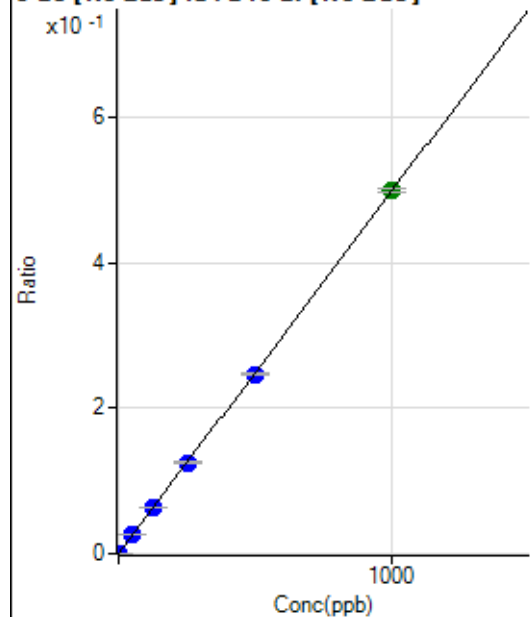


Calibration for 003CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7061722MS1.b\
 Analysis File: P7061722MS1.batch.bin
 DA Date-Time: 2022-06-18 00:40:02
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2022-06-17 15:46:36
2	005CALS.d	S02	2022-06-17 15:52:23
3	006CALS.d	S03	2022-06-17 15:55:19
4	007CALS.d	S04	2022-06-17 15:58:04
5	008CALS.d	S05	2022-06-17 16:00:51
6	009CALS.d	S06	2022-06-17 16:03:37
7	010CALS.d	S07	2022-06-17 16:06:24
8	011CALS.d	S08	2022-06-17 16:09:10

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0000	P	12.3
2	☐	1.000	1.105	2317.97	0.0006	P	7.1
3	☐	50.000	52.108	106702.37	0.0260	P	1.5
4	☐	125.000	127.867	261416.36	0.0637	P	1.4
5	☐	250.000	250.874	505270.82	0.1249	P	2.3
6	☐	500.000	495.659	951094.52	0.2468	P	1.0
7	☐	1000.000	1001.488	1881541.12	0.4987	A	1.1
8	☐			4117.25	0.0012	P	6.7

$$y = 4.9796\text{E-}004 * x + 1.6668\text{E-}005$$

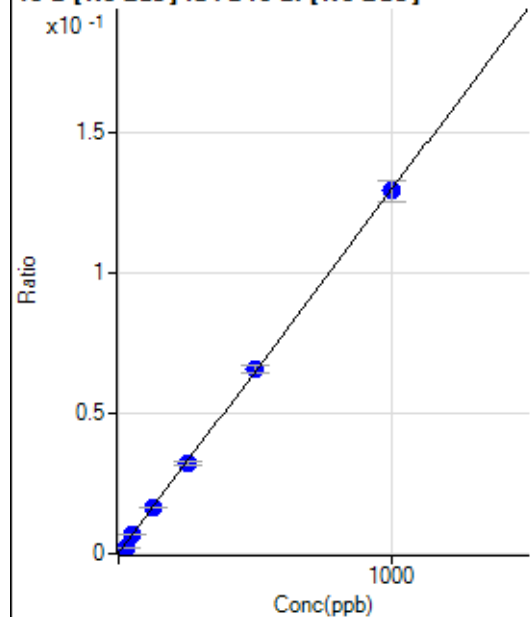
$$R = 1.0000$$

$$DL = 0.01238$$

$$BEC = 0.03347$$

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	911.16	0.0002	P	8.1
2	☐	25.000	12.030	7268.55	0.0018	P	4.5
3	☐	50.000	50.314	27639.18	0.0067	P	6.3
4	☐	125.000	125.485	67444.69	0.0164	P	3.4
5	☐	250.000	247.153	129883.55	0.0321	P	6.2
6	☐	500.000	508.057	253593.79	0.0658	P	4.0
7	☐	1000.000	996.931	486348.28	0.1289	P	5.6
8	☐			25062.44	0.0072	P	10.4

$$y = 1.2911\text{E-}004 * x + 2.2405\text{E-}004$$

$$R = 0.9999$$

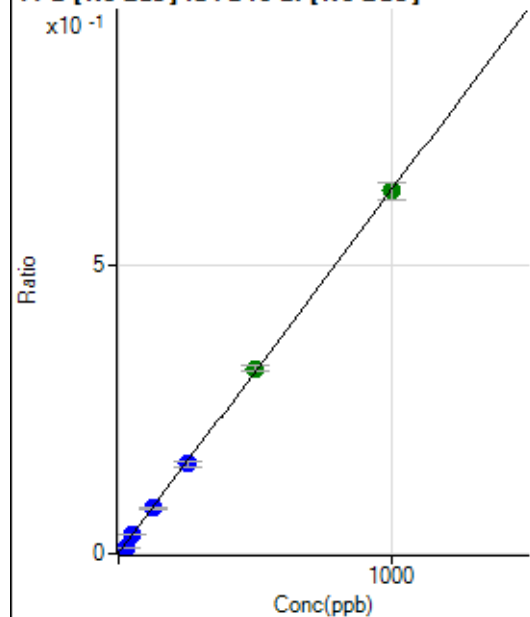
$$DL = 0.4238$$

$$BEC = 1.735$$

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	4197.89	0.0010	P	4.0
2	☐	25.000	12.054	35293.61	0.0086	P	2.9
3	☐	50.000	50.870	136081.75	0.0331	P	4.5
4	☐	125.000	123.433	323696.95	0.0788	P	2.9
5	☐	250.000	246.122	631251.34	0.1562	P	6.2
6	☐	500.000	507.482	1236536.99	0.3209	A	3.0
7	☐	1000.000	997.704	2376250.79	0.6300	A	4.5
8	☐			121228.04	0.0348	P	11.3

$$y = 6.3038E-004 * x + 0.0010$$

$$R = 0.9999$$

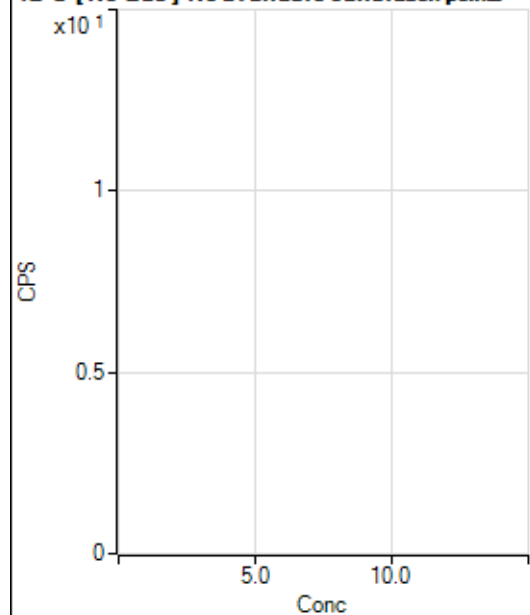
$$DL = 0.197$$

$$BEC = 1.638$$

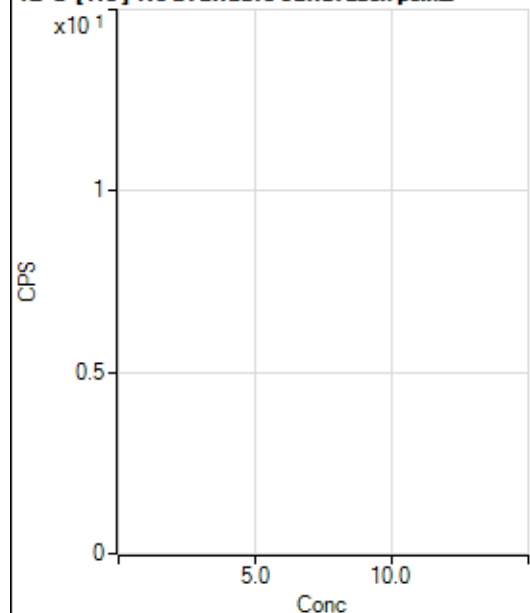
Weight: <None>

Min Conc: 0

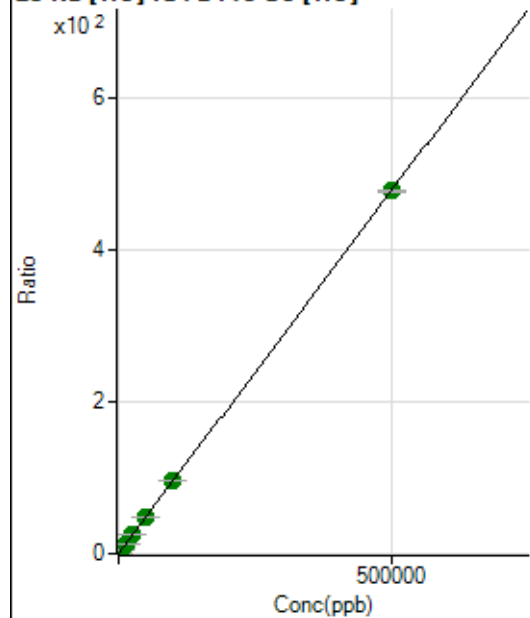
12 C [No Gas] No available calibration points



	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	25853.43	0.0318	P	0.7
2	☐	500.000	477.460	404801.55	0.4889	P	0.4
3	☐	5000.000	5149.324	3978889.62	4.9617	A	0.1
4	☐	12500.000	13216.447	9294979.72	12.6852	A	0.5
5	☐	25000.000	25599.707	17356716.94	24.5409	A	0.3
6	☐	50000.000	50580.173	32141045.63	48.4572	A	0.8
7	☐	100000.00	100751.35	62864930.11	96.4910	A	1.1
8	☐	500000.00	499742.34	317837118.2	478.4844	A	0.7

$$y = 9.5740\text{E-}004 * x + 0.0318$$

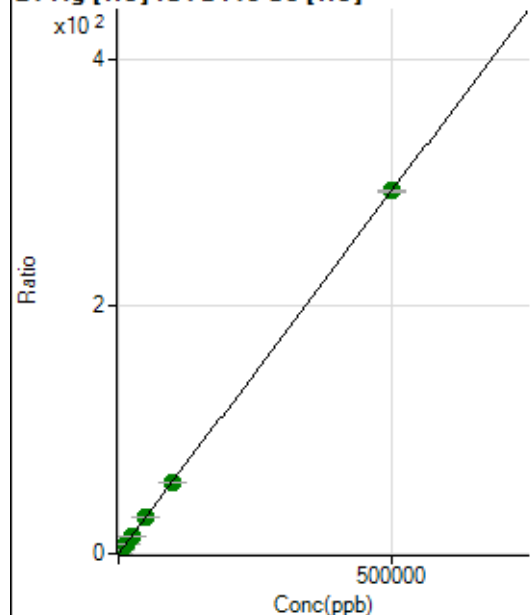
$$R = 1.0000$$

$$DL = 0.7256$$

$$BEC = 33.19$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	446.31	0.0005	P	12.8
2	☐	500.000	492.884	239974.87	0.2898	P	0.3
3	☐	5000.000	5103.108	2402177.95	2.9955	A	1.1
4	☐	12500.000	13055.549	5615109.67	7.6628	A	0.7
5	☐	25000.000	25020.119	10385890.28	14.6847	A	0.4
6	☐	50000.000	49726.045	19357714.55	29.1845	A	0.6
7	☐	100000.00	98544.969	37680150.84	57.8362	A	0.6
8	☐	500000.00	500302.48	195044422.8	293.6259	A	0.8

$$y = 5.8690\text{E-}004 * x + 5.4834\text{E-}004$$

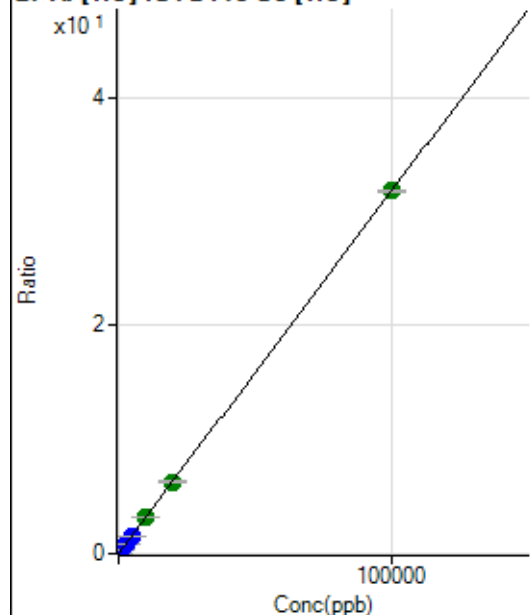
$$R = 1.0000$$

$$DL = 0.3581$$

$$BEC = 0.9343$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	188.89	0.0002	P	25.2
2	☐	20.000	20.613	5615.93	0.0068	P	5.5
3	☐	1000.000	1000.816	255158.70	0.3182	P	0.6
4	☐	2500.000	2548.640	593521.19	0.8100	P	0.6
5	☐	5000.000	4929.322	1107797.63	1.5663	P	0.6
6	☐	10000.000	9984.205	2104169.04	3.1723	A	1.0
7	☐	20000.000	19872.978	4113718.15	6.3141	A	0.8
8	☐	100000.00	100029.29	21109134.27	31.7808	A	0.6

$$y = 3.1771\text{E-}004 * x + 2.3198\text{E-}004$$

$$R = 1.0000$$

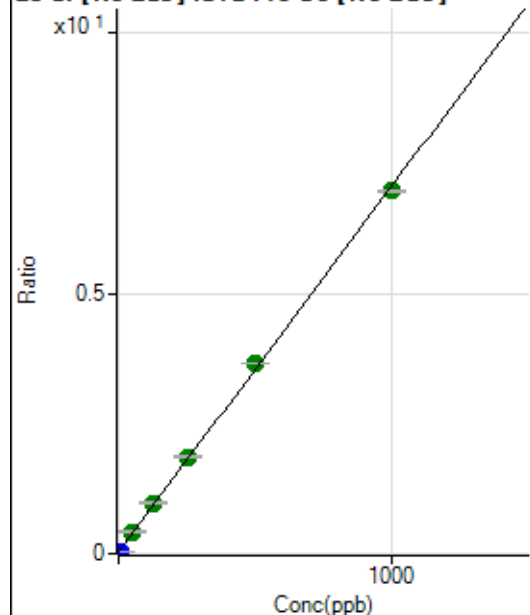
$$DL = 0.5519$$

$$BEC = 0.7301$$

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	345774.49	0.0342	P	1.2
2	☐	10.000	0.947	416122.59	0.0408	P	0.4
3	☐	50.000	55.268	4243047.10	0.4218	A	1.7
4	☐	125.000	134.350	9516917.31	0.9765	A	0.5
5	☐	250.000	260.190	17528554.73	1.8591	A	1.0
6	☐	500.000	516.431	32376716.35	3.6563	A	0.9
7	☐	1000.000	987.895	60075467.32	6.9631	A	0.8
8	☐			1306408.75	0.1593	A	7.4

$$y = 0.0070 * x + 0.0342$$

$$R = 0.9996$$

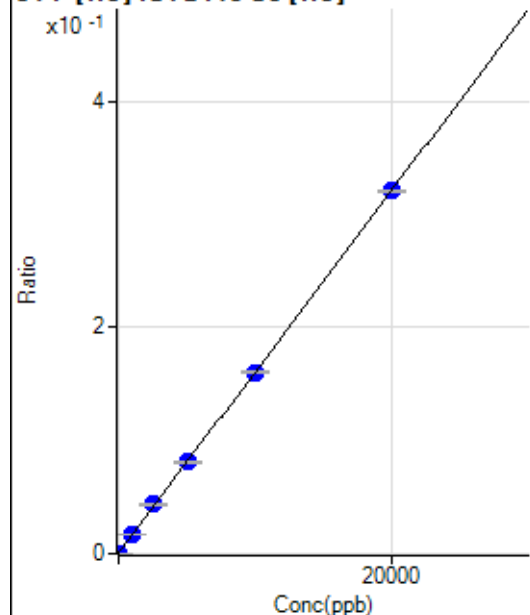
$$DL = 0.1761$$

$$BEC = 4.87$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-9.220	316.68	0.0004	P	20.6
2	☐	0.000	9.220	566.69	0.0007	P	8.3
3	☐	1000.000	1035.808	13737.02	0.0171	P	1.5
4	☐	2500.000	2673.800	31783.63	0.0434	P	1.1
5	☐	5000.000	5023.369	57307.98	0.0810	P	2.3
6	☐	10000.000	9955.965	106159.06	0.1600	P	1.2
7	☐	20000.000	19992.660	209035.80	0.3209	P	0.7
8	☐			733.37	0.0011	P	13.5

