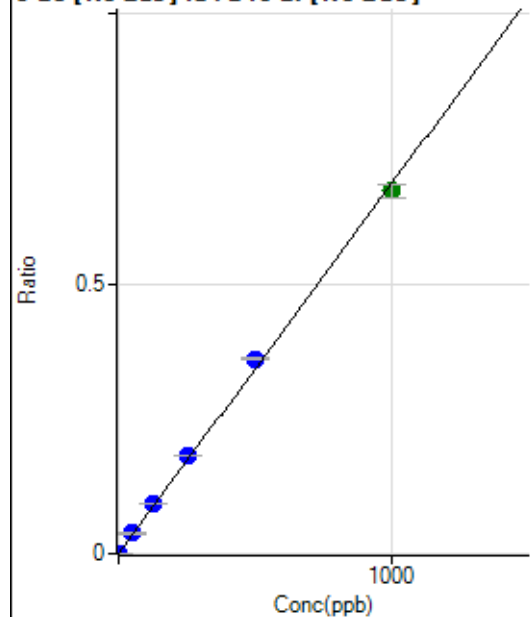


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7040323 MS.b\
Analysis File: P7040323 MS.batch.bin
DA Date-Time: 2023-04-04 18:04:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-04 11:42:45
2	005CALS.d	S02	2023-04-04 11:46:01
3	006CALS.d	S03	2023-04-04 11:49:18
4	007CALS.d	S04	2023-04-04 11:52:22
5	008CALS.d	S05	2023-04-04 11:55:18
6	009CALS.d	S06	2023-04-04 11:58:06
7	010CALS.d	S07	2023-04-04 12:00:54
8	011CALS.d	S08	2023-04-04 12:03:39

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.66	0.0000	P	42.7
2	☐	1.000	1.129	1677.89	0.0008	P	4.0
3	☐	50.000	54.864	79914.82	0.0376	P	4.3
4	☐	125.000	136.328	192716.79	0.0934	P	1.1
5	☐	250.000	265.217	375946.06	0.1817	P	0.6
6	☐	500.000	526.987	743611.36	0.3610	P	1.6
7	☐	1000.000	981.043	1381521.86	0.6721	A	3.9
8	☐			698.91	0.0004	P	14.6

$$y = 6.8505\text{E-}004 * x + 1.7443\text{E-}005$$

$$R = 0.9993$$

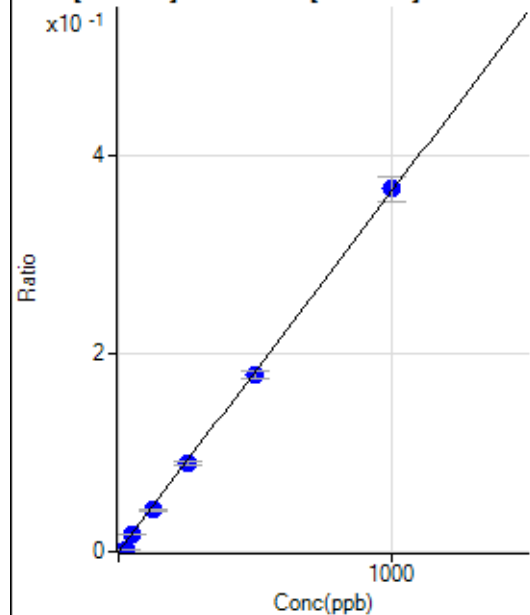
$$DL = 0.0326$$

$$BEC = 0.02546$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	343.34	0.0002	P	14.3
2	☐	25.000	6.752	5546.60	0.0026	P	2.7
3	☐	50.000	46.955	36532.95	0.0172	P	8.1
4	☐	125.000	115.617	86882.58	0.0421	P	4.6
5	☐	250.000	244.826	184177.12	0.0890	P	3.5
6	☐	500.000	491.436	367671.35	0.1785	P	3.8
7	☐	1000.000	1007.357	751417.58	0.3657	P	6.6
8	☐			24340.47	0.0131	P	13.1

$$y = 3.6289\text{E-}004 * x + 1.6307\text{E-}004$$

$$R = 0.9998$$

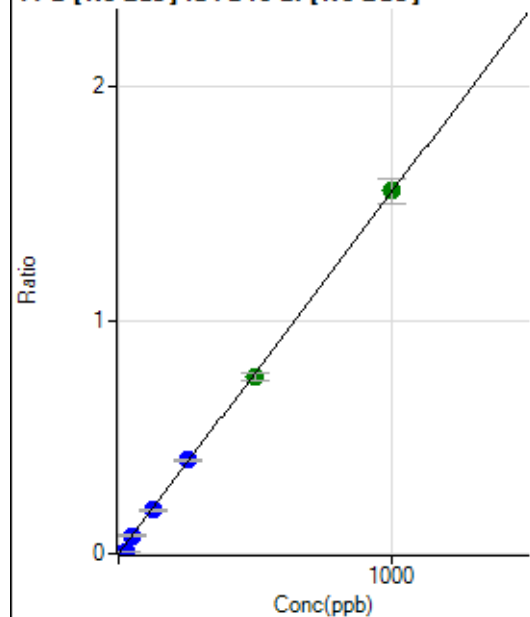
$$DL = 0.1932$$

$$BEC = 0.4494$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1562.32	0.0007	P	3.4
2	☐	25.000	7.084	24827.73	0.0117	P	3.3
3	☐	50.000	49.204	163198.21	0.0768	P	8.1
4	☐	125.000	120.639	386387.82	0.1873	P	5.4
5	☐	250.000	258.020	827283.24	0.3998	P	3.7
6	☐	500.000	489.520	1560959.37	0.7578	A	3.7
7	☐	1000.000	1004.268	3192572.14	1.5540	A	7.2
8	☐			109319.18	0.0590	P	13.7

$$y = 0.0015 * x + 7.4124E-004$$

$$R = 0.9997$$

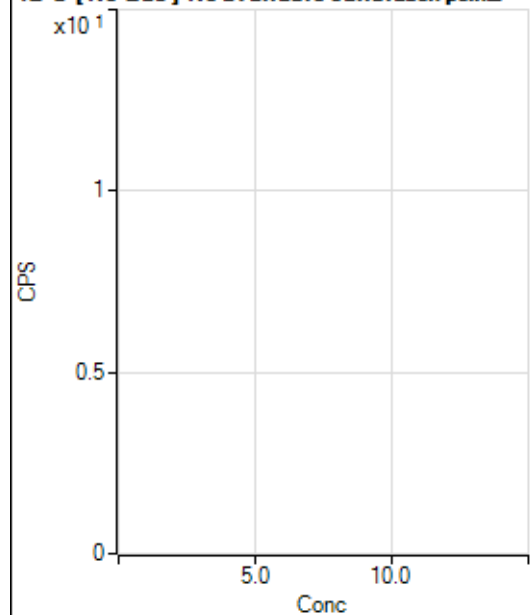
$$DL = 0.04873$$

$$BEC = 0.4793$$

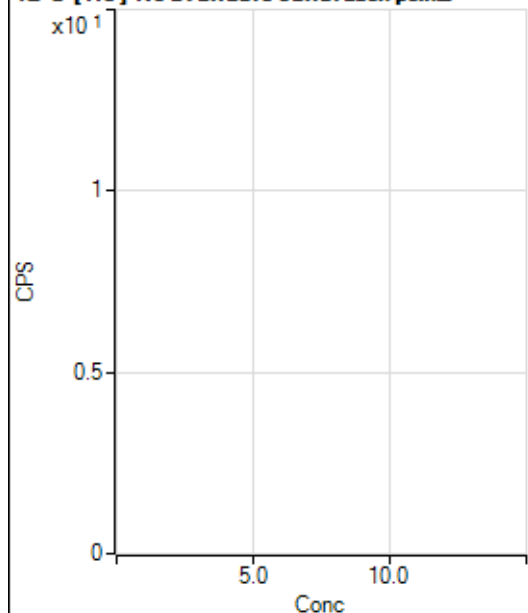
Weight: <None>

Min Conc: 0

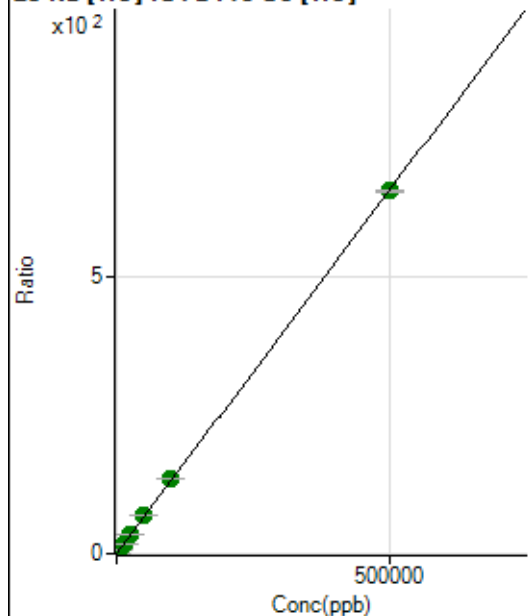
12 C [No Gas] No available calibration points



	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	27709.43	0.0680	P	1.0
2	☐	500.000	535.519	312754.78	0.7705	P	0.4
3	☐	5000.000	5325.238	2812614.16	7.0535	A	1.9
4	☐	12500.000	13044.627	6675495.87	17.1794	A	0.3
5	☐	25000.000	26205.468	13478402.99	34.4433	A	0.3
6	☐	50000.000	52267.192	26875430.43	68.6301	A	0.6
7	☐	100000.00	102911.25	52608786.99	135.0630	A	0.8
8	☐	500000.00	499113.85	240836656.4	654.7861	A	0.4

$$y = 0.0013 * x + 0.0680$$

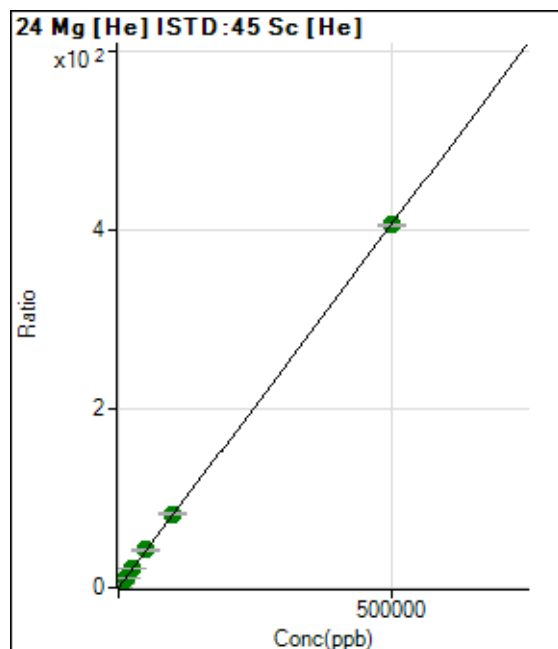
$$R = 1.0000$$

$$DL = 1.605$$

$$BEC = 51.85$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1723.45	0.0042	P	6.3
2	☐	500.000	528.911	176364.82	0.4345	P	0.8
3	☐	5000.000	5430.049	1763061.92	4.4214	A	0.5
4	☐	12500.000	13145.783	4156807.58	10.6978	A	0.3
5	☐	25000.000	26016.882	8283286.20	21.1680	A	0.6
6	☐	50000.000	51963.171	16554045.31	42.2743	A	1.9
7	☐	100000.00	101775.97	32246671.46	82.7952	A	1.6
8	☐	500000.00	499377.17	149409531.1	406.2291	A	0.7

$$y = 8.1346\text{E-}004 * x + 0.0042$$

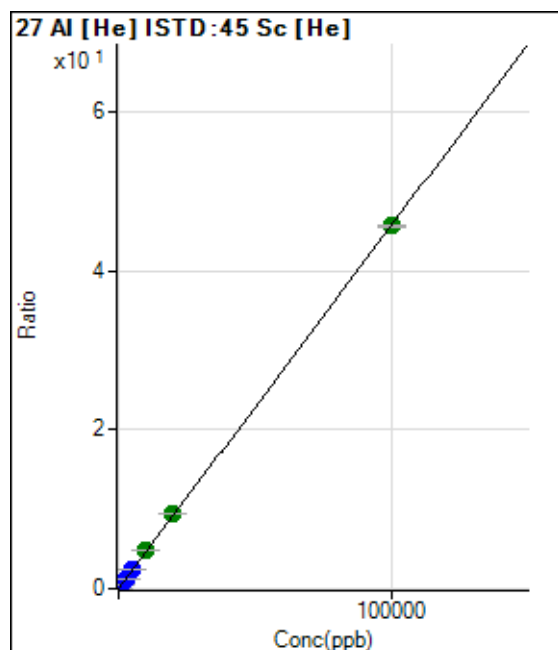
$$R = 1.0000$$

$$DL = 0.9825$$

$$BEC = 5.199$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.66	0.0002	P	12.4
2	☐	20.000	21.708	4126.14	0.0102	P	0.7
3	☐	1000.000	1119.035	204170.33	0.5120	P	0.7
4	☐	2500.000	2729.280	485089.56	1.2484	P	0.4
5	☐	5000.000	5309.121	950242.41	2.4283	P	0.2
6	☐	10000.000	10439.522	1869710.51	4.7745	A	1.8
7	☐	20000.000	20517.304	3655121.09	9.3834	A	0.6
8	☐	100000.00	99830.208	16792151.28	45.6555	A	0.7

$$y = 4.5733\text{E-}004 * x + 2.3735\text{E-}004$$

$$R = 1.0000$$

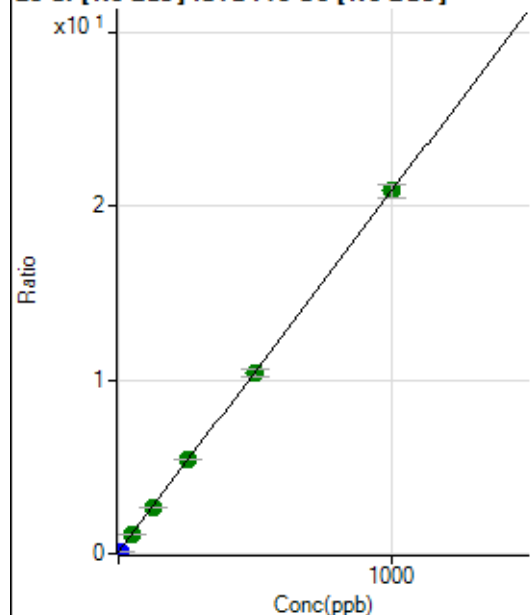
$$DL = 0.1925$$

$$BEC = 0.519$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	407950.29	0.0945	P	1.4
2	☐	10.000	0.613	464672.66	0.1073	P	1.2
3	☐	50.000	50.100	4954273.33	1.1340	A	2.4
4	☐	125.000	121.546	10947082.96	2.6162	A	1.2
5	☐	250.000	256.739	22772064.11	5.4210	A	1.4
6	☐	500.000	495.838	43805191.29	10.3815	A	3.7
7	☐	1000.000	1000.917	88811565.35	20.8603	A	4.0
8	☐			769892.52	0.1934	P	5.9

$$y = 0.0207 * x + 0.0945$$

$$R = 0.9999$$

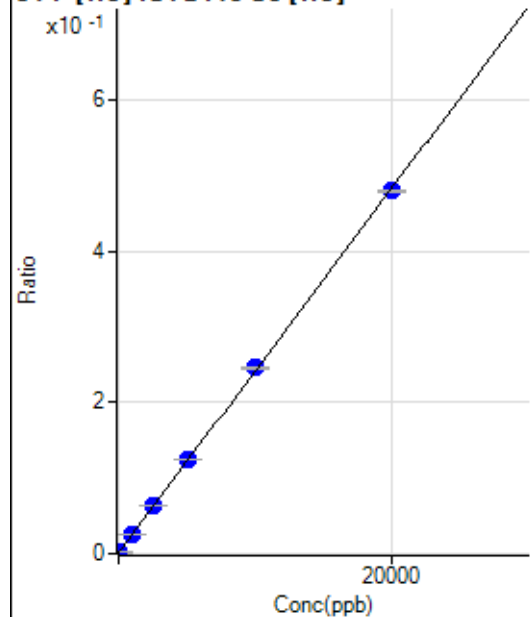
$$DL = 0.1887$$

$$BEC = 4.557$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.129	370.01	0.0009	P	9.1
2	☐	0.000	10.129	566.68	0.0014	P	5.8
3	☐	1000.000	1027.996	10322.43	0.0259	P	2.3
4	☐	2500.000	2567.728	24455.11	0.0629	P	1.2
5	☐	5000.000	5125.887	48712.73	0.1245	P	1.3
6	☐	10000.000	10157.108	96160.40	0.2456	P	0.4
7	☐	20000.000	19880.108	186788.37	0.4795	P	0.7
8	☐			401.12	0.0011	P	7.2

