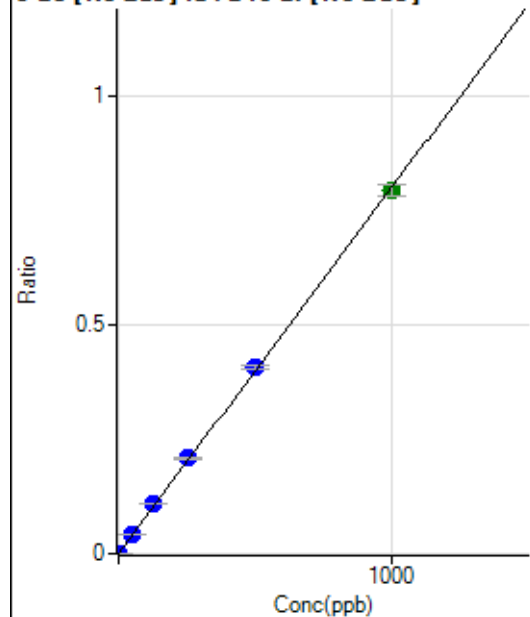


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7012925-MSA.b\
 Analysis File: P7012925-MSA.batch.bin
 DA Date-Time: 2025-02-06 00:11:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-29 17:56:10
2	006CALS.d	S02	2025-01-29 18:02:44
3	007CALS.d	S03	2025-01-29 18:06:00
4	008CALS.d	S04	2025-01-29 18:09:06
5	009CALS.d	S05	2025-01-29 18:12:01
6	010CALS.d	S06	2025-01-29 18:14:51
7	011CALS.d	S07	2025-01-29 18:17:35
8	012CALS.d	S08	2025-01-29 18:20:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	181.12	0.0001	P	7.3
2	☐	1.000	1.162	1724.56	0.0010	P	0.9
3	☐	50.000	54.634	73870.99	0.0438	P	0.9
4	☐	125.000	135.196	186023.46	0.1083	P	1.3
5	☐	250.000	260.429	367698.89	0.2084	P	2.2
6	☐	500.000	508.623	720870.21	0.4070	P	1.8
7	☐	1000.000	991.575	1372545.02	0.7933	A	3.2
8	☐			625.58	0.0004	P	21.8

$$y = 7.9994\text{E-}004 * x + 1.1186\text{E-}004$$

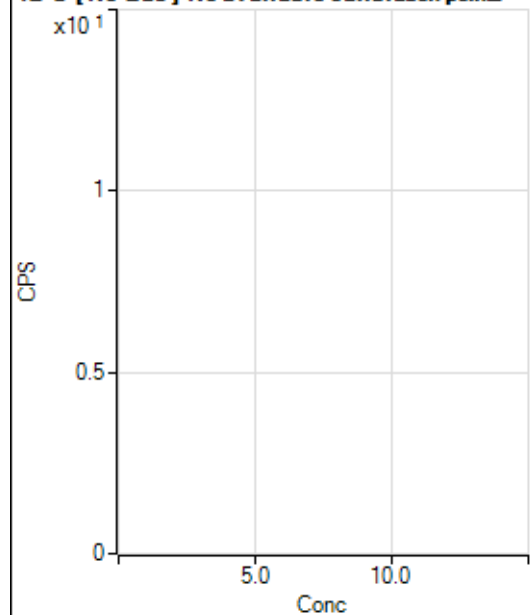
$$R = 0.9999$$

$$DL = 0.03049$$

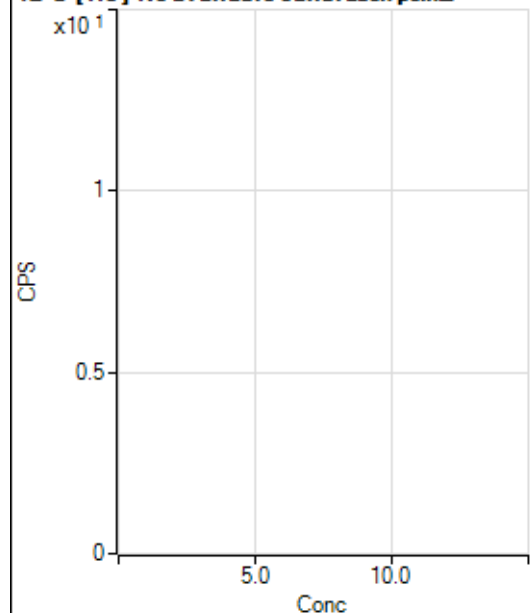
$$BEC = 0.1398$$

Weight: <None>

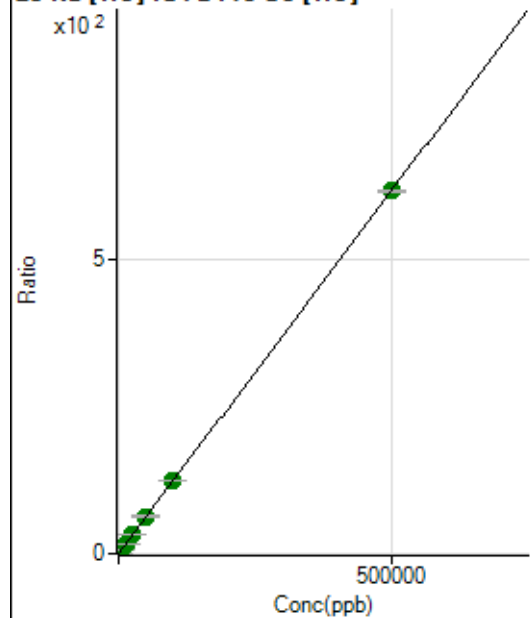
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16901.55	0.0390	P	2.1
2	☐	500.000	514.425	296634.03	0.6739	P	1.4
3	☐	5000.000	4942.842	2663391.64	6.1388	A	1.4
4	☐	12500.000	12721.077	6672109.55	15.7375	A	1.3
5	☐	25000.000	25295.878	12786360.78	31.2555	A	0.6
6	☐	50000.000	51520.494	25508427.95	63.6181	A	0.6
7	☐	100000.00	100213.17	49342327.04	123.7076	A	0.7
8	☐	500000.00	499785.55	242967656.3	616.8018	A	0.3

$$y = 0.0012 * x + 0.0390$$

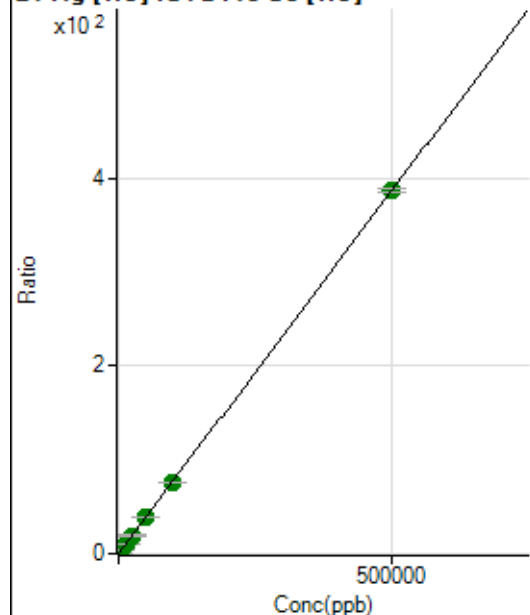
$$R = 1.0000$$

$$DL = 2.025$$

$$BEC = 31.63$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1234.50	0.0029	P	5.8
2	☐	500.000	513.637	175883.79	0.3995	P	0.6
3	☐	5000.000	4912.990	1647437.09	3.7972	A	1.3
4	☐	12500.000	12499.559	4094041.54	9.6563	A	2.0
5	☐	25000.000	25133.322	7941846.76	19.4133	A	0.4
6	☐	50000.000	50715.990	15705914.35	39.1708	A	0.8
7	☐	100000.00	98811.638	30438882.32	76.3151	A	0.9
8	☐	500000.00	500160.27	152157938.8	386.2766	A	1.0

$$y = 7.7230\text{E-}004 * x + 0.0029$$

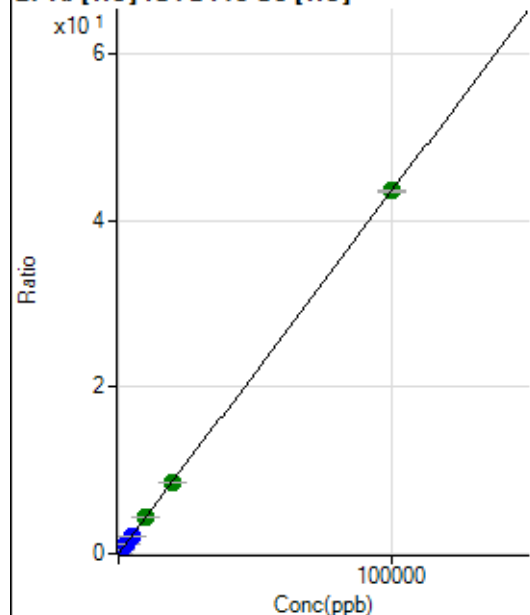
$$R = 1.0000$$

$$DL = 0.6465$$

$$BEC = 3.691$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.66	0.0001	P	40.0
2	☐	20.000	19.890	3869.42	0.0088	P	2.7
3	☐	1000.000	978.583	184915.77	0.4262	P	0.3
4	☐	2500.000	2468.669	455710.46	1.0750	P	0.6
5	☐	5000.000	4926.664	877600.79	2.1452	P	0.2
6	☐	10000.000	10100.828	1763439.09	4.3980	A	0.7
7	☐	20000.000	19521.416	3390314.53	8.4998	A	0.4
8	☐	100000.00	100090.29	17166855.02	43.5795	A	0.3

$$y = 4.3540\text{E-}004 * x + 1.3064\text{E-}004$$

$$R = 1.0000$$

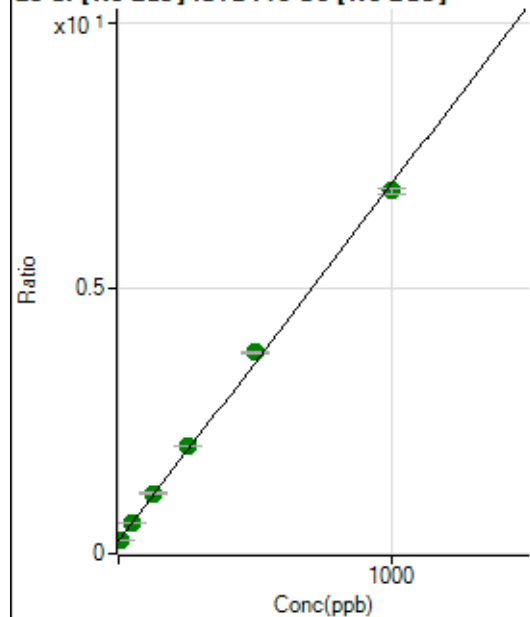
$$DL = 0.3604$$

$$BEC = 0.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1315945.54	0.2417	A	0.4
2	☐	10.000	0.346	1349335.34	0.2441	A	2.2
3	☐	50.000	51.991	3263064.71	0.5918	A	0.8
4	☐	125.000	132.993	6124049.63	1.1371	A	1.0
5	☐	250.000	266.568	10470623.87	2.0364	A	0.3
6	☐	500.000	528.210	19045179.44	3.7978	A	0.8
7	☐	1000.000	980.751	34540394.49	6.8445	A	1.3
8	☐			841351.18	0.1740	P	0.7

$$y = 0.0067 * x + 0.2417$$

$$R = 0.9991$$

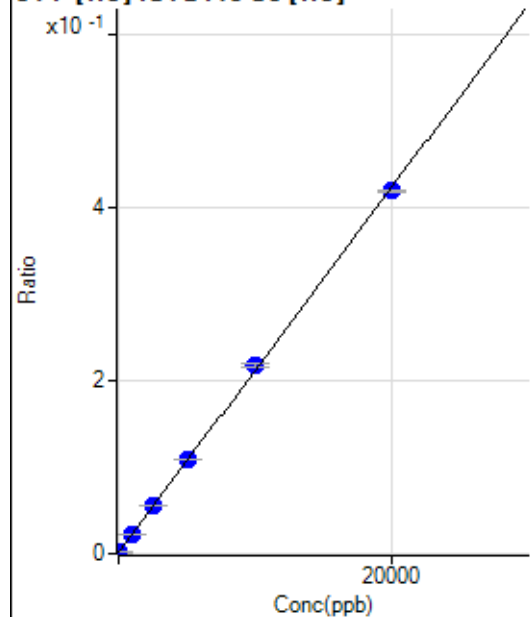
$$DL = 0.4632$$

$$BEC = 35.91$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.362	336.67	0.0008	P	5.9
2	☐	0.000	17.362	664.46	0.0015	P	5.7
3	☐	1000.000	1023.892	9857.69	0.0227	P	0.4
4	☐	2500.000	2610.874	23808.58	0.0562	P	1.3
5	☐	5000.000	5133.640	44727.31	0.1093	P	0.8
6	☐	10000.000	10262.418	87174.07	0.2174	P	1.4
7	☐	20000.000	19820.327	167062.56	0.4188	P	0.2
8	☐			337.79	0.0009	P	10.6

$$y = 2.1074E-005 * x + 0.0011$$

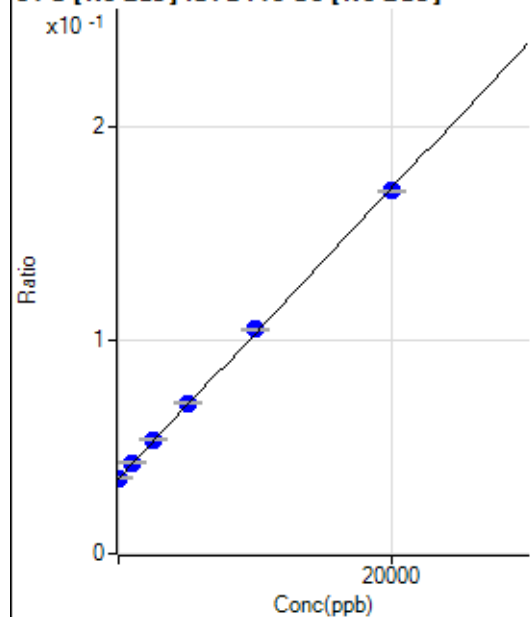
$$R = 0.9998$$

$$DL = 9.362$$

$$BEC = 54.25$$

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	-26.662	191355.36	0.0352	P	1.2
2	☐	0.000	26.662	196354.21	0.0355	P	1.9
3	☐	1000.000	1081.620	235465.30	0.0427	P	0.8
4	☐	2500.000	2665.442	288088.13	0.0535	P	1.4
5	☐	5000.000	5164.474	362580.53	0.0705	P	1.0
6	☐	10000.000	10257.300	527580.47	0.1052	P	1.2
7	☐	20000.000	19805.470	859204.80	0.1703	P	0.5
8	☐			154806.34	0.0320	P	3.1

