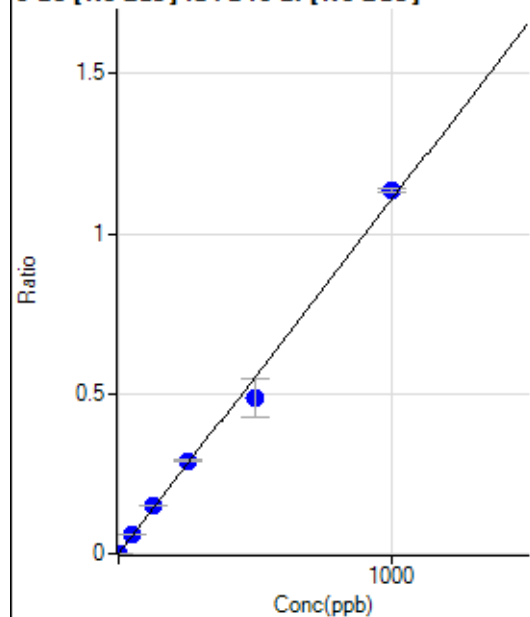


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7041425MS 1.b\
Analysis File: P7041425MS 1.batch.bin
DA Date-Time: 2025-04-14 19:00:33
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0002	P	13.8
2	☐	1.000	1.178	877.81	0.0015	P	0.9
3	☐	50.000	53.301	35862.54	0.0591	P	2.4
4	☐	125.000	136.359	90177.93	0.1509	P	0.5
5	☐	250.000	263.080	170888.40	0.2910	P	1.2
6	☐	500.000	439.743	311578.29	0.4863	P	25.5
7	☐	1000.000	1025.273	641184.70	1.1337	P	1.1
8	☐			127.78	0.0002	P	23.2

$$y = 0.0011 * x + 1.7083E-004$$

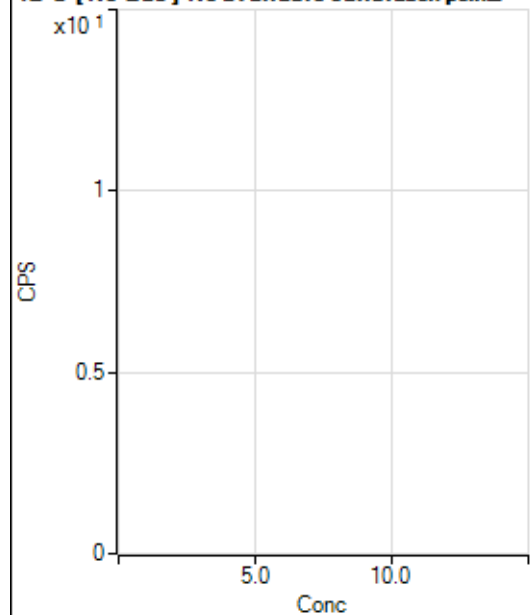
$$R = 0.9972$$

$$DL = 0.06377$$

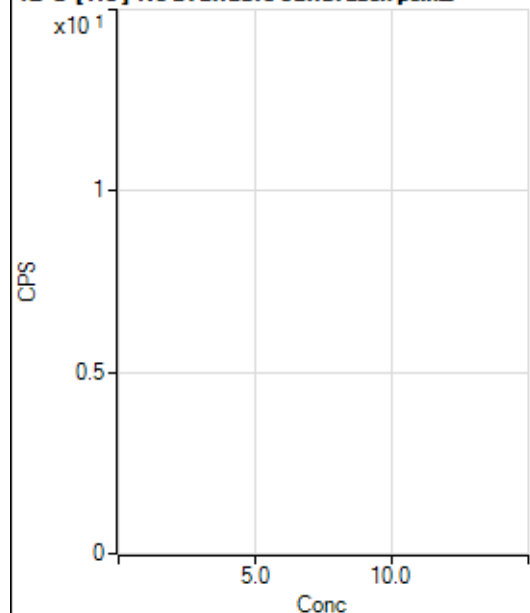
$$BEC = 0.1545$$

Weight: <None>

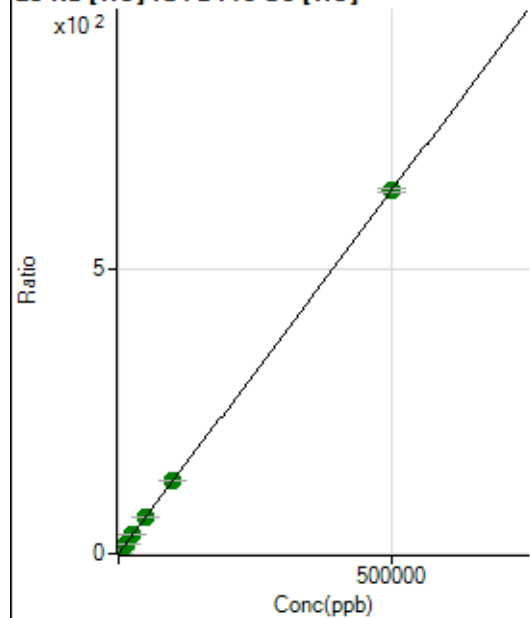
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj 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	13799.59	0.0524	P	1.2
2	☐	500.000	511.517	187359.05	0.7027	P	0.9
3	☐	5000.000	5063.466	1710535.49	6.4892	A	0.5
4	☐	12500.000	12668.946	4144375.15	16.1575	A	0.7
5	☐	25000.000	25284.405	8002189.67	32.1945	A	0.8
6	☐	50000.000	50925.598	16305478.09	64.7902	A	0.9
7	☐	100000.00	100300.43	32319304.80	127.5566	A	0.5
8	☐	500000.00	499828.26	185609081.6	635.4454	A	1.2

$$y = 0.0013 * x + 0.0524$$

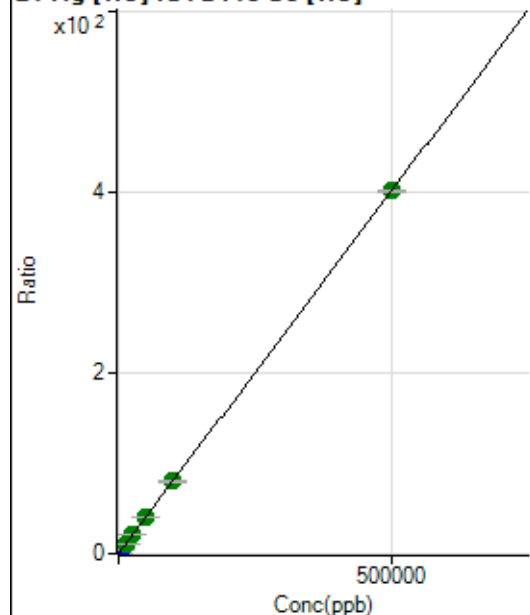
$$R = 1.0000$$

$$DL = 1.512$$

$$BEC = 41.23$$

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	164.45	0.0006	P	14.1
2	☐	500.000	514.111	110266.37	0.4135	P	0.7
3	☐	5000.000	4773.144	1010649.47	3.8342	P	0.9
4	☐	12500.000	12628.294	2601641.31	10.1430	A	1.2
5	☐	25000.000	25256.334	5042095.03	20.2852	A	0.4
6	☐	50000.000	50377.009	10181475.20	40.4609	A	1.5
7	☐	100000.00	99644.849	20278001.50	80.0303	A	1.3
8	☐	500000.00	500019.56	117304522.7	401.5911	A	0.9

$$y = 8.0315E-004 * x + 6.2421E-004$$

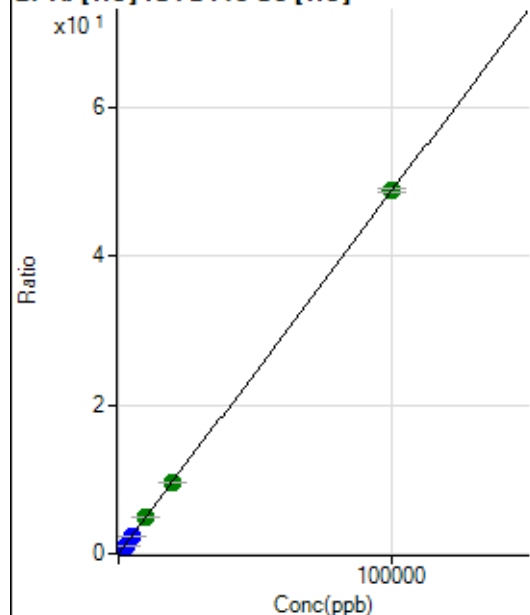
$$R = 1.0000$$

$$DL = 0.3285$$

$$BEC = 0.7772$$

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	228.89	0.0009	P	6.5
2	☐	20.000	20.724	2928.09	0.0110	P	3.8
3	☐	1000.000	944.403	121666.76	0.4616	P	1.1
4	☐	2500.000	2363.183	295914.57	1.1537	P	1.1
5	☐	5000.000	4660.367	565296.32	2.2743	P	0.4
6	☐	10000.000	9917.326	1217688.53	4.8387	A	1.2
7	☐	20000.000	19554.374	2416981.61	9.5399	A	1.4
8	☐	100000.00	100118.35	14266130.20	48.8407	A	0.9

$$y = 4.8782E-004 * x + 8.6908E-004$$

$$R = 1.0000$$

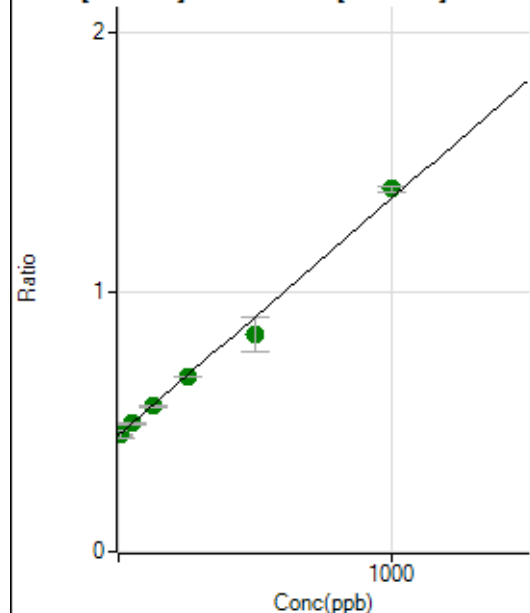
$$DL = 0.3492$$

$$BEC = 1.782$$

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	1274404.11	0.4490	A	1.5
2	☐	10.000	5.544	1295369.83	0.4541	A	6.3
3	☐	50.000	47.413	1381216.85	0.4922	A	1.6
4	☐	125.000	121.406	1523611.52	0.5595	A	1.0
5	☐	250.000	244.991	1761503.81	0.6720	A	0.4
6	☐	500.000	424.546	2343778.89	0.8354	A	16.6
7	☐	1000.000	1039.602	3623344.28	1.3952	A	1.9
8	☐			1252544.09	0.4146	A	1.5

$$y = 9.1016\text{E-}004 * x + 0.4490$$

$$R = 0.9960$$

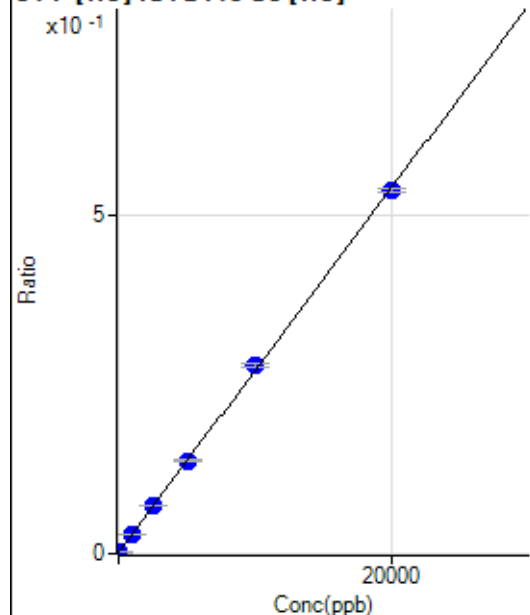
$$DL = 22.07$$

$$BEC = 493.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.106	318.89	0.0012	P	11.2
2	☐	0.000	17.106	568.90	0.0021	P	14.4
3	☐	1000.000	1013.015	7633.09	0.0290	P	1.9
4	☐	2500.000	2561.116	18118.57	0.0706	P	0.4
5	☐	5000.000	5036.859	34132.59	0.1373	P	1.5
6	☐	10000.000	10293.867	70182.26	0.2789	P	1.5
7	☐	20000.000	19835.561	135762.63	0.5358	P	1.2
8	☐			385.57	0.0013	P	4.7

$$y = 2.6930\text{E-}005 * x + 0.0017$$

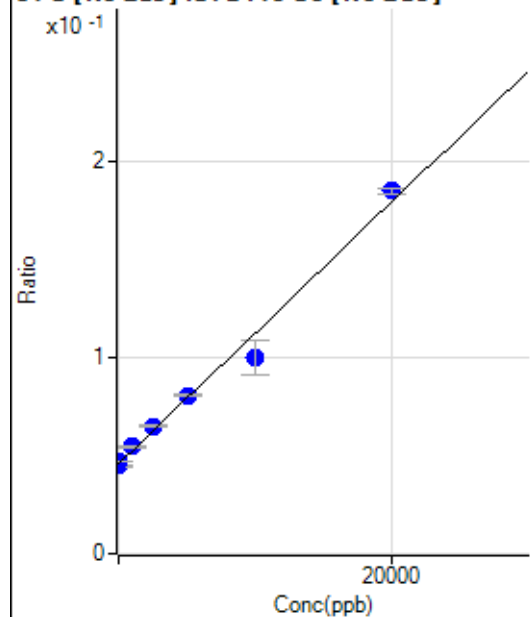
$$R = 0.9998$$

$$DL = 24.67$$

$$BEC = 62.1$$

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	-143.988	126850.96	0.0447	P	2.9
2	☐	0.000	143.988	133025.05	0.0466	P	0.4
3	☐	1000.000	1315.856	152767.00	0.0544	P	2.1
4	☐	2500.000	2904.271	177111.05	0.0650	P	0.2
5	☐	5000.000	5243.685	211371.73	0.0806	P	1.9
6	☐	10000.000	8082.620	279147.73	0.0996	P	17.6
7	☐	20000.000	20831.442	479502.51	0.1846	P	1.3
8	☐			119135.24	0.0394	P	4.2