$$y = 1.6022E-005 * x + 5.3689E-004$$

$$R = 1.0000$$

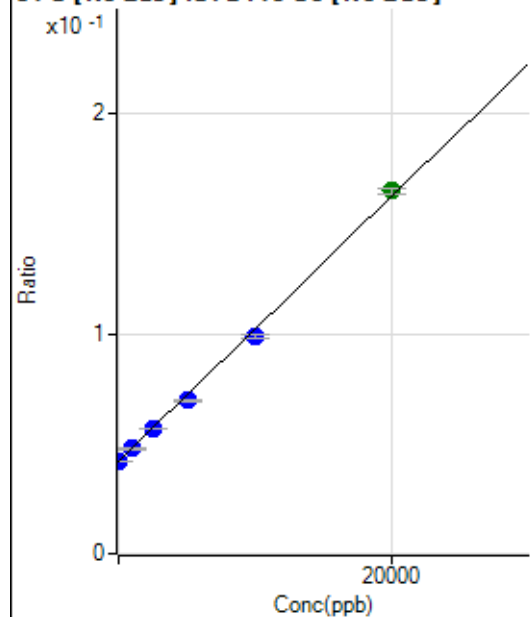
$$DL = 12.82$$

$$BEC = 33.51$$

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	10.655	426177.89	0.0421	P	0.9
2	☐	0.000	-10.655	428072.84	0.0420	P	0.4
3	☐	1000.000	990.994	482979.90	0.0480	P	1.7
4	☐	2500.000	2478.597	555442.36	0.0570	P	0.2
5	☐	5000.000	4603.831	658278.26	0.0698	P	0.8
6	☐	10000.000	9414.461	875321.30	0.0988	P	1.3
7	☐	20000.000	20394.938	1424559.75	0.1651	A	1.8
8	☐			303071.40	0.0370	P	0.5

$$y = 6.0350E-006 * x + 0.0420$$

$$R = 0.9991$$

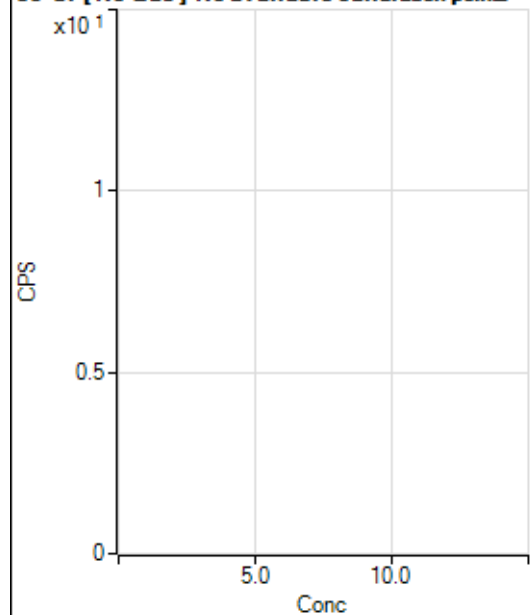
$$DL = 138.2$$

$$BEC = 6965$$

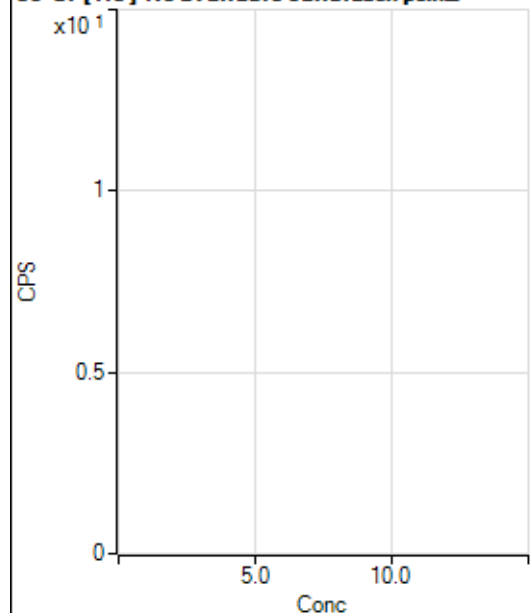
Weight: <None>

Min Conc: 0

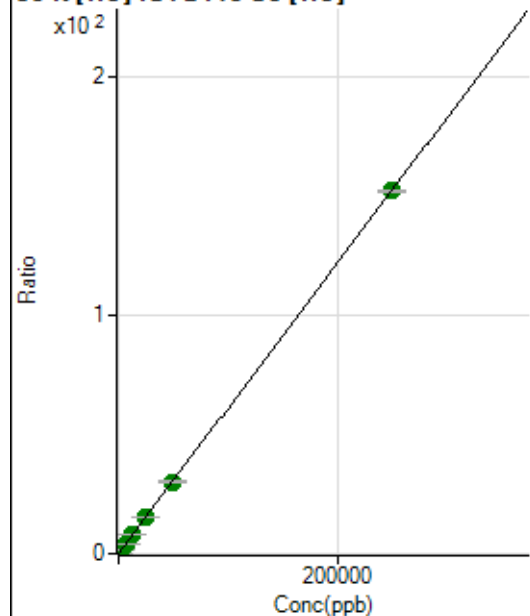
35 Cl [No Gas] No available calibration points



	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	64955.80	0.0798	P	1.0
2	☐	500.000	514.789	324934.00	0.3924	P	0.7
3	☐	2500.000	2547.725	1304602.34	1.6269	A	0.5
4	☐	6250.000	6478.892	2941360.03	4.0141	A	0.4
5	☐	12500.000	12521.323	5434240.01	7.6833	A	0.3
6	☐	25000.000	24814.208	10047389.03	15.1481	A	0.5
7	☐	50000.000	49583.535	19668376.83	30.1892	A	0.6
8	☐	250000.00	250094.57	100928091.1	151.9485	A	0.2

$$y = 6.0725E-004 * x + 0.0798$$

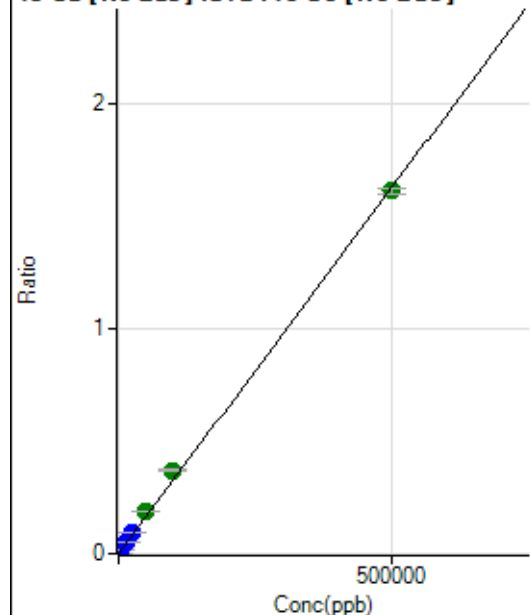
$$R = 1.0000$$

$$DL = 4.124$$

$$BEC = 131.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	45.1
2	☐	500.000	508.865	17034.91	0.0017	P	2.5
3	☐	5000.000	6013.688	196859.44	0.0196	P	1.6
4	☐	12500.000	14644.986	464268.29	0.0476	P	0.5
5	☐	25000.000	28993.337	889013.12	0.0943	P	1.3
6	☐	50000.000	57557.100	1657356.25	0.1872	A	0.8
7	☐	100000.00	114359.76	3208378.31	0.3719	A	0.5
8	☐	500000.00	496108.89	13218179.03	1.6132	A	1.7

$$y = 3.2516\text{E-}006 * x + 1.5332\text{E-}005$$

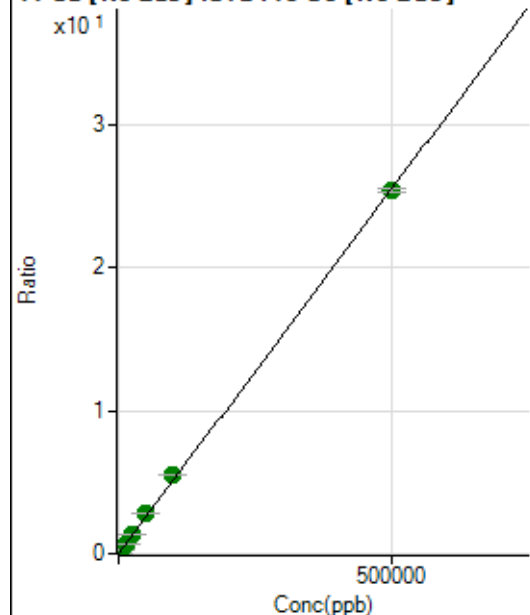
$$R = 0.9995$$

$$DL = 6.378$$

$$BEC = 4.715$$

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	7413.11	0.0007	P	2.5
2	☐	500.000	509.145	272391.94	0.0267	P	0.3
3	☐	5000.000	5567.778	2864717.73	0.2848	A	1.4
4	☐	12500.000	13483.787	6711043.90	0.6886	A	1.3
5	☐	25000.000	26994.823	12990208.54	1.3778	A	1.4
6	☐	50000.000	54139.696	24461966.00	2.7625	A	0.1
7	☐	100000.00	108417.86	47722361.83	5.5313	A	0.4
8	☐	500000.00	497772.43	208074599.0	25.3928	A	1.2

$$y = 5.1011\text{E-}005 * x + 7.3220\text{E-}004$$

$$R = 0.9998$$

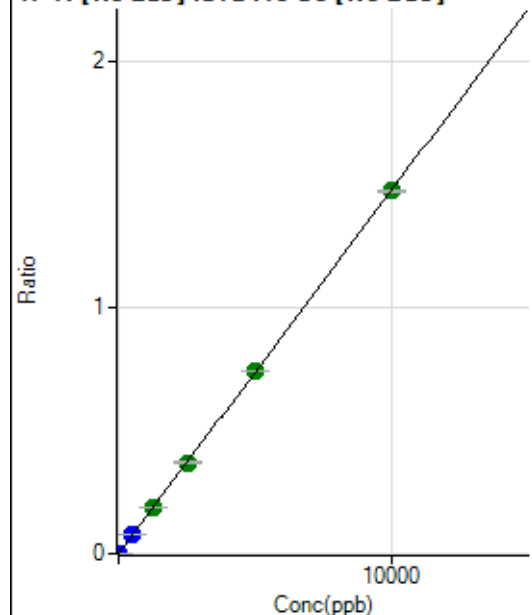
$$DL = 1.089$$

$$BEC = 14.35$$

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	133.34	0.0000	P	6.1
2	☐	5.000	5.075	7763.27	0.0008	P	1.8
3	☐	500.000	511.427	758451.24	0.0754	P	0.8
4	☐	1250.000	1267.726	1821193.75	0.1869	A	0.6
5	☐	2500.000	2498.328	3471831.30	0.3682	A	1.6
6	☐	5000.000	5028.867	6563197.02	0.7412	A	0.9
7	☐	10000.000	9983.197	12694873.03	1.4714	A	0.2
8	☐			27876.25	0.0034	P	4.5

$$y = 1.4739E-004 * x + 1.3170E-005$$

$$R = 1.0000$$

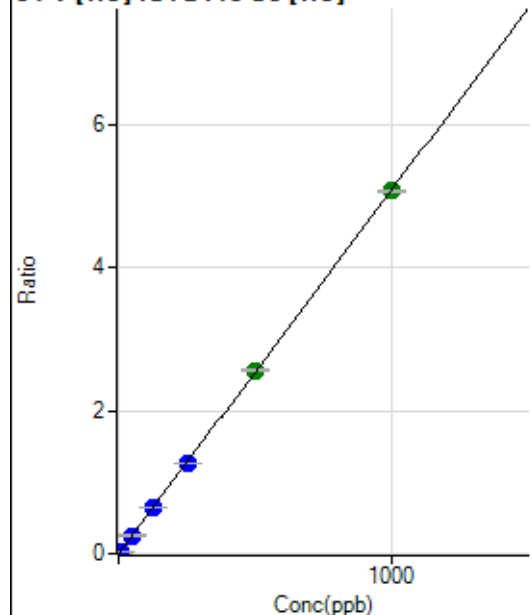
$$DL = 0.01637$$

$$BEC = 0.08935$$

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	10.00	0.0000	P	88.6
2	☐	5.000	4.800	20228.07	0.0244	P	0.5
3	☐	50.000	50.021	204075.67	0.2545	P	1.1
4	☐	125.000	127.976	477071.87	0.6511	P	0.8
5	☐	250.000	247.873	891887.54	1.2610	P	0.3
6	☐	500.000	504.346	1701889.12	2.5658	A	1.1
7	☐	1000.000	997.987	3307674.29	5.0772	A	0.9
8	☐			8362.39	0.0126	P	2.0

$$y = 0.0051 * x + 1.2312E-005$$

$$R = 1.0000$$

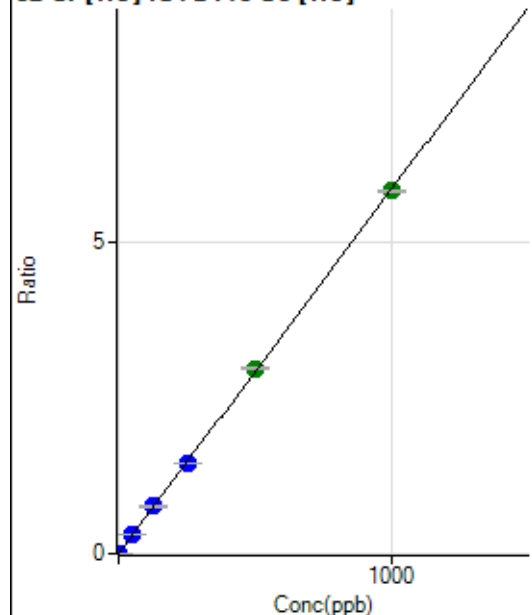
$$DL = 0.006431$$

$$BEC = 0.00242$$

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	1414.52	0.0017	P	2.6
2	☐	2.000	1.956	10927.39	0.0132	P	0.5
3	☐	50.000	50.439	238342.92	0.2972	P	0.1
4	☐	125.000	129.603	557591.87	0.7610	P	0.8
5	☐	250.000	249.790	1036176.33	1.4651	P	0.3
6	☐	500.000	507.191	1971917.14	2.9730	A	0.8
7	☐	1000.000	995.860	3801845.32	5.8357	A	0.4
8	☐			20122.39	0.0303	P	0.7

$$y = 0.0059 * x + 0.0017$$

$$R = 1.0000$$

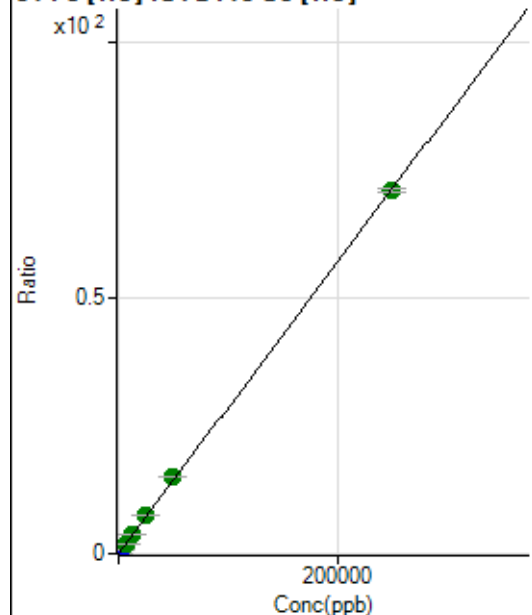
$$DL = 0.02274$$

$$BEC = 0.2968$$

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	1294.72	0.0016	P	4.1
2	☐	50.000	52.744	13767.16	0.0166	P	1.2
3	☐	2500.000	2731.579	625672.13	0.7803	P	0.9
4	☐	6250.000	6895.099	1441388.20	1.9672	A	1.4
5	☐	12500.000	13329.010	2688716.17	3.8013	A	1.4
6	☐	25000.000	26603.084	5031223.70	7.5853	A	1.3
7	☐	50000.000	52778.134	9803130.91	15.0470	A	0.5
8	☐	250000.00	249224.17	47193196.12	71.0476	A	0.9