$$y = 6.8124E-006 * x + 0.0353$$

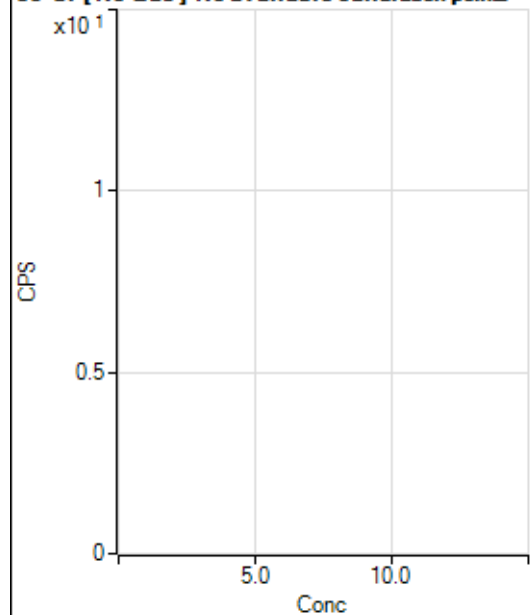
R = 0.9998

DL = 239.8

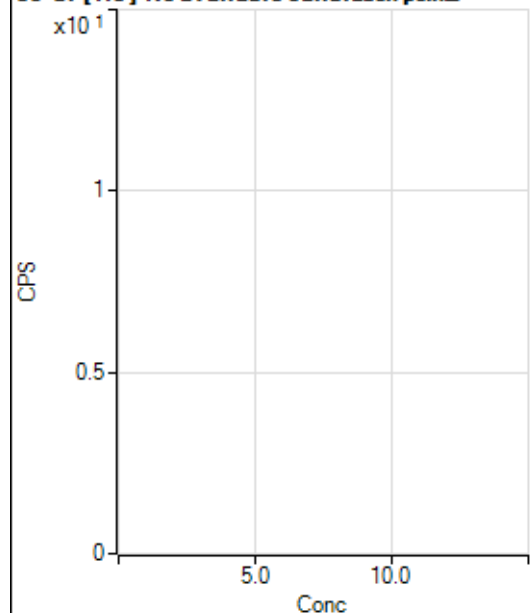
BEC = 5187

Weight: <None>

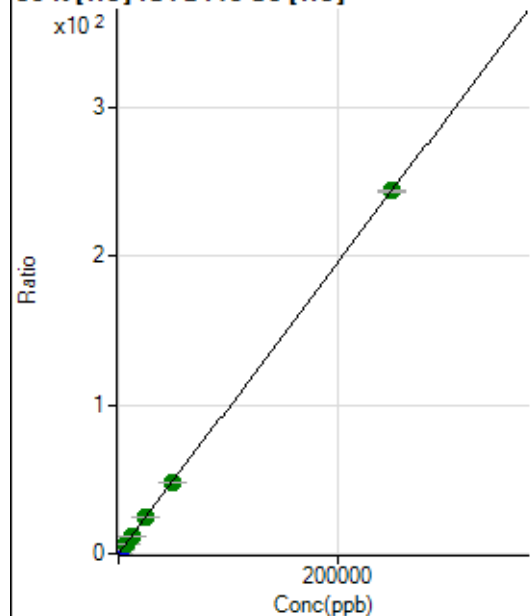
Min Conc: 0

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	45939.12	0.1061	P	1.3
2	☐	500.000	548.509	281765.87	0.6401	P	0.8
3	☐	2500.000	2607.784	1147424.93	2.6447	P	0.8
4	☐	6250.000	6282.030	2637376.71	6.2214	A	1.1
5	☐	12500.000	12379.446	4973468.95	12.1571	A	1.1
6	☐	25000.000	25114.590	9845386.52	24.5543	A	0.5
7	☐	50000.000	49204.238	19148809.71	48.0048	A	0.9
8	☐	250000.00	250151.74	95965829.68	243.6203	A	0.9

$$y = 9.7347E-004 * x + 0.1061$$

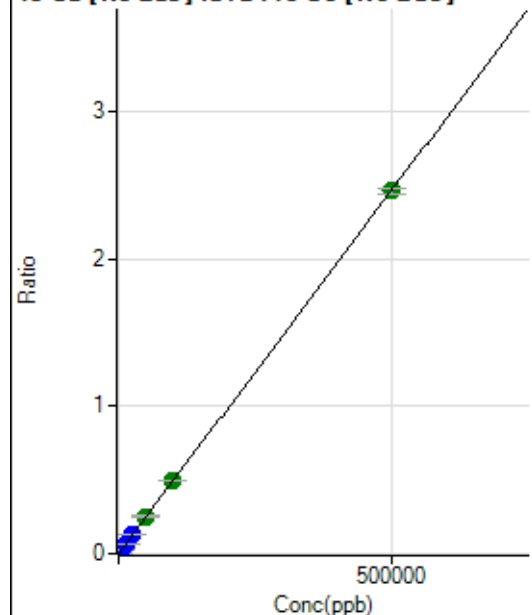
$$R = 1.0000$$

$$DL = 4.297$$

$$BEC = 109$$

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	454.46	0.0001	P	9.0
2	☐	500.000	547.549	15358.95	0.0028	P	2.0
3	☐	5000.000	5262.428	143242.94	0.0260	P	1.5
4	☐	12500.000	13227.193	350969.90	0.0652	P	1.6
5	☐	25000.000	26762.460	677554.36	0.1318	P	0.5
6	☐	50000.000	51592.271	1273232.40	0.2540	A	3.2
7	☐	100000.00	100890.42	2505792.50	0.4965	A	0.6
8	☐	500000.00	499553.71	11883784.41	2.4582	A	1.6

$$y = 4.9207\text{E-}006 * x + 8.3458\text{E-}005$$

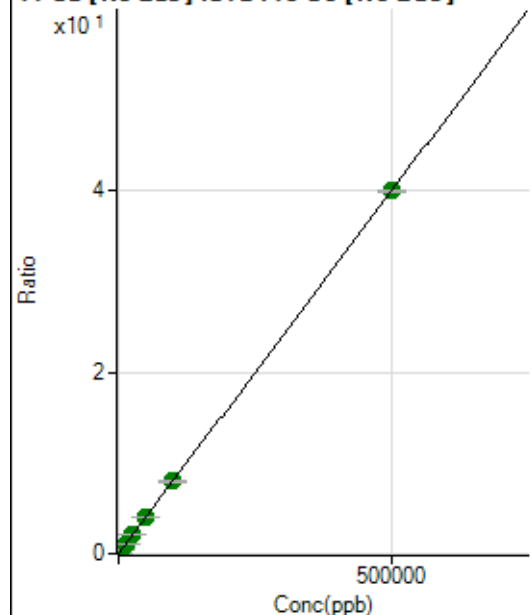
$$R = 1.0000$$

$$DL = 4.598$$

$$BEC = 16.96$$

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	7150.31	0.0013	P	1.5
2	☐	500.000	555.545	252834.71	0.0457	P	1.5
3	☐	5000.000	4993.756	2208703.42	0.4006	A	1.9
4	☐	12500.000	12500.037	5389917.67	1.0007	A	0.3
5	☐	25000.000	25401.067	10448785.65	2.0321	A	0.4
6	☐	50000.000	50714.133	20336772.73	4.0559	A	1.9
7	☐	100000.00	99473.387	40141301.35	7.9542	A	0.7
8	☐	500000.00	500013.86	193277244.5	39.9774	A	0.6

$$y = 7.9950\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

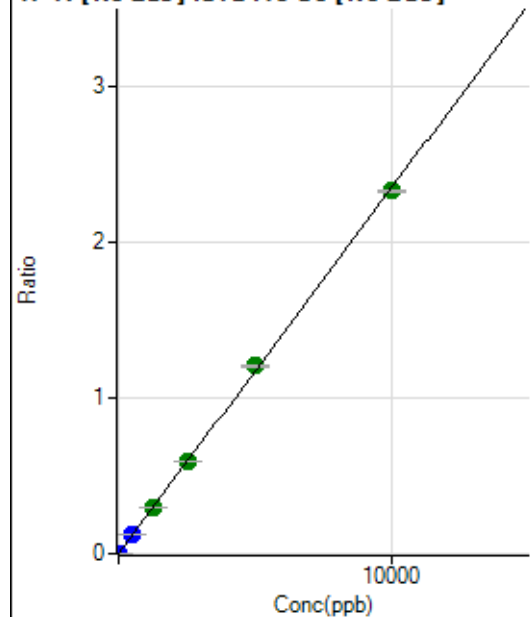
$$DL = 0.7457$$

$$BEC = 16.43$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.33	0.0000	P	8.1
2	☐	5.000	5.330	7026.14	0.0013	P	2.0
3	☐	500.000	504.020	652835.25	0.1184	P	1.2
4	☐	1250.000	1264.483	1599654.32	0.2970	A	0.4
5	☐	2500.000	2526.061	3050634.82	0.5933	A	0.4
6	☐	5000.000	5144.480	6058822.20	1.2083	A	1.2
7	☐	10000.000	9919.233	11756828.16	2.3297	A	0.3
8	☐			2683.61	0.0006	P	20.1

$$y = 2.3486E-004 * x + 1.8977E-005$$

$$R = 0.9998$$

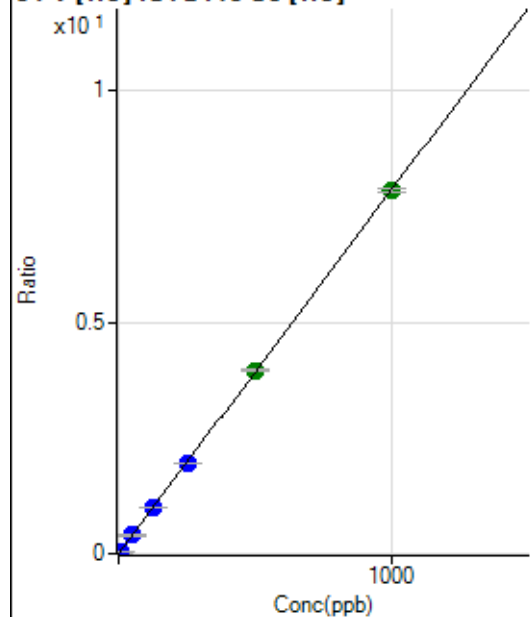
$$DL = 0.01963$$

$$BEC = 0.0808$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.5
2	☐	5.000	5.212	18036.45	0.0410	P	1.1
3	☐	50.000	50.400	171802.05	0.3960	P	1.1
4	☐	125.000	126.093	419971.43	0.9907	P	1.0
5	☐	250.000	250.495	805114.83	1.9680	P	0.0
6	☐	500.000	504.764	1590102.06	3.9657	A	0.5
7	☐	1000.000	997.337	3125442.49	7.8356	A	0.9
8	☐			974.49	0.0025	P	9.3

$$y = 0.0079 * x + 2.0526E-005$$

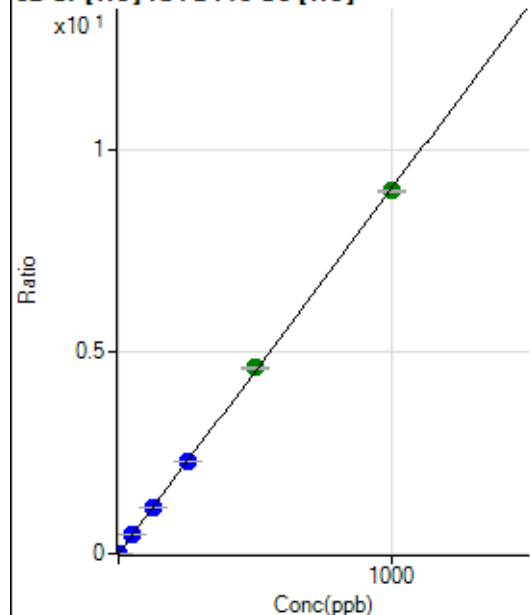
$$R = 1.0000$$

$$DL = 0.001683$$

$$BEC = 0.002613$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	975.60	0.0023	P	4.3
2	☐	2.000	2.088	9281.84	0.0211	P	4.1
3	☐	50.000	51.167	201193.35	0.4637	P	0.3
4	☐	125.000	127.469	488311.79	1.1519	P	0.6
5	☐	250.000	253.433	935999.61	2.2880	P	0.2
6	☐	500.000	508.779	1840815.21	4.5909	A	0.5
7	☐	1000.000	994.385	3578220.96	8.9706	A	0.4
8	☐			5655.56	0.0144	P	3.6

$$y = 0.0090 * x + 0.0023$$

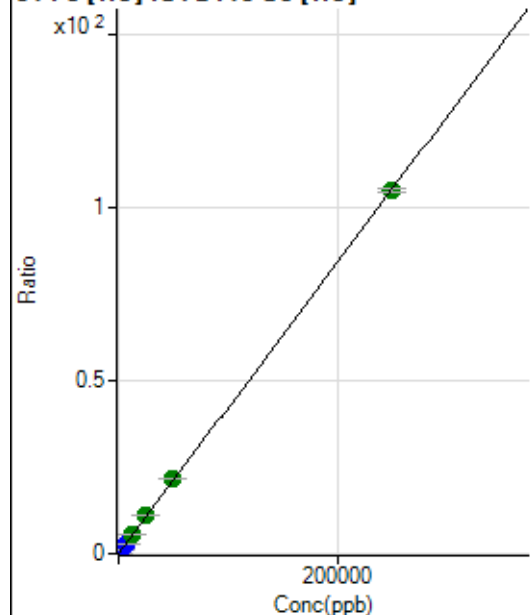
$$R = 0.9999$$

$$DL = 0.03225$$

$$BEC = 0.2498$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2090.17	0.0048	P	1.4
2	☐	50.000	59.289	13083.55	0.0297	P	0.6
3	☐	2500.000	2742.377	501663.42	1.1563	P	0.6
4	☐	6250.000	6875.295	1225820.66	2.8915	P	0.4
5	☐	12500.000	13265.142	2280509.79	5.5744	A	0.5
6	☐	25000.000	26427.902	4451136.11	11.1010	A	0.4
7	☐	50000.000	51920.760	8697277.09	21.8046	A	0.3
8	☐	250000.00	249416.74	41252736.60	104.7264	A	1.0

$$y = 4.1987E-004 * x + 0.0048$$

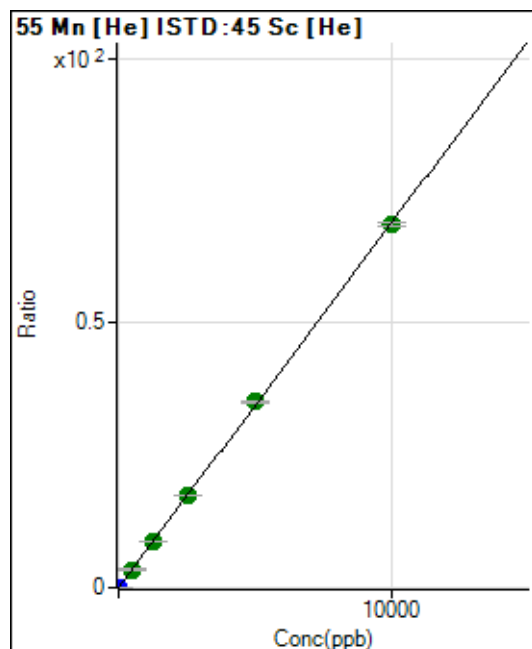
$$R = 1.0000$$

$$DL = 0.4991$$

$$BEC = 11.5$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.78	0.0005	P	18.9
2	☐	1.000	1.077	3470.43	0.0079	P	1.0
3	☐	500.000	498.484	1491258.96	3.4372	A	1.4
4	☐	1250.000	1246.892	3644487.79	8.5971	A	0.6
5	☐	2500.000	2524.761	7121369.89	17.4073	A	0.4
6	☐	5000.000	5096.986	14090435.76	35.1415	A	0.4
7	☐	10000.000	9945.781	27349770.98	68.5713	A	1.2
8	☐			15283.40	0.0388	P	2.7

