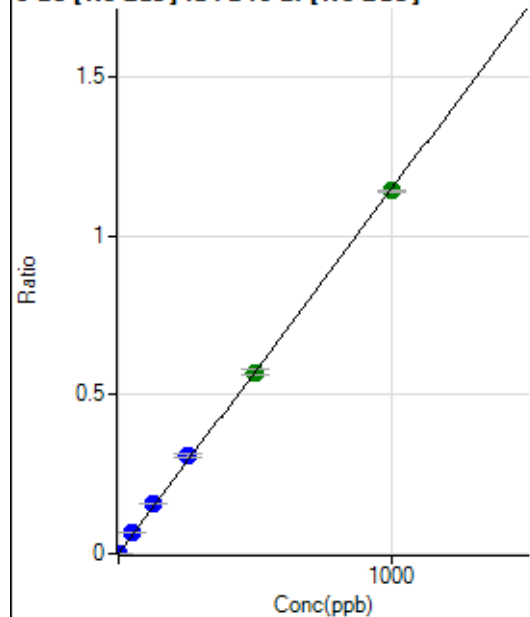


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102324-MS2.b\
 Analysis File: P7102324-MS2.batch.bin
 DA Date-Time: 2024-10-24 08:15:28
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-23 16:08:40
2	005CALS.d	S02	2024-10-23 16:11:57
3	006CALS.d	S03	2024-10-23 16:15:16
4	007CALS.d	S04	2024-10-23 16:18:13
5	008CALS.d	S05	2024-10-23 16:21:05
6	009CALS.d	S06	2024-10-23 16:23:50
7	010CALS.d	S07	2024-10-23 16:26:38
8	011CALS.d	S08	2024-10-23 16:29:24

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.28	0.0000	P	6.0
2	☐	1.000	1.035	2501.90	0.0012	P	2.7
3	☐	50.000	57.122	139103.02	0.0655	P	1.0
4	☐	125.000	137.475	352395.25	0.1576	P	3.2
5	☐	250.000	268.451	694370.92	0.3077	P	2.4
6	☐	500.000	497.032	1298380.88	0.5698	A	3.1
7	☐	1000.000	994.956	2495662.08	1.1405	A	0.5
8	☐			304.25	0.0001	P	4.8

$$y = 0.0011 * x + 1.5387E-005$$

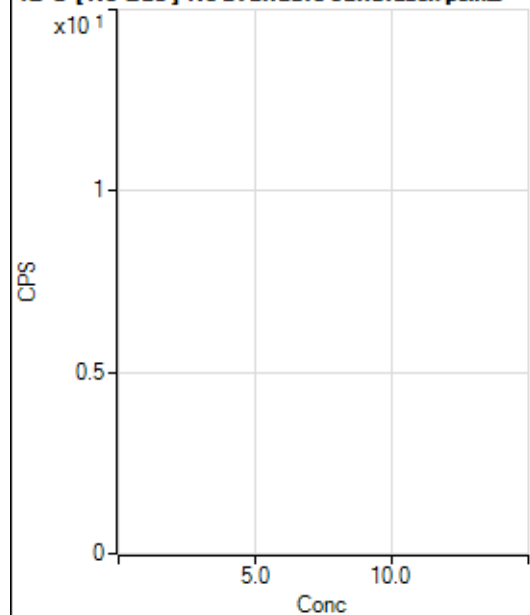
$$R = 0.9998$$

$$DL = 0.002398$$

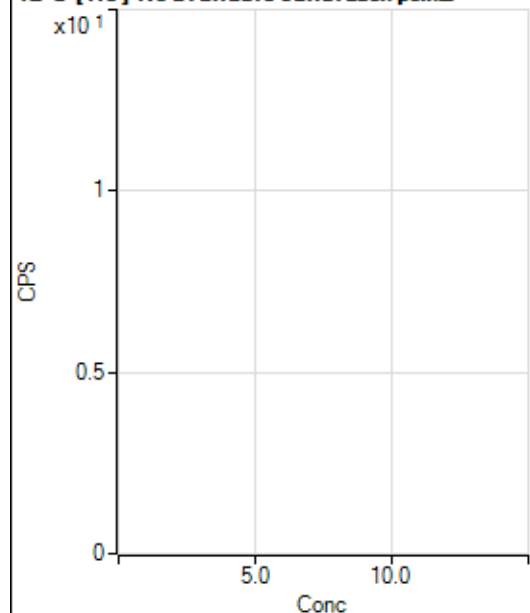
$$BEC = 0.01342$$

Weight: <None>

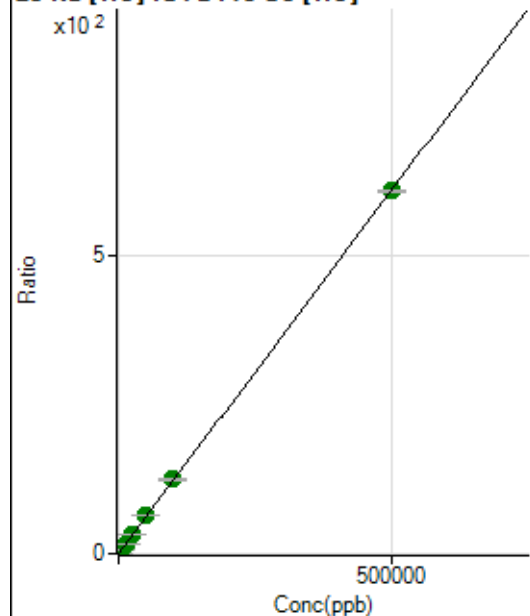
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	75499.23	0.0786	P	1.0
2	☐	500.000	520.048	682296.90	0.7115	P	0.1
3	☐	5000.000	5269.453	6116033.80	6.4914	A	0.5
4	☐	12500.000	13068.263	14825397.97	15.9823	A	0.8
5	☐	25000.000	25588.605	28962057.62	31.2193	A	0.9
6	☐	50000.000	52677.743	58390941.35	64.1861	A	0.6
7	☐	100000.00	102253.07	113855228.31	124.5180	A	1.1
8	☐	500000.00	499235.26	556914765.03	607.6354	A	0.9

$$y = 0.0012 * x + 0.0786$$

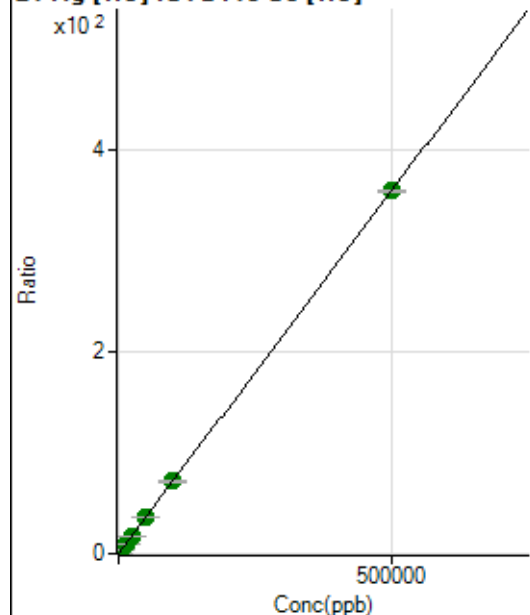
$$R = 1.0000$$

$$DL = 1.967$$

$$BEC = 64.59$$

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	1515.65	0.0016	P	9.9
2	☐	500.000	536.448	371711.13	0.3876	P	0.5
3	☐	5000.000	5063.653	3434668.59	3.6455	A	1.1
4	☐	12500.000	12600.333	8412414.18	9.0690	A	0.3
5	☐	25000.000	24620.823	16437062.81	17.7191	A	0.7
6	☐	50000.000	50313.185	32938713.95	36.2077	A	0.5
7	☐	100000.00	99665.938	65581983.47	71.7228	A	0.7
8	☐	500000.00	500051.27	329808986.20	359.8464	A	0.9

$$y = 7.1962\text{E-}004 * x + 0.0016$$

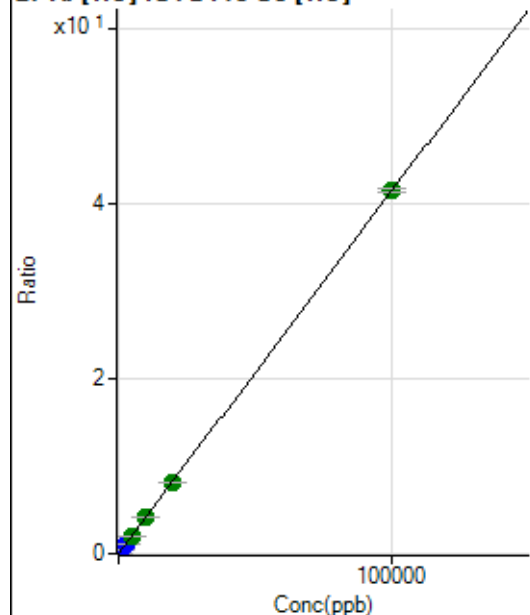
$$R = 1.0000$$

$$DL = 0.6496$$

$$BEC = 2.193$$

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	682.24	0.0007	P	9.1
2	☐	20.000	19.056	8254.51	0.0086	P	1.2
3	☐	1000.000	1077.738	421524.81	0.4474	P	1.5
4	☐	2500.000	2541.155	977631.12	1.0539	P	0.1
5	☐	5000.000	4890.602	1881145.09	2.0277	A	0.6
6	☐	10000.000	9910.150	3737296.65	4.1081	A	0.3
7	☐	20000.000	19587.293	7423975.10	8.1190	A	0.3
8	☐	100000.00	100095.19	38023621.94	41.4867	A	1.0

$$y = 4.1447\text{E-}004 * x + 7.1001\text{E-}004$$

$$R = 1.0000$$

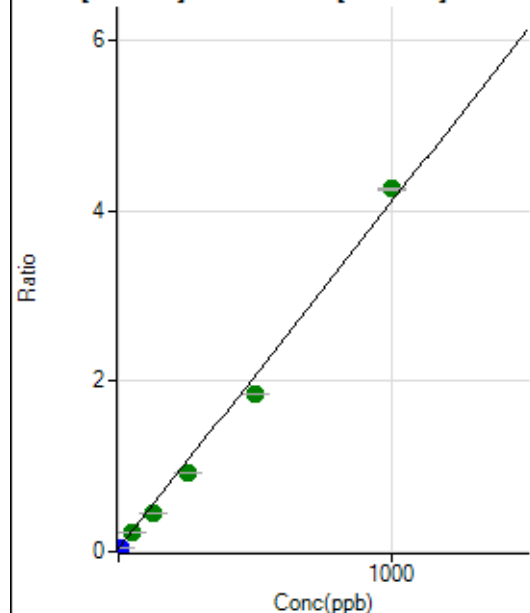
$$DL = 0.4684$$

$$BEC = 1.713$$

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	403664.86	0.0375	P	1.3
2	☐	10.000	1.066	452581.96	0.0418	P	0.8
3	☐	50.000	45.832	2409941.18	0.2237	A	2.9
4	☐	125.000	103.736	4860580.48	0.4589	A	1.4
5	☐	250.000	218.239	9785794.51	0.9239	A	1.5
6	☐	500.000	446.009	19095734.44	1.8491	A	0.6
7	☐	1000.000	1037.892	44553134.34	4.2531	A	0.9
8	☐			522505.69	0.0514	P	0.9