$$y = 2.4062E-005 * x + 0.0012$$

$$R = 0.9999$$

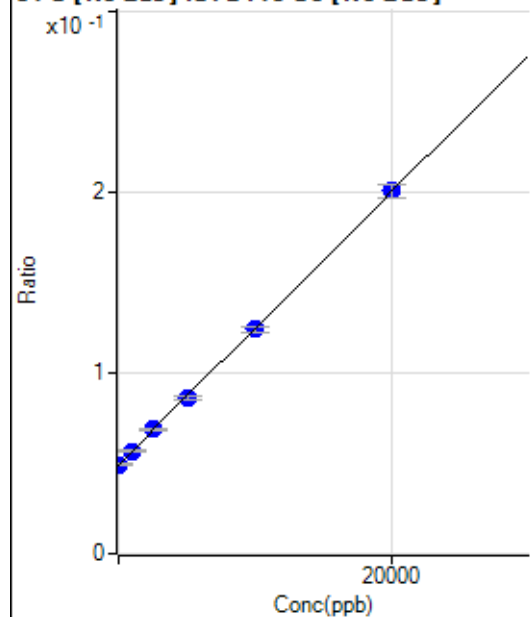
$$DL = 10.15$$

$$BEC = 47.88$$

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	-15.873	211961.36	0.0491	P	2.1
2	☐	0.000	15.873	213836.72	0.0494	P	0.5
3	☐	1000.000	974.576	247251.79	0.0566	P	1.2
4	☐	2500.000	2595.107	287862.32	0.0688	P	0.8
5	☐	5000.000	4895.797	361802.88	0.0861	P	1.4
6	☐	10000.000	9895.924	522460.60	0.1238	P	2.2
7	☐	20000.000	20067.471	853404.97	0.2004	P	3.4
8	☐			194558.57	0.0489	P	1.1

$$y = 7.5339\text{E-}006 * x + 0.0492$$

R = 0.9999

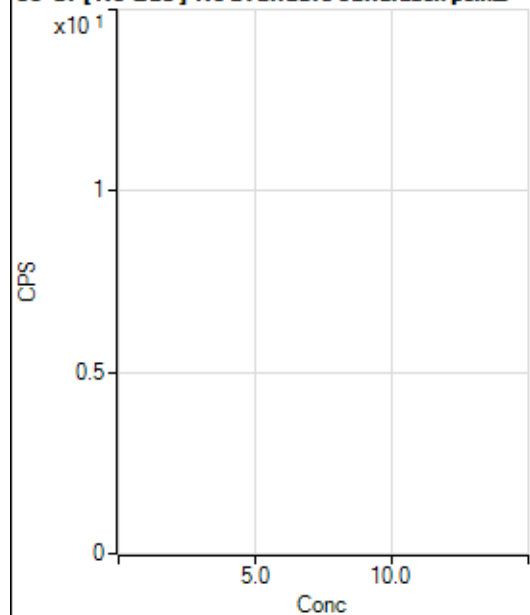
DL = 257.5

BEC = 6536

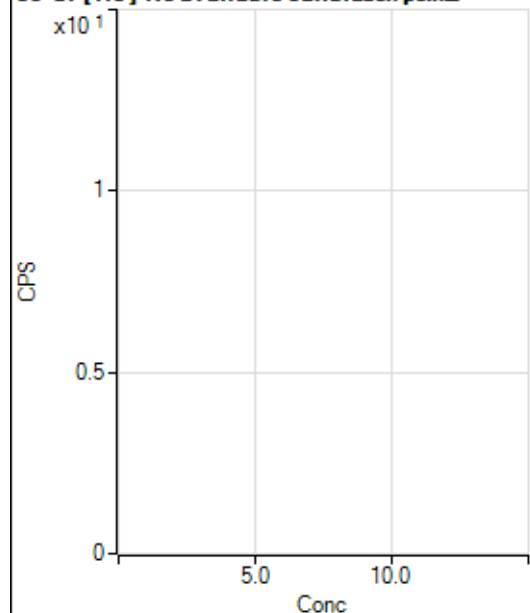
Weight: <None>

Min Conc: 0

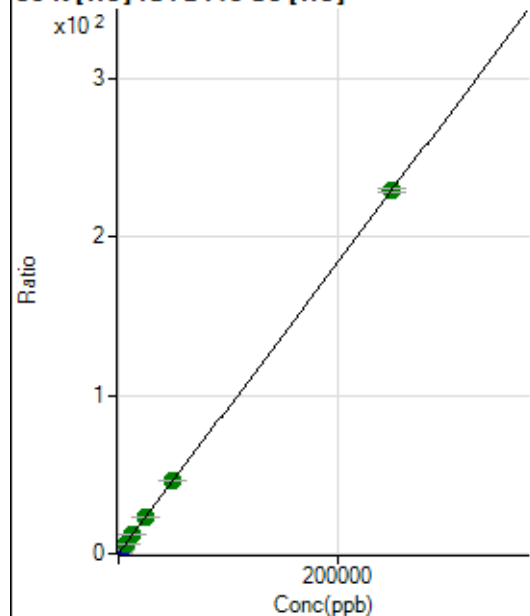
35 Cl [No Gas] No available calibration points



	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	57873.97	0.1421	P	0.4
2	☐	500.000	534.685	256741.68	0.6325	P	0.6
3	☐	2500.000	2767.223	1068789.37	2.6803	P	0.4
4	☐	6250.000	6343.529	2316022.17	5.9607	A	1.2
5	☐	12500.000	12527.885	4552362.54	11.6333	A	0.9
6	☐	25000.000	25241.450	9121875.35	23.2948	A	1.1
7	☐	50000.000	50281.725	18019813.06	46.2631	A	1.0
8	☐	250000.00	249913.03	84362375.41	229.3753	A	1.0

$$y = 9.1725E-004 * x + 0.1421$$

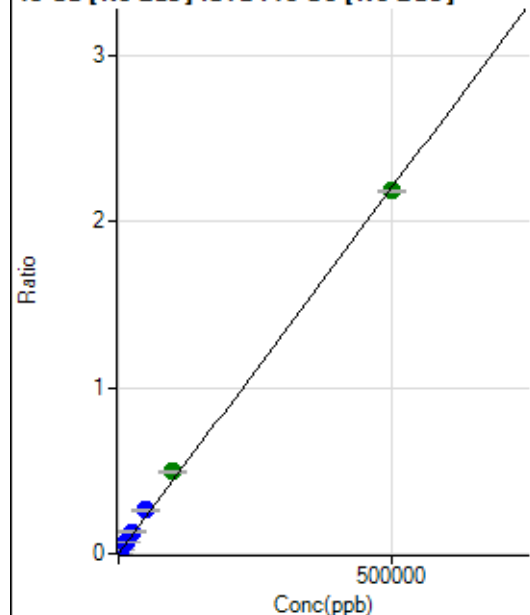
$$R = 1.0000$$

$$DL = 1.947$$

$$BEC = 154.9$$

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	94.44	0.0000	P	21.1
2	☐	500.000	557.928	10741.65	0.0025	P	1.6
3	☐	5000.000	6049.148	116511.76	0.0267	P	2.6
4	☐	12500.000	15241.241	281007.79	0.0672	P	0.3
5	☐	25000.000	30210.894	559102.96	0.1331	P	1.4
6	☐	50000.000	59646.989	1108808.73	0.2628	P	2.8
7	☐	100000.00	111932.13	2099683.49	0.4931	A	3.0
8	☐	500000.00	496309.24	8705072.86	2.1862	A	0.6

$$y = 4.4049\text{E-}006 * x + 2.1824\text{E-}005$$

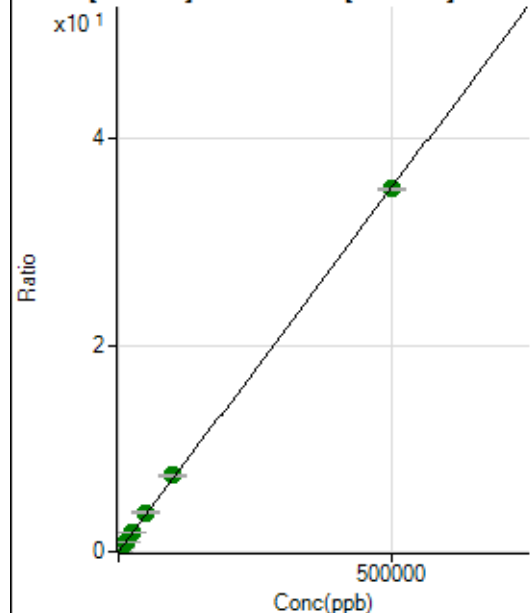
$$R = 0.9996$$

$$DL = 3.129$$

$$BEC = 4.955$$

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	16036.56	0.0037	P	1.7
2	☐	500.000	552.099	184719.15	0.0426	P	0.4
3	☐	5000.000	5546.973	1724833.36	0.3948	A	2.4
4	☐	12500.000	13938.507	4127409.87	0.9864	A	0.5
5	☐	25000.000	27344.135	8113890.71	1.9315	A	0.9
6	☐	50000.000	53997.307	16081291.84	3.8106	A	2.5
7	☐	100000.00	104750.66	31464422.31	7.3888	A	2.7
8	☐	500000.00	498491.44	139953293.4	35.1482	A	0.8

$$y = 7.0502\text{E-}005 * x + 0.0037$$

$$R = 0.9999$$

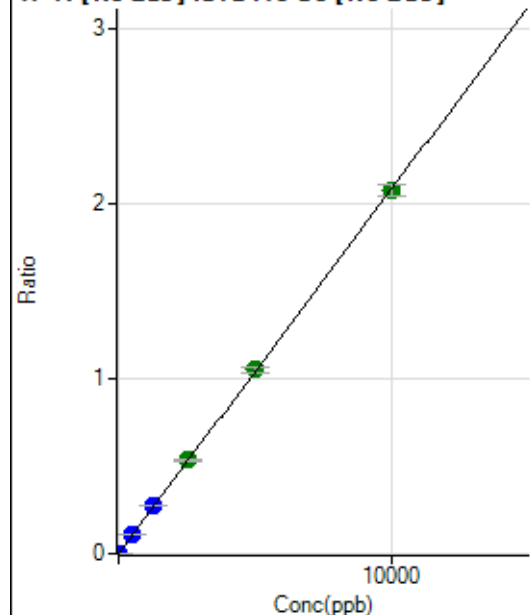
$$DL = 2.621$$

$$BEC = 52.71$$

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	140.00	0.0000	P	19.6
2	☐	5.000	5.186	4823.03	0.0011	P	2.2
3	☐	500.000	514.721	468784.72	0.1073	P	2.4
4	☐	1250.000	1296.984	1131088.95	0.2703	P	0.7
5	☐	2500.000	2570.973	2250728.46	0.5358	A	2.6
6	☐	5000.000	5049.296	4440647.82	1.0523	A	2.7
7	☐	10000.000	9951.000	8830342.78	2.0738	A	3.0
8	☐			2176.85	0.0005	P	12.4

$$y = 2.0840\text{E-}004 * x + 3.2481\text{E-}005$$

$$R = 0.9999$$

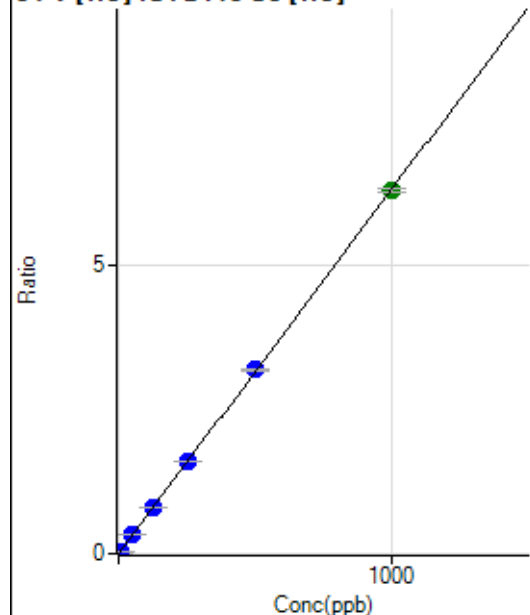
$$DL = 0.09167$$

$$BEC = 0.1559$$

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	5.55	0.0000	P	124.
2	☐	5.000	5.150	13170.27	0.0324	P	1.0
3	☐	50.000	51.413	129123.94	0.3238	P	0.6
4	☐	125.000	127.718	312556.86	0.8044	P	0.5
5	☐	250.000	253.293	624239.65	1.5953	P	0.7
6	☐	500.000	504.767	1244866.73	3.1790	P	1.1
7	☐	1000.000	996.382	2444280.81	6.2753	A	1.0
8	☐			975.60	0.0027	P	0.8

$$y = 0.0063 * x + 1.3590\text{E-}005$$

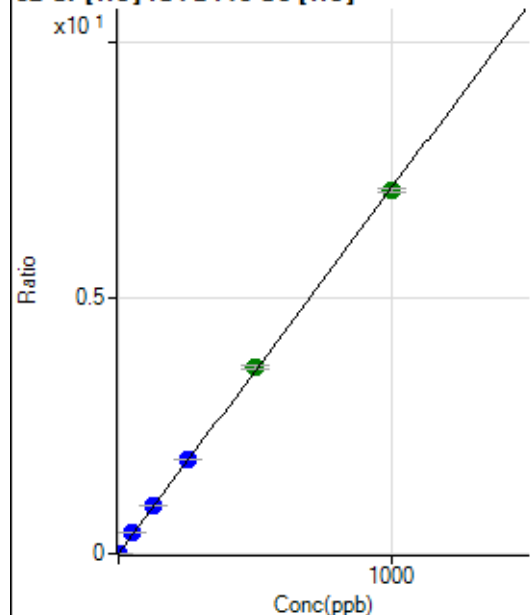
$$R = 1.0000$$

$$DL = 0.008063$$

$$BEC = 0.002158$$

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	995.60	0.0024	P	7.4
2	☐	2.000	2.064	6982.79	0.0172	P	2.0
3	☐	50.000	58.963	169041.62	0.4239	P	0.4
4	☐	125.000	129.286	360042.01	0.9266	P	0.8
5	☐	250.000	258.407	723745.82	1.8496	P	1.1
6	☐	500.000	509.348	1426621.18	3.6433	A	1.8
7	☐	1000.000	992.240	2763636.73	7.0952	A	1.2
8	☐			20076.82	0.0546	P	1.1

$$y = 0.0071 * x + 0.0024$$

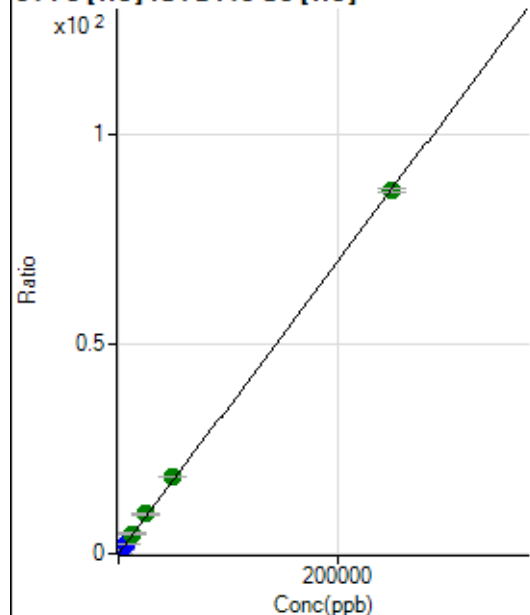
$$R = 0.9999$$

$$DL = 0.0758$$

$$BEC = 0.3418$$

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	1897.92	0.0047	P	4.0
2	☐	50.000	56.073	9809.93	0.0242	P	0.3
3	☐	2500.000	2934.491	408955.01	1.0256	P	0.3
4	☐	6250.000	7145.798	967784.08	2.4907	P	0.6
5	☐	12500.000	13813.246	1882243.29	4.8103	A	2.0
6	☐	25000.000	27222.278	3710364.42	9.4753	A	1.4
7	☐	50000.000	53181.621	7208573.43	18.5066	A	0.9
8	☐	250000.00	249049.04	31870220.08	86.6492	A	1.0