$$y = 6.6708E-006 * x + 0.0457$$

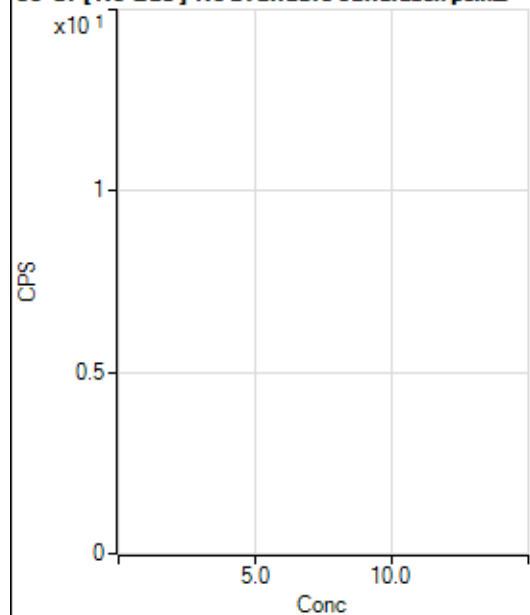
$$R = 0.9927$$

$$DL = 326.8$$

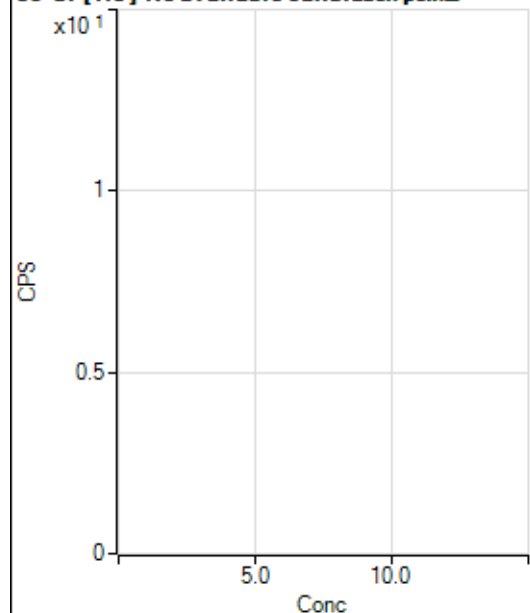
$$BEC = 6845$$

Weight: <None>

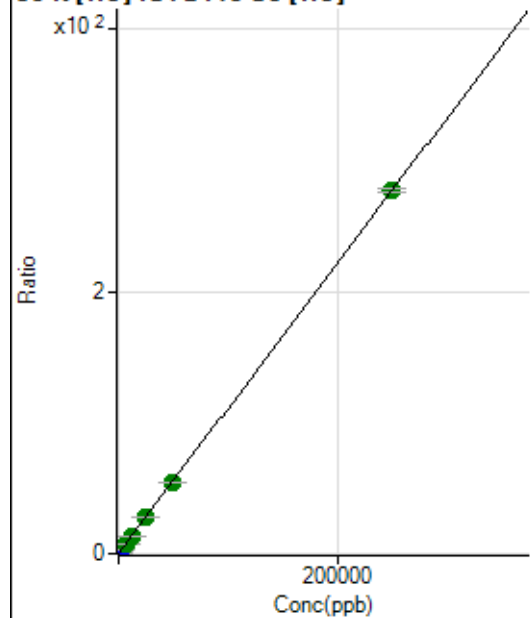
Min Conc: 0

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	53665.27	0.2038	P	1.4
2	☐	500.000	520.606	207674.70	0.7788	P	0.6
3	☐	2500.000	2467.883	772217.65	2.9296	P	1.0
4	☐	6250.000	6173.458	1801224.12	7.0225	A	0.7
5	☐	12500.000	12061.557	3362161.13	13.5259	A	1.3
6	☐	25000.000	24820.753	6949974.13	27.6185	A	1.4
7	☐	50000.000	48634.036	13662621.46	53.9204	A	0.9
8	☐	250000.00	250315.23	80815884.35	276.6786	A	1.0

$$y = 0.0011 * x + 0.2038$$

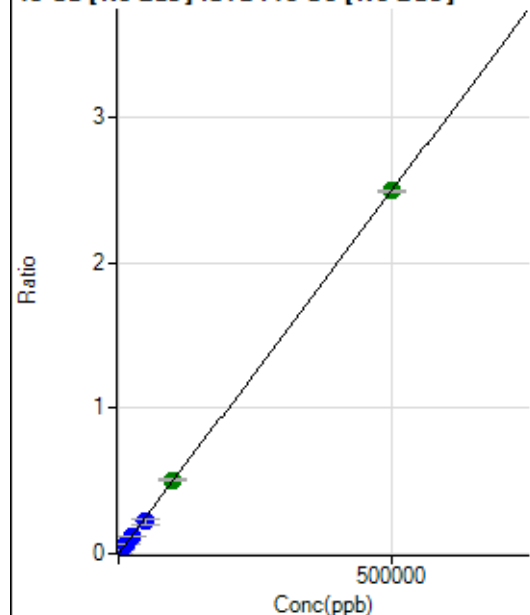
$$R = 1.0000$$

$$DL = 7.551$$

$$BEC = 184.5$$

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	251.12	0.0001	P	6.0
2	☐	500.000	535.663	7882.11	0.0028	P	0.9
3	☐	5000.000	5055.638	71060.92	0.0253	P	2.5
4	☐	12500.000	12798.357	174220.39	0.0640	P	0.5
5	☐	25000.000	25057.037	328109.14	0.1252	P	0.6
6	☐	50000.000	44299.313	618519.91	0.2212	P	20.9
7	☐	100000.00	101934.17	1321673.72	0.5090	A	2.0
8	☐	500000.00	500172.33	7541691.83	2.4970	A	0.8

$$y = 4.9921E-006 * x + 8.8529E-005$$

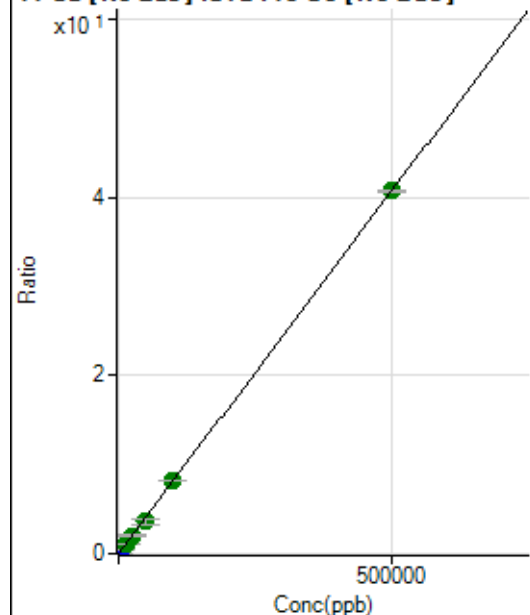
R = 0.9999

DL = 3.212

BEC = 17.73

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	8611.95	0.0030	P	1.2
2	☐	500.000	538.051	133537.29	0.0468	P	1.4
3	☐	5000.000	5076.945	1167425.71	0.4161	P	2.0
4	☐	12500.000	12720.223	2826103.22	1.0379	A	1.0
5	☐	25000.000	25083.897	5356858.53	2.0437	A	1.0
6	☐	50000.000	43760.280	9966332.84	3.5630	A	20.3
7	☐	100000.00	101008.60	21349924.40	8.2203	A	1.2
8	☐	500000.00	500411.74	122971058.1	40.7128	A	0.8

$$y = 8.1353E-005 * x + 0.0030$$

R = 0.9999

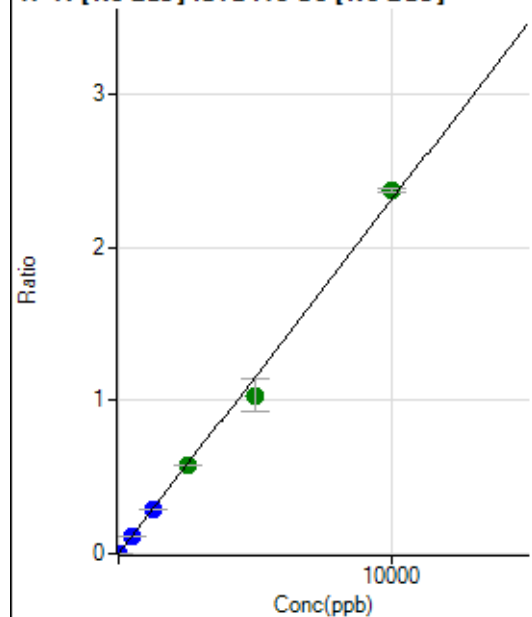
DL = 1.32

BEC = 37.29

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0000	P	23.1
2	☐	5.000	5.100	3455.99	0.0012	P	1.9
3	☐	500.000	493.594	320033.20	0.1141	P	2.7
4	☐	1250.000	1243.575	782378.02	0.2873	P	1.2
5	☐	2500.000	2515.595	1523418.62	0.5812	A	0.7
6	☐	5000.000	4478.595	2893732.35	1.0347	A	20.5
7	☐	10000.000	10257.927	6155079.70	2.3698	A	1.0
8	☐			511.12	0.0002	P	5.9

$$y = 2.3102\text{E-}004 * x + 3.3172\text{E-}005$$

$$R = 0.9980$$

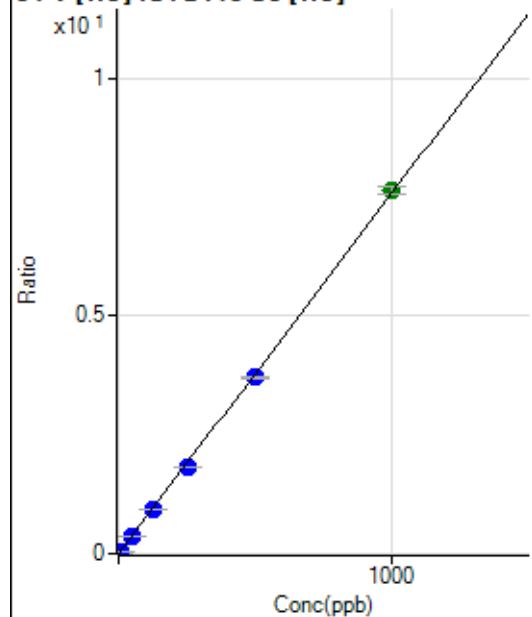
$$DL = 0.0993$$

$$BEC = 0.1436$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.66	0.0001	P	21.1
2	☐	5.000	5.375	10880.68	0.0408	P	2.6
3	☐	50.000	48.363	96548.68	0.3663	P	0.9
4	☐	125.000	122.115	237164.13	0.9247	P	0.9
5	☐	250.000	239.102	449991.91	1.8104	P	0.8
6	☐	500.000	490.387	934347.52	3.7130	P	1.4
7	☐	1000.000	1007.971	1933678.11	7.6318	A	2.0
8	☐			555.57	0.0019	P	11.2

$$y = 0.0076 * x + 1.0119\text{E-}004$$

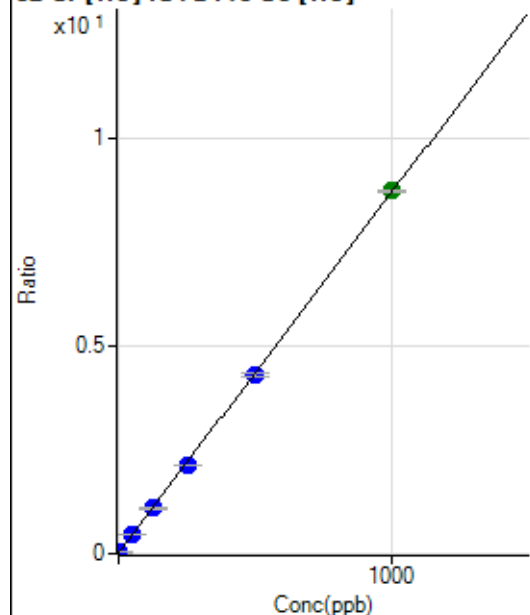
$$R = 0.9999$$

$$DL = 0.008452$$

$$BEC = 0.01337$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5468.82	0.0208	P	1.8
2	☐	2.000	2.793	11994.86	0.0450	P	2.8
3	☐	50.000	49.936	119616.46	0.4538	P	1.6
4	☐	125.000	123.422	279836.81	1.0911	P	0.7
5	☐	250.000	243.749	530559.61	2.1345	P	0.4
6	☐	500.000	493.582	1082324.38	4.3011	P	1.4
7	☐	1000.000	1004.971	2213402.83	8.7358	A	0.5
8	☐			27856.94	0.0954	P	1.5

$$y = 0.0087 * x + 0.0208$$

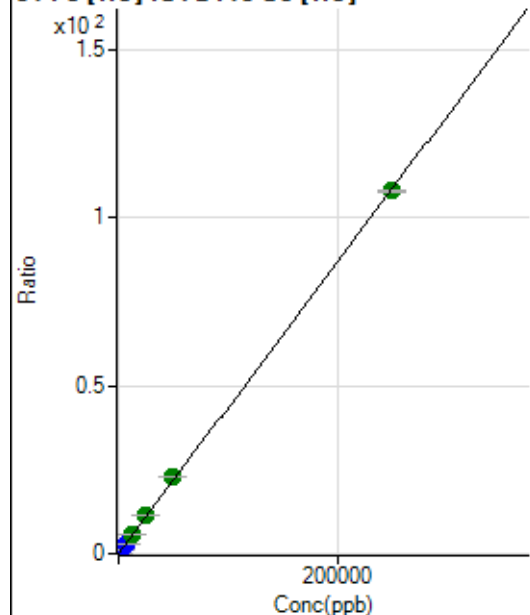
$$R = 0.9999$$

$$DL = 0.1261$$

$$BEC = 2.395$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4656.32	0.0177	P	2.9
2	☐	50.000	57.142	11311.01	0.0424	P	3.8
3	☐	2500.000	2643.556	306344.22	1.1622	P	0.9
4	☐	6250.000	6661.363	744239.84	2.9017	P	0.6
5	☐	12500.000	13273.682	1432743.26	5.7644	A	1.5
6	☐	25000.000	26789.996	2923020.68	11.6162	A	1.6
7	☐	50000.000	52984.213	5816350.61	22.9567	A	1.2
8	☐	250000.00	249173.75	31516005.92	107.8951	A	0.5

$$y = 4.3294E-004 * x + 0.0177$$

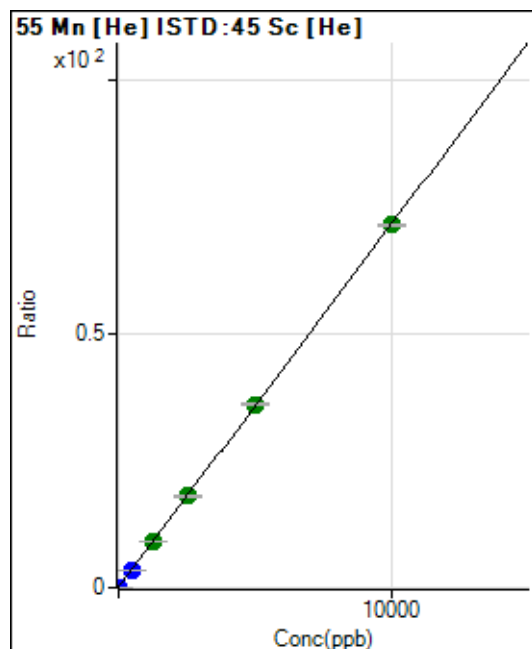
$$R = 0.9999$$

$$DL = 3.553$$

$$BEC = 40.85$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16355.64	0.0621	P	3.1
2	☐	1.000	0.903	18286.76	0.0686	P	0.8
3	☐	500.000	481.616	923371.18	3.5030	P	0.9
4	☐	1250.000	1265.274	2334550.62	9.1019	A	0.3
5	☐	2500.000	2512.442	4476990.42	18.0123	A	1.2
6	☐	5000.000	5040.000	9077332.50	36.0704	A	0.8
7	☐	10000.000	9975.899	18074195.15	71.3350	A	0.3
8	☐			12698.77	0.0435	P	1.4

$$y = 0.0071 * x + 0.0621$$

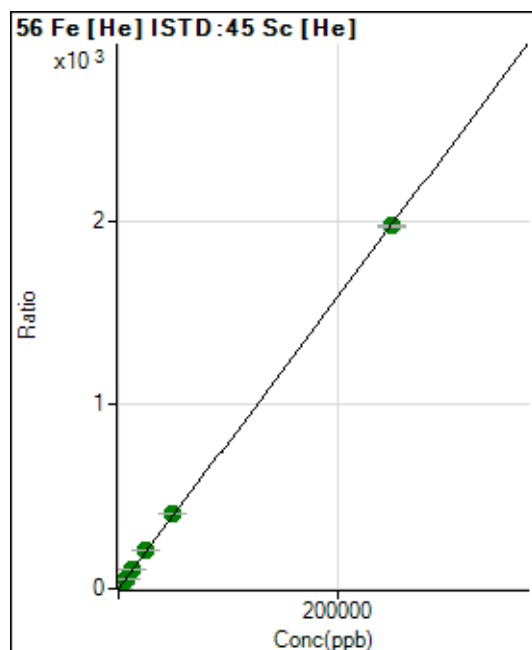
$$R = 1.0000$$

$$DL = 0.8155$$

$$BEC = 8.696$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55896.86	0.2123	P	2.5
2	☐	50.000	54.219	170856.93	0.6408	P	1.8
3	☐	2500.000	2630.411	5535292.83	21.0000	A	1.1
4	☐	6250.000	6621.989	13476306.19	52.5447	A	1.3
5	☐	12500.000	13031.081	25649666.84	103.1946	A	0.8
6	☐	25000.000	26414.616	52587028.66	208.9622	A	0.7
7	☐	50000.000	52083.309	104342000.6	411.8171	A	0.3
8	☐	250000.00	249404.71	575781471.4	1,971.212	A	0.7