$$y = 2.8507E-004 * x + 0.0016$$

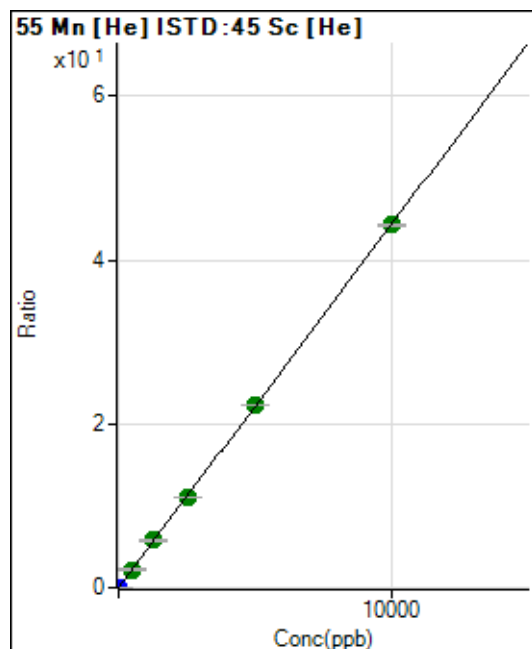
$$R = 0.9999$$

$$DL = 0.6807$$

$$BEC = 5.582$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	154.45	0.0002	P	4.4
2	☒	1.000		3931.66	0.0047	P	2.6
3	☐	500.000	501.472	1783296.81	2.2241	A	1.6
4	☐	1250.000	1299.332	4222414.45	5.7623	A	0.6
5	☐	2500.000	2492.002	7816653.56	11.0514	A	0.9
6	☐	5000.000	5021.270	14769984.50	22.2680	A	0.7
7	☐	10000.000	9985.124	28849365.68	44.2811	A	0.7
8	☐			107014.79	0.1611	P	0.3

$$y = 0.0044 * x + 1.8979E-004$$

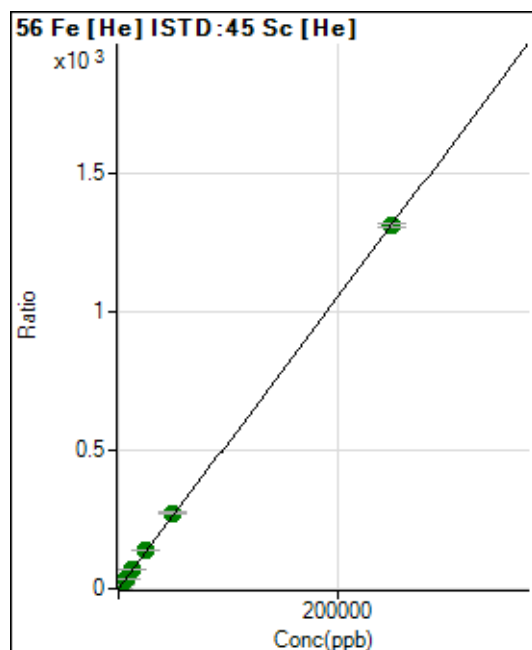
$$R = 1.0000$$

$$DL = 0.005593$$

$$BEC = 0.0428$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13111.43	0.0161	P	2.1
2	☐	50.000	50.948	235069.24	0.2839	P	0.7
3	☐	2500.000	2618.352	11048002.91	13.7786	A	1.2
4	☐	6250.000	6737.411	25960963.54	35.4289	A	0.5
5	☐	12500.000	13002.710	48348272.84	68.3603	A	0.4
6	☐	25000.000	25967.923	90542795.54	136.5073	A	0.8
7	☐	50000.000	52048.639	178245231.7	273.5914	A	0.7
8	☐	250000.00	249454.97	870903100.9	1,311.188	A	0.9

$$y = 0.0053 * x + 0.0161$$

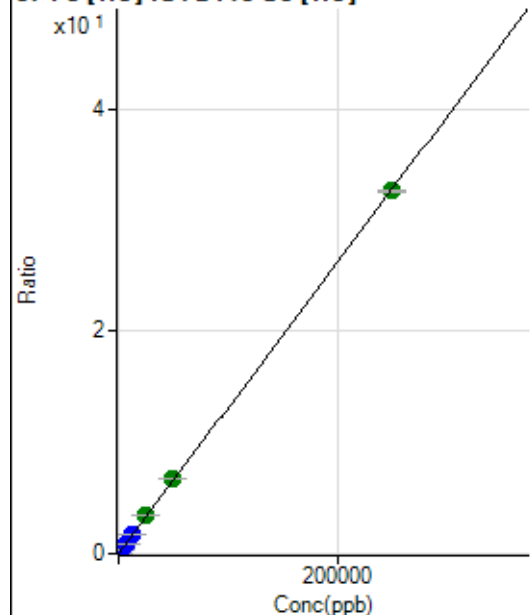
$$R = 1.0000$$

$$DL = 0.1912$$

$$BEC = 3.066$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	587.06	0.0007	P	10.9
2	☐	50.000	52.049	6231.02	0.0075	P	1.4
3	☐	2500.000	2632.712	276500.32	0.3448	P	1.6
4	☐	6250.000	6797.626	651607.50	0.8892	P	0.5
5	☐	12500.000	13145.964	1215788.83	1.7190	P	0.6
6	☐	25000.000	26197.641	2271843.17	3.4251	A	1.6
7	☐	50000.000	52008.804	4429388.64	6.7989	A	0.5
8	☐	250000.00	249431.15	21657566.69	32.6042	A	0.7

$$y = 1.3071\text{E-}004 * x + 7.2167\text{E-}004$$

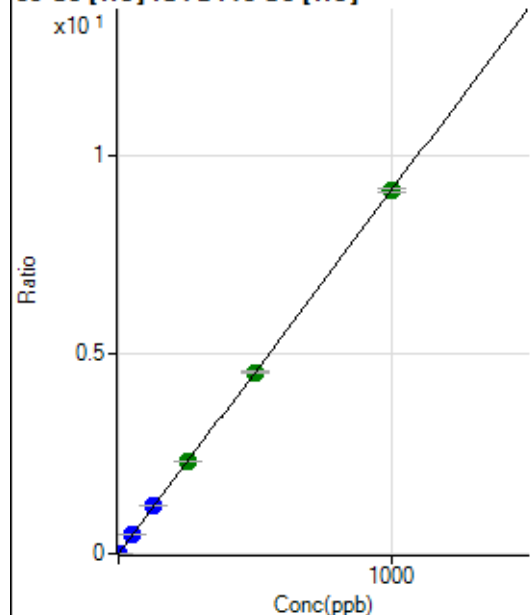
R = 1.0000

DL = 1.802

BEC = 5.521

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	95.56	0.0001	P	22.6
2	☐	1.000	0.999	7637.56	0.0092	P	0.7
3	☐	50.000	50.925	372296.87	0.4643	P	0.6
4	☐	125.000	130.306	870355.58	1.1878	P	0.7
5	☐	250.000	255.530	1647297.11	2.3292	A	0.6
6	☐	500.000	499.542	3020054.43	4.5533	A	0.6
7	☐	1000.000	998.137	5927132.97	9.0977	A	1.0
8	☐			29622.60	0.0446	P	1.5

$$y = 0.0091 * x + 1.1739\text{E-}004$$

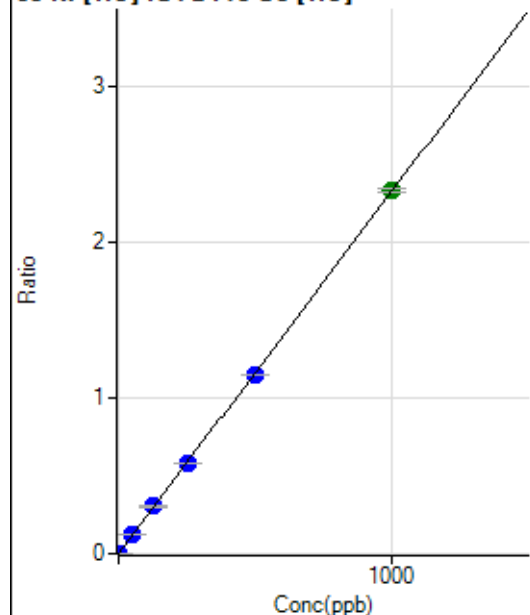
R = 1.0000

DL = 0.008717

BEC = 0.01288

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	52.22	0.0001	P	25.3
2	☒	1.000		2042.38	0.0025	P	3.8
3	☐	50.000	51.306	95535.26	0.1191	P	1.3
4	☐	125.000	130.373	221741.89	0.3026	P	0.8
5	☐	250.000	250.217	410744.88	0.5807	P	0.3
6	☐	500.000	493.840	760207.97	1.1461	P	0.4
7	☐	1000.000	1002.289	1515494.35	2.3261	A	1.2
8	☐			8443.56	0.0127	P	2.0

$$y = 0.0023 * x + 6.4127E-005$$

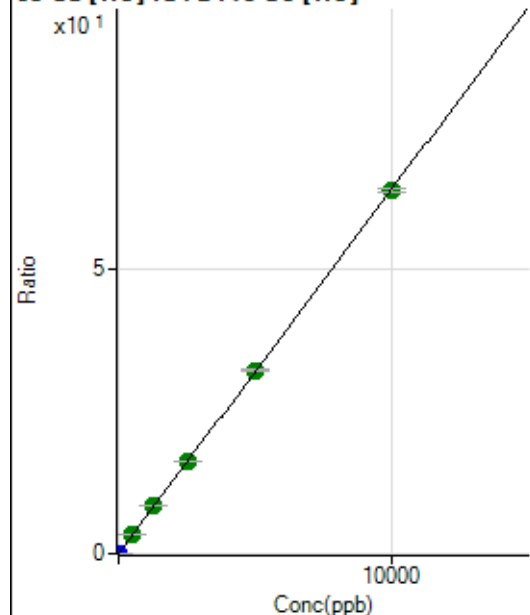
$$R = 1.0000$$

$$DL = 0.021$$

$$BEC = 0.02763$$

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	770.03	0.0009	P	6.4
2	☒	2.000		11569.00	0.0140	P	2.0
3	☐	500.000	522.870	2684091.66	3.3474	A	1.2
4	☐	1250.000	1322.262	6201892.62	8.4637	A	1.3
5	☐	2500.000	2532.978	11466391.50	16.2125	A	0.3
6	☐	5000.000	5038.387	21388883.01	32.2477	A	0.5
7	☐	10000.000	9962.386	41541436.32	63.7622	A	0.9
8	☐			89970.69	0.1355	P	1.1

$$y = 0.0064 * x + 9.4643E-004$$

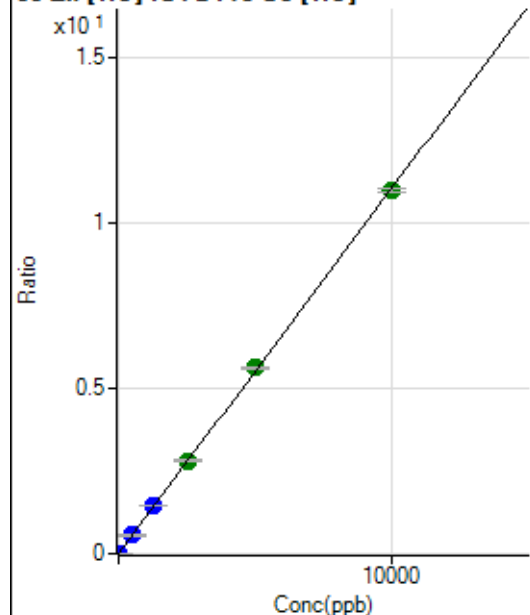
$$R = 1.0000$$

$$DL = 0.02846$$

$$BEC = 0.1479$$

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	373.34	0.0005	P	6.6
2	☒	2.000		2422.44	0.0029	P	3.3
3	☐	500.000	500.921	444303.07	0.5541	P	0.6
4	☐	1250.000	1293.651	1047969.64	1.4302	P	0.4
5	☐	2500.000	2546.579	1990852.21	2.8149	A	1.7
6	☐	5000.000	5088.283	3730165.46	5.6240	A	1.4
7	☐	10000.000	9938.711	7156536.98	10.9846	A	1.2
8	☐			26152.97	0.0394	P	1.6

$$y = 0.0011 * x + 4.5888E-004$$

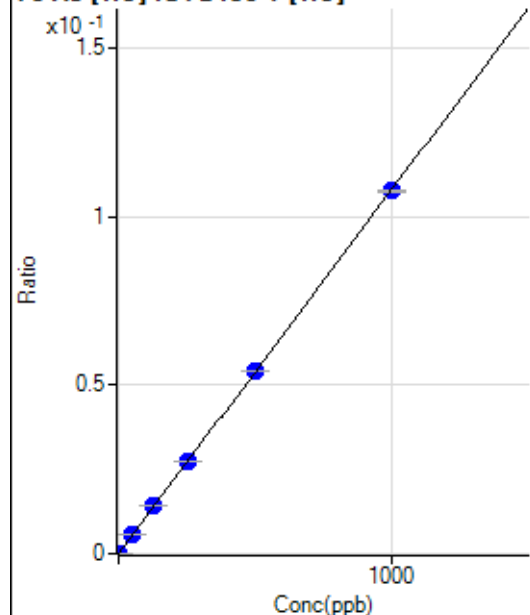
$$R = 0.9999$$

$$DL = 0.08255$$

$$BEC = 0.4152$$

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	10.49	0.0000	P	40.5
2	☐	1.000	1.131	619.15	0.0001	P	6.2
3	☐	50.000	52.602	27417.87	0.0057	P	2.1
4	☐	125.000	132.416	64965.94	0.0143	P	0.3
5	☐	250.000	253.204	121262.04	0.0273	P	0.9
6	☐	500.000	501.495	229062.67	0.0541	P	0.6
7	☐	1000.000	997.394	449768.76	0.1076	P	0.6
8	☐			1034.61	0.0002	P	2.3

$$y = 1.0783E-004 * x + 2.1328E-006$$

$$R = 1.0000$$

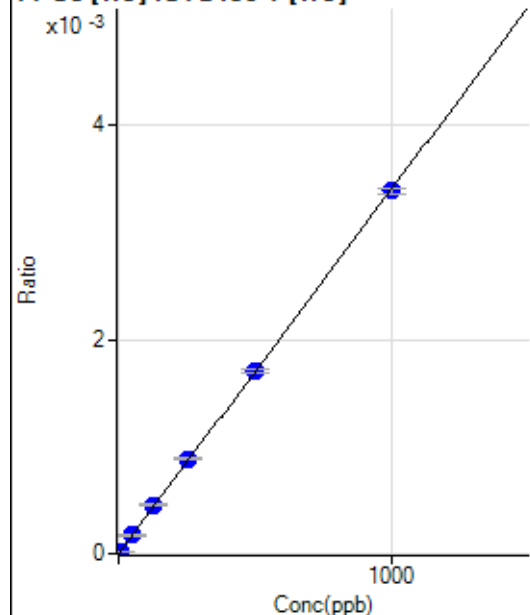
$$DL = 0.02403$$

$$BEC = 0.01978$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.165	87.78	0.0000	P	44.0
3	☐	50.000	51.452	845.59	0.0002	P	12.2
4	☐	125.000	133.140	2061.28	0.0005	P	3.0
5	☐	250.000	259.295	3919.45	0.0009	P	1.5
6	☐	500.000	502.252	7241.83	0.0017	P	1.7
7	☐	1000.000	995.460	14169.12	0.0034	P	1.7
8	☐			28.89	0.0000	P	34.0

$$y = 3.4039\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

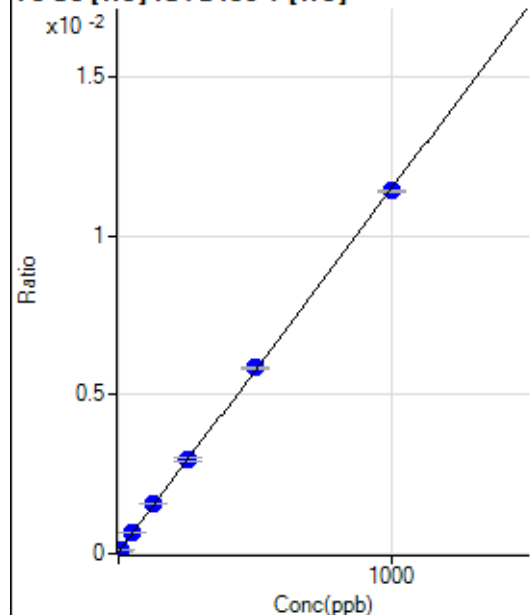
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.94	0.0001	P	2.5
2	☐	5.000	5.029	546.31	0.0001	P	4.4
3	☐	50.000	54.265	3252.84	0.0007	P	1.4
4	☐	125.000	132.068	7114.09	0.0016	P	1.1
5	☐	250.000	254.861	13186.17	0.0030	P	3.8
6	☐	500.000	507.605	24834.97	0.0059	P	0.8
7	☐	1000.000	993.885	47803.27	0.0114	P	0.4
8	☐			281.49	0.0001	P	7.9