$$y = 3.4790E-004 * x + 0.0047$$

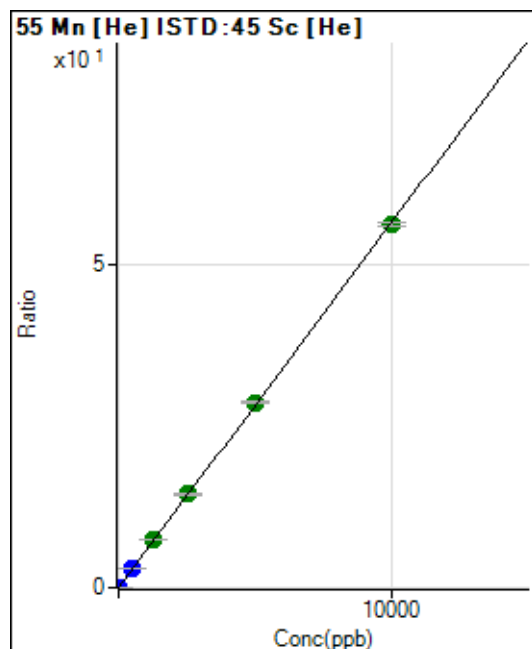
$$R = 0.9999$$

$$DL = 1.604$$

$$BEC = 13.39$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	134.45	0.0003	P	21.8
2	☐	1.000	1.105	2669.15	0.0066	P	2.2
3	☐	500.000	523.871	1180452.82	2.9603	P	0.2
4	☐	1250.000	1296.046	2845590.86	7.3233	A	0.2
5	☐	2500.000	2556.526	5652442.76	14.4453	A	1.2
6	☐	5000.000	5082.123	11244200.25	28.7155	A	1.7
7	☐	10000.000	9937.857	21871394.67	56.1514	A	1.1
8	☐			11314.35	0.0308	P	2.1

$$y = 0.0057 * x + 3.2976E-004$$

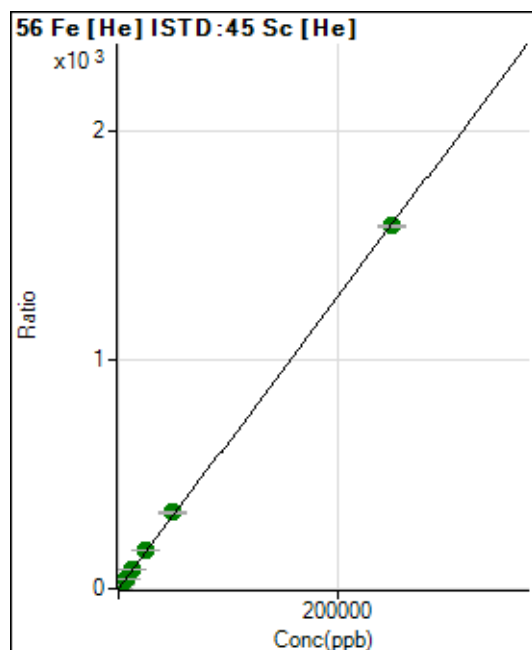
$$R = 0.9999$$

$$DL = 0.03816$$

$$BEC = 0.05836$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10785.05	0.0265	P	1.0
2	☐	50.000	55.297	153388.94	0.3779	P	0.3
3	☐	2500.000	2778.894	7052346.70	17.6856	A	0.8
4	☐	6250.000	6782.453	16757761.70	43.1271	A	0.5
5	☐	12500.000	13541.511	33683431.16	86.0791	A	0.8
6	☐	25000.000	26843.281	66806147.34	170.6082	A	1.4
7	☐	50000.000	52590.295	130166392.5	334.2235	A	1.9
8	☐	250000.00	249229.43	582540591.3	1,583.811	A	0.7

$$y = 0.0064 * x + 0.0265$$

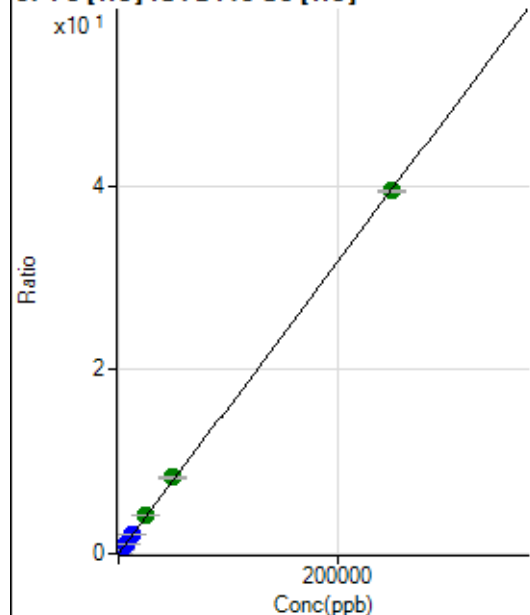
$$R = 0.9999$$

$$DL = 0.1208$$

$$BEC = 4.166$$

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	367.79	0.0009	P	14.4
2	☐	50.000	54.658	3878.31	0.0096	P	3.7
3	☐	2500.000	2845.247	179963.36	0.4513	P	0.2
4	☐	6250.000	6932.744	426780.27	1.0984	P	0.6
5	☐	12500.000	13736.050	851233.14	2.1753	P	0.6
6	☐	25000.000	26562.694	1646987.30	4.2058	A	0.7
7	☐	50000.000	52216.565	3219782.18	8.2668	A	1.5
8	☐	250000.00	249318.09	14516365.34	39.4682	A	0.7

$$y = 1.5830E-004 * x + 9.0306E-004$$

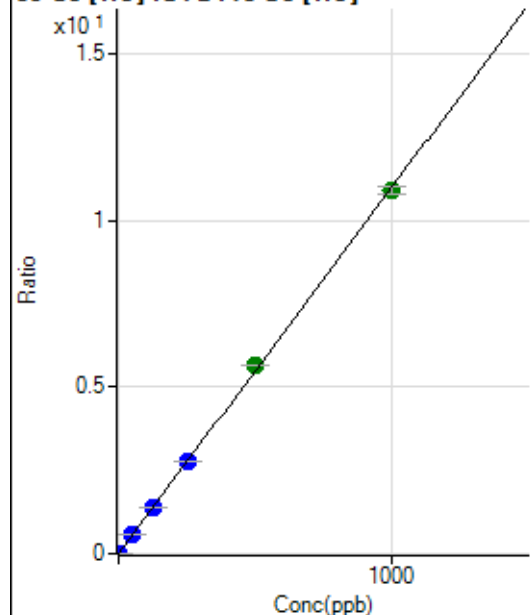
$$R = 0.9999$$

$$DL = 2.462$$

$$BEC = 5.705$$

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	36.67	0.0001	P	9.6
2	☐	1.000	1.035	4648.54	0.0115	P	0.9
3	☐	50.000	51.728	226557.56	0.5682	P	0.1
4	☐	125.000	126.947	541722.77	1.3942	P	0.9
5	☐	250.000	251.344	1080167.03	2.7603	P	0.2
6	☐	500.000	515.252	2215809.01	5.6585	A	0.9
7	☐	1000.000	991.708	4241413.27	10.8909	A	2.2
8	☐			4360.67	0.0119	P	2.2

$$y = 0.0110 * x + 9.0031E-005$$

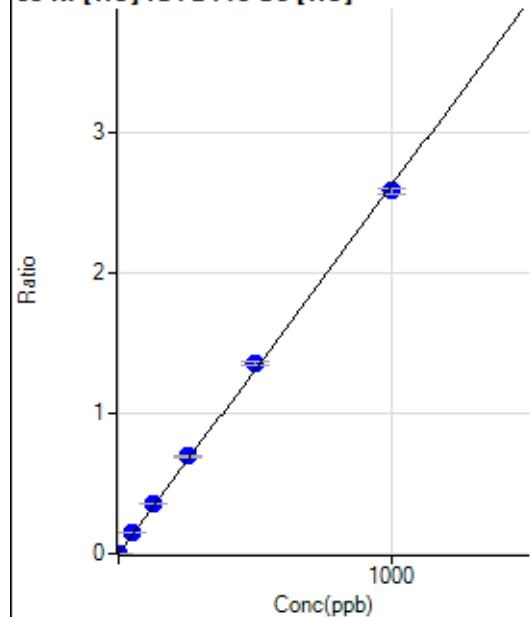
$$R = 0.9998$$

$$DL = 0.002371$$

$$BEC = 0.008198$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	204.45	0.0005	P	20.2
2	☐	1.000	1.063	1334.52	0.0033	P	3.1
3	☐	50.000	58.723	61592.34	0.1545	P	0.8
4	☐	125.000	133.913	136611.79	0.3516	P	0.8
5	☐	250.000	264.143	271184.21	0.6930	P	0.6
6	☐	500.000	517.659	531620.46	1.3577	P	1.6
7	☐	1000.000	986.084	1007041.37	2.5857	P	1.9
8	☐			2656.93	0.0072	P	1.7

$$y = 0.0026 * x + 5.0198E-004$$

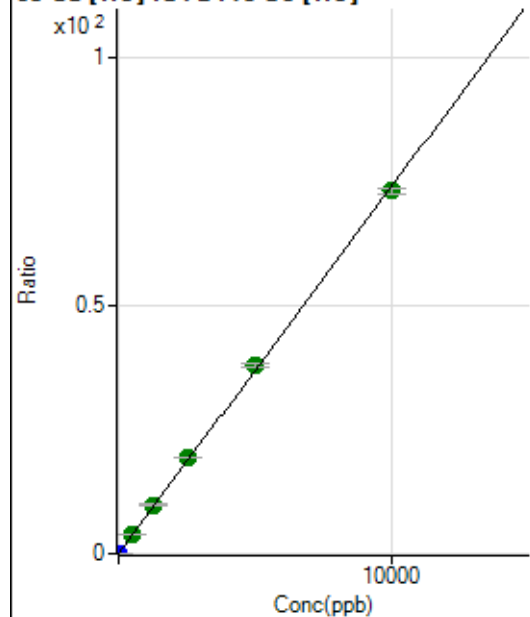
$$R = 0.9996$$

$$DL = 0.1159$$

$$BEC = 0.1915$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1056.71	0.0026	P	7.7
2	☐	2.000	2.112	7387.44	0.0182	P	4.2
3	☐	500.000	538.858	1589216.80	3.9854	A	0.9
4	☐	1250.000	1328.099	3815158.97	9.8188	A	1.3
5	☐	2500.000	2607.345	7542233.78	19.2740	A	0.9
6	☐	5000.000	5156.071	14923400.19	38.1122	A	2.0
7	☐	10000.000	9883.423	28452608.47	73.0530	A	1.6
8	☐			5947.91	0.0162	P	1.8

$$y = 0.0074 * x + 0.0026$$

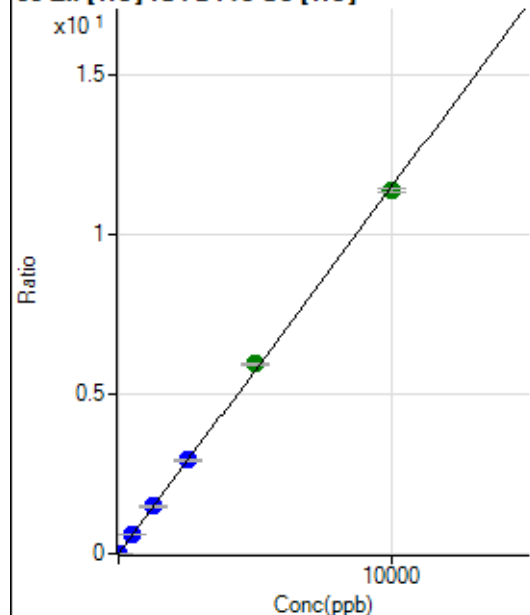
$$R = 0.9997$$

$$DL = 0.08096$$

$$BEC = 0.3509$$

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	205.56	0.0005	P	8.4
2	☐	2.000	2.315	1283.40	0.0032	P	4.9
3	☐	500.000	520.965	238607.20	0.5984	P	0.2
4	☐	1250.000	1288.240	574637.39	1.4789	P	0.9
5	☐	2500.000	2551.692	1146059.88	2.9289	P	1.2
6	☐	5000.000	5178.776	2327448.82	5.9437	A	1.4
7	☐	10000.000	9891.861	4421777.71	11.3525	A	1.2
8	☐			3074.79	0.0084	P	2.0

$$y = 0.0011 * x + 5.0442E-004$$

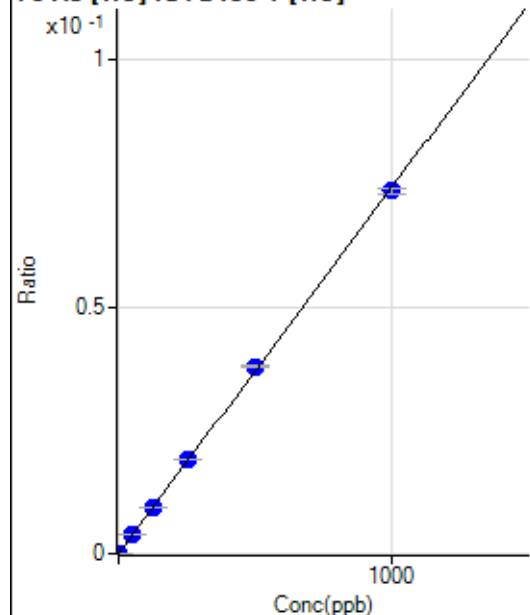
$$R = 0.9997$$

$$DL = 0.1113$$

$$BEC = 0.4395$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.068	325.56	0.0001	P	8.0
3	☐	50.000	52.240	15546.00	0.0039	P	0.7
4	☐	125.000	127.721	37515.11	0.0095	P	1.3
5	☐	250.000	257.061	76357.05	0.0190	P	0.9
6	☐	500.000	512.131	152243.61	0.0379	P	0.9
7	☐	1000.000	991.717	295129.11	0.0735	P	1.3
8	☐			76.67	0.0000	P	6.9

$$y = 7.4068E-005 * x + 2.6938E-007$$

$$R = 0.9999$$

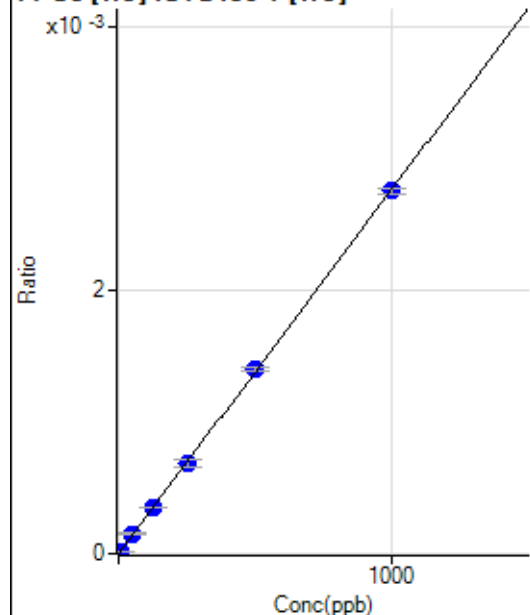
$$DL = 0.0189$$

$$BEC = 0.003637$$

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	4.813	54.44	0.0000	P	24.1
3	☐	50.000	55.353	614.46	0.0002	P	2.7
4	☐	125.000	126.715	1388.97	0.0004	P	2.5
5	☐	250.000	247.485	2742.50	0.0007	P	7.5
6	☐	500.000	505.992	5612.22	0.0014	P	2.0
7	☐	1000.000	997.152	11074.22	0.0028	P	1.9
8	☐			10.00	0.0000	P	0.7