$$y = 0.0069 * x + 4.5648E-004$$

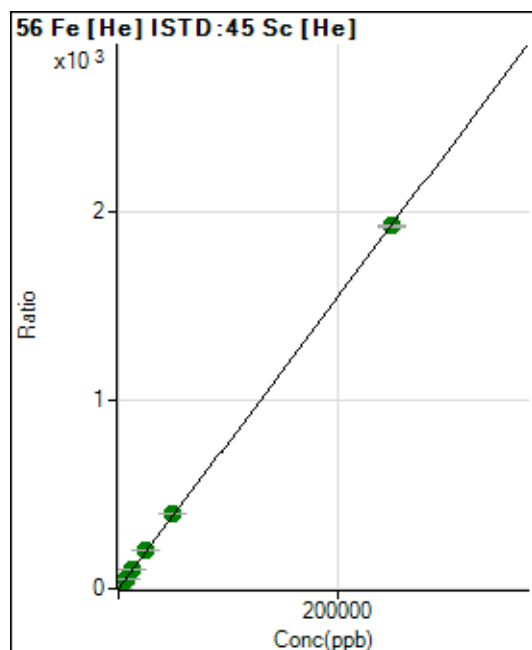
$$R = 0.9999$$

$$DL = 0.03748$$

$$BEC = 0.06621$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14659.44	0.0339	P	1.7
2	☐	50.000	58.186	212937.23	0.4837	P	0.8
3	☐	2500.000	2628.904	8832997.23	20.3587	A	0.6
4	☐	6250.000	6554.820	21498262.74	50.7111	A	0.2
5	☐	12500.000	13126.171	41529541.60	101.5161	A	0.6
6	☐	25000.000	26414.163	81896654.89	204.2494	A	0.6
7	☐	50000.000	51264.500	158100135.4	396.3746	A	0.7
8	☐	250000.00	249565.46	760062468.6	1,929.497	A	0.7

$$y = 0.0077 * x + 0.0339$$

$$R = 1.0000$$

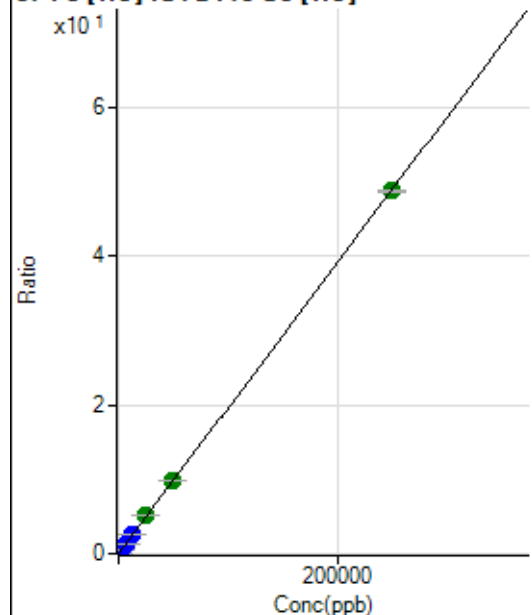
$$DL = 0.2247$$

$$BEC = 4.379$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1071.16	0.0025	P	6.4
2	☐	50.000	60.518	6282.49	0.0143	P	3.7
3	☐	2500.000	2689.712	228609.93	0.5269	P	0.6
4	☐	6250.000	6743.288	558434.81	1.3173	P	0.1
5	☐	12500.000	13377.595	1068089.61	2.6108	P	0.4
6	☐	25000.000	26211.498	2050176.20	5.1132	A	1.2
7	☐	50000.000	50602.308	3936529.08	9.8689	A	0.5
8	☐	250000.00	249700.27	19179163.74	48.6889	A	0.6

$$y = 1.9498\text{E-}004 * x + 0.0025$$

$$R = 1.0000$$

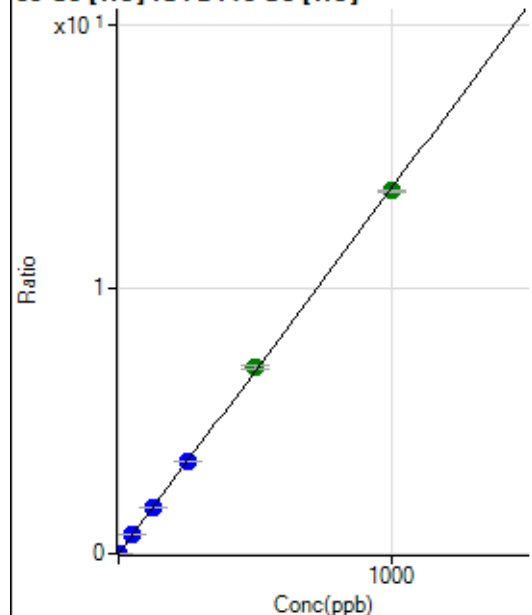
$$DL = 2.429$$

$$BEC = 12.69$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0002	P	8.9
2	☐	1.000	1.085	6678.22	0.0152	P	4.9
3	☐	50.000	51.405	308096.33	0.7101	P	0.8
4	☐	125.000	128.001	749484.27	1.7680	P	0.7
5	☐	250.000	251.984	1423767.32	3.4803	P	0.4
6	☐	500.000	511.860	2834491.10	7.0694	A	1.5
7	☐	1000.000	993.129	5471005.54	13.7161	A	0.5
8	☐			14221.28	0.0361	P	1.2

$$y = 0.0138 * x + 1.7962\text{E-}004$$

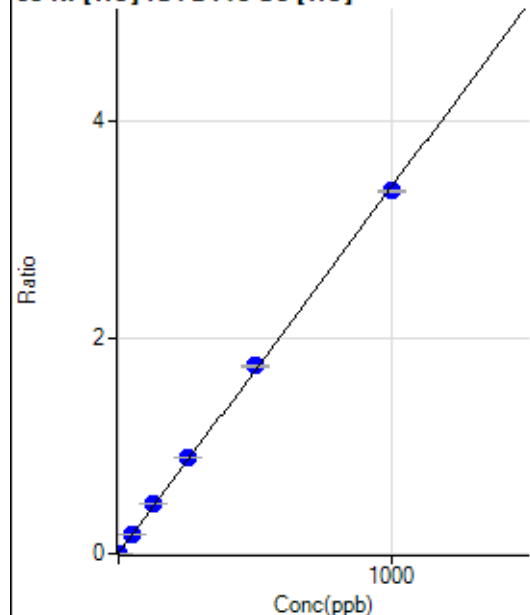
$$R = 0.9999$$

$$DL = 0.003486$$

$$BEC = 0.01301$$

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	1251.17	0.0029	P	7.9
2	☐	1.000	1.075	2875.86	0.0065	P	0.9
3	☐	50.000	53.085	79348.25	0.1829	P	1.2
4	☐	125.000	134.127	194018.36	0.4577	P	1.1
5	☐	250.000	260.928	363137.54	0.8876	P	0.3
6	☐	500.000	512.935	698547.02	1.7422	P	1.1
7	☐	1000.000	989.505	1339471.94	3.3581	P	0.2
8	☐			4670.76	0.0119	P	0.5

$$y = 0.0034 * x + 0.0029$$

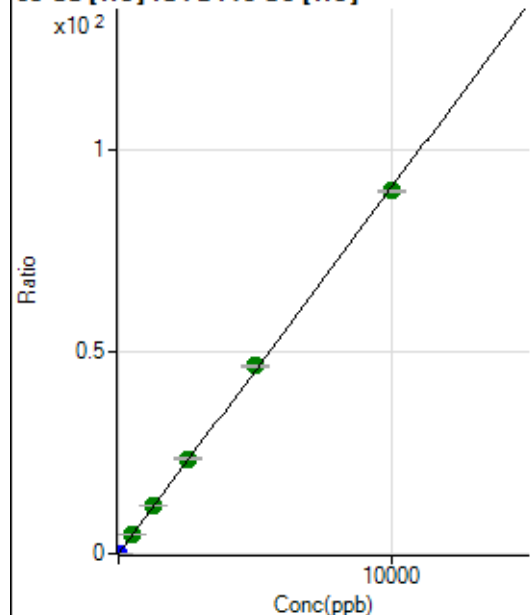
$$R = 0.9998$$

$$DL = 0.2018$$

$$BEC = 0.8519$$

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	1212.29	0.0028	P	2.5
2	☐	2.000	2.186	9971.19	0.0227	P	0.8
3	☐	500.000	526.269	2074850.07	4.7823	A	0.1
4	☐	1250.000	1321.722	5089771.03	12.0064	A	1.6
5	☐	2500.000	2591.623	9630070.41	23.5393	A	0.7
6	☐	5000.000	5119.872	18644730.97	46.5004	A	1.0
7	☐	10000.000	9906.880	35888321.97	89.9749	A	0.5
8	☐			7355.21	0.0187	P	2.5

$$y = 0.0091 * x + 0.0028$$

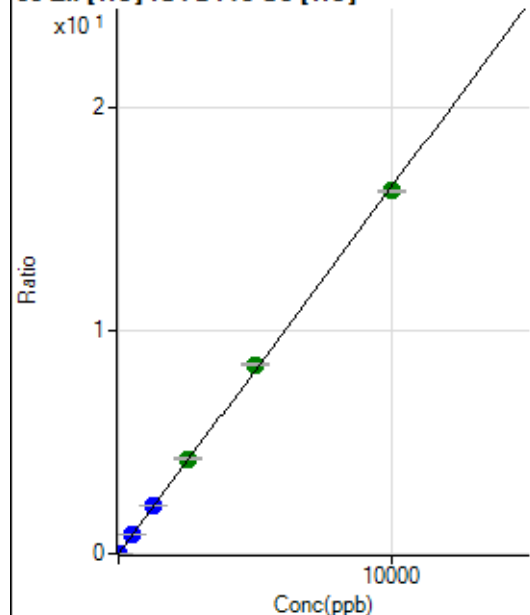
$$R = 0.9998$$

$$DL = 0.02291$$

$$BEC = 0.3083$$

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	234.45	0.0005	P	9.0
2	☐	5.000	5.388	4143.94	0.0094	P	5.6
3	☐	500.000	519.545	371485.36	0.8562	P	0.8
4	☐	1250.000	1295.642	904826.76	2.1345	P	1.0
5	☐	2500.000	2592.818	1747244.47	4.2709	A	1.1
6	☐	5000.000	5153.938	3403788.35	8.4891	A	0.7
7	☐	10000.000	9893.144	6499292.61	16.2946	A	0.7
8	☐			2476.90	0.0063	P	7.7

$$y = 0.0016 * x + 5.4154E-004$$

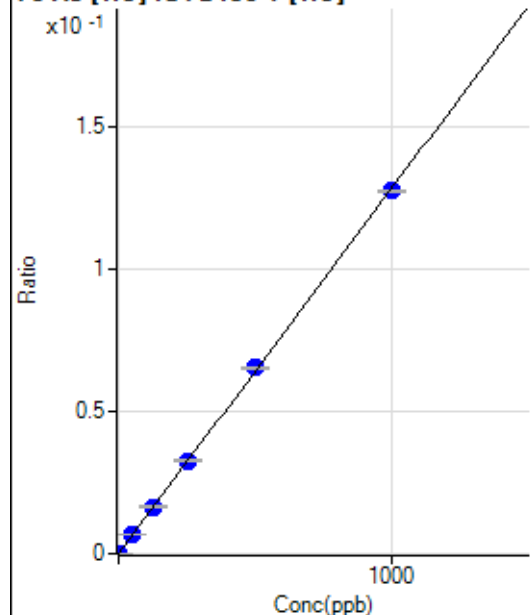
$$R = 0.9998$$

$$DL = 0.08879$$

$$BEC = 0.3288$$

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	21.11	0.0000	P	52.9
2	☐	1.000	1.165	632.24	0.0002	P	12.4
3	☐	50.000	50.702	26079.62	0.0065	P	1.1
4	☐	125.000	128.479	63680.20	0.0164	P	1.1
5	☐	250.000	253.998	122128.42	0.0325	P	1.1
6	☐	500.000	509.447	241059.28	0.0652	P	0.6
7	☐	1000.000	993.807	469215.80	0.1272	P	0.5
8	☐			291.12	0.0001	P	15.9

$$y = 1.2799E-004 * x + 5.3020E-006$$

$$R = 0.9999$$

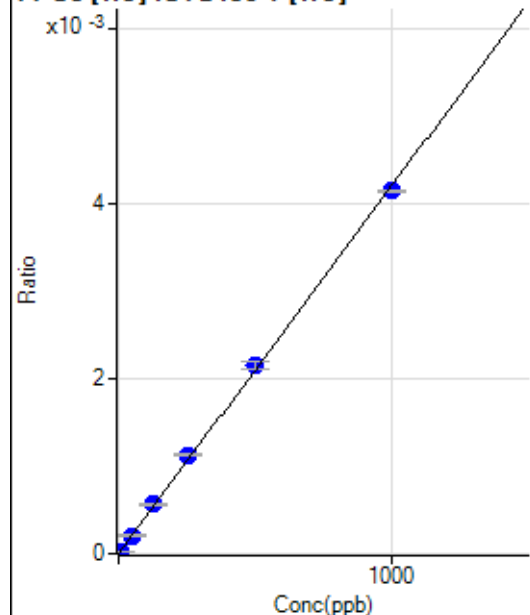
$$DL = 0.0657$$

$$BEC = 0.04142$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	4.645	80.00	0.0000	P	38.8
3	☐	50.000	48.111	810.03	0.0002	P	7.9
4	☐	125.000	134.269	2181.29	0.0006	P	1.8
5	☐	250.000	268.095	4225.09	0.0011	P	2.6
6	☐	500.000	514.567	7981.10	0.0022	P	3.9
7	☐	1000.000	987.130	15280.19	0.0041	P	0.4
8	☐			5.56	0.0000	P	34.7

$$y = 4.1965\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

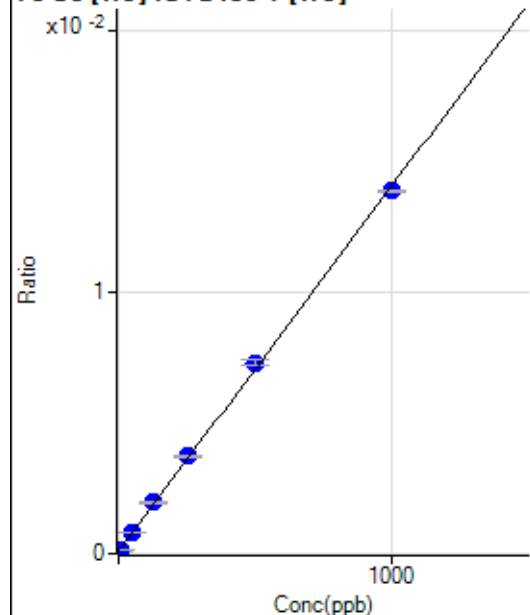
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	357.79	0.0001	P	14.8
2	☐	5.000	6.134	716.69	0.0002	P	0.6
3	☐	50.000	52.009	3275.95	0.0008	P	6.7
4	☐	125.000	133.342	7560.88	0.0020	P	1.5
5	☐	250.000	260.610	14021.18	0.0037	P	2.5
6	☐	500.000	517.424	27063.66	0.0073	P	3.1
7	☐	1000.000	987.487	51245.00	0.0139	P	0.7
8	☐			340.01	0.0001	P	18.5

