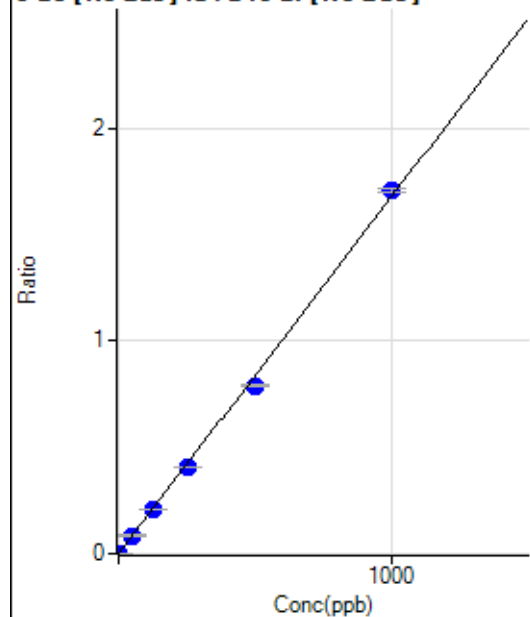


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7091125MS.b\
 Analysis File: P7091125MS.batch.bin
 DA Date-Time: 2025-09-11 14:13:18
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-09-11 11:18:24
2	005CALS.d	S02	2025-09-11 11:21:40
3	007CALS.d	S03	2025-09-11 11:28:13
4	008CALS.d	S04	2025-09-11 11:31:24
5	009CALS.d	S05	2025-09-11 11:34:24
6	010CALS.d	S06	2025-09-11 11:37:21
7	011CALS.d	S07	2025-09-11 11:40:08
8	012CALS.d	S08	2025-09-11 11:42:56

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.6
2	☐	1.000	1.120	755.58	0.0019	P	7.7
3	☐	50.000	50.713	35236.70	0.0851	P	2.5
4	☐	125.000	124.455	87137.07	0.2089	P	2.1
5	☐	250.000	242.197	167323.90	0.4066	P	1.9
6	☐	500.000	470.744	325634.99	0.7902	P	1.3
7	☐	1000.000	1016.611	683256.22	1.7066	P	1.1
8	☐			112.22	0.0003	P	7.8

$$y = 0.0017 * x + 1.1243E-005$$

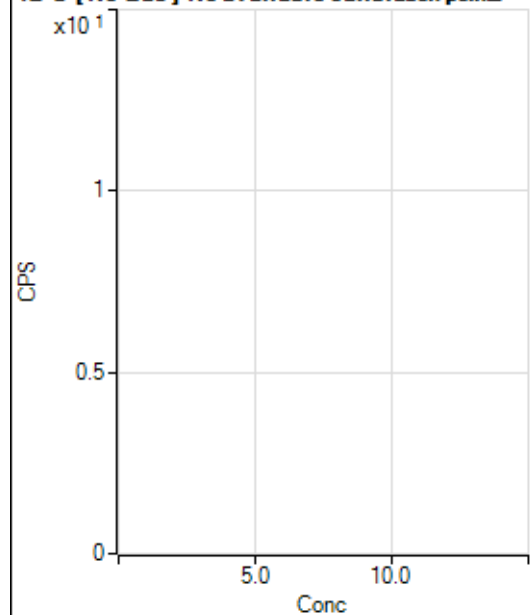
$$R = 0.9993$$

$$DL = 0.0174$$

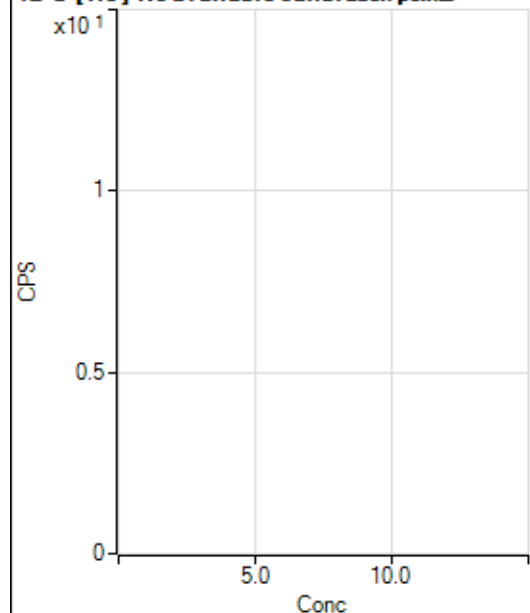
$$BEC = 0.006697$$

Weight: <None>

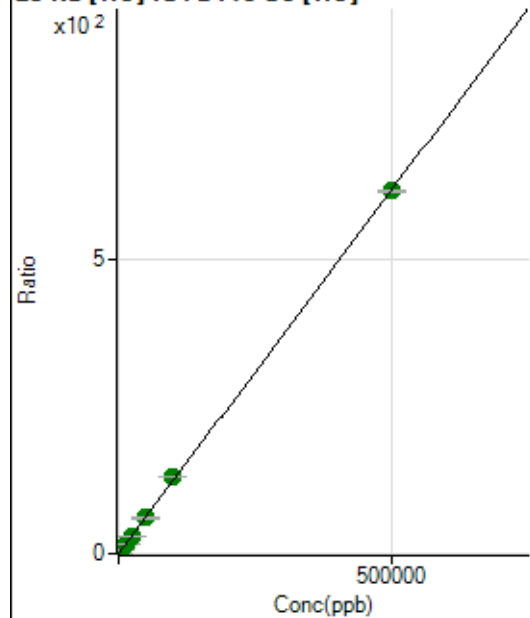
Min Conc: <None>

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	16354.38	0.0530	P	2.4
2	☐	500.000	515.348	212761.57	0.6897	P	1.6
3	☐	5000.000	5169.689	1971231.22	6.4400	A	2.4
4	☐	12500.000	12790.931	4875591.28	15.8559	A	1.7
5	☐	25000.000	24947.461	9431825.97	30.8749	A	1.1
6	☐	50000.000	49078.966	18682398.61	60.6888	A	1.0
7	☐	100000.00	105290.14	39852338.57	130.1363	A	1.0
8	☐	500000.00	499027.71	192531990.4	616.5892	A	0.2

$$y = 0.0012 * x + 0.0530$$

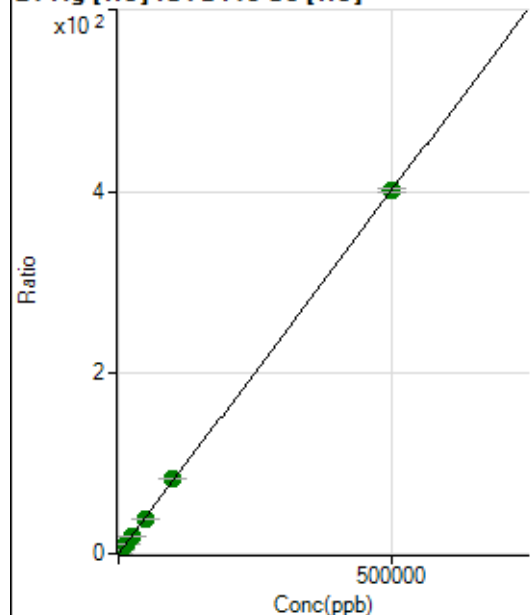
$$R = 0.9999$$

$$DL = 3.141$$

$$BEC = 42.88$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	342.23	0.0011	P	6.4
2	☐	500.000	506.703	125679.25	0.4074	P	1.9
3	☐	5000.000	4937.189	1212044.75	3.9600	A	1.9
4	☐	12500.000	12507.159	3084137.32	10.0299	A	1.1
5	☐	25000.000	24296.960	5952150.40	19.4834	A	0.2
6	☐	50000.000	47767.432	11789647.74	38.3031	A	1.8
7	☐	100000.00	103559.95	25429487.95	83.0399	A	1.2
8	☐	500000.00	499546.86	125075094.8	400.5591	A	1.1

$$y = 8.0184\text{E-}004 * x + 0.0011$$

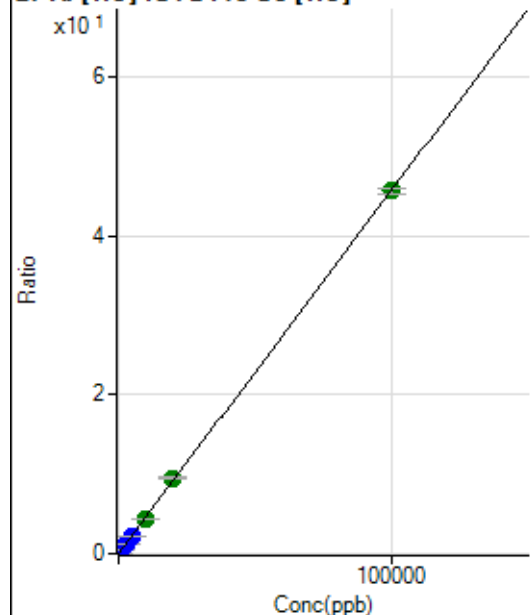
$$R = 1.0000$$

$$DL = 0.2671$$

$$BEC = 1.383$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1080.05	0.0035	P	1.6
2	☐	20.000	20.721	3998.34	0.0130	P	0.8
3	☐	1000.000	999.702	140797.34	0.4600	P	0.8
4	☐	2500.000	2495.977	351519.81	1.1432	P	0.9
5	☐	5000.000	4888.867	683039.27	2.2358	P	0.6
6	☐	10000.000	9662.328	1359113.66	4.4154	A	1.2
7	☐	20000.000	20880.225	2920765.93	9.5376	A	1.4
8	☐	100000.00	99863.382	14239289.23	45.6020	A	1.5

$$y = 4.5661\text{E-}004 * x + 0.0035$$

$$R = 0.9999$$

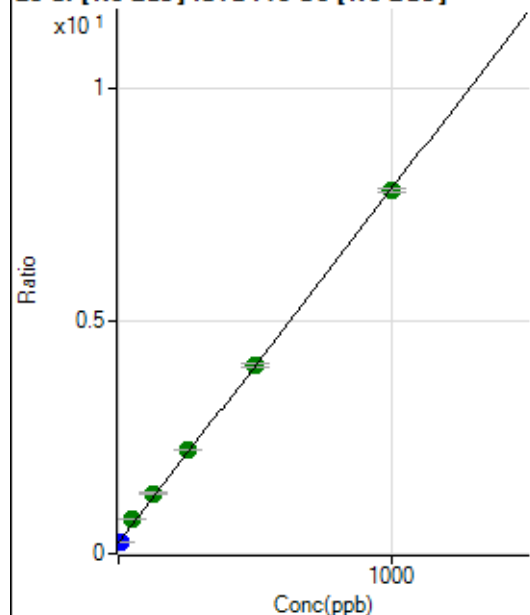
$$DL = 0.3788$$

$$BEC = 7.662$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	746454.27	0.2384	P	1.0
2	☐	10.000	0.396	763512.57	0.2414	P	0.4
3	☐	50.000	65.236	2293597.26	0.7348	A	1.6
4	☐	125.000	139.110	4176017.82	1.2970	A	2.7
5	☐	250.000	262.148	7072230.38	2.2333	A	1.5
6	☐	500.000	501.324	12852403.28	4.0533	A	2.1
7	☐	1000.000	993.872	24383746.30	7.8014	A	0.9
8	☐			827291.42	0.2637	P	2.1

$$y = 0.0076 * x + 0.2384$$

$$R = 0.9997$$

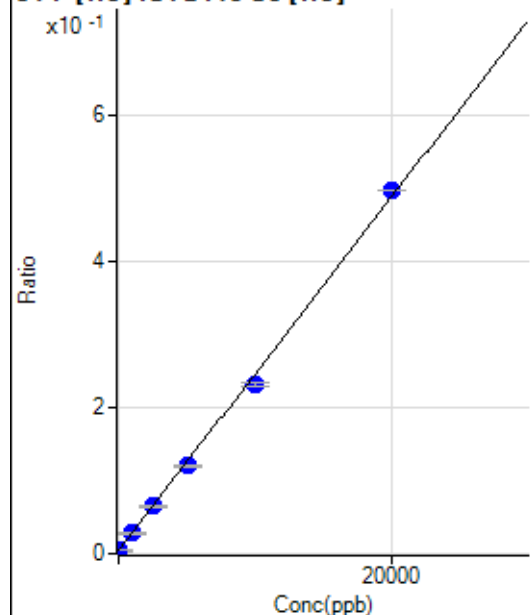
$$DL = 0.95$$

$$BEC = 31.33$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-11.912	1215.62	0.0039	P	7.4
2	☐	0.000	11.912	1392.30	0.0045	P	6.5
3	☐	1000.000	976.604	8521.33	0.0278	P	4.9
4	☐	2500.000	2496.192	19860.80	0.0646	P	2.2
5	☐	5000.000	4795.802	36721.77	0.1202	P	1.1
6	☐	10000.000	9416.100	71385.81	0.2319	P	2.0
7	☐	20000.000	20344.645	151965.02	0.4962	P	0.2
8	☐			1128.94	0.0036	P	6.1

$$y = 2.4183E-005 * x + 0.0042$$

$$R = 0.9993$$

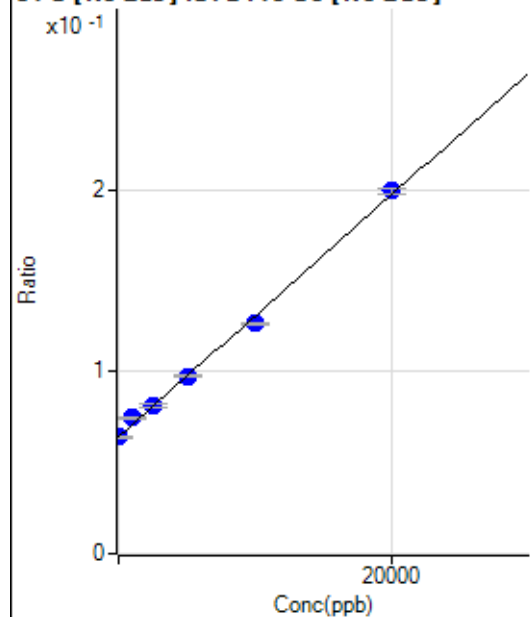
$$DL = 36.42$$

$$BEC = 174.7$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	32.343	201646.43	0.0644	P	0.3
2	☐	0.000	-32.343	202312.81	0.0640	P	1.2
3	☐	1000.000	1570.541	232963.05	0.0746	P	0.9
4	☐	2500.000	2584.303	262020.69	0.0814	P	2.6
5	☐	5000.000	5006.785	308740.86	0.0975	P	0.7
6	☐	10000.000	9322.198	400132.85	0.1262	P	1.0
7	☐	20000.000	20298.140	622562.37	0.1992	P	1.4
8	☐			184145.11	0.0587	P	3.6

$$y = 6.6509\text{E-}006 * x + 0.0642$$

$$R = 0.9986$$

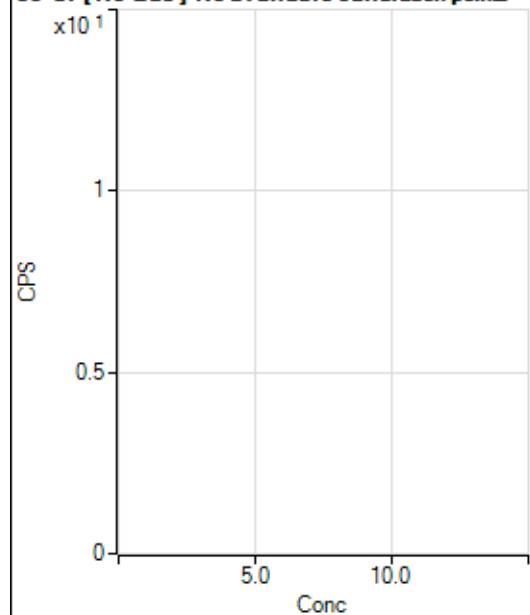
$$DL = 220.1$$

$$BEC = 9651$$

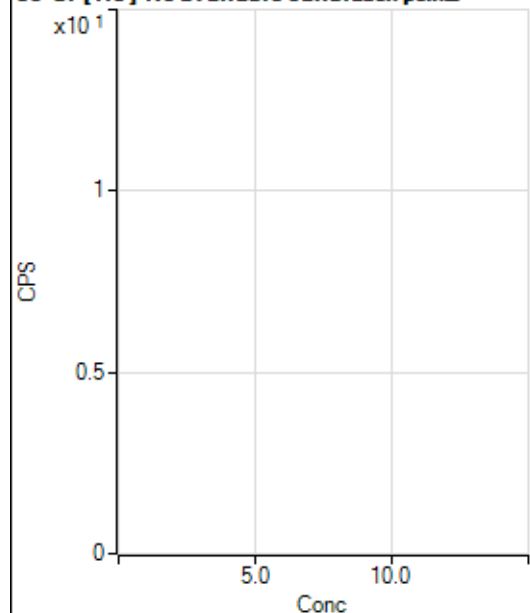
Weight: <None>

Min Conc: <None>

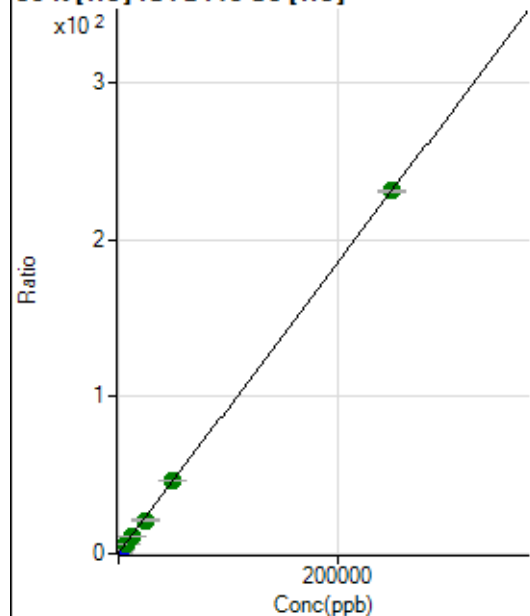
35 Cl [No Gas] No available calibration points