$$y = 1.1449\text{E-}005 * x + 5.1865\text{E-}005$$

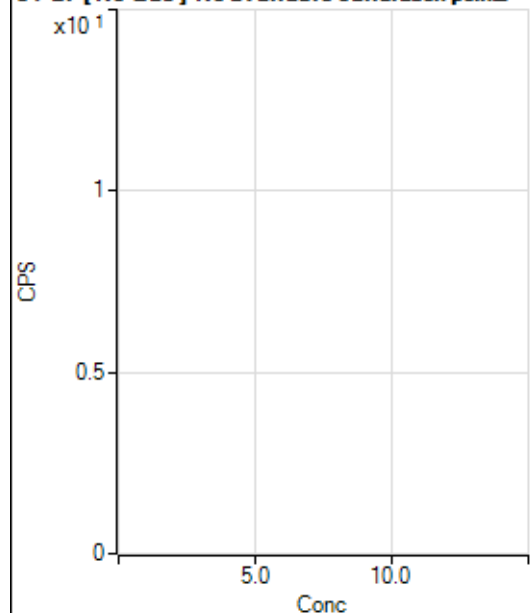
$$R = 0.9999$$

$$DL = 0.3391$$

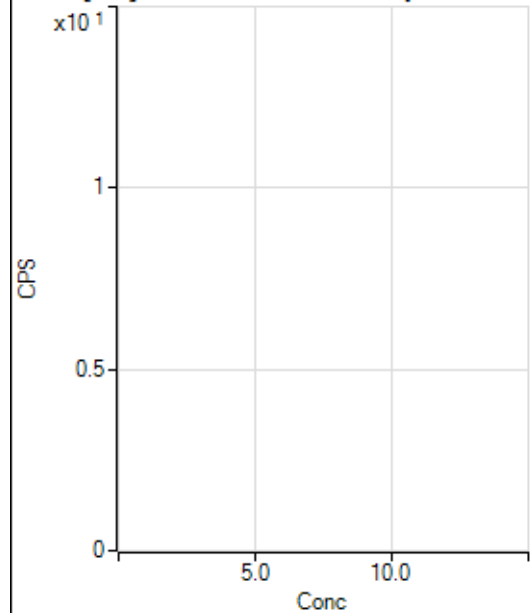
$$BEC = 4.53$$

Weight: <None>

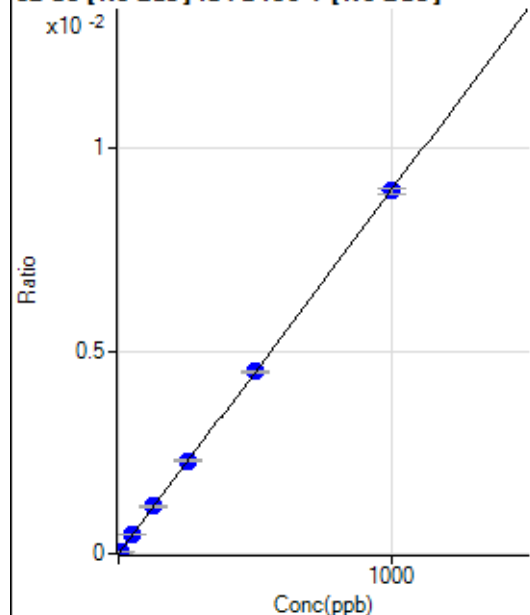
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18250.56		P	1.5
2	☐			18406.40		P	1.2
3	☐			18028.11		P	3.1
4	☐			17747.41		P	5.3
5	☐			16340.03		P	2.0
6	☐			14960.70		P	2.4
7	☐			14207.15		P	1.3
8	☐			14023.73		P	3.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			110.11		P	32.8
2	☐			96.76		P	36.3
3	☐			70.07		P	24.7
4	☐			86.75		P	13.3
5	☐			60.06		P	16.7
6	☐			83.42		P	6.9
7	☐			106.77		P	5.4
8	☐			133.47		P	33.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-48.41	0.0000	P	-201.
2	☐	5.000	4.736	843.38	0.0000	P	13.0
3	☐	50.000	51.585	9581.53	0.0005	P	1.5
4	☐	125.000	130.325	23551.23	0.0012	P	1.2
5	☐	250.000	254.928	45511.21	0.0023	P	2.0
6	☐	500.000	500.083	84861.96	0.0045	P	0.7
7	☐	1000.000	997.983	166351.17	0.0090	P	1.5
8	☐			438.48	0.0000	P	45.3

$$y = 8.9735E-006 * x - 2.2913E-006$$

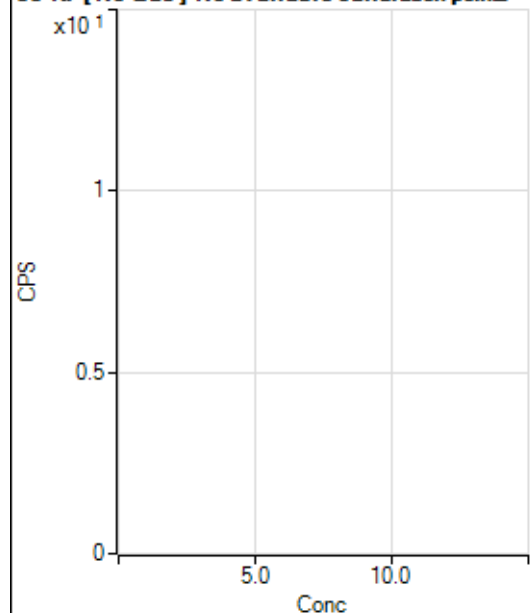
$$R = 1.0000$$

$$DL = 1.545$$

$$BEC = -0.2553$$

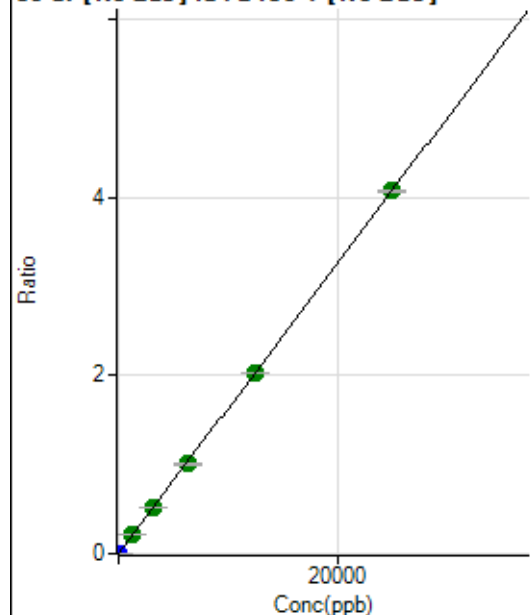
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2031.27		P	4.1
2	☐			2052.39		P	7.1
3	☐			2112.40		P	5.7
4	☐			1895.70		P	0.5
5	☐			1852.36		P	2.3
6	☐			1775.68		P	4.6
7	☐			1665.67		P	5.6
8	☐			1709.01		P	10.8

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3183.77	0.0002	P	5.6
2	☐	1.000	0.942	6421.02	0.0003	P	0.9
3	☐	1250.000	1281.072	4337258.60	0.2085	A	0.8
4	☐	3125.000	3159.106	10370193.55	0.5139	A	0.5
5	☐	6250.000	6187.681	20044298.02	1.0065	A	1.9
6	☐	12500.000	12447.953	38307308.84	2.0247	A	0.4
7	☐	25000.000	25035.786	75661779.47	4.0719	A	0.4
8	☐			110676.33	0.0065	P	3.0

$$y = 1.6264\text{E-}004 * x + 1.5274\text{E-}004$$

$$R = 1.0000$$

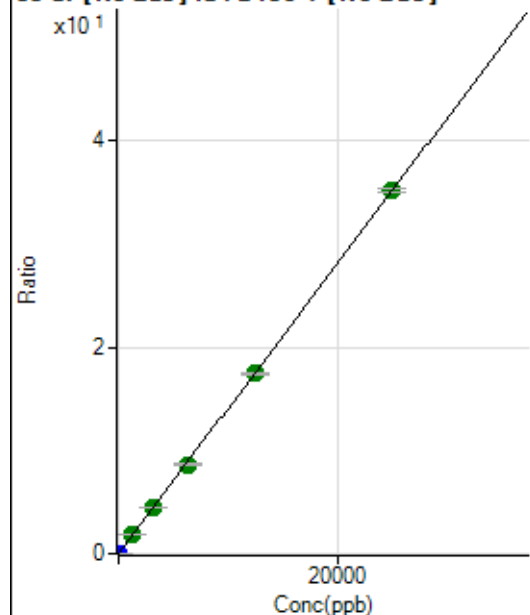
$$DL = 0.1573$$

$$BEC = 0.9391$$

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	413.91	0.0000	P	7.9
2	☐	1.000	0.973	29065.58	0.0014	P	2.3
3	☐	1250.000	1269.940	37060448.40	1.7816	A	0.3
4	☐	3125.000	3158.654	89411567.97	4.4312	A	0.7
5	☐	6250.000	6147.490	171754556.6	8.6241	A	1.5
6	☐	12500.000	12444.921	330317857.3	17.4585	A	0.6
7	☐	25000.000	25047.963	652904214.5	35.1387	A	1.1
8	☐			93487.87	0.0547	P	2.0

$$y = 0.0014 * x + 1.9849\text{E-}005$$

$$R = 1.0000$$

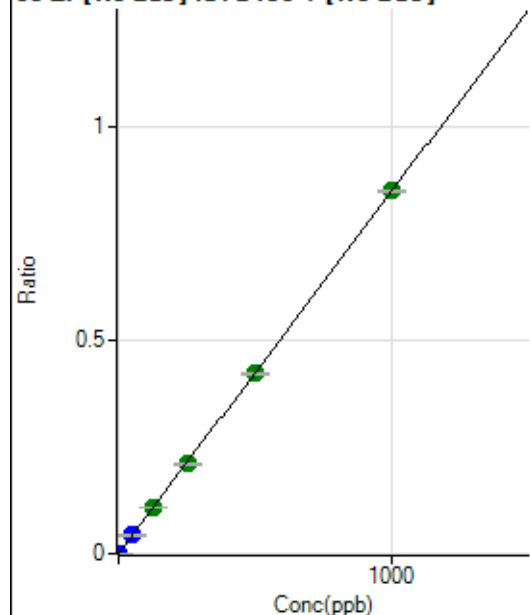
$$DL = 0.003355$$

$$BEC = 0.01415$$

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	872.27	0.0000	P	6.8
2	☐	1.000	0.903	16987.97	0.0008	P	0.9
3	☐	50.000	50.446	892799.88	0.0429	P	0.4
4	☐	125.000	126.607	2172255.80	0.1077	A	0.6
5	☐	250.000	247.930	4197553.39	0.2108	A	2.1
6	☐	500.000	497.313	7997867.97	0.4227	A	1.2
7	☐	1000.000	1001.638	15820077.26	0.8514	A	0.5
8	☐			41423.19	0.0024	P	2.8

$$y = 8.4994\text{E-}004 * x + 4.1821\text{E-}005$$

$$R = 1.0000$$

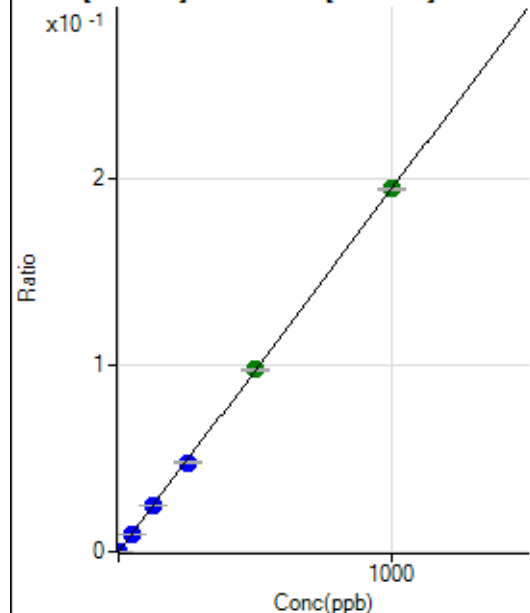
$$DL = 0.00999$$

$$BEC = 0.0492$$

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	180.56	0.0000	P	27.1
2	☐	1.000	0.943	4025.65	0.0002	P	0.8
3	☐	50.000	49.913	201792.49	0.0097	P	0.3
4	☐	125.000	125.338	491236.94	0.0243	P	0.8
5	☐	250.000	245.915	951075.42	0.0478	P	2.1
6	☐	500.000	501.172	1841354.34	0.0973	A	0.8
7	☐	1000.000	1000.398	3609603.90	0.1943	A	0.8
8	☐			9369.90	0.0005	P	1.8

$$y = 1.9417\text{E-}004 * x + 8.6609\text{E-}006$$

$$R = 1.0000$$

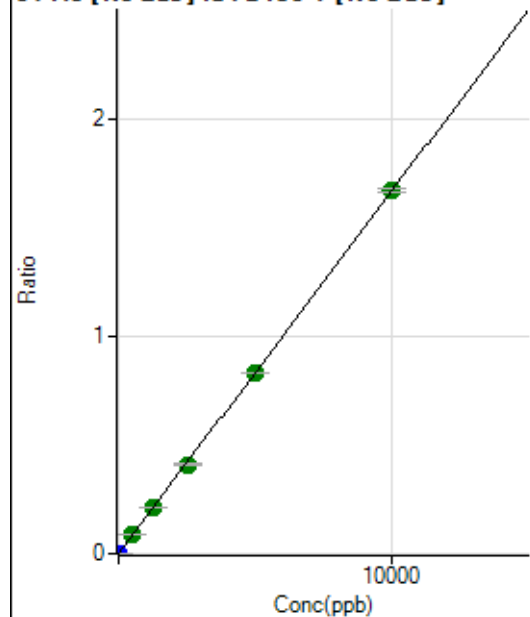
$$DL = 0.03629$$

$$BEC = 0.0446$$

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	283.35	0.0000	P	12.4
2	☐	5.000	5.878	20862.51	0.0010	P	2.2
3	☐	500.000	512.267	1778145.33	0.0855	A	0.8
4	☐	1250.000	1266.945	4265230.87	0.2114	A	1.0
5	☐	2500.000	2462.053	8180612.08	0.4108	A	2.0
6	☐	5000.000	4983.952	15733017.88	0.8315	A	0.6
7	☐	10000.000	10014.779	31046209.72	1.6709	A	0.9
8	☐			70623.78	0.0041	P	1.7

$$y = 1.6684\text{E-}004 * x + 1.3599\text{E-}005$$

$$R = 1.0000$$

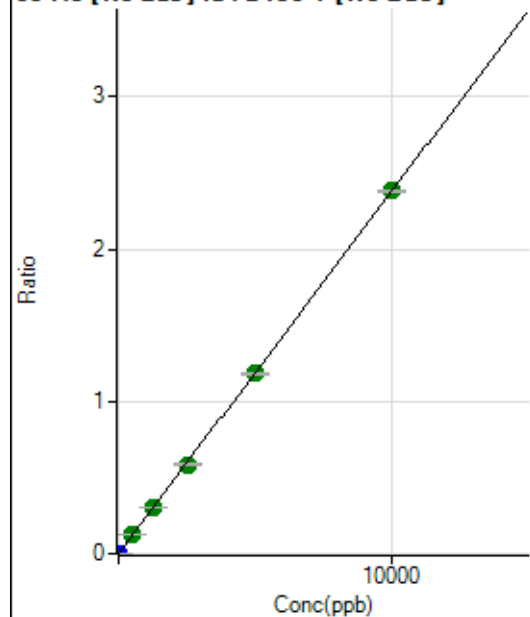
$$DL = 0.0303$$

$$BEC = 0.08151$$

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	77.78	0.0000	P	33.4
2	☐	5.000	5.123	25625.82	0.0012	P	2.9
3	☐	500.000	513.545	2538965.86	0.1221	A	0.4
4	☐	1250.000	1267.050	6075486.77	0.3011	A	2.0
5	☐	2500.000	2467.650	11678678.91	0.5865	A	2.4
6	☐	5000.000	4971.828	22356687.65	1.1816	A	0.8
7	☐	10000.000	10019.365	44245390.92	2.3812	A	0.8
8	☐			99037.98	0.0058	P	2.0