$$y = 2.7633\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 1.0000$$

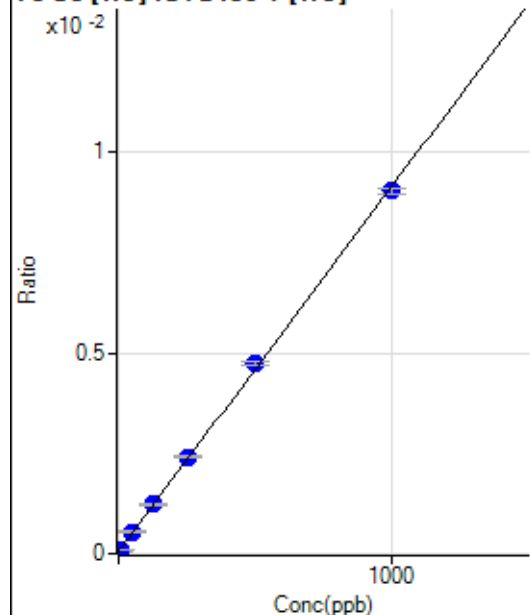
$$DL = 0$$

$$BEC = 0$$

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	234.45	0.0001	P	15.1
2	☐	5.000	5.028	418.90	0.0001	P	12.0
3	☐	50.000	53.352	2174.63	0.0005	P	4.2
4	☐	125.000	128.677	4861.96	0.0012	P	1.2
5	☐	250.000	259.922	9698.80	0.0024	P	1.5
6	☐	500.000	516.524	19065.71	0.0048	P	2.0
7	☐	1000.000	988.630	36326.79	0.0090	P	1.4
8	☐			245.56	0.0001	P	16.2

$$y = 9.0871\text{E-}006 * x + 5.6562\text{E-}005$$

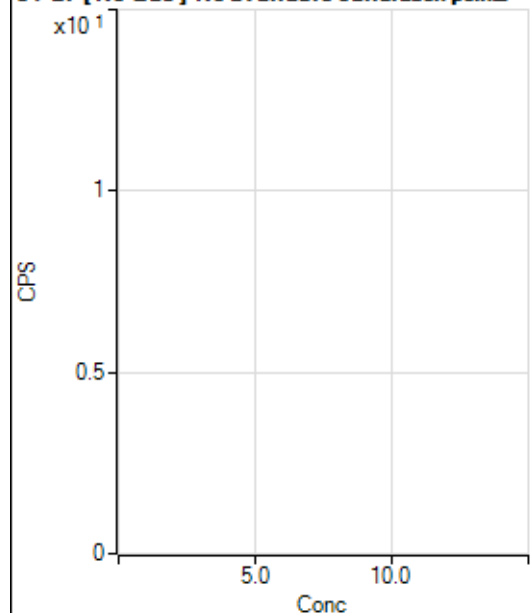
$$R = 0.9997$$

$$DL = 2.825$$

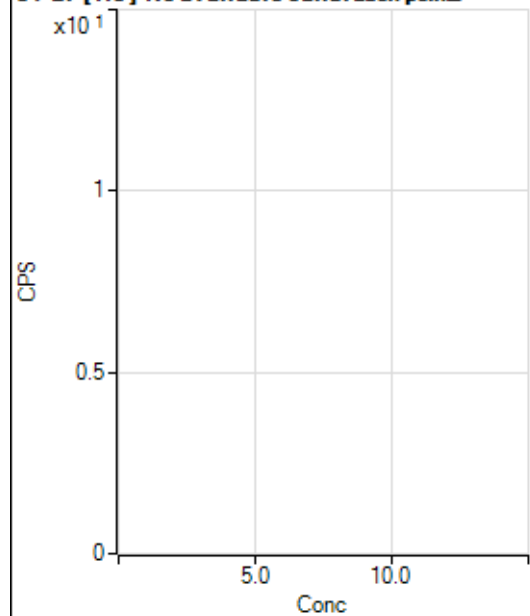
$$BEC = 6.224$$

Weight: <None>

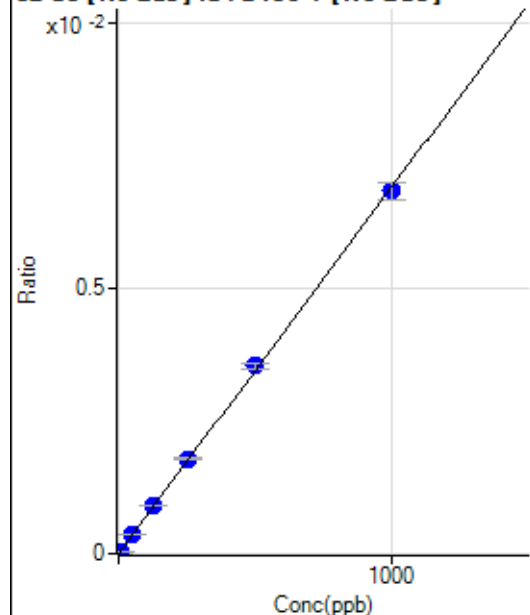
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			39297.87		P	0.9
2	☐			39285.73		P	1.7
3	☐			39218.76		P	2.0
4	☐			37045.44		P	1.6
5	☐			36707.96		P	2.4
6	☐			37269.30		P	2.3
7	☐			37875.33		P	1.4
8	☐			37495.46		P	0.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			182.23		P	9.4
2	☐			196.67		P	10.3
3	☐			190.01		P	11.0
4	☐			163.34		P	11.4
5	☐			162.23		P	16.6
6	☐			178.89		P	17.3
7	☐			178.89		P	14.0
8	☐			203.34		P	18.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.41	0.0000	P	17.9
2	☐	5.000	5.140	607.84	0.0000	P	4.7
3	☐	50.000	51.317	5677.03	0.0004	P	3.8
4	☐	125.000	129.811	13948.93	0.0009	P	0.8
5	☐	250.000	259.408	27806.86	0.0018	P	1.1
6	☐	500.000	512.872	56046.49	0.0035	P	2.6
7	☐	1000.000	990.544	108712.68	0.0068	P	4.5
8	☐			196.22	0.0000	P	29.2

$$y = 6.9081E-006 * x + 3.0038E-006$$

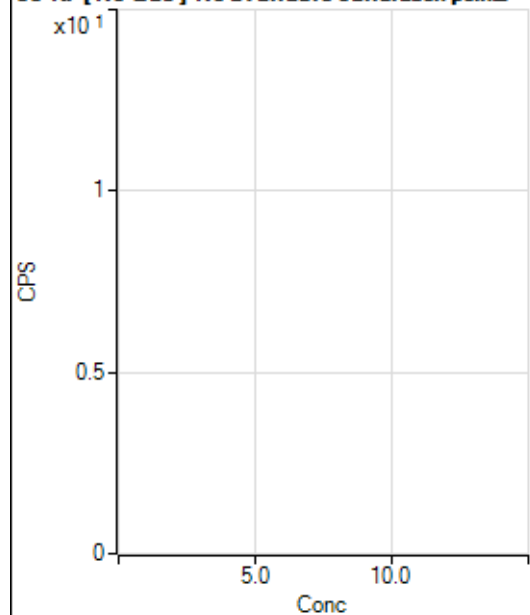
$$R = 0.9998$$

$$DL = 0.233$$

$$BEC = 0.4348$$

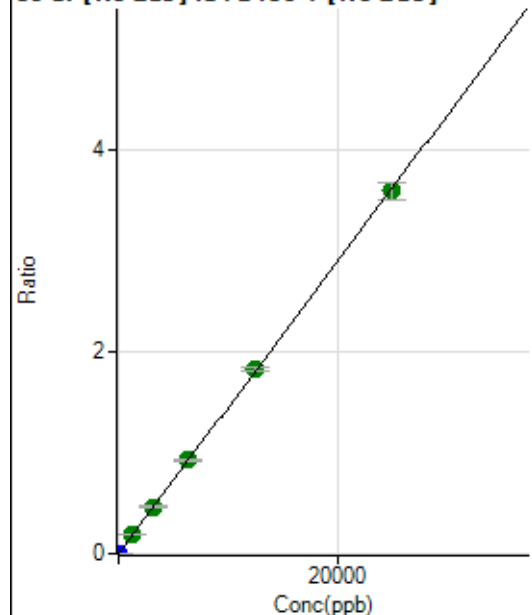
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			115.56		P	19.2
2	☐			122.22		P	1.6
3	☐			131.12		P	5.3
4	☐			110.00		P	23.7
5	☐			136.67		P	18.4
6	☐			122.23		P	11.4
7	☐			147.78		P	13.8
8	☐			173.33		P	20.3

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0000	P	17.9
2	☐	1.000	1.009	2515.80	0.0002	P	2.2
3	☐	1250.000	1284.428	2946126.10	0.1855	A	3.4
4	☐	3125.000	3204.841	7175768.85	0.4629	A	1.9
5	☐	6250.000	6403.636	14326990.62	0.9249	A	1.1
6	☐	12500.000	12643.787	28865123.18	1.8261	A	2.1
7	☐	25000.000	24877.996	57057964.70	3.5931	A	4.7
8	☐			19228.24	0.0013	P	6.9

$$y = 1.4443\text{E-}004 * x + 1.3707\text{E-}005$$

$$R = 1.0000$$

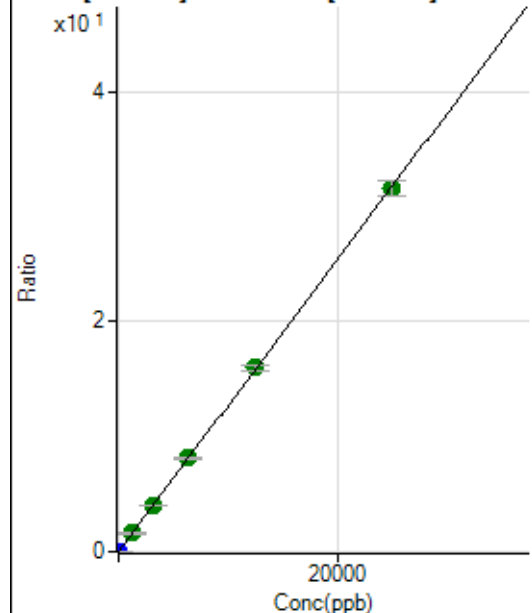
$$DL = 0.05096$$

$$BEC = 0.0949$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	164.45	0.0000	P	7.9
2	☐	1.000	0.990	19969.18	0.0013	P	1.9
3	☐	1250.000	1258.684	25341203.79	1.5957	A	3.3
4	☐	3125.000	3195.014	62792470.73	4.0504	A	2.1
5	☐	6250.000	6426.096	126197008.1	8.1466	A	1.1
6	☐	12500.000	12628.414	253040625.1	16.0095	A	2.8
7	☐	25000.000	24882.583	500969756.9	31.5446	A	4.2
8	☐			163927.01	0.0114	P	6.8

$$y = 0.0013 * x + 1.0443\text{E-}005$$

$$R = 1.0000$$

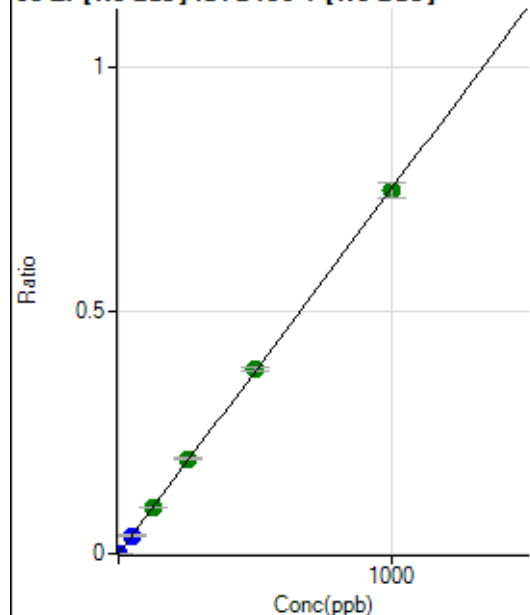
$$DL = 0.001956$$

$$BEC = 0.008238$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	483.35	0.0000	P	2.3
2	☐	1.000	0.959	11843.76	0.0008	P	0.9
3	☐	50.000	49.722	593111.65	0.0374	P	3.6
4	☐	125.000	126.073	1467460.19	0.0947	A	1.2
5	☐	250.000	259.456	3017040.89	0.1948	A	1.8
6	☐	500.000	506.892	6013987.69	0.3805	A	2.6
7	☐	1000.000	994.070	11849849.96	0.7461	A	4.1
8	☐			3793.86	0.0003	P	8.4

$$y = 7.5056E-004 * x + 3.0723E-005$$

$$R = 0.9999$$

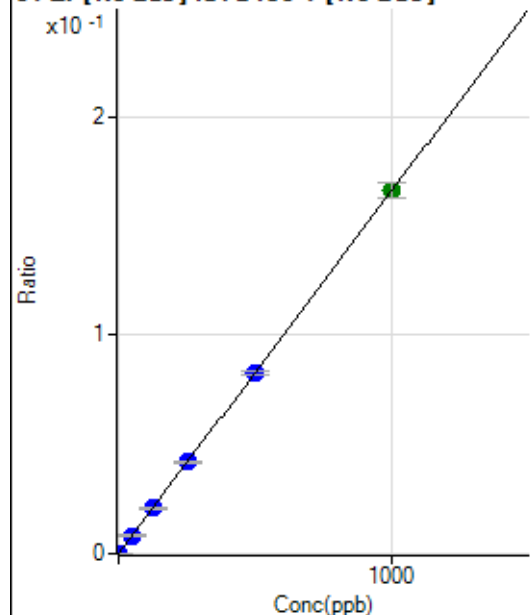
$$DL = 0.002855$$

$$BEC = 0.04093$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.33	0.0000	P	5.7
2	☐	1.000	0.946	2565.81	0.0002	P	3.8
3	☐	50.000	49.964	131868.48	0.0083	P	3.8
4	☐	125.000	125.404	323002.97	0.0208	P	1.6
5	☐	250.000	254.013	653663.87	0.0422	P	2.0
6	☐	500.000	496.867	1304597.82	0.0825	P	2.3
7	☐	1000.000	1000.514	2639324.20	0.1662	A	4.3
8	☐			826.70	0.0001	P	9.4

$$y = 1.6610E-004 * x + 5.3013E-006$$

$$R = 1.0000$$

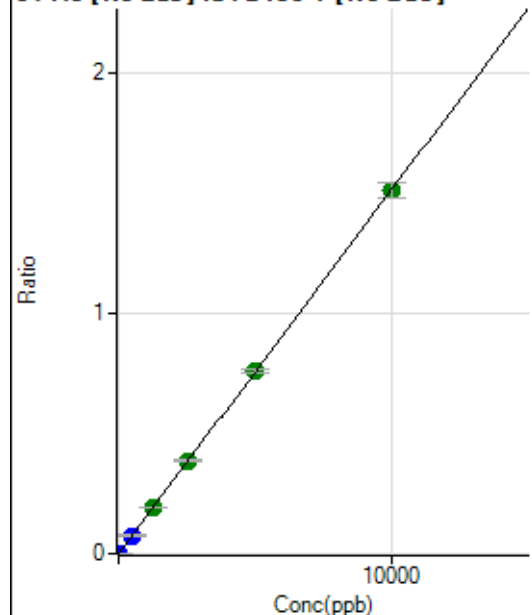
$$DL = 0.005457$$

$$BEC = 0.03192$$

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	158.89	0.0000	P	13.2
2	☐	5.000	5.654	13688.71	0.0009	P	1.4
3	☐	500.000	497.163	1196720.67	0.0754	P	4.1
4	☐	1250.000	1268.972	2981926.83	0.1924	A	2.1
5	☐	2500.000	2551.482	5990875.33	0.3868	A	1.6
6	☐	5000.000	5024.005	12036827.60	0.7615	A	2.3
7	☐	10000.000	9972.897	24006846.86	1.5117	A	4.2
8	☐			7187.39	0.0005	P	7.5