	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	60975.85	0.1975	P	1.2
2	☐	500.000	535.616	213342.91	0.6915	P	0.8
3	☐	2500.000	2533.298	775655.41	2.5340	P	0.9
4	☐	6250.000	6058.661	1778981.03	5.7853	A	0.9
5	☐	12500.000	11804.922	3386455.75	11.0850	A	0.2
6	☐	25000.000	22876.028	6555173.37	21.2957	A	1.2
7	☐	50000.000	50327.246	14275421.31	46.6136	A	2.2
8	☐	250000.00	250186.08	72112290.04	230.9402	A	0.4

$$y = 9.2228\text{E-}004 * x + 0.1975$$

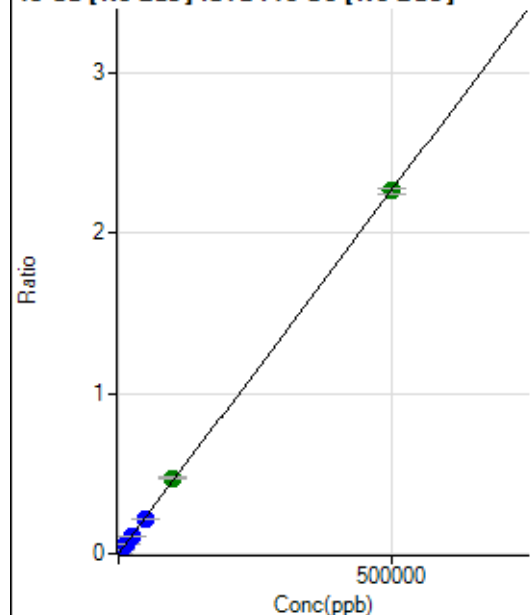
$$R = 1.0000$$

$$DL = 7.483$$

$$BEC = 214.2$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.34	0.0001	P	1.5
2	☐	500.000	550.987	8263.42	0.0026	P	3.0
3	☐	5000.000	5217.236	74154.65	0.0238	P	1.0
4	☐	12500.000	12592.993	184078.53	0.0572	P	3.1
5	☐	25000.000	24880.557	357377.61	0.1129	P	1.4
6	☐	50000.000	48315.474	694509.54	0.2190	P	1.6
7	☐	100000.00	103946.30	1472322.60	0.4711	A	2.6
8	☐	500000.00	499380.61	7100655.73	2.2629	A	1.6

$$y = 4.5311\text{E-}006 * x + 1.1606\text{E-}004$$

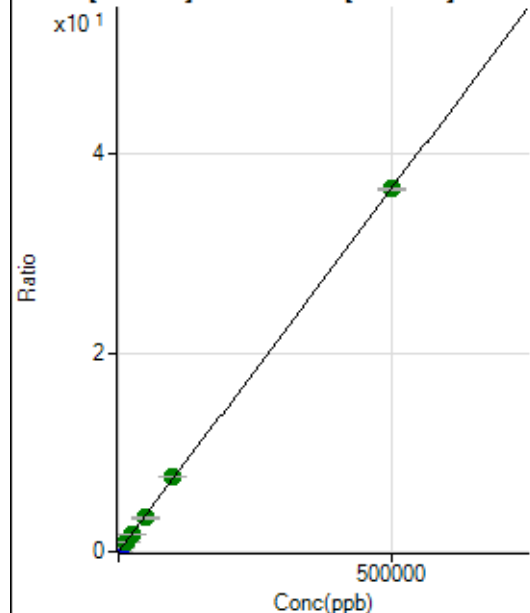
$$R = 1.0000$$

$$DL = 1.181$$

$$BEC = 25.61$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17223.54	0.0055	P	2.2
2	☐	500.000	547.398	143770.26	0.0455	P	0.5
3	☐	5000.000	5189.851	1199710.45	0.3844	P	1.3
4	☐	12500.000	12357.707	2922554.78	0.9076	A	2.3
5	☐	25000.000	24023.921	5571347.55	1.7593	A	1.2
6	☐	50000.000	46562.745	10795467.34	3.4047	A	1.2
7	☐	100000.00	103005.53	23518819.09	7.5251	A	1.8
8	☐	500000.00	499793.03	114505719.4	36.4912	A	0.8

$$y = 7.3002\text{E-}005 * x + 0.0055$$

$$R = 0.9999$$

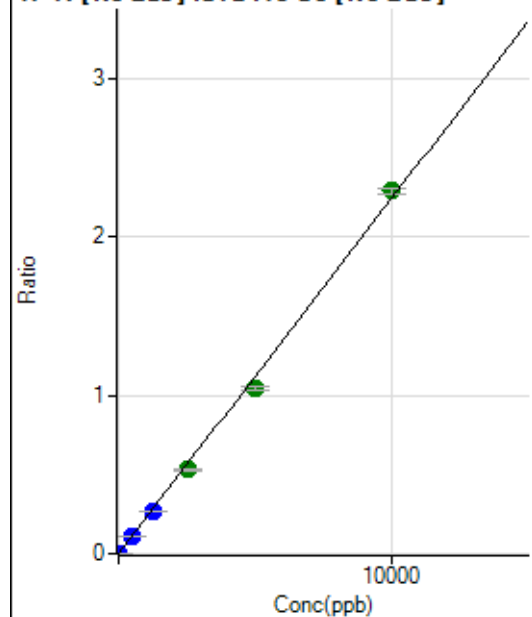
$$DL = 5.032$$

$$BEC = 75.36$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	40.0
2	☐	5.000	5.106	3683.82	0.0012	P	1.3
3	☐	500.000	489.878	343080.98	0.1099	P	0.7
4	☐	1250.000	1192.023	860941.60	0.2674	P	3.4
5	☐	2500.000	2362.522	1678456.00	0.5300	A	0.8
6	☐	5000.000	4647.105	3305465.23	1.0425	A	2.0
7	☐	10000.000	10218.570	7164403.30	2.2923	A	1.9
8	☐			627.80	0.0002	P	9.3

$$y = 2.2433\text{E-}004 * x + 1.9499\text{E-}005$$

$$R = 0.9990$$

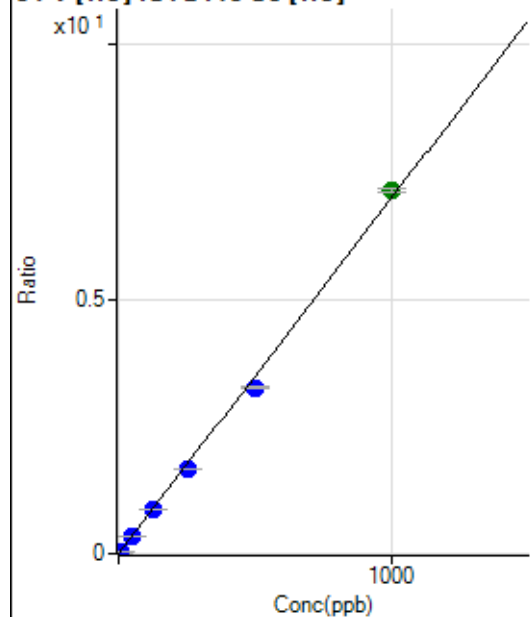
$$DL = 0.1044$$

$$BEC = 0.08692$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	0.4
2	☐	5.000	5.194	11203.13	0.0363	P	1.9
3	☐	50.000	48.610	103949.50	0.3396	P	0.8
4	☐	125.000	122.125	262325.62	0.8531	P	0.7
5	☐	250.000	237.611	507056.85	1.6598	P	0.7
6	☐	500.000	466.675	1003419.21	3.2599	P	1.3
7	☐	1000.000	1020.188	2182467.61	7.1263	A	1.0
8	☐			1040.04	0.0033	P	5.9

$$y = 0.0070 * x + 3.2395\text{E-}005$$

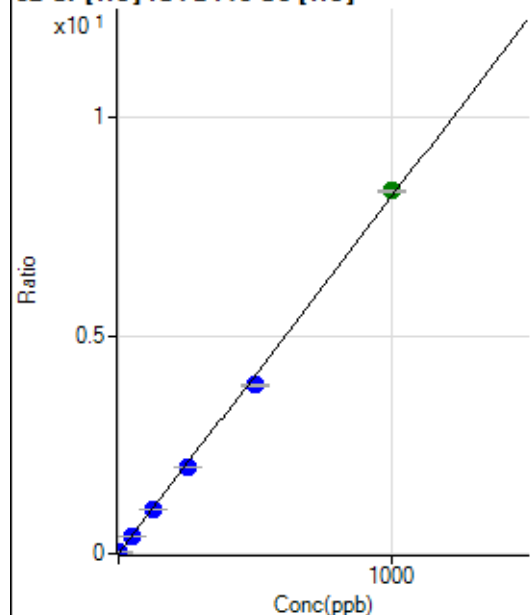
$$R = 0.9991$$

$$DL = 5.778\text{E-}05$$

$$BEC = 0.004638$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1982.37	0.0064	P	3.8
2	☐	2.000	2.150	7401.88	0.0240	P	1.1
3	☐	50.000	49.903	126806.83	0.4143	P	1.0
4	☐	125.000	124.252	314232.13	1.0219	P	0.4
5	☐	250.000	241.756	605551.47	1.9822	P	0.9
6	☐	500.000	471.116	1187153.86	3.8568	P	1.3
7	☐	1000.000	1016.601	2546379.67	8.3149	A	0.7
8	☐			23610.83	0.0756	P	1.2

$$y = 0.0082 * x + 0.0064$$

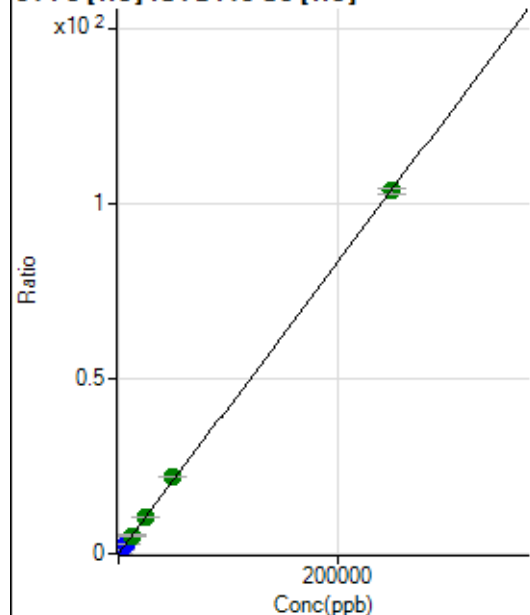
$$R = 0.9993$$

$$DL = 0.08896$$

$$BEC = 0.7858$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2152.40	0.0070	P	3.1
2	☐	50.000	55.631	9282.94	0.0301	P	1.2
3	☐	2500.000	2653.957	339693.97	1.1098	P	1.1
4	☐	6250.000	6605.946	846211.96	2.7519	P	0.3
5	☐	12500.000	12516.087	1591038.36	5.2078	A	1.1
6	☐	25000.000	24682.638	3159025.02	10.2633	A	1.7
7	☐	50000.000	52365.838	6665946.01	21.7665	A	0.3
8	☐	250000.00	249547.32	32380945.07	103.7014	A	1.5

$$y = 4.1553E-004 * x + 0.0070$$

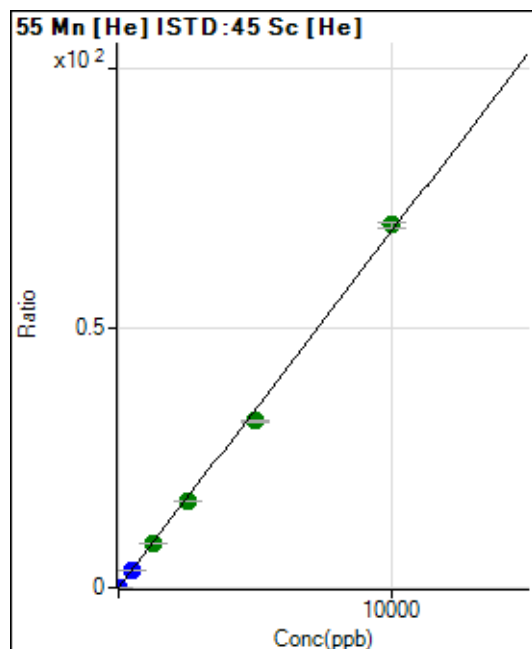
$$R = 0.9999$$

$$DL = 1.555$$

$$BEC = 16.78$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	477.79	0.0015	P	11.6
2	☐	1.000	0.998	2588.02	0.0084	P	6.2
3	☐	500.000	493.072	1034417.08	3.3794	P	1.1
4	☐	1250.000	1244.673	2622407.36	8.5283	A	1.5
5	☐	2500.000	2422.666	5070863.57	16.5983	A	0.3
6	☐	5000.000	4673.596	9855830.82	32.0186	A	1.0
7	☐	10000.000	10183.548	21365219.27	69.7653	A	1.3
8	☐			14126.72	0.0452	P	0.9