$$y = 2.3766\text{E-}004 * x + 3.7235\text{E-}006$$

$$R = 1.0000$$

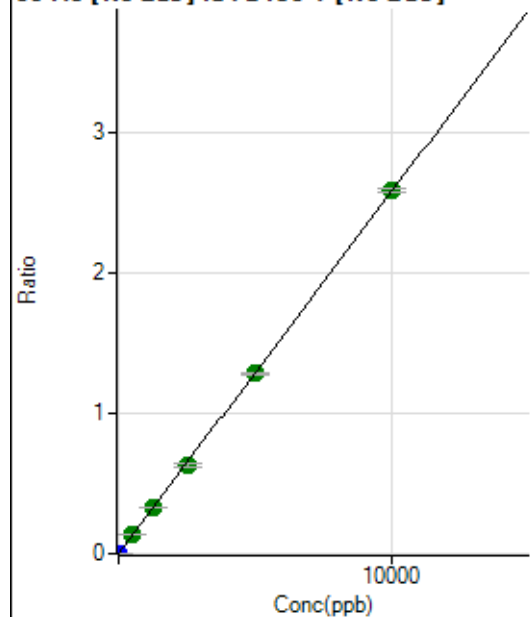
$$DL = 0.01571$$

$$BEC = 0.01567$$

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	188.90	0.0000	P	7.0
2	☐	5.000	5.102	27801.97	0.0013	P	1.2
3	☐	500.000	516.449	2771225.11	0.1332	A	1.4
4	☐	1250.000	1265.349	6585410.96	0.3264	A	1.0
5	☐	2500.000	2445.653	12561728.23	0.6308	A	2.5
6	☐	5000.000	4979.026	24298754.71	1.2843	A	0.8
7	☐	10000.000	10021.333	48027654.20	2.5848	A	1.0
8	☐			111684.22	0.0065	P	1.2

$$y = 2.5793\text{E-}004 * x + 9.0618\text{E-}006$$

$$R = 1.0000$$

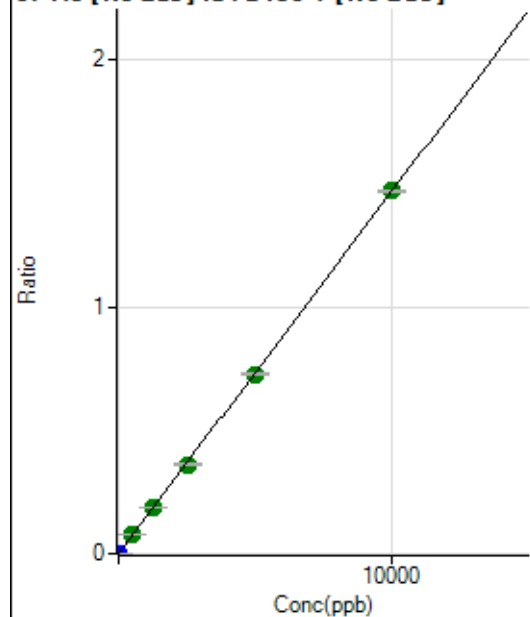
$$DL = 0.007353$$

$$BEC = 0.03513$$

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	33.33	0.0000	P	43.5
2	☐	5.000	5.005	15422.37	0.0007	P	3.8
3	☐	500.000	513.310	1564753.28	0.0752	A	0.9
4	☐	1250.000	1275.217	3769989.84	0.1869	A	2.5
5	☐	2500.000	2455.499	7165620.77	0.3598	A	2.1
6	☐	5000.000	4960.551	13753089.63	0.7269	A	0.4
7	☐	10000.000	10027.032	27301260.16	1.4693	A	0.9
8	☐			61089.85	0.0036	P	0.7

$$y = 1.4654\text{E-}004 * x + 1.5999\text{E-}006$$

$$R = 1.0000$$

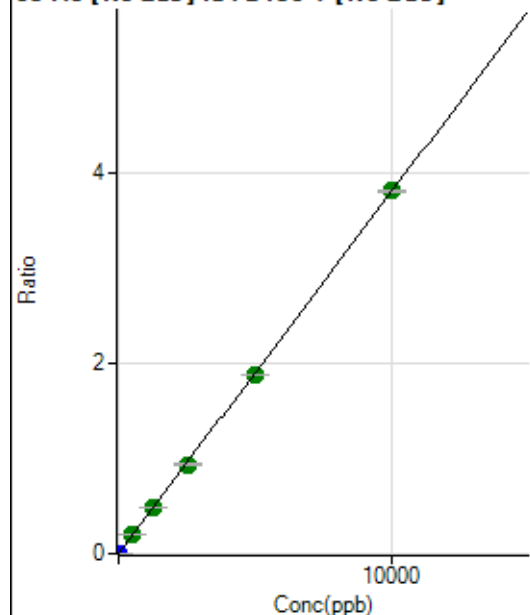
$$DL = 0.01426$$

$$BEC = 0.01092$$

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	111.11	0.0000	P	15.7
2	☐	5.000	5.145	41228.30	0.0020	P	0.7
3	☐	500.000	513.832	4070743.37	0.1957	A	0.9
4	☐	1250.000	1286.157	9882075.65	0.4898	A	1.9
5	☐	2500.000	2468.662	18722198.86	0.9401	A	2.1
6	☐	5000.000	4955.896	35708459.48	1.8873	A	0.4
7	☐	10000.000	10024.675	70935382.84	3.8177	A	0.8
8	☐			156654.28	0.0092	P	0.8

$$y = 3.8083\text{E-}004 * x + 5.3303\text{E-}006$$

$$R = 1.0000$$

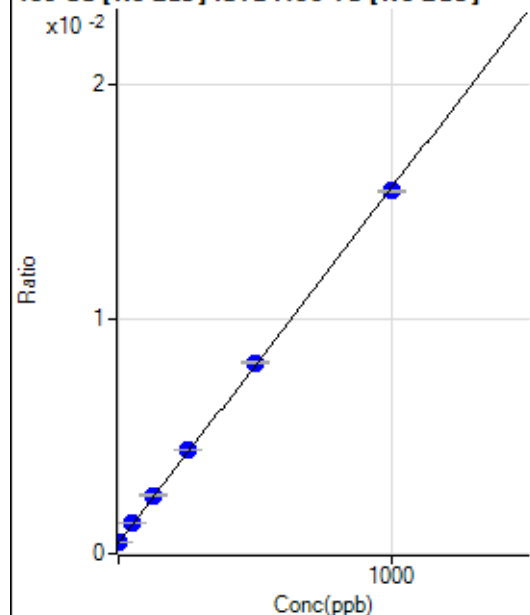
$$DL = 0.006612$$

$$BEC = 0.014$$

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	8216.42	0.0005	P	0.9
2	☐	1.000	1.510	8775.10	0.0005	P	1.6
3	☐	50.000	55.312	23054.95	0.0013	P	3.3
4	☐	125.000	133.827	43741.40	0.0025	P	2.1
5	☐	250.000	261.612	77828.51	0.0044	P	1.6
6	☐	500.000	507.900	139207.61	0.0081	P	1.4
7	☐	1000.000	991.777	264752.20	0.0155	P	0.7
8	☐			7599.41	0.0005	P	3.7

$$y = 1.5129\text{E-}005 * x + 4.6319\text{E-}004$$

$$R = 0.9999$$

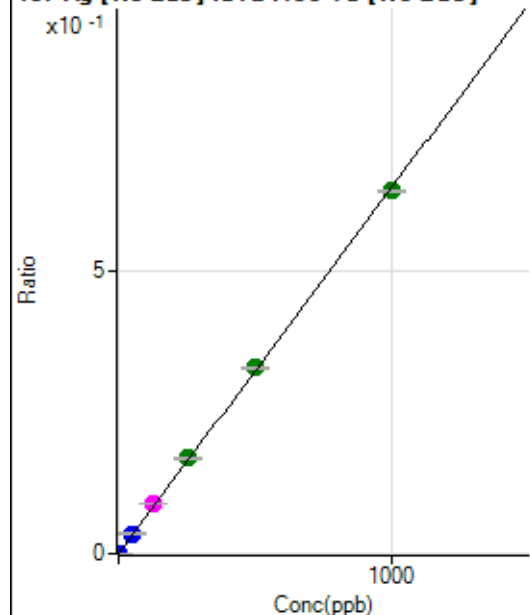
$$DL = 0.8284$$

$$BEC = 30.62$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.78	0.0000	P	31.9
2	☐	1.000	0.898	10640.31	0.0006	P	9.6
3	☐	50.000	54.986	630664.58	0.0356	P	2.1
4	☐	125.000	135.784	1543731.92	0.0878	M	1.3
5	☐	250.000	261.154	2972723.09	0.1689	A	1.6
6	☐	500.000	508.124	5613879.47	0.3286	A	1.7
7	☐	1000.000	991.553	10973874.38	0.6411	A	0.2
8	☐			24101.19	0.0015	P	1.8

$$y = 6.4660\text{E-}004 * x + 8.6350\text{E-}006$$

$$R = 0.9998$$

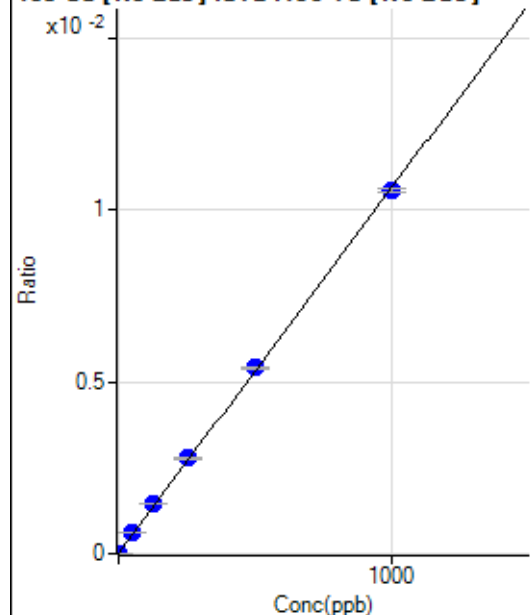
$$DL = 0.01278$$

$$BEC = 0.01335$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.22	0.0000	P	23.3
2	☐	1.000	0.852	262.51	0.0000	P	4.0
3	☐	50.000	56.220	10711.02	0.0006	P	0.8
4	☐	125.000	136.127	25574.03	0.0015	P	0.5
5	☐	250.000	260.978	49004.83	0.0028	P	1.2
6	☐	500.000	507.307	92367.59	0.0054	P	1.6
7	☐	1000.000	991.900	180827.72	0.0106	P	0.9
8	☐			500.02	0.0000	P	6.7

$$y = 1.0646\text{E-}005 * x + 5.4693\text{E-}006$$

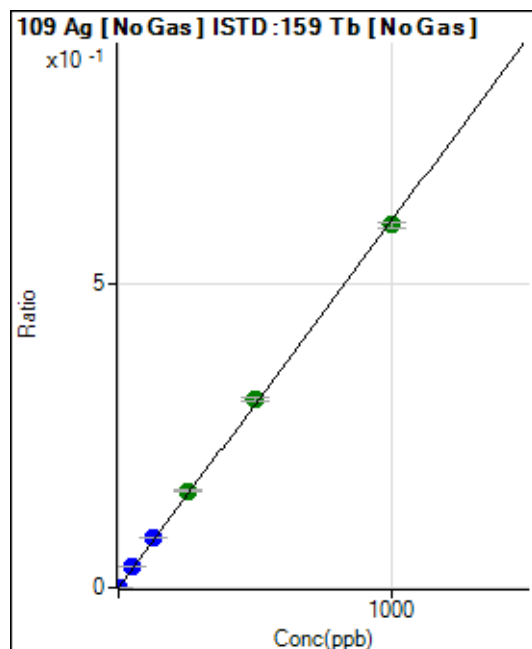
$$R = 0.9999$$

$$DL = 0.359$$

$$BEC = 0.5138$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	36.4
2	☐	1.000	0.925	10112.14	0.0006	P	7.1
3	☐	50.000	55.585	594625.23	0.0335	P	0.9
4	☐	125.000	135.707	1439165.46	0.0819	P	0.3
5	☐	250.000	263.342	2796217.73	0.1588	A	1.7
6	☐	500.000	512.574	5282804.89	0.3092	A	2.2
7	☐	1000.000	988.760	10208119.24	0.5964	A	1.4
8	☐			22239.77	0.0014	P	4.7

$$y = 6.0319\text{E-}004 * x + 2.0416\text{E-}006$$

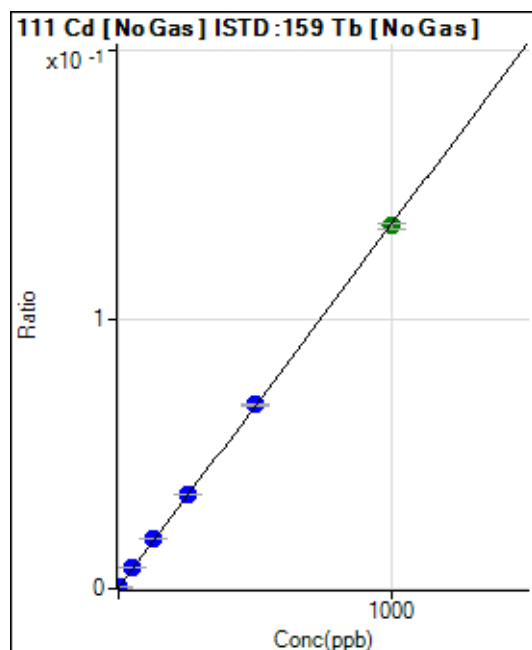
$$R = 0.9998$$

$$DL = 0.003692$$

$$BEC = 0.003385$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5691.77	0.0003	P	1.0
2	☐	1.000	1.162	8628.54	0.0005	P	0.9
3	☐	50.000	54.333	135972.51	0.0077	P	1.5
4	☐	125.000	133.057	321946.72	0.0183	P	0.7
5	☐	250.000	257.172	617805.96	0.0351	P	0.9
6	☐	500.000	503.161	1167947.84	0.0684	P	1.3
7	☐	1000.000	995.403	2309188.72	0.1349	A	1.3
8	☐			9963.56	0.0006	P	0.7

$$y = 1.3521\text{E-}004 * x + 3.2087\text{E-}004$$

$$R = 0.9999$$

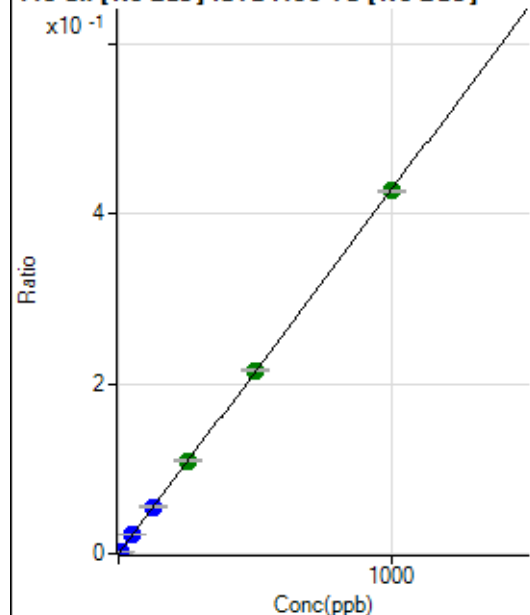
$$DL = 0.06877$$

$$BEC = 2.373$$

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	750.04	0.0000	P	6.2
2	☐	5.000	5.084	40117.67	0.0022	P	2.6
3	☐	50.000	53.160	404967.42	0.0228	P	0.7
4	☐	125.000	129.121	974081.98	0.0554	P	0.4
5	☐	250.000	255.853	1931960.16	0.1097	A	1.0
6	☐	500.000	502.453	3681787.93	0.2155	A	1.0
7	☐	1000.000	996.637	7314864.75	0.4274	A	0.7
8	☐			28211.70	0.0018	P	1.4