$$y = 0.0079 * x + 0.2123$$

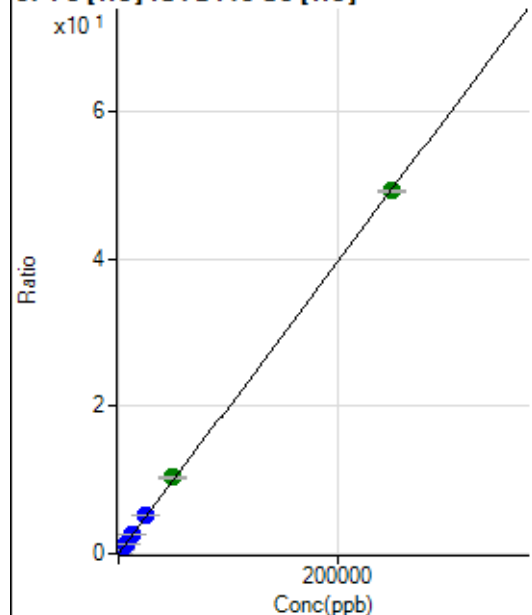
$$R = 1.0000$$

$$DL = 2.048$$

$$BEC = 26.87$$

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	2147.96	0.0082	P	1.6
2	☐	50.000	54.815	5065.34	0.0190	P	2.6
3	☐	2500.000	2651.302	140337.04	0.5324	P	1.7
4	☐	6250.000	6658.408	339772.99	1.3248	P	1.1
5	☐	12500.000	13161.985	648953.76	2.6108	P	0.4
6	☐	25000.000	26589.223	1325135.16	5.2660	P	1.4
7	☐	50000.000	52313.794	2623080.00	10.3528	A	0.7
8	☐	250000.00	249333.49	14403921.18	49.3121	A	0.7

$$y = 1.9774\text{E-}004 * x + 0.0082$$

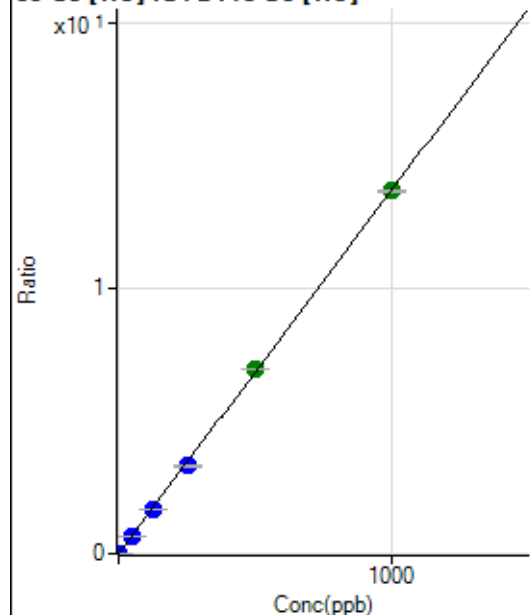
$$R = 0.9999$$

$$DL = 1.933$$

$$BEC = 41.26$$

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	161.11	0.0006	P	16.4
2	☐	1.000	1.105	4196.19	0.0157	P	2.3
3	☐	50.000	48.888	176556.96	0.6698	P	0.9
4	☐	125.000	121.256	425878.63	1.6604	P	0.2
5	☐	250.000	241.076	820385.74	3.3006	P	0.7
6	☐	500.000	508.414	1751699.28	6.9601	A	0.2
7	☐	1000.000	998.547	3463543.63	13.6693	A	0.5
8	☐			10449.29	0.0358	P	3.2

$$y = 0.0137 * x + 6.1168\text{E-}004$$

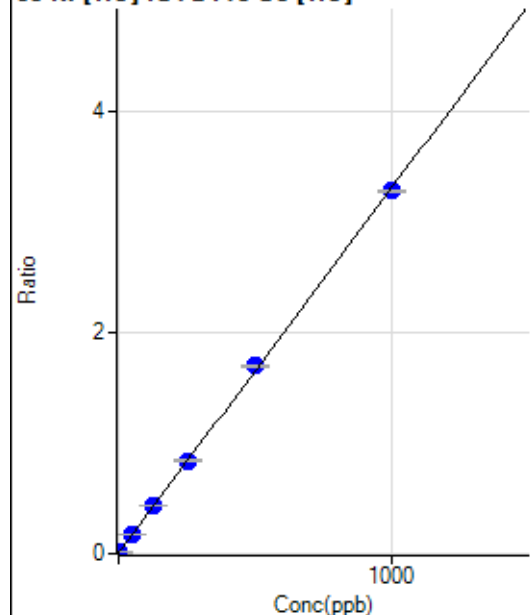
$$R = 0.9999$$

$$DL = 0.02198$$

$$BEC = 0.04469$$

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	1292.29	0.0049	P	5.4
2	☐	1.000	1.449	2583.58	0.0097	P	6.3
3	☐	50.000	51.659	46250.03	0.1755	P	0.3
4	☐	125.000	128.688	110218.09	0.4297	P	0.9
5	☐	250.000	253.355	209115.30	0.8413	P	0.7
6	☐	500.000	512.250	426786.38	1.6960	P	1.4
7	☐	1000.000	992.492	831400.34	3.2815	P	0.8
8	☐			6483.68	0.0222	P	1.7

$$y = 0.0033 * x + 0.0049$$

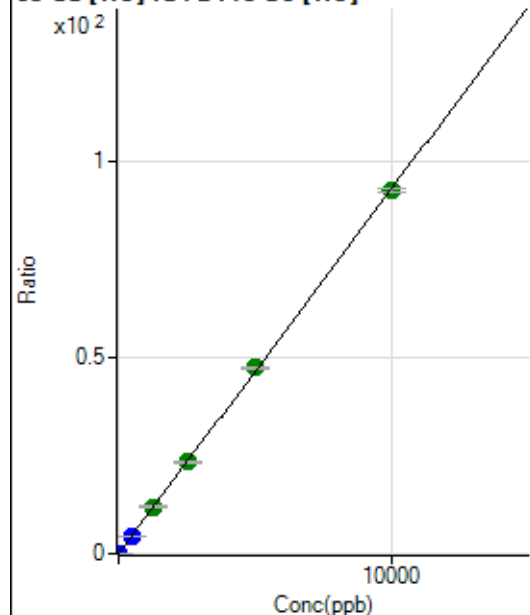
$$R = 0.9999$$

$$DL = 0.2395$$

$$BEC = 1.487$$

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	2586.91	0.0098	P	1.8
2	☐	2.000	2.175	8020.00	0.0301	P	2.0
3	☐	500.000	492.697	1211701.86	4.5969	P	1.2
4	☐	1250.000	1284.564	3069708.01	11.9694	A	1.4
5	☐	2500.000	2510.339	5811653.11	23.3816	A	0.8
6	☐	5000.000	5094.597	11938959.54	47.4417	A	0.9
7	☐	10000.000	9946.161	23463657.43	92.6108	A	1.2
8	☐			9063.92	0.0310	P	0.8

$$y = 0.0093 * x + 0.0098$$

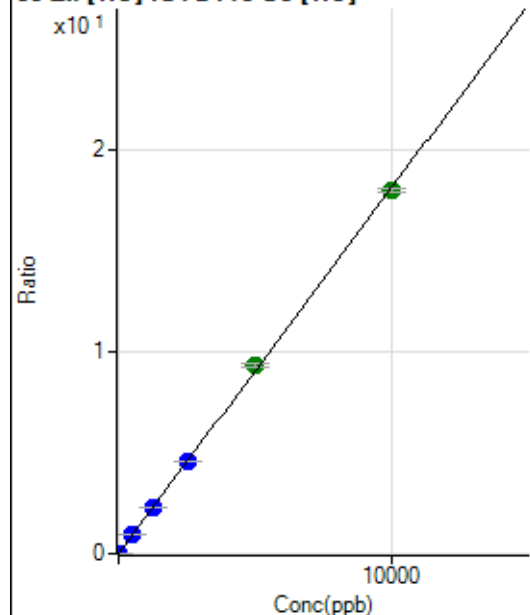
$$R = 0.9999$$

$$DL = 0.05676$$

$$BEC = 1.055$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	464.46	0.0018	P	15.9
2	☐	5.000	5.329	3041.45	0.0114	P	1.8
3	☐	500.000	505.226	241425.88	0.9159	P	0.6
4	☐	1250.000	1267.858	588760.42	2.2957	P	1.2
5	☐	2500.000	2514.676	1131344.86	4.5516	P	0.3
6	☐	5000.000	5151.923	2345839.91	9.3232	A	2.4
7	☐	10000.000	9917.876	4546879.48	17.9462	A	1.0
8	☐			28998.21	0.0993	P	1.0

$$y = 0.0018 * x + 0.0018$$

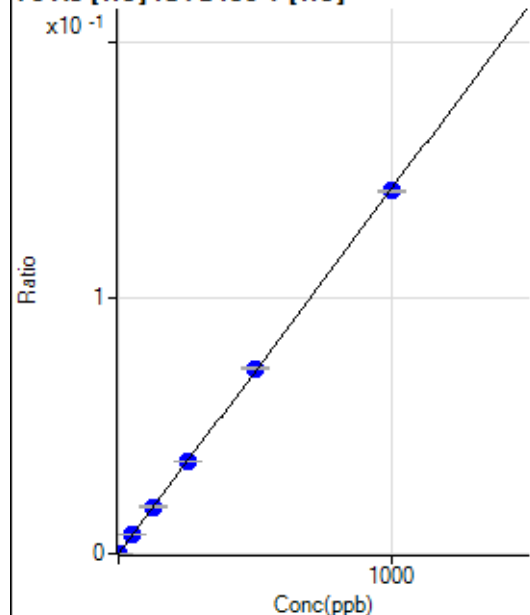
$$R = 0.9998$$

$$DL = 0.4643$$

$$BEC = 0.9756$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	24.7
2	☐	1.000	1.173	391.12	0.0002	P	8.6
3	☐	50.000	51.617	16493.73	0.0074	P	2.5
4	☐	125.000	128.236	40328.06	0.0183	P	2.6
5	☐	250.000	251.975	77421.50	0.0359	P	0.1
6	☐	500.000	508.730	158352.78	0.0724	P	1.0
7	☐	1000.000	994.656	311886.46	0.1416	P	0.7
8	☐			202.23	0.0001	P	10.8

$$y = 1.4239E-004 * x + 3.5000E-006$$

$$R = 0.9999$$

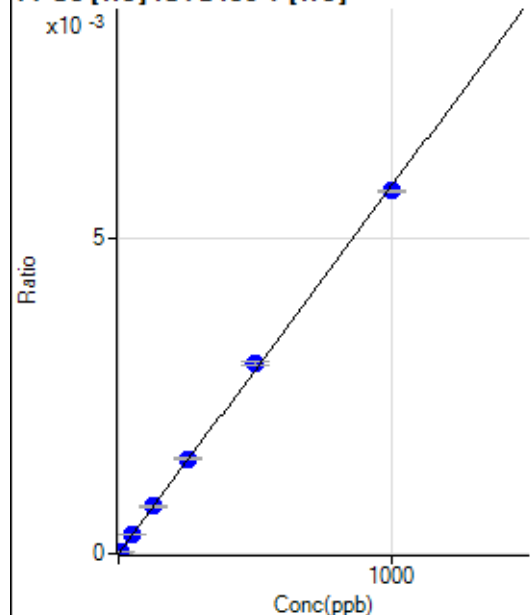
$$DL = 0.0182$$

$$BEC = 0.02458$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	5.000	4.562	64.45	0.0000	P	6.4
3	☐	50.000	52.810	693.36	0.0003	P	6.2
4	☐	125.000	129.379	1667.89	0.0008	P	5.4
5	☐	250.000	257.641	3241.50	0.0015	P	1.5
6	☐	500.000	519.960	6623.77	0.0030	P	2.1
7	☐	1000.000	987.424	12669.95	0.0058	P	0.9
8	☐			5.55	0.0000	P	125.

$$y = 5.8253\text{E-}006 * x + 1.4991\text{E-}006$$

$$R = 0.9997$$

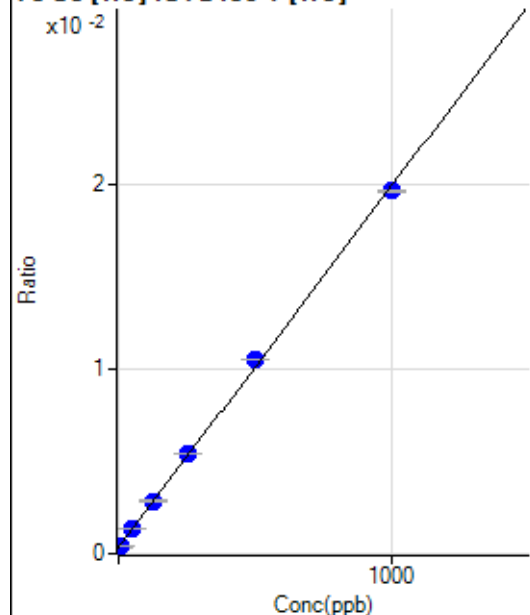
$$DL = 1.337$$

$$BEC = 0.2573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	757.81	0.0003	P	2.0
2	☐	5.000	5.860	1046.71	0.0005	P	5.8
3	☐	50.000	50.787	2998.11	0.0013	P	0.9
4	☐	125.000	128.362	6310.30	0.0029	P	5.2
5	☐	250.000	259.150	11696.94	0.0054	P	1.6
6	☐	500.000	521.211	23082.57	0.0106	P	0.3
7	☐	1000.000	986.643	43344.50	0.0197	P	0.8
8	☐			816.70	0.0003	P	0.8