$$y = 1.3978\text{E-}005 * x + 8.9255\text{E-}005$$

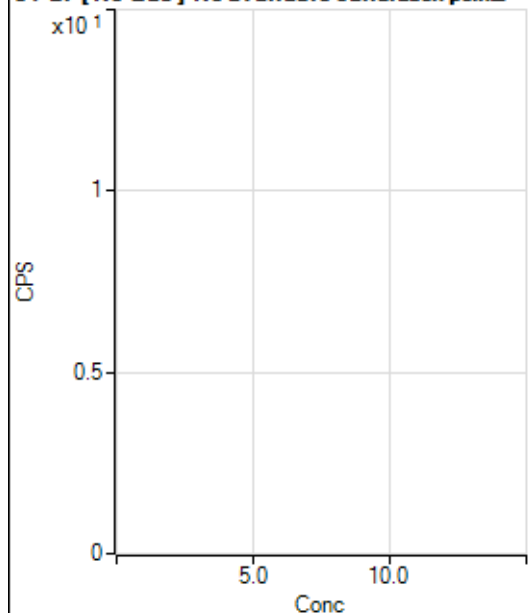
$$R = 0.9997$$

$$DL = 2.832$$

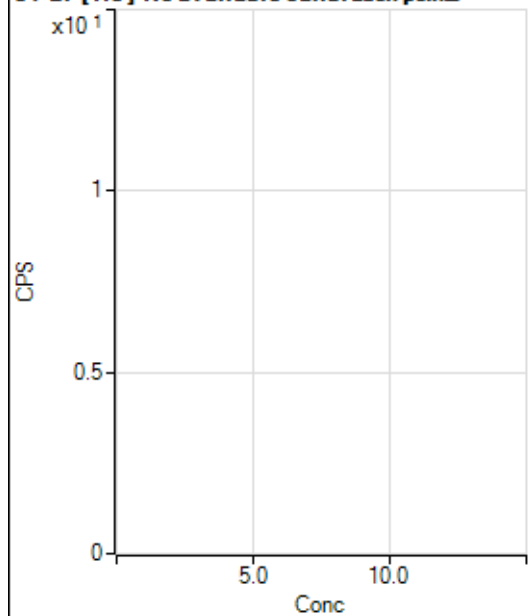
$$BEC = 6.385$$

Weight: <None>

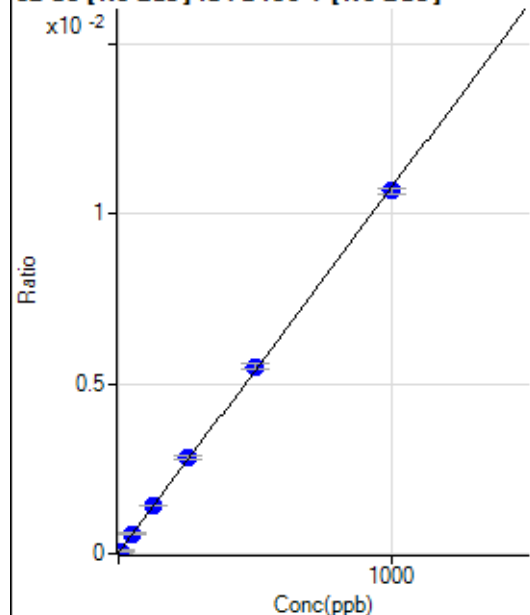
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16508.20		P	1.9
2	☐			17115.57		P	2.1
3	☐			17036.59		P	0.9
4	☐			16373.61		P	1.6
5	☐			15611.68		P	2.5
6	☐			14697.41		P	0.6
7	☐			14290.36		P	0.5
8	☐			14393.79		P	1.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.56		P	5.5
2	☐			100.00		P	6.7
3	☐			77.78		P	5.0
4	☐			82.22		P	27.6
5	☐			61.11		P	30.0
6	☐			71.11		P	11.8
7	☐			83.33		P	4.0
8	☐			102.22		P	6.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	352.60	0.0000	P	9.4
2	☐	5.000	5.356	1177.72	0.0001	P	7.6
3	☐	50.000	52.672	8428.37	0.0006	P	1.7
4	☐	125.000	129.196	19998.69	0.0014	P	0.7
5	☐	250.000	260.895	38854.87	0.0028	P	2.3
6	☐	500.000	511.026	74748.78	0.0055	P	2.1
7	☐	1000.000	991.103	145070.76	0.0107	P	1.5
8	☐			521.33	0.0000	P	5.9

$$y = 1.0733E-005 * x + 2.4719E-005$$

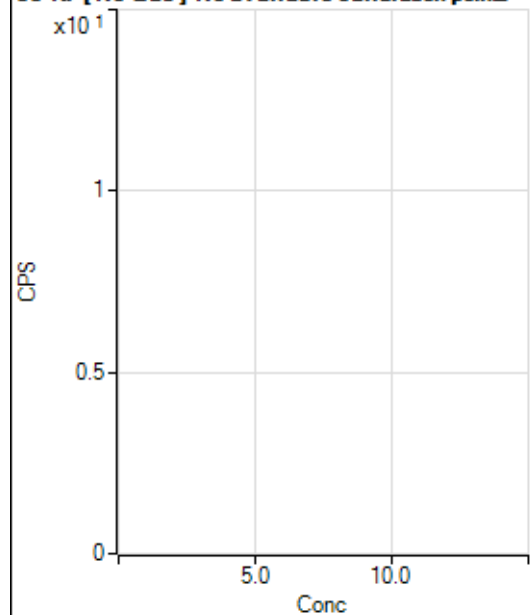
R = 0.9998

DL = 0.6523

BEC = 2.303

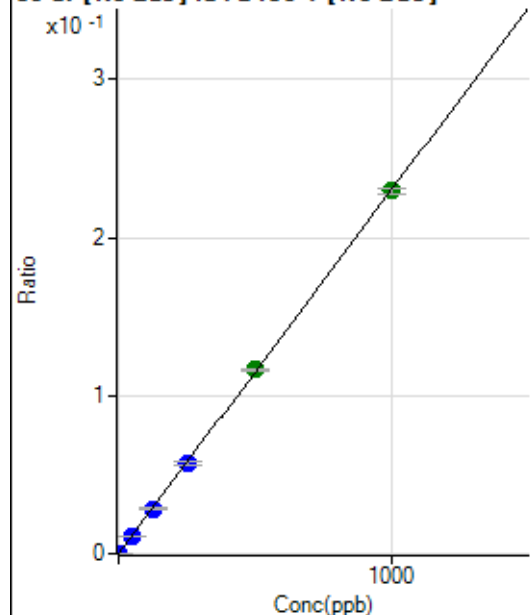
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			228.89		P	17.4
2	☐			198.89		P	14.0
3	☐			206.67		P	15.4
4	☐			197.78		P	7.0
5	☐			174.45		P	11.5
6	☐			184.45		P	16.3
7	☐			191.12		P	11.9
8	☐			206.67		P	9.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	374.45	0.0000	P	4.7
2	☐	1.000	0.986	3627.15	0.0003	P	2.1
3	☐	50.000	49.366	162579.60	0.0114	P	1.3
4	☐	125.000	123.905	404201.45	0.0285	P	1.1
5	☐	250.000	248.374	786122.04	0.0572	P	2.7
6	☐	500.000	506.577	1581490.03	0.1166	A	0.9
7	☐	1000.000	997.287	3121497.52	0.2294	A	1.7
8	☐			9840.03	0.0008	P	3.0

$$y = 2.3002\text{E-}004 * x + 2.6280\text{E-}005$$

$$R = 1.0000$$

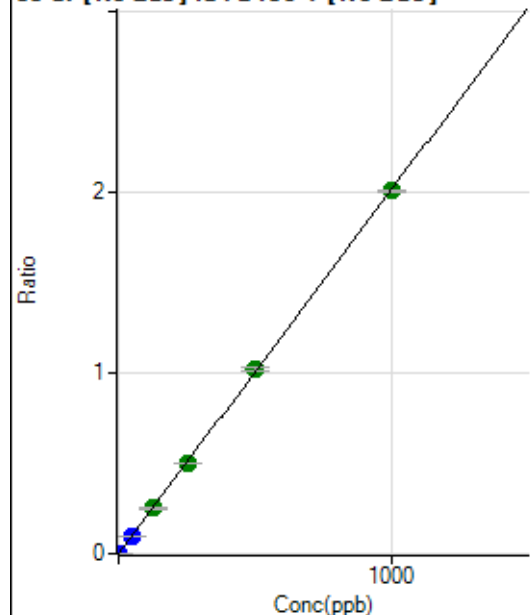
$$DL = 0.01621$$

$$BEC = 0.1142$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.44	0.0000	P	9.8
2	☐	1.000	1.005	29099.89	0.0020	P	1.7
3	☐	50.000	49.429	1421161.21	0.0995	P	1.2
4	☐	125.000	124.138	3540235.12	0.2499	A	1.0
5	☐	250.000	249.314	6902923.65	0.5018	A	1.2
6	☐	500.000	507.588	13860125.62	1.0216	A	2.4
7	☐	1000.000	996.514	27290475.15	2.0057	A	0.6
8	☐			84236.18	0.0066	P	2.7

$$y = 0.0020 * x + 6.6214\text{E-}006$$

$$R = 1.0000$$

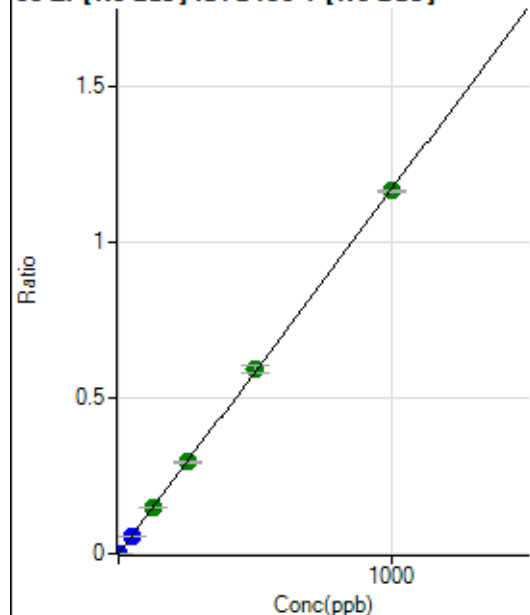
$$DL = 0.0009695$$

$$BEC = 0.00329$$

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	501.12	0.0000	P	3.0
2	☐	1.000	1.025	17711.87	0.0012	P	2.2
3	☐	50.000	49.554	829391.12	0.0581	P	1.5
4	☐	125.000	126.351	2097002.80	0.1480	A	0.6
5	☐	250.000	252.123	4061757.71	0.2953	A	1.7
6	☐	500.000	506.608	8047612.03	0.5933	A	3.6
7	☐	1000.000	996.019	15871264.07	1.1664	A	0.3
8	☐			11182.14	0.0009	P	10.1

$$y = 0.0012 * x + 3.5151E-005$$

$$R = 1.0000$$

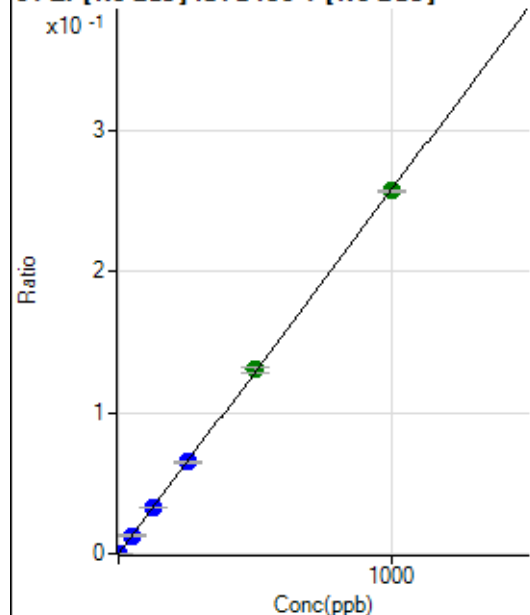
$$DL = 0.002733$$

$$BEC = 0.03002$$

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	91.11	0.0000	P	19.5
2	☐	1.000	1.015	3842.76	0.0003	P	5.5
3	☐	50.000	49.755	183377.33	0.0128	P	1.8
4	☐	125.000	124.856	456343.05	0.0322	P	0.8
5	☐	250.000	251.107	890802.48	0.0648	P	2.4
6	☐	500.000	505.534	1768752.32	0.1304	A	2.9
7	☐	1000.000	996.987	3498597.69	0.2571	A	0.8
8	☐			2413.56	0.0002	P	11.3

$$y = 2.5790E-004 * x + 6.4022E-006$$

$$R = 1.0000$$

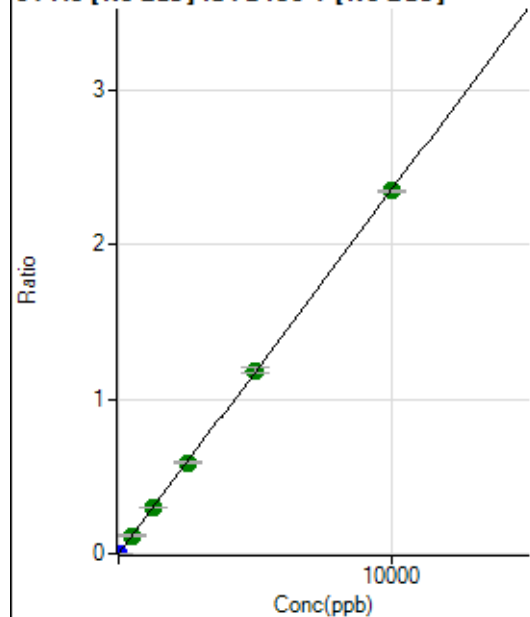
$$DL = 0.01455$$

$$BEC = 0.02482$$

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	248.89	0.0000	P	18.5
2	☐	5.000	6.065	20729.16	0.0014	P	4.2
3	☐	500.000	501.461	1687922.20	0.1182	A	1.4
4	☐	1250.000	1256.510	4195131.88	0.2961	A	0.4
5	☐	2500.000	2510.463	8136169.88	0.5915	A	2.0
6	☐	5000.000	5041.125	16112576.98	1.1877	A	3.3
7	☐	10000.000	9975.934	31981447.30	2.3504	A	0.7
8	☐			11811.64	0.0009	P	19.3

$$y = 2.3561E-004 * x + 1.7453E-005$$

$$R = 1.0000$$

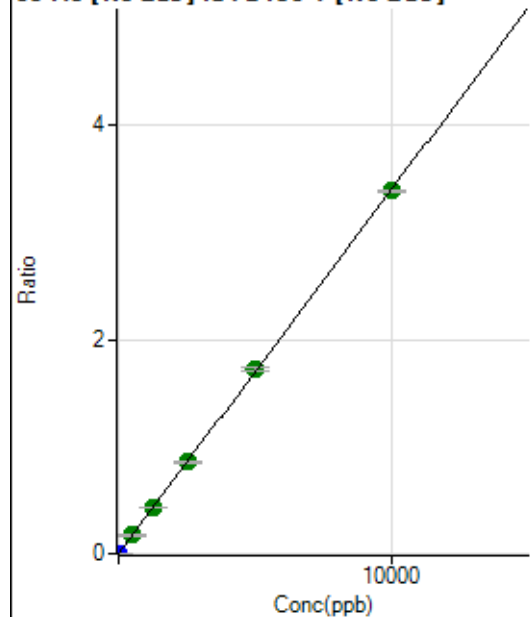
$$DL = 0.04114$$

$$BEC = 0.07408$$

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	142.22	0.0000	P	9.6
2	☐	5.000	5.196	25461.08	0.0018	P	3.1
3	☐	500.000	503.219	2443847.33	0.1711	A	0.8
4	☐	1250.000	1254.496	6043156.72	0.4265	A	0.2
5	☐	2500.000	2512.464	11748930.80	0.8541	A	1.8
6	☐	5000.000	5065.415	23360579.10	1.7220	A	2.8
7	☐	10000.000	9963.454	46087125.98	3.3871	A	0.5
8	☐			13389.71	0.0010	P	19.4

