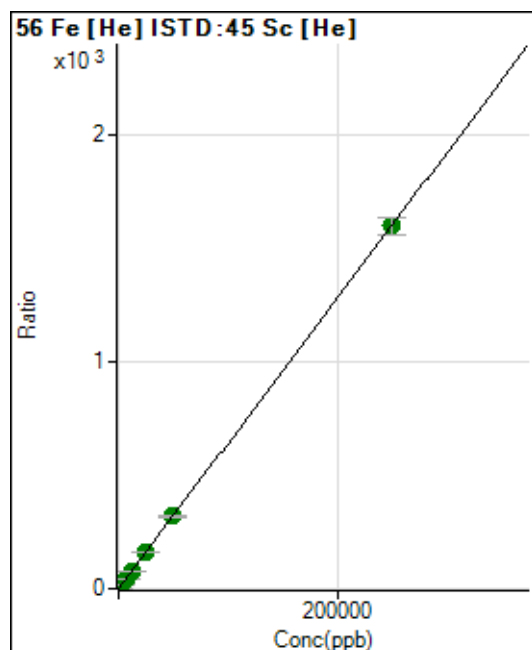
$$R = 0.9999$$

$$DL = 0.07883$$

$$BEC = 0.2027$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3200.42	0.0303	P	6.0
2	☐	50.000	52.095	39319.21	0.3639	P	0.7
3	☐	2500.000	2537.725	1744816.95	16.2799	A	0.5
4	☐	6250.000	6217.021	4320969.65	39.8392	A	1.8
5	☐	12500.000	12404.242	8603933.18	79.4573	A	1.3
6	☐	25000.000	24912.865	16988609.75	159.5526	A	1.1
7	☐	50000.000	49792.061	34045518.59	318.8594	A	0.5
8	☐	250000.00	250055.53	161599322.1	1,601.188	A	4.5

$$y = 0.0064 * x + 0.0303$$

$$R = 1.0000$$

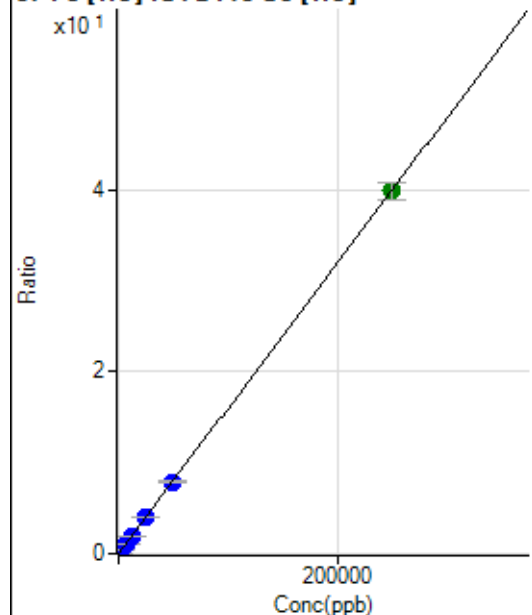
$$DL = 0.8466$$

$$BEC = 4.733$$

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	70.37	0.0007	P	29.3
2	☐	50.000	54.452	1009.31	0.0093	P	12.3
3	☐	2500.000	2516.604	43042.80	0.4016	P	0.2
4	☐	6250.000	6308.127	109076.93	1.0057	P	2.0
5	☐	12500.000	12453.518	214893.02	1.9847	P	1.6
6	☐	25000.000	25160.395	426888.70	4.0092	P	0.4
7	☐	50000.000	49653.723	844728.01	7.9114	P	0.4
8	☐	250000.00	250053.92	4020521.39	39.8388	A	4.7

$$y = 1.5932E-004 * x + 6.6573E-004$$

$$R = 1.0000$$

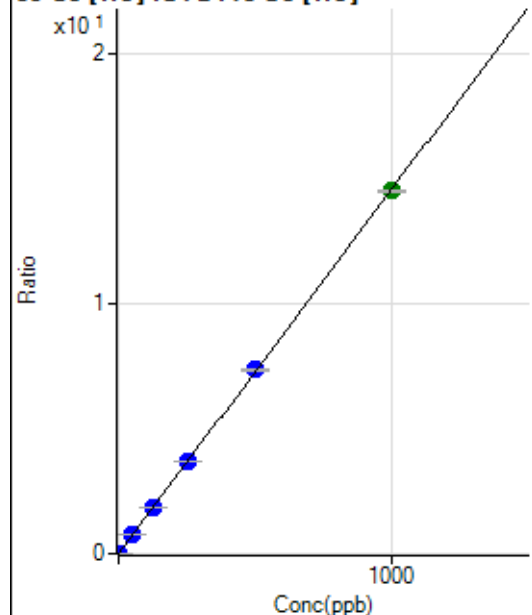
$$DL = 3.672$$

$$BEC = 4.179$$

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	55.56	0.0005	P	27.4
2	☐	1.000	0.989	1611.22	0.0149	P	2.7
3	☐	50.000	50.829	79303.79	0.7399	P	0.4
4	☐	125.000	126.425	199539.48	1.8396	P	0.5
5	☐	250.000	252.507	397824.76	3.6737	P	1.1
6	☐	500.000	505.233	782609.53	7.3501	P	0.5
7	☐	1000.000	996.537	1547900.18	14.4970	A	0.3
8	☐			2680.27	0.0265	P	3.1

$$y = 0.0145 * x + 5.2649E-004$$

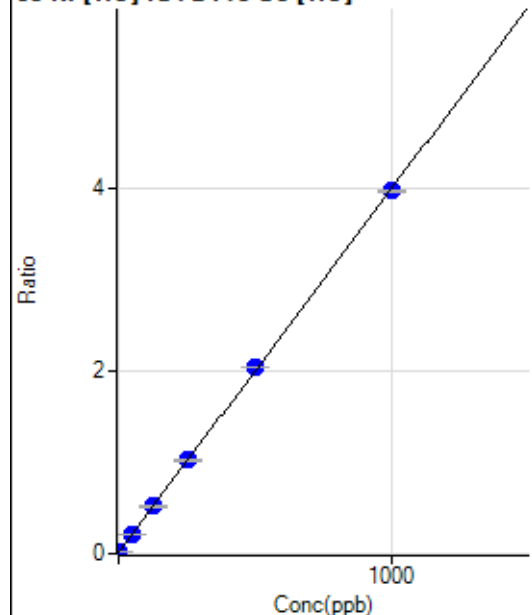
$$R = 1.0000$$

$$DL = 0.0297$$

$$BEC = 0.03619$$

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	1365.64	0.0129	P	6.6
2	☐	1.000	1.052	1850.14	0.0171	P	5.1
3	☐	50.000	51.689	23434.92	0.2187	P	0.1
4	☐	125.000	126.400	55969.55	0.5160	P	0.6
5	☐	250.000	253.235	110540.42	1.0208	P	1.5
6	☐	500.000	509.323	217213.69	2.0400	P	0.6
7	☐	1000.000	994.270	423903.62	3.9701	P	0.3
8	☐			9223.05	0.0914	P	5.7

$$y = 0.0040 * x + 0.0129$$

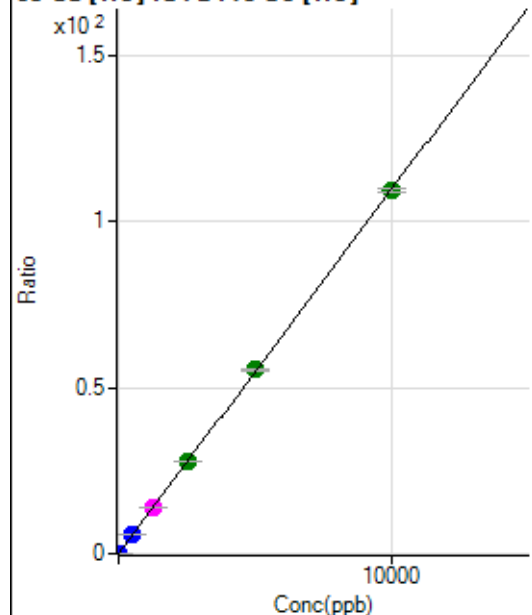
$$R = 0.9999$$

$$DL = 0.6419$$

$$BEC = 3.25$$

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	251.12	0.0024	P	9.0
2	☐	2.000	2.033	2668.05	0.0247	P	3.6
3	☐	500.000	520.767	612730.27	5.7171	P	0.7
4	☐	1250.000	1272.489	1514809.98	13.9662	M	1.0
5	☐	2500.000	2550.209	3030865.79	27.9874	A	0.7
6	☐	5000.000	5044.794	5894842.62	55.3621	A	0.7
7	☐	10000.000	9961.202	11671554.27	109.3129	A	1.1
8	☐			8202.44	0.0813	P	4.6

$$y = 0.0110 * x + 0.0024$$

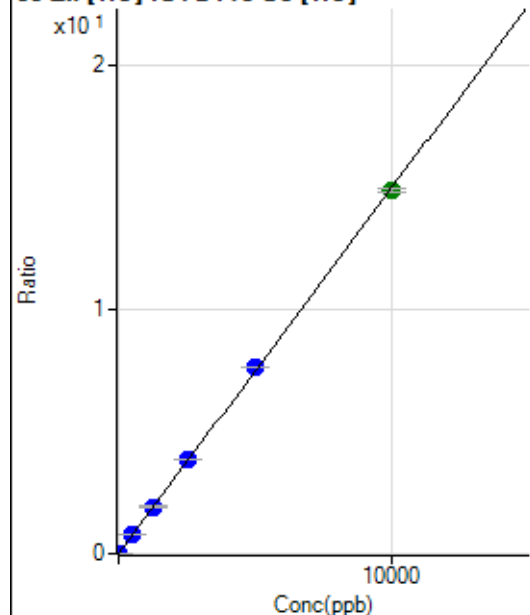
$$R = 1.0000$$

$$DL = 0.05833$$

$$BEC = 0.2167$$

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	86.67	0.0008	P	30.1
2	☐	2.000	2.197	444.46	0.0041	P	6.4
3	☐	500.000	519.603	83583.22	0.7799	P	1.2
4	☐	1250.000	1287.291	209437.60	1.9309	P	0.3
5	☐	2500.000	2565.090	416591.78	3.8468	P	0.6
6	☐	5000.000	5106.622	815328.09	7.6574	P	0.5
7	☐	10000.000	9924.775	1588997.37	14.8815	A	0.9
8	☐			9731.21	0.0964	P	4.4

$$y = 0.0015 * x + 8.1983E-004$$

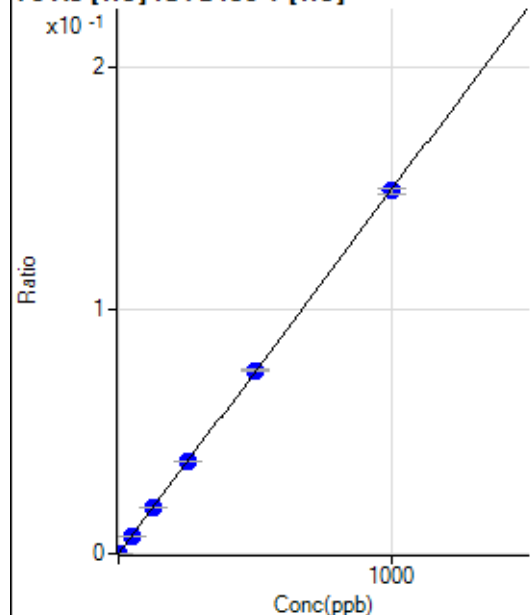
$$R = 0.9999$$

$$DL = 0.4933$$

$$BEC = 0.5468$$

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	5.67	0.0000	P	67.0
2	☐	1.000	0.943	117.68	0.0001	P	4.2
3	☐	50.000	49.729	5936.18	0.0074	P	0.2
4	☐	125.000	126.874	15273.10	0.0190	P	0.7
5	☐	250.000	254.105	30459.06	0.0380	P	0.6
6	☐	500.000	504.081	60041.16	0.0754	P	1.4
7	☐	1000.000	996.712	119409.84	0.1490	P	1.5
8	☐			69.01	0.0001	P	16.5