$$y = 0.0069 * x + 0.0015$$

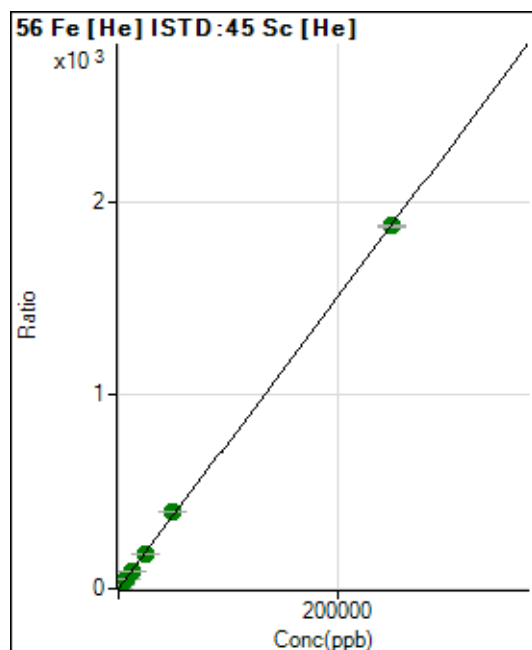
$$R = 0.9992$$

$$DL = 0.07845$$

$$BEC = 0.2259$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17453.59	0.0565	P	1.2
2	☐	50.000	54.290	143274.75	0.4644	P	0.4
3	☐	2500.000	2538.033	5854086.65	19.1248	A	2.2
4	☐	6250.000	6353.447	14695241.59	47.7899	A	0.7
5	☐	12500.000	12417.684	28517308.74	93.3505	A	1.3
6	☐	25000.000	23971.409	55454633.62	180.1535	A	0.9
7	☐	50000.000	52938.237	121814258.1	397.7810	A	1.7
8	☐	250000.00	249516.36	585367755.7	1,874.670	A	0.5

$$y = 0.0075 * x + 0.0565$$

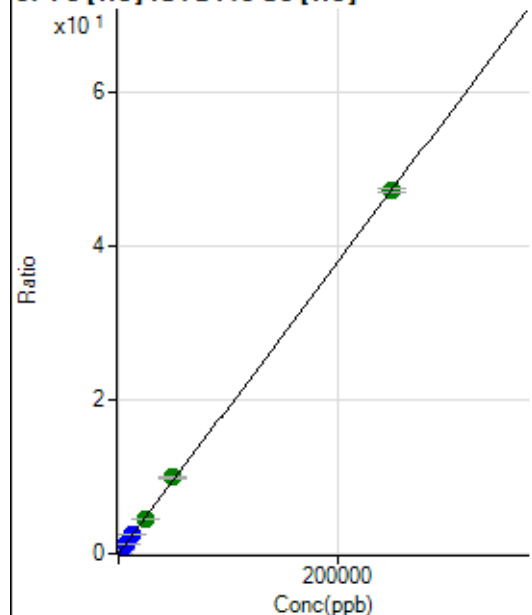
$$R = 0.9999$$

$$DL = 0.2614$$

$$BEC = 7.526$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1500.09	0.0049	P	4.4
2	☐	50.000	59.465	4958.64	0.0161	P	4.9
3	☐	2500.000	2613.722	152359.57	0.4978	P	1.0
4	☐	6250.000	6551.259	381379.31	1.2403	P	0.7
5	☐	12500.000	12746.162	735787.32	2.4085	P	0.4
6	☐	25000.000	24188.490	1405534.27	4.5663	A	2.0
7	☐	50000.000	52346.243	3024508.78	9.8762	A	1.2
8	☐	250000.00	249590.92	14698553.95	47.0723	A	1.0

$$y = 1.8858\text{E-}004 * x + 0.0049$$

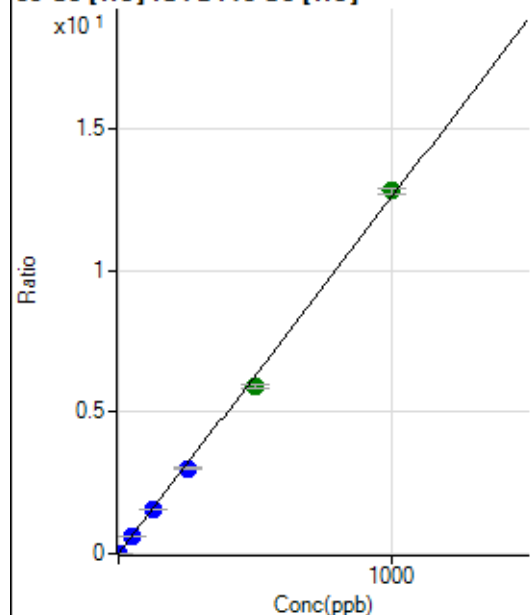
R = 0.9999

DL = 3.409

BEC = 25.77

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0004	P	24.7
2	☐	1.000	1.118	4456.27	0.0144	P	4.8
3	☐	50.000	49.325	190306.31	0.6217	P	1.1
4	☐	125.000	123.137	477094.47	1.5515	P	0.3
5	☐	250.000	239.656	922374.89	3.0193	P	0.8
6	☐	500.000	470.194	1823113.85	5.9235	A	2.4
7	☐	1000.000	1017.755	3926434.49	12.8212	A	1.8
8	☐			7926.61	0.0254	P	2.8

$$y = 0.0126 * x + 3.6336\text{E-}004$$

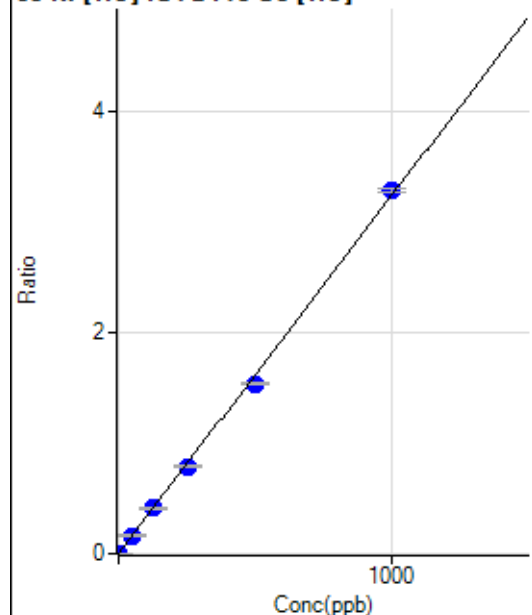
R = 0.9993

DL = 0.02133

BEC = 0.02884

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.90	0.0015	P	4.6
2	☐	1.000	1.032	1490.09	0.0048	P	9.2
3	☐	50.000	50.257	50264.04	0.1642	P	1.5
4	☐	125.000	126.299	126191.83	0.4104	P	0.7
5	☐	250.000	243.584	241365.40	0.7901	P	0.8
6	☐	500.000	475.257	474045.70	1.5401	P	1.8
7	☐	1000.000	1013.800	1005584.72	3.2837	P	0.9
8	☐			6289.15	0.0201	P	2.5

$$y = 0.0032 * x + 0.0015$$

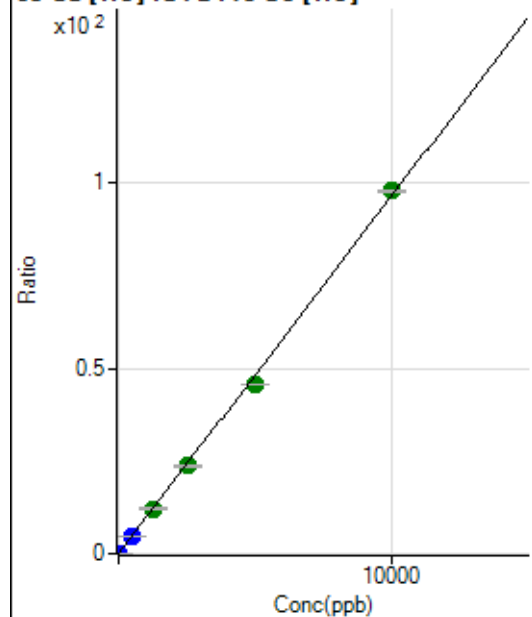
$$R = 0.9995$$

$$DL = 0.06316$$

$$BEC = 0.4591$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	860.03	0.0028	P	2.1
2	☐	2.000	2.021	6879.42	0.0223	P	2.5
3	☐	500.000	498.182	1473044.75	4.8123	P	1.1
4	☐	1250.000	1259.796	3740694.59	12.1651	A	1.5
5	☐	2500.000	2447.651	7219419.48	23.6329	A	1.3
6	☐	5000.000	4734.210	14069618.26	45.7079	A	1.0
7	☐	10000.000	10144.849	29994213.17	97.9433	A	0.6
8	☐			4119.50	0.0132	P	5.7

$$y = 0.0097 * x + 0.0028$$

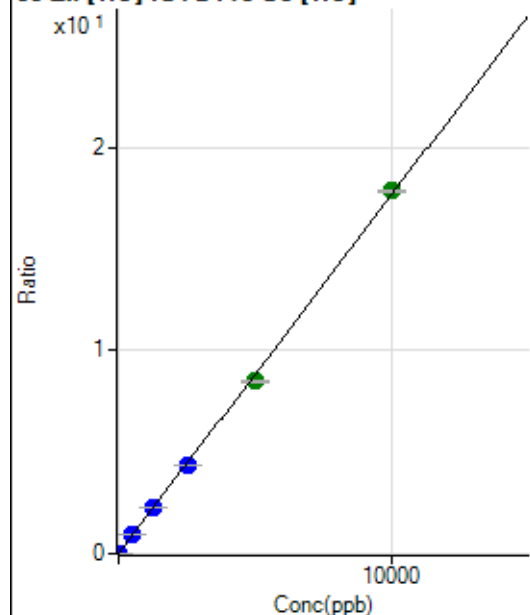
$$R = 0.9995$$

$$DL = 0.01798$$

$$BEC = 0.2886$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2303.53	0.0075	P	4.1
2	☐	5.000	4.819	4925.31	0.0160	P	2.3
3	☐	500.000	510.816	278114.68	0.9086	P	1.1
4	☐	1250.000	1263.258	687534.67	2.2360	P	1.1
5	☐	2500.000	2448.416	1321772.93	4.3267	P	0.6
6	☐	5000.000	4796.287	2606939.32	8.4685	A	0.3
7	☐	10000.000	10112.555	5465693.53	17.8468	A	0.6
8	☐			7687.61	0.0246	P	1.8

$$y = 0.0018 * x + 0.0075$$

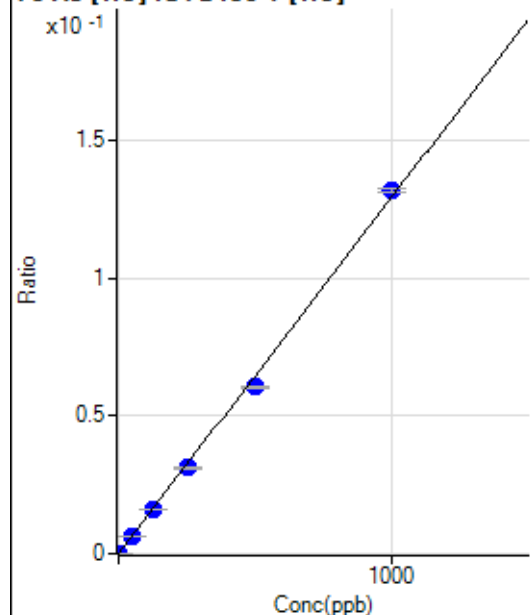
$$R = 0.9997$$

$$DL = 0.5194$$

$$BEC = 4.23$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	43.0
2	☐	1.000	1.013	333.34	0.0001	P	5.4
3	☐	50.000	49.216	15536.01	0.0064	P	1.3
4	☐	125.000	124.298	39431.22	0.0161	P	0.8
5	☐	250.000	241.156	76222.22	0.0312	P	1.1
6	☐	500.000	467.247	149739.56	0.0605	P	0.8
7	☐	1000.000	1018.715	321557.04	0.1319	P	1.1
8	☐			371.12	0.0001	P	14.5

$$y = 1.2949E-004 * x + 5.0125E-006$$

$$R = 0.9992$$

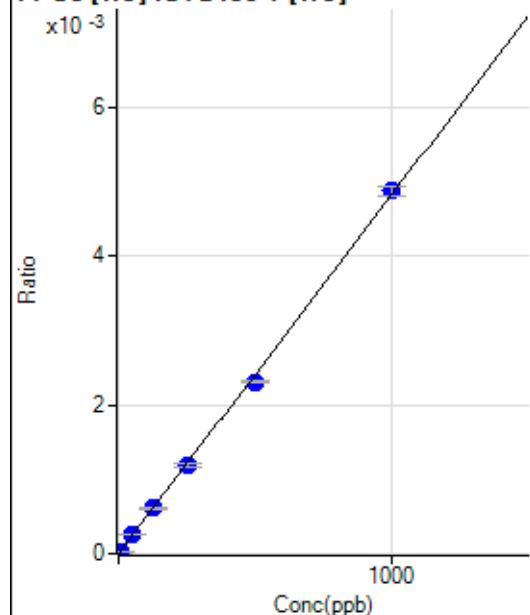
$$DL = 0.04992$$

$$BEC = 0.03871$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.552	66.67	0.0000	P	12.2
3	☐	50.000	52.579	617.80	0.0003	P	3.6
4	☐	125.000	126.024	1486.76	0.0006	P	4.4
5	☐	250.000	245.316	2883.64	0.0012	P	5.2
6	☐	500.000	478.599	5703.37	0.0023	P	1.7
7	☐	1000.000	1011.612	11873.75	0.0049	P	2.4
8	☐			10.00	0.0000	P	34.0

$$y = 4.8147\text{E-}006 * x + 4.6109\text{E-}007$$

$$R = 0.9996$$

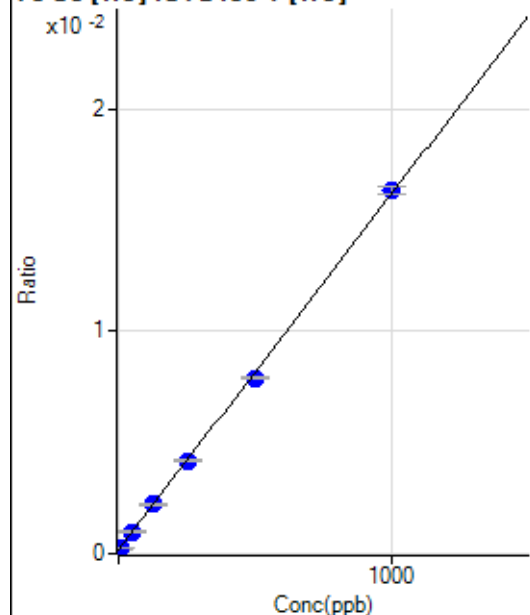
$$DL = 0.4976$$

$$BEC = 0.09577$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	442.23	0.0002	P	9.2
2	☐	5.000	5.318	651.13	0.0003	P	6.1
3	☐	50.000	50.049	2391.33	0.0010	P	5.6
4	☐	125.000	126.620	5407.70	0.0022	P	1.4
5	☐	250.000	250.526	10231.40	0.0042	P	1.5
6	☐	500.000	481.803	19539.70	0.0079	P	1.2
7	☐	1000.000	1008.761	39811.22	0.0163	P	2.1
8	☐			454.46	0.0002	P	3.1