$$y = 3.3995E-004 * x + 9.9683E-006$$

$$R = 1.0000$$

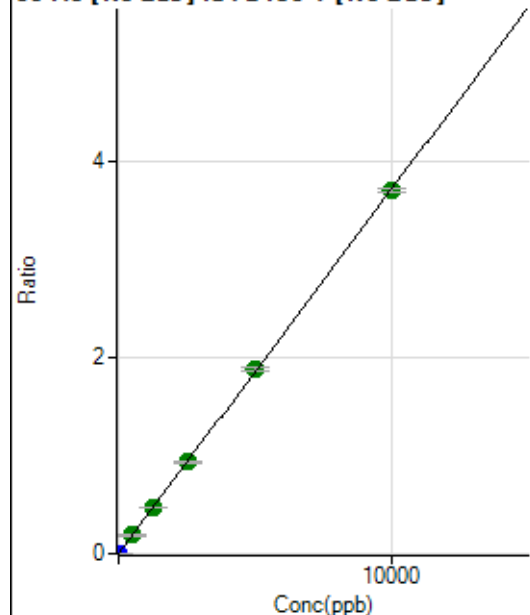
$$DL = 0.008465$$

$$BEC = 0.02932$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	193.34	0.0000	P	13.1
2	☐	5.000	5.231	28058.04	0.0020	P	0.8
3	☐	500.000	502.839	2668432.53	0.1868	A	2.4
4	☐	1250.000	1256.721	6615239.49	0.4669	A	1.5
5	☐	2500.000	2528.010	12918049.11	0.9392	A	2.1
6	☐	5000.000	5068.452	25546306.56	1.8829	A	2.3
7	☐	10000.000	9957.789	50335100.91	3.6993	A	1.1
8	☐			22684.71	0.0018	P	15.5

$$y = 3.7150\text{E-}004 * x + 1.3564\text{E-}005$$

$$R = 1.0000$$

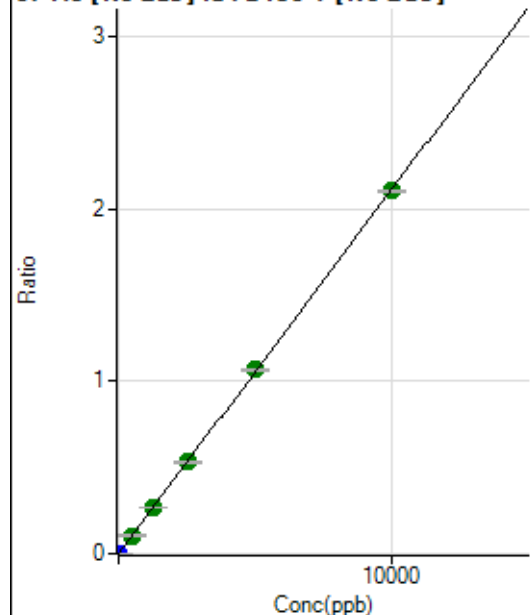
$$DL = 0.01436$$

$$BEC = 0.03651$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	104.45	0.0000	P	13.0
2	☐	5.000	5.225	15926.53	0.0011	P	2.0
3	☐	500.000	501.071	1511976.23	0.1058	A	0.9
4	☐	1250.000	1256.387	3760032.89	0.2654	A	1.3
5	☐	2500.000	2529.598	7349441.21	0.5343	A	2.0
6	☐	5000.000	5047.945	14466329.92	1.0662	A	1.7
7	☐	10000.000	9967.776	28646975.68	2.1054	A	0.6
8	☐			8195.80	0.0006	P	22.1

$$y = 2.1122\text{E-}004 * x + 7.3273\text{E-}006$$

$$R = 1.0000$$

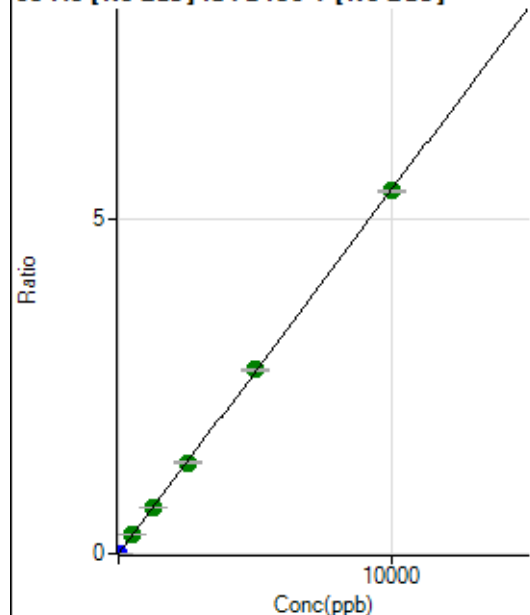
$$DL = 0.01348$$

$$BEC = 0.03469$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.89	0.0000	P	11.7
2	☐	5.000	5.165	40374.50	0.0028	P	2.4
3	☐	500.000	503.196	3898791.12	0.2729	A	0.2
4	☐	1250.000	1247.943	9590159.16	0.6768	A	0.9
5	☐	2500.000	2509.177	18718632.50	1.3609	A	1.9
6	☐	5000.000	5053.638	37187310.28	2.7408	A	1.7
7	☐	10000.000	9970.984	73582537.24	5.4077	A	0.4
8	☐			19807.44	0.0015	P	23.6

$$y = 5.4234\text{E-}004 * x + 1.5372\text{E-}005$$

$$R = 1.0000$$

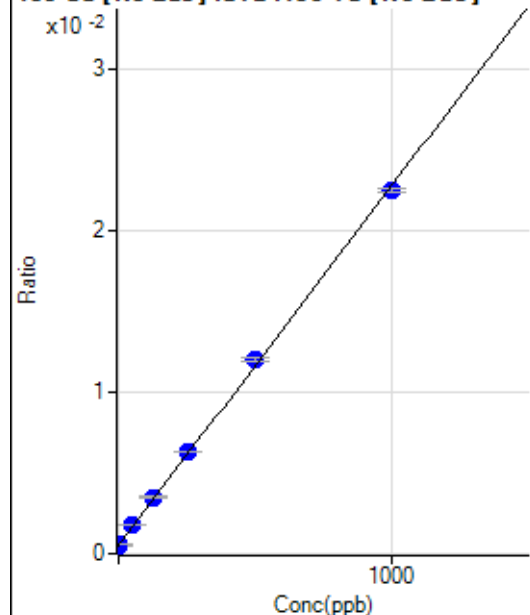
$$DL = 0.00992$$

$$BEC = 0.02834$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5603.35	0.0005	P	2.4
2	☐	1.000	2.727	6245.84	0.0006	P	1.5
3	☐	50.000	55.235	19218.34	0.0017	P	1.6
4	☐	125.000	134.275	38928.79	0.0035	P	1.2
5	☐	250.000	261.002	69904.65	0.0063	P	1.3
6	☐	500.000	519.633	132913.85	0.0121	P	2.0
7	☐	1000.000	986.010	248255.23	0.0224	P	1.0
8	☐			5074.27	0.0005	P	2.0

$$y = 2.2220\text{E-}005 * x + 5.1839\text{E-}004$$

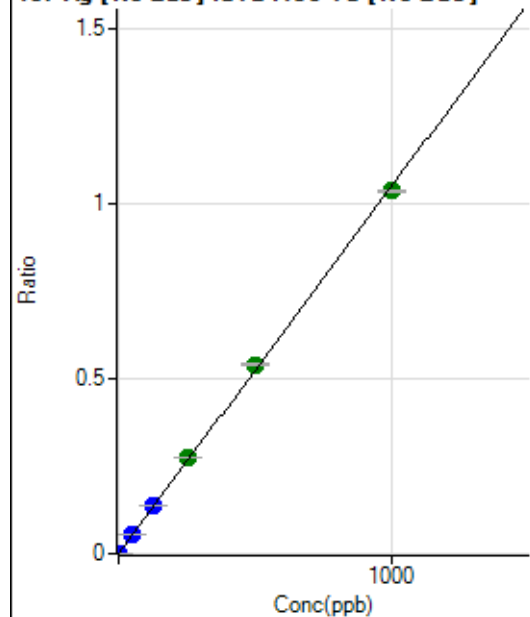
$$R = 0.9996$$

$$DL = 1.705$$

$$BEC = 23.33$$

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	87.78	0.0000	P	7.9
2	☐	1.000	1.099	12519.91	0.0012	P	2.5
3	☐	50.000	53.928	622595.36	0.0566	P	2.3
4	☐	125.000	131.808	1536285.92	0.1382	P	0.5
5	☐	250.000	263.778	3060582.84	0.2766	A	0.3
6	☐	500.000	515.148	5951274.84	0.5401	A	1.0
7	☐	1000.000	987.934	11466522.05	1.0359	A	0.8
8	☐			2736.96	0.0003	P	21.8

$$y = 0.0010 * x + 8.1161E-006$$

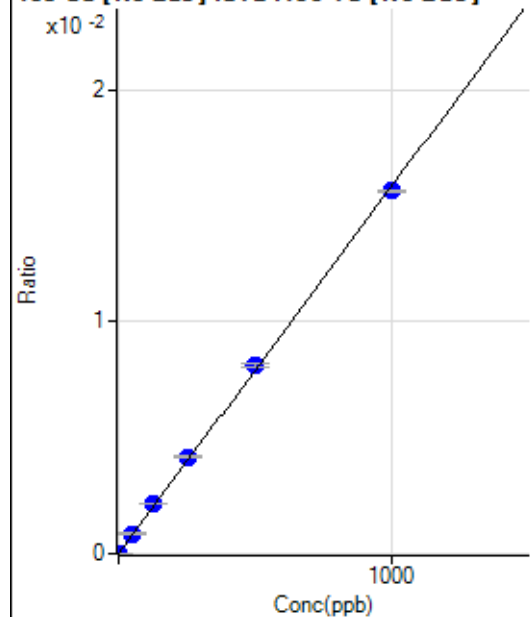
$$R = 0.9997$$

$$DL = 0.001843$$

$$BEC = 0.007741$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	52.8
2	☐	1.000	1.257	231.11	0.0000	P	2.8
3	☐	50.000	54.267	9465.38	0.0009	P	2.9
4	☐	125.000	134.768	23708.36	0.0021	P	1.3
5	☐	250.000	263.363	46106.37	0.0042	P	1.0
6	☐	500.000	514.041	89584.23	0.0081	P	2.1
7	☐	1000.000	988.204	173028.45	0.0156	P	0.5
8	☐			118.89	0.0000	P	20.0

$$y = 1.5816E-005 * x + 1.5418E-006$$

$$R = 0.9997$$

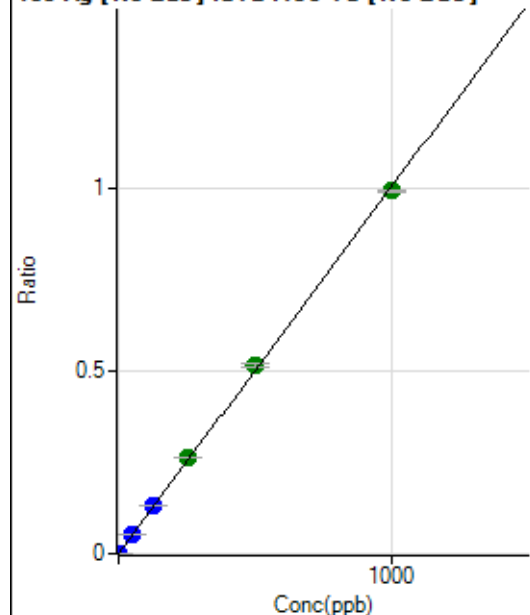
$$DL = 0.1543$$

$$BEC = 0.09748$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	41.0
2	☐	1.000	1.091	11869.38	0.0011	P	3.1
3	☐	50.000	53.423	590587.49	0.0536	P	1.9
4	☐	125.000	131.002	1462140.69	0.1315	P	0.5
5	☐	250.000	263.115	2923554.44	0.2642	A	0.4
6	☐	500.000	513.877	5684663.46	0.5160	A	1.9
7	☐	1000.000	988.861	10991367.89	0.9929	A	0.3
8	☐			2495.81	0.0002	P	21.4

$$y = 0.0010 * x + 5.1514E-006$$

$$R = 0.9998$$

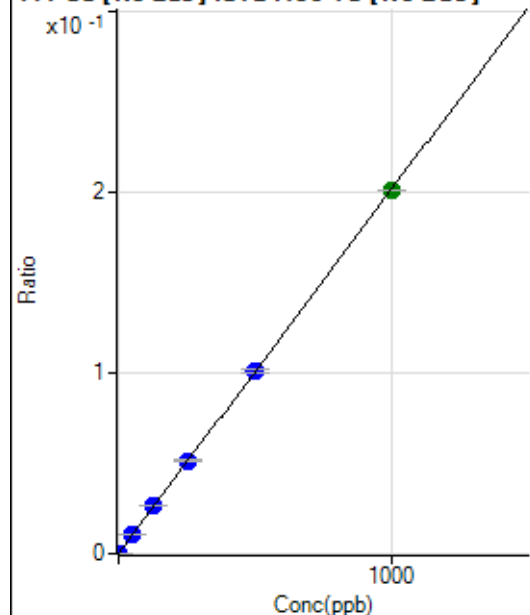
$$DL = 0.006306$$

$$BEC = 0.00513$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1124.56	0.0001	P	2.8
2	☐	1.000	1.198	3730.99	0.0003	P	3.5
3	☐	50.000	53.217	119352.14	0.0108	P	1.5
4	☐	125.000	131.258	295514.05	0.0266	P	1.0
5	☐	250.000	255.519	571588.98	0.0517	P	1.2
6	☐	500.000	503.698	1120745.22	0.1017	P	2.1
7	☐	1000.000	995.828	2225295.92	0.2010	A	0.1
8	☐			1594.99	0.0002	P	10.7

$$y = 2.0176E-004 * x + 1.0404E-004$$

$$R = 1.0000$$

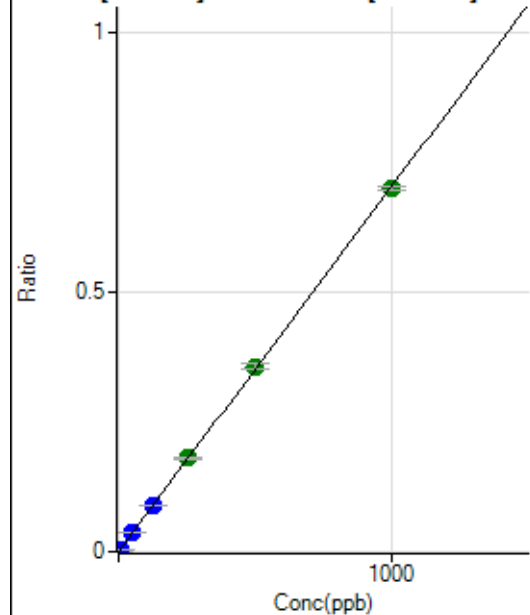
$$DL = 0.04299$$

$$BEC = 0.5157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3413.77	0.0003	P	0.7
2	☐	5.000	5.375	44208.80	0.0041	P	1.5
3	☐	50.000	51.255	400651.09	0.0364	P	1.3
4	☐	125.000	126.451	992809.89	0.0893	P	1.1
5	☐	250.000	256.161	1998458.10	0.1806	A	1.5
6	☐	500.000	508.213	3944226.89	0.3580	A	2.7
7	☐	1000.000	994.107	7748996.13	0.7000	A	1.2
8	☐			3477.12	0.0003	P	12.0

$$y = 7.0386\text{E-}004 * x + 3.1577\text{E-}004$$

$$R = 0.9999$$

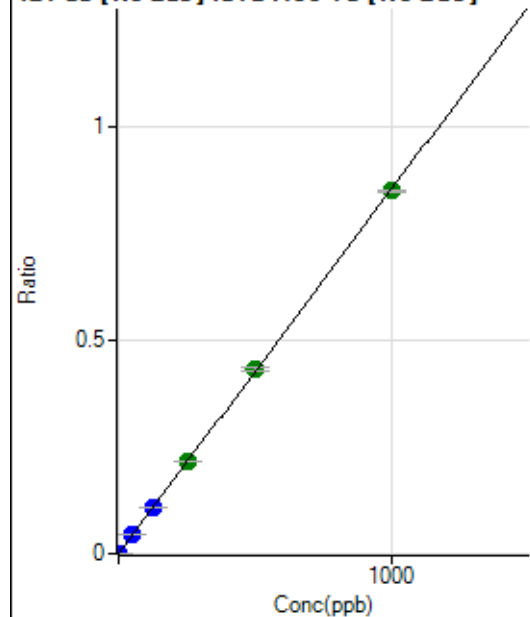
$$DL = 0.009178$$

$$BEC = 0.4486$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	59.2
2	☐	2.000	2.106	19456.62	0.0018	P	1.7
3	☐	50.000	50.471	474760.41	0.0431	P	1.2
4	☐	125.000	124.906	1186136.31	0.1067	P	0.8
5	☐	250.000	252.963	2391463.21	0.2161	A	0.3
6	☐	500.000	507.980	4781171.70	0.4340	A	2.1
7	☐	1000.000	995.257	9412207.08	0.8503	A	0.3
8	☐			4336.26	0.0004	P	9.7