$$y = 1.4951E-004 * x + 7.2475E-006$$

$$R = 1.0000$$

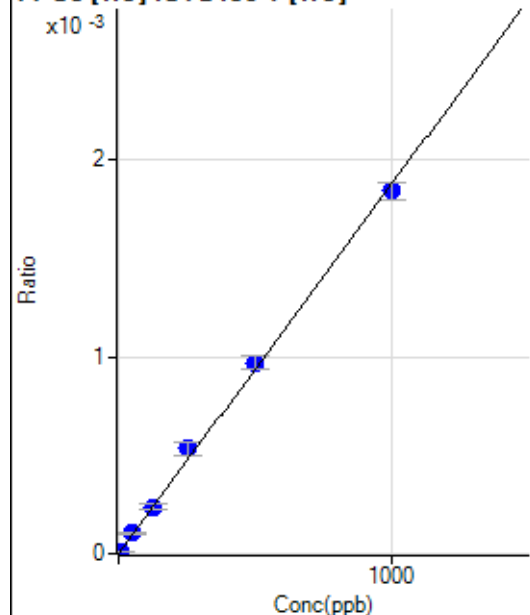
$$DL = 0.09739$$

$$BEC = 0.04847$$

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	0.00	0.0000	P	
2	☐	5.000	4.482	6.67	0.0000	P	49.7
3	☐	50.000	56.484	84.45	0.0001	P	8.0
4	☐	125.000	127.475	192.23	0.0002	P	8.6
5	☐	250.000	285.513	428.90	0.0005	P	12.5
6	☐	500.000	516.215	771.14	0.0010	P	7.0
7	☐	1000.000	982.383	1475.65	0.0018	P	5.0
8	☐			1.11	0.0000	P	173.

$$y = 1.8742\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

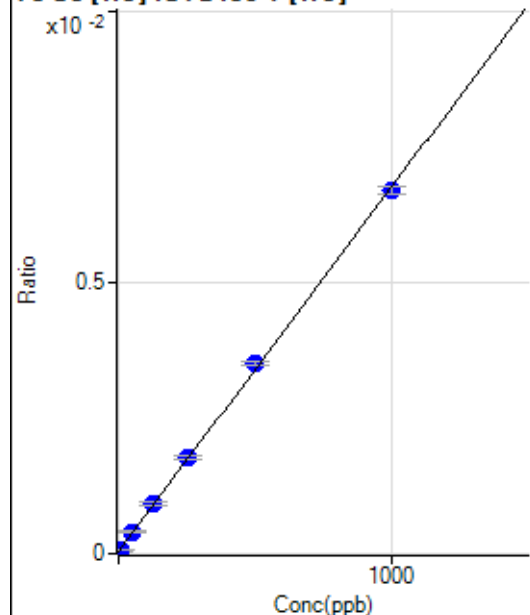
$$DL = 0$$

$$BEC = 0$$

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	31.33	0.0000	P	14.1
2	☐	5.000	6.604	67.01	0.0001	P	8.8
3	☐	50.000	52.767	314.70	0.0004	P	10.1
4	☐	125.000	132.142	747.09	0.0009	P	5.4
5	☐	250.000	255.886	1411.55	0.0018	P	3.7
6	☐	500.000	515.508	2793.23	0.0035	P	1.9
7	☐	1000.000	989.735	5364.24	0.0067	P	2.1
8	☐			37.67	0.0000	P	9.6

$$y = 6.7230\text{E-}006 * x + 4.0031\text{E-}005$$

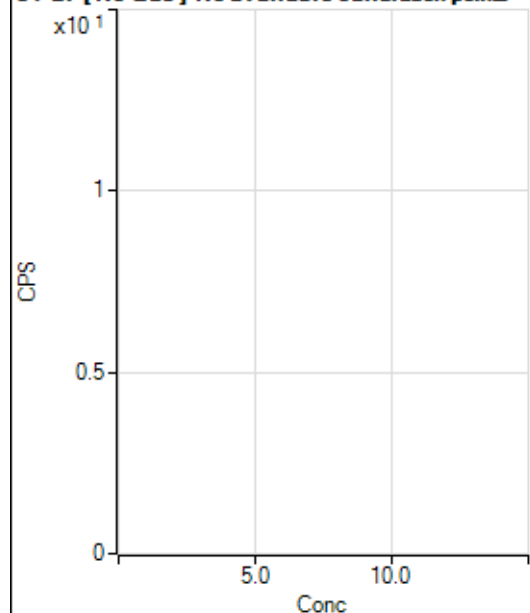
$$R = 0.9998$$

$$DL = 2.519$$

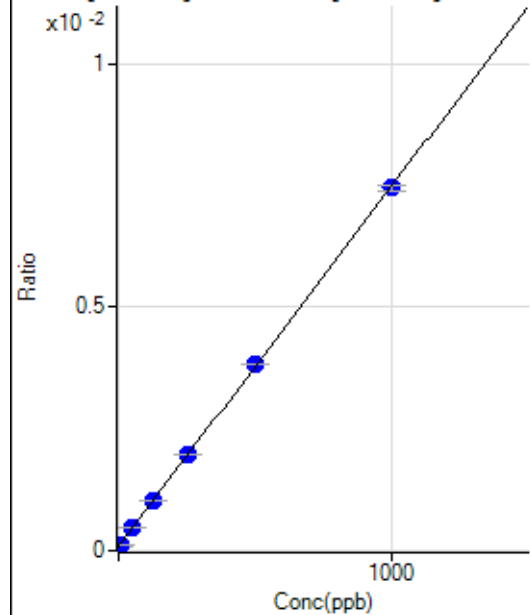
$$BEC = 5.954$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1541.69		P	10.7
2	☐			1571.71		P	7.8
3	☐			1808.66		P	5.9
4	☐			1541.68		P	11.1
5	☐			1805.32		P	6.7
6	☐			1685.17		P	8.2
7	☐			1711.87		P	9.2
8	☐			1715.21		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	610.06	0.0001	P	7.2
2	☐	5.000	5.385	887.24	0.0001	P	1.8
3	☐	50.000	51.407	3194.29	0.0005	P	1.8
4	☐	125.000	127.975	7102.08	0.0010	P	1.5
5	☐	250.000	254.351	13326.77	0.0020	P	1.6
6	☐	500.000	505.240	26187.67	0.0038	P	0.6
7	☐	1000.000	995.848	51052.03	0.0074	P	1.8
8	☐			659.86	0.0001	P	2.7

$$y = 7.3838\text{E-}006 * x + 9.1597\text{E-}005$$

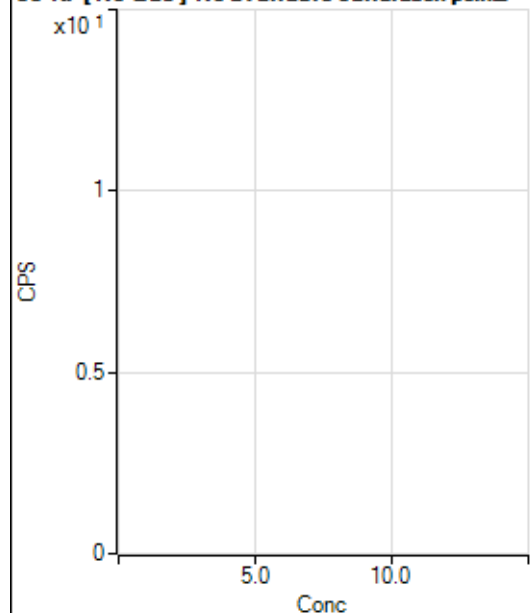
$$R = 1.0000$$

$$DL = 2.664$$

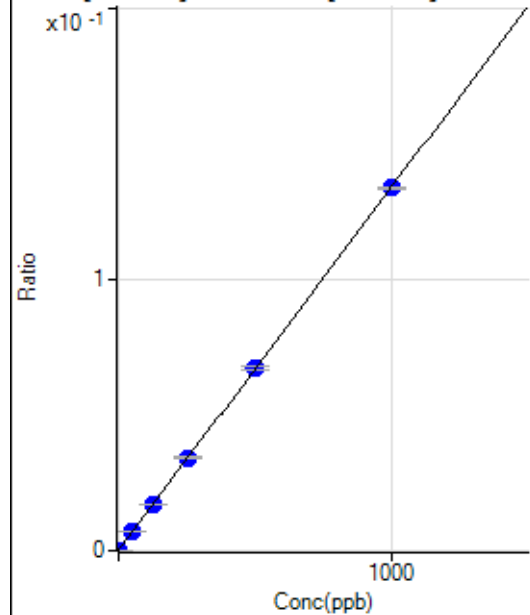
$$BEC = 12.41$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			796.70		P	15.2
2	☐			700.02		P	1.7
3	☐			740.03		P	8.6
4	☐			717.80		P	5.1
5	☐			693.36		P	2.2
6	☐			725.59		P	0.7
7	☐			764.48		P	3.3
8	☐			685.58		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1111.19	0.0002	P	4.1
2	☐	1.000	0.931	1966.86	0.0003	P	0.9
3	☐	50.000	50.548	46948.93	0.0069	P	1.6
4	☐	125.000	125.416	116079.15	0.0169	P	0.9
5	☐	250.000	254.366	231307.20	0.0342	P	2.3
6	☐	500.000	502.003	461106.73	0.0673	P	2.2
7	☐	1000.000	997.827	916414.15	0.1336	P	0.4
8	☐			3105.98	0.0005	P	1.5

$$y = 1.3375E-004 * x + 1.6665E-004$$

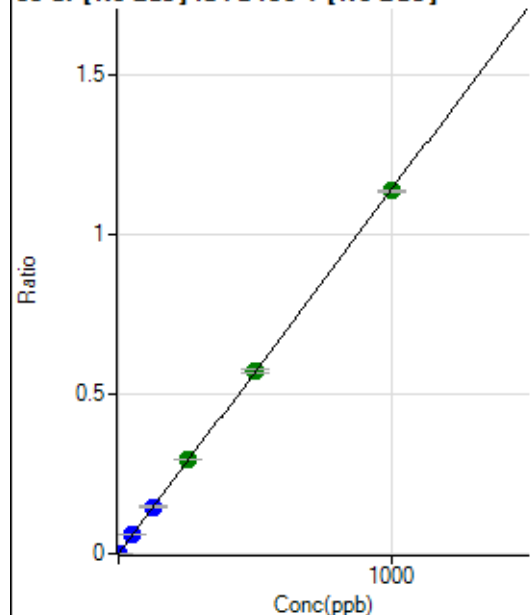
$$R = 1.0000$$

$$DL = 0.1528$$

$$BEC = 1.246$$

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	158.34	0.0000	P	25.2
2	☐	1.000	1.027	8069.20	0.0012	P	0.3
3	☐	50.000	51.743	399873.07	0.0590	P	1.6
4	☐	125.000	128.876	1006665.64	0.1469	P	1.0
5	☐	250.000	259.546	2001821.23	0.2959	A	0.7
6	☐	500.000	501.325	3915036.76	0.5714	A	1.9
7	☐	1000.000	996.379	7788976.48	1.1357	A	0.3
8	☐			17252.75	0.0026	P	0.6