$$y = 1.9604\text{E-}005 * x + 3.4094\text{E-}004$$

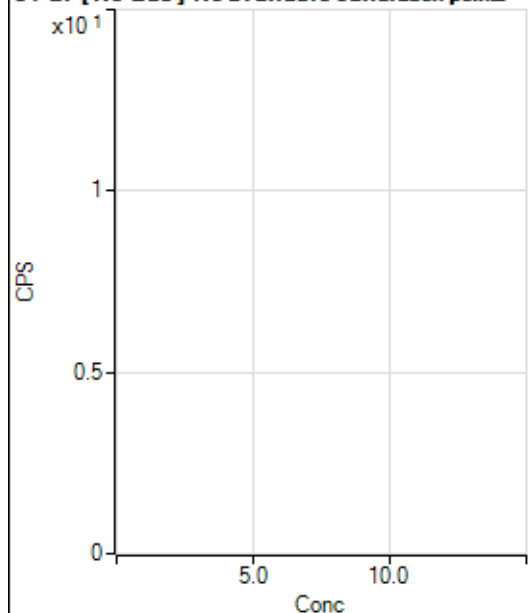
$$R = 0.9996$$

$$DL = 1.039$$

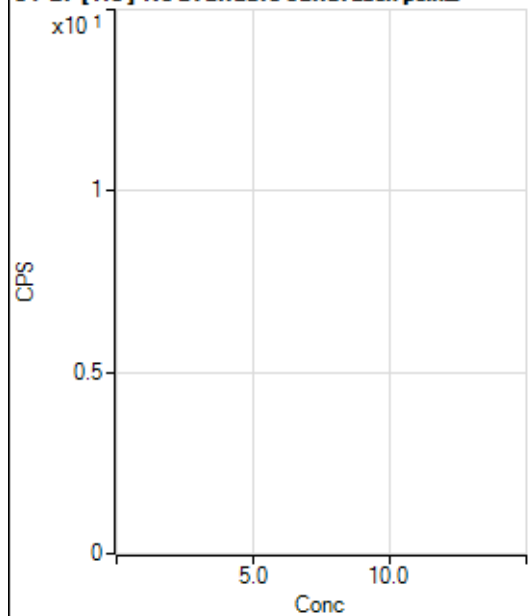
$$BEC = 17.39$$

Weight: <None>

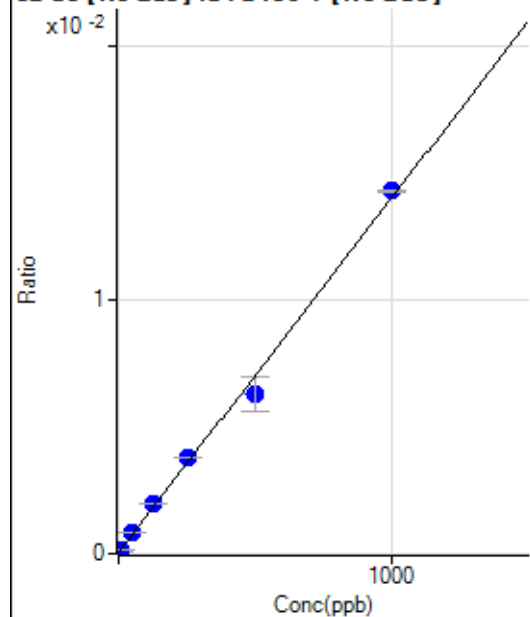
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28706.93		P	1.9
2	☐			29874.81		P	1.3
3	☐			28789.34		P	1.4
4	☐			26796.69		P	2.0
5	☐			25298.44		P	1.8
6	☐			25262.85		P	0.7
7	☐			26958.02		P	1.6
8	☐			29789.07		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			188.89		P	13.2
2	☐			141.12		P	21.4
3	☐			118.89		P	13.8
4	☐			118.89		P	19.1
5	☐			122.23		P	11.4
6	☐			136.67		P	24.0
7	☐			151.11		P	14.4
8	☐			163.33		P	23.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	345.73	0.0000	P	15.5
2	☐	5.000	5.501	913.59	0.0001	P	4.1
3	☐	50.000	54.520	5912.68	0.0008	P	1.1
4	☐	125.000	136.634	13909.93	0.0020	P	1.7
5	☐	250.000	267.972	26024.33	0.0038	P	0.8
6	☐	500.000	446.627	46485.16	0.0063	P	22.3
7	☐	1000.000	1020.511	98919.97	0.0143	P	0.5
8	☐			531.39	0.0001	P	11.2

$$y = 1.3981E-005 * x + 4.7139E-005$$

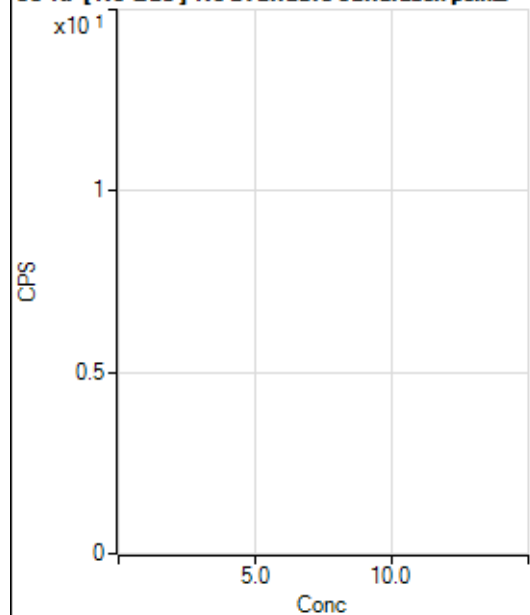
$$R = 0.9977$$

$$DL = 1.563$$

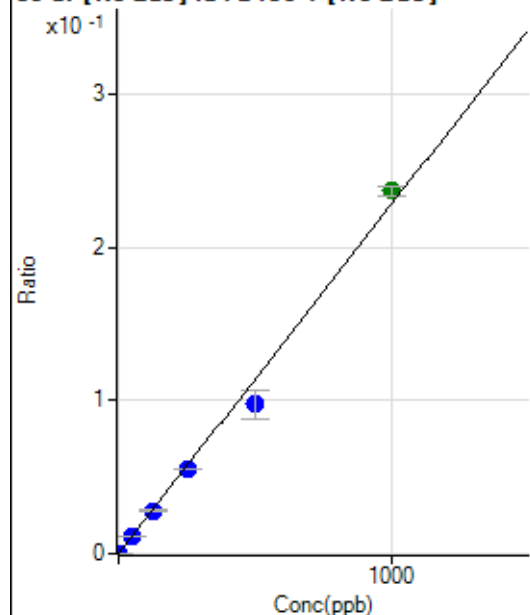
$$BEC = 3.372$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			330.01		P	9.7
2	☐			325.56		P	4.8
3	☐			313.34		P	9.3
4	☐			327.79		P	16.3
5	☐			334.45		P	8.0
6	☐			444.46		P	27.3
7	☐			322.23		P	10.9
8	☐			426.67		P	2.7

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.35	0.0001	P	7.1
2	☐	1.000	1.093	2421.34	0.0003	P	3.1
3	☐	50.000	49.629	83244.79	0.0114	P	1.3
4	☐	125.000	123.482	200657.92	0.0282	P	1.1
5	☐	250.000	242.594	380000.84	0.0554	P	0.5
6	☐	500.000	427.217	721726.05	0.0975	P	19.6
7	☐	1000.000	1038.451	1636704.21	0.2369	A	2.3
8	☐			6542.63	0.0008	P	1.1

$$y = 2.2802\text{E-}004 * x + 7.9600\text{E-}005$$

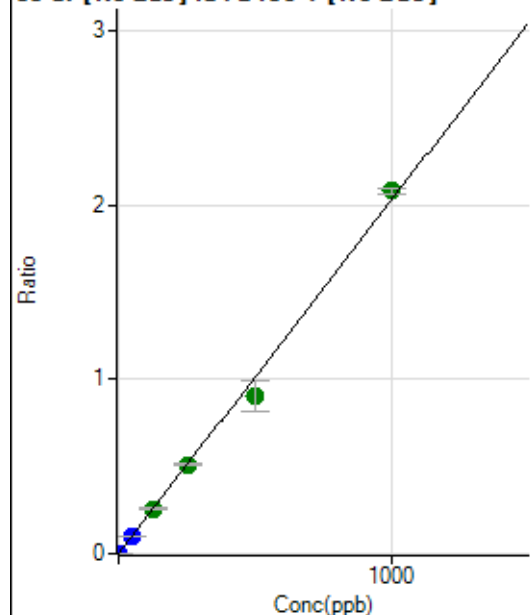
$$R = 0.9962$$

$$DL = 0.07405$$

$$BEC = 0.3491$$

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	98.89	0.0000	P	22.9
2	☐	1.000	1.046	15760.76	0.0021	P	0.6
3	☐	50.000	48.919	726093.32	0.0994	P	1.7
4	☐	125.000	126.783	1830581.34	0.2576	A	1.8
5	☐	250.000	252.675	3521525.36	0.5134	A	1.1
6	☐	500.000	446.366	6712186.22	0.9069	A	19.9
7	☐	1000.000	1025.980	14404345.90	2.0845	A	1.9
8	☐			53532.60	0.0068	P	1.7

$$y = 0.0020 * x + 1.3491\text{E-}005$$

$$R = 0.9979$$

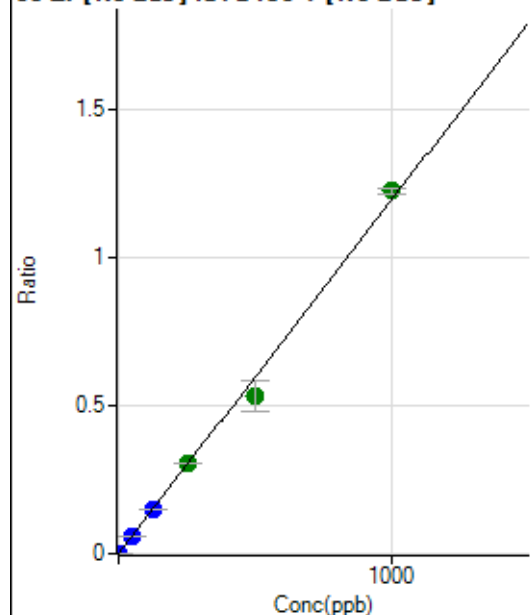
$$DL = 0.004552$$

$$BEC = 0.00664$$

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	296.67	0.0000	P	9.9
2	☐	1.000	1.049	9517.61	0.0013	P	1.3
3	☐	50.000	48.912	426710.95	0.0584	P	1.9
4	☐	125.000	123.481	1047613.58	0.1474	P	1.1
5	☐	250.000	253.972	2079748.10	0.3032	A	0.6
6	☐	500.000	446.627	3948446.47	0.5331	A	19.0
7	☐	1000.000	1025.938	8461418.90	1.2245	A	1.9
8	☐			4758.59	0.0006	P	1.9

$$y = 0.0012 * x + 4.0497E-005$$

$$R = 0.9979$$

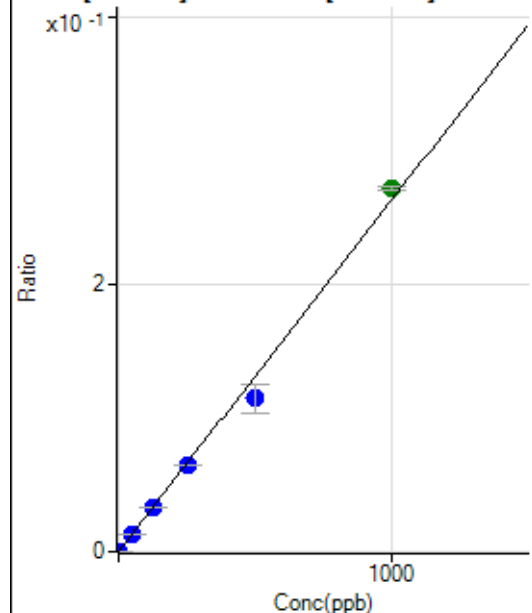
$$DL = 0.01003$$

$$BEC = 0.03393$$

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	63.33	0.0000	P	14.6
2	☐	1.000	1.078	2147.96	0.0003	P	6.2
3	☐	50.000	49.837	95627.71	0.0131	P	1.5
4	☐	125.000	125.943	235004.53	0.0331	P	0.9
5	☐	250.000	247.497	445749.54	0.0650	P	0.1
6	☐	500.000	435.733	846833.74	0.1144	P	19.6
7	☐	1000.000	1032.649	1873250.49	0.2711	A	1.2
8	☐			1070.05	0.0001	P	3.1

$$y = 2.6251E-004 * x + 8.6452E-006$$

$$R = 0.9970$$

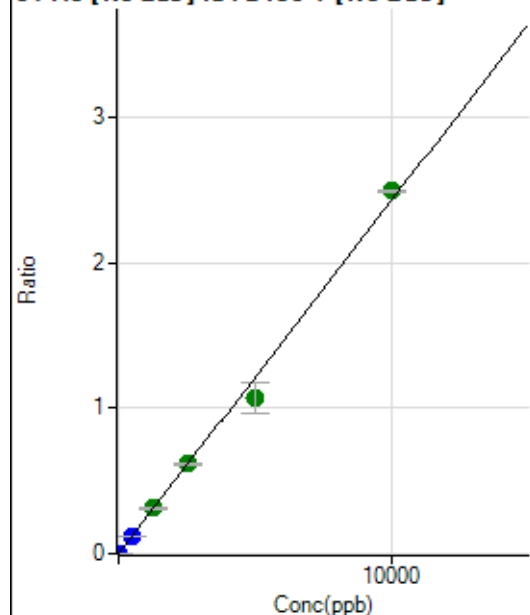
$$DL = 0.01443$$

$$BEC = 0.03293$$

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	185.56	0.0000	P	31.6
2	☐	5.000	6.314	11493.50	0.0016	P	2.6
3	☐	500.000	490.590	871511.46	0.1193	P	1.6
4	☐	1250.000	1281.943	2215208.16	0.3117	A	1.5
5	☐	2500.000	2533.488	4226006.01	0.6160	A	0.7
6	☐	5000.000	4430.082	7975040.99	1.0772	A	19.5
7	☐	10000.000	10273.064	17261340.16	2.4979	A	0.7
8	☐			4809.73	0.0006	P	1.3

$$y = 2.4315E-004 * x + 2.5268E-005$$

$$R = 0.9976$$

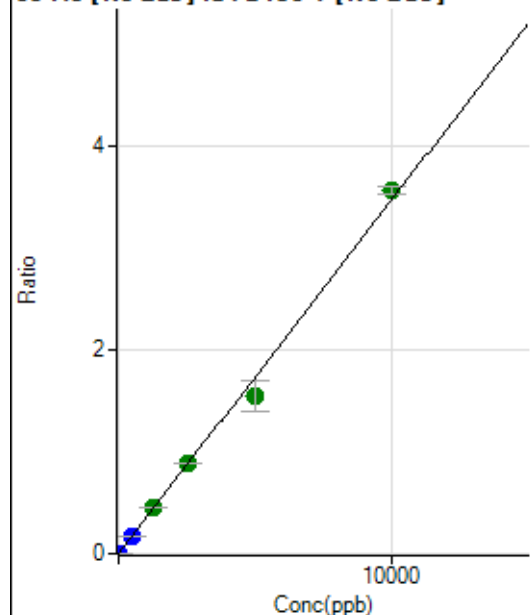
$$DL = 0.09847$$

$$BEC = 0.1039$$

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	145.56	0.0000	P	38.9
2	☐	5.000	5.261	13586.40	0.0018	P	2.0
3	☐	500.000	489.550	1240380.87	0.1698	P	1.5
4	☐	1250.000	1284.259	3165417.00	0.4454	A	0.7
5	☐	2500.000	2552.832	6074013.73	0.8854	A	1.3
6	☐	5000.000	4443.465	11412280.25	1.5411	A	19.2
7	☐	10000.000	10261.299	24592516.58	3.5589	A	2.0
8	☐			3925.01	0.0005	P	2.0

$$y = 3.4683E-004 * x + 1.9780E-005$$

$$R = 0.9977$$

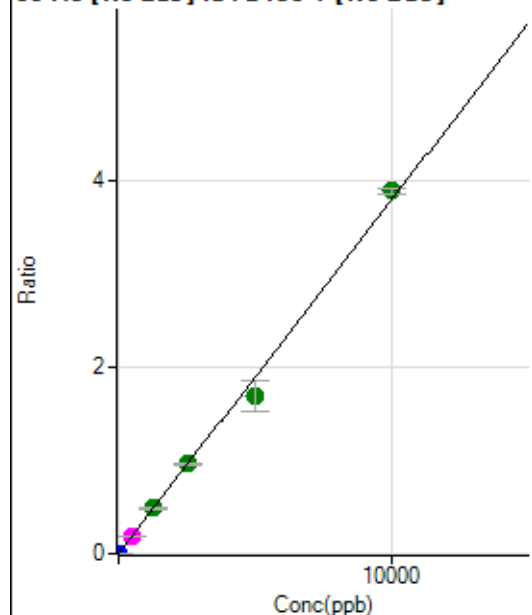
$$DL = 0.06657$$

$$BEC = 0.05703$$

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	254.45	0.0000	P	39.0
2	☐	5.000	5.385	15278.07	0.0021	P	1.5
3	☐	500.000	495.624	1371580.47	0.1878	M	1.9
4	☐	1250.000	1281.829	3450573.77	0.4856	A	0.8
5	☐	2500.000	2534.949	6587360.87	0.9602	A	0.5
6	☐	5000.000	4453.686	12490708.01	1.6870	A	19.4
7	☐	10000.000	10260.660	26856350.43	3.8866	A	1.4
8	☐			18652.06	0.0024	P	1.1