$$y = 1.6013\text{E-}005 * x + 1.8066\text{E-}004$$

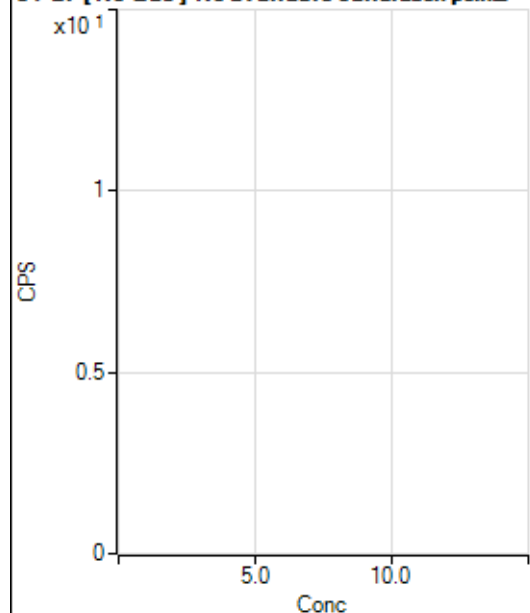
$$R = 0.9998$$

$$DL = 3.122$$

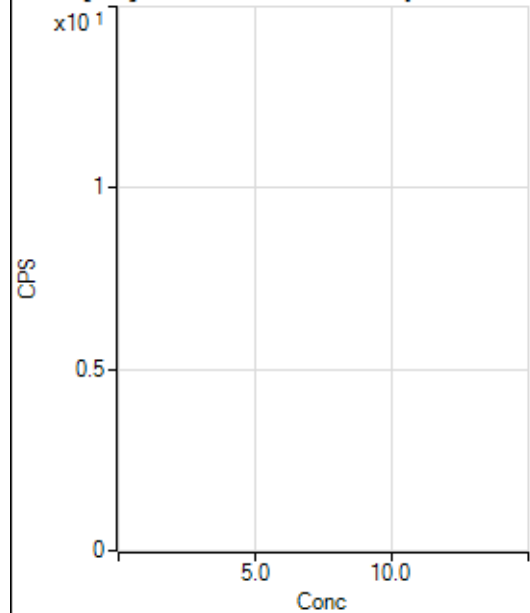
$$BEC = 11.28$$

Weight: <None>

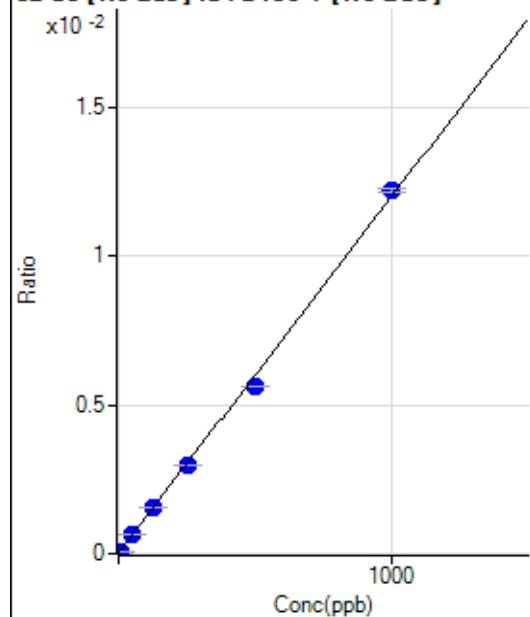
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7874.38		P	2.2
2	☐			8226.81		P	3.0
3	☐			8153.44		P	2.9
4	☐			7891.07		P	2.1
5	☐			7775.45		P	2.6
6	☐			7646.49		P	0.6
7	☐			7556.46		P	4.0
8	☐			8395.80		P	5.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			153.34		P	14.3
2	☐			145.56		P	15.2
3	☐			145.56		P	26.3
4	☐			121.11		P	16.8
5	☐			141.11		P	10.9
6	☐			112.23		P	12.4
7	☐			130.00		P	6.8
8	☐			230.00		P	8.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	204.37	0.0000	P	26.1
2	☐	5.000	5.640	774.57	0.0001	P	1.4
3	☐	50.000	50.003	5316.03	0.0006	P	0.7
4	☐	125.000	127.254	13099.12	0.0015	P	1.8
5	☐	250.000	246.967	25099.66	0.0030	P	1.1
6	☐	500.000	467.809	48818.64	0.0056	P	0.2
7	☐	1000.000	1016.569	102473.56	0.0122	P	1.1
8	☐			379.64	0.0000	P	4.4

$$y = 1.1969\text{E-}005 * x + 2.4049\text{E-}005$$

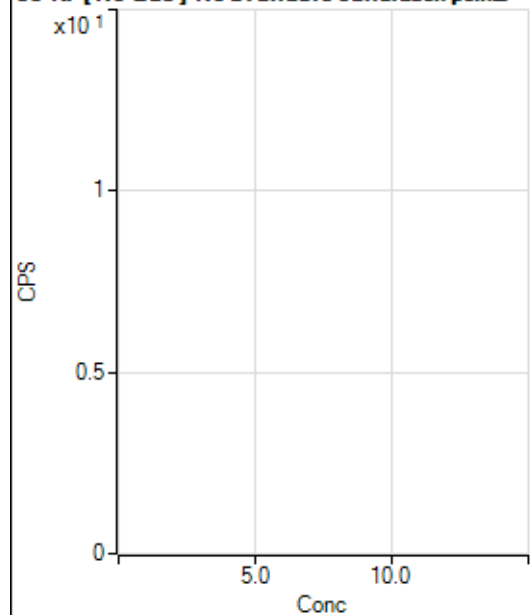
$$R = 0.9992$$

$$DL = 1.576$$

$$BEC = 2.009$$

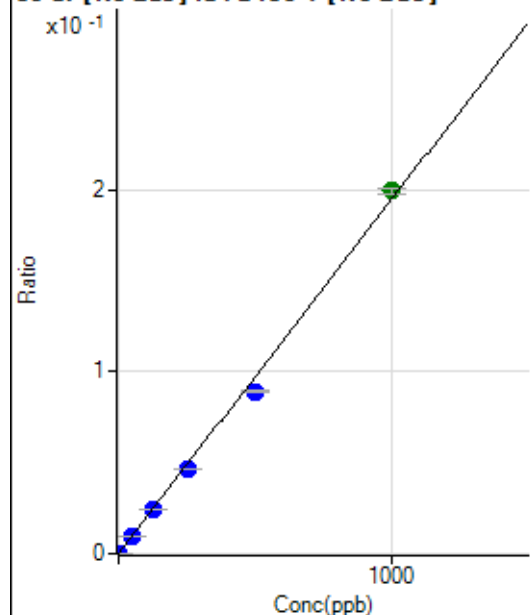
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			480.01		P	9.6
2	☐			407.79		P	9.9
3	☐			460.01		P	8.4
4	☐			451.13		P	9.6
5	☐			480.01		P	3.7
6	☐			470.01		P	5.7
7	☐			481.12		P	6.4
8	☐			427.79		P	4.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	693.36	0.0001	P	11.5
2	☐	1.000	1.049	2416.89	0.0003	P	3.6
3	☐	50.000	48.258	80886.46	0.0095	P	1.7
4	☐	125.000	122.508	202582.89	0.0239	P	0.5
5	☐	250.000	240.006	394115.39	0.0468	P	0.7
6	☐	500.000	456.894	772701.96	0.0890	P	1.2
7	☐	1000.000	1024.450	1676405.53	0.1995	A	1.6
8	☐			21634.88	0.0025	P	1.9

$$y = 1.9461\text{E-}004 * x + 8.1593\text{E-}005$$

$$R = 0.9986$$

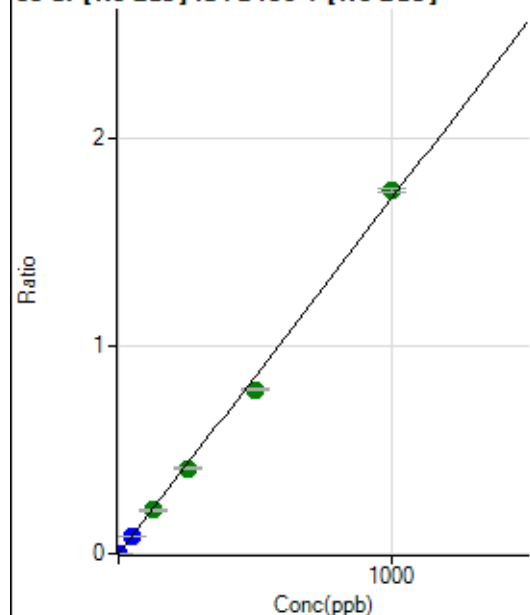
$$DL = 0.1448$$

$$BEC = 0.4193$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0000	P	32.6
2	☐	1.000	0.999	14528.37	0.0017	P	2.1
3	☐	50.000	48.372	704701.51	0.0825	P	1.9
4	☐	125.000	122.032	1763047.71	0.2082	A	1.0
5	☐	250.000	240.552	3456801.79	0.4104	A	0.8
6	☐	500.000	461.591	6837104.13	0.7875	A	0.8
7	☐	1000.000	1022.019	14656641.59	1.7436	A	1.2
8	☐			184122.53	0.0215	P	0.9

$$y = 0.0017 * x + 1.3203\text{E-}005$$

$$R = 0.9989$$

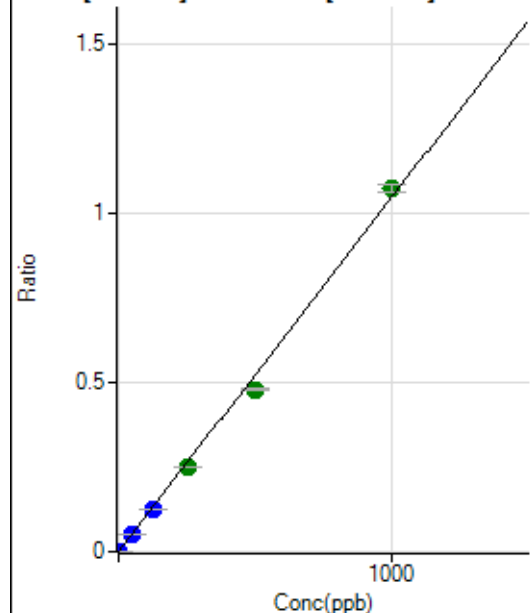
$$DL = 0.007567$$

$$BEC = 0.007739$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	301.12	0.0000	P	17.0
2	☐	1.000	0.984	8988.40	0.0011	P	3.0
3	☐	50.000	47.827	426745.58	0.0500	P	2.5
4	☐	125.000	120.662	1067370.18	0.1261	P	1.1
5	☐	250.000	237.507	2089607.40	0.2481	A	0.8
6	☐	500.000	457.623	4149794.66	0.4780	A	0.9
7	☐	1000.000	1024.963	8998109.94	1.0705	A	2.0
8	☐			8159.01	0.0010	P	0.5

$$y = 0.0010 * x + 3.5437E-005$$

$$R = 0.9986$$

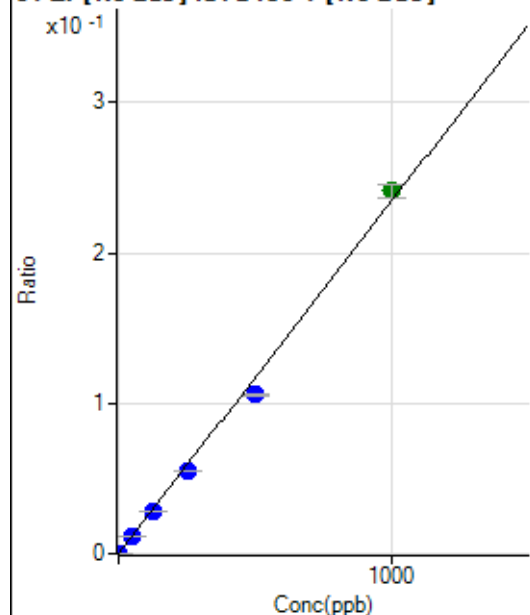
$$DL = 0.01726$$

$$BEC = 0.03393$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0000	P	41.1
2	☐	1.000	0.987	2022.38	0.0002	P	7.4
3	☐	50.000	47.323	94708.76	0.0111	P	2.7
4	☐	125.000	120.395	238858.23	0.0282	P	1.9
5	☐	250.000	234.713	463191.79	0.0550	P	0.9
6	☐	500.000	450.361	916030.84	0.1055	P	0.8
7	☐	1000.000	1029.351	2026759.26	0.2411	A	3.4
8	☐			1767.90	0.0002	P	2.8

$$y = 2.3426E-004 * x + 7.9800E-006$$

$$R = 0.9981$$

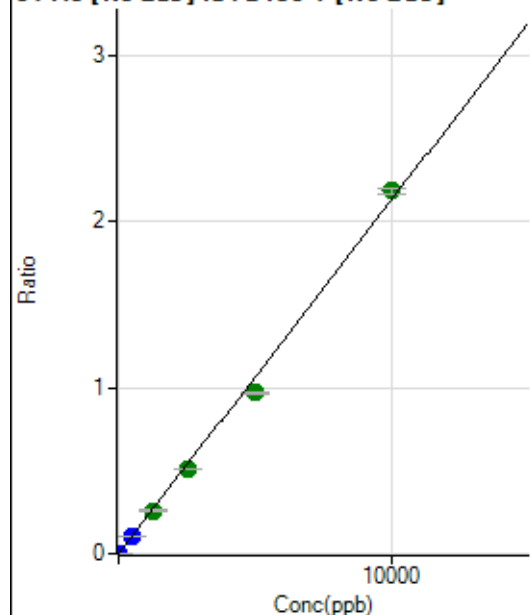
$$DL = 0.04196$$

$$BEC = 0.03407$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	233.34	0.0000	P	10.1
2	☐	5.000	5.884	10816.31	0.0013	P	3.1
3	☐	500.000	474.927	862762.88	0.1011	P	2.5
4	☐	1250.000	1221.732	2200853.60	0.2599	A	1.6
5	☐	2500.000	2387.736	4278634.62	0.5080	A	1.2
6	☐	5000.000	4550.802	8405064.18	0.9681	A	1.1
7	☐	10000.000	10257.452	18342696.11	2.1821	A	1.7
8	☐			6244.73	0.0007	P	4.0

$$y = 2.1273\text{E-}004 * x + 2.7464\text{E-}005$$

$$R = 0.9985$$

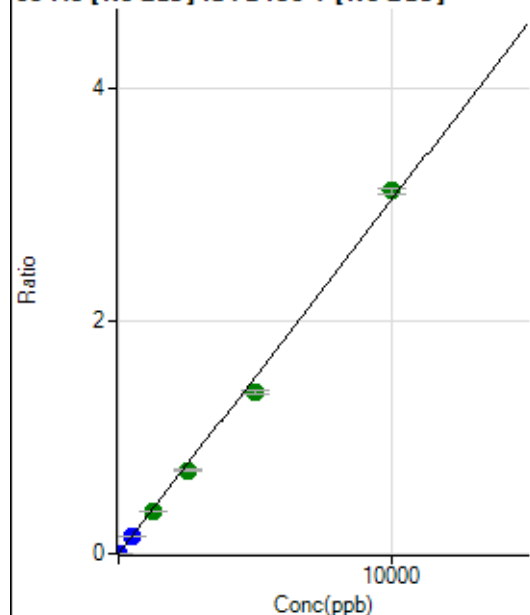
$$DL = 0.03917$$

$$BEC = 0.1291$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	214.45	0.0000	P	19.5
2	☐	5.000	5.141	13405.15	0.0016	P	1.6
3	☐	500.000	477.311	1236761.07	0.1449	P	2.2
4	☐	1250.000	1217.636	3129047.66	0.3695	A	0.1
5	☐	2500.000	2361.974	6037136.23	0.7167	A	0.8
6	☐	5000.000	4559.564	12012132.32	1.3836	A	2.2
7	☐	10000.000	10259.904	26168218.50	3.1133	A	1.6
8	☐			5550.00	0.0006	P	4.7