$$y = 0.0041 * x + 0.0375$$

$$R = 0.9975$$

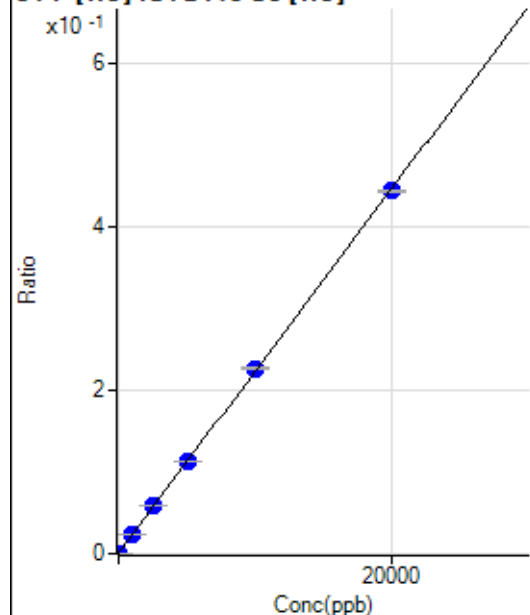
$$DL = 0.3563$$

$$BEC = 9.234$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.565	264.45	0.0003	P	12.9
2	☐	0.000	16.565	972.26	0.0010	P	7.4
3	☐	1000.000	1032.251	22287.45	0.0237	P	2.1
4	☐	2500.000	2588.461	54121.89	0.0583	P	0.2
5	☐	5000.000	5037.594	104757.56	0.1129	P	1.9
6	☐	10000.000	10160.802	206645.54	0.2271	P	0.3
7	☐	20000.000	19897.530	406166.98	0.4442	P	0.3
8	☐			426.68	0.0005	P	2.7

$$y = 2.2292E-005 * x + 6.4461E-004$$

$$R = 0.9999$$

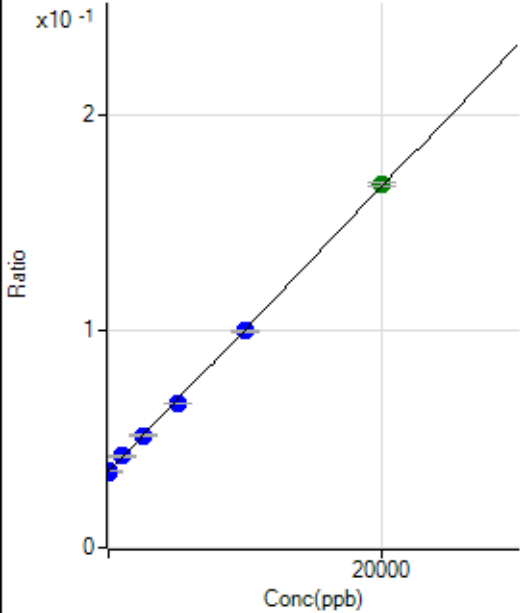
$$DL = 7.465$$

$$BEC = 28.92$$

Weight: <None>

Min Conc: 0

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

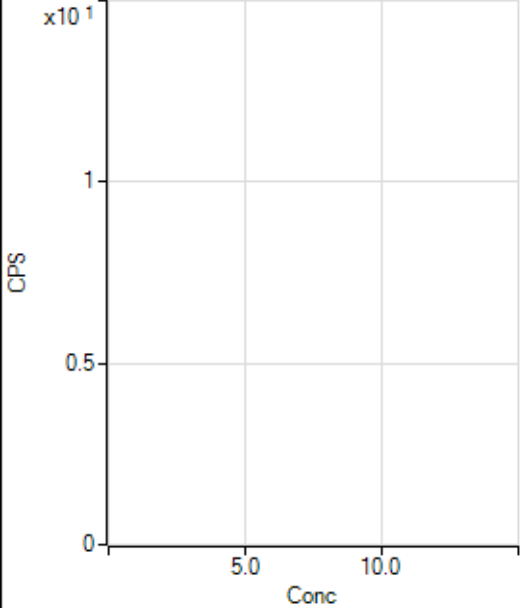


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-24.772	376210.96	0.0350	P	1.6
2	☐	0.000	24.772	381681.22	0.0353	P	0.2
3	☐	1000.000	1090.547	455862.50	0.0423	P	1.8
4	☐	2500.000	2547.789	549771.92	0.0519	P	0.4
5	☐	5000.000	4796.626	706573.19	0.0667	P	0.6
6	☐	10000.000	9854.978	1032797.26	0.1000	P	0.8
7	☐	20000.000	20112.854	1755283.93	0.1676	A	1.0
8	☐			322116.57	0.0317	P	3.6

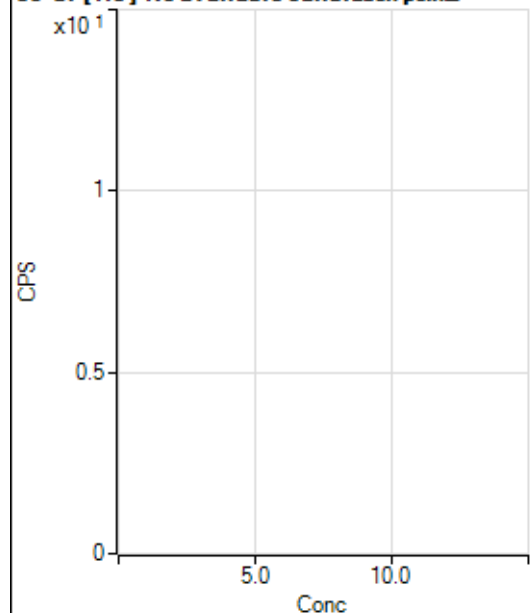
$y = 6.5850E-006 * x + 0.0351$
R = 0.9999
DL = 148.6
BEC = 5333

Weight: <None>
Min Conc: 0

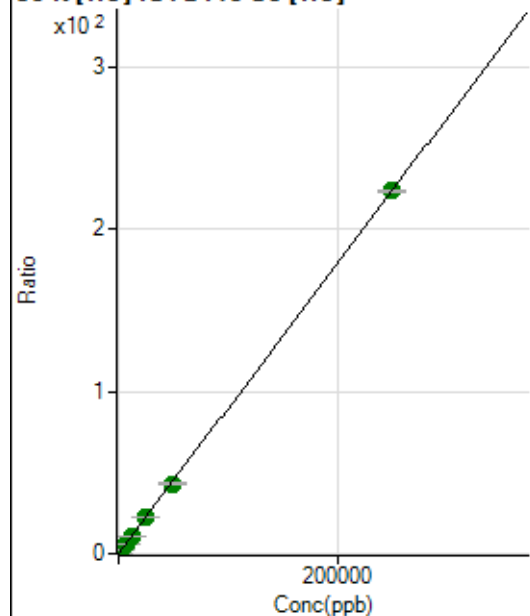
35 Cl [No Gas] No available calibration points



	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	106559.36	0.1109	P	1.2
2	☐	500.000	503.605	537592.43	0.5606	P	0.3
3	☐	2500.000	2505.482	2212230.25	2.3480	A	1.5
4	☐	6250.000	6173.682	5216122.52	5.6232	A	0.4
5	☐	12500.000	12108.230	10129538.88	10.9220	A	2.6
6	☐	25000.000	24579.351	20065877.34	22.0570	A	0.3
7	☐	50000.000	48276.277	39516384.13	43.2153	A	0.6
8	☐	250000.00	250408.24	205029745.83	223.6924	A	0.4

$$y = 8.9287E-004 * x + 0.1109$$

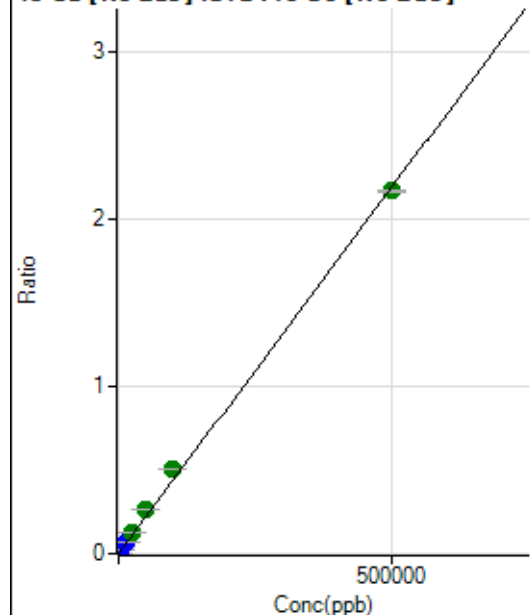
$$R = 1.0000$$

$$DL = 4.456$$

$$BEC = 124.2$$

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	570.02	0.0001	P	7.7
2	☐	500.000	509.403	24663.47	0.0023	P	1.6
3	☐	5000.000	6117.314	288715.46	0.0268	P	3.5
4	☐	12500.000	15249.723	706801.71	0.0667	P	1.0
5	☐	25000.000	29311.354	1357917.05	0.1282	A	0.5
6	☐	50000.000	60140.180	2715715.79	0.2630	A	0.5
7	☐	100000.00	115646.53	5296756.93	0.5057	A	1.9
8	☐	500000.00	495561.18	22028919.12	2.1666	A	0.6

$$y = 4.3719\text{E-}006 * x + 5.2932\text{E-}005$$

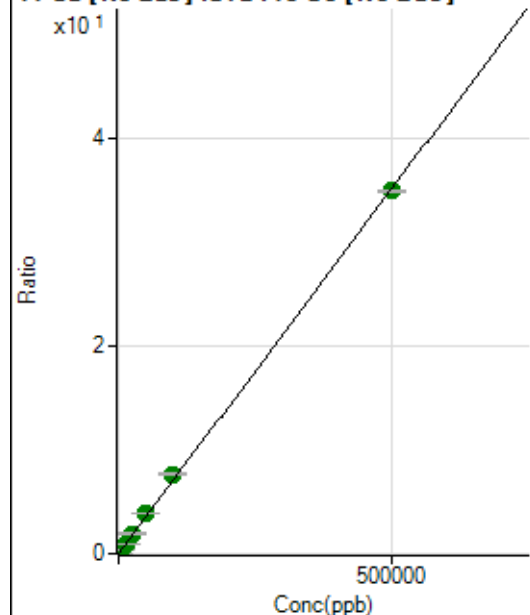
$$R = 0.9994$$

$$DL = 2.779$$

$$BEC = 12.11$$

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	56700.54	0.0053	P	1.5
2	☐	500.000	516.851	448791.60	0.0415	P	0.8
3	☐	5000.000	5502.290	4211605.25	0.3908	A	2.4
4	☐	12500.000	13715.501	10237249.15	0.9664	A	0.9
5	☐	25000.000	27542.816	20498717.89	1.9354	A	1.4
6	☐	50000.000	55000.804	39855230.52	3.8595	A	1.0
7	☐	100000.00	109146.46	80173873.81	7.6538	A	2.8
8	☐	500000.00	497508.05	354524523.61	34.8686	A	0.7

$$y = 7.0076\text{E-}005 * x + 0.0053$$

$$R = 0.9998$$

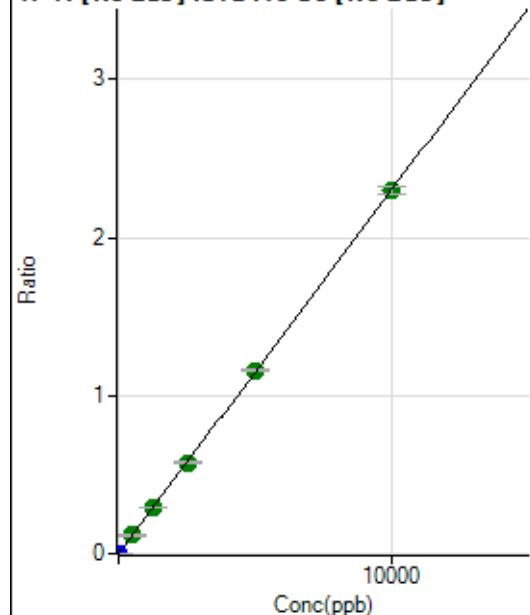
$$DL = 3.34$$

$$BEC = 75.18$$

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	298.89	0.0000	P	12.4
2	☐	5.000	4.481	11449.98	0.0011	P	2.6
3	☐	500.000	502.811	1246703.27	0.1157	A	1.5
4	☐	1250.000	1269.880	3094376.10	0.2921	A	1.8
5	☐	2500.000	2501.707	6094960.12	0.5755	A	1.4
6	☐	5000.000	5037.314	11965163.99	1.1587	A	1.3
7	☐	10000.000	9978.291	24042477.70	2.2952	A	2.1
8	☐			3201.48	0.0003	P	6.2