$$y = 3.7878\text{E-}004 * x + 3.4628\text{E-}005$$

$$R = 0.9978$$

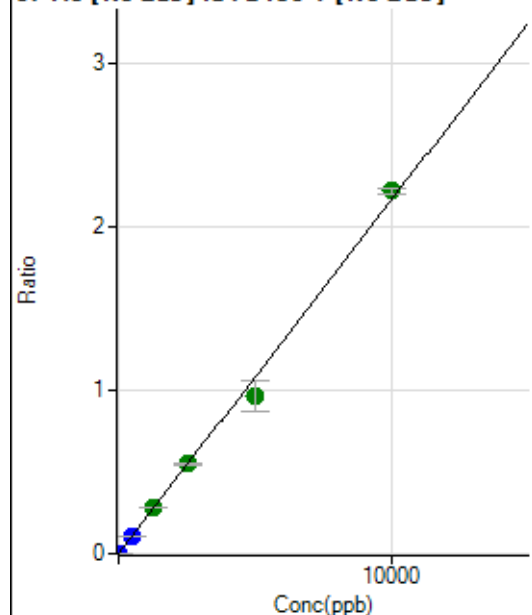
$$DL = 0.1068$$

$$BEC = 0.09142$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	40.9
2	☐	5.000	5.331	8585.94	0.0012	P	0.5
3	☐	500.000	497.076	784219.41	0.1074	P	1.7
4	☐	1250.000	1294.978	1987482.05	0.2797	A	0.6
5	☐	2500.000	2533.418	3752953.87	0.5471	A	1.4
6	☐	5000.000	4456.787	7124317.81	0.9625	A	19.8
7	☐	10000.000	10257.776	15307827.83	2.2153	A	1.6
8	☐			2626.93	0.0003	P	5.2

$$y = 2.1596\text{E-}004 * x + 1.4340\text{E-}005$$

$$R = 0.9978$$

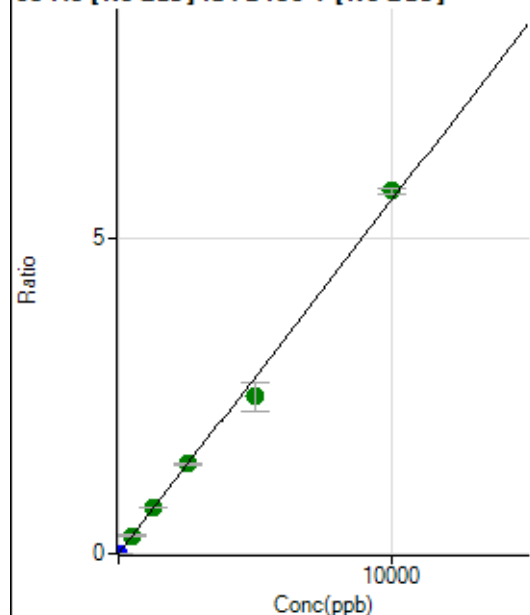
$$DL = 0.08151$$

$$BEC = 0.0664$$

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	221.12	0.0000	P	41.5
2	☐	5.000	5.285	21965.49	0.0030	P	2.4
3	☐	500.000	512.424	2090939.95	0.2862	A	2.1
4	☐	1250.000	1285.924	5104471.56	0.7183	A	0.5
5	☐	2500.000	2534.902	9712833.47	1.4159	A	0.7
6	☐	5000.000	4436.115	18349683.48	2.4779	A	19.1
7	☐	10000.000	10268.105	39633685.25	5.7354	A	1.8
8	☐			6066.88	0.0008	P	6.6

$$y = 5.5856E-004 * x + 3.0074E-005$$

$$R = 0.9977$$

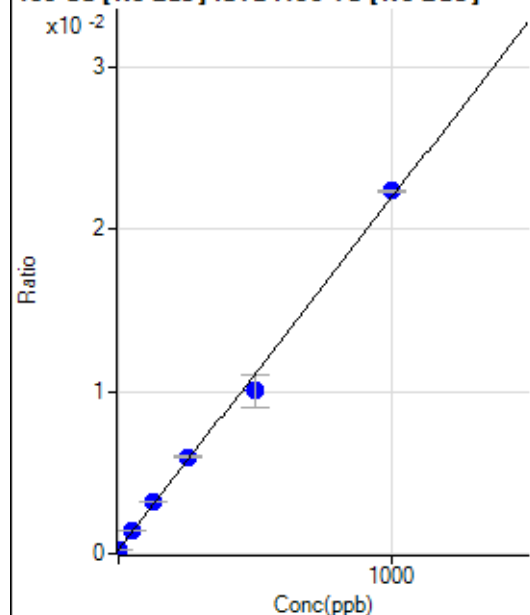
$$DL = 0.06703$$

$$BEC = 0.05384$$

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	1552.32	0.0003	P	4.0
2	☐	1.000	1.100	1707.90	0.0003	P	7.0
3	☐	50.000	55.457	8912.80	0.0015	P	2.1
4	☐	125.000	136.165	19168.31	0.0032	P	2.8
5	☐	250.000	263.841	35130.27	0.0060	P	1.2
6	☐	500.000	451.059	63922.24	0.0100	P	19.7
7	☐	1000.000	1019.341	133334.69	0.0224	P	0.7
8	☐			1860.14	0.0003	P	6.9

$$y = 2.1696E-005 * x + 2.5705E-004$$

$$R = 0.9981$$

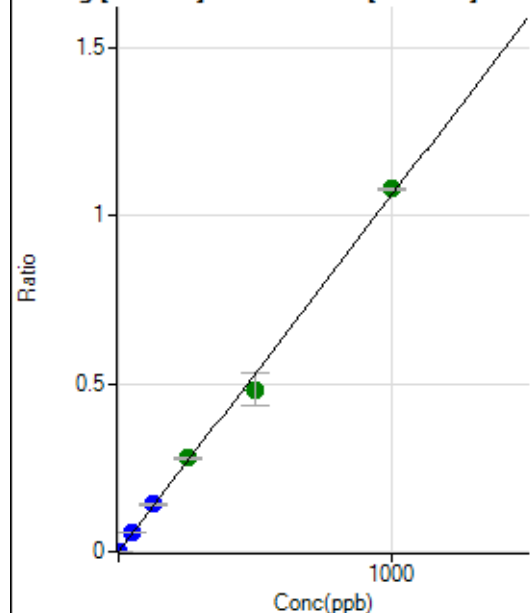
$$DL = 1.439$$

$$BEC = 11.85$$

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	61.11	0.0000	P	30.7
2	☐	1.000	1.142	7416.41	0.0012	P	3.4
3	☐	50.000	53.081	343319.01	0.0562	P	1.9
4	☐	125.000	132.288	836694.15	0.1402	P	1.9
5	☐	250.000	263.246	1637948.62	0.2789	A	2.0
6	☐	500.000	454.864	3066537.87	0.4819	A	20.1
7	☐	1000.000	1018.191	6428986.02	1.0787	A	0.5
8	☐			572.24	0.0001	P	9.4

$$y = 0.0011 * x + 1.0081E-005$$

$$R = 0.9984$$

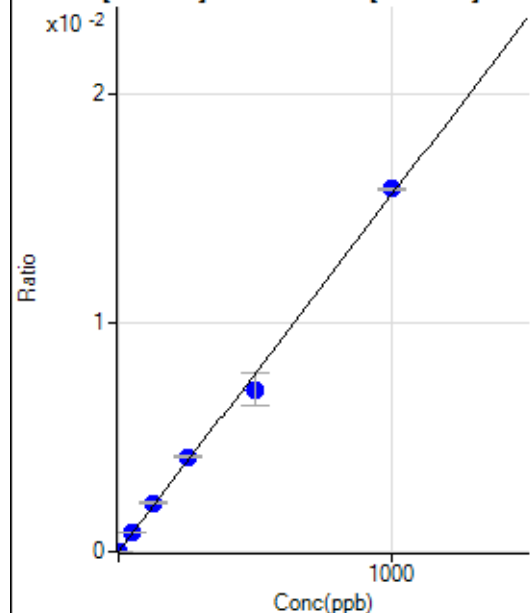
$$DL = 0.008763$$

$$BEC = 0.009515$$

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	4.44	0.0000	P	113.
2	☐	1.000	1.231	121.11	0.0000	P	17.0
3	☐	50.000	53.586	5095.39	0.0008	P	2.3
4	☐	125.000	136.419	12675.66	0.0021	P	3.7
5	☐	250.000	265.690	24288.22	0.0041	P	0.9
6	☐	500.000	454.378	44985.97	0.0071	P	20.4
7	☐	1000.000	1017.281	94350.83	0.0158	P	0.8
8	☐			52.22	0.0000	P	3.2

$$y = 1.5562E-005 * x + 7.4477E-007$$

$$R = 0.9983$$

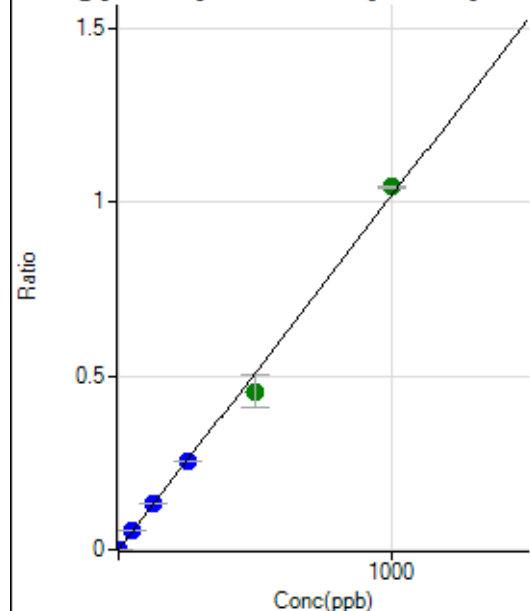
$$DL = 0.1634$$

$$BEC = 0.04786$$

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	32.22	0.0000	P	41.7
2	☐	1.000	1.085	6742.74	0.0011	P	5.4
3	☐	50.000	52.147	323640.94	0.0530	P	1.7
4	☐	125.000	130.424	791576.88	0.1326	P	2.1
5	☐	250.000	250.524	1495967.70	0.2547	P	0.9
6	☐	500.000	447.662	2896538.12	0.4551	A	19.9
7	☐	1000.000	1025.253	6212101.09	1.0424	A	0.4
8	☐			544.46	0.0001	P	9.2

$$y = 0.0010 * x + 5.3716E-006$$

$$R = 0.9980$$

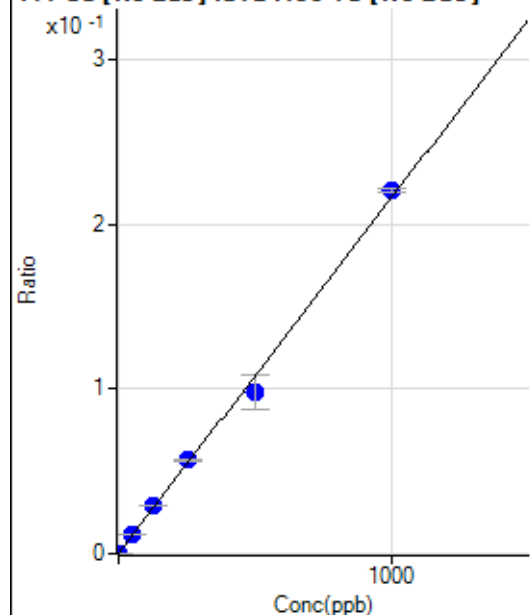
$$DL = 0.006605$$

$$BEC = 0.005283$$

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	1111.30	0.0002	P	4.9
2	☐	1.000	1.159	2639.74	0.0004	P	6.1
3	☐	50.000	54.348	72725.00	0.0119	P	2.0
4	☐	125.000	136.401	176854.28	0.0296	P	0.6
5	☐	250.000	262.060	333277.89	0.0567	P	1.2
6	☐	500.000	452.408	622058.49	0.0978	P	20.9
7	☐	1000.000	1019.138	1312063.13	0.2202	P	0.9
8	☐			1485.55	0.0002	P	8.7

$$y = 2.1584E-004 * x + 1.8397E-004$$

$$R = 0.9982$$

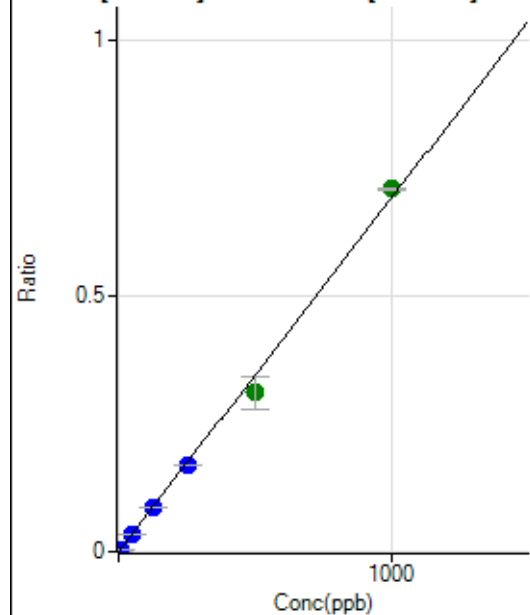
$$DL = 0.1262$$

$$BEC = 0.8524$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	851.15	0.0001	P	8.4
2	☐	5.000	5.300	23145.31	0.0038	P	0.5
3	☐	50.000	50.448	213812.08	0.0350	P	1.8
4	☐	125.000	126.698	523892.16	0.0878	P	1.2
5	☐	250.000	245.185	996690.15	0.1697	P	0.9
6	☐	500.000	450.170	1980959.31	0.3115	A	20.6
7	☐	1000.000	1025.883	4228790.73	0.7096	A	0.7
8	☐			1450.09	0.0002	P	6.6

$$y = 6.9155\text{E-}004 * x + 1.4128\text{E-}004$$

$$R = 0.9982$$

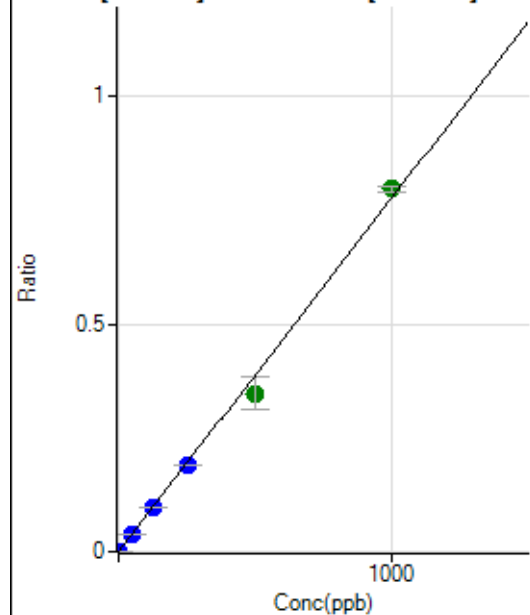
$$DL = 0.05131$$

$$BEC = 0.2043$$

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	25.56	0.0000	P	21.9
2	☐	2.000	2.138	10111.42	0.0017	P	1.1
3	☐	50.000	50.623	239779.99	0.0393	P	1.6
4	☐	125.000	126.719	586959.62	0.0983	P	1.3
5	☐	250.000	245.509	1118800.20	0.1905	P	1.1
6	☐	500.000	448.045	2211785.40	0.3476	A	20.4
7	☐	1000.000	1026.854	4748449.65	0.7967	A	1.3
8	☐			3212.61	0.0005	P	3.3