$$y = 3.0344\text{E-}004 * x + 2.5242\text{E-}005$$

$$R = 0.9985$$

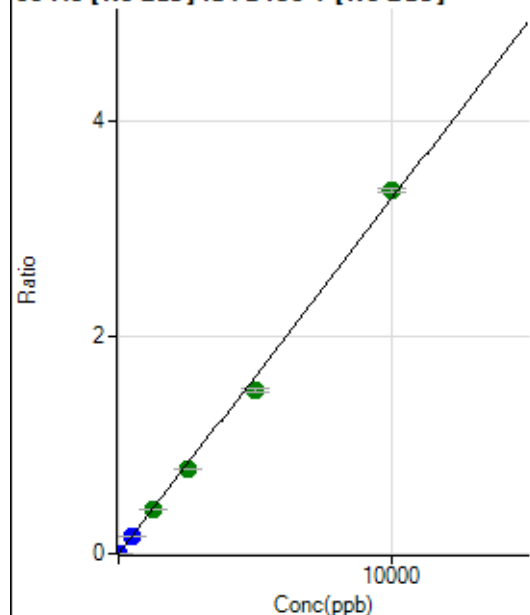
$$DL = 0.04871$$

$$BEC = 0.08319$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	271.12	0.0000	P	10.3
2	☐	5.000	5.232	14748.63	0.0017	P	1.7
3	☐	500.000	483.858	1351965.15	0.1584	P	2.8
4	☐	1250.000	1233.253	3417328.49	0.4036	A	1.2
5	☐	2500.000	2381.010	6562945.46	0.7792	A	0.7
6	☐	5000.000	4608.630	13093154.25	1.5081	A	1.3
7	☐	10000.000	10228.333	28133197.92	3.3471	A	1.2
8	☐			9243.02	0.0011	P	1.7

$$y = 3.2723\text{E-}004 * x + 3.1906\text{E-}005$$

$$R = 0.9988$$

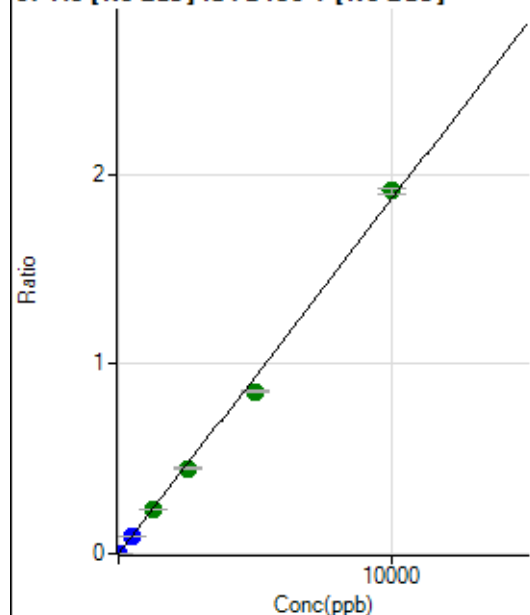
$$DL = 0.03016$$

$$BEC = 0.0975$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0000	P	10.9
2	☐	5.000	5.184	8328.01	0.0010	P	1.7
3	☐	500.000	482.710	769668.44	0.0902	P	2.4
4	☐	1250.000	1231.436	1947097.63	0.2300	A	1.5
5	☐	2500.000	2388.389	3756646.58	0.4460	A	2.3
6	☐	5000.000	4585.332	7433804.40	0.8562	A	1.8
7	☐	10000.000	10238.422	16070849.07	1.9118	A	1.6
8	☐			3477.11	0.0004	P	2.8

$$y = 1.8673\text{E-}004 * x + 1.6477\text{E-}005$$

$$R = 0.9987$$

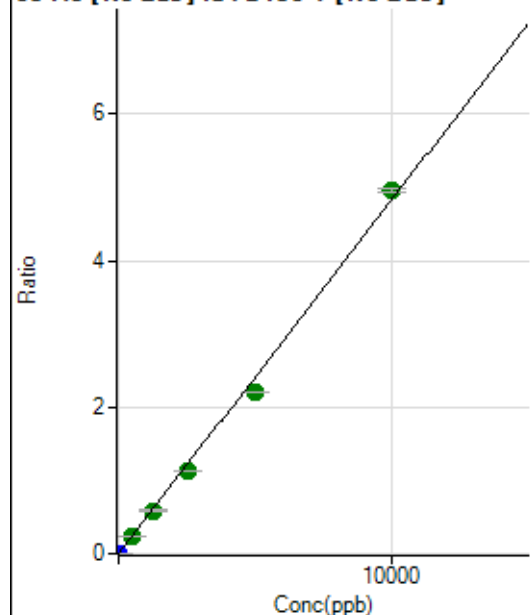
$$DL = 0.02873$$

$$BEC = 0.08824$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	362.23	0.0000	P	6.8
2	☐	5.000	5.165	21441.39	0.0025	P	1.2
3	☐	500.000	479.971	1977878.34	0.2317	A	2.6
4	☐	1250.000	1215.086	4965478.26	0.5864	A	1.4
5	☐	2500.000	2344.923	9532229.30	1.1317	A	1.3
6	☐	5000.000	4565.966	19130435.55	2.2036	A	1.0
7	☐	10000.000	10261.152	41626186.32	4.9520	A	1.0
8	☐			8819.40	0.0010	P	3.8

$$y = 4.8260\text{E-}004 * x + 4.2629\text{E-}005$$

$$R = 0.9985$$

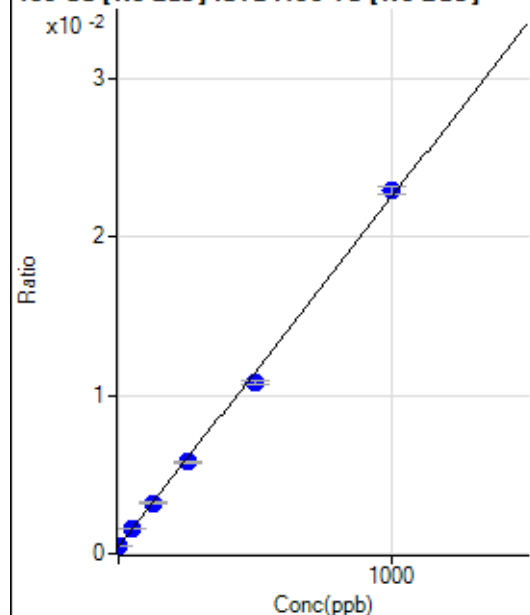
$$DL = 0.01795$$

$$BEC = 0.08833$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2612.48	0.0004	P	2.1
2	☐	1.000	-0.027	2615.82	0.0004	P	5.2
3	☐	50.000	50.212	9149.64	0.0016	P	3.1
4	☐	125.000	124.470	19124.92	0.0032	P	2.5
5	☐	250.000	241.416	34832.86	0.0058	P	0.7
6	☐	500.000	469.302	65860.86	0.0108	P	2.1
7	☐	1000.000	1017.551	136831.97	0.0229	P	2.1
8	☐			2446.89	0.0004	P	2.8

$$y = 2.2068\text{E-}005 * x + 4.4575\text{E-}004$$

$$R = 0.9993$$

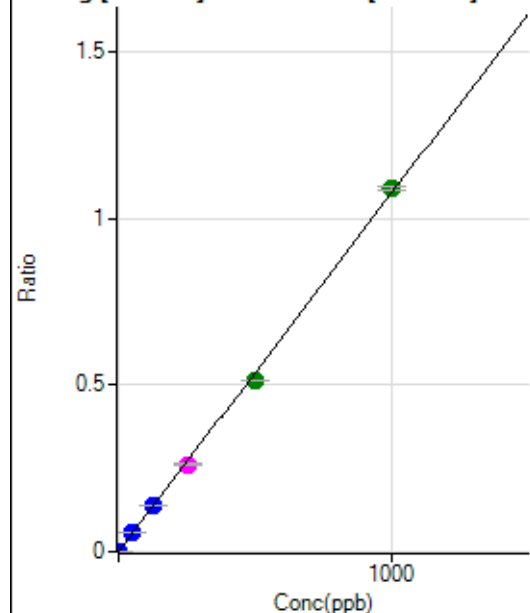
$$DL = 1.262$$

$$BEC = 20.2$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	14.8
2	☐	1.000	1.011	6431.48	0.0011	P	2.3
3	☐	50.000	51.730	327803.81	0.0557	P	1.9
4	☐	125.000	127.269	820555.59	0.1370	P	0.1
5	☐	250.000	243.975	1584371.03	0.2626	M	1.1
6	☐	500.000	478.169	3137986.31	0.5147	A	0.6
7	☐	1000.000	1012.052	6508318.03	1.0893	A	1.1
8	☐			1270.07	0.0002	P	4.7

$$y = 0.0011 * x + 6.6452E-006$$

$$R = 0.9996$$

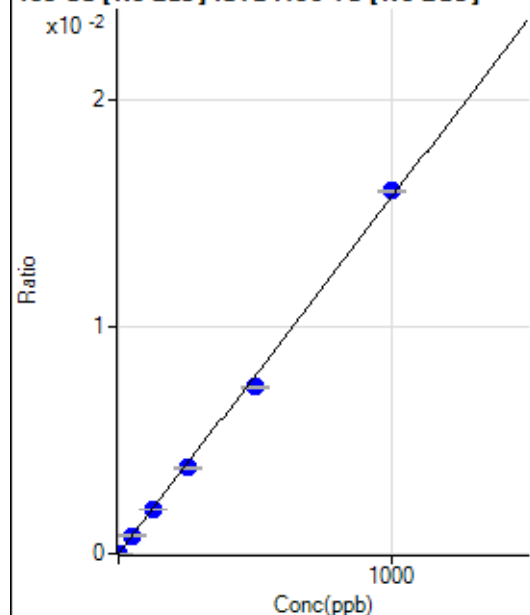
$$DL = 0.00275$$

$$BEC = 0.006174$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	58.0
2	☐	1.000	1.130	114.45	0.0000	P	11.3
3	☐	50.000	50.632	4696.36	0.0008	P	5.1
4	☐	125.000	124.428	11733.72	0.0020	P	3.2
5	☐	250.000	241.062	22884.80	0.0038	P	1.0
6	☐	500.000	468.419	44928.34	0.0074	P	1.5
7	☐	1000.000	1018.065	95675.40	0.0160	P	0.9
8	☐			71.11	0.0000	P	22.6

$$y = 1.5728E-005 * x + 1.7085E-006$$

$$R = 0.9992$$

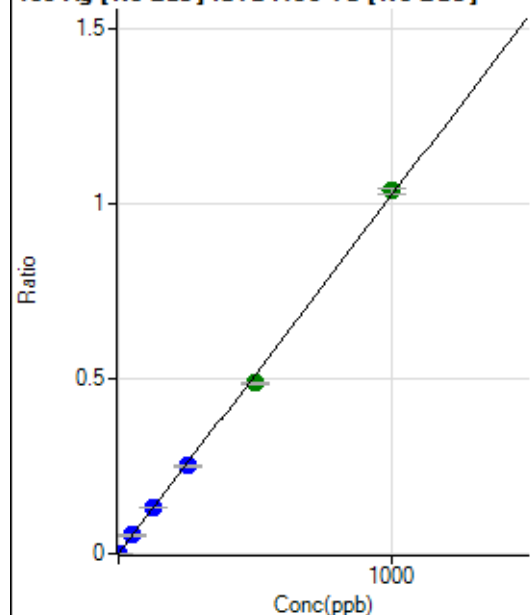
$$DL = 0.189$$

$$BEC = 0.1086$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.56	0.0000	P	28.7
2	☐	1.000	1.051	6340.34	0.0011	P	4.5
3	☐	50.000	51.396	309443.97	0.0526	P	1.7
4	☐	125.000	126.858	777153.42	0.1297	P	0.4
5	☐	250.000	244.822	1510624.02	0.2504	P	1.3
6	☐	500.000	476.350	2970210.30	0.4872	A	1.0
7	☐	1000.000	1012.817	6188563.80	1.0358	A	1.3
8	☐			1121.17	0.0002	P	5.4

$$y = 0.0010 * x + 4.3443E-006$$

$$R = 0.9996$$

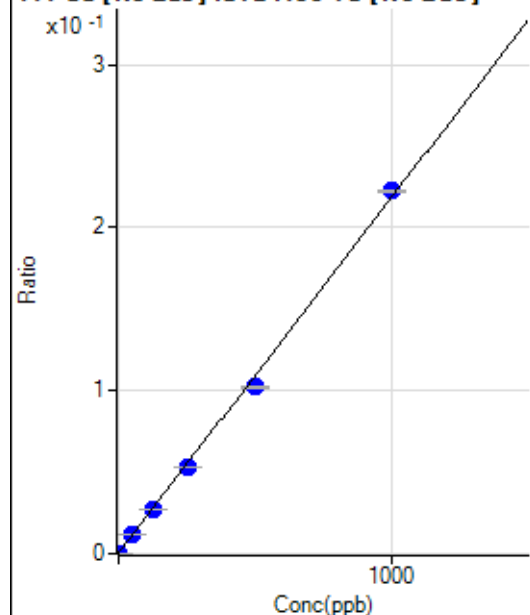
$$DL = 0.003657$$

$$BEC = 0.004248$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1832.85	0.0003	P	2.3
2	☐	1.000	1.033	3162.16	0.0005	P	4.4
3	☐	50.000	50.564	66774.30	0.0113	P	1.5
4	☐	125.000	124.934	165124.02	0.0276	P	0.6
5	☐	250.000	240.950	319001.16	0.0529	P	1.3
6	☐	500.000	467.042	623070.36	0.1022	P	0.9
7	☐	1000.000	1018.722	1329575.00	0.2225	P	0.8
8	☐			2383.08	0.0004	P	1.7

$$y = 2.1814E-004 * x + 3.1273E-004$$

$$R = 0.9991$$

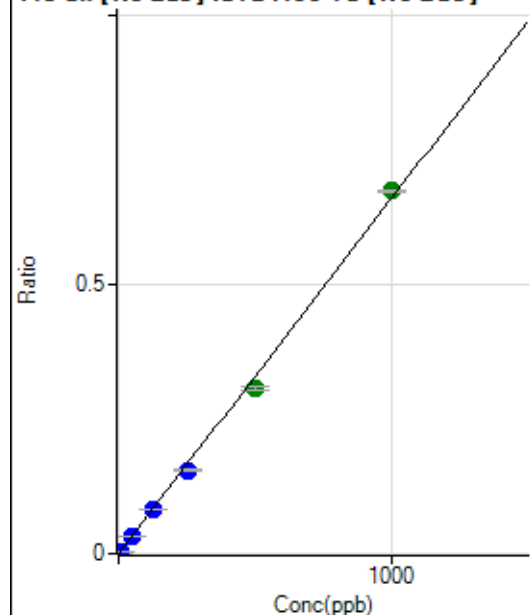
$$DL = 0.09704$$

$$BEC = 1.434$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	743.36	0.0001	P	2.2
2	☐	5.000	5.234	21059.98	0.0036	P	0.6
3	☐	50.000	49.508	193240.41	0.0328	P	1.8
4	☐	125.000	122.270	484482.65	0.0809	P	0.5
5	☐	250.000	235.332	938540.07	0.1556	P	0.9
6	☐	500.000	465.147	1873973.22	0.3074	A	2.9
7	☐	1000.000	1021.458	4031594.91	0.6748	A	0.9
8	☐			2732.51	0.0005	P	5.0

$$y = 6.6049\text{E-}004 * x + 1.2683\text{E-}004$$

$$R = 0.9990$$

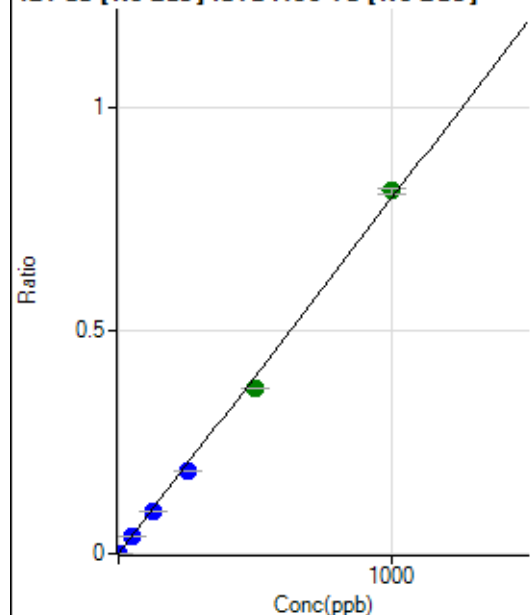
$$DL = 0.01277$$

$$BEC = 0.192$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	16.9
2	☐	2.000	2.027	9500.98	0.0016	P	2.1
3	☐	50.000	49.146	230040.41	0.0391	P	1.5
4	☐	125.000	121.033	576404.39	0.0962	P	0.4
5	☐	250.000	234.202	1123399.79	0.1862	P	0.9
6	☐	500.000	466.055	2259089.03	0.3705	A	0.7
7	☐	1000.000	1021.461	4852031.91	0.8121	A	1.7
8	☐			4285.13	0.0007	P	3.5