$$y = 2.3001\text{E-}004 * x + 2.7797\text{E-}005$$

$$R = 1.0000$$

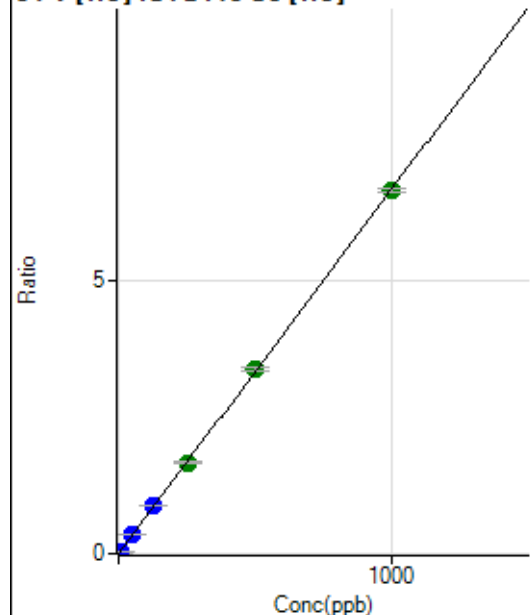
$$DL = 0.04499$$

$$BEC = 0.1209$$

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	20.00	0.0000	P	17.0
2	☐	5.000	4.986	32003.95	0.0334	P	0.7
3	☐	50.000	51.896	327079.15	0.3472	P	0.6
4	☐	125.000	129.769	805207.11	0.8680	P	0.1
5	☐	250.000	250.025	1551353.43	1.6724	A	1.2
6	☐	500.000	506.716	3083259.40	3.3895	A	1.6
7	☐	1000.000	995.945	6091578.66	6.6619	A	1.1
8	☐			1412.31	0.0015	P	4.0

$$y = 0.0067 * x + 2.0828\text{E-}005$$

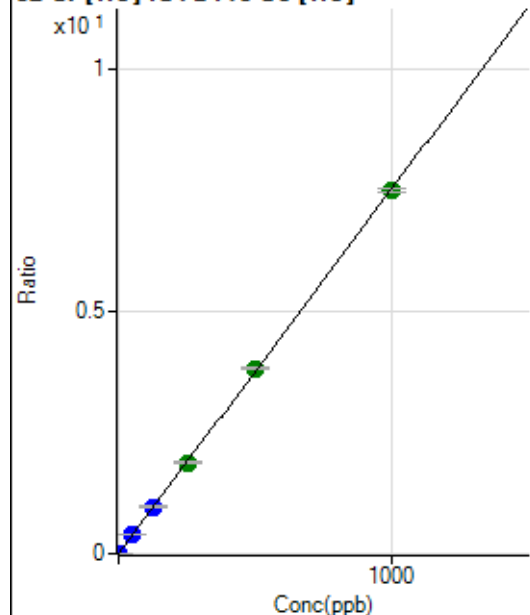
$$R = 1.0000$$

$$DL = 0.001587$$

$$BEC = 0.003114$$

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	1632.33	0.0017	P	3.6
2	☐	2.000	1.983	15938.54	0.0166	P	2.9
3	☐	50.000	52.204	371627.55	0.3944	P	0.6
4	☐	125.000	128.809	900453.05	0.9707	P	0.6
5	☐	250.000	248.945	1738867.86	1.8745	A	2.6
6	☐	500.000	508.704	3483005.47	3.8287	A	0.7
7	☐	1000.000	995.325	6848197.26	7.4896	A	1.0
8	☐			24798.72	0.0270	P	13.3

$$y = 0.0075 * x + 0.0017$$

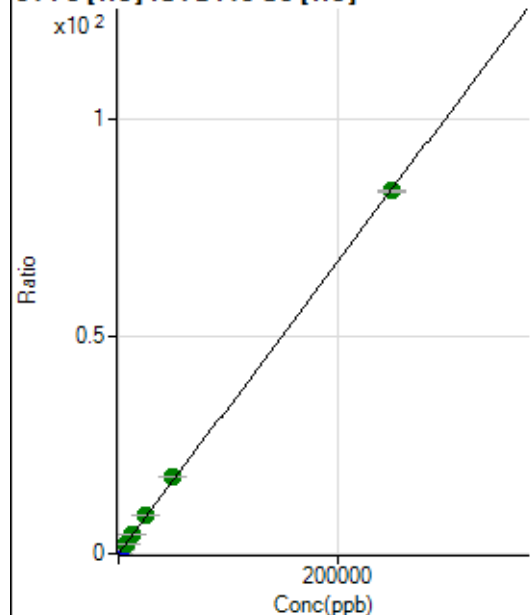
$$R = 0.9999$$

$$DL = 0.02463$$

$$BEC = 0.2258$$

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	2731.39	0.0028	P	3.2
2	☐	50.000	54.987	20416.14	0.0213	P	0.6
3	☐	2500.000	2822.930	894908.82	0.9498	P	1.0
4	☐	6250.000	6773.821	2110534.97	2.2752	A	1.0
5	☐	12500.000	13269.111	4131881.15	4.4541	A	0.6
6	☐	25000.000	26919.594	8217778.42	9.0334	A	0.9
7	☐	50000.000	52579.587	16130926.70	17.6414	A	0.8
8	☐	250000.00	249237.34	76634490.53	83.6128	A	0.7

$$y = 3.3546E-004 * x + 0.0028$$

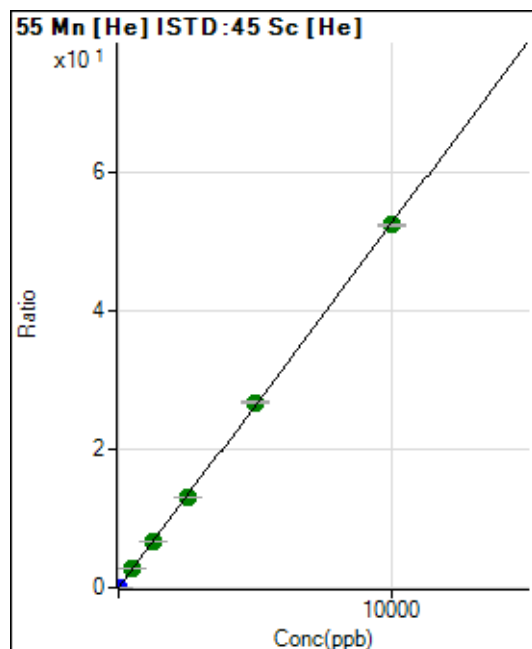
$$R = 0.9999$$

$$DL = 0.8081$$

$$BEC = 8.477$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1155.62	0.0012	P	6.2
2	☐	1.000	1.025	6326.94	0.0066	P	1.7
3	☐	500.000	506.223	2510828.52	2.6649	A	0.4
4	☐	1250.000	1273.311	6216223.45	6.7013	A	1.1
5	☐	2500.000	2492.422	12167315.65	13.1162	A	0.7
6	☐	5000.000	5076.191	24299906.58	26.7119	A	1.3
7	☐	10000.000	9960.574	47926282.06	52.4133	A	0.2
8	☐			25585.17	0.0279	P	0.7

$$y = 0.0053 * x + 0.0012$$

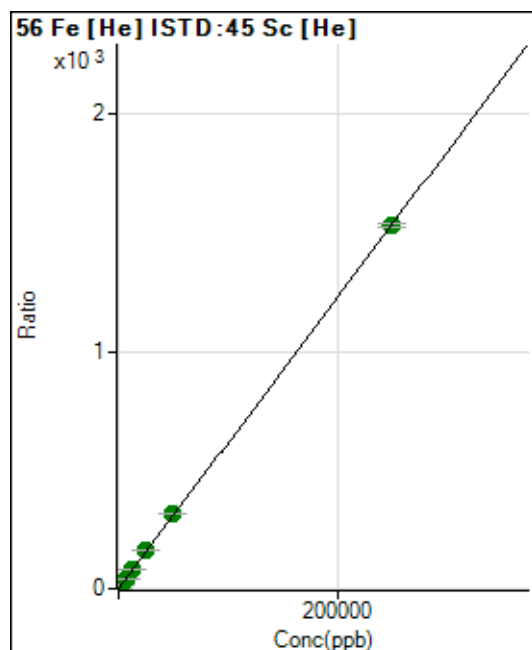
$$R = 1.0000$$

$$DL = 0.04259$$

$$BEC = 0.2286$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26531.83	0.0276	P	31.0
2	☐	50.000	52.894	337614.69	0.3521	P	0.5
3	☐	2500.000	2662.703	15413588.24	16.3596	A	1.0
4	☐	6250.000	6633.218	37765464.44	40.7131	A	0.9
5	☐	12500.000	13108.169	74607397.77	80.4279	A	1.7
6	☐	25000.000	26485.906	147811657.80	162.4815	A	1.2
7	☐	50000.000	51250.848	287461935.72	314.3797	A	0.7
8	☐	250000.00	249559.62	1402939925.7	1,530.725	A	1.2

$$y = 0.0061 * x + 0.0276$$

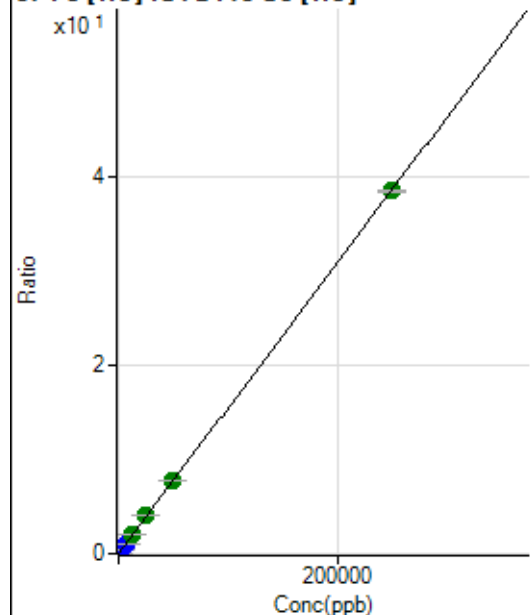
$$R = 1.0000$$

$$DL = 4.193$$

$$BEC = 4.504$$

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	2704.79	0.0028	P	10.0
2	☐	50.000	54.042	10669.42	0.0111	P	0.8
3	☐	2500.000	2766.701	403472.48	0.4282	P	1.0
4	☐	6250.000	6829.810	976764.48	1.0530	P	0.1
5	☐	12500.000	13063.315	1865663.58	2.0115	A	2.8
6	☐	25000.000	26295.829	3680742.58	4.0462	A	1.1
7	☐	50000.000	50212.924	7062318.78	7.7237	A	1.1
8	☐	250000.00	249782.50	35205467.81	38.4103	A	0.5

$$y = 1.5376\text{E-}004 * x + 0.0028$$

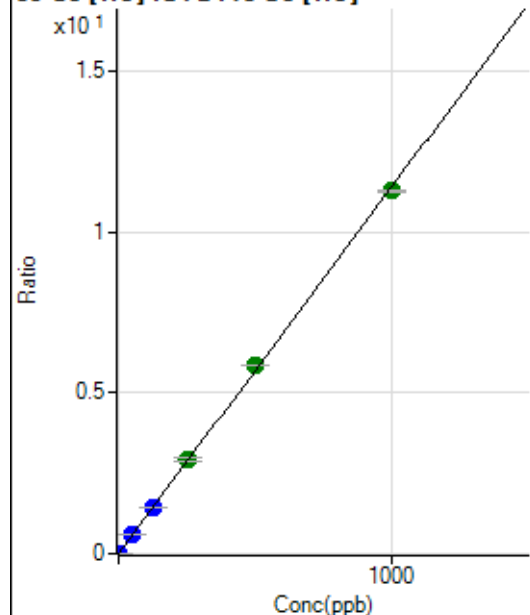
R = 1.0000

DL = 5.513

BEC = 18.31

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	196.68	0.0002	P	40.2
2	☐	1.000	1.034	11481.15	0.0120	P	1.3
3	☐	50.000	51.795	555483.12	0.5896	P	1.0
4	☐	125.000	128.197	1353314.60	1.4589	P	0.3
5	☐	250.000	257.379	2716177.95	2.9289	A	3.7
6	☐	500.000	515.280	5334300.06	5.8635	A	0.1
7	☐	1000.000	990.026	10301005.96	11.2656	A	0.6
8	☐			26752.81	0.0292	P	0.6