$$y = 1.5158\text{E-}004 * x + 1.0115\text{E-}005$$

$$R = 1.0000$$

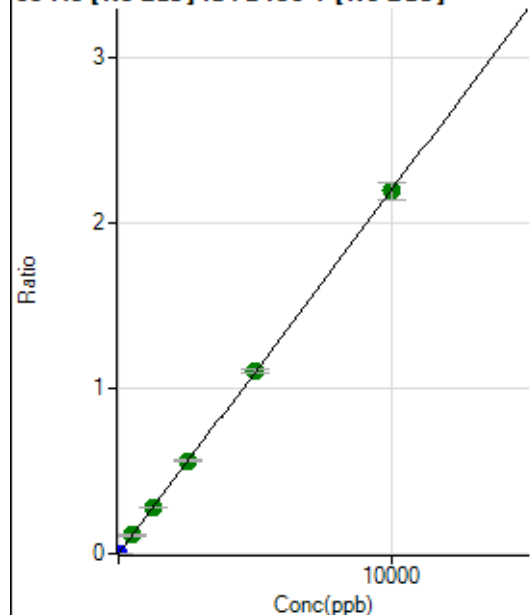
$$DL = 0.02648$$

$$BEC = 0.06673$$

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	44.44	0.0000	P	6.9
2	☐	5.000	4.857	16873.15	0.0011	P	3.1
3	☐	500.000	509.177	1775329.18	0.1118	A	2.7
4	☐	1250.000	1258.258	4282286.26	0.2762	A	1.6
5	☐	2500.000	2550.113	8672200.08	0.5598	A	1.4
6	☐	5000.000	5010.240	17385069.46	1.0999	A	2.5
7	☐	10000.000	9980.861	34792865.87	2.1911	A	4.9
8	☐			9021.76	0.0006	P	9.0

$$y = 2.1953\text{E-}004 * x + 2.8283\text{E-}006$$

$$R = 1.0000$$

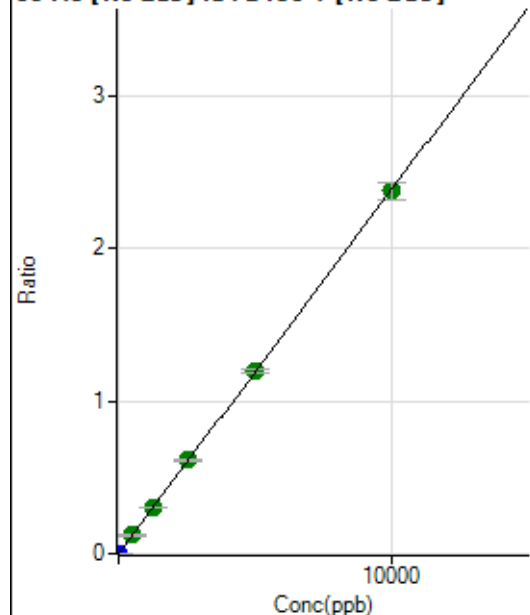
$$DL = 0.00266$$

$$BEC = 0.01288$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	36.1
2	☐	5.000	4.915	18564.07	0.0012	P	2.2
3	☐	500.000	508.151	1922527.66	0.1211	A	3.7
4	☐	1250.000	1261.987	4661215.80	0.3007	A	1.0
5	☐	2500.000	2564.347	9463810.14	0.6110	A	2.3
6	☐	5000.000	5028.296	18934589.86	1.1980	A	2.7
7	☐	10000.000	9967.859	37710365.27	2.3748	A	4.8
8	☐			23836.23	0.0017	P	2.1

$$y = 2.3825\text{E-}004 * x + 5.1239\text{E-}006$$

$$R = 1.0000$$

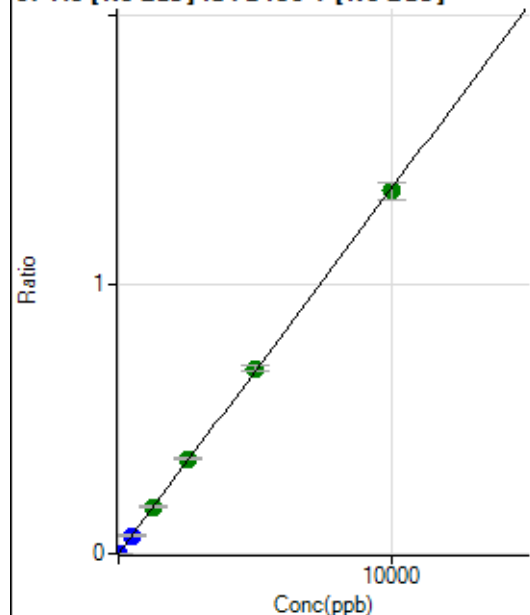
$$DL = 0.0233$$

$$BEC = 0.02151$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	130.
2	☐	5.000	4.929	10566.13	0.0007	P	0.7
3	☐	500.000	498.548	1073885.47	0.0676	P	3.7
4	☐	1250.000	1286.861	2706213.00	0.1746	A	1.9
5	☐	2500.000	2591.001	5444226.86	0.3515	A	1.6
6	☐	5000.000	5075.404	10881795.60	0.6885	A	2.6
7	☐	10000.000	9935.013	21399967.46	1.3477	A	4.8
8	☐			5767.88	0.0004	P	15.3

$$y = 1.3565\text{E-}004 * x + 7.9111\text{E-}007$$

$$R = 0.9999$$

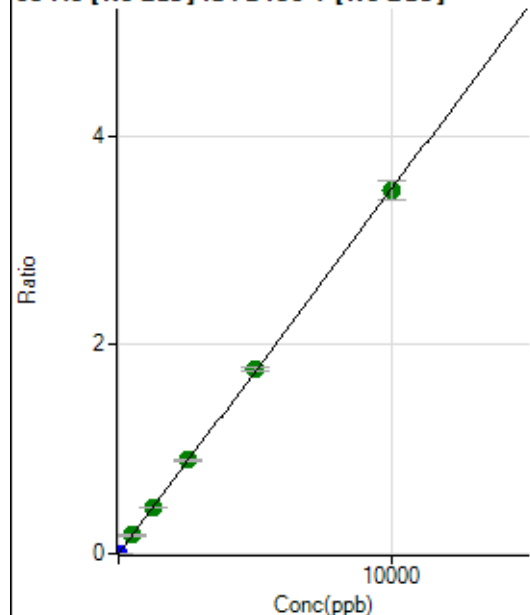
$$DL = 0.02285$$

$$BEC = 0.005832$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	43.33	0.0000	P	39.9
2	☐	5.000	4.847	26736.71	0.0017	P	0.5
3	☐	500.000	507.447	2811643.70	0.1770	A	2.6
4	☐	1250.000	1274.529	6893120.73	0.4446	A	1.5
5	☐	2500.000	2562.516	13847260.90	0.8940	A	2.2
6	☐	5000.000	5059.692	27900516.25	1.7651	A	2.4
7	☐	10000.000	9951.087	55120800.85	3.4716	A	5.3
8	☐			13566.45	0.0009	P	9.6

$$y = 3.4886E-004 * x + 2.7548E-006$$

$$R = 1.0000$$

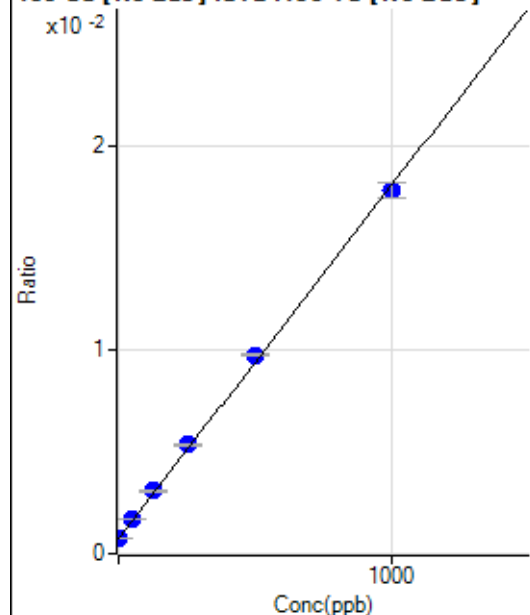
$$DL = 0.009453$$

$$BEC = 0.007896$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7247.42	0.0007	P	1.3
2	☐	1.000	1.851	7623.17	0.0008	P	2.8
3	☐	50.000	54.167	16974.45	0.0017	P	1.3
4	☐	125.000	135.641	30823.86	0.0031	P	1.2
5	☐	250.000	266.290	54730.48	0.0053	P	1.5
6	☐	500.000	520.204	100349.36	0.0098	P	1.2
7	☐	1000.000	984.286	186871.76	0.0178	P	4.1
8	☐			6867.24	0.0007	P	1.4

$$y = 1.7359E-005 * x + 7.2676E-004$$

$$R = 0.9995$$

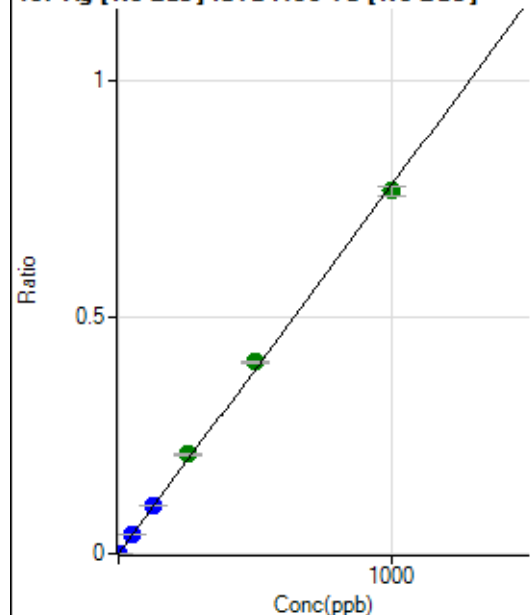
$$DL = 1.678$$

$$BEC = 41.87$$

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	80.00	0.0000	P	12.9
2	☐	1.000	1.051	8291.32	0.0008	P	3.3
3	☐	50.000	52.720	417369.70	0.0410	P	4.7
4	☐	125.000	130.496	1015375.18	0.1015	P	1.2
5	☐	250.000	268.937	2140159.57	0.2092	A	1.2
6	☐	500.000	519.480	4155519.18	0.4040	A	1.4
7	☐	1000.000	984.703	8036333.84	0.7659	A	2.8
8	☐			3566.03	0.0004	P	6.8

$$y = 7.7776E-004 * x + 8.0342E-006$$

$$R = 0.9995$$

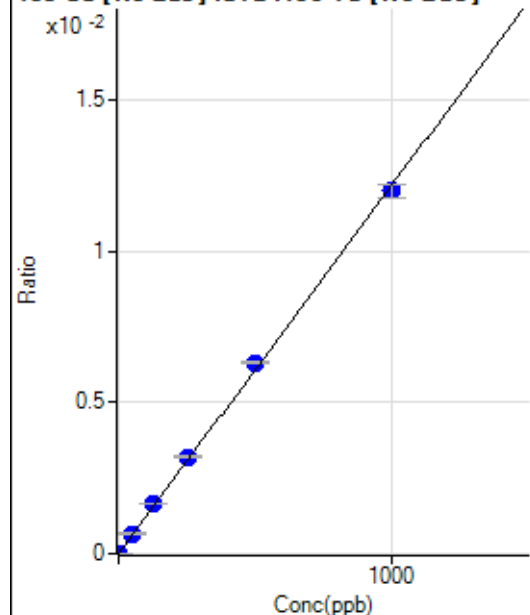
$$DL = 0.003982$$

$$BEC = 0.01033$$

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	15.56	0.0000	P	48.3
2	☐	1.000	1.217	164.45	0.0000	P	5.4
3	☐	50.000	54.721	6800.54	0.0007	P	2.3
4	☐	125.000	135.753	16553.99	0.0017	P	1.8
5	☐	250.000	263.446	32842.74	0.0032	P	1.6
6	☐	500.000	518.155	64917.75	0.0063	P	1.3
7	☐	1000.000	985.981	125996.07	0.0120	P	3.7
8	☐			86.67	0.0000	P	9.3

$$y = 1.2178E-005 * x + 1.5490E-006$$

$$R = 0.9996$$

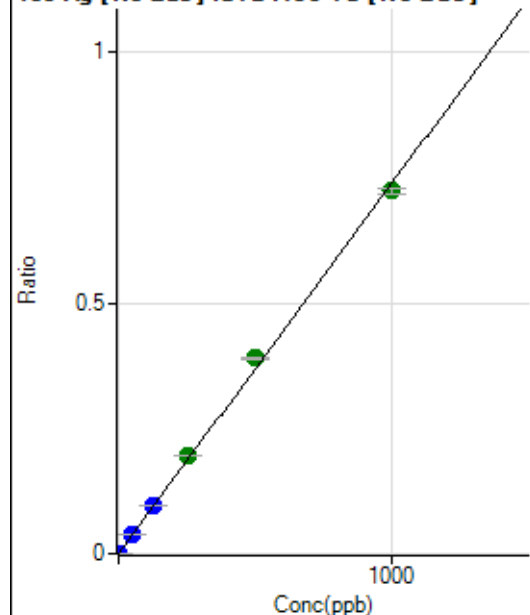
$$DL = 0.1842$$

$$BEC = 0.1272$$

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	17.78	0.0000	P	37.4
2	☐	1.000	1.067	7921.12	0.0008	P	1.6
3	☐	50.000	53.087	398468.65	0.0392	P	4.3
4	☐	125.000	131.491	970077.19	0.0970	P	0.4
5	☐	250.000	264.825	1998219.05	0.1953	A	0.4
6	☐	500.000	528.908	4011749.18	0.3901	A	1.4
7	☐	1000.000	980.874	7591399.19	0.7234	A	1.9
8	☐			3408.21	0.0004	P	4.9

$$y = 7.3748\text{E-}004 * x + 1.7725\text{E-}006$$

$$R = 0.9992$$

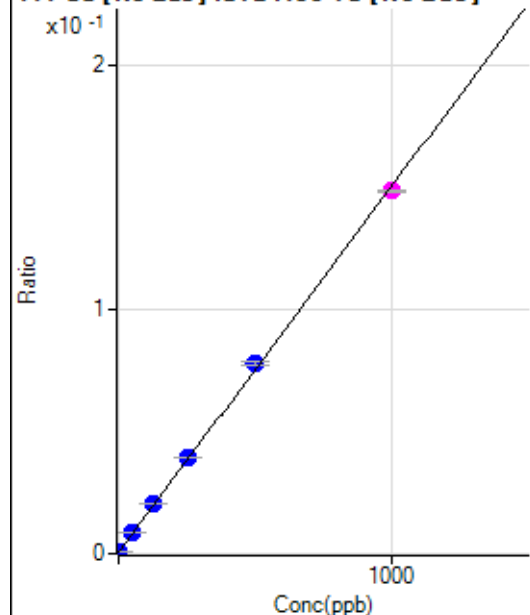
$$DL = 0.002696$$

$$BEC = 0.002403$$

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	5073.41	0.0005	P	1.5
2	☐	1.000	1.189	6902.33	0.0007	P	1.6
3	☐	50.000	53.438	86817.39	0.0085	P	3.7
4	☐	125.000	134.169	206537.03	0.0206	P	1.5
5	☐	250.000	260.398	405107.66	0.0396	P	1.2
6	☐	500.000	516.030	801836.10	0.0780	P	2.0
7	☐	1000.000	988.067	1562020.16	0.1488	M	0.7
8	☐			5334.19	0.0006	P	1.6

$$y = 1.5009\text{E-}004 * x + 5.0876\text{E-}004$$

$$R = 0.9997$$

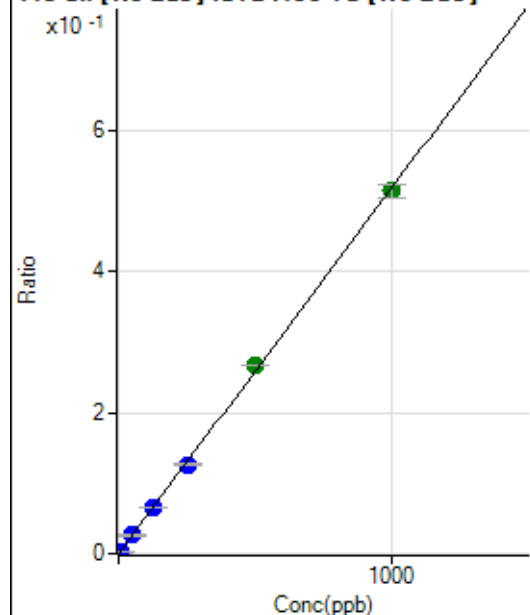
$$DL = 0.1479$$

$$BEC = 3.39$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	472.24	0.0000	P	6.1
2	☐	5.000	5.033	26614.66	0.0026	P	2.0
3	☐	50.000	50.658	267062.73	0.0262	P	4.1
4	☐	125.000	125.775	651009.07	0.0651	P	1.0
5	☐	250.000	244.433	1293600.83	0.1264	P	1.0
6	☐	500.000	516.201	2745555.30	0.2669	A	0.7
7	☐	1000.000	993.161	5388288.57	0.5136	A	3.6
8	☐			3257.07	0.0003	P	3.6