$$y = 0.0011 * x + 2.3805E-005$$

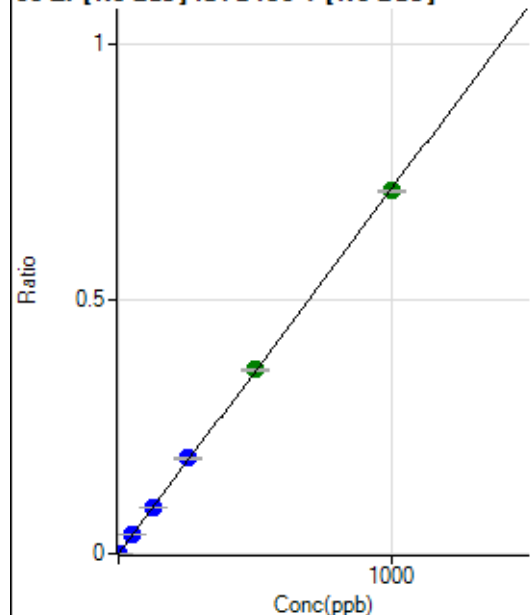
$$R = 0.9999$$

$$DL = 0.01579$$

$$BEC = 0.02089$$

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	280.56	0.0000	P	20.1
2	☐	1.000	0.955	4912.14	0.0007	P	2.4
3	☐	50.000	51.700	251496.48	0.0371	P	1.8
4	☐	125.000	127.542	626857.70	0.0915	P	1.6
5	☐	250.000	261.397	1268107.09	0.1874	P	2.1
6	☐	500.000	504.037	2476057.50	0.3614	A	0.6
7	☐	1000.000	994.730	4890707.14	0.7132	A	0.8
8	☐			1458.45	0.0002	P	7.2

$$y = 7.1689E-004 * x + 4.2153E-005$$

$$R = 0.9999$$

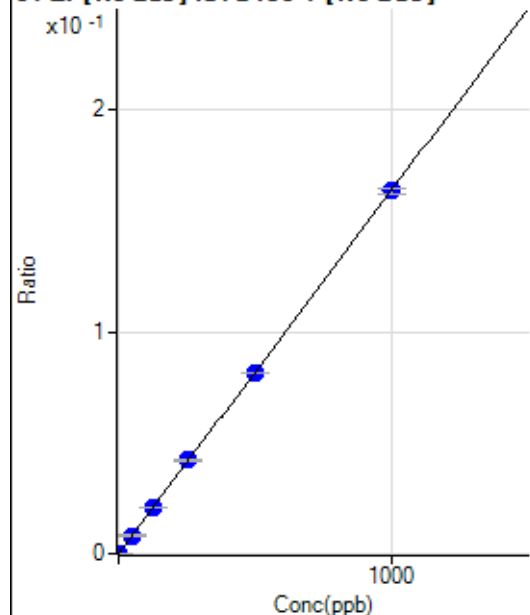
$$DL = 0.03541$$

$$BEC = 0.0588$$

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	58.33	0.0000	P	55.8
2	☐	1.000	0.949	1108.41	0.0002	P	4.7
3	☐	50.000	50.180	55751.28	0.0082	P	2.9
4	☐	125.000	125.947	141382.34	0.0206	P	1.5
5	☐	250.000	257.653	285527.55	0.0422	P	1.2
6	☐	500.000	498.798	559698.64	0.0817	P	0.4
7	☐	1000.000	998.560	1121404.42	0.1635	P	1.3
8	☐			344.46	0.0001	P	22.2

$$y = 1.6375E-004 * x + 8.7071E-006$$

$$R = 1.0000$$

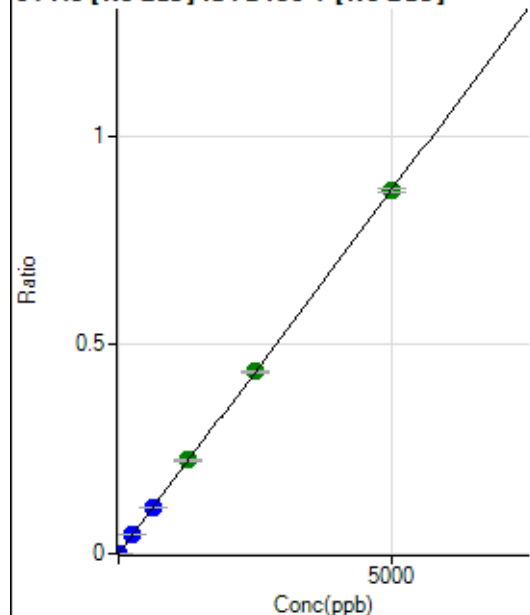
$$DL = 0.08903$$

$$BEC = 0.05317$$

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	125.01	0.0000	P	21.4
2	☐	5.000	5.152	6184.86	0.0009	P	5.6
3	☐	250.000	255.633	301858.64	0.0445	P	1.3
4	☐	625.000	638.646	762181.45	0.1112	P	1.3
5	☐	1250.000	1284.977	1514198.53	0.2238	A	1.3
6	☐	2500.000	2500.337	2983308.81	0.4354	A	1.5
7	☐	5000.000	4989.100	5958427.87	0.8689	A	1.0
8	☐			4609.24	0.0007	P	2.3

$$y = 1.7415E-004 * x + 1.8714E-005$$

$$R = 1.0000$$

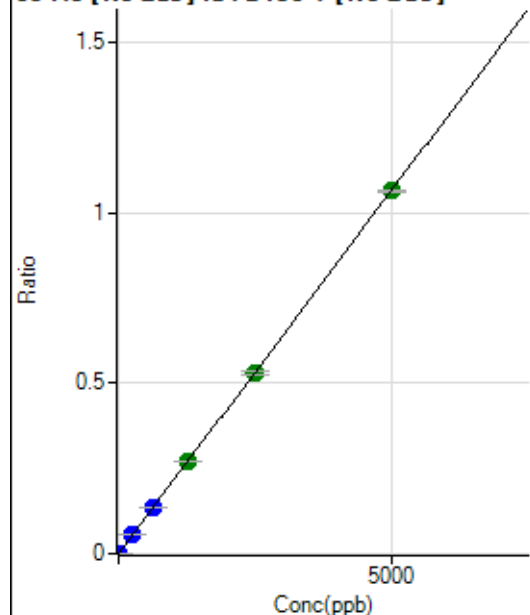
$$DL = 0.06885$$

$$BEC = 0.1075$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	1.6
2	☐	5.000	5.556	7999.74	0.0012	P	3.0
3	☐	250.000	254.794	367744.89	0.0543	P	1.2
4	☐	625.000	638.656	931863.89	0.1360	P	0.9
5	☐	1250.000	1271.167	1831458.37	0.2707	A	1.5
6	☐	2500.000	2496.119	3641259.24	0.5315	A	2.2
7	☐	5000.000	4994.701	7293913.53	1.0636	A	0.8
8	☐			6787.98	0.0010	P	4.0

$$y = 2.1294\text{E-}004 * x + 1.2500\text{E-}006$$

$$R = 1.0000$$

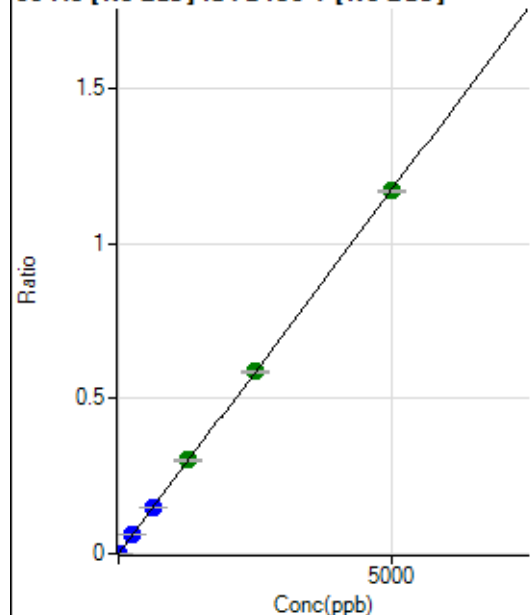
$$DL = 0.000278$$

$$BEC = 0.00587$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	15.9
2	☐	5.000	5.233	8399.97	0.0012	P	0.8
3	☐	250.000	255.616	406845.06	0.0600	P	2.2
4	☐	625.000	637.121	1025095.78	0.1496	P	0.8
5	☐	1250.000	1284.000	2039958.44	0.3015	A	0.9
6	☐	2500.000	2500.680	4022572.92	0.5871	A	1.3
7	☐	5000.000	4989.364	8034222.49	1.1715	A	0.5
8	☐			7463.31	0.0011	P	1.3

$$y = 2.3479\text{E-}004 * x + 1.5030\text{E-}005$$

$$R = 1.0000$$

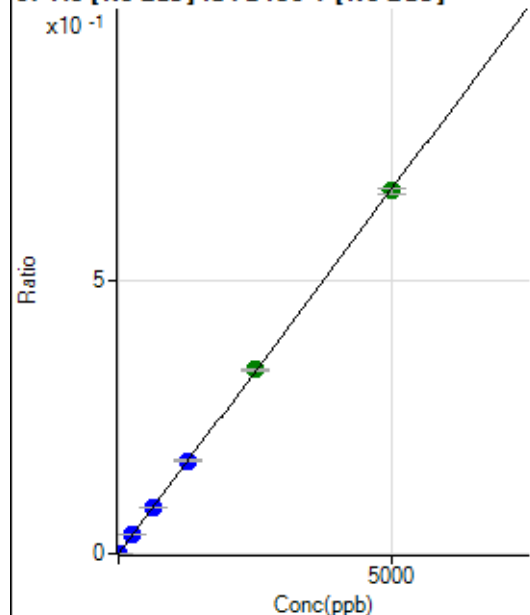
$$DL = 0.03045$$

$$BEC = 0.06402$$

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	13.89	0.0000	P	34.2
2	☐	5.000	5.380	4853.76	0.0007	P	4.0
3	☐	250.000	253.221	228612.94	0.0337	P	1.7
4	☐	625.000	634.289	578904.23	0.0845	P	1.5
5	☐	1250.000	1277.691	1151521.70	0.1702	P	1.9
6	☐	2500.000	2526.585	2305674.94	0.3365	A	1.5
7	☐	5000.000	4978.462	4547505.48	0.6631	A	1.7
8	☐			4086.83	0.0006	P	4.5

$$y = 1.3320\text{E-}004 * x + 2.0809\text{E-}006$$

$$R = 1.0000$$

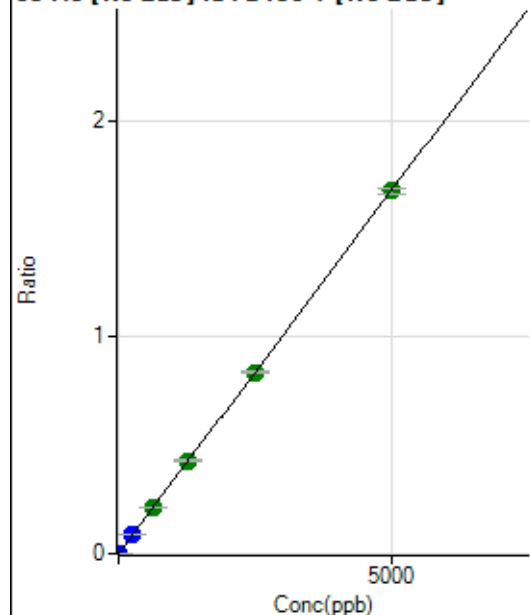
$$DL = 0.01602$$

$$BEC = 0.01562$$

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	30.56	0.0000	P	32.5
2	☐	5.000	5.338	12125.08	0.0018	P	2.9
3	☐	250.000	257.692	585886.09	0.0864	P	1.5
4	☐	625.000	630.124	1448327.16	0.2114	A	1.1
5	☐	1250.000	1282.015	2909755.34	0.4300	A	1.1
6	☐	2500.000	2494.405	5732710.11	0.8367	A	1.0
7	☐	5000.000	4993.768	11487131.16	1.6751	A	1.6
8	☐			10940.71	0.0016	P	1.9