$$y = 0.0114 * x + 2.0492\text{E-}004$$

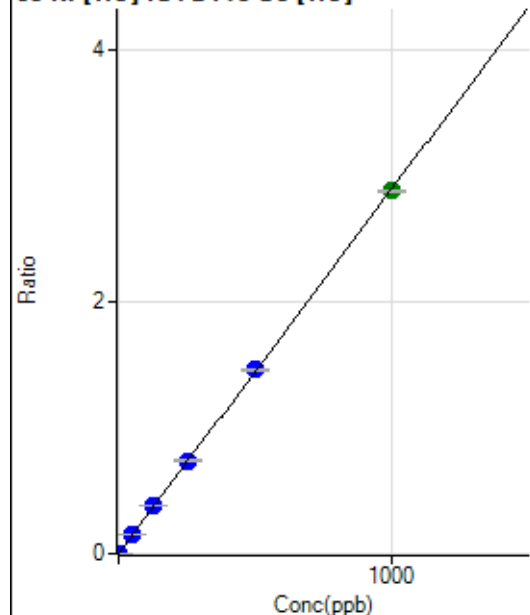
R = 0.9998

DL = 0.0217

BEC = 0.01801

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	354.45	0.0004	P	1.5
2	☐	1.000	1.061	3298.17	0.0034	P	0.8
3	☐	50.000	52.506	143566.32	0.1524	P	1.0
4	☐	125.000	129.814	348957.12	0.3762	P	0.2
5	☐	250.000	255.172	685496.84	0.7391	P	2.4
6	☐	500.000	504.197	1328258.65	1.4601	P	0.4
7	☐	1000.000	995.881	2636721.57	2.8835	A	0.3
8	☐			10725.01	0.0117	P	3.0

$$y = 0.0029 * x + 3.6900E-004$$

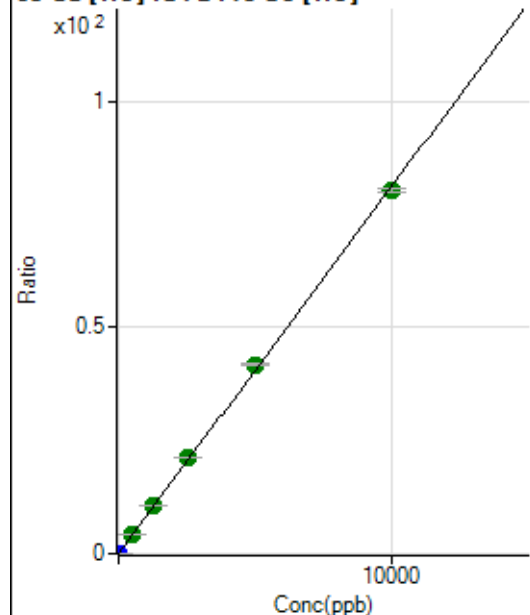
$$R = 1.0000$$

$$DL = 0.005624$$

$$BEC = 0.1275$$

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	5239.91	0.0055	P	5.1
2	☐	2.000	1.632	17928.59	0.0187	P	1.0
3	☐	500.000	536.908	4108521.05	4.3607	A	1.9
4	☐	1250.000	1307.825	9845756.31	10.6141	A	0.6
5	☐	2500.000	2609.197	19640977.07	21.1704	A	0.7
6	☐	5000.000	5156.486	38055728.32	41.8331	A	0.8
7	☐	10000.000	9885.384	73324315.57	80.1923	A	1.2
8	☐			18133.29	0.0198	P	2.1

$$y = 0.0081 * x + 0.0055$$

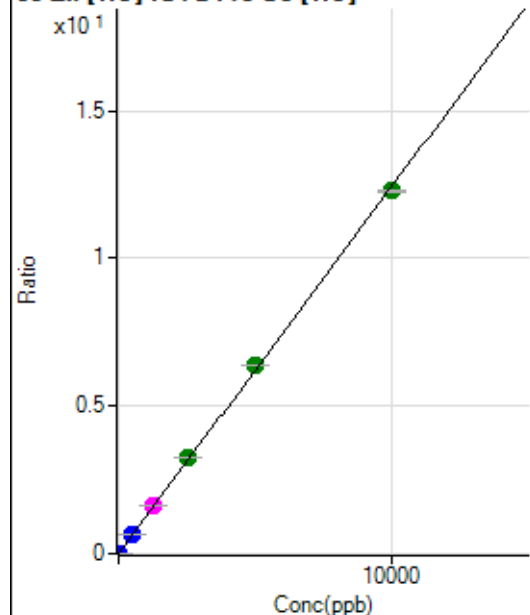
$$R = 0.9997$$

$$DL = 0.1025$$

$$BEC = 0.6725$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2660.27	0.0028	P	3.3
2	☐	2.000	6.056	9871.12	0.0103	P	3.6
3	☐	500.000	529.733	622606.79	0.6608	P	0.8
4	☐	1250.000	1305.084	1506392.51	1.6240	M	0.7
5	☐	2500.000	2628.462	3031895.30	3.2679	A	0.7
6	☐	5000.000	5138.717	5809859.50	6.3862	A	0.1
7	☐	10000.000	9890.153	11236379.55	12.2886	A	0.6
8	☐			7696.49	0.0084	P	1.0

$$y = 0.0012 * x + 0.0028$$

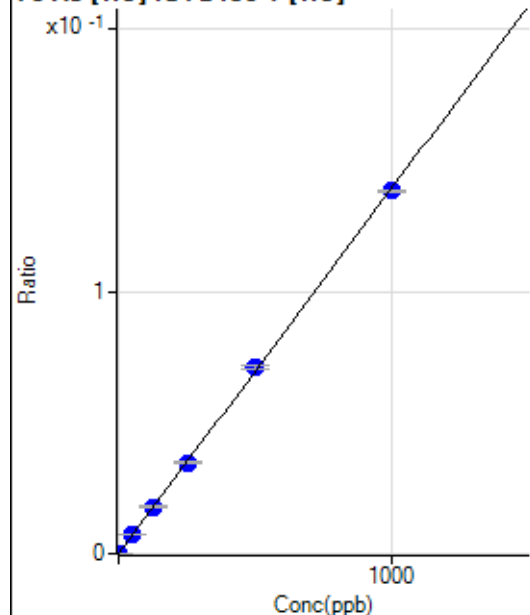
$$R = 0.9998$$

$$DL = 0.2196$$

$$BEC = 2.23$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	69.0
2	☐	1.000	1.031	858.92	0.0001	P	4.8
3	☐	50.000	51.441	41856.60	0.0072	P	0.7
4	☐	125.000	128.510	103509.85	0.0179	P	1.0
5	☐	250.000	249.988	202009.95	0.0348	P	2.4
6	☐	500.000	511.847	404912.03	0.0712	P	1.7
7	☐	1000.000	993.569	785874.51	0.1383	P	0.3
8	☐			405.57	0.0001	P	7.2

$$y = 1.3916E-004 * x + 9.4358E-007$$

$$R = 0.9999$$

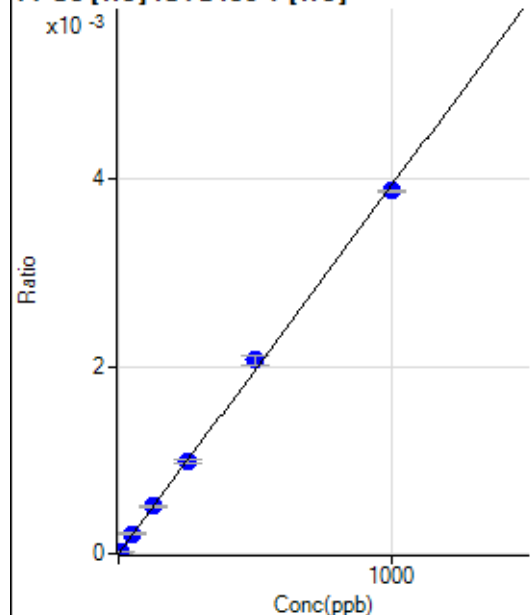
$$DL = 0.01403$$

$$BEC = 0.00678$$

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	1.11	0.0000	P	173.
2	☐	5.000	5.085	120.00	0.0000	P	13.2
3	☐	50.000	54.805	1261.18	0.0002	P	5.5
4	☐	125.000	129.055	2939.21	0.0005	P	2.0
5	☐	250.000	251.881	5755.61	0.0010	P	3.8
6	☐	500.000	525.455	11743.65	0.0021	P	5.4
7	☐	1000.000	986.055	22045.39	0.0039	P	0.6
8	☐			5.56	0.0000	P	34.8

$$y = 3.9334\text{E-}006 * x + 1.8887\text{E-}007$$

$$R = 0.9995$$

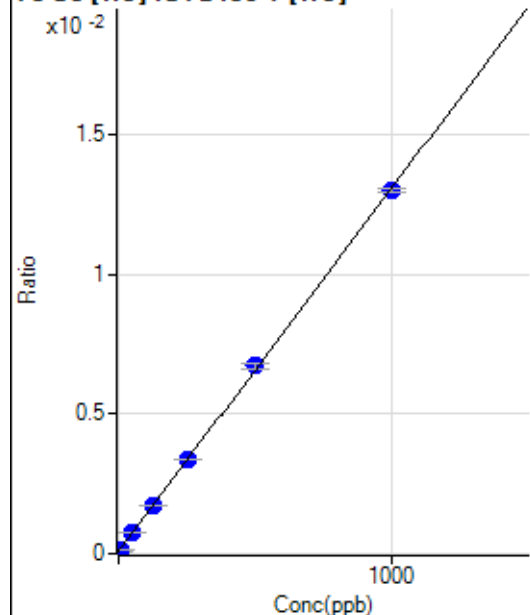
$$DL = 0.2495$$

$$BEC = 0.04802$$

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	478.90	0.0001	P	8.3
2	☐	5.000	5.004	871.14	0.0001	P	6.4
3	☐	50.000	53.073	4505.17	0.0008	P	0.6
4	☐	125.000	128.261	10110.20	0.0017	P	0.6
5	☐	250.000	254.508	19668.75	0.0034	P	0.8
6	☐	500.000	510.406	38132.38	0.0067	P	2.3
7	☐	1000.000	993.109	73753.62	0.0130	P	1.1
8	☐			512.24	0.0001	P	2.2