$$y = 7.7590\text{E-}004 * x + 4.2505\text{E-}006$$

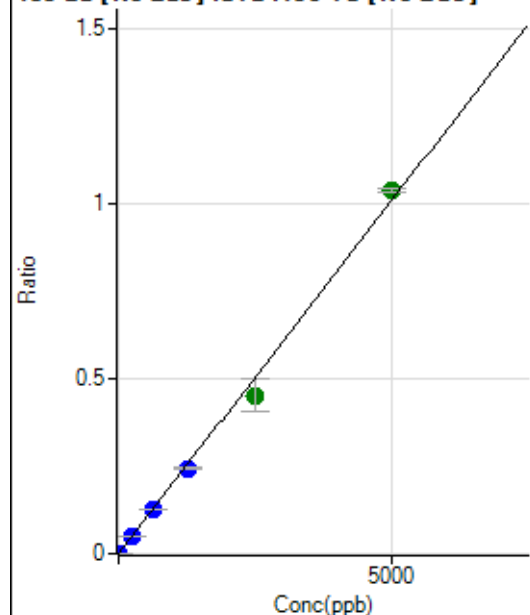
$$R = 0.9980$$

$$DL = 0.003601$$

$$BEC = 0.005478$$

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	26.67	0.0000	P	47.4
2	☐	10.000	10.398	12798.06	0.0021	P	1.3
3	☐	250.000	245.708	302989.42	0.0496	P	1.6
4	☐	625.000	620.074	747747.59	0.1253	P	1.4
5	☐	1250.000	1208.534	1433816.59	0.2441	P	1.0
6	☐	2500.000	2245.595	2884440.03	0.4536	A	20.8
7	☐	5000.000	5138.398	6186113.80	1.0380	A	1.1
8	☐			2742.51	0.0004	P	3.5

$$y = 2.0200\text{E-}004 * x + 4.3778\text{E-}006$$

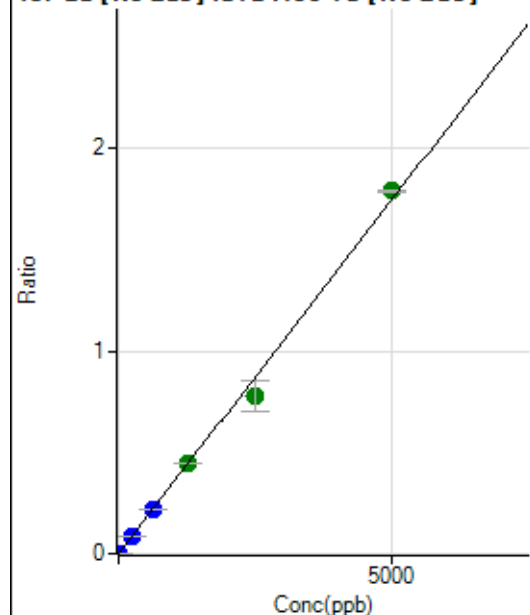
$$R = 0.9981$$

$$DL = 0.03081$$

$$BEC = 0.02167$$

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	32.22	0.0000	P	32.7
2	☐	10.000	10.675	22697.07	0.0037	P	1.3
3	☐	250.000	245.367	523009.88	0.0857	P	1.9
4	☐	625.000	618.910	1290154.11	0.2161	P	1.4
5	☐	1250.000	1273.339	2611412.06	0.4446	A	1.0
6	☐	2500.000	2226.315	4945841.04	0.7774	A	20.2
7	☐	5000.000	5131.999	10679959.08	1.7920	A	0.6
8	☐			4674.15	0.0007	P	4.4

$$y = 3.4919\text{E-}004 * x + 5.3584\text{E-}006$$

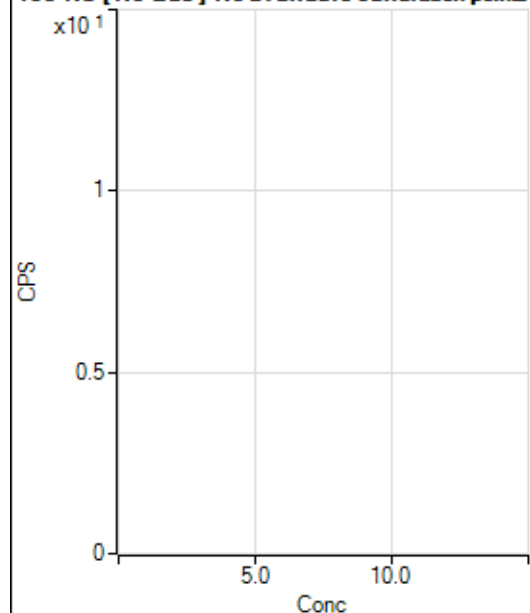
$$R = 0.9978$$

$$DL = 0.01507$$

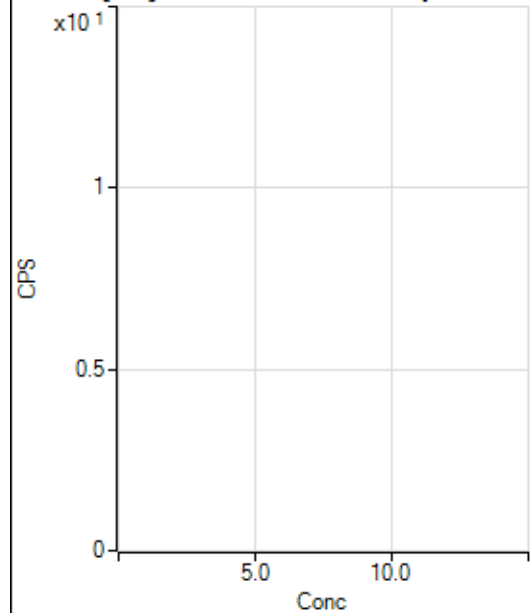
$$BEC = 0.01535$$

Weight: <None>

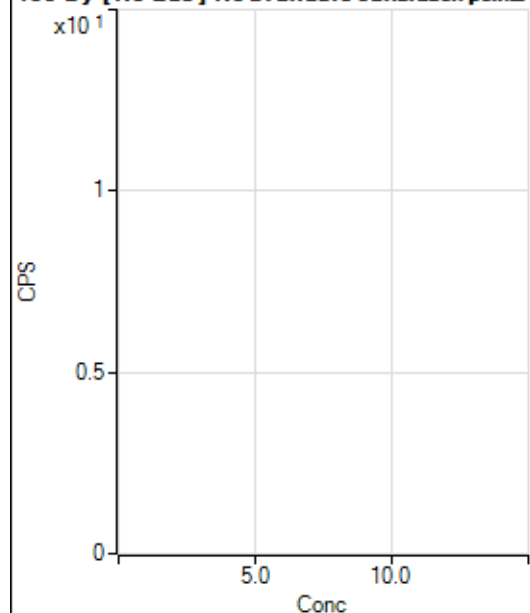
Min Conc: 0

150 Nd [No Gas] No available calibration points

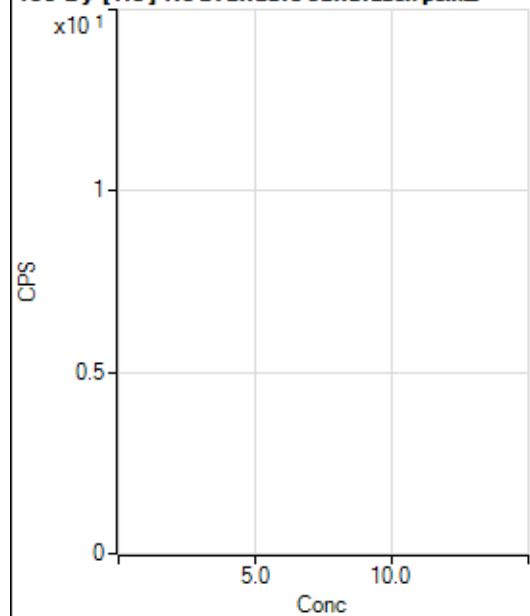
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			8.89		P	78.1
3	☐			23.33		P	37.8
4	☐			51.11		P	13.6
5	☐			93.33		P	28.4
6	☐			157.78		P	12.0
7	☐			300.01		P	6.7
8	☐			105.56		P	14.9

150 Nd [He] No available calibration points

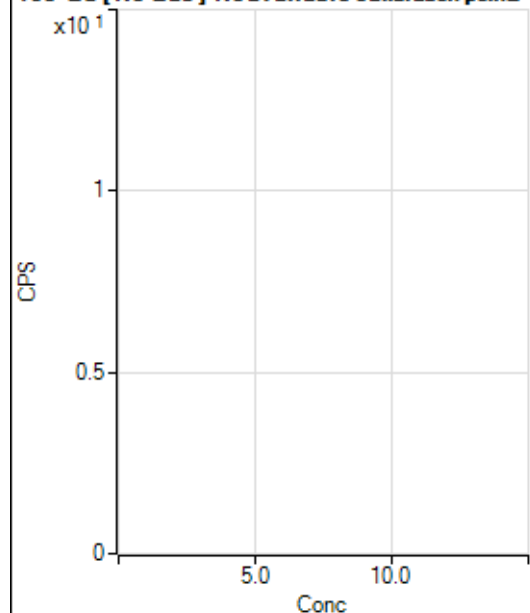
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			4.44		P	43.4
3	☐			4.45		P	86.6
4	☐			6.67		P	50.0
5	☐			16.67		P	40.0
6	☐			43.33		P	30.8
7	☐			71.11		P	24.1
8	☐			63.33		P	5.3

156 Dy [No Gas] No available calibration points

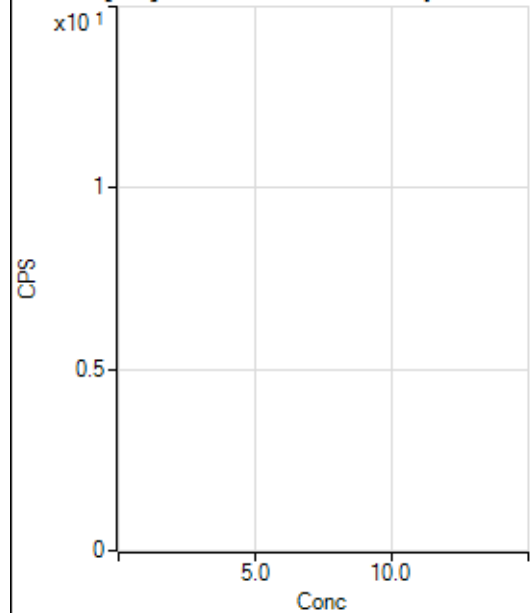
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			11.11		P	45.8
3	☐			14.44		P	53.3
4	☐			18.89		P	36.7
5	☐			18.89		P	20.4
6	☐			50.00		P	11.5
7	☐			90.00		P	13.4
8	☐			167.78		P	9.0

156 Dy [He] No available calibration points

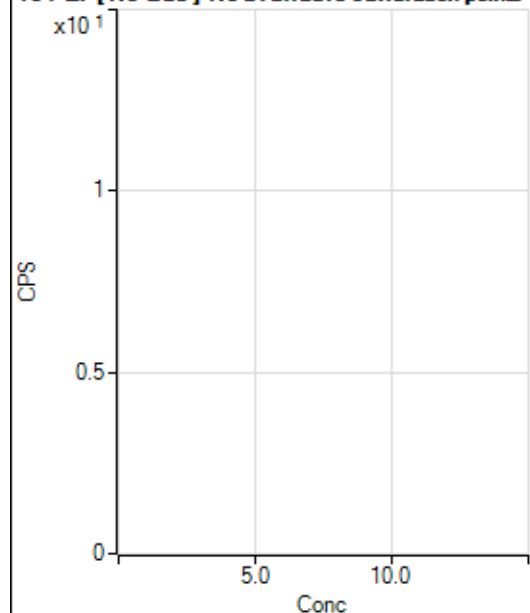
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			7.78		P	49.5
3	☐			20.00		P	60.1
4	☐			51.11		P	42.4
5	☐			77.78		P	5.0
6	☐			188.89		P	8.9
7	☐			303.34		P	2.2
8	☐			133.34		P	2.5

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

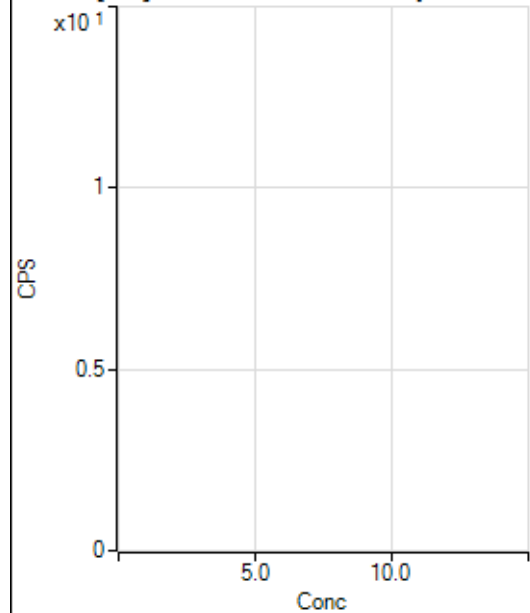
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			24.45		P	28.4
3	☐			24.44		P	7.9
4	☐			22.22		P	69.3
5	☐			23.33		P	37.8
6	☐			53.33		P	10.8
7	☐			55.55		P	24.2
8	☐			181.11		P	12.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			232.23		P	9.6
2	☐			243.34		P	25.4
3	☐			263.34		P	12.1
4	☐			261.12		P	4.1
5	☐			235.56		P	13.1
6	☐			277.78		P	3.5
7	☐			268.89		P	6.4
8	☐			394.45		P	9.1