$$y = 3.3544\text{E-}004 * x + 4.5937\text{E-}006$$

$$R = 1.0000$$

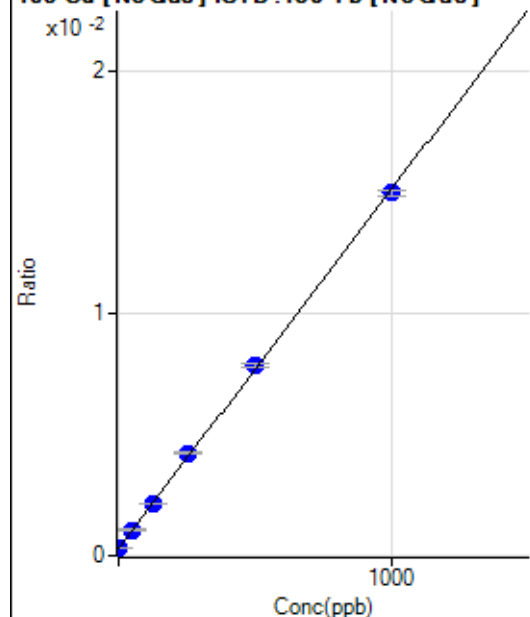
$$DL = 0.01334$$

$$BEC = 0.01369$$

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	1483.45	0.0003	P	10.6
2	☐	1.000	1.727	1608.47	0.0003	P	3.8
3	☐	50.000	51.010	5262.25	0.0011	P	3.0
4	☐	125.000	124.723	10929.60	0.0021	P	1.2
5	☐	250.000	264.601	20997.08	0.0042	P	1.5
6	☐	500.000	512.394	40005.87	0.0079	P	2.0
7	☐	1000.000	990.136	76819.43	0.0149	P	1.5
8	☐			1414.01	0.0003	P	8.5

$$y = 1.4796E-005 * x + 2.9963E-004$$

R = 0.9998

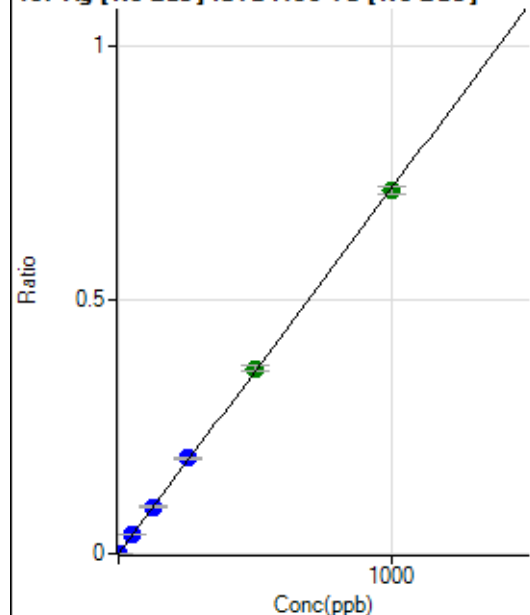
DL = 6.438

BEC = 20.25

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	44.44	0.0000	P	44.8
2	☐	1.000	1.036	3722.83	0.0008	P	5.3
3	☐	50.000	52.367	187738.01	0.0376	P	1.6
4	☐	125.000	128.735	471155.19	0.0925	P	1.0
5	☐	250.000	262.655	939734.17	0.1886	P	2.1
6	☐	500.000	505.964	1844298.65	0.3634	A	3.3
7	☐	1000.000	993.269	3665307.68	0.7134	A	2.0
8	☐			969.52	0.0002	P	16.6

$$y = 7.1818E-004 * x + 9.0056E-006$$

R = 0.9999

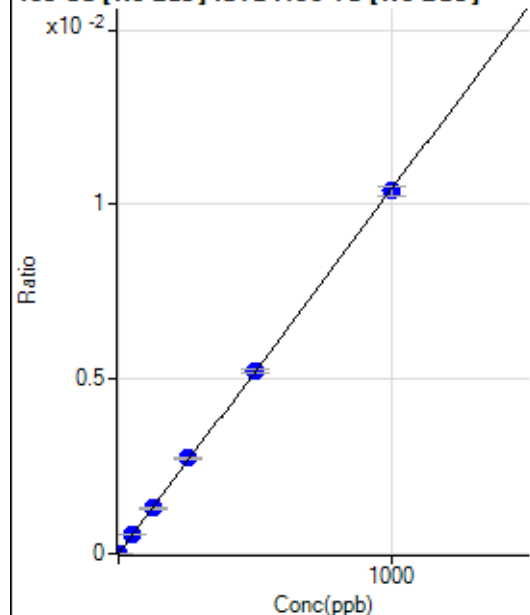
DL = 0.01684

BEC = 0.01254

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	5.55	0.0000	P	86.6
2	☐	1.000	0.996	56.94	0.0000	P	5.1
3	☐	50.000	52.618	2746.14	0.0006	P	4.3
4	☐	125.000	126.242	6715.62	0.0013	P	3.8
5	☐	250.000	262.386	13641.60	0.0027	P	1.8
6	☐	500.000	501.715	26577.07	0.0052	P	1.5
7	☐	1000.000	995.759	53376.31	0.0104	P	2.4
8	☐			27.78	0.0000	P	23.7

$$y = 1.0432\text{E-}005 * x + 1.1236\text{E-}006$$

$$R = 0.9999$$

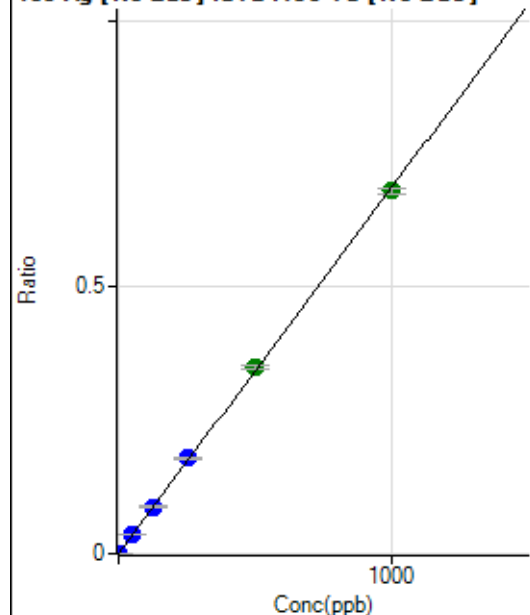
$$DL = 0.2799$$

$$BEC = 0.1077$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	1.3
2	☐	1.000	1.064	3636.70	0.0007	P	1.2
3	☐	50.000	52.531	179882.40	0.0360	P	0.3
4	☐	125.000	128.712	449915.22	0.0883	P	1.4
5	☐	250.000	261.172	892507.36	0.1792	P	2.1
6	☐	500.000	509.991	1775991.38	0.3498	A	1.6
7	☐	1000.000	991.621	3495143.52	0.6802	A	1.9
8	☐			1016.73	0.0002	P	6.7

$$y = 6.8598\text{E-}004 * x + 5.0468\text{E-}006$$

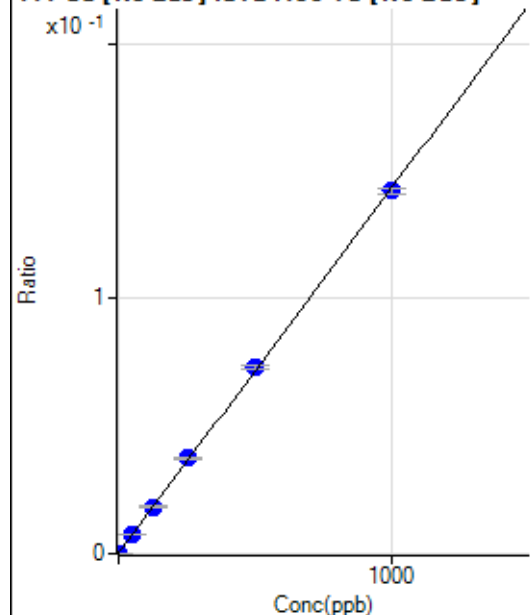
$$R = 0.9999$$

$$DL = 0.0002953$$

$$BEC = 0.007357$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1040.09	0.0002	P	10.8
2	☐	1.000	1.028	1766.65	0.0004	P	3.5
3	☐	50.000	52.690	38689.91	0.0078	P	1.2
4	☐	125.000	127.092	93768.71	0.0184	P	1.5
5	☐	250.000	261.461	187491.45	0.0376	P	1.8
6	☐	500.000	508.162	370304.34	0.0730	P	2.2
7	☐	1000.000	992.658	731210.03	0.1423	P	1.6
8	☐			1268.98	0.0003	P	6.8

$$y = 1.4315E-004 * x + 2.1008E-004$$

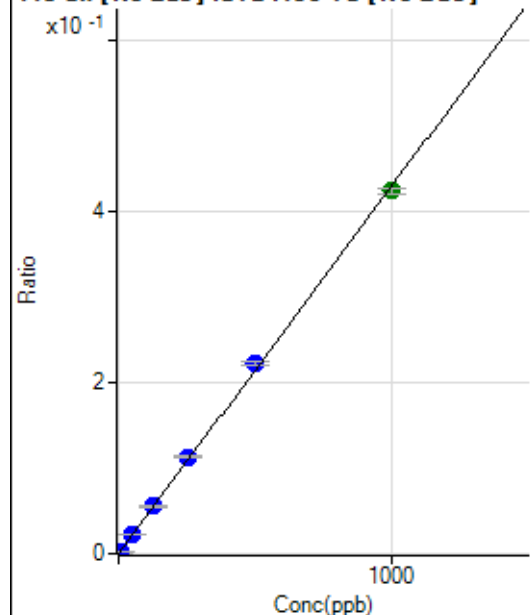
$$R = 0.9999$$

$$DL = 0.4774$$

$$BEC = 1.468$$

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	219.45	0.0000	P	31.9
2	☐	5.000	5.279	11432.85	0.0023	P	3.0
3	☐	50.000	51.956	111589.12	0.0224	P	1.3
4	☐	125.000	129.279	283132.46	0.0556	P	1.9
5	☐	250.000	263.494	563998.83	0.1132	P	1.6
6	☐	500.000	516.390	1126050.46	0.2218	P	2.1
7	☐	1000.000	987.797	2180258.69	0.4243	A	1.2
8	☐			2291.93	0.0005	P	3.1

$$y = 4.2950E-004 * x + 4.4194E-005$$

$$R = 0.9997$$

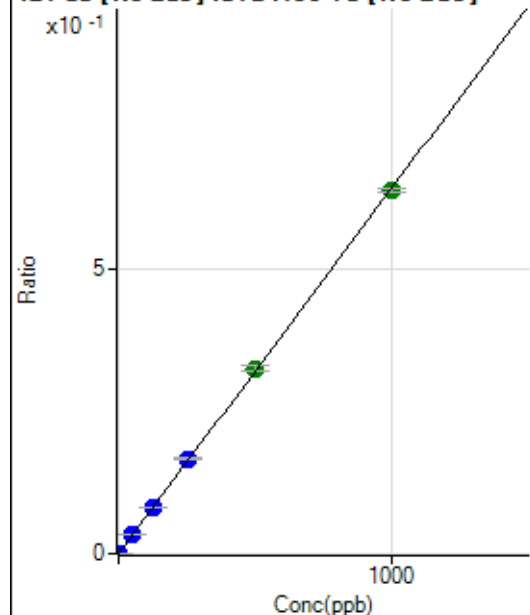
$$DL = 0.09858$$

$$BEC = 0.1029$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	56.9
2	☐	2.000	2.012	6401.68	0.0013	P	9.0
3	☐	50.000	51.744	165435.36	0.0331	P	1.1
4	☐	125.000	128.311	418803.53	0.0822	P	1.0
5	☐	250.000	260.674	831841.14	0.1670	P	1.6
6	☐	500.000	506.252	1645824.48	0.3243	A	3.3
7	☐	1000.000	993.705	3270848.88	0.6365	A	1.0
8	☐			2450.28	0.0005	P	3.7