$$y = 1.2984\text{E-}005 * x + 8.1483\text{E-}005$$

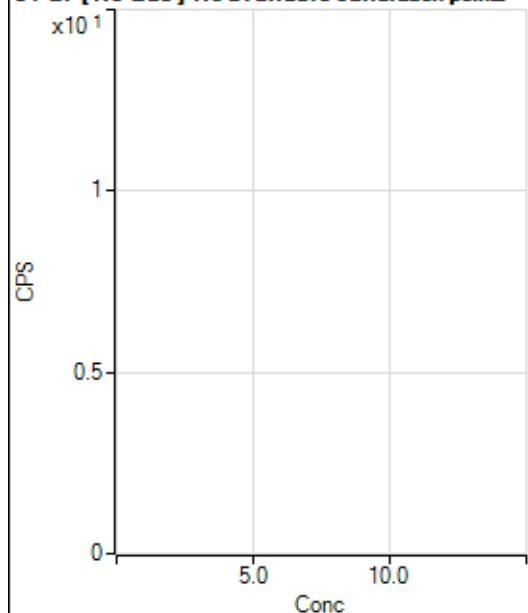
$$R = 0.9999$$

$$DL = 1.561$$

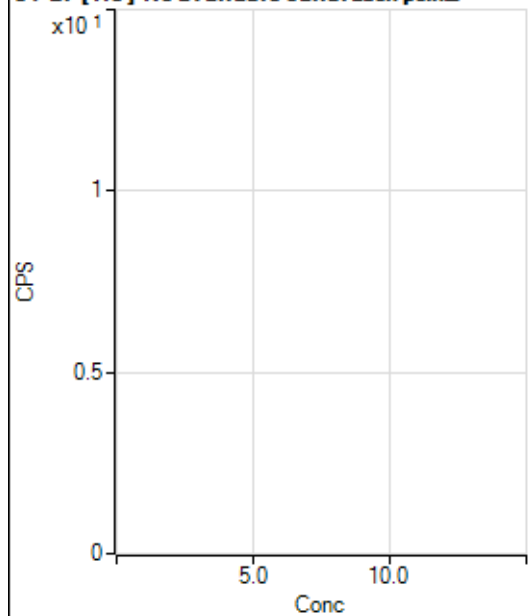
$$BEC = 6.276$$

Weight: <None>

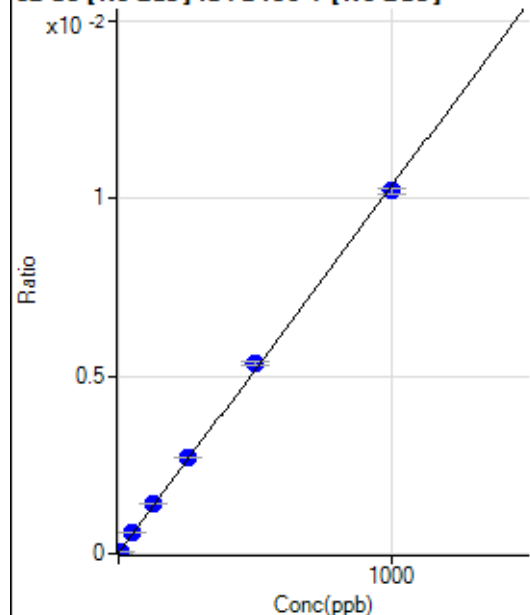
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11949.38		P	1.8
2	☐			11525.70		P	1.6
3	☐			11448.99		P	1.3
4	☐			11094.26		P	2.2
5	☐			10948.59		P	2.3
6	☐			10808.51		P	1.0
7	☐			11030.88		P	2.6
8	☐			12059.45		P	1.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			151.11		P	19.0
2	☐			88.89		P	18.9
3	☐			145.56		P	14.7
4	☐			84.44		P	12.1
5	☐			101.11		P	15.6
6	☐			94.45		P	17.4
7	☐			141.11		P	13.0
8	☐			186.67		P	3.6

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	497.44	0.0000	P	12.3
2	☐	5.000	5.342	1848.29	0.0001	P	6.0
3	☐	50.000	54.568	14201.31	0.0006	P	0.6
4	☐	125.000	134.079	33858.82	0.0014	P	1.4
5	☐	250.000	262.429	66810.22	0.0027	P	0.3
6	☐	500.000	516.023	129680.17	0.0053	P	1.6
7	☐	1000.000	987.516	246451.81	0.0102	P	1.2
8	☐			735.51	0.0000	P	8.3

$$y = 1.0324\text{E-}005 * x + 2.0550\text{E-}005$$

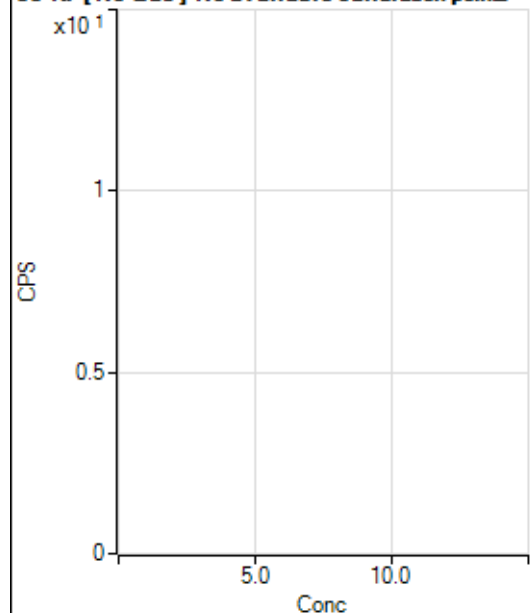
$$R = 0.9997$$

$$DL = 0.7329$$

$$BEC = 1.99$$

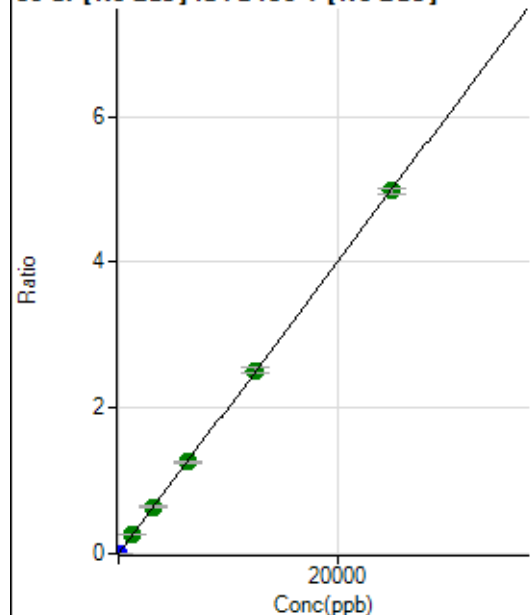
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			365.56		P	9.5
2	☐			358.90		P	13.0
3	☐			380.01		P	19.3
4	☐			354.45		P	12.5
5	☐			367.79		P	5.3
6	☐			378.90		P	12.6
7	☐			362.23		P	7.4
8	☐			384.45		P	10.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0000	P	8.9
2	☐	1.000	0.993	5463.28	0.0002	P	2.0
3	☐	1250.000	1289.746	6267659.91	0.2577	A	0.4
4	☐	3125.000	3218.250	15496895.60	0.6430	A	2.4
5	☐	6250.000	6320.275	30903361.76	1.2628	A	1.5
6	☐	12500.000	12589.077	60986216.87	2.5152	A	2.6
7	☐	25000.000	24924.249	120131888.21	4.9797	A	1.5
8	☐			21028.44	0.0009	P	3.3

$$y = 1.9979E-004 * x + 2.5250E-005$$

$$R = 1.0000$$

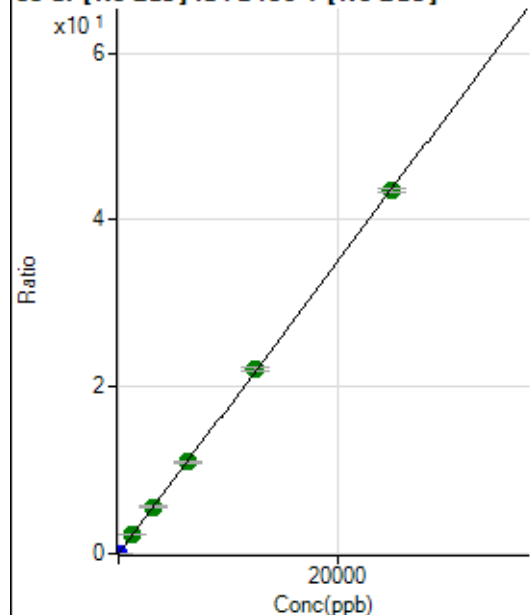
$$DL = 0.03383$$

$$BEC = 0.1264$$

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	570.02	0.0000	P	1.0
2	☐	1.000	0.986	42628.40	0.0017	P	3.3
3	☐	1250.000	1287.749	54709368.63	2.2495	A	0.5
4	☐	3125.000	3216.593	135431442.43	5.6189	A	1.4
5	☐	6250.000	6289.455	268877911.55	10.9868	A	1.2
6	☐	12500.000	12661.071	536267938.67	22.1171	A	2.2
7	☐	25000.000	24896.264	1049269362.1	43.4902	A	1.0
8	☐			180812.31	0.0079	P	3.9

$$y = 0.0017 * x + 2.3547E-005$$

$$R = 1.0000$$

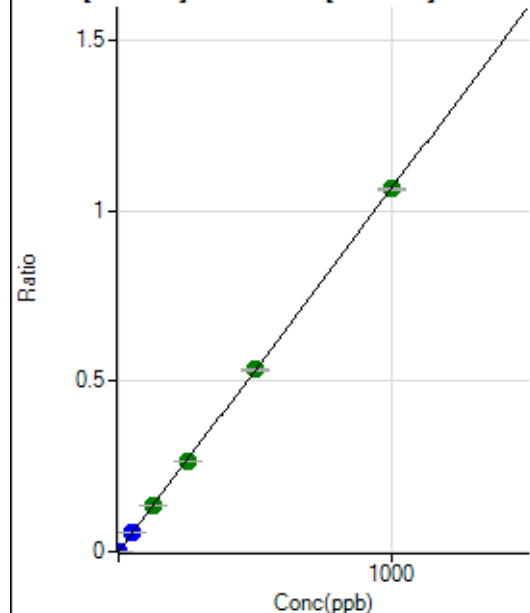
$$DL = 0.0004213$$

$$BEC = 0.01348$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1065.60	0.0000	P	11.3
2	☐	1.000	0.964	26186.77	0.0011	P	2.7
3	☐	50.000	50.629	1314135.75	0.0540	P	1.4
4	☐	125.000	127.004	3265600.37	0.1355	A	1.1
5	☐	250.000	248.282	6480994.97	0.2648	A	1.0
6	☐	500.000	502.313	12990237.31	0.5357	A	1.1
7	☐	1000.000	998.991	25704552.40	1.0654	A	0.5
8	☐			15427.18	0.0007	P	2.1

$$y = 0.0011 * x + 4.4023E-005$$

$$R = 1.0000$$

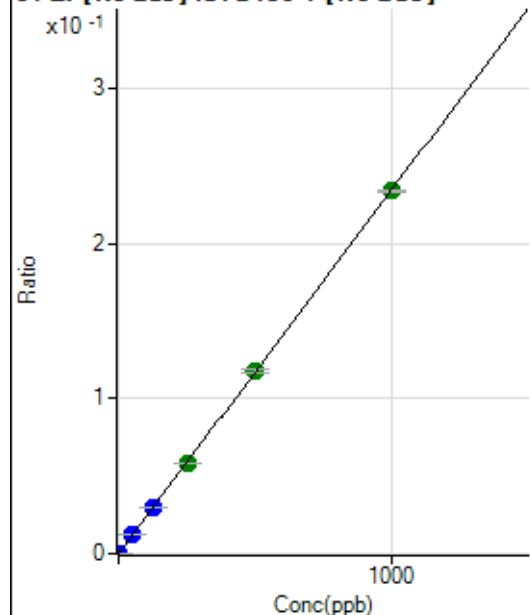
$$DL = 0.01397$$

$$BEC = 0.04128$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	212.22	0.0000	P	14.2
2	☐	1.000	0.950	5644.47	0.0002	P	5.4
3	☐	50.000	51.148	291475.37	0.0120	P	0.8
4	☐	125.000	127.396	719168.98	0.0298	P	1.2
5	☐	250.000	249.253	1428544.67	0.0584	A	1.0
6	☐	500.000	503.992	2861457.56	0.1180	A	2.4
7	☐	1000.000	997.834	5637272.76	0.2336	A	0.4
8	☐			3491.57	0.0002	P	4.5