$$y = 4.2877\text{E-}004 * x + 4.2290\text{E-}005$$

$$R = 1.0000$$

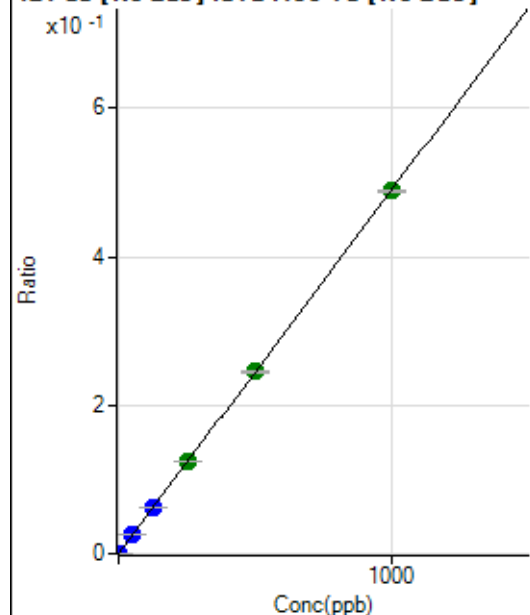
$$DL = 0.01836$$

$$BEC = 0.09863$$

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	77.78	0.0000	P	58.5
2	☐	2.000	1.962	17422.05	0.0010	P	1.1
3	☐	50.000	51.994	451599.41	0.0255	P	0.8
4	☐	125.000	127.924	1101415.68	0.0626	P	0.3
5	☐	250.000	253.099	2181899.20	0.1239	A	1.1
6	☐	500.000	501.325	4194659.16	0.2455	A	1.3
7	☐	1000.000	998.098	8365655.40	0.4888	A	0.5
8	☐			24465.83	0.0015	P	1.9

$$y = 4.8969\text{E-}004 * x + 4.3680\text{E-}006$$

$$R = 1.0000$$

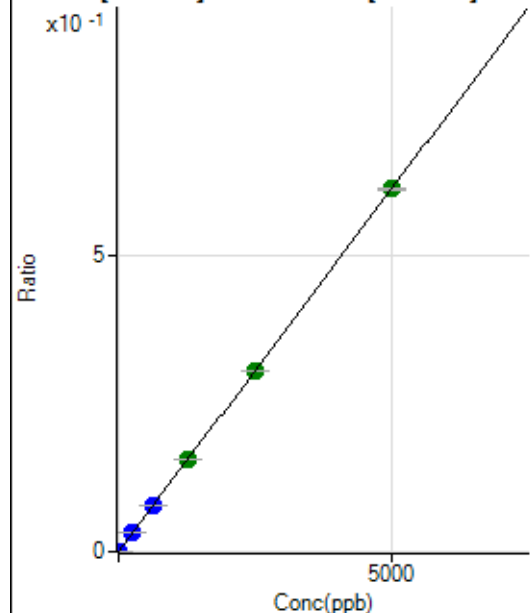
$$DL = 0.01565$$

$$BEC = 0.00892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	103.2
2	☐	10.000	9.816	21792.20	0.0012	P	2.3
3	☐	250.000	255.969	557261.87	0.0314	P	1.1
4	☐	625.000	629.633	1358922.10	0.0773	P	0.4
5	☐	1250.000	1275.673	2756817.88	0.1566	A	0.6
6	☐	2500.000	2482.916	5208289.79	0.3048	A	0.2
7	☐	5000.000	5001.247	10508228.19	0.6139	A	0.4
8	☐			26246.99	0.0016	P	1.6

$$y = 1.2276E-004 * x + 2.0210E-006$$

$$R = 1.0000$$

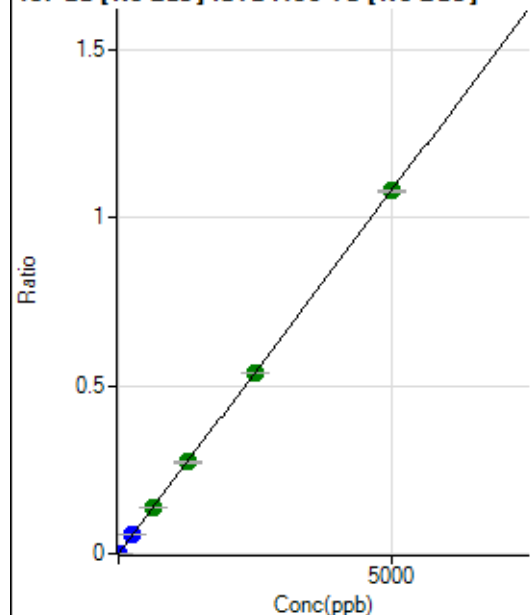
$$DL = 0.05095$$

$$BEC = 0.01646$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	70.4
2	☐	10.000	9.637	37608.90	0.0021	P	1.2
3	☐	250.000	256.603	982080.36	0.0554	P	0.6
4	☐	625.000	643.742	2442400.86	0.1389	A	0.7
5	☐	1250.000	1260.931	4790221.81	0.2721	A	1.0
6	☐	2500.000	2495.686	9202732.15	0.5386	A	0.4
7	☐	5000.000	4996.752	18456133.40	1.0783	A	0.5
8	☐			46331.84	0.0029	P	1.7

$$y = 2.1580E-004 * x + 3.4458E-006$$

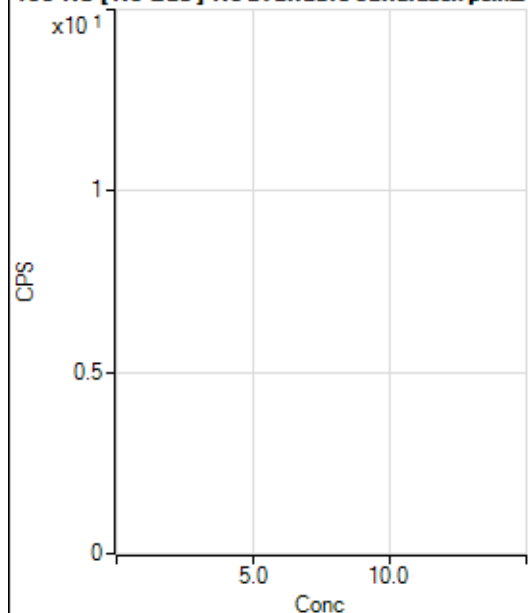
$$R = 1.0000$$

$$DL = 0.03373$$

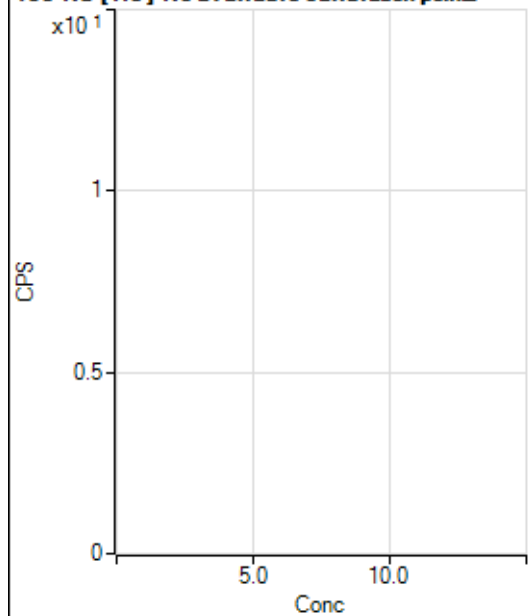
$$BEC = 0.01597$$

Weight: <None>

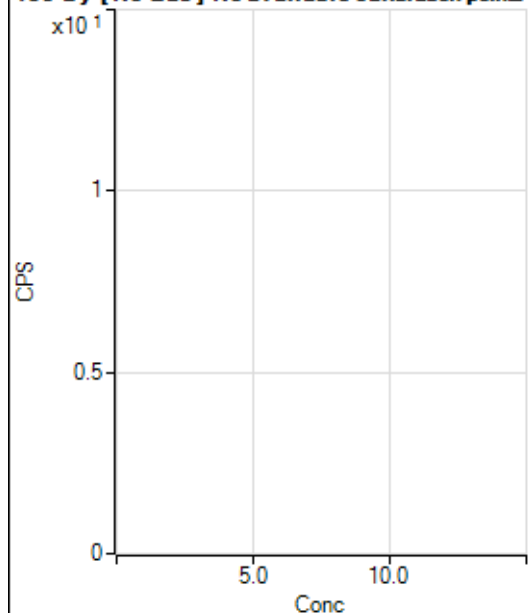
Min Conc: 0

150 Nd [No Gas] No available calibration points

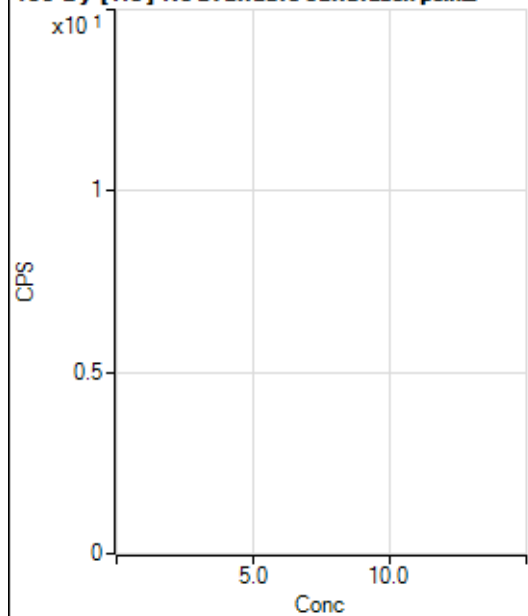
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	57.3
2	☐			8.89		P	86.6
3	☐			57.78		P	40.5
4	☐			131.12		P	12.8
5	☐			253.34		P	17.3
6	☐			488.91		P	10.2
7	☐			935.61		P	9.3
8	☐			117.78		P	16.3

150 Nd [He] No available calibration points

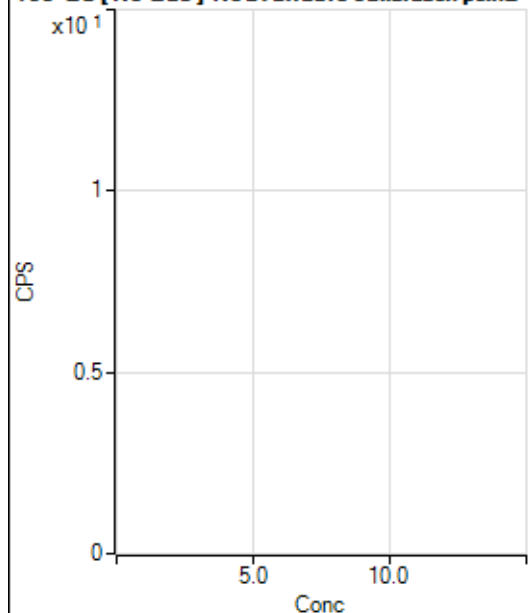
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐			12.22		P	56.8
3	☐			22.22		P	31.2
4	☐			31.11		P	27.0
5	☐			52.22		P	28.8
6	☐			108.89		P	7.7
7	☐			197.78		P	1.9
8	☐			64.44		P	34.4

156 Dy [No Gas] No available calibration points

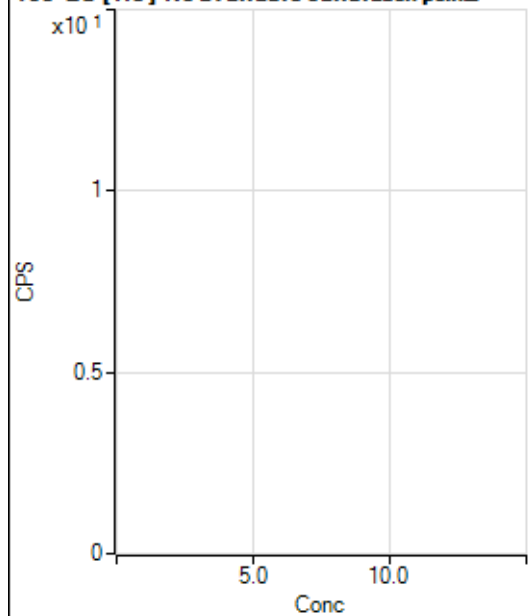
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			8.33		P	100.0
3	☐			33.34		P	66.1
4	☐			63.89		P	19.9
5	☐			125.00		P	24.0
6	☐			255.57		P	13.2
7	☐			450.02		P	5.6
8	☐			997.28		P	7.7

156 Dy [He] No available calibration points

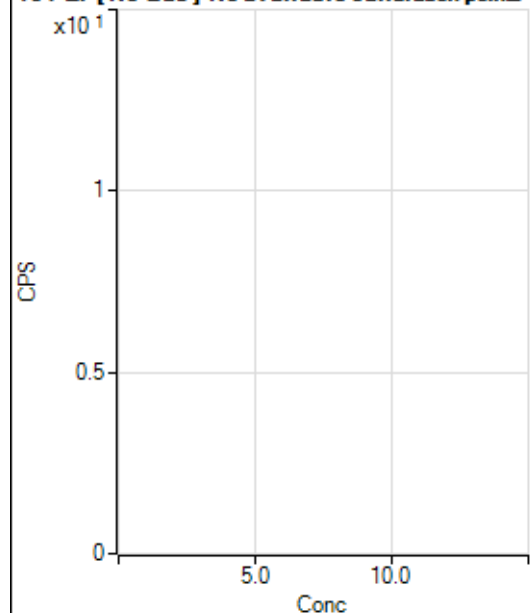
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			8.89		P	43.3
3	☐			44.44		P	22.9
4	☐			68.89		P	5.6
5	☐			150.01		P	13.9
6	☐			240.00		P	15.0
7	☐			465.57		P	14.9
8	☐			624.46		P	1.9

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

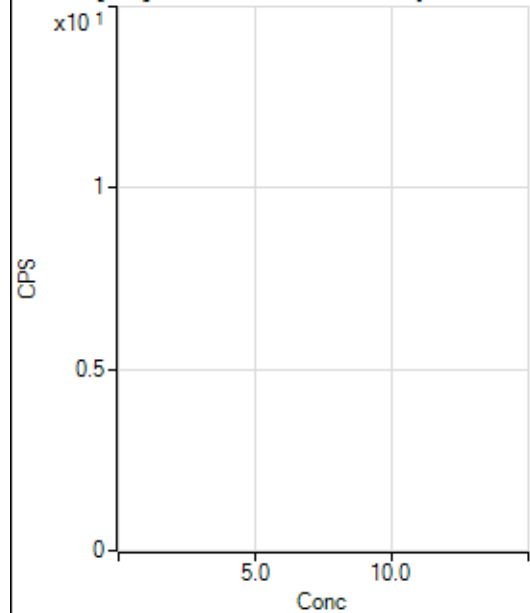
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.00		P	29.1
2	☐			136.12		P	17.7
3	☐			133.34		P	18.7
4	☐			141.67		P	21.2
5	☐			141.67		P	32.8
6	☐			188.89		P	11.1
7	☐			238.90		P	23.2
8	☐			719.48		P	4.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			424.46		P	3.2
2	☐			387.79		P	2.8
3	☐			386.68		P	10.2
4	☐			354.45		P	9.2
5	☐			441.13		P	15.0
6	☐			425.57		P	5.1
7	☐			487.79		P	4.4
8	☐			891.15		P	6.4