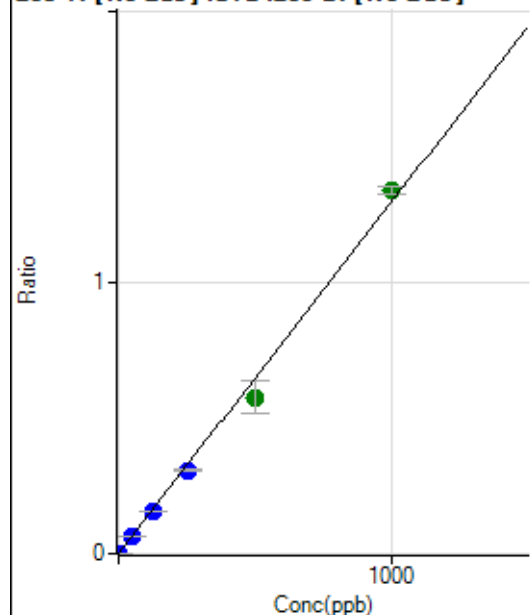
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	26.0
2	☐			38.89		P	4.9
3	☐			44.44		P	38.5
4	☐			42.22		P	44.9
5	☐			52.22		P	32.1
6	☐			72.22		P	23.2
7	☐			92.22		P	26.1
8	☐			266.67		P	8.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	61.9
2	☐			36.67		P	9.1
3	☐			34.44		P	40.3
4	☐			44.44		P	28.4
5	☐			34.44		P	24.3
6	☐			46.67		P	21.4
7	☐			76.67		P	30.4
8	☐			210.00		P	3.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0000	P	6.9
2	☐	1.000	1.037	4906.49	0.0014	P	6.2
3	☐	50.000	46.986	220756.06	0.0609	P	1.5
4	☐	125.000	120.137	552587.14	0.1556	P	1.0
5	☐	250.000	236.500	1081934.76	0.3063	P	1.2
6	☐	500.000	445.074	2231235.13	0.5764	A	20.5
7	☐	1000.000	1031.597	4710808.02	1.3360	A	2.0
8	☐			448.90	0.0001	P	3.8

$$y = 0.0013 * x + 4.0770E-005$$

$$R = 0.9977$$

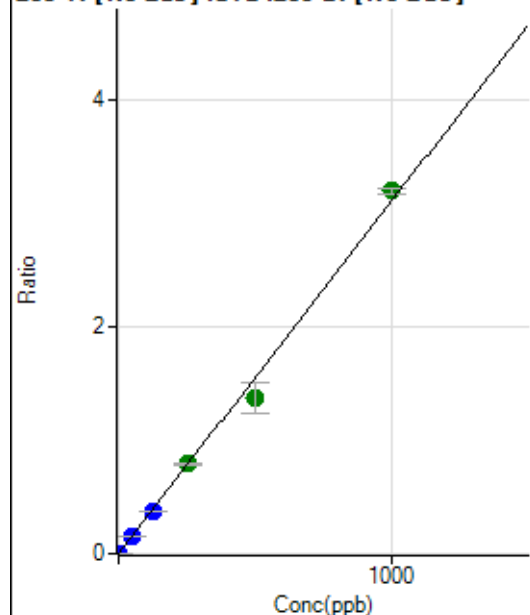
$$DL = 0.006526$$

$$BEC = 0.03148$$

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	358.90	0.0001	P	8.5
2	☐	1.000	1.018	11561.67	0.0033	P	2.6
3	☐	50.000	46.703	526152.23	0.1451	P	1.5
4	☐	125.000	119.038	1312995.68	0.3698	P	0.3
5	☐	250.000	253.728	2783415.17	0.7880	A	0.5
6	☐	500.000	441.098	5304045.69	1.3699	A	20.0
7	☐	1000.000	1029.429	11272448.72	3.1970	A	1.6
8	☐			1058.94	0.0003	P	8.3

$$y = 0.0031 * x + 9.9701E-005$$

$$R = 0.9975$$

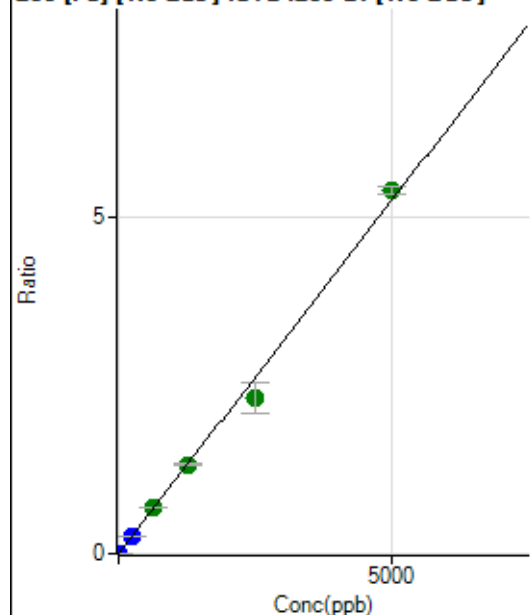
$$DL = 0.008228$$

$$BEC = 0.0321$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	264.45	0.0001	P	12.5
2	☐	1.000	1.011	4032.86	0.0011	P	2.2
3	☐	250.000	236.501	901873.62	0.2488	P	1.4
4	☐	625.000	647.797	2419079.51	0.6812	A	1.1
5	☐	1250.000	1259.417	4677262.85	1.3244	A	2.3
6	☐	2500.000	2210.816	9006898.06	2.3248	A	19.1
7	☐	5000.000	5140.063	19057967.21	5.4050	A	2.2
8	☐			21496.00	0.0061	P	1.2

$$y = 0.0011 * x + 7.3491E-005$$

$$R = 0.9976$$

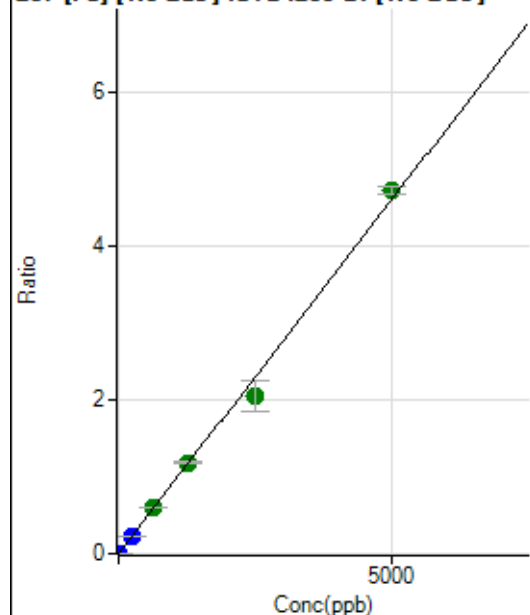
$$DL = 0.02631$$

$$BEC = 0.06989$$

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	268.89	0.0001	P	13.5
2	☐	1.000	1.002	3529.39	0.0010	P	3.0
3	☐	250.000	232.812	775356.10	0.2139	P	1.2
4	☐	625.000	648.082	2113554.54	0.5952	A	0.6
5	☐	1250.000	1284.102	4165110.46	1.1793	A	1.3
6	☐	2500.000	2223.770	7909747.45	2.0422	A	19.6
7	☐	5000.000	5127.564	16603522.67	4.7089	A	2.0
8	☐			18341.34	0.0052	P	1.9

$$y = 9.1833E-004 * x + 7.4709E-005$$

$$R = 0.9978$$

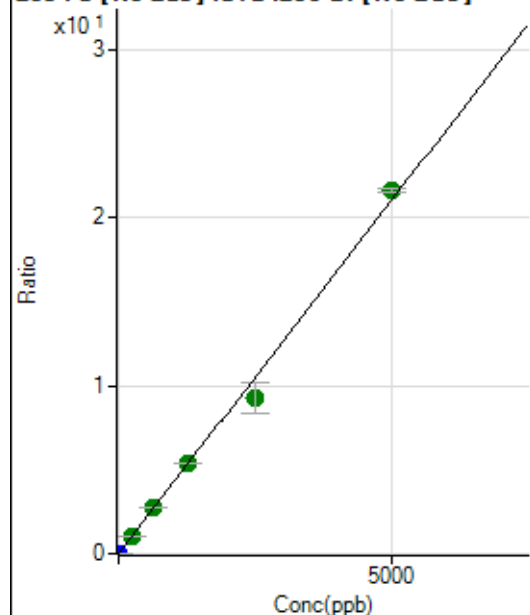
$$DL = 0.03306$$

$$BEC = 0.08135$$

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	1075.58	0.0003	P	10.2
2	☐	1.000	1.016	16216.19	0.0046	P	1.3
3	☐	250.000	243.481	3711571.44	1.0237	A	0.4
4	☐	625.000	646.201	9645968.80	2.7165	A	0.1
5	☐	1250.000	1275.176	18932324.06	5.3603	A	0.9
6	☐	2500.000	2210.128	35988831.34	9.2902	A	19.2
7	☐	5000.000	5136.318	76125961.50	21.5900	A	1.1
8	☐			84699.02	0.0240	P	1.2

$$y = 0.0042 * x + 2.9875E-004$$

$$R = 0.9975$$

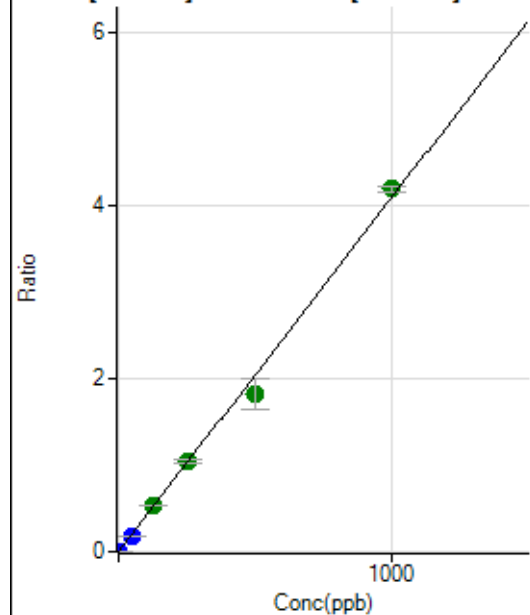
$$DL = 0.02179$$

$$BEC = 0.07108$$

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	15.56	0.0000	P	30.6
2	☐	1.000	1.014	14749.39	0.0042	P	0.1
3	☐	50.000	45.716	678886.83	0.1873	P	1.4
4	☐	125.000	128.728	1872378.50	0.5273	A	0.6
5	☐	250.000	255.903	3702388.03	1.0482	A	3.2
6	☐	500.000	445.779	7068156.63	1.8260	A	20.3
7	☐	1000.000	1025.383	14809483.53	4.2001	A	1.3
8	☐			635.58	0.0002	P	17.9

$$y = 0.0041 * x + 4.3004E-006$$

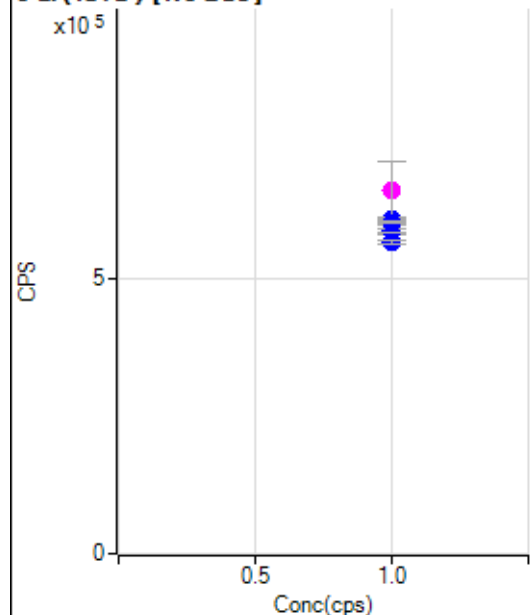
$$R = 0.9978$$

$$DL = 0.0009637$$

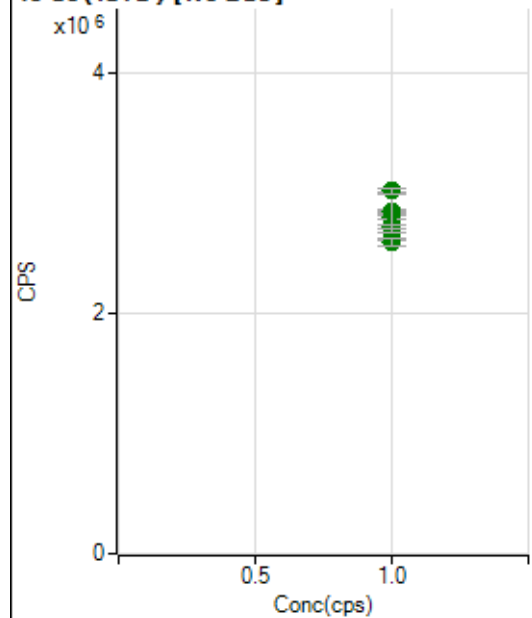
$$BEC = 0.00105$$

Weight: <None>

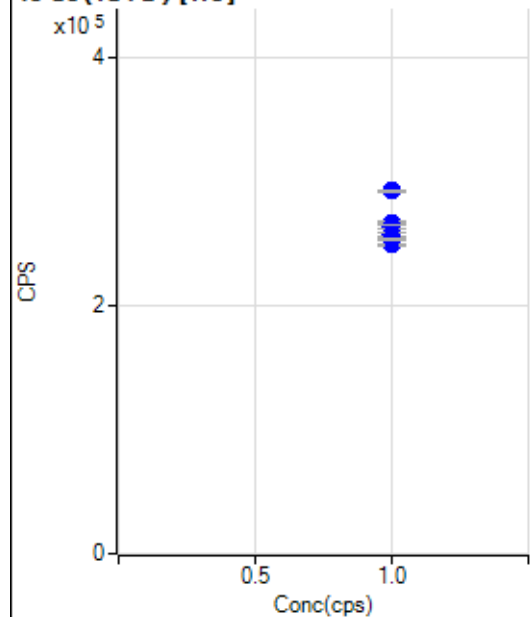
Min Conc: 0

6 Li (ISTD) [No Gas]

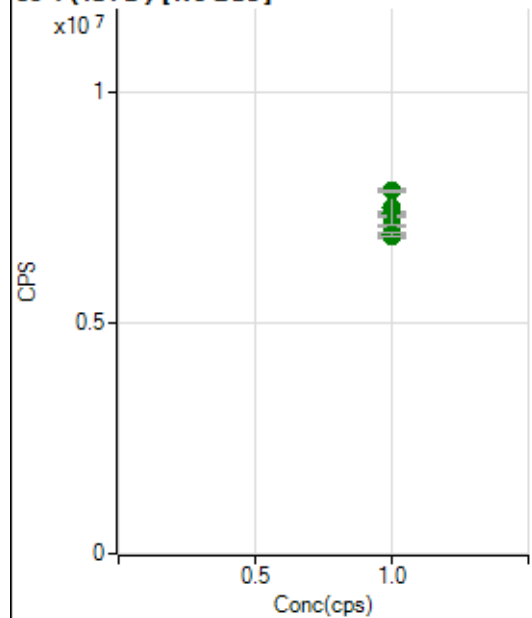
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		584930.78		P	1.8
2	☐	1.000		595752.43		P	0.3
3	☐	1.000		606921.40		P	1.0
4	☐	1.000		597533.11		P	0.8
5	☐	1.000		587220.77		P	0.9
6	☐	1.000		658358.80		M	15.8
7	☐	1.000		565601.26		P	0.7
8	☐	1.000		601551.20		P	1.0

45 Sc (ISTD) [No Gas]

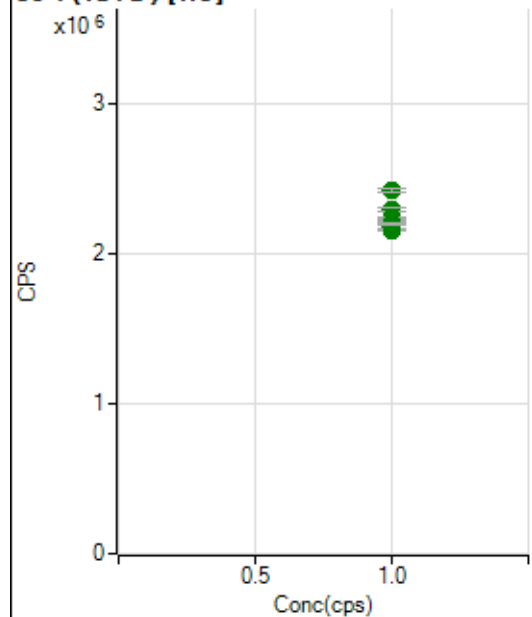
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2838615.06		A	1.9
2	☐	1.000		2853110.27		A	0.5
3	☐	1.000		2806541.73		A	1.6
4	☐	1.000		2723214.51		A	1.2
5	☐	1.000		2621281.28		A	0.7
6	☐	1.000		2842618.36		A	11.8
7	☐	1.000		2597677.01		A	2.3
8	☐	1.000		3020516.79		A	1.3