$$y = 7.9502\text{E-}004 * x + 5.6845\text{E-}006$$

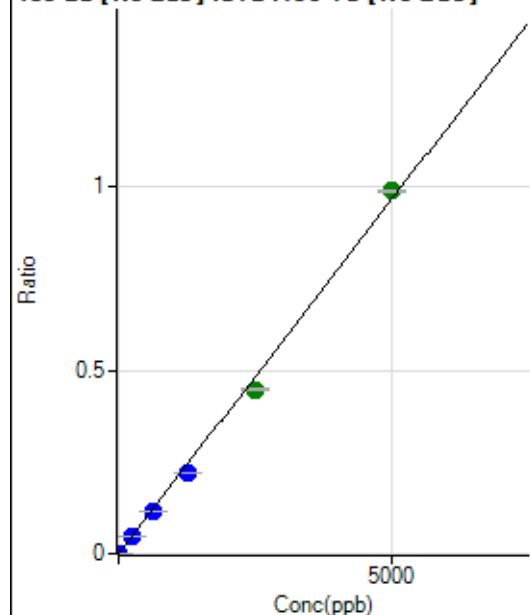
$$R = 0.9990$$

$$DL = 0.003632$$

$$BEC = 0.00715$$

Weight: <None>

Min Conc: <None>

135 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	13.9
2	☐	10.000	10.305	11706.02	0.0020	P	1.3
3	☐	250.000	239.688	272068.56	0.0462	P	1.1
4	☐	625.000	592.228	683962.04	0.1142	P	0.8
5	☐	1250.000	1145.515	1332436.89	0.2208	P	0.3
6	☐	2500.000	2311.428	2717029.54	0.4456	A	1.3
7	☐	5000.000	5125.018	5903185.61	0.9881	A	0.8
8	☐			3806.10	0.0007	P	4.9

$$y = 1.9279\text{E-}004 * x + 5.5061\text{E-}006$$

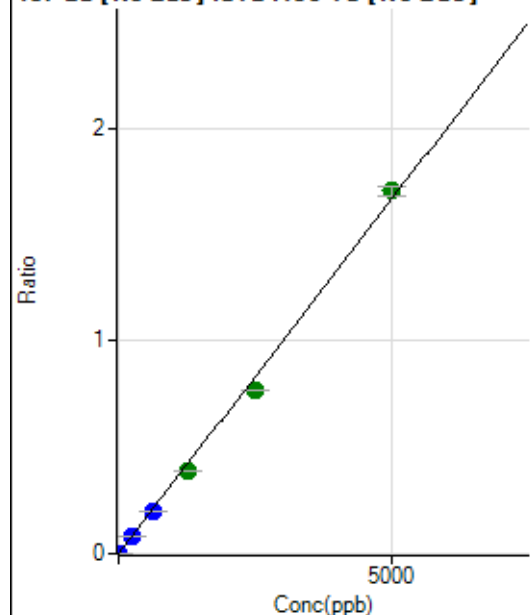
$$R = 0.9987$$

$$DL = 0.01193$$

$$BEC = 0.02856$$

Weight: <None>

Min Conc: <None>

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	40.1
2	☐	10.000	10.001	19589.16	0.0033	P	2.3
3	☐	250.000	241.067	472093.50	0.0802	P	2.1
4	☐	625.000	593.050	1181761.82	0.1973	P	0.3
5	☐	1250.000	1168.560	2345370.14	0.3887	A	1.9
6	☐	2500.000	2307.533	4680207.92	0.7676	A	0.9
7	☐	5000.000	5121.034	10178559.29	1.7036	A	2.6
8	☐			6413.73	0.0011	P	1.1

$$y = 3.3266\text{E-}004 * x + 6.6559\text{E-}006$$

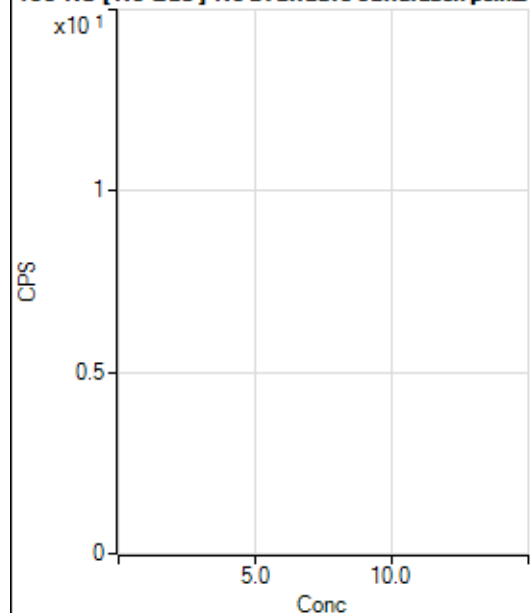
$$R = 0.9988$$

$$DL = 0.02405$$

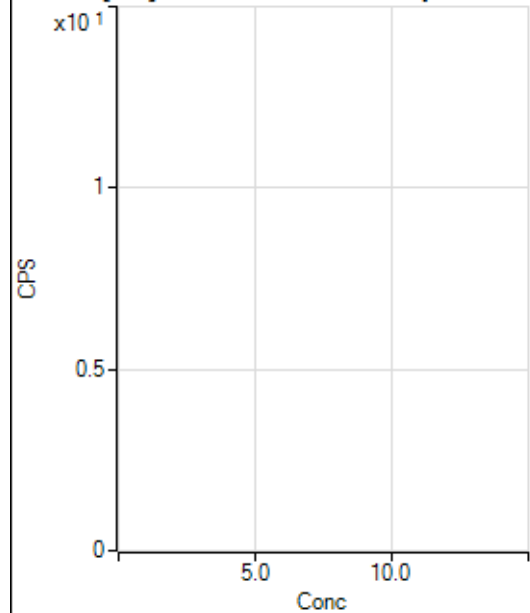
$$BEC = 0.02001$$

Weight: <None>

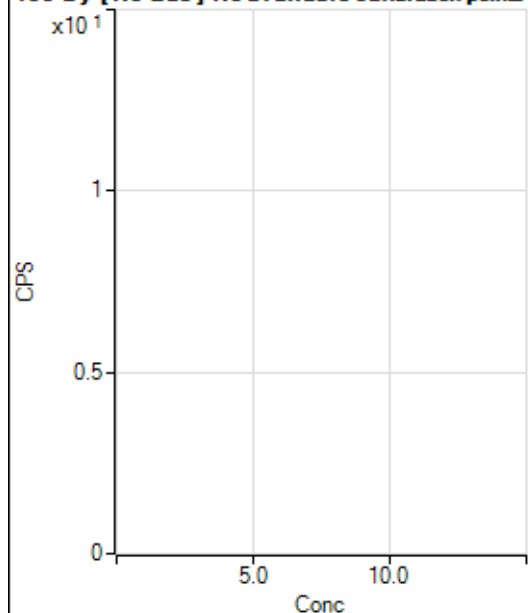
Min Conc: <None>

150 Nd [No Gas] No available calibration points

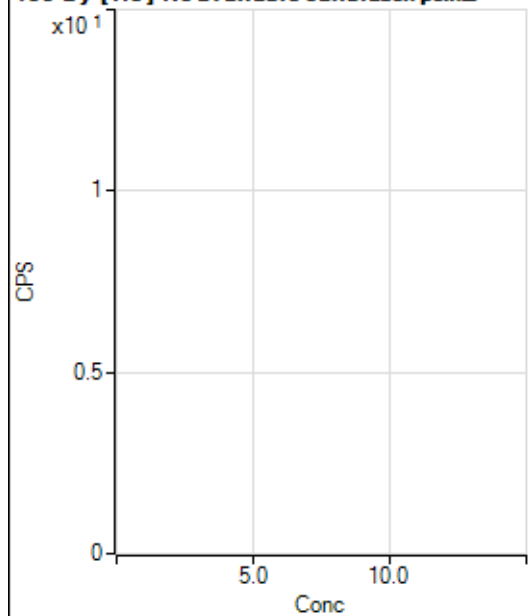
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	49.5
3	☐			14.44		P	13.4
4	☐			31.11		P	16.4
5	☐			58.89		P	34.6
6	☐			111.12		P	19.1
7	☐			216.67		P	14.1
8	☐			130.00		P	14.3

150 Nd [He] No available calibration points

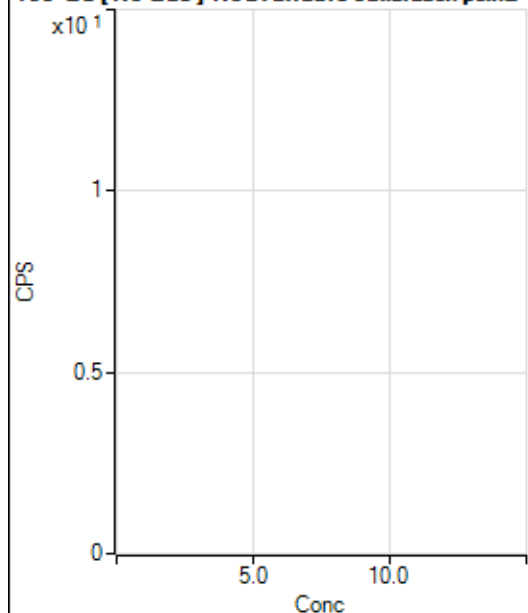
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			0.00		P	
3	☐			4.44		P	43.4
4	☐			14.44		P	58.1
5	☐			27.78		P	38.6
6	☐			21.11		P	18.2
7	☐			75.56		P	2.6
8	☐			65.56		P	28.0

156 Dy [No Gas] No available calibration points

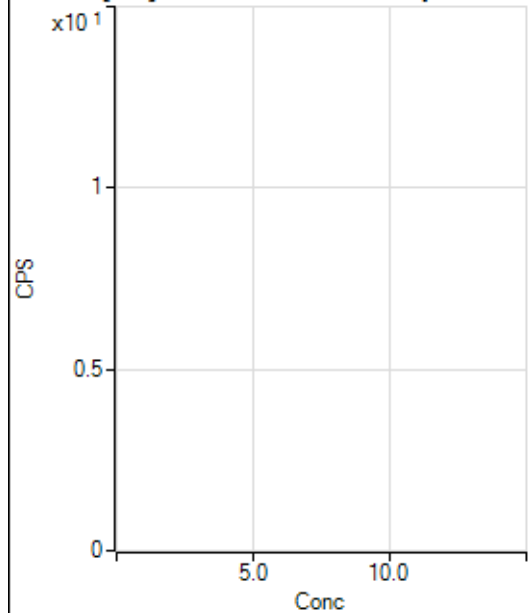
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			5.56		P	91.6
3	☐			24.44		P	51.6
4	☐			25.56		P	30.1
5	☐			36.67		P	24.0
6	☐			58.89		P	19.9
7	☐			114.44		P	19.4
8	☐			252.23		P	4.2

156 Dy [He] No available calibration points

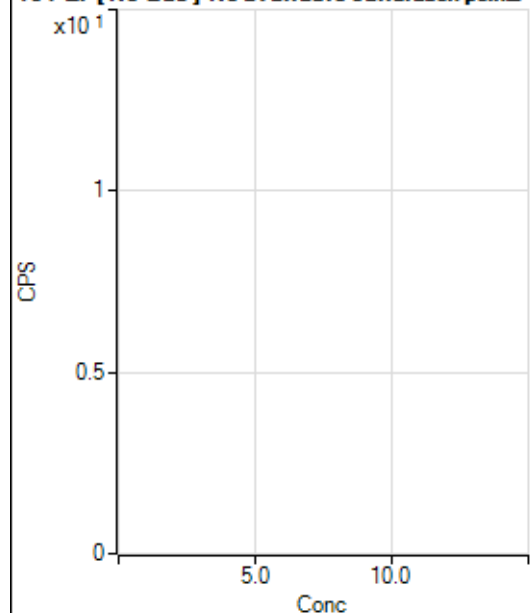
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			4.45		P	86.6
3	☐			24.45		P	43.8
4	☐			41.11		P	4.7
5	☐			102.22		P	13.6
6	☐			163.34		P	2.0
7	☐			331.12		P	10.7
8	☐			237.78		P	13.3

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

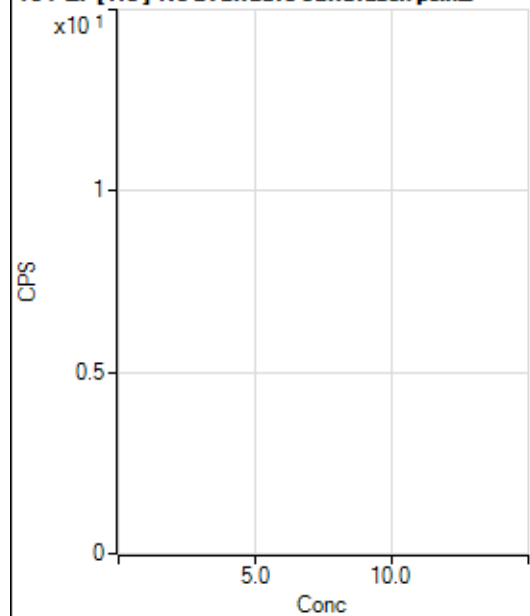
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	25.4
2	☐			30.00		P	55.6
3	☐			56.66		P	10.2
4	☐			58.89		P	26.1
5	☐			65.56		P	7.8
6	☐			81.11		P	6.3
7	☐			125.56		P	18.6
8	☐			287.78		P	6.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			312.23		P	9.3
2	☐			284.45		P	12.9
3	☐			320.01		P	11.0
4	☐			292.23		P	12.2
5	☐			292.23		P	11.0
6	☐			335.56		P	11.9
7	☐			397.79		P	11.9
8	☐			462.23		P	7.1