$$y = 5.1705\text{E-}004 * x + 4.7336\text{E-}005$$

$$R = 0.9998$$

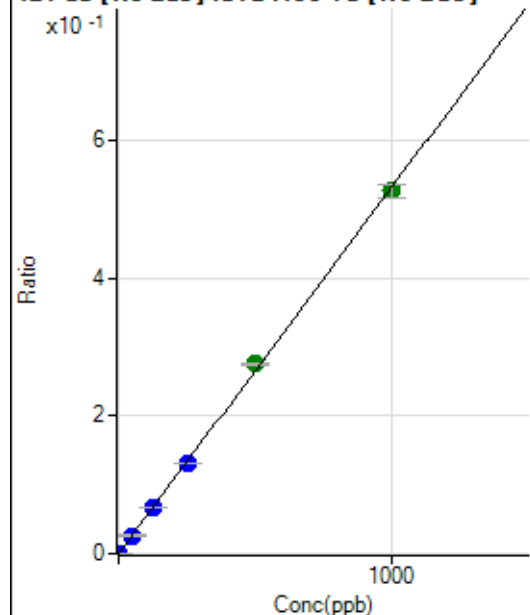
$$DL = 0.01678$$

$$BEC = 0.09155$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	31.0
2	☐	2.000	2.004	10746.33	0.0011	P	2.7
3	☐	50.000	49.605	268799.28	0.0264	P	3.5
4	☐	125.000	125.272	667093.36	0.0667	P	0.6
5	☐	250.000	246.891	1344694.57	0.1314	P	0.9
6	☐	500.000	519.213	2842600.69	0.2764	A	0.8
7	☐	1000.000	991.156	5535119.64	0.5276	A	4.0
8	☐			3995.04	0.0004	P	2.4

$$y = 5.3231\text{E-}004 * x + 3.0195\text{E-}006$$

$$R = 0.9997$$

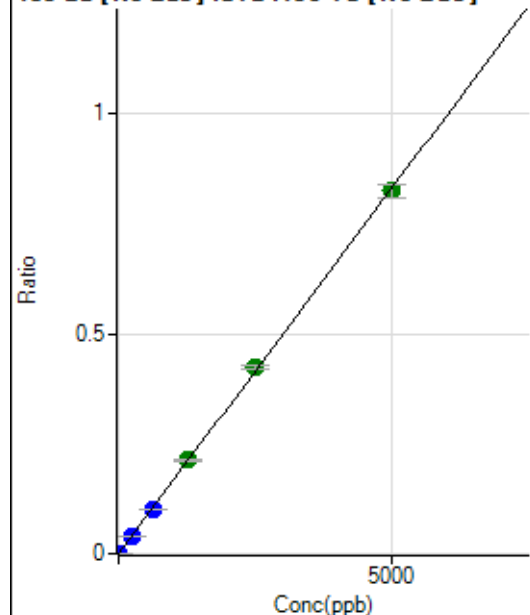
$$DL = 0.005277$$

$$BEC = 0.005672$$

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	5.56	0.0000	P	35.9
2	☐	10.000	9.681	16142.59	0.0016	P	1.3
3	☐	250.000	240.477	406233.30	0.0399	P	3.7
4	☐	625.000	604.664	1003879.13	0.1004	P	0.6
5	☐	1250.000	1278.127	2170458.63	0.2121	A	1.9
6	☐	2500.000	2551.885	4355934.07	0.4235	A	1.3
7	☐	5000.000	4970.045	8654142.51	0.8249	A	3.6
8	☐			5404.41	0.0006	P	3.4

$$y = 1.6596\text{E-}004 * x + 5.5927\text{E-}007$$

$$R = 0.9999$$

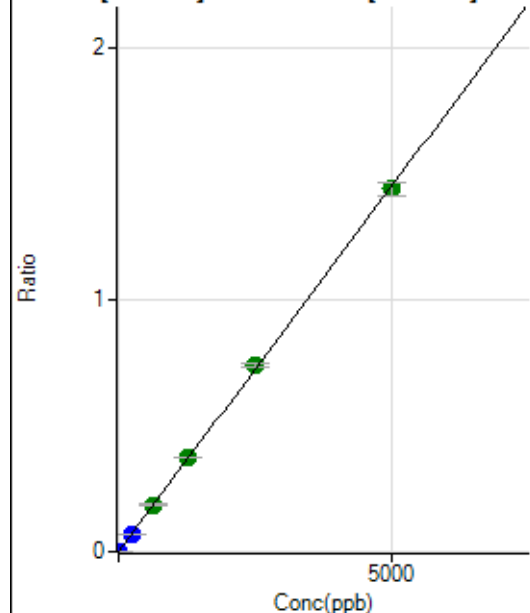
$$DL = 0.003625$$

$$BEC = 0.00337$$

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	14.44	0.0000	P	34.2
2	☐	10.000	9.433	27471.10	0.0027	P	1.0
3	☐	250.000	239.620	706727.49	0.0694	P	4.0
4	☐	625.000	643.000	1863921.55	0.1863	A	0.9
5	☐	1250.000	1285.625	3811628.83	0.3725	A	0.8
6	☐	2500.000	2546.160	7588520.37	0.7378	A	1.6
7	☐	5000.000	4966.284	15098875.75	1.4391	A	3.6
8	☐			9716.74	0.0010	P	5.7

$$y = 2.8978\text{E-}004 * x + 1.4441\text{E-}006$$

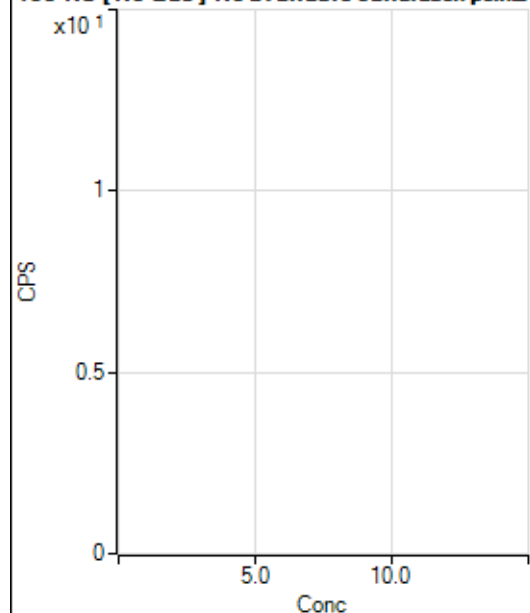
$$R = 0.9999$$

$$DL = 0.005119$$

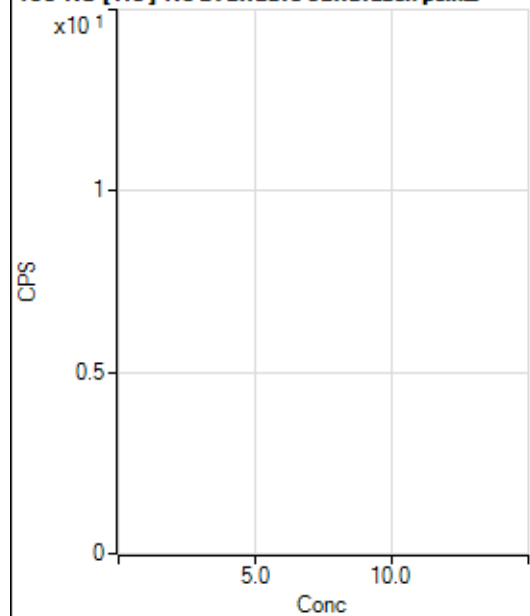
$$BEC = 0.004983$$

Weight: <None>

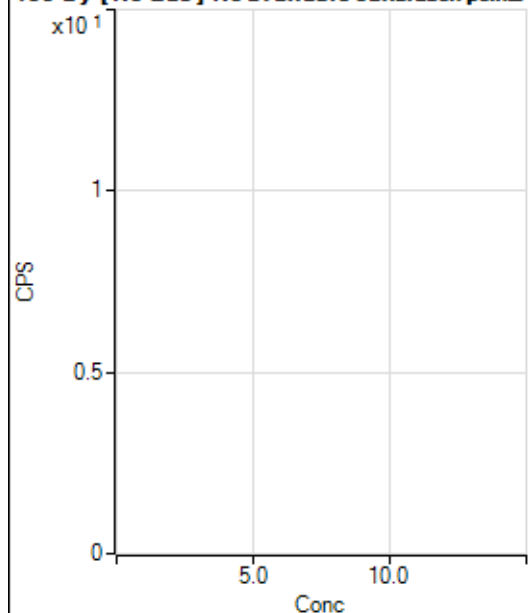
Min Conc: 0

150 Nd [No Gas] No available calibration points

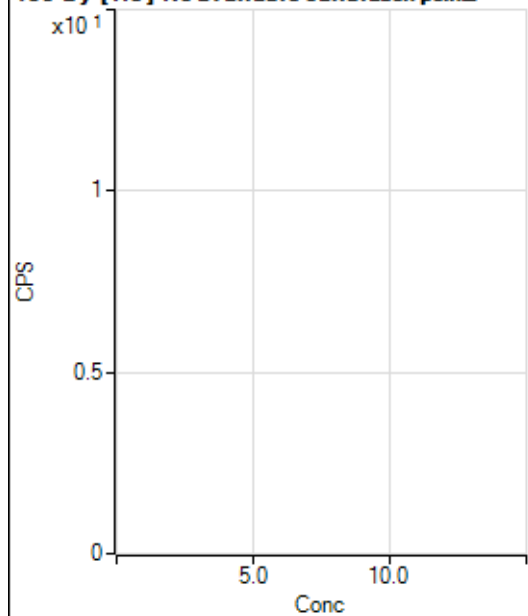
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	0.0
2	☐			7.78		P	49.5
3	☐			82.22		P	26.1
4	☐			181.12		P	18.2
5	☐			428.90		P	16.4
6	☐			856.70		P	3.5
7	☐			1641.22		P	9.1
8	☐			38.89		P	26.2

150 Nd [He] No available calibration points

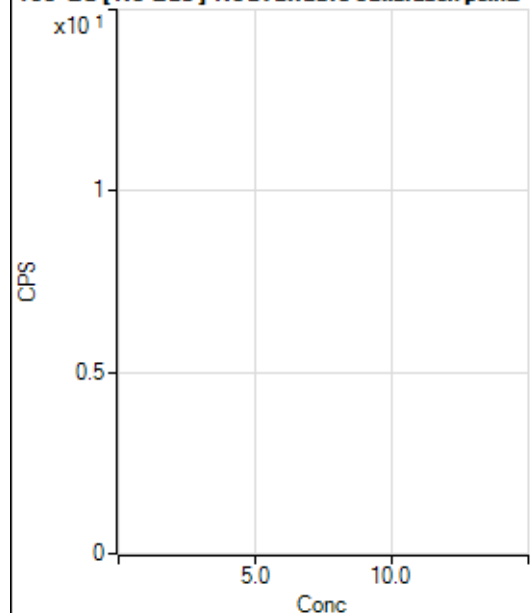
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.45		P	86.6
3	☐			20.00		P	57.7
4	☐			42.22		P	22.8
5	☐			107.78		P	24.0
6	☐			211.11		P	10.5
7	☐			322.23		P	12.6
8	☐			30.00		P	11.1

156 Dy [No Gas] No available calibration points

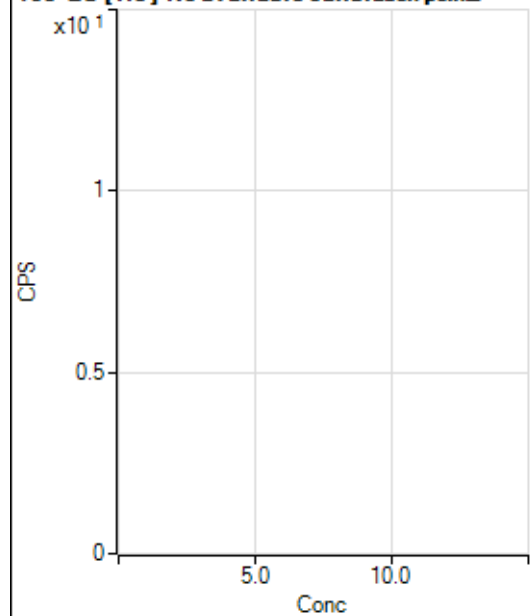
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			11.11		P	17.3
3	☐			41.11		P	20.4
4	☐			80.00		P	22.0
5	☐			168.89		P	26.1
6	☐			343.34		P	5.8
7	☐			646.69		P	2.9
8	☐			1541.21		P	1.1

156 Dy [He] No available calibration points

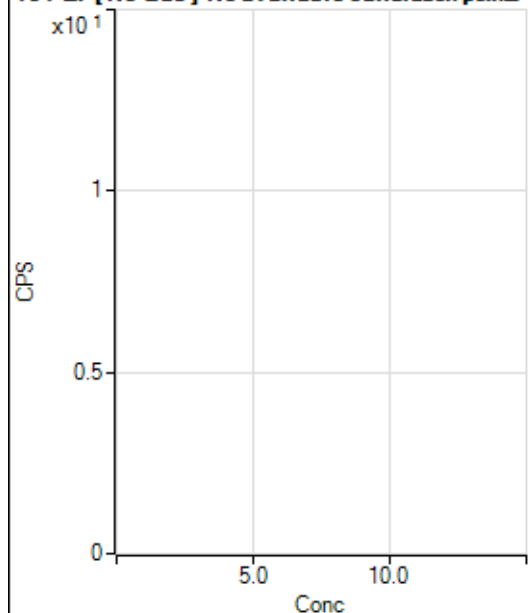
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			8.89		P	78.1
3	☐			27.78		P	27.7
4	☐			68.89		P	36.3
5	☐			161.12		P	10.4
6	☐			270.00		P	4.3
7	☐			551.13		P	10.9
8	☐			935.60		P	4.7

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

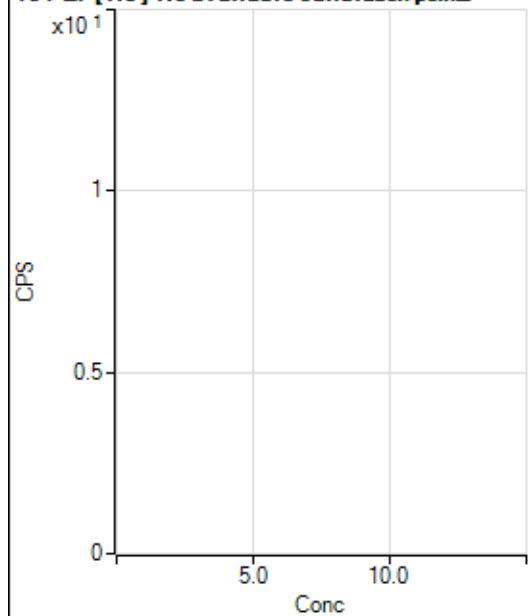
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	24.2
2	☐			61.11		P	22.1
3	☐			88.89		P	13.2
4	☐			107.78		P	6.4
5	☐			187.78		P	12.6
6	☐			307.79		P	7.4
7	☐			500.02		P	4.7
8	☐			1561.21		P	5.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			250.00		P	3.5
2	☐			261.12		P	16.5
3	☐			267.78		P	11.2
4	☐			261.12		P	13.7
5	☐			307.78		P	4.1
6	☐			410.01		P	7.8
7	☐			507.79		P	4.9
8	☐			1274.51		P	3.9