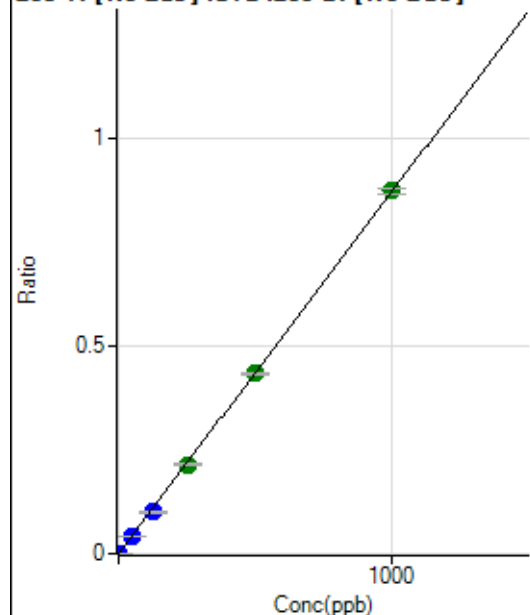
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			122.23		P	15.7
2	☐			86.11		P	20.1
3	☐			150.00		P	36.4
4	☐			150.00		P	14.7
5	☐			161.12		P	15.8
6	☐			163.90		P	5.9
7	☐			244.45		P	8.6
8	☐			208.34		P	8.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			85.56		P	37.0
2	☐			90.00		P	28.0
3	☐			80.00		P	4.2
4	☐			75.56		P	12.7
5	☐			102.22		P	14.7
6	☐			115.56		P	11.7
7	☐			140.00		P	17.2
8	☐			131.11		P	14.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.24	0.0000	P	4.7
2	☐	1.000	0.861	8602.97	0.0008	P	4.3
3	☐	50.000	45.416	430954.21	0.0396	P	1.0
4	☐	125.000	114.566	1074190.31	0.0999	P	1.2
5	☐	250.000	246.236	2316496.23	0.2147	A	1.9
6	☐	500.000	497.816	4554524.45	0.4341	A	0.8
7	☐	1000.000	1003.566	9162053.85	0.8751	A	1.5
8	☐			20160.03	0.0023	P	3.1

$$y = 8.7192\text{E-}004 * x + 3.9040\text{E-}005$$

$$R = 0.9999$$

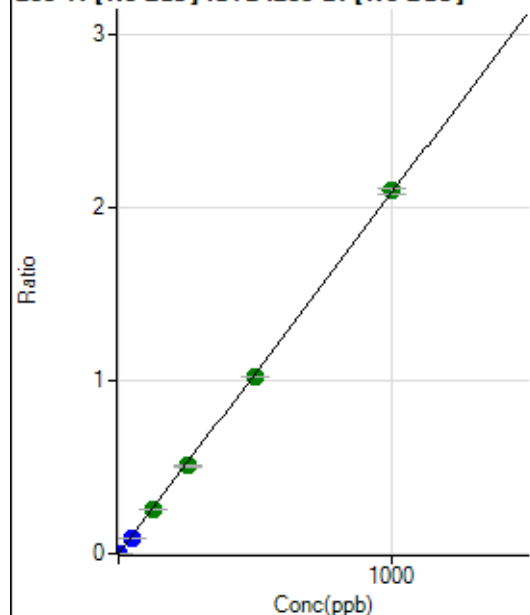
$$DL = 0.006331$$

$$BEC = 0.04477$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1180.64	0.0001	P	13.1
2	☐	1.000	0.858	20674.65	0.0019	P	1.7
3	☐	50.000	44.982	1020772.80	0.0939	P	1.1
4	☐	125.000	123.909	2778185.91	0.2584	A	0.6
5	☐	250.000	244.946	5510185.11	0.5108	A	2.0
6	☐	500.000	491.627	10755164.65	1.0251	A	0.0
7	☐	1000.000	1005.837	21957303.09	2.0971	A	1.3
8	☐			46857.06	0.0053	P	2.2

$$y = 0.0021 * x + 1.0919\text{E-}004$$

$$R = 0.9999$$

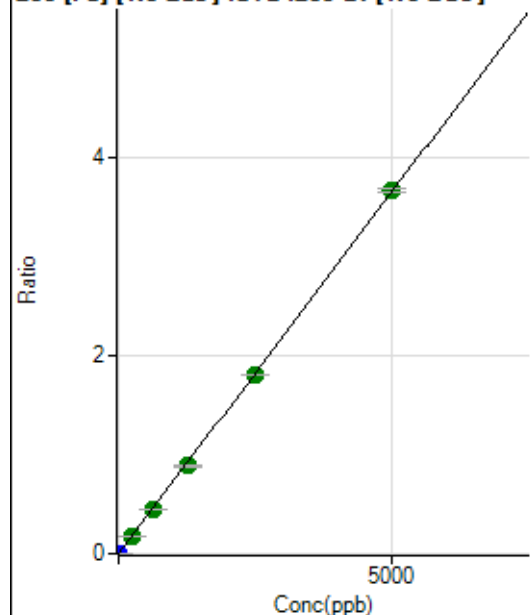
$$DL = 0.0206$$

$$BEC = 0.05237$$

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	300.01	0.0000	P	13.8
2	☐	1.000	0.855	7105.69	0.0007	P	6.2
3	☐	250.000	248.037	1970579.67	0.1813	A	1.9
4	☐	625.000	622.803	4892260.24	0.4551	A	0.5
5	☐	1250.000	1214.990	9577423.82	0.8878	A	2.2
6	☐	2500.000	2476.332	18985372.65	1.8095	A	0.5
7	☐	5000.000	5020.959	38413809.19	3.6689	A	1.2
8	☐			75602.53	0.0085	P	0.9

$$y = 7.3070\text{E-}004 * x + 2.7735\text{E-}005$$

$$R = 1.0000$$

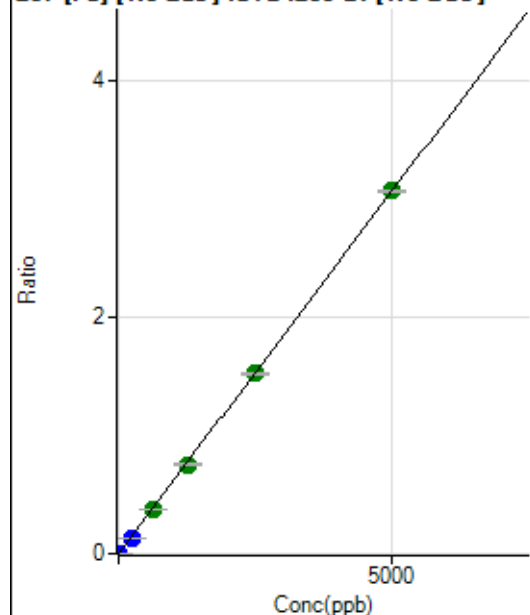
$$DL = 0.01566$$

$$BEC = 0.03796$$

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	253.71	0.0000	P	13.5
2	☐	1.000	0.826	5768.04	0.0005	P	0.5
3	☐	250.000	217.382	1448725.41	0.1333	P	1.3
4	☐	625.000	619.305	4080554.84	0.3796	A	0.3
5	☐	1250.000	1226.771	8111240.34	0.7519	A	2.1
6	☐	2500.000	2489.843	16011759.74	1.5261	A	0.8
7	☐	5000.000	5013.229	32173015.07	3.0727	A	0.5
8	☐			61046.04	0.0068	P	0.7

$$y = 6.1291\text{E-}004 * x + 2.3465\text{E-}005$$

$$R = 1.0000$$

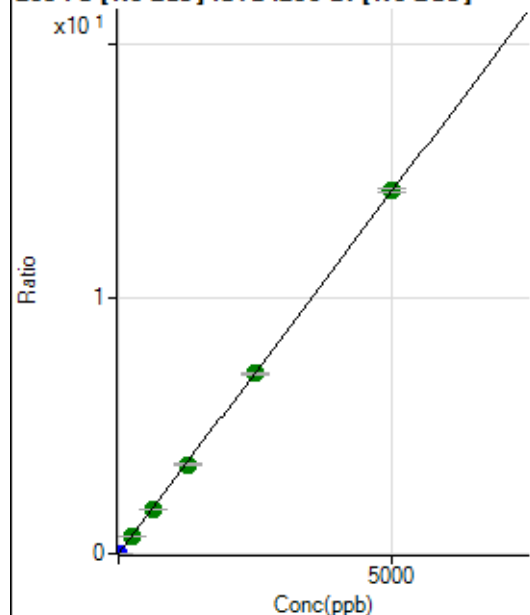
$$DL = 0.01547$$

$$BEC = 0.03828$$

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	1198.20	0.0001	P	7.7
2	☐	1.000	0.850	27463.41	0.0025	P	1.2
3	☐	250.000	242.679	7484740.65	0.6885	A	1.0
4	☐	625.000	618.272	18852665.23	1.7538	A	0.1
5	☐	1250.000	1226.346	37525513.22	3.4786	A	1.8
6	☐	2500.000	2486.896	74011722.37	7.0540	A	0.8
7	☐	5000.000	5013.673	148900037.5	14.2210	A	1.0
8	☐			286414.28	0.0321	P	1.3

$$y = 0.0028 * x + 1.1080E-004$$

$$R = 1.0000$$

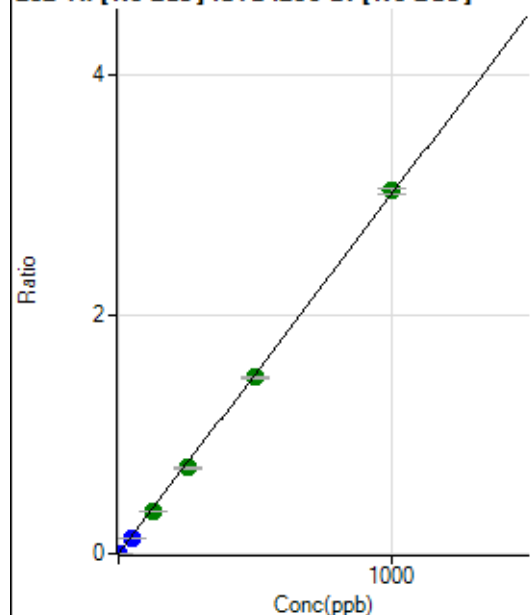
$$DL = 0.008968$$

$$BEC = 0.03906$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	450.02	0.0000	P	13.3
2	☐	1.000	0.754	25136.15	0.0023	P	2.1
3	☐	50.000	40.496	1324377.59	0.1218	P	1.3
4	☐	125.000	118.431	3828835.30	0.3562	A	0.7
5	☐	250.000	238.122	7725026.45	0.7161	A	1.9
6	☐	500.000	489.808	15454460.30	1.4730	A	1.0
7	☐	1000.000	1009.362	31782483.35	3.0353	A	1.6
8	☐			56837.57	0.0064	P	1.1

$$y = 0.0030 * x + 4.1620E-005$$

$$R = 0.9998$$

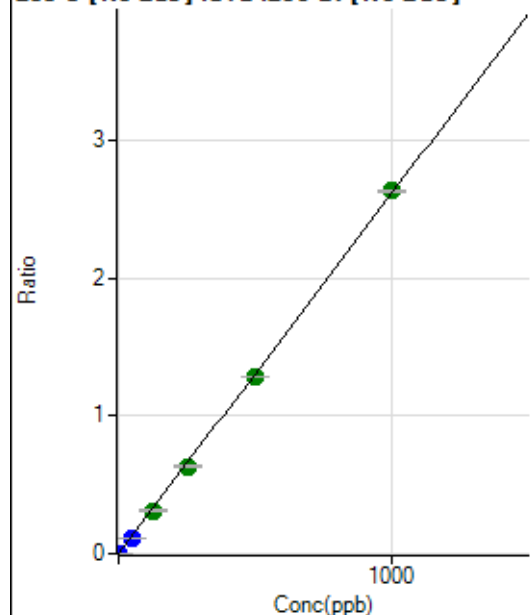
$$DL = 0.005511$$

$$BEC = 0.01384$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	44.4
2	☐	1.000	0.829	23652.83	0.0022	P	1.2
3	☐	50.000	42.599	1211124.75	0.1114	P	2.3
4	☐	125.000	120.004	3373557.56	0.3138	A	0.7
5	☐	250.000	240.732	6790957.66	0.6295	A	2.1
6	☐	500.000	490.885	13468637.19	1.2837	A	0.5
7	☐	1000.000	1007.869	27597302.70	2.6356	A	0.7
8	☐			52630.21	0.0059	P	0.8

$$y = 0.0026 * x + 4.3673E-006$$

$$R = 0.9999$$

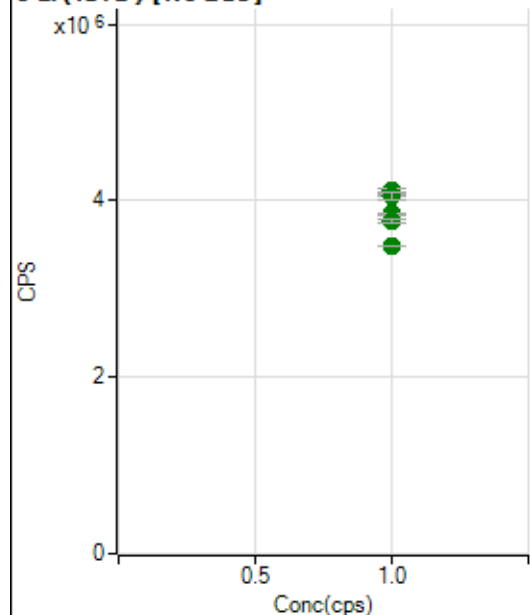
$$DL = 0.002224$$

$$BEC = 0.00167$$

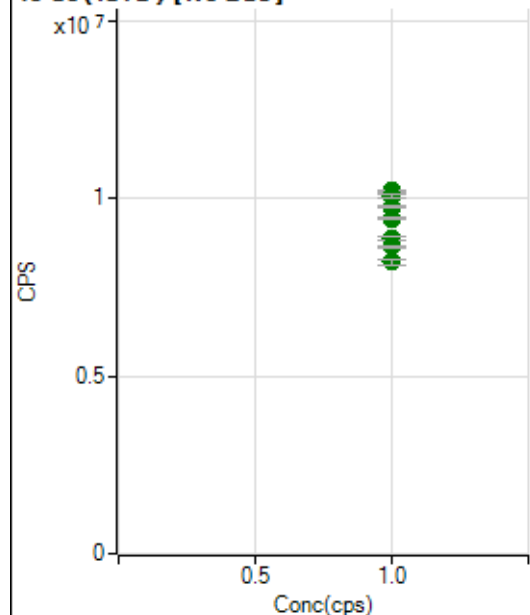
Weight: <None>

Min Conc: 0

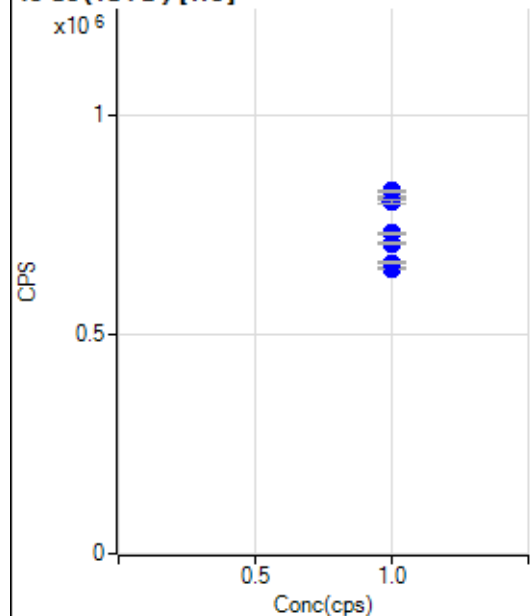
6 Li (ISTD) [No Gas]



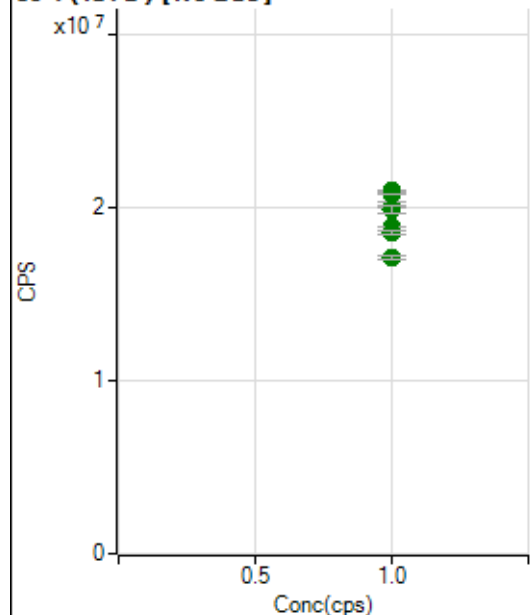
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4066316.54		A	0.2
2	☐	1.000		4088898.07		A	0.6
3	☐	1.000		4110311.78		A	1.8
4	☐	1.000		4104986.85		A	1.2
5	☐	1.000		4045442.06		A	2.3
6	☐	1.000		3853268.59		A	0.6
7	☐	1.000		3773006.51		A	0.9
8	☐	1.000		3482924.95		A	0.3

45 Sc (ISTD) [No Gas]

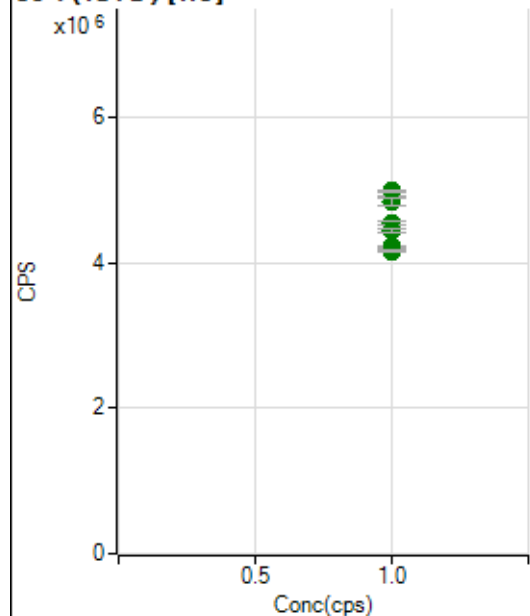
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10124217.91		A	0.7
2	☐	1.000		10200164.50		A	0.6
3	☐	1.000		10060837.21		A	1.2
4	☐	1.000		9746134.30		A	0.6
5	☐	1.000		9428885.34		A	0.6
6	☐	1.000		8855133.48		A	1.0
7	☐	1.000		8627728.27		A	0.1
8	☐	1.000		8193934.25		A	1.4