45 Sc (ISTD) [He]

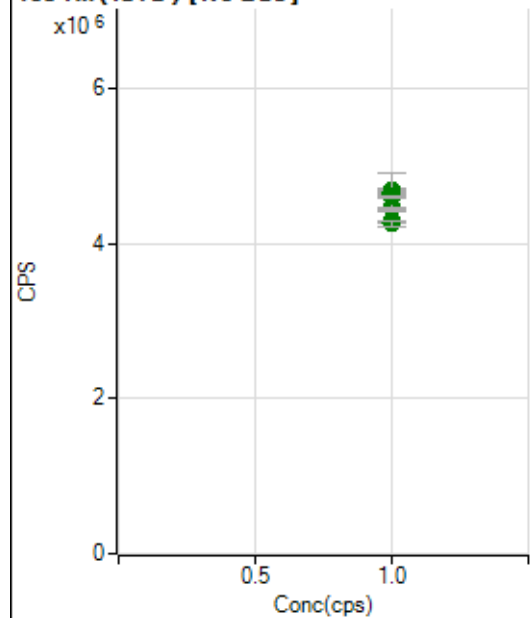
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		263292.05		P	0.7
2	☐	1.000		266651.59		P	0.8
3	☐	1.000		263607.00		P	1.1
4	☐	1.000		256485.76		P	1.2
5	☐	1.000		248562.42		P	0.5
6	☐	1.000		251677.46		P	1.6
7	☐	1.000		253374.94		P	0.9
8	☐	1.000		292101.57		P	0.5

89 Y (ISTD) [No Gas]

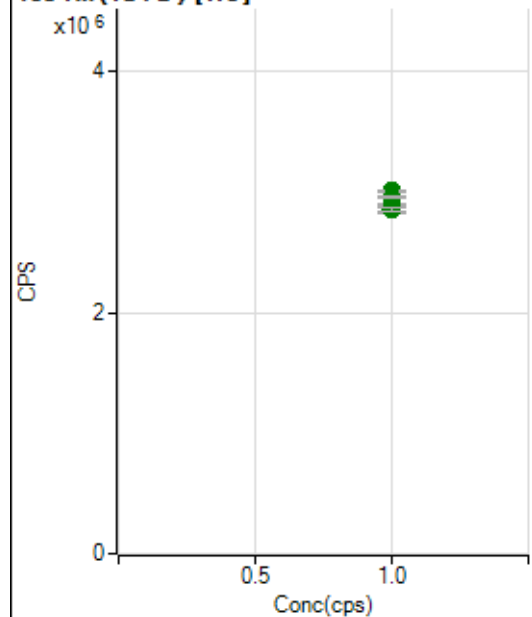
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7330889.68		A	1.5
2	☐	1.000		7366400.93		A	0.9
3	☐	1.000		7305241.28		A	1.0
4	☐	1.000		7106422.04		A	0.3
5	☐	1.000		6859979.41		A	1.3
6	☐	1.000		7505935.10		A	10.5
7	☐	1.000		6910477.54		A	0.7
8	☐	1.000		7854711.13		A	0.7

89 Y(ISTD) [He]

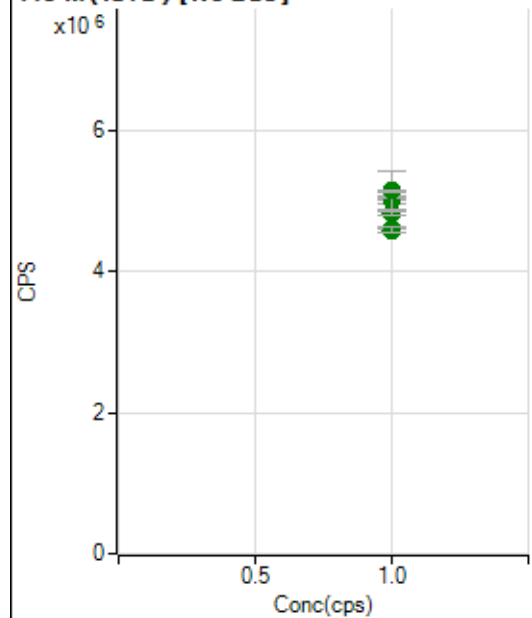
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2222739.62		A	0.4
2	☐	1.000		2295984.53		A	1.3
3	☐	1.000		2243212.82		A	0.9
4	☐	1.000		2208361.29		A	0.6
5	☐	1.000		2157689.06		A	0.6
6	☐	1.000		2186157.95		A	1.3
7	☐	1.000		2202112.15		A	0.1
8	☐	1.000		2422754.30		A	1.2

103 Rh(ISTD) [No Gas]

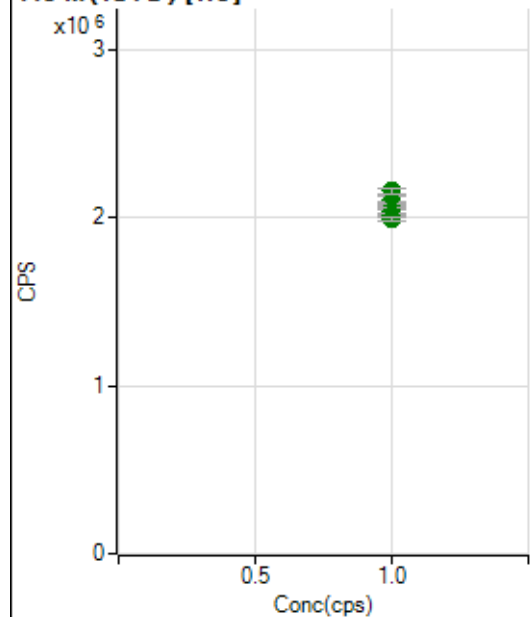
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4676099.20		A	1.0
2	☐	1.000		4664981.46		A	1.3
3	☐	1.000		4628780.31		A	0.8
4	☐	1.000		4454271.91		A	0.4
5	☐	1.000		4285933.48		A	0.5
6	☐	1.000		4662922.91		A	11.0
7	☐	1.000		4257633.37		A	1.6
8	☐	1.000		4600643.99		A	0.8

103 Rh (ISTD) [He]

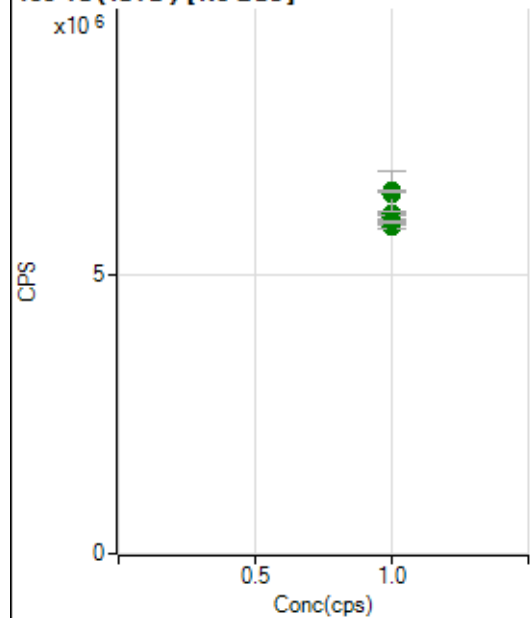
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2960584.19		A	0.3
2	☐	1.000		3009049.29		A	0.5
3	☐	1.000		2972543.98		A	1.4
4	☐	1.000		2893264.02		A	0.6
5	☐	1.000		2865075.06		A	1.6
6	☐	1.000		2861647.94		A	2.3
7	☐	1.000		2851039.09		A	0.9
8	☐	1.000		2952975.51		A	0.4

115 In (ISTD) [No Gas]

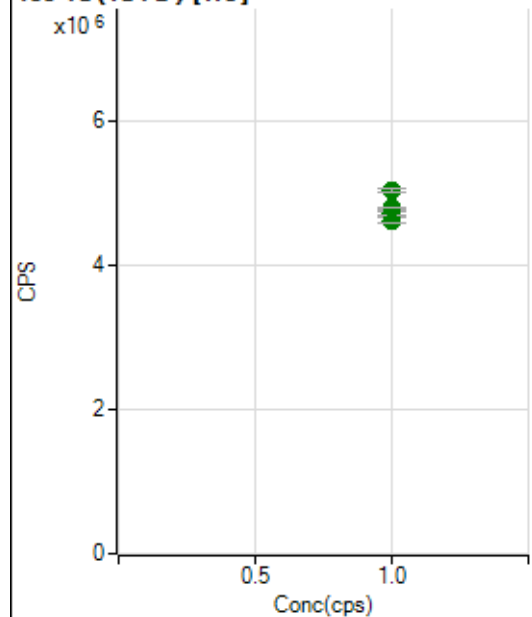
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5044921.60		A	3.1
2	☐	1.000		5025060.29		A	0.5
3	☐	1.000		5055853.83		A	0.8
4	☐	1.000		4830007.60		A	1.0
5	☐	1.000		4612448.56		A	0.4
6	☐	1.000		5142395.12		A	10.7
7	☐	1.000		4593641.09		A	1.3
8	☐	1.000		5144308.58		A	0.2

115 In (ISTD) [He]

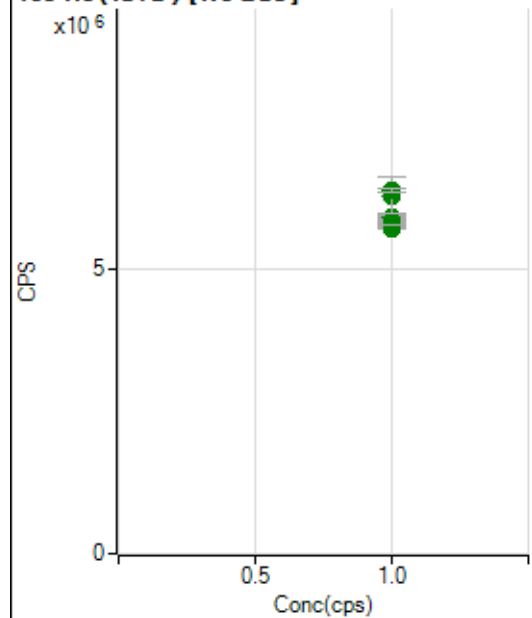
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2061063.98		A	1.3
2	☐	1.000		2109973.04		A	1.6
3	☐	1.000		2063991.77		A	1.6
4	☐	1.000		2031729.75		A	3.2
5	☐	1.000		1997454.41		A	1.3
6	☐	1.000		2017247.87		A	1.0
7	☐	1.000		1990822.54		A	1.0
8	☐	1.000		2159170.55		A	1.3

159 Tb (ISTD) [No Gas]

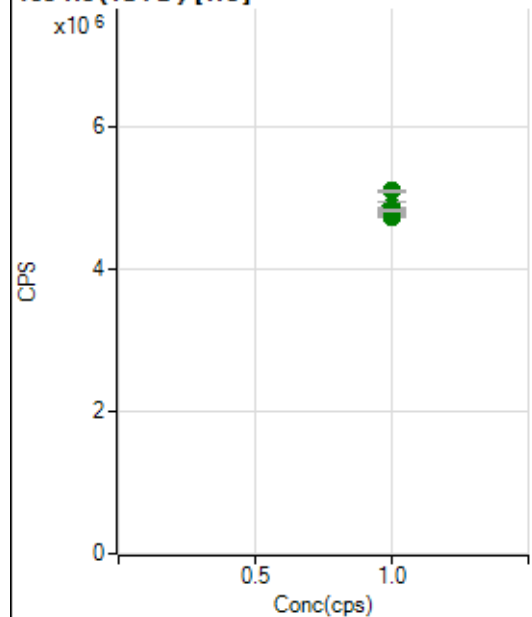
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6034696.16		A	3.0
2	☐	1.000		6080624.70		A	0.7
3	☐	1.000		6104865.74		A	1.5
4	☐	1.000		5970053.18		A	0.9
5	☐	1.000		5873420.54		A	1.0
6	☐	1.000		6466172.75		A	12.0
7	☐	1.000		5959563.17		A	0.6
8	☐	1.000		6509535.18		A	0.6

159 Tb (ISTD) [He]

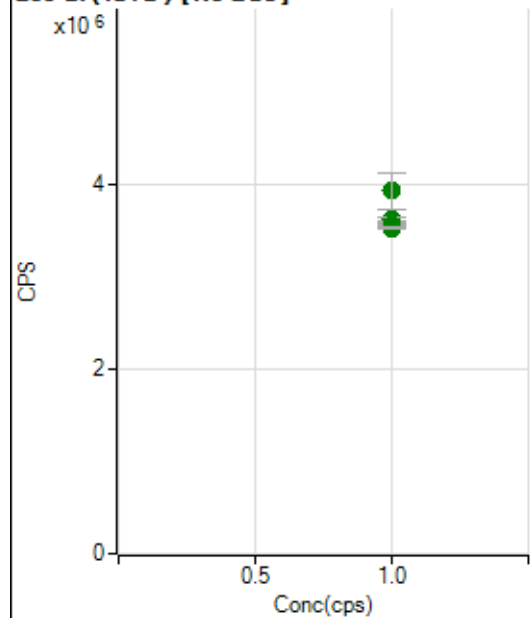
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4620975.76		A	1.4
2	☐	1.000		4717283.05		A	0.8
3	☐	1.000		4777751.25		A	1.4
4	☐	1.000		4715774.65		A	2.4
5	☐	1.000		4710967.77		A	1.3
6	☐	1.000		4731922.85		A	1.6
7	☐	1.000		4800990.97		A	0.4
8	☐	1.000		5029932.64		A	1.0

165 Ho (ISTD) [No Gas]

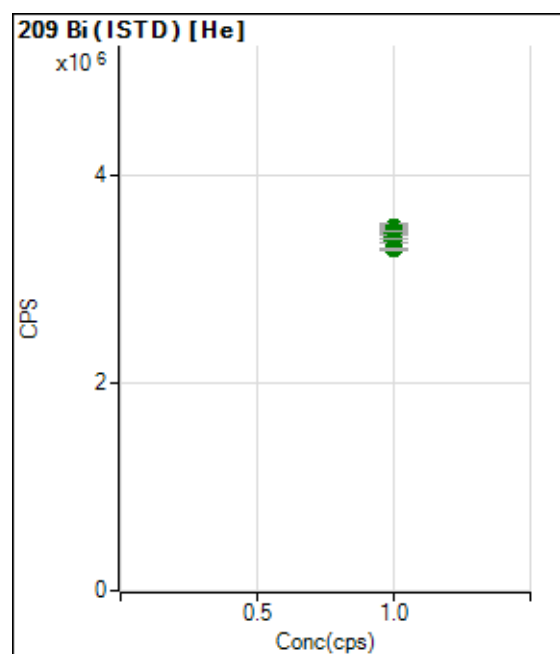
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5866981.37		A	1.5
2	☐	1.000		5898251.02		A	0.3
3	☐	1.000		5899483.73		A	1.1
4	☐	1.000		5841652.83		A	0.4
5	☐	1.000		5719903.80		A	0.4
6	☐	1.000		6298796.29		A	10.3
7	☐	1.000		5774862.55		A	0.3
8	☐	1.000		6375658.31		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4734715.35		A	0.7
2	☐	1.000		4888884.20		A	2.0
3	☐	1.000		4770115.31		A	0.1
4	☐	1.000		4822081.11		A	1.4
5	☐	1.000		4825175.62		A	1.1
6	☐	1.000		4816400.31		A	1.0
7	☐	1.000		4814945.24		A	0.6
8	☐	1.000		5091949.65		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3599567.17		A	2.6
2	☐	1.000		3547856.30		A	1.6
3	☐	1.000		3625554.39		A	1.1
4	☐	1.000		3550880.92		A	0.7
5	☐	1.000		3532177.90		A	1.3
6	☐	1.000		3925802.20		A	10.3
7	☐	1.000		3525962.07		A	0.1
8	☐	1.000		3523256.48		A	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3403927.38		A	1.4
2	☐	1.000		3492884.88		A	1.9
3	☐	1.000		3467383.18		A	1.6
4	☐	1.000		3479218.28		A	3.1
5	☐	1.000		3463616.27		A	1.2
6	☐	1.000		3438530.82		A	1.3
7	☐	1.000		3372300.19		A	1.0
8	☐	1.000		3290148.22		A	0.5