$$y = 2.3415E-004 * x + 8.7635E-006$$

$$R = 1.0000$$

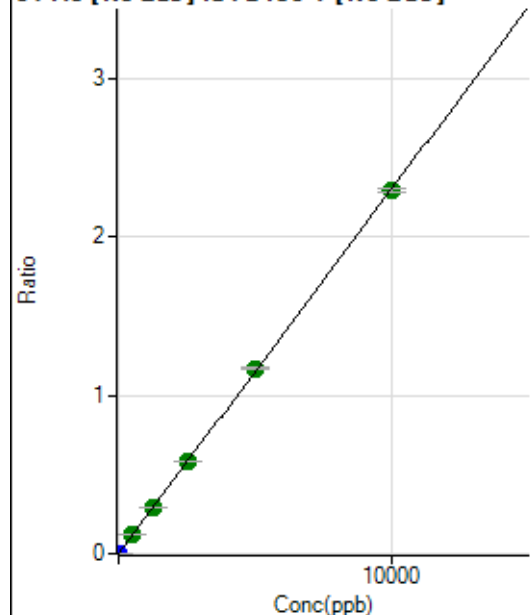
$$DL = 0.0159$$

$$BEC = 0.03743$$

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	490.01	0.0000	P	14.6
2	☐	5.000	5.169	29557.65	0.0012	P	2.1
3	☐	500.000	508.430	2846611.76	0.1170	A	0.5
4	☐	1250.000	1274.634	7072198.78	0.2934	A	0.2
5	☐	2500.000	2529.736	14250715.90	0.5823	A	0.4
6	☐	5000.000	5070.866	28303167.08	1.1672	A	1.1
7	☐	10000.000	9953.632	55272376.95	2.2911	A	1.1
8	☐			13325.06	0.0006	P	3.7

$$y = 2.3017E-004 * x + 2.0249E-005$$

$$R = 1.0000$$

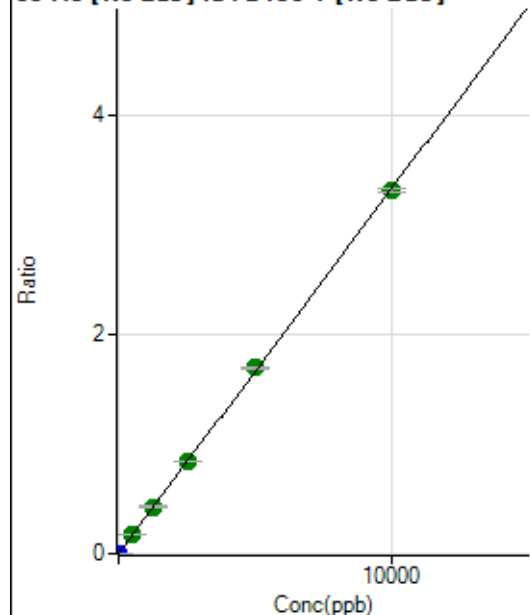
$$DL = 0.03854$$

$$BEC = 0.08797$$

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	207.78	0.0000	P	21.7
2	☐	5.000	4.406	35971.88	0.0015	P	4.2
3	☐	500.000	515.188	4164873.76	0.1713	A	1.0
4	☐	1250.000	1286.045	10303185.47	0.4275	A	1.4
5	☐	2500.000	2533.529	20609670.39	0.8421	A	0.4
6	☐	5000.000	5086.424	40997328.83	1.6907	A	1.7
7	☐	10000.000	9943.141	79733002.15	3.3050	A	1.2
8	☐			12660.01	0.0006	P	2.5

$$y = 3.3239E-004 * x + 8.5869E-006$$

$$R = 0.9999$$

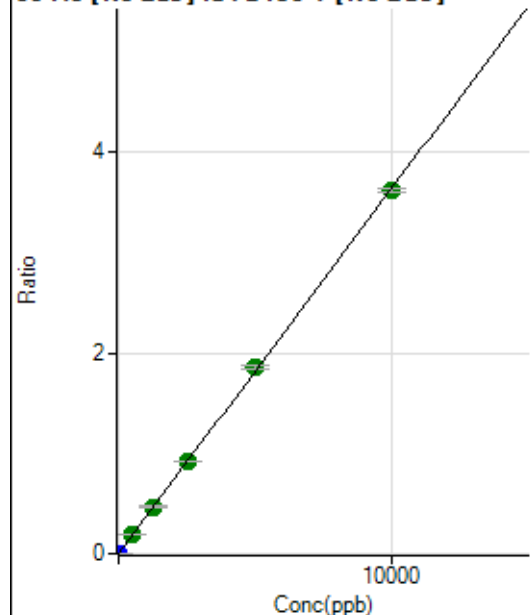
$$DL = 0.01683$$

$$BEC = 0.02583$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	206.67	0.0000	P	11.7
2	☐	5.000	4.499	40156.20	0.0016	P	2.7
3	☐	500.000	513.786	4543071.29	0.1868	A	0.8
4	☐	1250.000	1290.478	11308847.19	0.4692	A	1.0
5	☐	2500.000	2535.102	22556455.50	0.9217	A	0.5
6	☐	5000.000	5092.993	44900536.00	1.8516	A	2.4
7	☐	10000.000	9938.979	87176480.92	3.6135	A	0.9
8	☐			23868.48	0.0010	P	1.7

$$y = 3.6356E-004 * x + 8.5403E-006$$

R = 0.9999

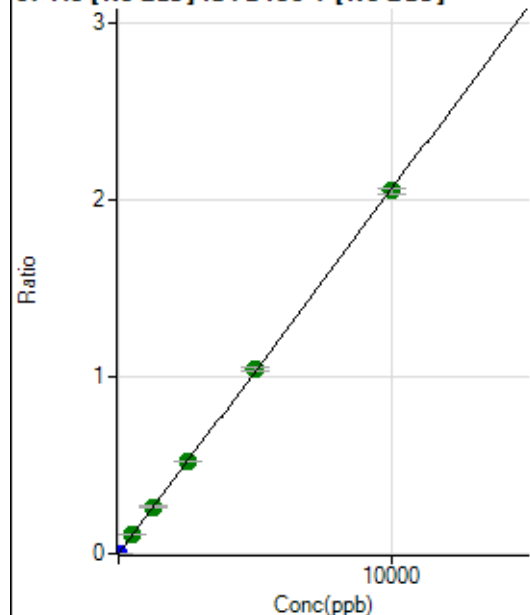
DL = 0.008274

BEC = 0.02349

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.22	0.0000	P	1.9
2	☐	5.000	4.455	22553.03	0.0009	P	3.3
3	☐	500.000	513.184	2575338.21	0.1059	A	1.2
4	☐	1250.000	1284.254	6387129.14	0.2650	A	1.3
5	☐	2500.000	2530.530	12778837.17	0.5222	A	0.8
6	☐	5000.000	5076.624	25399681.29	1.0475	A	1.9
7	☐	10000.000	9949.115	49525584.82	2.0529	A	1.4
8	☐			7665.42	0.0003	P	4.8

$$y = 2.0634E-004 * x + 4.2226E-006$$

R = 0.9999

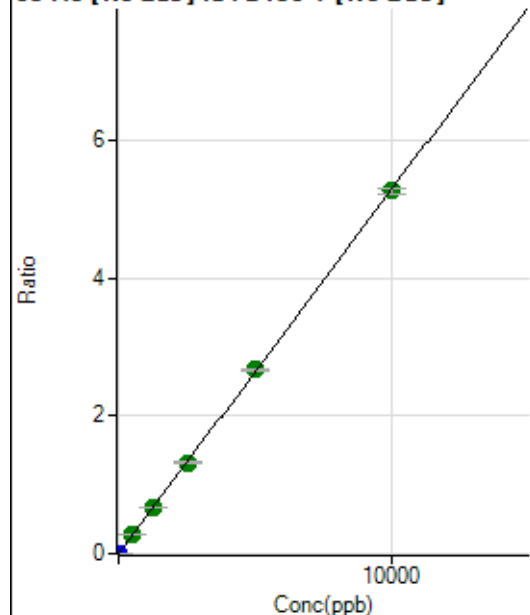
DL = 0.001183

BEC = 0.02046

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	253.34	0.0000	P	9.9
2	☐	5.000	4.391	56970.56	0.0023	P	2.2
3	☐	500.000	511.576	6578245.25	0.2705	A	0.9
4	☐	1250.000	1273.023	16222899.62	0.6731	A	0.9
5	☐	2500.000	2507.569	32446414.79	1.3258	A	0.1
6	☐	5000.000	5061.984	64895494.59	2.6763	A	1.3
7	☐	10000.000	9963.659	127084406.99	5.2679	A	1.9
8	☐			19043.69	0.0008	P	8.3

$$y = 5.2871\text{E-}004 * x + 1.0462\text{E-}005$$

$$R = 1.0000$$

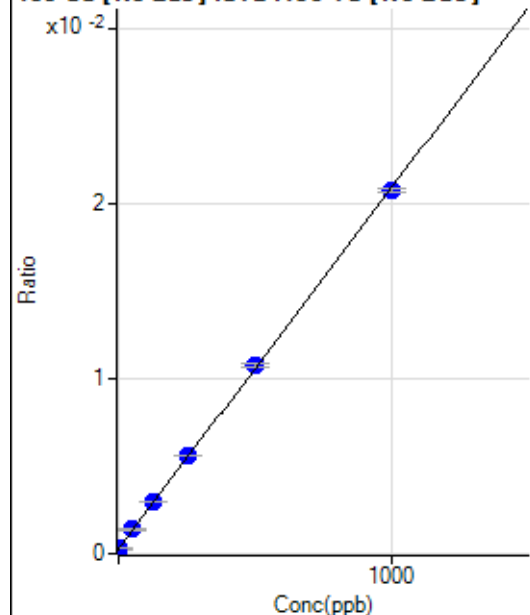
$$DL = 0.005896$$

$$BEC = 0.01979$$

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	4710.81	0.0003	P	0.6
2	☐	1.000	0.844	5059.82	0.0003	P	1.4
3	☐	50.000	53.648	23720.58	0.0014	P	2.4
4	☐	125.000	132.031	51914.60	0.0030	P	0.4
5	☐	250.000	257.622	97079.65	0.0056	P	0.8
6	☐	500.000	509.274	187300.54	0.0108	P	1.2
7	☐	1000.000	992.396	356144.00	0.0207	P	1.1
8	☐			4700.80	0.0003	P	1.3

$$y = 2.0594\text{E-}005 * x + 2.7424\text{E-}004$$

$$R = 0.9999$$

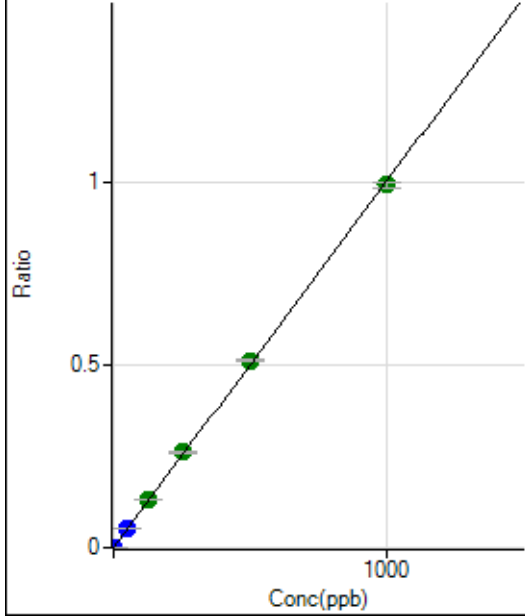
$$DL = 0.2424$$

$$BEC = 13.32$$

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	141.11	0.0000	P	6.7
2	☐	1.000	0.939	16480.57	0.0009	P	0.7
3	☐	50.000	52.372	903688.59	0.0525	P	2.1
4	☐	125.000	131.473	2287347.40	0.1319	A	1.5
5	☐	250.000	261.373	4561421.91	0.2622	A	1.2
6	☐	500.000	511.247	8924781.18	0.5128	A	1.2
7	☐	1000.000	990.606	17085803.22	0.9936	A	1.6
8	☐			2430.23	0.0001	P	11.1