$$y = 8.5431\text{E-}004 * x + 4.6430\text{E-}006$$

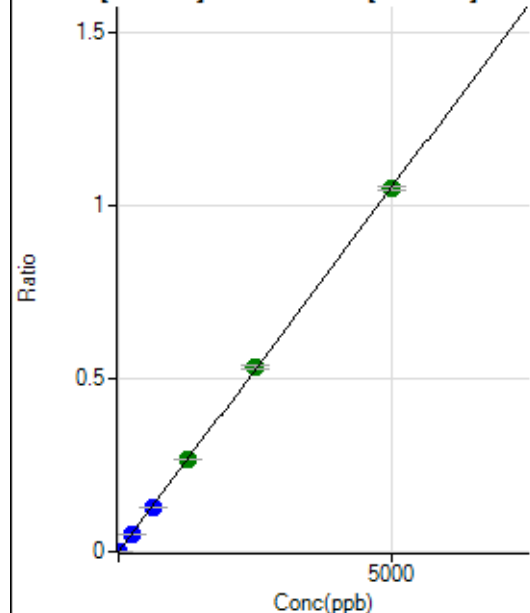
$$R = 0.9999$$

$$DL = 0.009658$$

$$BEC = 0.005435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	28.0
2	☐	10.000	10.586	24048.11	0.0022	P	0.9
3	☐	250.000	246.954	572212.25	0.0520	P	1.1
4	☐	625.000	612.676	1433236.37	0.1289	P	0.6
5	☐	1250.000	1264.305	2944241.28	0.2661	A	0.6
6	☐	2500.000	2534.093	5875664.84	0.5333	A	1.6
7	☐	5000.000	4981.069	11604070.94	1.0483	A	0.9
8	☐			5655.62	0.0005	P	8.8

$$y = 2.1045\text{E-}004 * x + 1.6428\text{E-}006$$

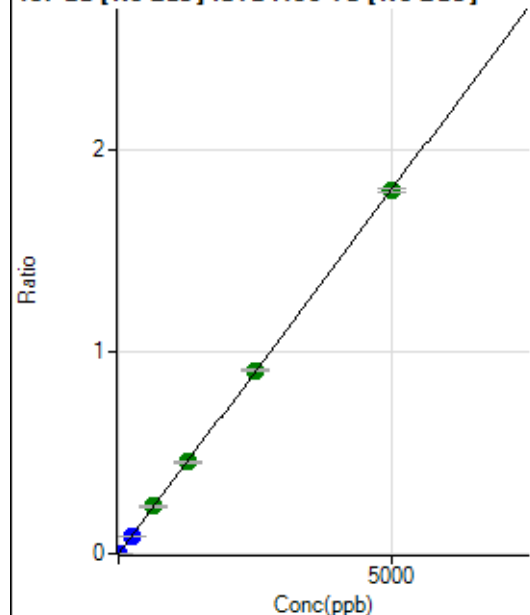
$$R = 1.0000$$

$$DL = 0.006547$$

$$BEC = 0.007806$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0000	P	18.1
2	☐	10.000	10.495	40884.11	0.0038	P	2.0
3	☐	250.000	247.750	984155.63	0.0894	P	1.5
4	☐	625.000	647.594	2597058.97	0.2337	A	1.7
5	☐	1250.000	1264.871	5049493.95	0.4564	A	1.7
6	☐	2500.000	2520.865	10020614.09	0.9095	A	1.7
7	☐	5000.000	4983.137	19902543.59	1.7979	A	1.1
8	☐			9754.55	0.0009	P	7.1

$$y = 3.6080\text{E-}004 * x + 4.3119\text{E-}006$$

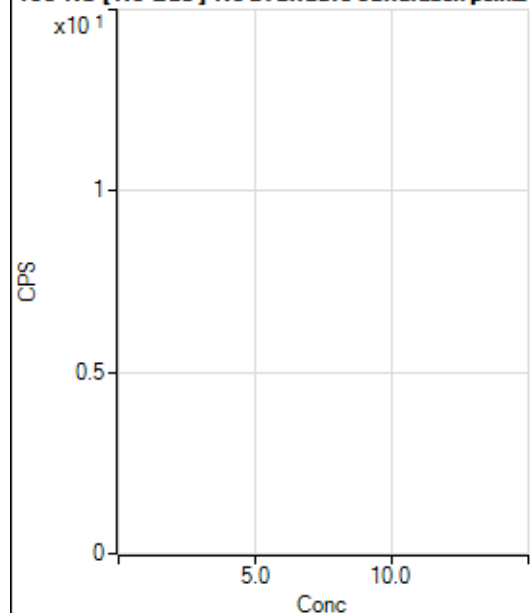
$$R = 1.0000$$

$$DL = 0.006488$$

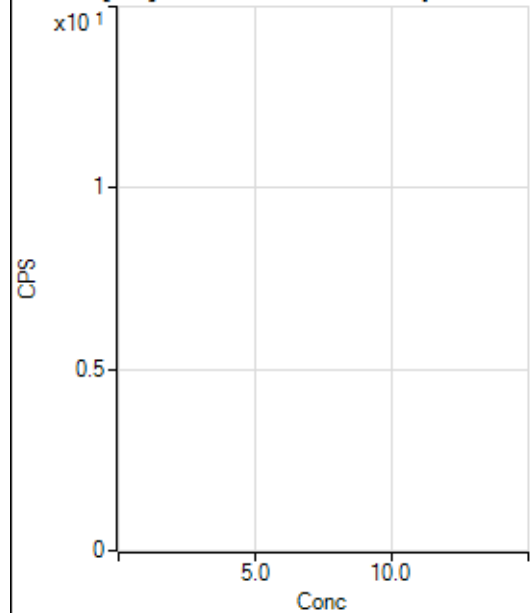
$$BEC = 0.01195$$

Weight: <None>

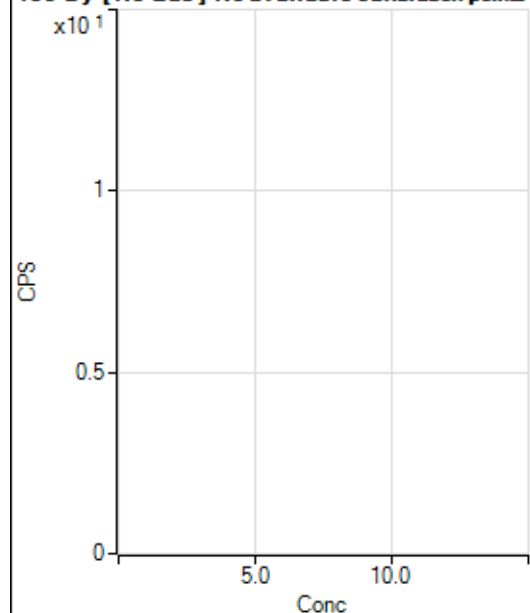
Min Conc: 0

150 Nd [No Gas] No available calibration points

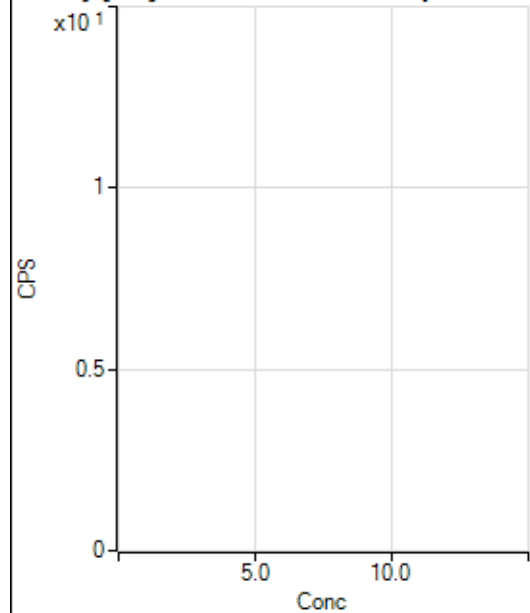
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			6.67		P	132.
3	☐			48.89		P	49.3
4	☐			114.45		P	11.0
5	☐			212.23		P	7.7
6	☐			450.01		P	12.2
7	☐			764.48		P	19.3
8	☐			194.45		P	8.1

150 Nd [He] No available calibration points

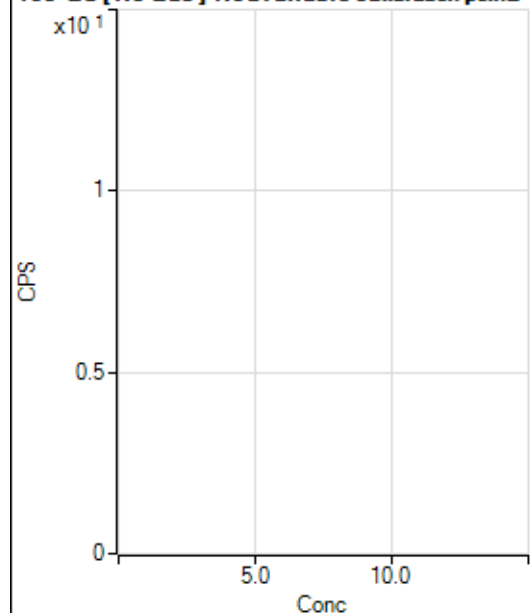
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			1.11		P	173.
3	☐			7.78		P	89.2
4	☐			27.78		P	54.1
5	☐			64.44		P	7.9
6	☐			114.44		P	16.8
7	☐			216.67		P	10.7
8	☐			118.89		P	9.8

156 Dy [No Gas] No available calibration points

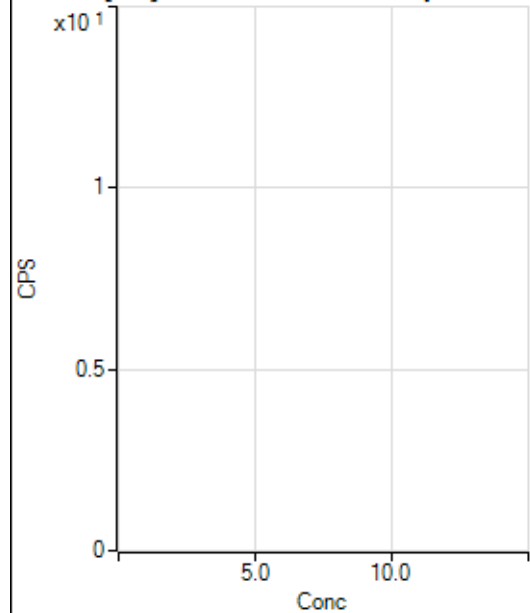
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			12.22		P	15.7
3	☐			20.00		P	28.9
4	☐			50.00		P	43.7
5	☐			75.56		P	13.5
6	☐			141.11		P	25.3
7	☐			233.34		P	8.7
8	☐			322.23		P	12.5

156 Dy [He] No available calibration points

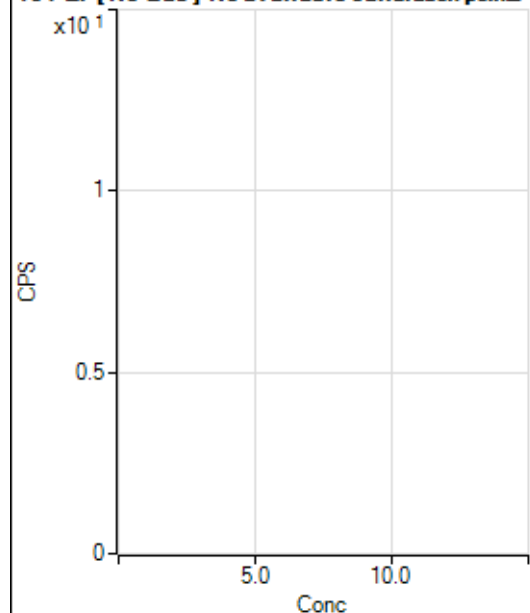
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			12.22		P	78.7
3	☐			46.66		P	24.7
4	☐			85.56		P	9.8
5	☐			158.89		P	13.5
6	☐			343.34		P	7.7
7	☐			670.02		P	4.7
8	☐			288.89		P	17.4

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

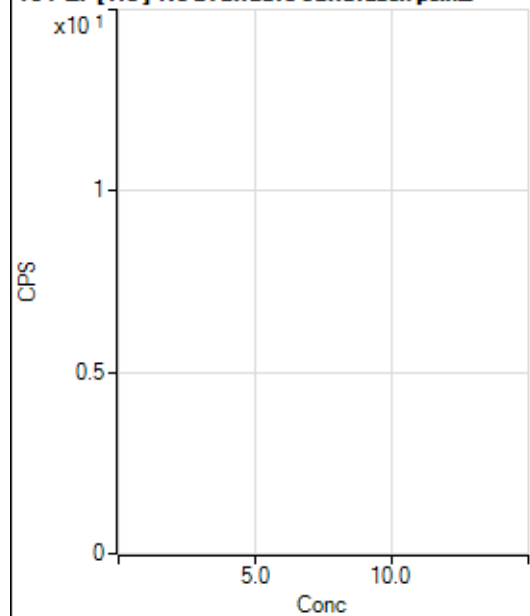
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	8.2
2	☐			54.45		P	19.7
3	☐			54.44		P	9.4
4	☐			55.56		P	29.6
5	☐			65.55		P	46.1
6	☐			105.56		P	28.3
7	☐			155.56		P	17.8
8	☐			353.34		P	16.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			438.90		P	14.0
2	☐			421.12		P	10.8
3	☐			444.46		P	5.6
4	☐			415.57		P	23.7
5	☐			431.12		P	7.8
6	☐			460.01		P	3.8
7	☐			458.90		P	14.6
8	☐			571.13		P	1.5