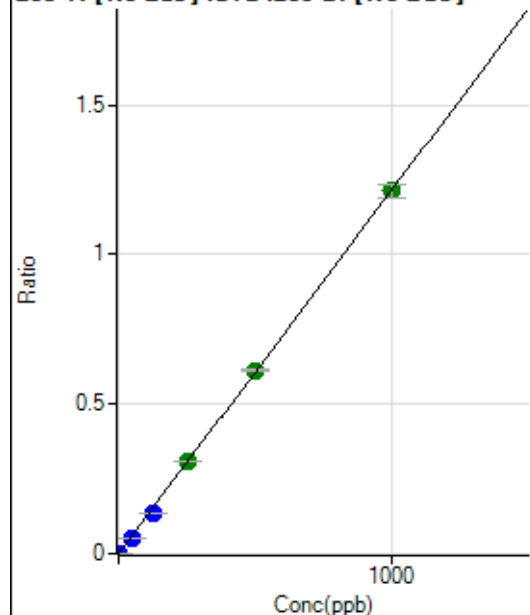
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			73.33		P	16.4
2	☐			66.67		P	31.2
3	☐			64.45		P	16.6
4	☐			84.45		P	19.9
5	☐			95.56		P	17.6
6	☐			181.11		P	12.3
7	☐			234.45		P	9.1
8	☐			136.67		P	33.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	7.7
2	☐			53.33		P	32.5
3	☐			56.67		P	25.6
4	☐			47.78		P	35.8
5	☐			64.44		P	13.0
6	☐			110.00		P	10.5
7	☐			145.56		P	13.2
8	☐			77.78		P	29.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	7.4
2	☐	1.000	0.861	6706.16	0.0011	P	0.6
3	☐	50.000	43.856	340636.16	0.0533	P	3.3
4	☐	125.000	112.313	855480.84	0.1364	P	1.3
5	☐	250.000	253.240	1951264.40	0.3075	A	1.3
6	☐	500.000	504.574	3879512.20	0.6126	A	1.7
7	☐	1000.000	998.796	7580772.73	1.2127	A	3.8
8	☐			1383.42	0.0003	P	13.4

$$y = 0.0012 * x + 7.6903E-006$$

$$R = 0.9999$$

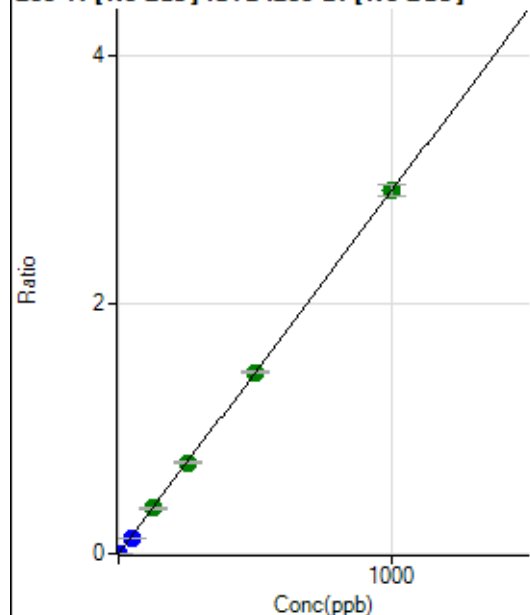
$$DL = 0.001402$$

$$BEC = 0.006334$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	5.8
2	☐	1.000	0.864	16132.96	0.0025	P	0.7
3	☐	50.000	43.556	811256.73	0.1268	P	3.0
4	☐	125.000	124.619	2276235.38	0.3628	A	0.4
5	☐	250.000	251.150	4640435.80	0.7312	A	1.0
6	☐	500.000	499.635	9211391.95	1.4547	A	1.4
7	☐	1000.000	1000.265	18206374.31	2.9123	A	3.2
8	☐			3347.12	0.0007	P	10.0

$$y = 0.0029 * x + 1.8883E-005$$

$$R = 1.0000$$

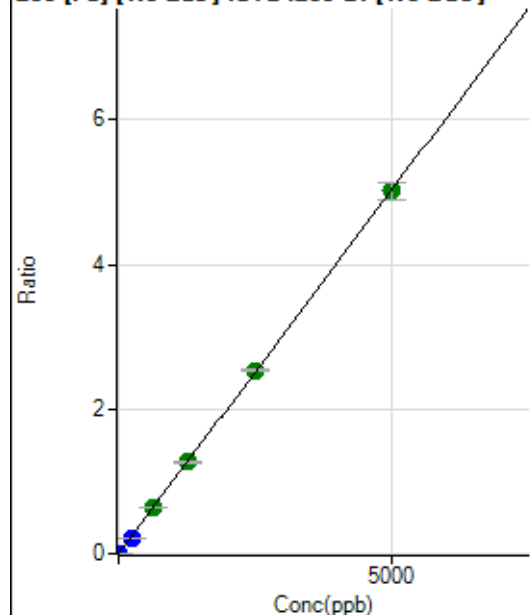
$$DL = 0.001138$$

$$BEC = 0.006486$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0000	P	1.7
2	☐	1.000	0.842	5685.69	0.0009	P	4.8
3	☐	250.000	219.496	1411480.43	0.2207	P	3.1
4	☐	625.000	632.875	3990885.11	0.6362	A	0.8
5	☐	1250.000	1257.502	8021166.96	1.2640	A	1.7
6	☐	2500.000	2515.095	16008911.56	2.5281	A	1.1
7	☐	5000.000	4991.118	31354082.31	5.0169	A	5.0
8	☐			7857.90	0.0016	P	7.4

$$y = 0.0010 * x + 4.6844E-005$$

$$R = 1.0000$$

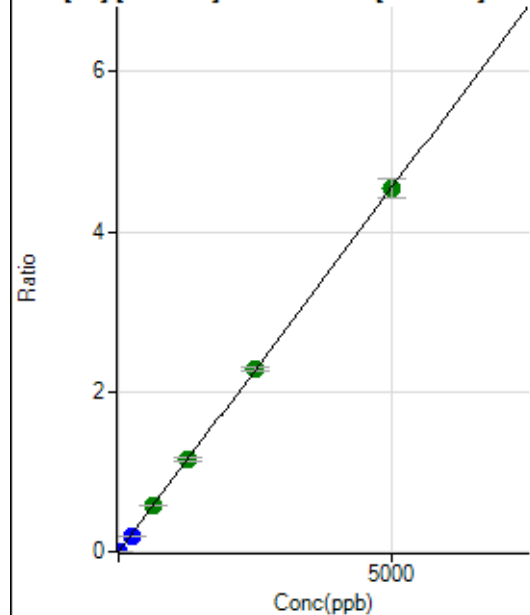
$$DL = 0.002408$$

$$BEC = 0.0466$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.00	0.0000	P	12.6
2	☐	1.000	0.821	4994.29	0.0008	P	3.5
3	☐	250.000	217.572	1265712.55	0.1979	P	3.4
4	☐	625.000	631.841	3604437.10	0.5746	A	1.9
5	☐	1250.000	1269.508	7325616.49	1.1545	A	2.9
6	☐	2500.000	2515.018	14481187.98	2.2871	A	2.5
7	☐	5000.000	4988.380	28348169.02	4.5363	A	5.4
8	☐			6782.88	0.0013	P	7.9

$$y = 9.0936E-004 * x + 3.7781E-005$$

$$R = 1.0000$$

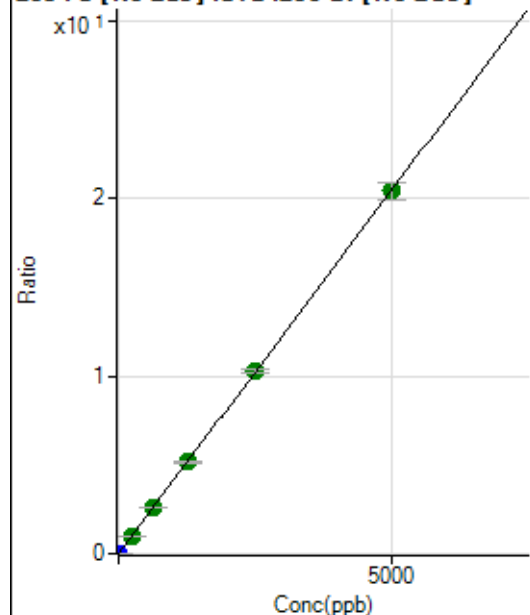
$$DL = 0.01575$$

$$BEC = 0.04155$$

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	1105.58	0.0002	P	5.8
2	☐	1.000	0.832	22759.90	0.0036	P	3.4
3	☐	250.000	233.697	6116009.81	0.9562	A	2.8
4	☐	625.000	627.472	16102464.73	2.5670	A	1.7
5	☐	1250.000	1258.810	32677042.50	5.1496	A	2.2
6	☐	2500.000	2512.136	65069805.69	10.2766	A	2.1
7	☐	5000.000	4992.236	127640277.5	20.4221	A	4.5
8	☐			31432.40	0.0062	P	6.1

$$y = 0.0041 * x + 1.7402E-004$$

$$R = 1.0000$$

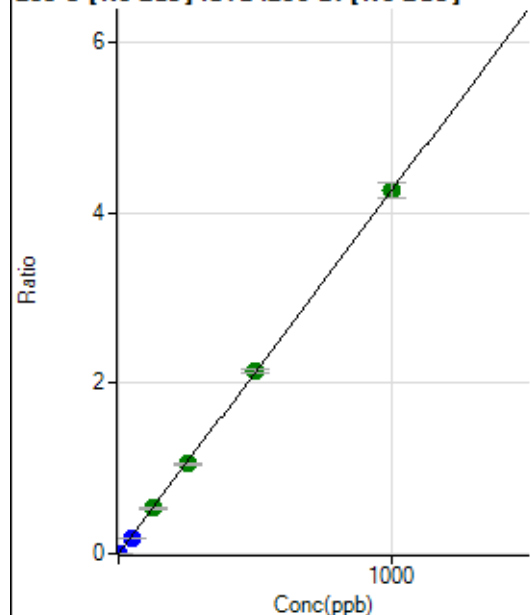
$$DL = 0.007398$$

$$BEC = 0.04254$$

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	2.22	0.0000	P	173.
2	☐	1.000	0.821	22221.95	0.0035	P	1.8
3	☐	50.000	41.715	1134603.07	0.1774	P	4.1
4	☐	125.000	125.094	3337095.68	0.5320	A	1.3
5	☐	250.000	247.155	6669099.55	1.0511	A	3.3
6	☐	500.000	502.460	13529713.13	2.1368	A	2.1
7	☐	1000.000	999.884	26577338.77	4.2521	A	4.3
8	☐			3566.07	0.0007	P	16.5

$$y = 0.0043 * x + 3.4752E-007$$

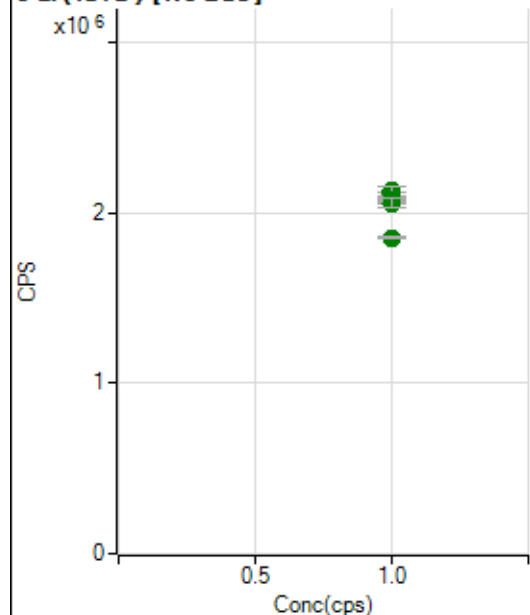
$$R = 1.0000$$

$$DL = 0.0004246$$

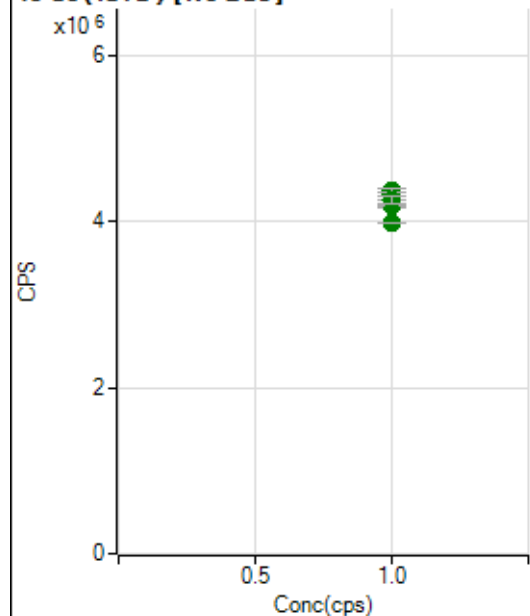
$$BEC = 8.172E-05$$

Weight: <None>

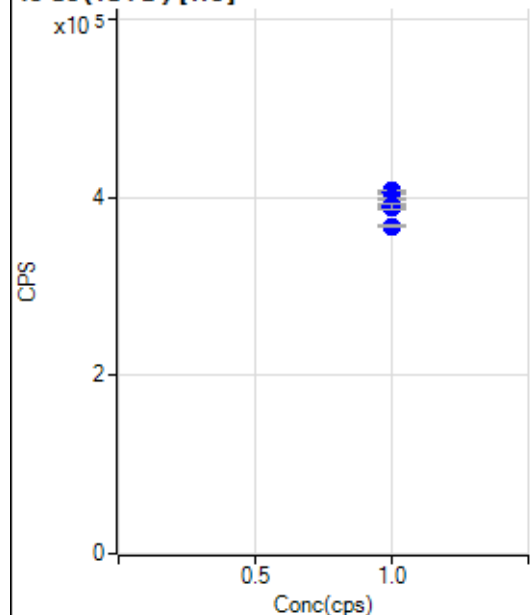
Min Conc: 0

6 Li (ISTD) [No Gas]

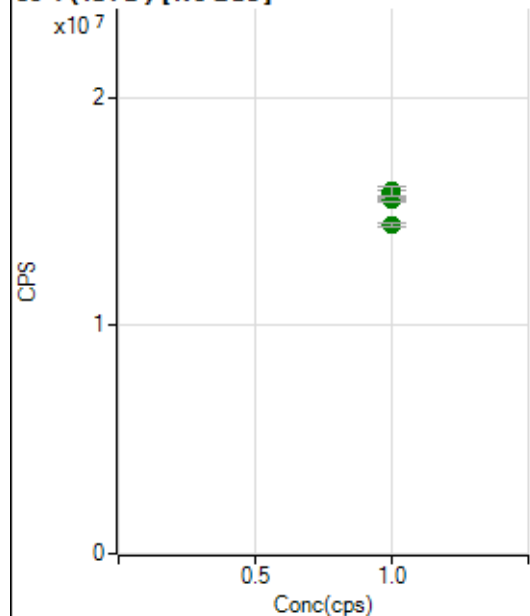
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2107368.75		A	1.0
2	☐	1.000		2121707.68		A	2.5
3	☐	1.000		2127086.13		A	2.9
4	☐	1.000		2063330.68		A	1.1
5	☐	1.000		2068959.08		A	0.6
6	☐	1.000		2059755.77		A	0.6
7	☐	1.000		2056887.97		A	2.6
8	☐	1.000		1853986.26		A	0.6

45 Sc (ISTD) [No Gas]

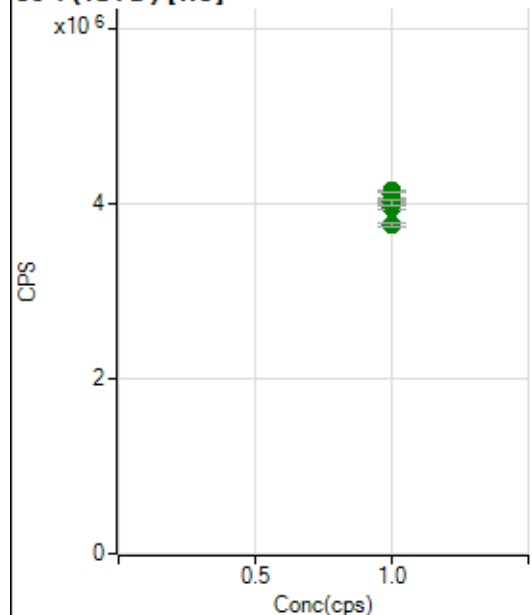
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4315830.80		A	2.0
2	☐	1.000		4331951.60		A	0.9
3	☐	1.000		4369775.35		A	1.1
4	☐	1.000		4184332.75		A	0.2
5	☐	1.000		4200920.67		A	0.6
6	☐	1.000		4221278.31		A	1.8
7	☐	1.000		4260162.54		A	2.4
8	☐	1.000		3981783.76		A	0.4