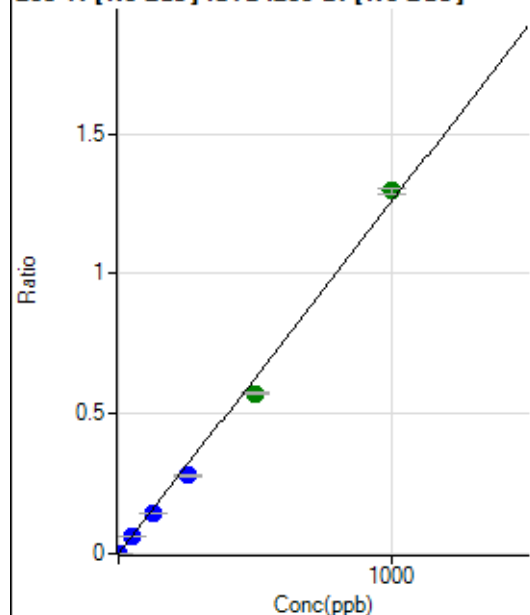
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	24.1
2	☐			40.00		P	38.2
3	☐			48.89		P	32.2
4	☐			46.67		P	14.3
5	☐			68.89		P	18.3
6	☐			103.34		P	11.6
7	☐			190.00		P	18.2
8	☐			603.36		P	12.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	82.6
2	☐			26.67		P	33.1
3	☐			28.89		P	17.6
4	☐			41.11		P	33.8
5	☐			51.11		P	19.9
6	☐			73.33		P	19.8
7	☐			141.11		P	8.9
8	☐			377.79		P	10.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	11.0
2	☐	1.000	0.999	4539.70	0.0013	P	4.3
3	☐	50.000	46.815	206692.85	0.0589	P	0.7
4	☐	125.000	114.152	521358.40	0.1436	P	1.4
5	☐	250.000	222.315	1020696.75	0.2796	P	2.7
6	☐	500.000	455.634	2164563.65	0.5730	A	1.4
7	☐	1000.000	1030.619	4598002.88	1.2960	A	1.2
8	☐			6369.35	0.0019	P	2.2

$$y = 0.0013 * x + 4.1572E-005$$

$$R = 0.9982$$

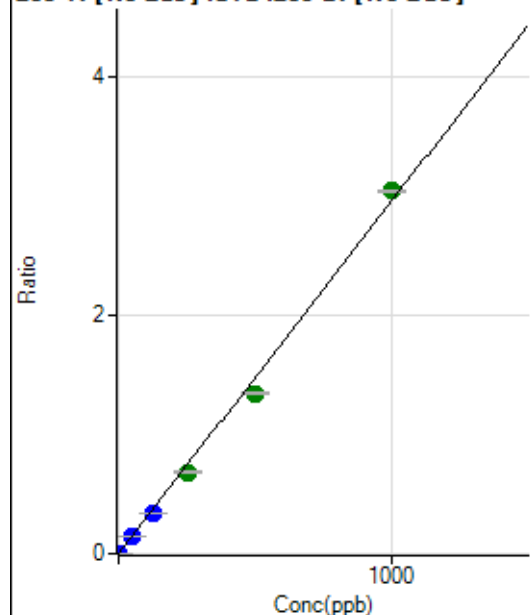
$$DL = 0.01087$$

$$BEC = 0.03306$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	378.90	0.0001	P	12.8
2	☐	1.000	0.982	10550.86	0.0030	P	2.6
3	☐	50.000	46.633	484635.12	0.1381	P	0.9
4	☐	125.000	113.983	1225393.77	0.3375	P	1.2
5	☐	250.000	230.697	2492935.28	0.6829	A	3.2
6	☐	500.000	453.723	5074015.69	1.3430	A	1.3
7	☐	1000.000	1029.510	10811815.81	3.0472	A	0.2
8	☐			15215.26	0.0045	P	0.2

$$y = 0.0030 * x + 1.0911E-004$$

$$R = 0.9982$$

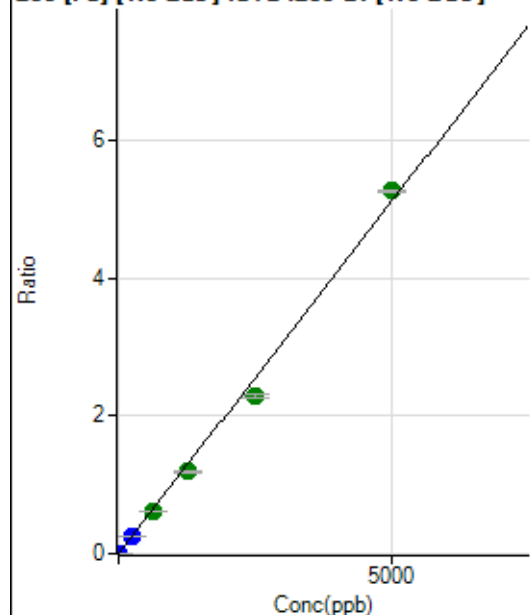
$$DL = 0.01411$$

$$BEC = 0.03686$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.11	0.0001	P	11.3
2	☐	1.000	1.004	3833.91	0.0011	P	5.5
3	☐	250.000	236.194	847141.60	0.2415	P	1.0
4	☐	625.000	598.616	2221680.56	0.6119	A	1.3
5	☐	1250.000	1166.750	4353615.70	1.1925	A	2.2
6	☐	2500.000	2244.084	8664311.47	2.2935	A	2.4
7	☐	5000.000	5152.758	18685795.14	5.2662	A	0.8
8	☐			5356.67	0.0016	P	2.2

$$y = 0.0010 * x + 6.9441E-005$$

$$R = 0.9980$$

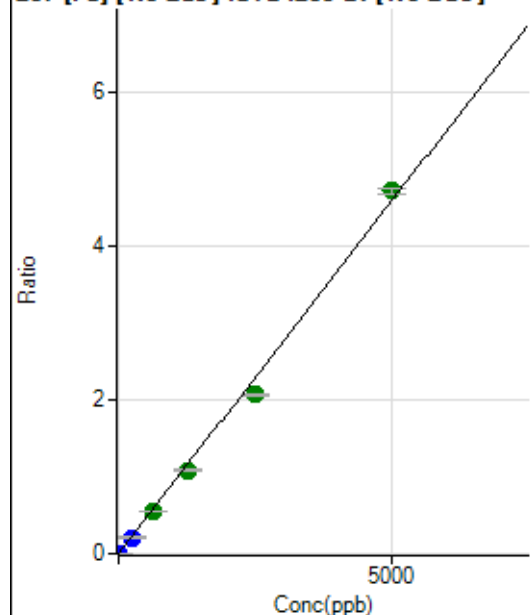
$$DL = 0.02313$$

$$BEC = 0.06795$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	234.45	0.0001	P	6.7
2	☐	1.000	0.982	3388.24	0.0010	P	1.3
3	☐	250.000	231.504	744789.55	0.2123	P	1.5
4	☐	625.000	599.266	1995009.45	0.5494	A	1.6
5	☐	1250.000	1175.074	3932892.30	1.0773	A	2.4
6	☐	2500.000	2252.319	7800931.83	2.0648	A	1.0
7	☐	5000.000	5146.714	16742498.22	4.7181	A	1.4
8	☐			4585.26	0.0014	P	3.0

$$y = 9.1671E-004 * x + 6.7466E-005$$

$$R = 0.9981$$

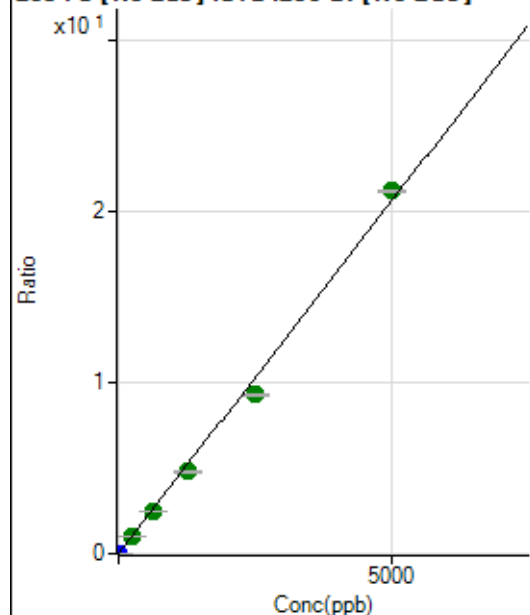
$$DL = 0.01471$$

$$BEC = 0.0736$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1052.25	0.0003	P	2.8
2	☐	1.000	0.981	15183.44	0.0043	P	3.0
3	☐	250.000	238.309	3440421.51	0.9806	A	0.9
4	☐	625.000	598.917	8946948.27	2.4640	A	1.4
5	☐	1250.000	1166.187	17512677.86	4.7975	A	3.2
6	☐	2500.000	2257.894	35091643.99	9.2883	A	1.4
7	☐	5000.000	5145.851	75109998.33	21.1681	A	0.5
8	☐			21091.06	0.0063	P	1.2

$$y = 0.0041 * x + 3.0256E-004$$

$$R = 0.9982$$

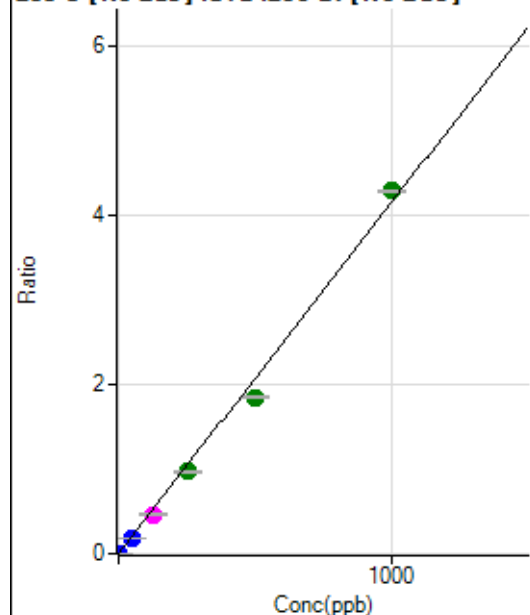
$$DL = 0.006202$$

$$BEC = 0.07355$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.33	0.0000	P	50.9
2	☐	1.000	0.976	14206.53	0.0041	P	1.9
3	☐	50.000	44.943	655257.51	0.1868	P	1.2
4	☐	125.000	112.237	1693745.72	0.4664	M	3.2
5	☐	250.000	233.982	3549278.25	0.9723	A	3.4
6	☐	500.000	445.399	6992979.27	1.8509	A	1.0
7	☐	1000.000	1033.153	15232375.33	4.2933	A	0.8
8	☐			614.47	0.0002	P	4.5

$$y = 0.0042 * x + 3.8348E-006$$

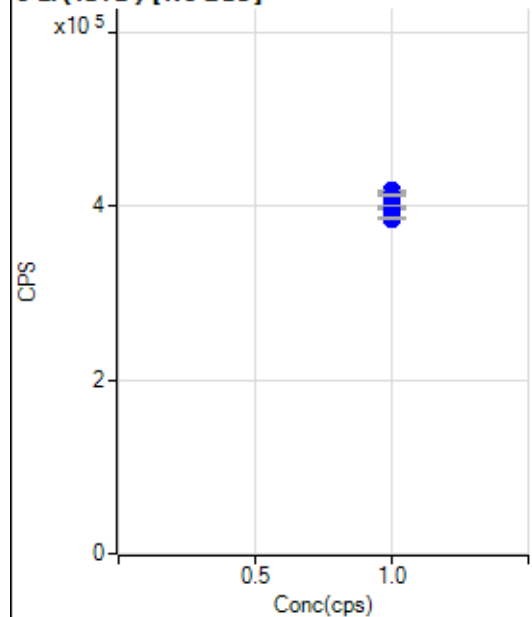
$$R = 0.9977$$

$$DL = 0.001408$$

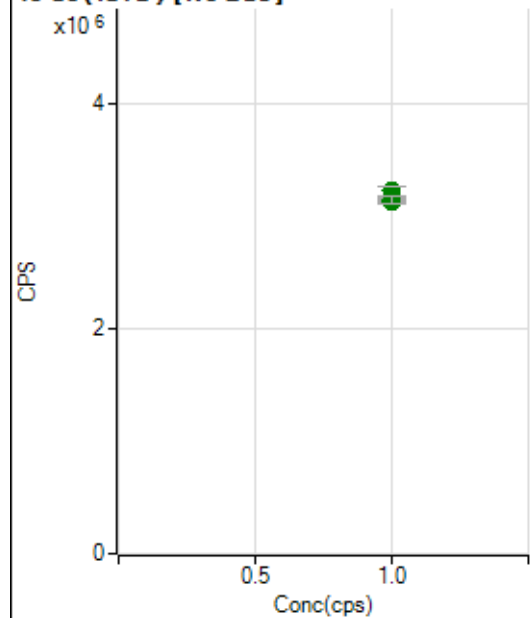
$$BEC = 0.0009228$$

Weight: <None>

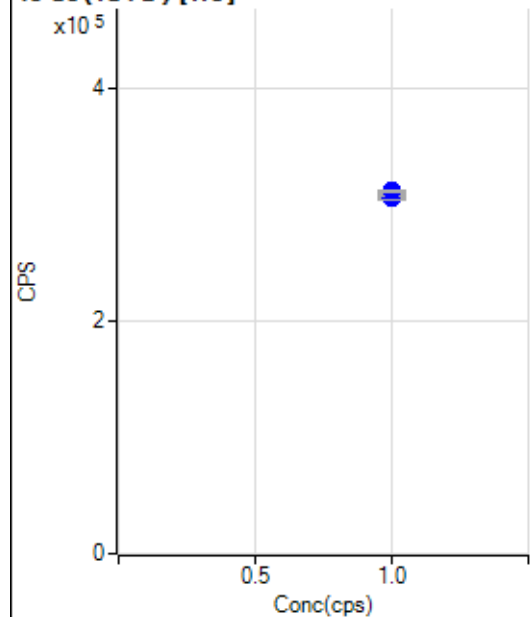
Min Conc: <None>

6 Li (ISTD) [No Gas]

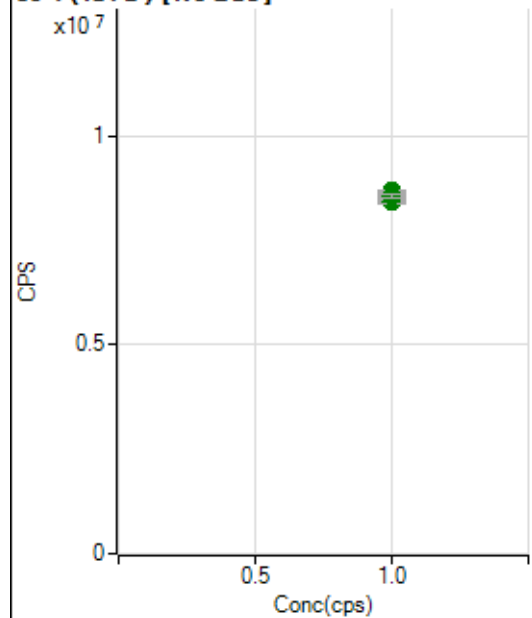
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		395929.69		P	0.2
2	☐	1.000		399244.62		P	0.9
3	☐	1.000		413897.87		P	0.5
4	☐	1.000		417105.36		P	0.8
5	☐	1.000		411572.77		P	0.7
6	☐	1.000		412084.47		P	0.4
7	☐	1.000		400367.31		P	0.1
8	☐	1.000		385544.34		P	0.9

45 Sc (ISTD) [No Gas]

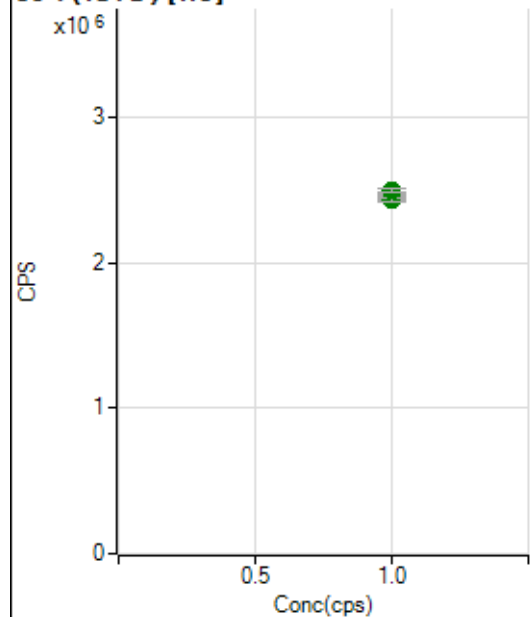
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3130900.40		A	0.7
2	☐	1.000		3162441.24		A	0.7
3	☐	1.000		3121426.97		A	0.8
4	☐	1.000		3221220.65		A	2.6
5	☐	1.000		3166986.48		A	0.7
6	☐	1.000		3171003.77		A	0.8
7	☐	1.000		3125719.88		A	0.9
8	☐	1.000		3138066.24		A	2.3