45 Sc (ISTD) [He]

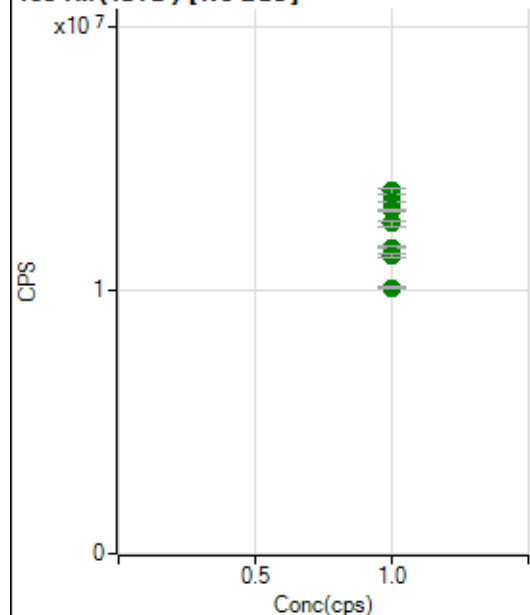
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		813738.82		P	0.5
2	☐	1.000		828009.13		P	0.6
3	☐	1.000		801908.02		P	1.3
4	☐	1.000		732757.10		P	0.6
5	☐	1.000		707266.40		P	0.8
6	☐	1.000		663277.29		P	0.3
7	☐	1.000		651492.27		P	0.5
8	☐	1.000		664231.17		P	0.9

89 Y (ISTD) [No Gas]

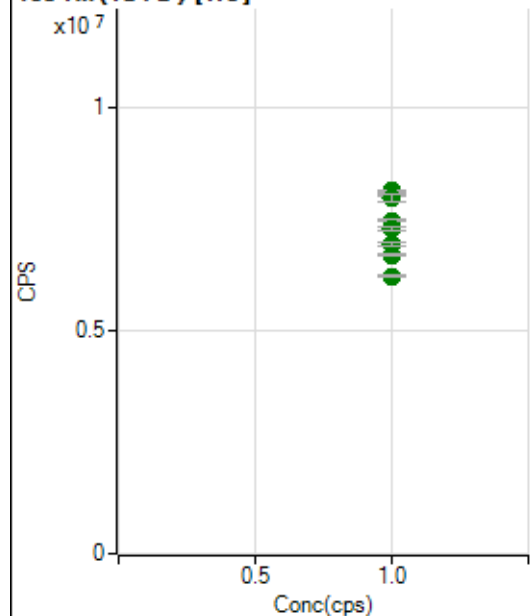
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20847964.55		A	1.0
2	☐	1.000		20983341.63		A	0.6
3	☐	1.000		20802177.88		A	0.3
4	☐	1.000		20178642.34		A	1.2
5	☐	1.000		19919783.17		A	2.0
6	☐	1.000		18920247.63		A	0.4
7	☐	1.000		18581720.42		A	0.9
8	☐	1.000		17103569.05		A	1.1

89 Y (ISTD) [He]

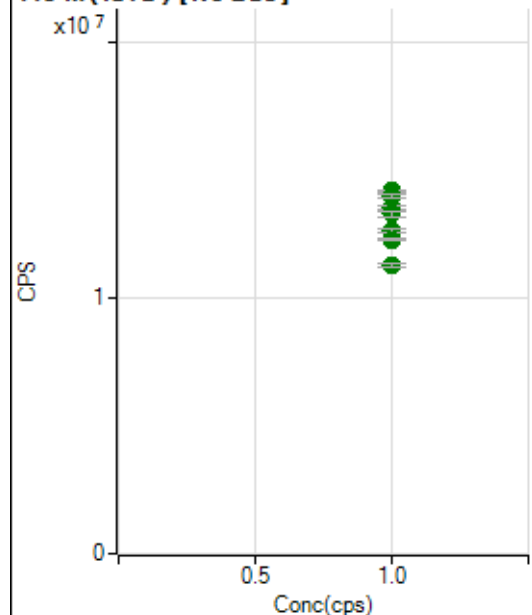
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4915460.48		A	0.3
2	☐	1.000		4991101.73		A	0.3
3	☐	1.000		4833227.71		A	2.2
4	☐	1.000		4549225.21		A	1.0
5	☐	1.000		4441235.31		A	1.3
6	☐	1.000		4235705.14		A	0.5
7	☐	1.000		4181968.31		A	1.1
8	☐	1.000		4163460.11		A	0.7

103 Rh (ISTD) [No Gas]

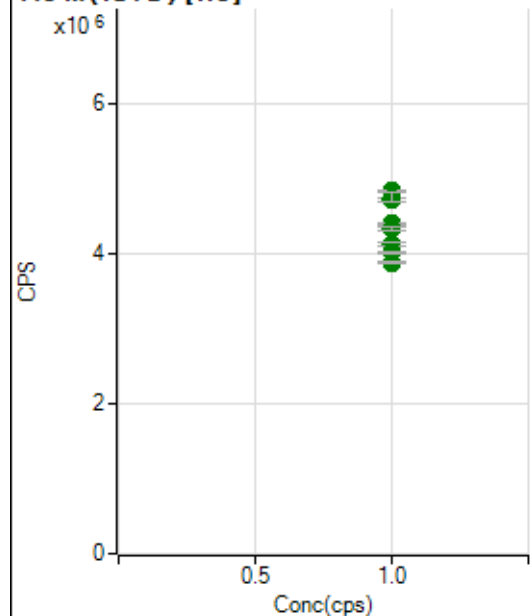
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13644711.32		A	0.3
2	☐	1.000		13753648.13		A	1.6
3	☐	1.000		13349727.02		A	0.3
4	☐	1.000		13028934.25		A	0.6
5	☐	1.000		12506344.81		A	1.5
6	☐	1.000		11625240.52		A	0.8
7	☐	1.000		11272095.18		A	1.4
8	☐	1.000		10068233.25		A	0.8

103 Rh (ISTD) [He]

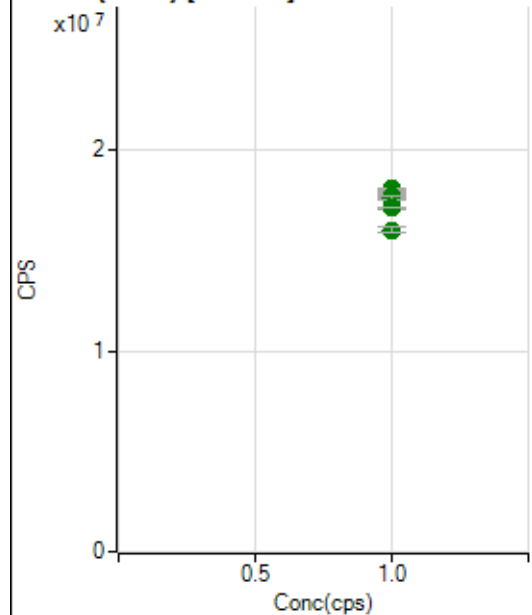
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8075834.67		A	1.2
2	☐	1.000		8144634.53		A	0.5
3	☐	1.000		7995186.20		A	2.2
4	☐	1.000		7478064.82		A	0.5
5	☐	1.000		7286368.16		A	1.4
6	☐	1.000		6947024.55		A	1.3
7	☐	1.000		6705581.92		A	0.8
8	☐	1.000		6223948.38		A	0.9

115 In (ISTD) [No Gas]

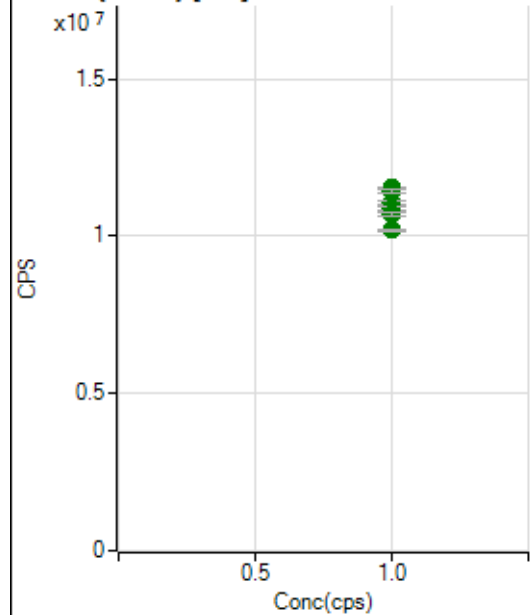
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14130219.82		A	0.9
2	☐	1.000		14169775.13		A	0.6
3	☐	1.000		13965471.63		A	0.7
4	☐	1.000		13551043.10		A	1.0
5	☐	1.000		13265643.48		A	1.9
6	☐	1.000		12618497.05		A	1.0
7	☐	1.000		12278260.12		A	0.4
8	☐	1.000		11273730.74		A	1.7

115 In (ISTD) [He]

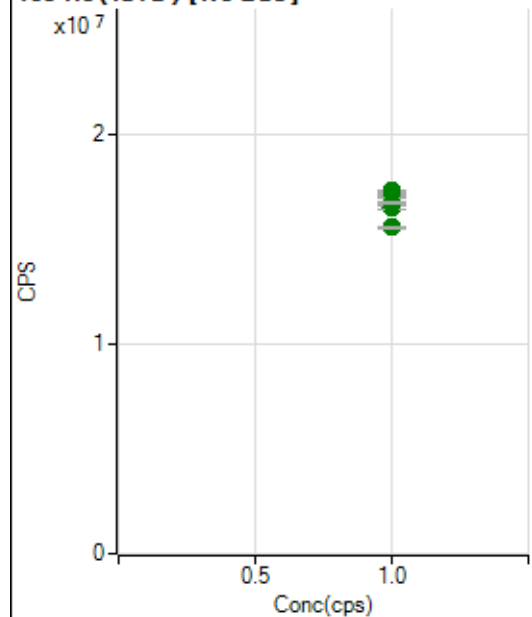
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4715470.19		A	1.2
2	☐	1.000		4827384.49		A	0.8
3	☐	1.000		4738805.36		A	2.7
4	☐	1.000		4389075.28		A	0.2
5	☐	1.000		4324158.70		A	1.2
6	☐	1.000		4119956.75		A	1.5
7	☐	1.000		4013442.56		A	0.7
8	☐	1.000		3875202.73		A	0.9

159 Tb (ISTD) [No Gas]

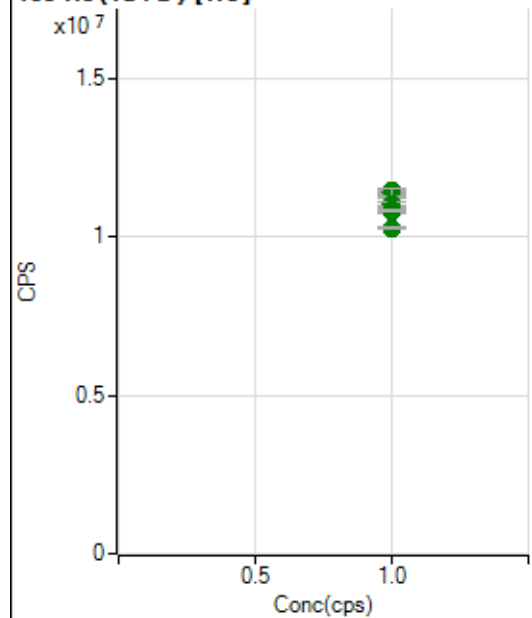
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17738969.60		A	1.4
2	☐	1.000		18054592.23		A	0.6
3	☐	1.000		17734093.76		A	0.3
4	☐	1.000		17581211.68		A	0.2
5	☐	1.000		17604845.57		A	0.8
6	☐	1.000		17087620.58		A	0.9
7	☐	1.000		17116036.55		A	0.2
8	☐	1.000		16023039.62		A	1.4

159 Tb (ISTD) [He]

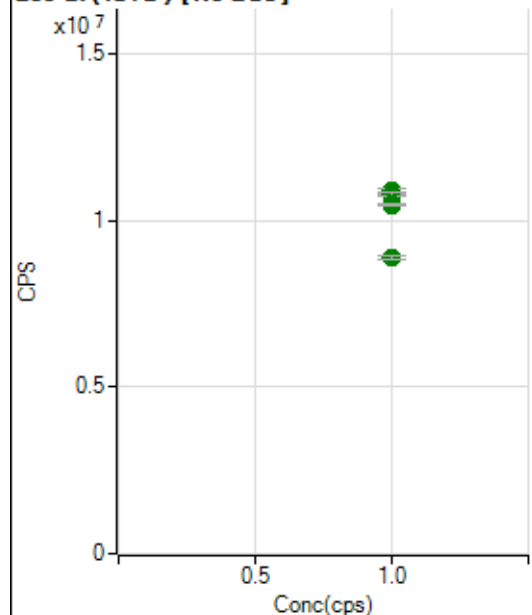
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11447304.13		A	0.9
2	☐	1.000		11531825.38		A	0.8
3	☐	1.000		11407703.44		A	1.1
4	☐	1.000		10803521.99		A	0.7
5	☐	1.000		11080032.06		A	1.3
6	☐	1.000		10876677.13		A	1.1
7	☐	1.000		10706914.35		A	1.4
8	☐	1.000		10191604.64		A	0.7

165 Ho (ISTD) [No Gas]

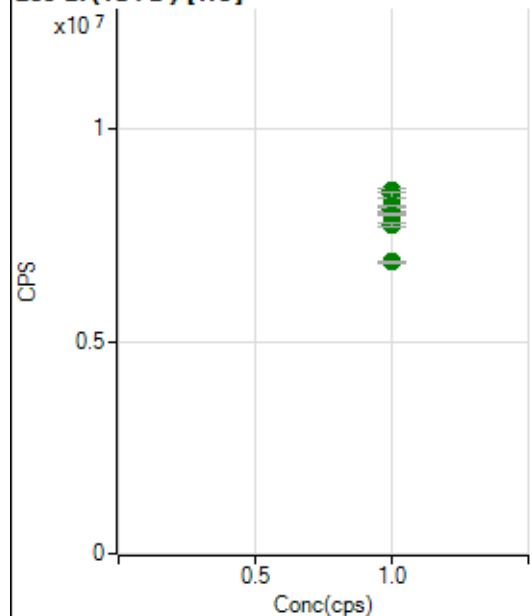
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17242387.94		A	0.5
2	☐	1.000		17309025.72		A	0.6
3	☐	1.000		17135158.50		A	1.2
4	☐	1.000		17105947.66		A	1.0
5	☐	1.000		16967378.64		A	0.3
6	☐	1.000		16524704.06		A	1.3
7	☐	1.000		16726174.61		A	0.7
8	☐	1.000		15574705.88		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11290436.36		A	1.0
2	☐	1.000		11452395.94		A	0.3
3	☐	1.000		11418222.19		A	2.3
4	☐	1.000		10908407.61		A	0.4
5	☐	1.000		11064476.29		A	1.0
6	☐	1.000		10800898.73		A	0.7
7	☐	1.000		10836762.34		A	0.8
8	☐	1.000		10288669.50		A	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10814886.30		A	0.3
2	☐	1.000		10888817.40		A	0.9
3	☐	1.000		10872812.96		A	1.3
4	☐	1.000		10749682.20		A	0.7
5	☐	1.000		10789398.59		A	1.4
6	☐	1.000		10492022.69		A	0.3
7	☐	1.000		10470884.71		A	0.8
8	☐	1.000		8913855.77		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8396615.08		A	0.2
2	☐	1.000		8553093.69		A	1.0
3	☐	1.000		8457469.39		A	1.4
4	☐	1.000		8114446.13		A	0.6
5	☐	1.000		8195820.92		A	0.5
6	☐	1.000		7992654.19		A	0.7
7	☐	1.000		7751040.79		A	0.7
8	☐	1.000		6885719.48		A	0.5