45 Sc (ISTD) [He]

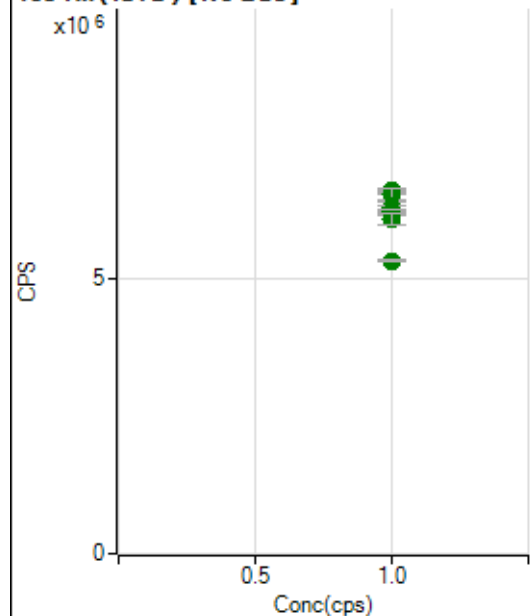
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		407411.02		P	0.5
2	☐	1.000		405922.68		P	0.6
3	☐	1.000		398760.16		P	0.3
4	☐	1.000		388569.75		P	0.7
5	☐	1.000		391324.65		P	0.8
6	☐	1.000		391613.55		P	1.0
7	☐	1.000		389556.02		P	2.0
8	☐	1.000		367808.33		P	0.7

89 Y (ISTD) [No Gas]

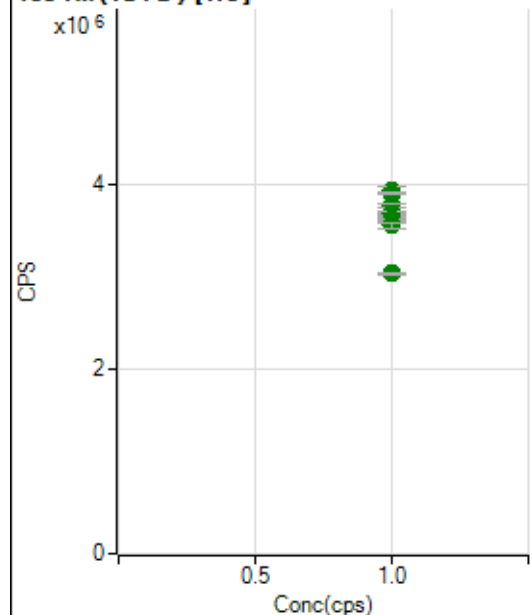
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15732152.54		A	2.7
2	☐	1.000		15786986.85		A	1.9
3	☐	1.000		15888466.85		A	2.3
4	☐	1.000		15503337.69		A	0.5
5	☐	1.000		15491388.10		A	0.8
6	☐	1.000		15809353.38		A	1.4
7	☐	1.000		15894378.93		A	3.0
8	☐	1.000		14397453.53		A	1.4

89 Y(ISTD) [He]

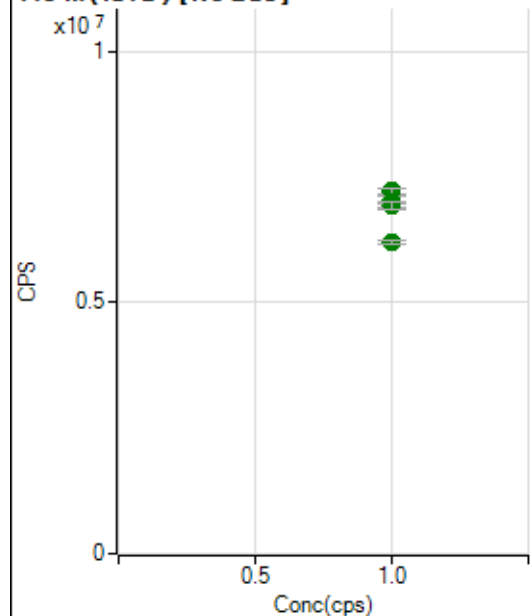
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4146533.17		A	0.7
2	☐	1.000		4100778.93		A	1.3
3	☐	1.000		4017475.70		A	0.7
4	☐	1.000		3965972.27		A	1.3
5	☐	1.000		4010275.64		A	0.2
6	☐	1.000		4013775.15		A	1.0
7	☐	1.000		4018421.19		A	1.6
8	☐	1.000		3759344.42		A	0.7

103 Rh(ISTD) [No Gas]

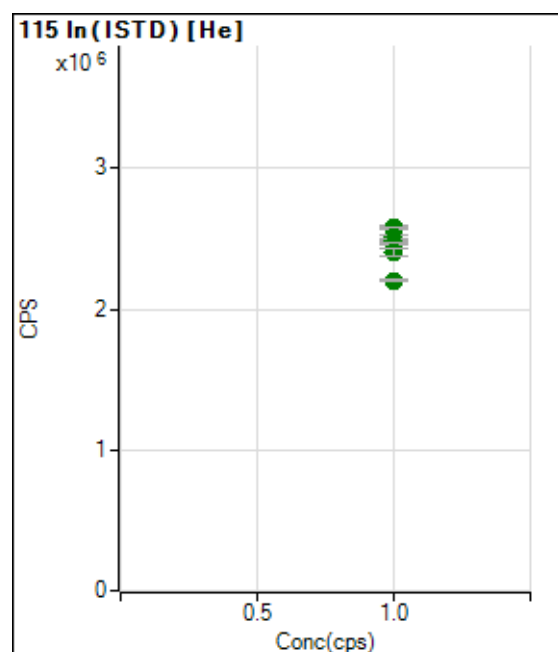
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6584246.50		A	1.4
2	☐	1.000		6565379.83		A	0.5
3	☐	1.000		6522891.71		A	3.3
4	☐	1.000		6309246.23		A	2.0
5	☐	1.000		6270278.79		A	1.6
6	☐	1.000		6198747.76		A	1.6
7	☐	1.000		6062306.16		A	3.2
8	☐	1.000		5314713.74		A	0.5

103 Rh (ISTD) [He]

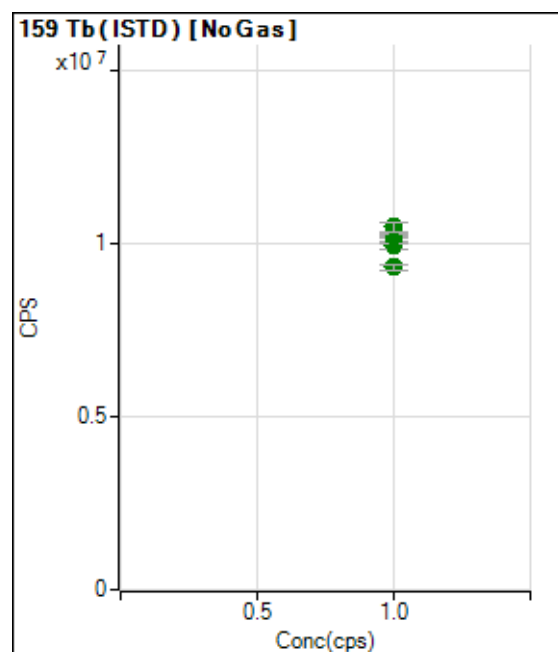
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3924711.16		A	2.1
2	☐	1.000		3897762.09		A	0.8
3	☐	1.000		3767133.66		A	0.7
4	☐	1.000		3664378.52		A	0.8
5	☐	1.000		3683987.97		A	1.4
6	☐	1.000		3616439.67		A	0.6
7	☐	1.000		3549259.84		A	1.4
8	☐	1.000		3032594.67		A	0.5

115 In (ISTD) [No Gas]

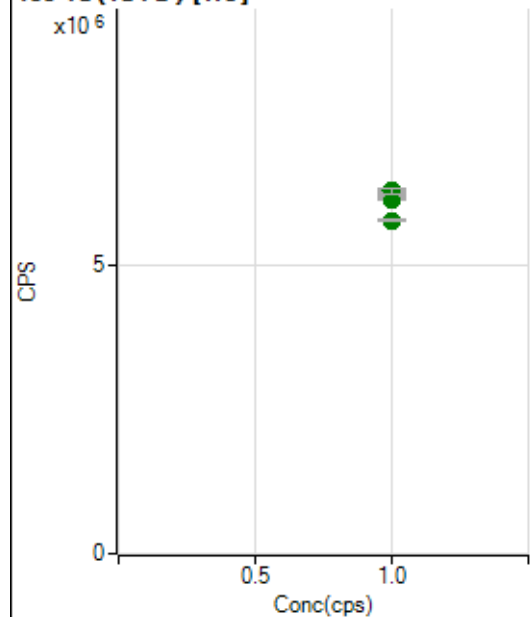
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7055887.39		A	1.8
2	☐	1.000		7217327.40		A	1.5
3	☐	1.000		7197016.56		A	1.8
4	☐	1.000		6928920.21		A	1.4
5	☐	1.000		6915359.04		A	1.2
6	☐	1.000		6983372.34		A	0.9
7	☐	1.000		6921073.86		A	2.1
8	☐	1.000		6180527.59		A	1.3



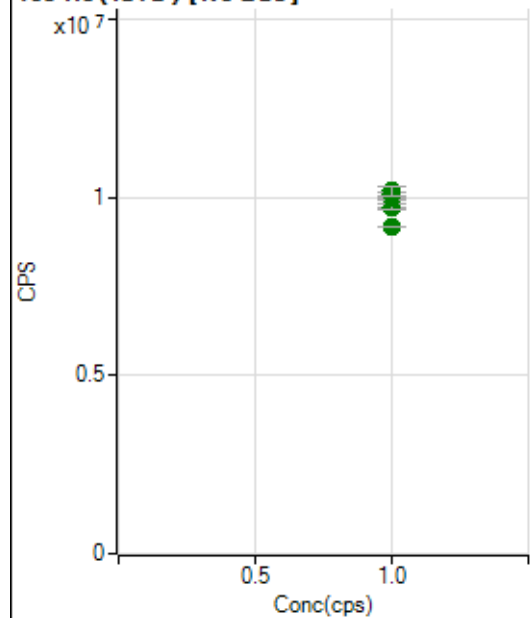
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2576298.49		A	0.9
2	☐	1.000		2574403.33		A	1.0
3	☐	1.000		2510960.03		A	1.2
4	☐	1.000		2478627.68		A	1.0
5	☐	1.000		2479812.87		A	1.0
6	☐	1.000		2460248.35		A	0.7
7	☐	1.000		2404123.34		A	2.1
8	☐	1.000		2200261.93		A	0.5



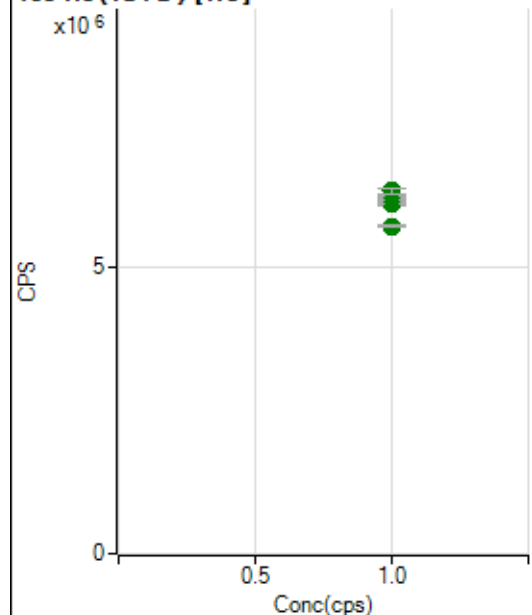
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9974054.23		A	2.2
2	☐	1.000		10044393.05		A	1.1
3	☐	1.000		10184751.17		A	2.5
4	☐	1.000		10003509.29		A	0.1
5	☐	1.000		10231342.97		A	0.6
6	☐	1.000		10285032.63		A	0.1
7	☐	1.000		10497575.81		A	2.3
8	☐	1.000		9320915.28		A	2.0

159 Tb (ISTD) [He]

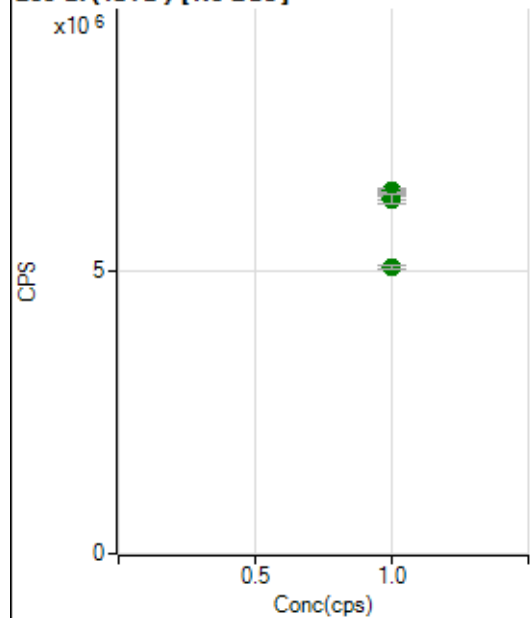
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6306749.84		A	0.1
2	☐	1.000		6217928.38		A	0.5
3	☐	1.000		6152953.73		A	0.6
4	☐	1.000		6200960.26		A	0.4
5	☐	1.000		6252046.16		A	0.8
6	☐	1.000		6261134.21		A	1.7
7	☐	1.000		6307162.96		A	1.8
8	☐	1.000		5784248.53		A	0.6

165 Ho (ISTD) [No Gas]

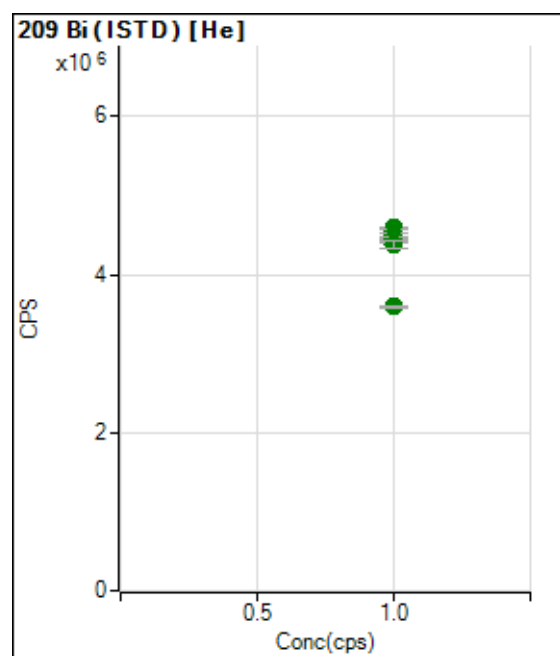
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9748957.91		A	2.1
2	☐	1.000		9730752.56		A	0.4
3	☐	1.000		9840504.65		A	2.2
4	☐	1.000		9735346.94		A	1.8
5	☐	1.000		9983871.17		A	0.7
6	☐	1.000		10110449.43		A	1.0
7	☐	1.000		10193589.50		A	2.8
8	☐	1.000		9178618.34		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6209117.62		A	0.8
2	☐	1.000		6183325.53		A	1.8
3	☐	1.000		6119858.31		A	0.7
4	☐	1.000		6135032.62		A	0.7
5	☐	1.000		6218655.39		A	0.7
6	☐	1.000		6279841.36		A	0.2
7	☐	1.000		6349052.75		A	1.5
8	☐	1.000		5731411.58		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6356331.57		A	1.4
2	☐	1.000		6365322.41		A	0.9
3	☐	1.000		6398184.49		A	1.5
4	☐	1.000		6273319.49		A	0.6
5	☐	1.000		6346348.79		A	0.9
6	☐	1.000		6332626.64		A	0.9
7	☐	1.000		6255164.49		A	2.7
8	☐	1.000		5050545.13		A	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4586694.17		A	0.8
2	☐	1.000		4588386.88		A	0.7
3	☐	1.000		4557175.80		A	1.0
4	☐	1.000		4498395.77		A	0.9
5	☐	1.000		4436944.90		A	0.4
6	☐	1.000		4446143.82		A	1.5
7	☐	1.000		4370297.92		A	2.3
8	☐	1.000		3588633.94		A	0.4