45 Sc (ISTD) [He]

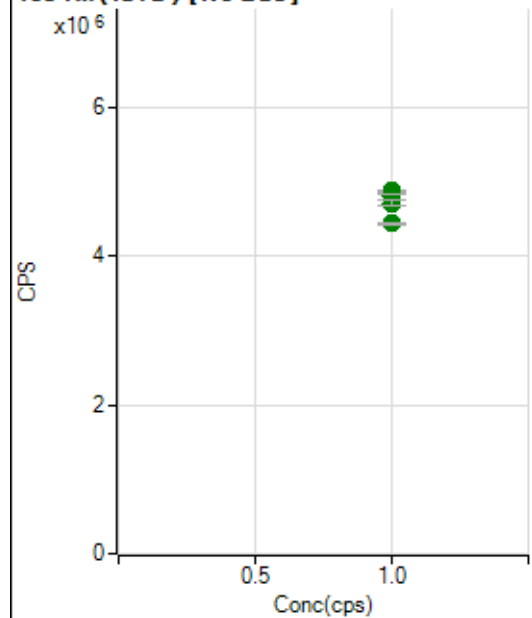
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		308692.57		P	0.4
2	☐	1.000		308506.23		P	0.6
3	☐	1.000		306118.60		P	1.1
4	☐	1.000		307495.23		P	0.2
5	☐	1.000		305501.08		P	0.8
6	☐	1.000		307843.58		P	1.4
7	☐	1.000		306248.15		P	0.6
8	☐	1.000		312253.50		P	0.3

89 Y (ISTD) [No Gas]

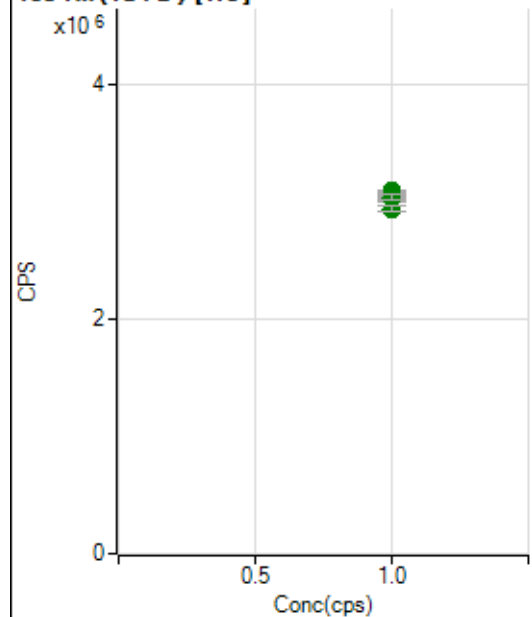
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8496678.28		A	0.2
2	☐	1.000		8458531.61		A	2.1
3	☐	1.000		8540101.47		A	1.9
4	☐	1.000		8468378.14		A	1.5
5	☐	1.000		8423020.43		A	0.1
6	☐	1.000		8681896.19		A	0.6
7	☐	1.000		8405653.42		A	1.0
8	☐	1.000		8561440.70		A	1.4

89 Y(ISTD) [He]

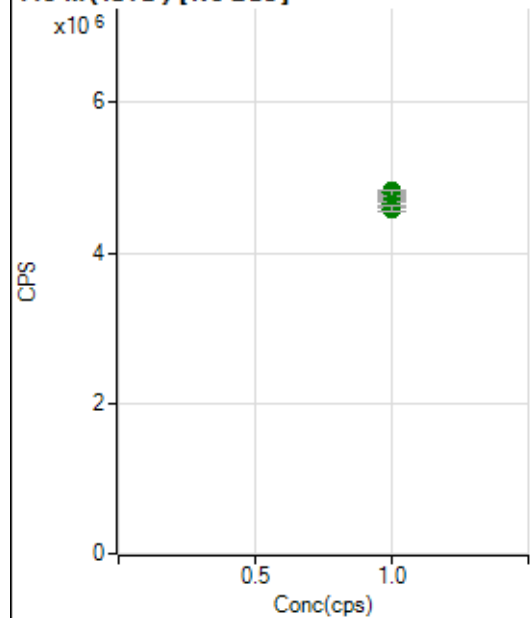
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2450244.91		A	1.7
2	☐	1.000		2449310.26		A	1.6
3	☐	1.000		2436208.90		A	1.4
4	☐	1.000		2449082.03		A	0.9
5	☐	1.000		2440800.63		A	1.3
6	☐	1.000		2474757.67		A	0.6
7	☐	1.000		2437877.11		A	1.5
8	☐	1.000		2498199.93		A	1.0

103 Rh(ISTD) [No Gas]

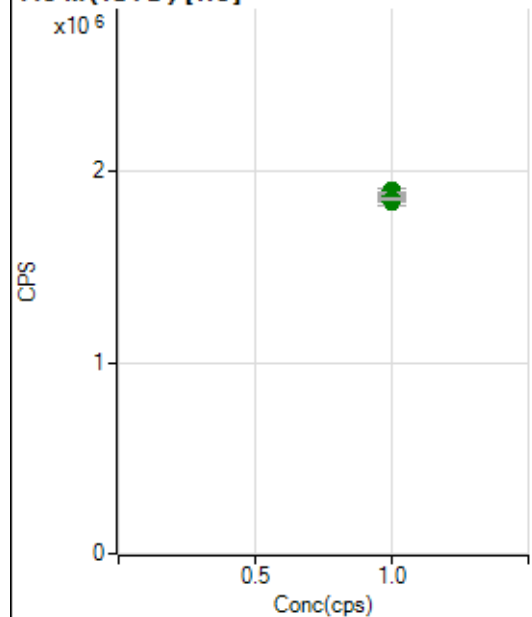
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4854520.13		A	1.0
2	☐	1.000		4812640.24		A	1.7
3	☐	1.000		4863076.25		A	0.3
4	☐	1.000		4863561.59		A	0.6
5	☐	1.000		4881978.02		A	0.6
6	☐	1.000		4834255.62		A	0.2
7	☐	1.000		4720681.00		A	1.9
8	☐	1.000		4441662.92		A	0.6

103 Rh (ISTD) [He]

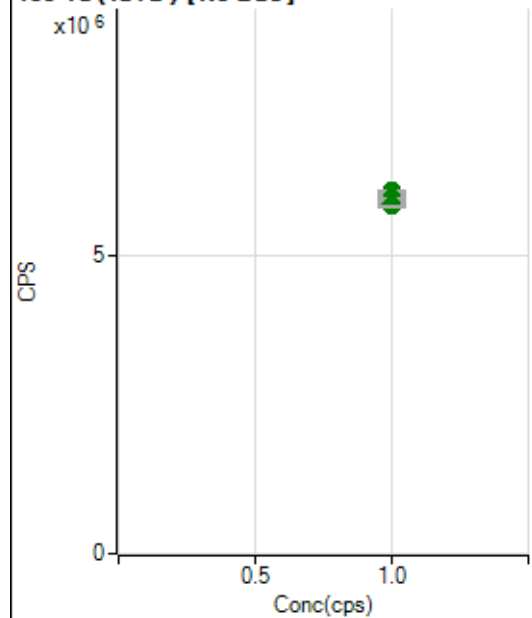
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3098944.05		A	0.5
2	☐	1.000		3089633.50		A	1.3
3	☐	1.000		3067216.93		A	1.8
4	☐	1.000		3061602.42		A	0.7
5	☐	1.000		3031922.21		A	2.3
6	☐	1.000		3062163.88		A	0.8
7	☐	1.000		3039565.93		A	1.6
8	☐	1.000		2948331.97		A	1.5

115 In (ISTD) [No Gas]

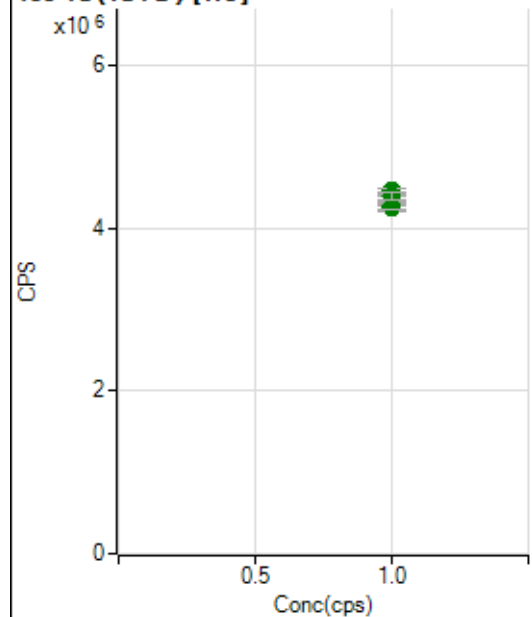
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4771132.31		A	1.9
2	☐	1.000		4742023.87		A	1.7
3	☐	1.000		4749782.83		A	0.3
4	☐	1.000		4826088.22		A	0.6
5	☐	1.000		4768522.37		A	0.5
6	☐	1.000		4797572.01		A	1.5
7	☐	1.000		4645294.89		A	1.6
8	☐	1.000		4589474.63		A	1.6

115 In (ISTD) [He]

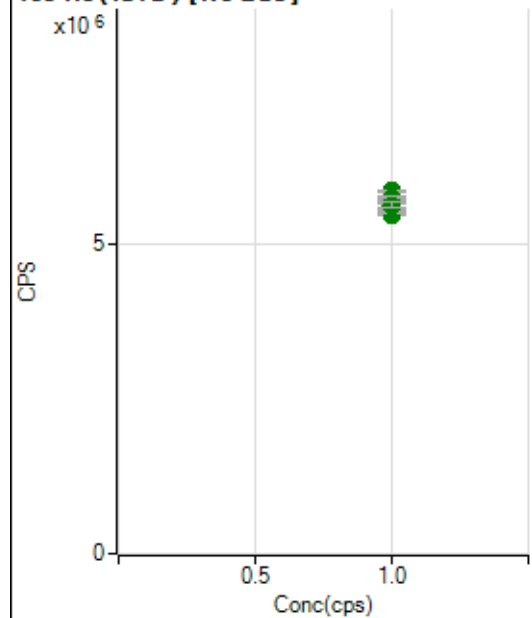
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1900912.35		A	1.0
2	☐	1.000		1883161.02		A	1.1
3	☐	1.000		1877249.95		A	1.3
4	☐	1.000		1859168.50		A	1.6
5	☐	1.000		1878699.14		A	1.4
6	☐	1.000		1890630.26		A	0.5
7	☐	1.000		1845896.70		A	2.4
8	☐	1.000		1855870.55		A	0.6

159 Tb (ISTD) [No Gas]

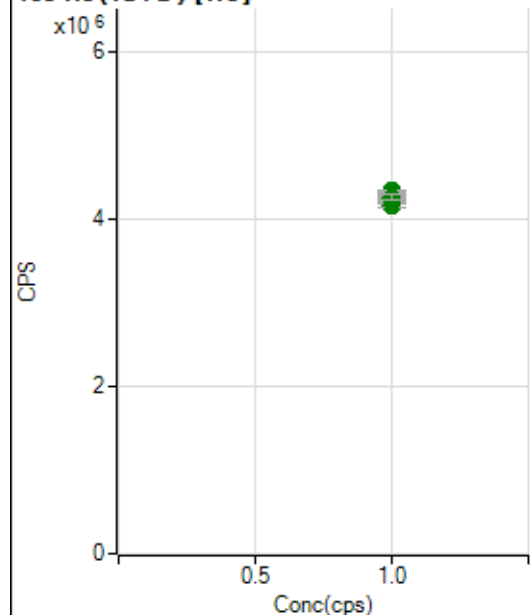
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5862367.13		A	1.9
2	☐	1.000		5875974.15		A	0.3
3	☐	1.000		5887521.99		A	1.3
4	☐	1.000		5989875.53		A	1.1
5	☐	1.000		6033275.46		A	0.1
6	☐	1.000		6096923.10		A	0.4
7	☐	1.000		5974422.06		A	0.6
8	☐	1.000		5833068.66		A	0.8

159 Tb (ISTD) [He]

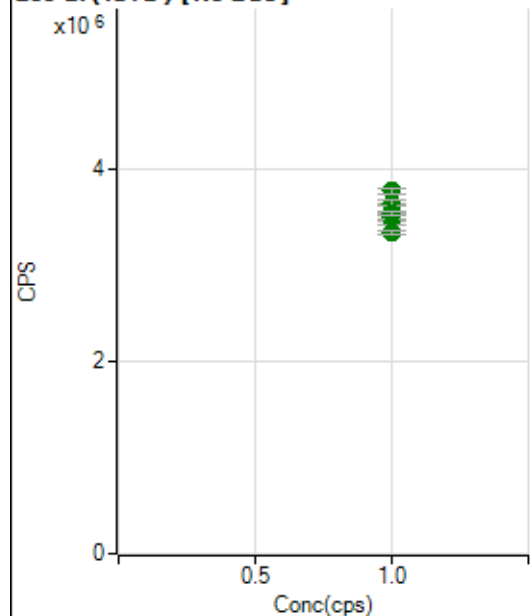
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4250555.70		A	0.9
2	☐	1.000		4253315.87		A	1.9
3	☐	1.000		4279472.26		A	0.8
4	☐	1.000		4270089.97		A	1.7
5	☐	1.000		4335953.51		A	0.5
6	☐	1.000		4452652.57		A	1.5
7	☐	1.000		4385843.93		A	0.3
8	☐	1.000		4397686.05		A	2.0

165 Ho (ISTD) [No Gas]

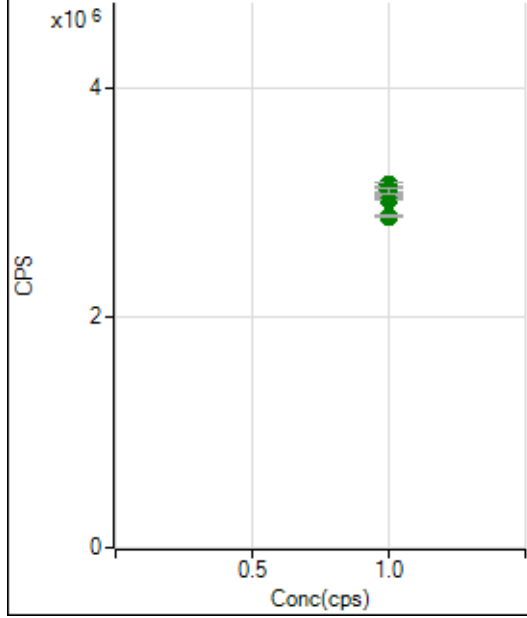
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5483465.54		A	0.3
2	☐	1.000		5526554.29		A	0.6
3	☐	1.000		5623356.03		A	1.8
4	☐	1.000		5730941.44		A	0.3
5	☐	1.000		5676459.36		A	0.5
6	☐	1.000		5869942.48		A	0.4
7	☐	1.000		5758137.97		A	0.5
8	☐	1.000		5645888.60		A	2.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4157373.34		A	1.5
2	☐	1.000		4167413.20		A	1.9
3	☐	1.000		4205456.60		A	1.2
4	☐	1.000		4260116.57		A	0.8
5	☐	1.000		4228389.38		A	1.9
6	☐	1.000		4311459.59		A	1.6
7	☐	1.000		4329887.19		A	0.6
8	☐	1.000		4248983.76		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3479176.65		A	2.7
2	☐	1.000		3501716.10		A	2.4
3	☐	1.000		3508757.48		A	1.4
4	☐	1.000		3631152.79		A	0.5
5	☐	1.000		3651902.48		A	2.0
6	☐	1.000		3778210.39		A	1.5
7	☐	1.000		3548105.95		A	1.4
8	☐	1.000		3344377.34		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3053002.42		A	0.8
2	☐	1.000		3038968.19		A	1.2
3	☐	1.000		3032121.06		A	0.7
4	☐	1.000		3075833.18		A	0.8
5	☐	1.000		3124699.74		A	1.6
6	☐	1.000		3154280.55		A	1.6
7	☐	1.000		3102146.52		A	1.3
8	☐	1.000		2880263.26		A	0.9