$$y = 6.4053\text{E-}004 * x + 4.4847\text{E-}006$$

$$R = 0.9999$$

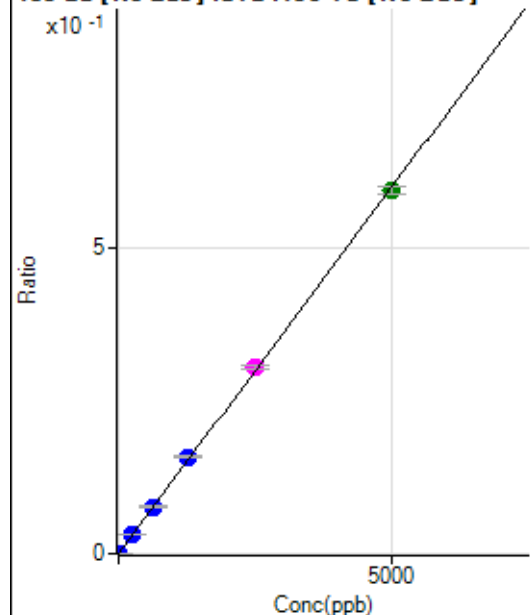
$$DL = 0.01195$$

$$BEC = 0.007001$$

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	19.44	0.0000	P	65.1
2	☐	10.000	10.619	6307.20	0.0013	P	1.7
3	☐	250.000	260.669	155746.33	0.0312	P	0.6
4	☐	625.000	641.273	391158.04	0.0768	P	1.1
5	☐	1250.000	1324.407	789753.34	0.1585	P	1.9
6	☐	2500.000	2551.627	1550495.36	0.3054	M	2.0
7	☐	5000.000	4953.016	3046254.91	0.5929	A	2.0
8	☐			5865.34	0.0012	P	2.2

$$y = 1.1970\text{E-}004 * x + 3.9260\text{E-}006$$

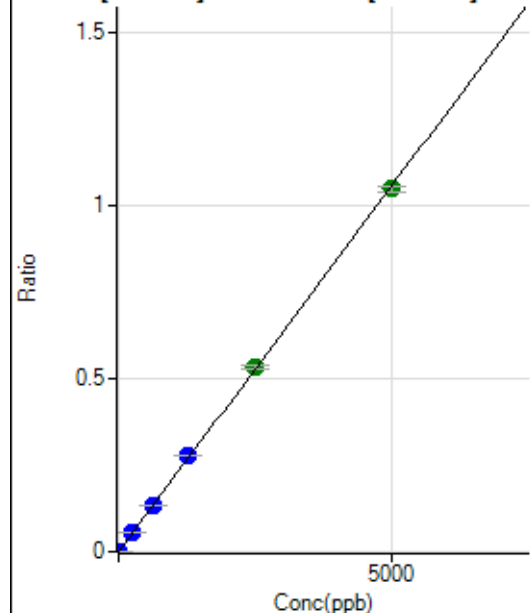
$$R = 0.9998$$

$$DL = 0.06405$$

$$BEC = 0.0328$$

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	38.89	0.0000	P	11.2
2	☐	10.000	10.512	11010.37	0.0022	P	2.0
3	☐	250.000	257.866	271599.73	0.0544	P	0.8
4	☐	625.000	634.854	682626.58	0.1340	P	0.6
5	☐	1250.000	1315.388	1382711.77	0.2776	P	1.7
6	☐	2500.000	2536.245	2716629.12	0.5352	A	2.1
7	☐	5000.000	4963.904	5382221.13	1.0474	A	1.7
8	☐			10607.19	0.0022	P	1.1

$$y = 2.1101E-004 * x + 7.8423E-006$$

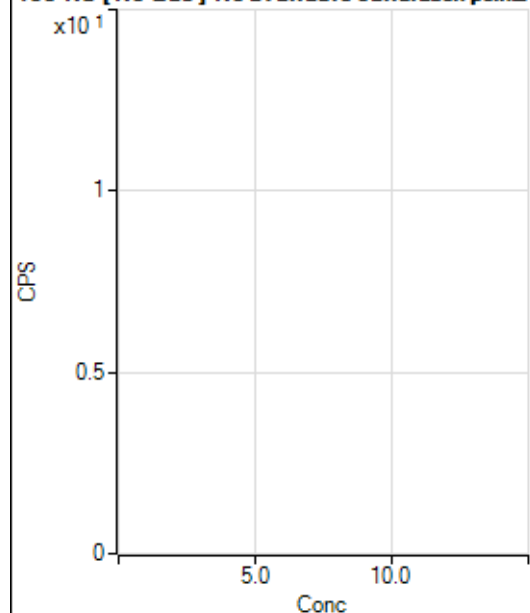
$$R = 0.9999$$

$$DL = 0.01248$$

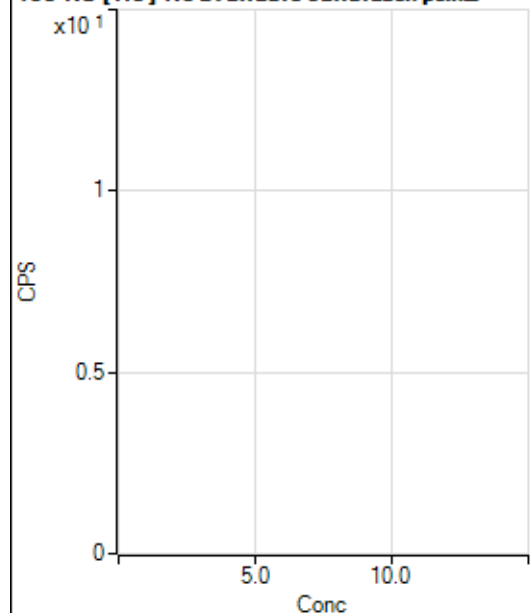
$$BEC = 0.03717$$

Weight: <None>

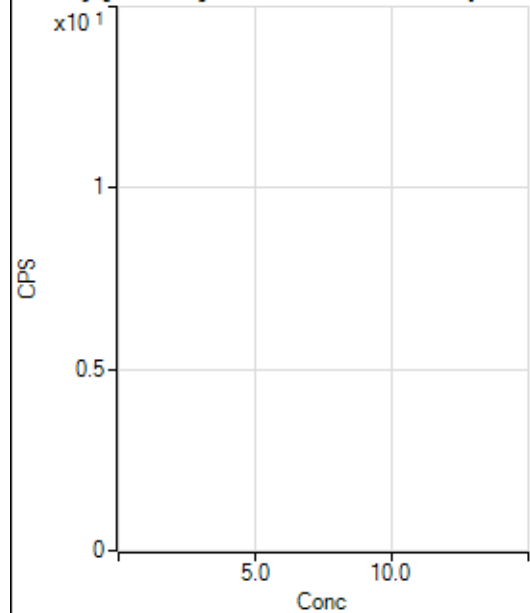
Min Conc: 0

150 Nd [No Gas] No available calibration points

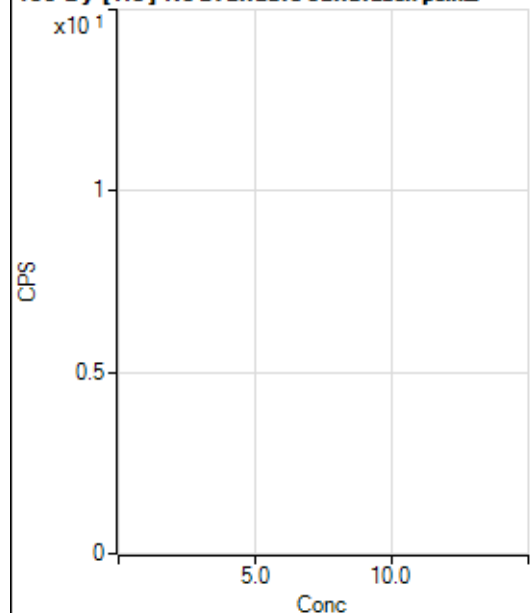
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			8.89		P	114.
3	☐			11.11		P	69.3
4	☐			26.66		P	43.3
5	☐			26.67		P	50.0
6	☐			75.56		P	22.2
7	☐			97.78		P	23.9
8	☐			44.45		P	34.6

150 Nd [He] No available calibration points

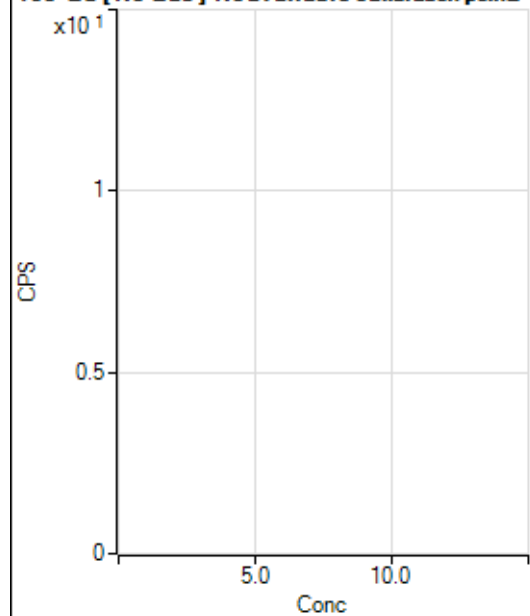
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			1.11		P	173.
4	☐			3.33		P	100.
5	☐			4.45		P	86.6
6	☐			3.33		P	100.
7	☐			10.00		P	57.8
8	☐			14.45		P	26.7

156 Dy [No Gas] No available calibration points

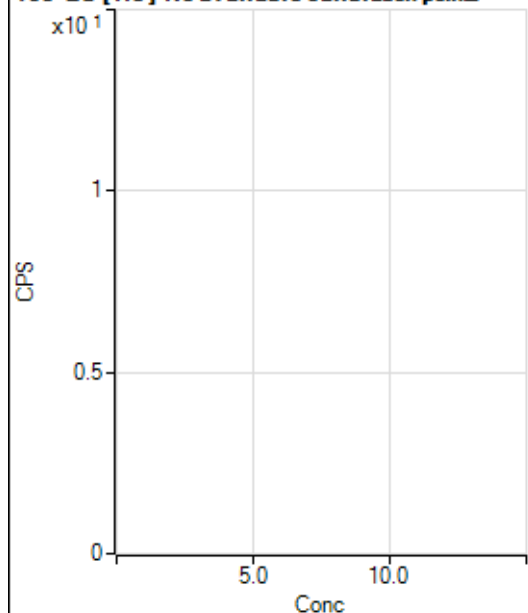
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	107.
2	☐			5.55		P	86.6
3	☐			16.67		P	100.
4	☐			38.89		P	32.7
5	☐			33.34		P	66.1
6	☐			19.44		P	89.2
7	☐			88.89		P	21.6
8	☐			161.12		P	28.5