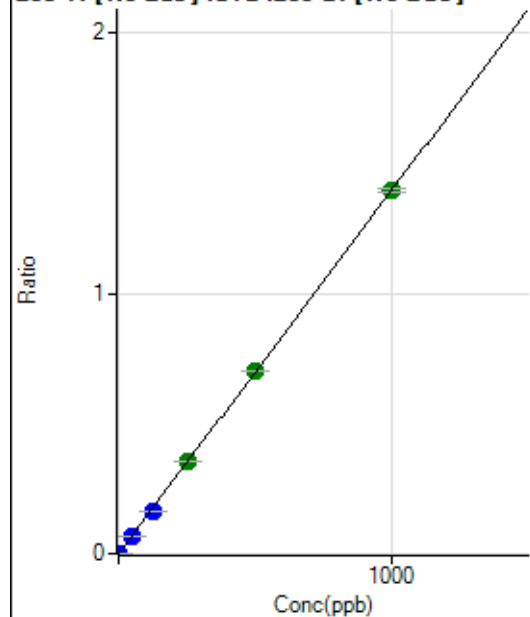
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	14.5
2	☐			54.44		P	15.4
3	☐			64.44		P	11.9
4	☐			65.55		P	20.6
5	☐			94.45		P	17.8
6	☐			115.56		P	6.0
7	☐			174.45		P	19.3
8	☐			425.57		P	9.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	38.7
2	☐			42.22		P	27.7
3	☐			37.78		P	39.8
4	☐			61.11		P	11.4
5	☐			65.56		P	15.5
6	☐			81.11		P	10.3
7	☐			140.00		P	10.9
8	☐			321.12		P	5.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	142.23	0.0000	P	21.6
2	☐	1.000	0.916	8188.07	0.0013	P	4.7
3	☐	50.000	46.566	410680.88	0.0649	P	2.7
4	☐	125.000	117.457	1054760.98	0.1638	P	1.6
5	☐	250.000	252.092	2271624.79	0.3514	A	0.3
6	☐	500.000	502.649	4543953.37	0.7007	A	0.8
7	☐	1000.000	999.268	8945546.81	1.3929	A	1.2
8	☐			1660.12	0.0003	P	27.0

$$y = 0.0014 * x + 2.3131E-005$$

$$R = 1.0000$$

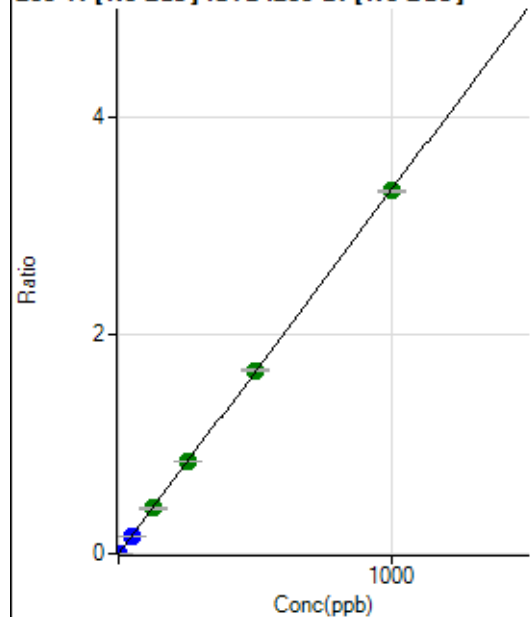
$$DL = 0.01074$$

$$BEC = 0.01659$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	302.23	0.0000	P	21.1
2	☐	1.000	0.927	19774.46	0.0031	P	4.1
3	☐	50.000	46.195	973672.08	0.1539	P	1.7
4	☐	125.000	125.251	2687812.51	0.4173	A	1.8
5	☐	250.000	253.718	5463499.36	0.8452	A	1.2
6	☐	500.000	504.441	10898555.67	1.6805	A	0.8
7	☐	1000.000	997.009	21330177.74	3.3213	A	0.4
8	☐			4010.66	0.0007	P	24.4

$$y = 0.0033 * x + 4.9164E-005$$

$$R = 1.0000$$

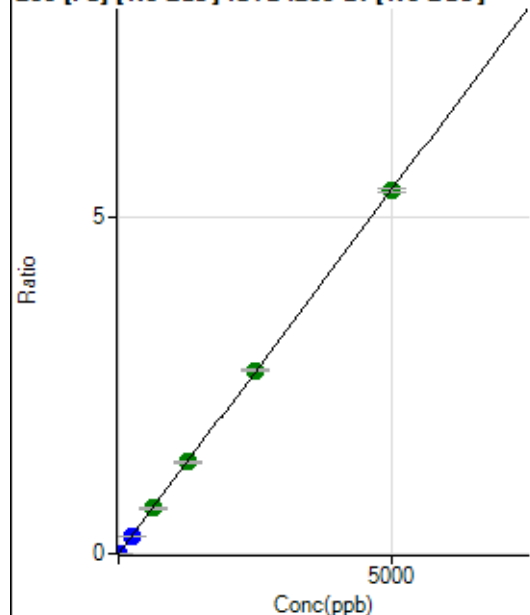
$$DL = 0.009361$$

$$BEC = 0.01476$$

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	875.59	0.0001	P	4.6
2	☐	1.000	0.957	7404.30	0.0012	P	2.7
3	☐	250.000	232.991	1590122.93	0.2514	P	1.7
4	☐	625.000	622.436	4324635.63	0.6714	A	1.5
5	☐	1250.000	1259.131	8777912.78	1.3580	A	1.0
6	☐	2500.000	2521.544	17635196.68	2.7194	A	1.1
7	☐	5000.000	4988.116	34547759.21	5.3794	A	1.0
8	☐			8492.83	0.0015	P	22.5

$$y = 0.0011 * x + 1.4232E-004$$

$$R = 1.0000$$

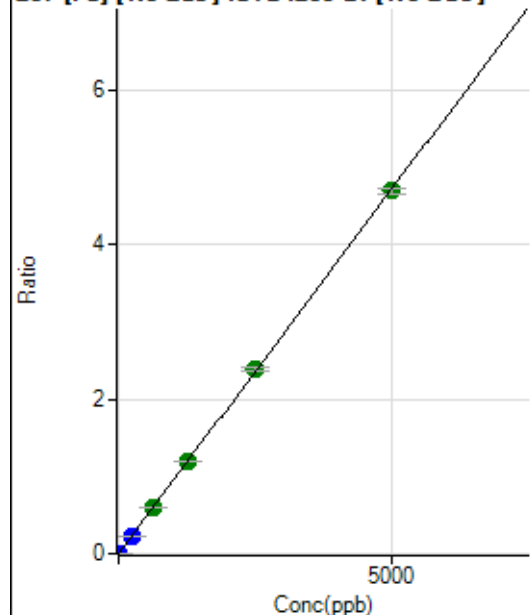
$$DL = 0.01832$$

$$BEC = 0.132$$

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	764.47	0.0001	P	7.2
2	☐	1.000	0.948	6411.57	0.0010	P	2.1
3	☐	250.000	231.213	1377987.86	0.2179	P	1.6
4	☐	625.000	628.414	3812624.04	0.5919	A	1.6
5	☐	1250.000	1268.200	7720974.33	1.1944	A	1.6
6	☐	2500.000	2533.926	15474627.13	2.3864	A	1.9
7	☐	5000.000	4978.999	30113218.16	4.6889	A	1.3
8	☐			7255.41	0.0013	P	21.9

$$y = 9.4171E-004 * x + 1.2420E-004$$

$$R = 0.9999$$

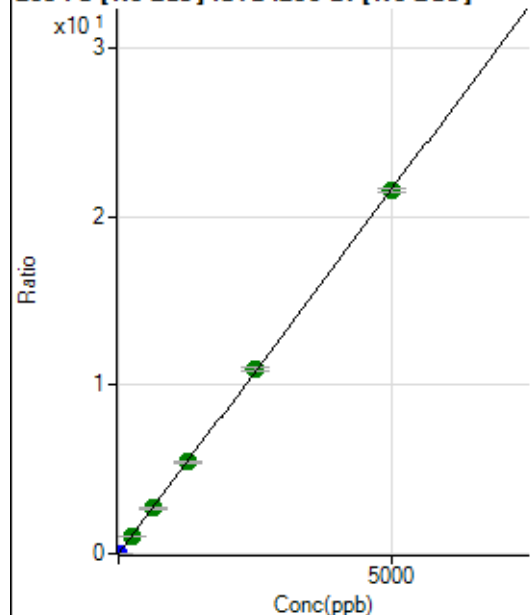
$$DL = 0.02835$$

$$BEC = 0.1319$$

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	3449.10	0.0006	P	4.4
2	☐	1.000	0.958	29614.06	0.0047	P	1.1
3	☐	250.000	241.394	6598667.71	1.0433	A	1.6
4	☐	625.000	623.280	17344747.80	2.6928	A	1.7
5	☐	1250.000	1260.106	35187425.72	5.4436	A	1.5
6	☐	2500.000	2533.501	70969785.20	10.9440	A	1.5
7	☐	5000.000	4981.368	138189050.1	21.5175	A	1.1
8	☐			33404.69	0.0060	P	21.9

$$y = 0.0043 * x + 5.6063E-004$$

$$R = 1.0000$$

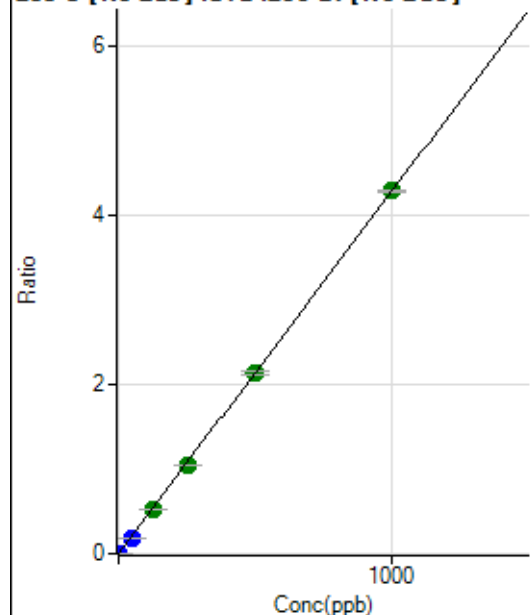
$$DL = 0.01726$$

$$BEC = 0.1298$$

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	27.78	0.0000	P	28.3
2	☐	1.000	0.882	23835.90	0.0038	P	2.2
3	☐	50.000	43.323	1173530.93	0.1855	P	1.8
4	☐	125.000	121.962	3364288.39	0.5223	A	1.7
5	☐	250.000	243.567	6742269.21	1.0431	A	1.0
6	☐	500.000	500.485	13898432.01	2.1433	A	1.8
7	☐	1000.000	1002.080	27560483.48	4.2914	A	0.8
8	☐			4961.04	0.0009	P	31.7

$$y = 0.0043 * x + 4.5187E-006$$

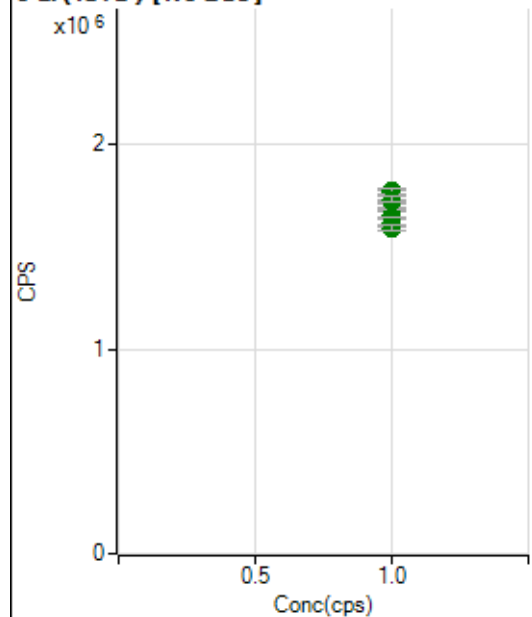
$$R = 1.0000$$

$$DL = 0.0008967$$

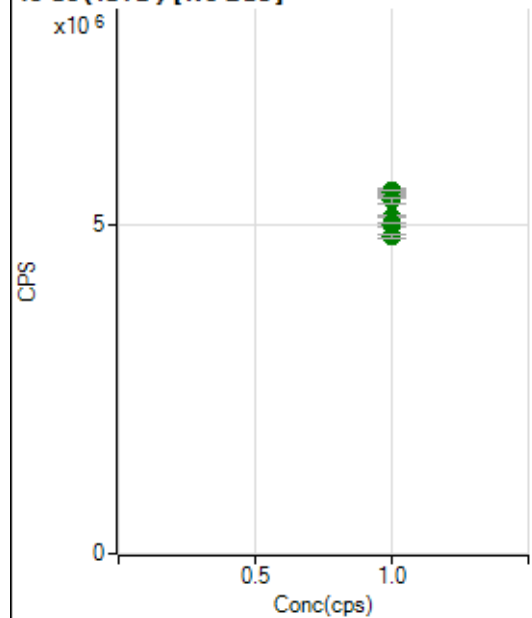
$$BEC = 0.001055$$

Weight: <None>

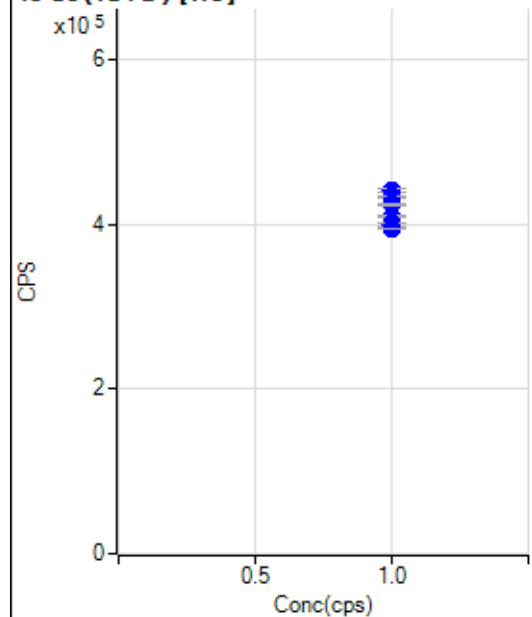
Min Conc: 0

6 Li (ISTD) [No Gas]

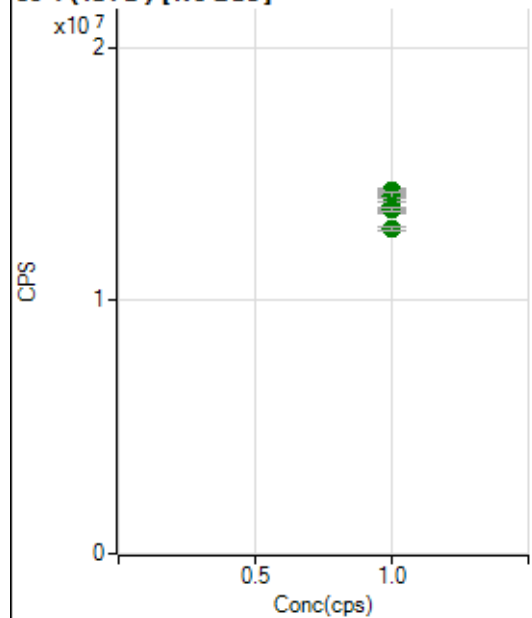
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1618138.95		A	2.4
2	☐	1.000		1656352.25		A	1.6
3	☐	1.000		1686019.30		A	0.6
4	☐	1.000		1718539.84		A	1.5
5	☐	1.000		1764445.79		A	1.5
6	☐	1.000		1771592.01		A	1.5
7	☐	1.000		1730839.54		A	1.8
8	☐	1.000		1590150.43		A	1.6

45 Sc (ISTD) [No Gas]

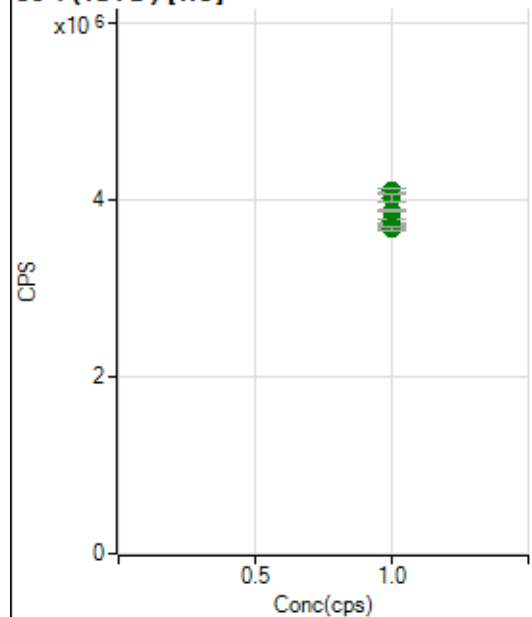
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5443850.40		A	0.5
2	☐	1.000		5529457.28		A	1.0
3	☐	1.000		5514462.21		A	1.0
4	☐	1.000		5386187.49		A	1.4
5	☐	1.000		5141806.59		A	0.1
6	☐	1.000		5015007.84		A	1.4
7	☐	1.000		5046516.07		A	0.2
8	☐	1.000		4834773.85		A	1.0