$$y = 0.0010 * x + 8.2127E-006$$

$$R = 0.9998$$

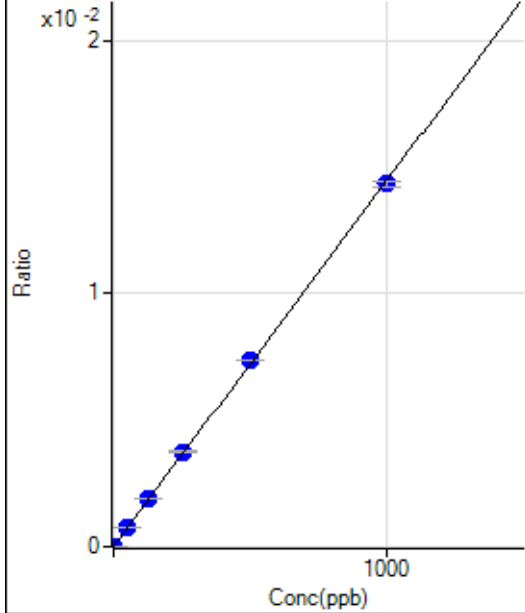
$$DL = 0.001634$$

$$BEC = 0.008188$$

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	12.22	0.0000	P	15.2
2	☐	1.000	0.971	255.56	0.0000	P	20.5
3	☐	50.000	54.057	13437.43	0.0008	P	3.8
4	☐	125.000	130.794	32770.32	0.0019	P	1.2
5	☐	250.000	258.223	64890.95	0.0037	P	1.9
6	☐	500.000	510.081	128208.54	0.0074	P	0.8
7	☐	1000.000	991.977	246328.38	0.0143	P	1.9
8	☐			101.11	0.0000	P	29.1

$$y = 1.4441E-005 * x + 7.1093E-007$$

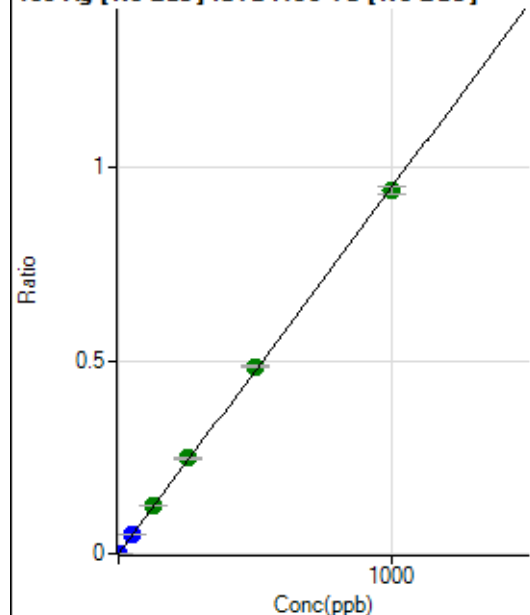
$$R = 0.9999$$

$$DL = 0.02241$$

$$BEC = 0.04923$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	74.44	0.0000	P	3.2
2	☐	1.000	0.925	15278.15	0.0009	P	1.5
3	☐	50.000	52.039	847781.43	0.0493	P	2.7
4	☐	125.000	130.555	2144623.20	0.1237	A	0.6
5	☐	250.000	260.468	4292275.60	0.2467	A	0.6
6	☐	500.000	510.807	8419906.75	0.4838	A	1.0
7	☐	1000.000	991.183	16141195.59	0.9388	A	2.2
8	☐			2261.32	0.0001	P	11.6

$$y = 9.4712\text{E-}004 * x + 4.3342\text{E-}006$$

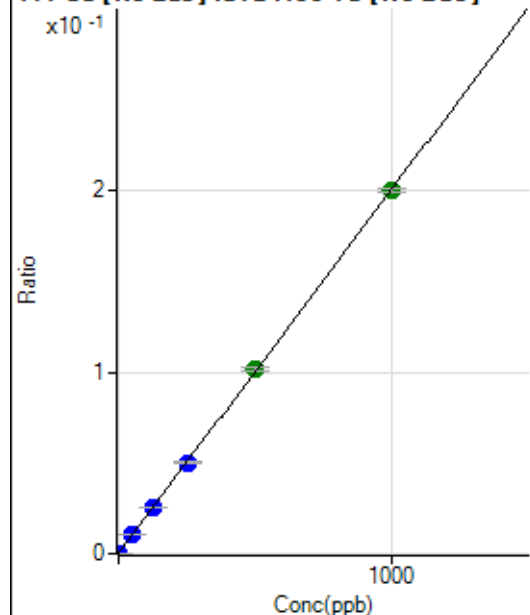
$$R = 0.9998$$

$$DL = 0.0004429$$

$$BEC = 0.004576$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3296.80	0.0002	P	0.5
2	☐	1.000	1.015	6860.11	0.0004	P	2.0
3	☐	50.000	51.798	181902.90	0.0106	P	1.7
4	☐	125.000	126.587	443438.49	0.0256	P	0.4
5	☐	250.000	249.501	873503.10	0.0502	P	1.3
6	☐	500.000	506.780	1771344.15	0.1018	A	1.3
7	☐	1000.000	996.446	3438112.96	0.1999	A	1.2
8	☐			3656.46	0.0002	P	1.9

$$y = 2.0046\text{E-}004 * x + 1.9192\text{E-}004$$

$$R = 1.0000$$

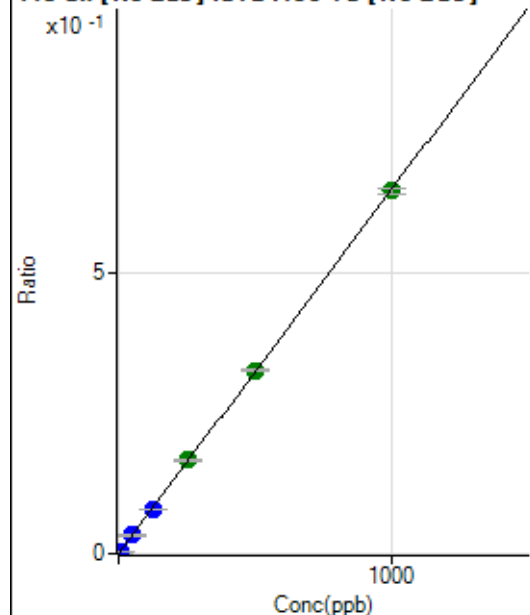
$$DL = 0.01442$$

$$BEC = 0.9574$$

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	2055.72	0.0001	P	1.6
2	☐	5.000	4.655	54464.67	0.0031	P	1.3
3	☐	50.000	50.085	560895.74	0.0326	P	1.6
4	☐	125.000	123.450	1390924.94	0.0802	P	0.4
5	☐	250.000	257.181	2904545.16	0.1669	A	1.8
6	☐	500.000	504.049	5692293.18	0.3271	A	0.2
7	☐	1000.000	996.371	11115933.17	0.6464	A	1.4
8	☐			6872.81	0.0004	P	0.3

$$y = 6.4867E-004 * x + 1.1967E-004$$

$$R = 1.0000$$

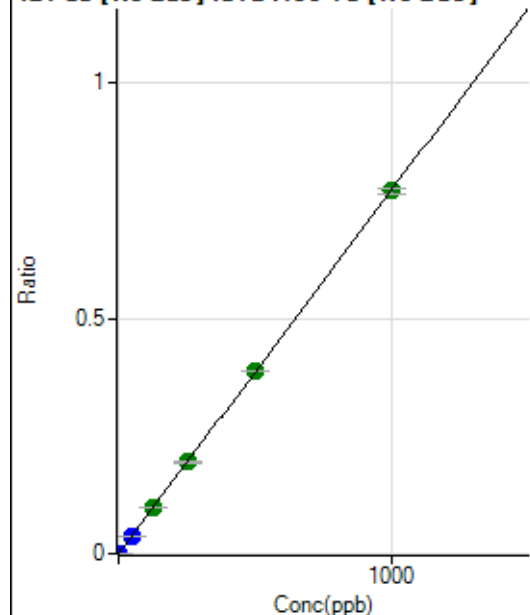
$$DL = 0.008726$$

$$BEC = 0.1845$$

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	150.00	0.0000	P	22.1
2	☐	2.000	1.875	25284.48	0.0015	P	2.4
3	☐	50.000	49.300	655302.92	0.0381	P	2.3
4	☐	125.000	127.386	1707130.84	0.0984	A	1.1
5	☐	250.000	253.063	3401953.32	0.1955	A	2.0
6	☐	500.000	501.917	6749119.00	0.3878	A	0.6
7	☐	1000.000	998.013	13259790.50	0.7711	A	1.5
8	☐			9355.35	0.0006	P	4.6

$$y = 7.7263E-004 * x + 8.7403E-006$$

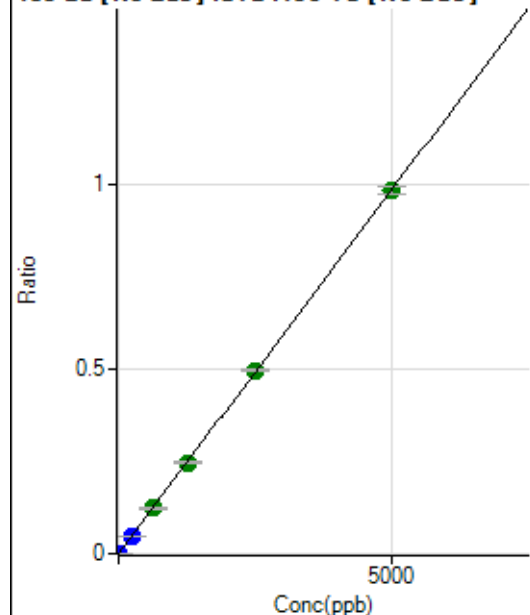
$$R = 1.0000$$

$$DL = 0.007501$$

$$BEC = 0.01131$$

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	77.78	0.0000	P	25.4
2	☐	10.000	8.936	30544.98	0.0018	P	1.5
3	☐	250.000	243.359	822636.58	0.0478	P	1.3
4	☐	625.000	623.562	2125020.73	0.1225	A	1.4
5	☐	1250.000	1250.359	4274575.32	0.2457	A	1.0
6	☐	2500.000	2521.199	8621647.02	0.4954	A	0.8
7	☐	5000.000	4989.825	16858076.42	0.9804	A	2.0
8	☐			6807.24	0.0004	P	0.9

$$y = 1.9649\text{E-}004 * x + 4.5236\text{E-}006$$

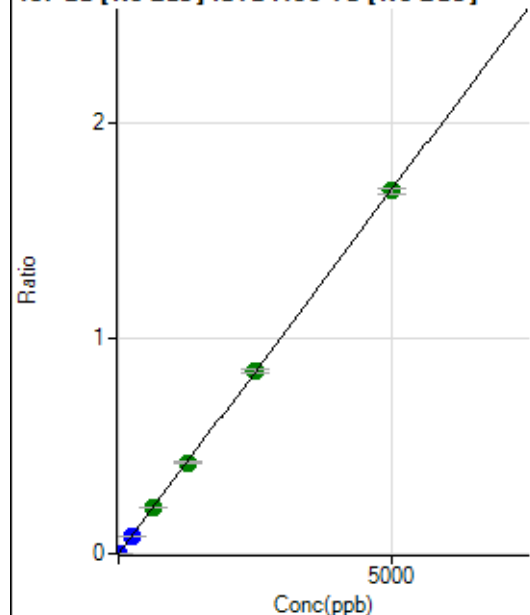
$$R = 1.0000$$

$$DL = 0.01751$$

$$BEC = 0.02302$$

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	111.12	0.0000	P	11.6
2	☐	10.000	9.057	53195.64	0.0031	P	0.4
3	☐	250.000	243.525	1415126.14	0.0823	P	1.2
4	☐	625.000	640.451	3752306.43	0.2163	A	0.6
5	☐	1250.000	1252.723	7362764.89	0.4232	A	0.8
6	☐	2500.000	2523.268	14833236.44	0.8524	A	2.1
7	☐	5000.000	4986.079	28960900.40	1.6843	A	1.4
8	☐			11905.09	0.0007	P	3.3