156 Dy [He] No available calibration points

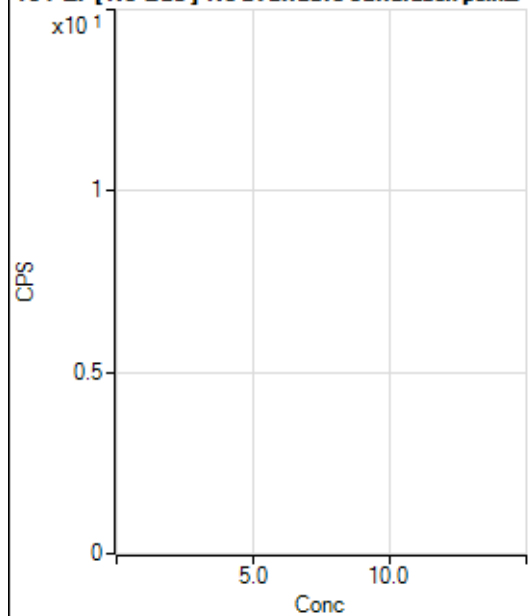
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			3.33		P	100.
3	☐			4.44		P	43.4
4	☐			10.00		P	88.2
5	☐			13.33		P	50.0
6	☐			14.44		P	35.3
7	☐			32.22		P	48.9
8	☐			86.67		P	16.8

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

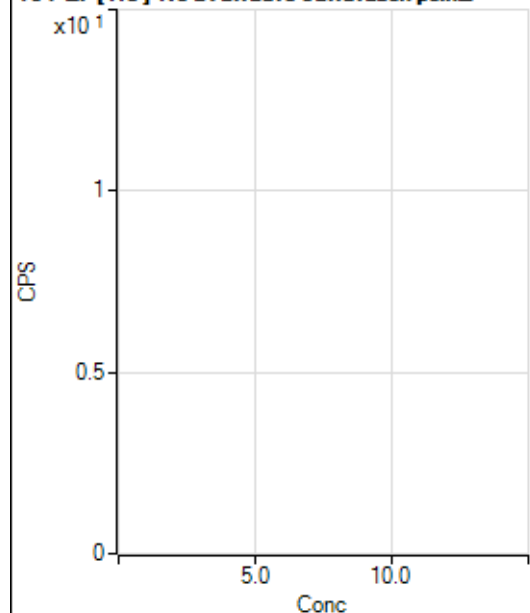
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	39.0
2	☐			52.78		P	24.1
3	☐			55.56		P	22.9
4	☐			52.78		P	50.8
5	☐			41.67		P	72.1
6	☐			66.67		P	54.5
7	☐			61.11		P	20.8
8	☐			197.23		P	2.4

160 Gd [He] No available calibration points

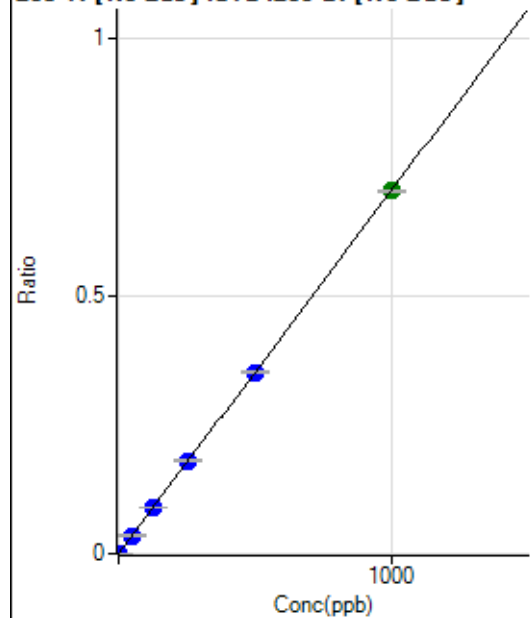
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	53.9
2	☐			7.78		P	65.5
3	☐			15.55		P	68.9
4	☐			21.11		P	63.8
5	☐			13.33		P	75.0
6	☐			20.00		P	44.1
7	☐			31.11		P	43.3
8	☐			100.00		P	17.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	75.0
2	☐			5.56		P	173.
3	☐			30.56		P	103.
4	☐			38.89		P	12.4
5	☐			36.11		P	48.0
6	☐			44.44		P	75.8
7	☐			44.44		P	60.3
8	☐			47.22		P	44.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	100.
2	☐			17.78		P	92.5
3	☐			12.22		P	15.7
4	☐			14.44		P	58.1
5	☐			8.89		P	78.1
6	☐			18.89		P	51.0
7	☐			13.33		P	75.0
8	☐			22.22		P	56.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	44.5
2	☐	1.000	0.904	1825.19	0.0006	P	5.2
3	☐	50.000	50.193	101545.67	0.0353	P	2.2
4	☐	125.000	125.603	257376.50	0.0884	P	0.3
5	☐	250.000	256.444	513628.70	0.1805	P	2.5
6	☐	500.000	499.695	1023030.54	0.3517	P	1.3
7	☐	1000.000	998.457	2046610.35	0.7027	A	0.4
8	☐			1725.16	0.0006	P	15.9

$$y = 7.0380E-004 * x + 3.9019E-006$$

$$R = 1.0000$$

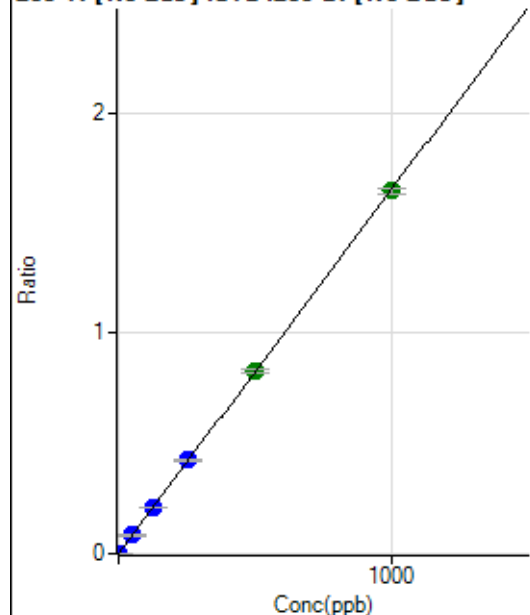
$$DL = 0.007397$$

$$BEC = 0.005544$$

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	19.44	0.0000	P	89.8
2	☐	1.000	1.001	4731.55	0.0017	P	7.3
3	☐	50.000	50.335	238894.42	0.0831	P	0.8
4	☐	125.000	126.765	609326.36	0.2093	P	1.1
5	☐	250.000	256.984	1207503.90	0.4243	P	1.5
6	☐	500.000	503.553	2418178.50	0.8314	A	1.9
7	☐	1000.000	996.240	4790173.89	1.6448	A	1.8
8	☐			3970.16	0.0015	P	8.4

$$y = 0.0017 * x + 6.7958E-006$$

$$R = 1.0000$$

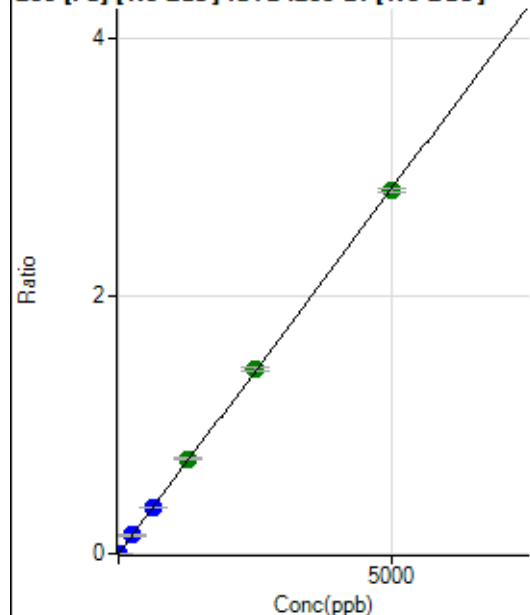
$$DL = 0.01109$$

$$BEC = 0.004116$$

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	237.04	0.0001	P	9.0
2	☐	1.000	1.036	1909.44	0.0007	P	4.0
3	☐	250.000	250.698	408436.94	0.1421	P	1.8
4	☐	625.000	626.698	1033864.30	0.3551	P	0.5
5	☐	1250.000	1297.115	2091573.15	0.7349	A	1.6
6	☐	2500.000	2531.545	4171748.82	1.4342	A	1.9
7	☐	5000.000	4972.201	8203860.89	2.8169	A	0.9
8	☐			9229.34	0.0034	P	0.8

$$y = 5.6651E-004 * x + 8.2906E-005$$

$$R = 0.9999$$

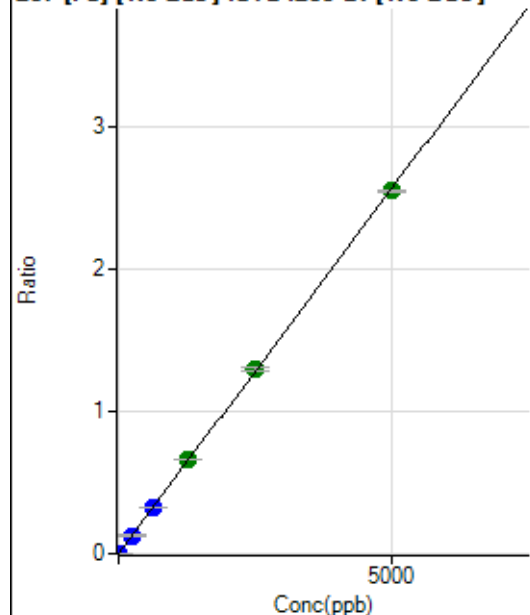
$$DL = 0.03954$$

$$BEC = 0.1463$$

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	196.30	0.0001	P	27.0
2	☐	1.000	0.901	1514.93	0.0005	P	13.2
3	☐	250.000	248.604	367278.73	0.1278	P	1.9
4	☐	625.000	623.527	932796.10	0.3204	P	1.0
5	☐	1250.000	1288.071	1883636.15	0.6618	A	0.9
6	☐	2500.000	2534.992	3787959.75	1.3024	A	2.4
7	☐	5000.000	4973.240	7441314.17	2.5550	A	0.3
8	☐			7984.08	0.0030	P	1.4

$$y = 5.1374\text{E-}004 * x + 6.8809\text{E-}005$$

$$R = 0.9999$$

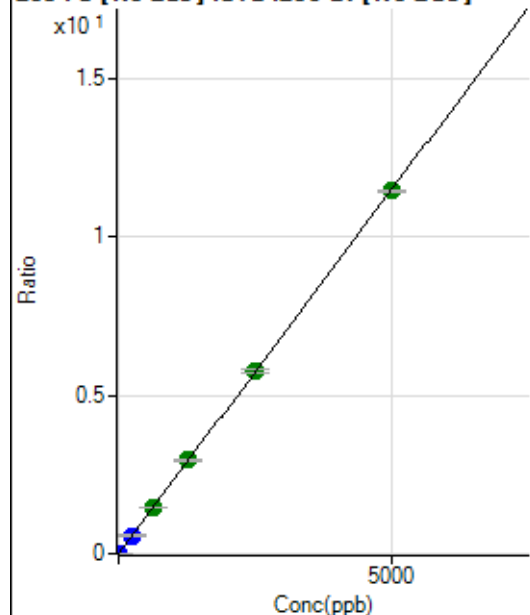
$$DL = 0.1085$$

$$BEC = 0.1339$$

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	894.48	0.0003	P	13.1
2	☐	1.000	0.994	7391.72	0.0026	P	3.6
3	☐	250.000	250.278	1651787.78	0.5747	P	1.8
4	☐	625.000	633.769	4235493.73	1.4548	A	0.7
5	☐	1250.000	1288.306	8415521.53	2.9570	A	1.3
6	☐	2500.000	2509.976	16755530.76	5.7608	A	2.2
7	☐	5000.000	4984.325	33316051.38	11.4395	A	0.7
8	☐			36435.30	0.0136	P	1.0