45 Sc (ISTD) [He]

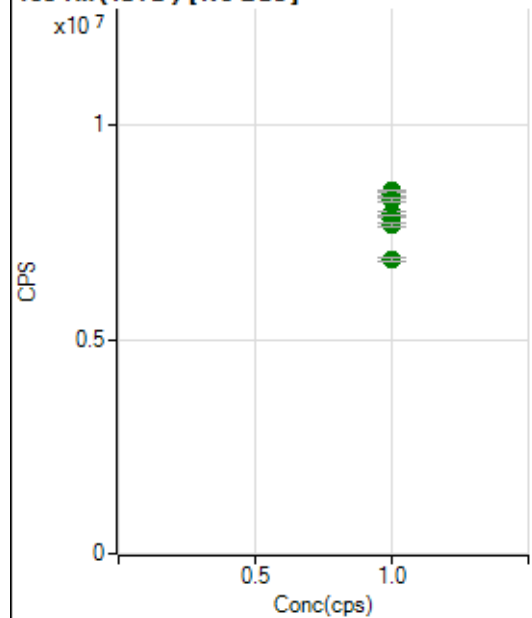
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		433006.90		P	0.7
2	☐	1.000		440245.77		P	1.1
3	☐	1.000		433864.25		P	0.3
4	☐	1.000		423933.63		P	0.8
5	☐	1.000		409097.48		P	0.4
6	☐	1.000		400964.96		P	0.3
7	☐	1.000		398875.92		P	0.8
8	☐	1.000		393918.03		P	0.3

89 Y (ISTD) [No Gas]

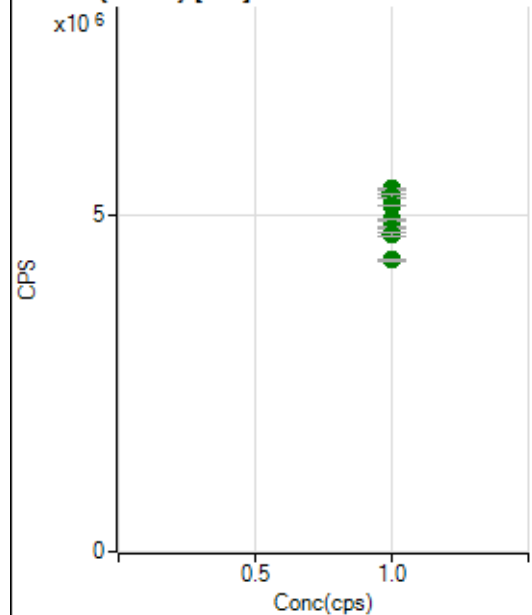
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14254854.23		A	1.4
2	☐	1.000		14339342.15		A	1.8
3	☐	1.000		14285600.20		A	1.0
4	☐	1.000		14170257.84		A	1.3
5	☐	1.000		13758735.63		A	2.1
6	☐	1.000		13570724.80		A	1.9
7	☐	1.000		13607176.05		A	0.9
8	☐	1.000		12846492.17		A	0.8

89 Y(ISTD) [He]

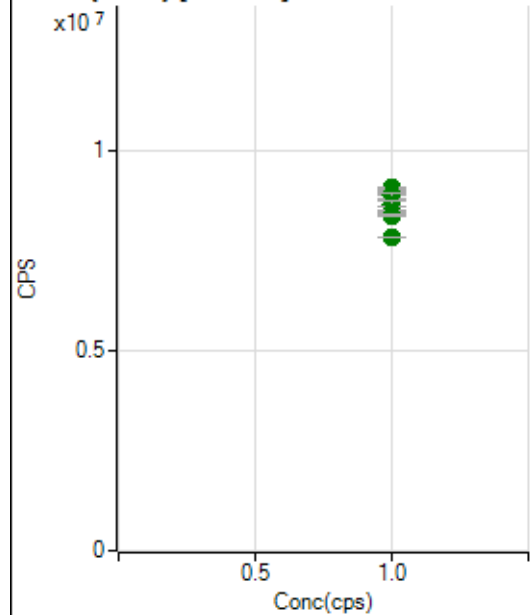
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4007085.88		A	2.1
2	☐	1.000		4095323.17		A	1.1
3	☐	1.000		4015720.50		A	1.7
4	☐	1.000		3871257.58		A	0.5
5	☐	1.000		3756453.52		A	1.5
6	☐	1.000		3696706.65		A	0.7
7	☐	1.000		3688724.15		A	0.9
8	☐	1.000		3670400.60		A	1.6

103 Rh(ISTD) [No Gas]

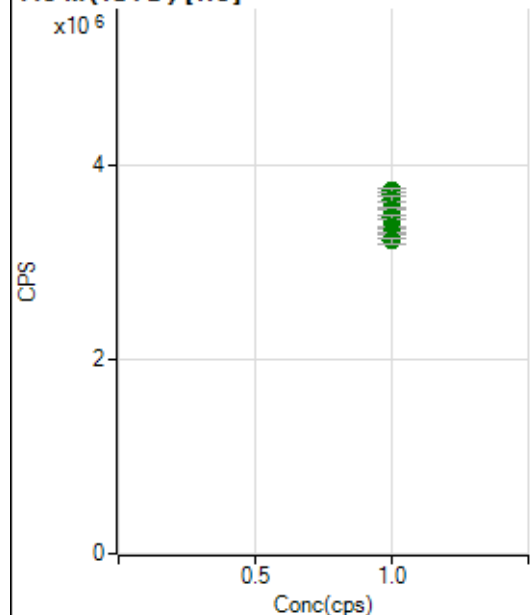
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8386287.72		A	1.1
2	☐	1.000		8395141.96		A	2.1
3	☐	1.000		8472620.78		A	0.5
4	☐	1.000		8251816.89		A	1.0
5	☐	1.000		7944785.23		A	1.7
6	☐	1.000		7804670.85		A	2.1
7	☐	1.000		7682206.76		A	1.5
8	☐	1.000		6856802.19		A	1.1

103 Rh (ISTD) [He]

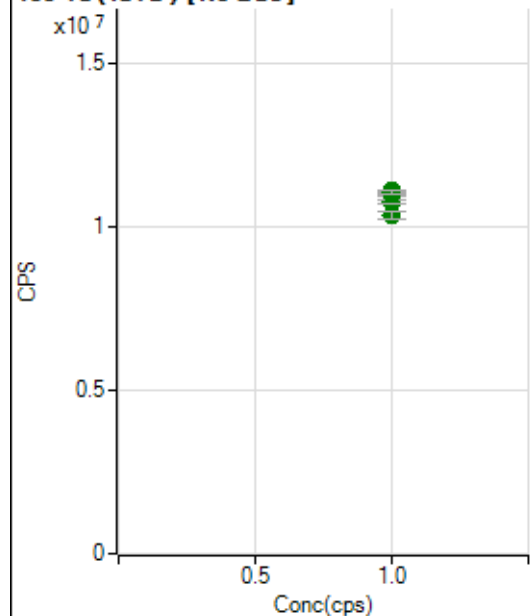
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5355067.21		A	1.5
2	☐	1.000		5398163.60		A	0.5
3	☐	1.000		5293952.14		A	0.9
4	☐	1.000		5143386.87		A	0.2
5	☐	1.000		4936455.27		A	0.8
6	☐	1.000		4817868.65		A	1.0
7	☐	1.000		4712522.64		A	1.2
8	☐	1.000		4337854.97		A	0.8

115 In (ISTD) [No Gas]

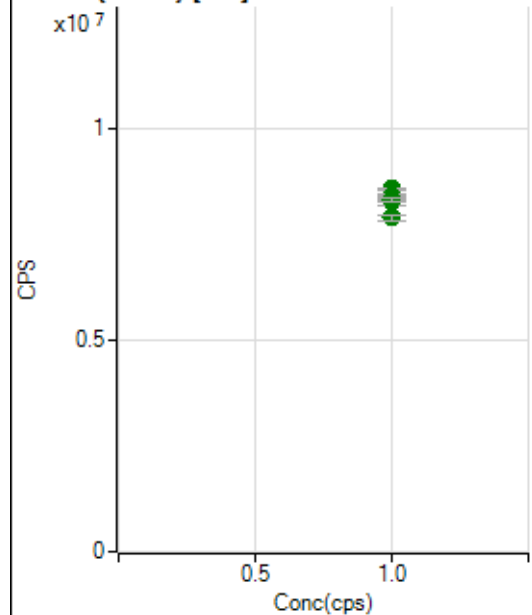
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8958863.33		A	0.9
2	☐	1.000		9075616.10		A	0.1
3	☐	1.000		8962758.26		A	1.4
4	☐	1.000		8879593.97		A	1.6
5	☐	1.000		8673563.89		A	1.7
6	☐	1.000		8488946.04		A	0.9
7	☐	1.000		8382237.56		A	0.7
8	☐	1.000		7835339.45		A	0.4

115 In (ISTD) [He]

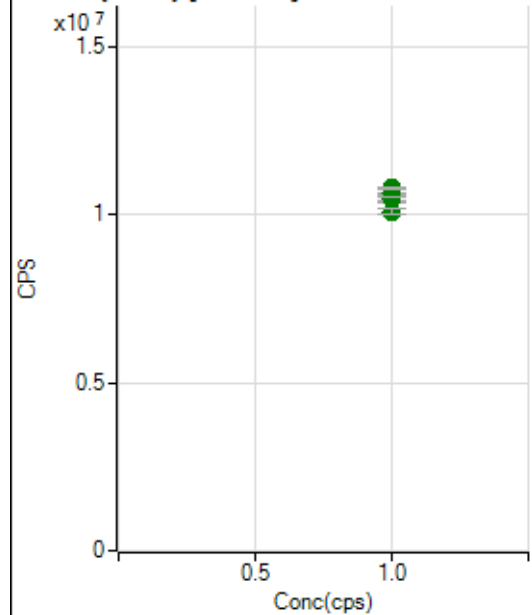
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3703106.35		A	0.9
2	☐	1.000		3742709.39		A	1.2
3	☐	1.000		3658527.37		A	1.4
4	☐	1.000		3557979.11		A	0.9
5	☐	1.000		3480441.83		A	1.2
6	☐	1.000		3362785.89		A	1.0
7	☐	1.000		3304883.24		A	0.8
8	☐	1.000		3228074.79		A	1.9

159 Tb (ISTD) [No Gas]

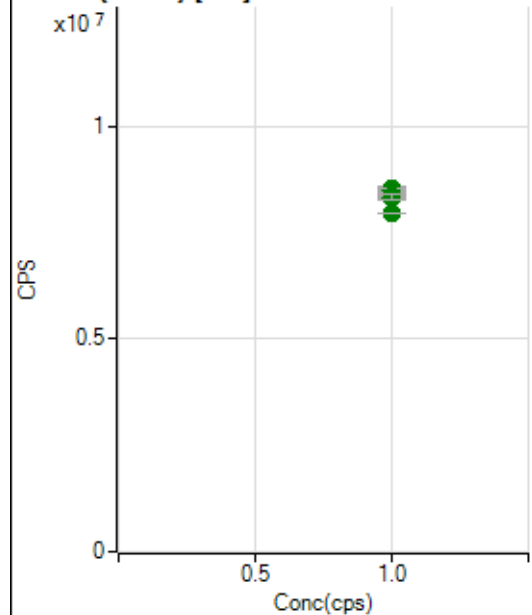
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10810763.73		A	1.1
2	☐	1.000		10786635.53		A	1.4
3	☐	1.000		11010238.17		A	1.0
4	☐	1.000		11115633.03		A	0.8
5	☐	1.000		11065655.25		A	1.0
6	☐	1.000		11018750.11		A	1.3
7	☐	1.000		11069829.97		A	0.7
8	☐	1.000		10366393.46		A	2.1

159 Tb (ISTD) [He]

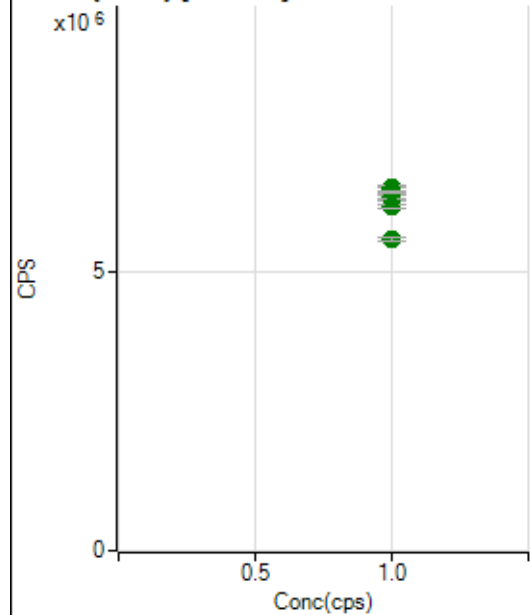
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8392010.78		A	0.4
2	☐	1.000		8591416.19		A	0.7
3	☐	1.000		8433720.71		A	0.7
4	☐	1.000		8400892.23		A	1.8
5	☐	1.000		8323055.36		A	1.1
6	☐	1.000		8291272.17		A	1.7
7	☐	1.000		8335629.74		A	0.8
8	☐	1.000		7901010.99		A	1.2

165 Ho (ISTD) [No Gas]

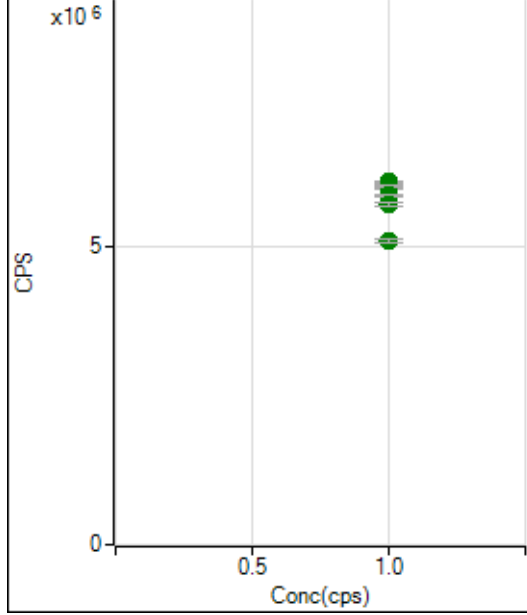
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10454898.94		A	1.3
2	☐	1.000		10473097.62		A	0.7
3	☐	1.000		10664896.85		A	1.3
4	☐	1.000		10644747.41		A	0.4
5	☐	1.000		10555710.40		A	1.0
6	☐	1.000		10658790.40		A	2.3
7	☐	1.000		10798642.76		A	0.7
8	☐	1.000		10093648.74		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8467333.35		A	1.4
2	☐	1.000		8528487.44		A	1.1
3	☐	1.000		8484642.51		A	0.8
4	☐	1.000		8483886.54		A	1.7
5	☐	1.000		8341288.70		A	1.0
6	☐	1.000		8355503.35		A	0.6
7	☐	1.000		8323890.57		A	1.6
8	☐	1.000		7951145.44		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6153456.23		A	0.7
2	☐	1.000		6303302.61		A	2.0
3	☐	1.000		6325613.17		A	0.9
4	☐	1.000		6442298.93		A	1.6
5	☐	1.000		6464089.21		A	0.7
6	☐	1.000		6485338.31		A	1.3
7	☐	1.000		6422208.45		A	0.4
8	☐	1.000		5563997.90		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5973668.38		A	0.9
2	☐	1.000		6068127.06		A	0.8
3	☐	1.000		6016596.44		A	0.7
4	☐	1.000		6001972.69		A	0.8
5	☐	1.000		5851848.73		A	0.6
6	☐	1.000		5827672.13		A	0.5
7	☐	1.000		5702383.80		A	1.2
8	☐	1.000		5088832.21		A	1.3