$$y = 0.0023 * x + 3.1289\text{E-}004$$

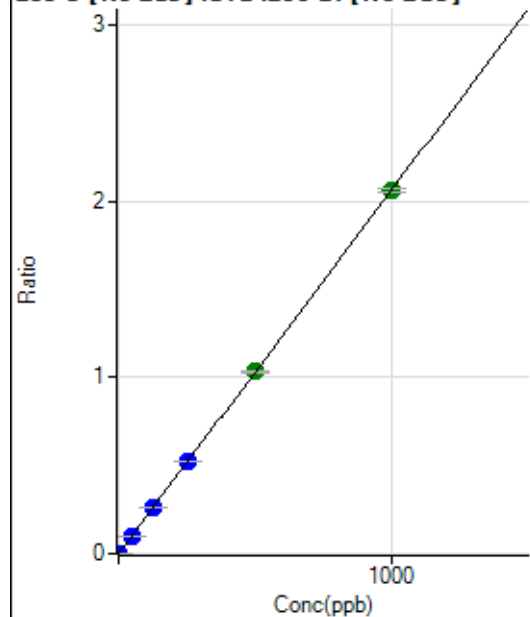
$$R = 1.0000$$

$$DL = 0.05344$$

$$BEC = 0.1363$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000	0.999	5882.08	0.0021	P	3.2
3	☐	50.000	49.848	295621.91	0.1028	P	1.0
4	☐	125.000	124.742	749300.37	0.2574	P	0.2
5	☐	250.000	253.993	1491411.98	0.5240	P	1.0
6	☐	500.000	501.562	3010378.93	1.0348	A	0.8
7	☐	1000.000	998.260	5998334.55	2.0596	A	1.0
8	☐			661.15	0.0002	P	7.8

$$y = 0.0021 * x + 1.9334E-006$$

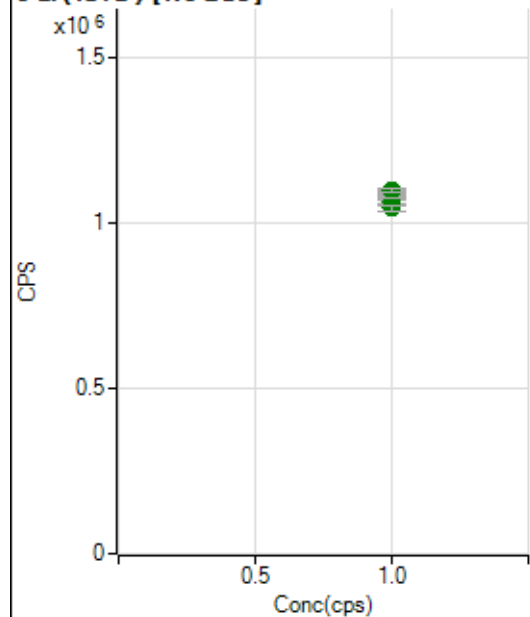
$$R = 1.0000$$

$$DL = 0.002435$$

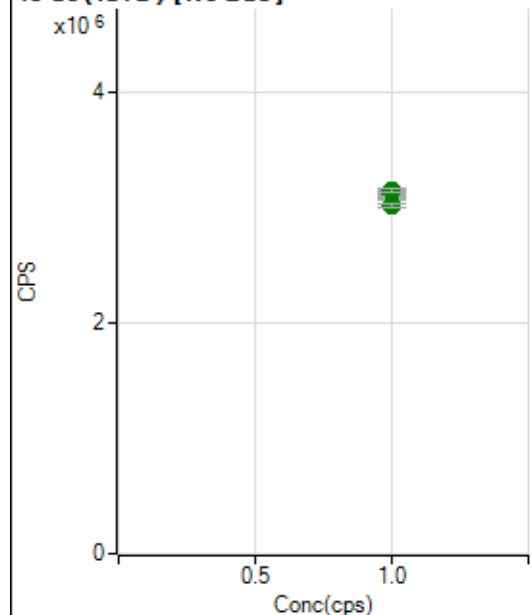
$$BEC = 0.0009371$$

Weight: <None>

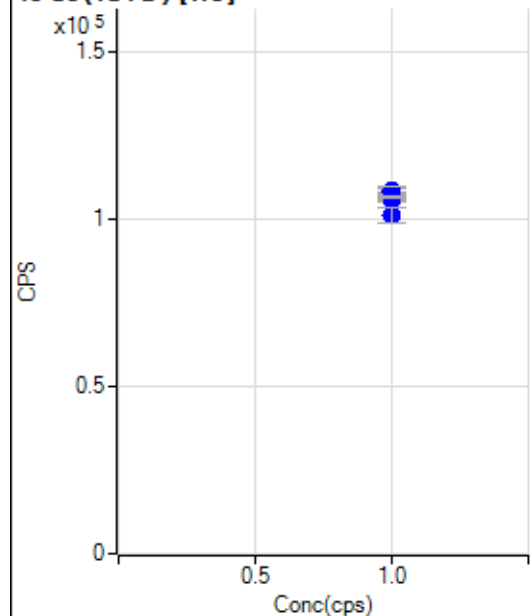
Min Conc: 0

6 Li (ISTD) [No Gas]

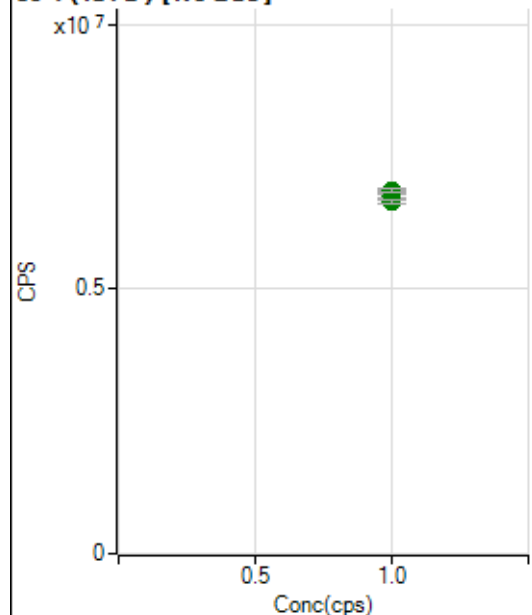
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1085548.02		A	2.8
2	☐	1.000		1094266.66		A	0.6
3	☐	1.000		1087683.48		A	0.4
4	☐	1.000		1096467.79		A	2.2
5	☐	1.000		1085463.21		A	0.5
6	☐	1.000		1097878.83		A	1.2
7	☐	1.000		1066053.59		A	1.5
8	☐	1.000		1045011.81		A	1.8

45 Sc (ISTD) [No Gas]

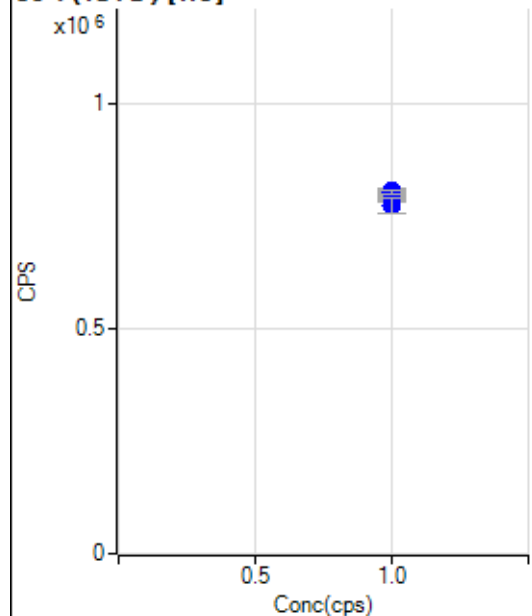
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3079403.46		A	1.6
2	☐	1.000		3123874.57		A	0.8
3	☐	1.000		3106707.91		A	1.1
4	☐	1.000		3130759.02		A	1.0
5	☐	1.000		3118642.42		A	2.3
6	☐	1.000		3126376.28		A	1.7
7	☐	1.000		3138077.49		A	1.2
8	☐	1.000		3004972.28		A	1.2

45 Sc (ISTD) [He]

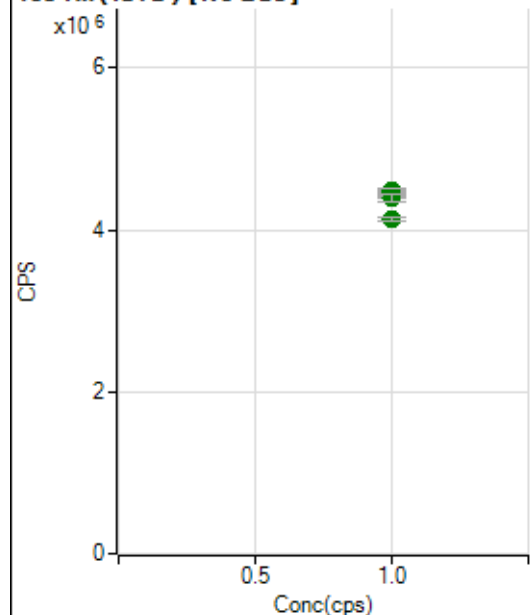
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		105601.21		P	0.6
2	☐	1.000		108054.95		P	0.2
3	☐	1.000		107177.18		P	0.4
4	☐	1.000		108467.54		P	0.9
5	☐	1.000		108302.90		P	2.8
6	☐	1.000		106478.03		P	0.6
7	☐	1.000		106774.40		P	0.4
8	☐	1.000		101064.08		P	4.6

89 Y (ISTD) [No Gas]

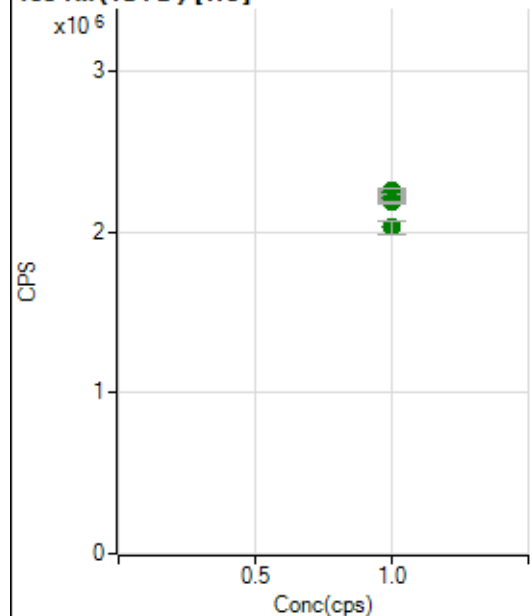
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6664891.92		A	1.6
2	☐	1.000		6754241.84		A	1.4
3	☐	1.000		6778531.92		A	1.5
4	☐	1.000		6852403.09		A	1.0
5	☐	1.000		6766619.41		A	1.1
6	☐	1.000		6851883.65		A	1.5
7	☐	1.000		6858228.23		A	1.1
8	☐	1.000		6659947.54		A	1.3

89 Y (ISTD) [He]

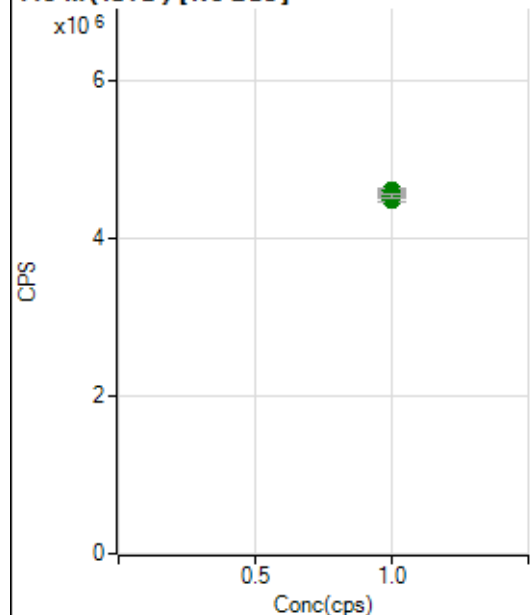
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		782528.33		P	0.3
2	☐	1.000		793465.57		P	0.8
3	☐	1.000		797644.40		P	1.0
4	☐	1.000		804864.56		P	0.7
5	☐	1.000		801520.65		P	1.9
6	☐	1.000		796662.17		P	1.1
7	☐	1.000		801363.52		P	1.2
8	☐	1.000		771580.46		P	4.0

103 Rh (ISTD) [No Gas]

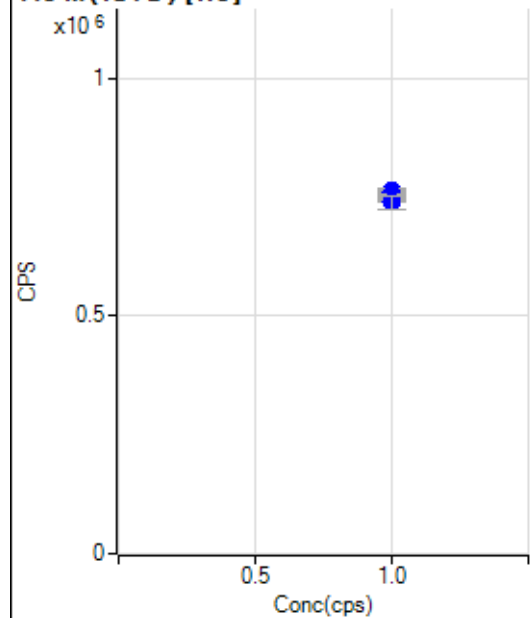
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4425889.94		A	0.5
2	☐	1.000		4438950.88		A	2.2
3	☐	1.000		4435699.84		A	0.8
4	☐	1.000		4479705.09		A	0.9
5	☐	1.000		4465339.29		A	1.2
6	☐	1.000		4480658.26		A	1.9
7	☐	1.000		4393266.15		A	2.4
8	☐	1.000		4132627.26		A	0.7

103 Rh (ISTD) [He]

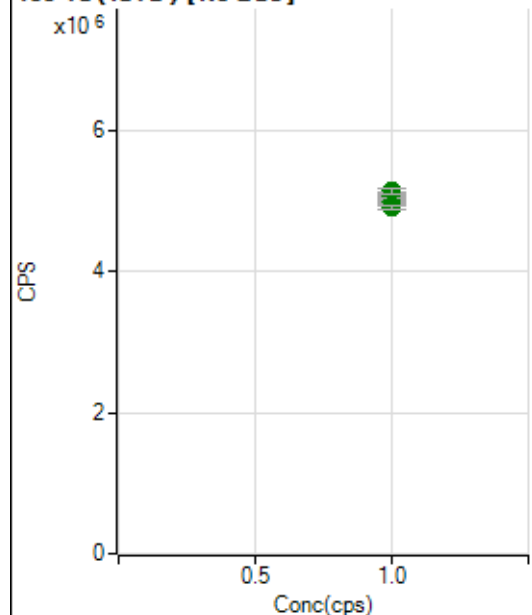
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2184929.31		A	1.3
2	☐	1.000		2230300.82		A	0.8
3	☐	1.000		2230245.42		A	2.0
4	☐	1.000		2256619.22		A	0.6
5	☐	1.000		2247520.21		A	2.5
6	☐	1.000		2217483.41		A	2.2
7	☐	1.000		2183690.32		A	0.8
8	☐	1.000		2032436.65		A	4.1

115 In (ISTD) [No Gas]

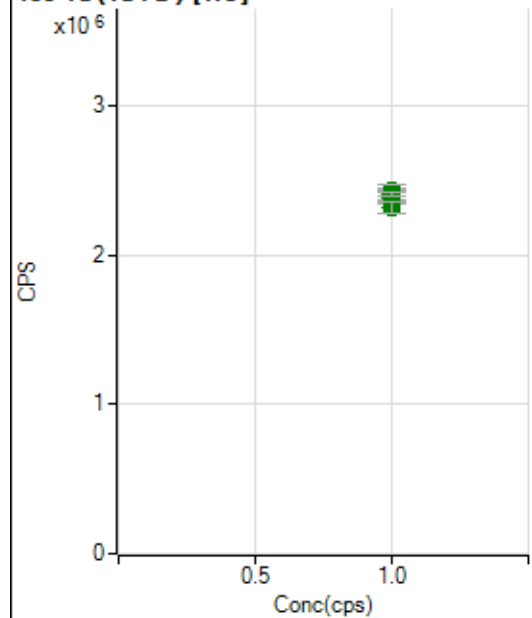
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4488234.62		A	0.7
2	☐	1.000		4554719.93		A	0.7
3	☐	1.000		4549360.28		A	1.0
4	☐	1.000		4599657.56		A	0.3
5	☐	1.000		4558365.40		A	1.9
6	☐	1.000		4604773.31		A	1.4
7	☐	1.000		4559128.74		A	0.6
8	☐	1.000		4541872.00		A	0.9

115 In (ISTD) [He]

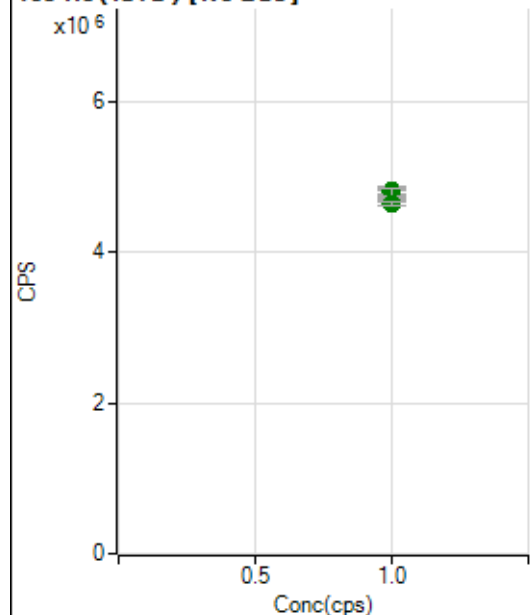
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		742302.42		P	0.5
2	☐	1.000		751757.31		P	0.2
3	☐	1.000		753223.24		P	0.6
4	☐	1.000		762664.93		P	0.6
5	☐	1.000		758693.61		P	2.6
6	☐	1.000		754126.90		P	0.8
7	☐	1.000		753433.05		P	0.9
8	☐	1.000		738363.94		P	3.6

159 Tb (ISTD) [No Gas]

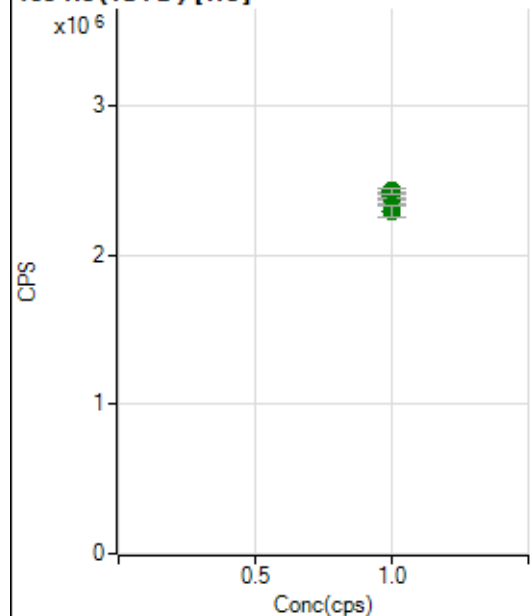
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4954237.77		A	1.3
2	☐	1.000		4947039.02		A	0.9
3	☐	1.000		4991173.16		A	1.1
4	☐	1.000		5095606.73		A	0.7
5	☐	1.000		4982334.16		A	1.3
6	☐	1.000		5077406.38		A	1.8
7	☐	1.000		5139236.73		A	1.7
8	☐	1.000		4894655.17		A	0.9

159 Tb (ISTD) [He]

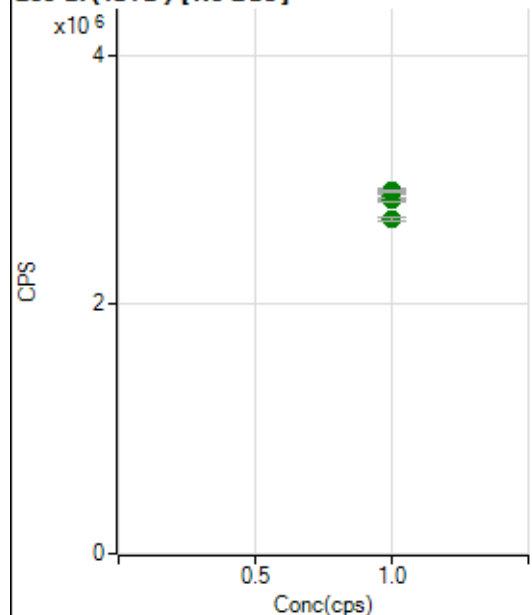
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2361012.69		A	0.9
2	☐	1.000		2387239.78		A	1.3
3	☐	1.000		2353515.21		A	0.4
4	☐	1.000		2433393.36		A	1.0
5	☐	1.000		2433028.68		A	3.2
6	☐	1.000		2414708.04		A	1.7
7	☐	1.000		2413123.80		A	1.3
8	☐	1.000		2322569.01		A	3.1

165 Ho (ISTD) [No Gas]

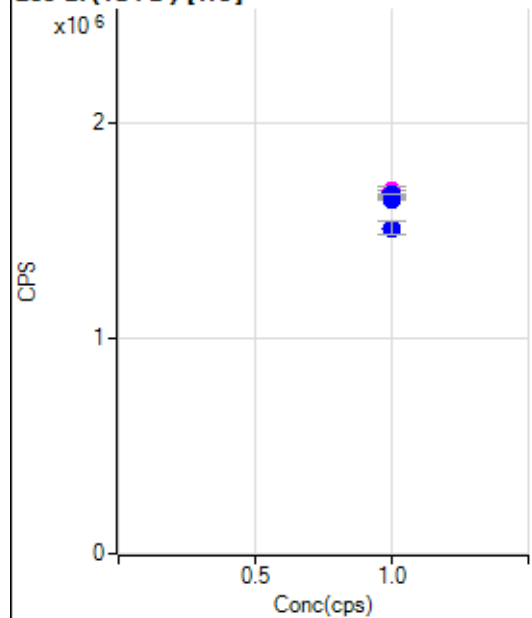
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4650258.48		A	1.6
2	☐	1.000		4640184.74		A	1.4
3	☐	1.000		4731861.74		A	0.8
4	☐	1.000		4785317.73		A	0.8
5	☐	1.000		4703126.23		A	0.8
6	☐	1.000		4808321.85		A	2.0
7	☐	1.000		4791049.02		A	2.0
8	☐	1.000		4637279.66		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2344015.85		A	0.5
2	☐	1.000		2369218.31		A	1.8
3	☐	1.000		2383897.29		A	0.8
4	☐	1.000		2423496.56		A	0.5
5	☐	1.000		2419735.80		A	2.7
6	☐	1.000		2401875.71		A	0.8
7	☐	1.000		2434398.05		A	1.4
8	☐	1.000		2298520.36		A	3.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2856191.56		A	1.7
2	☐	1.000		2850604.30		A	0.8
3	☐	1.000		2874633.64		A	1.5
4	☐	1.000		2911372.94		A	0.3
5	☐	1.000		2846167.43		A	1.0
6	☐	1.000		2909363.32		A	2.0
7	☐	1.000		2912427.14		A	0.3
8	☐	1.000		2684903.36		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1645791.80		P	0.3
2	☐	1.000		1658142.30		P	0.8
3	☐	1.000		1664348.95		P	0.4
4	☐	1.000		1681038.17		P	1.1
5	☐	1.000		1687929.94		M	2.2
6	☐	1.000		1667128.88		P	0.6
7	☐	1.000		1673308.62		P	0.1
8	☐	1.000		1516187.81		P	4.3