$$y = 3.3779\text{E-}004 * x + 6.4657\text{E-}006$$

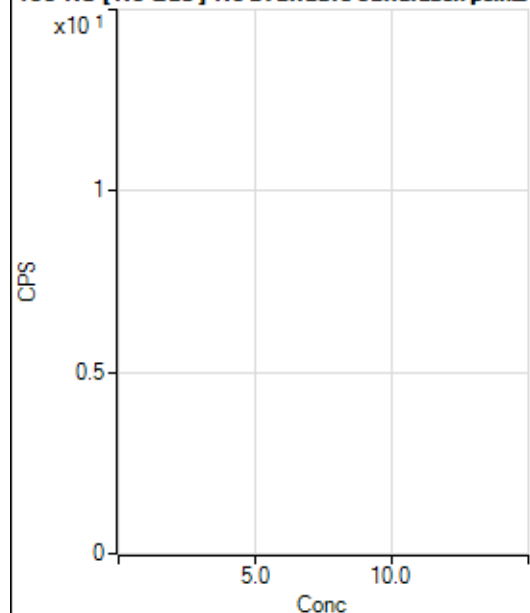
$$R = 1.0000$$

$$DL = 0.006652$$

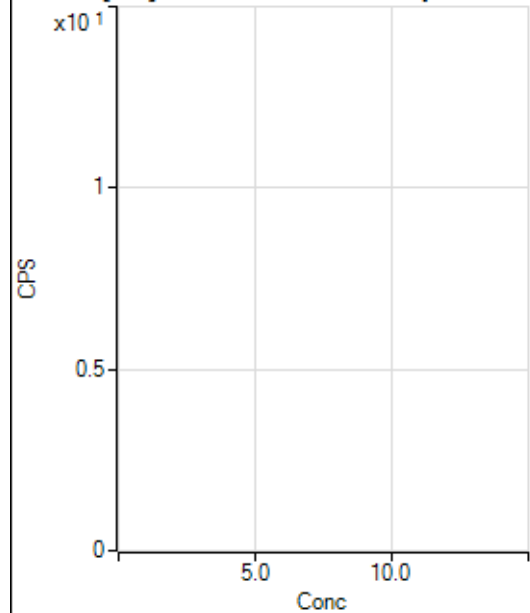
$$BEC = 0.01914$$

Weight: <None>

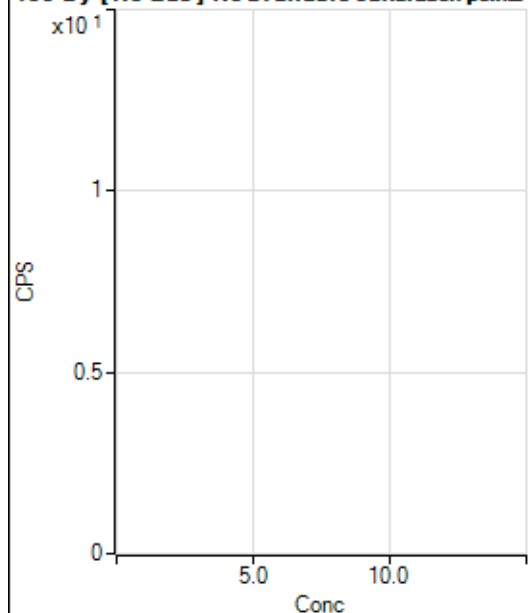
Min Conc: 0

150 Nd [No Gas] No available calibration points

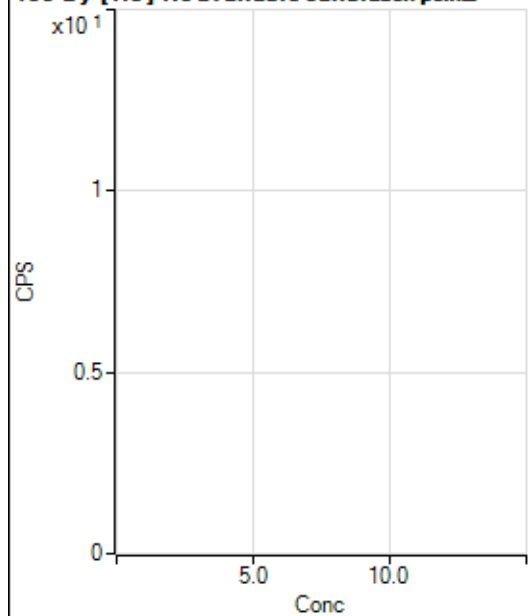
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	NaN
2	☐			20.00		P	44.1
3	☐			42.22		P	22.8
4	☐			90.00		P	9.8
5	☐			175.56		P	4.4
6	☐			300.01		P	17.5
7	☐			583.35		P	5.9
8	☐			230.00		P	16.5

150 Nd [He] No available calibration points

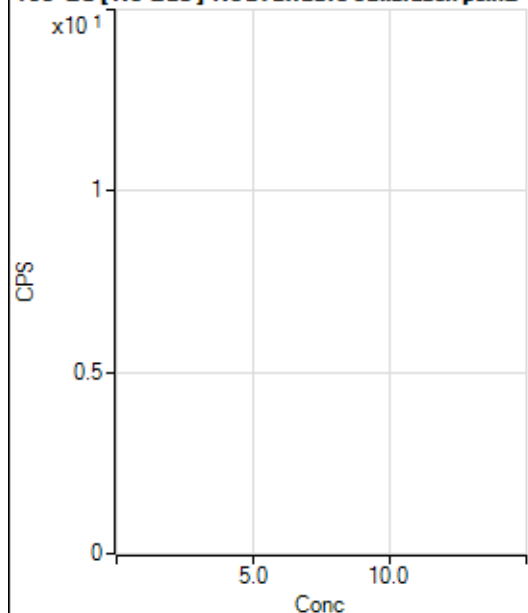
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.8
2	☐			6.66		P	86.6
3	☐			13.33		P	66.2
4	☐			28.89		P	46.6
5	☐			35.55		P	30.1
6	☐			68.89		P	24.4
7	☐			132.23		P	18.6
8	☐			146.67		P	14.2

156 Dy [No Gas] No available calibration points

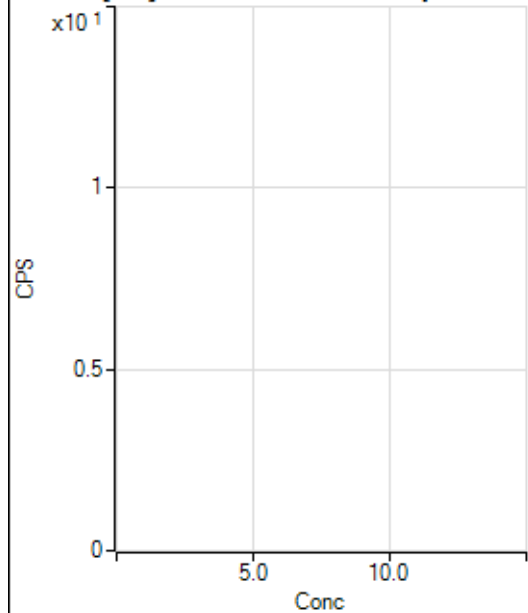
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	52.9
2	☐			36.66		P	31.5
3	☐			36.67		P	15.7
4	☐			38.89		P	21.6
5	☐			86.67		P	17.6
6	☐			151.11		P	27.6
7	☐			246.67		P	10.6
8	☐			424.45		P	5.0

156 Dy [He] No available calibration points

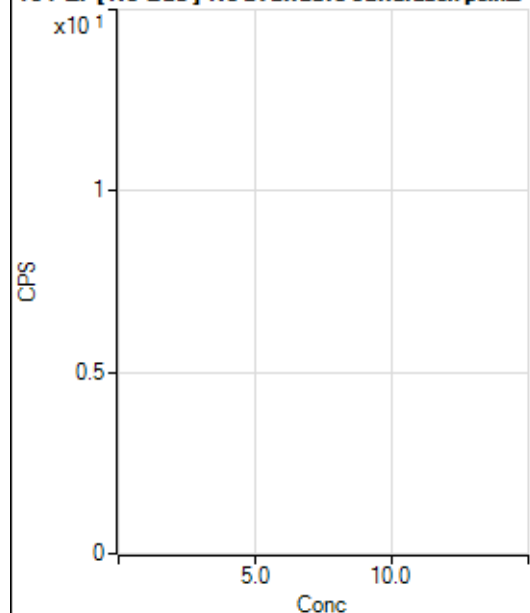
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	92.5
2	☐			8.89		P	21.6
3	☐			55.56		P	3.5
4	☐			101.11		P	28.0
5	☐			168.89		P	8.9
6	☐			350.01		P	13.2
7	☐			632.24		P	6.1
8	☐			356.67		P	2.8

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

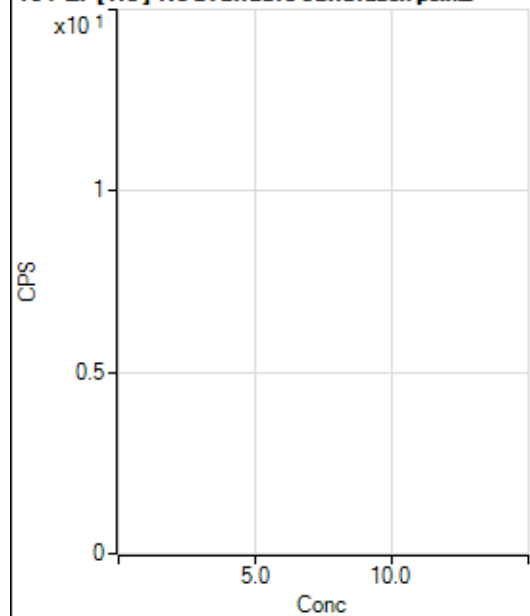
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	13.5
2	☐			84.45		P	16.0
3	☐			93.33		P	24.7
4	☐			97.78		P	29.4
5	☐			115.56		P	1.7
6	☐			138.89		P	20.0
7	☐			197.78		P	20.0
8	☐			437.79		P	1.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			388.90		P	26.7
2	☐			332.23		P	21.8
3	☐			380.01		P	4.0
4	☐			365.57		P	0.5
5	☐			366.67		P	15.3
6	☐			386.67		P	9.1
7	☐			412.23		P	30.4
8	☐			626.69		P	8.6

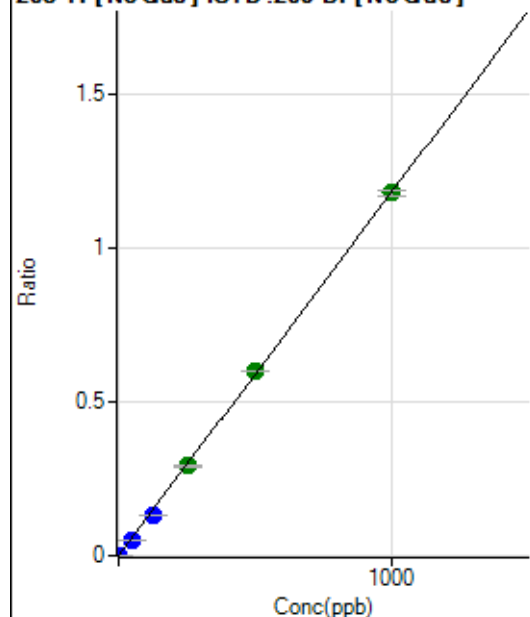
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			137.78		P	20.6
2	☐			121.11		P	22.2
3	☐			112.22		P	9.5
4	☐			168.89		P	9.7
5	☐			162.23		P	5.9
6	☐			187.78		P	5.4
7	☐			256.67		P	15.8
8	☐			553.35		P	6.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	22.0
2	☐			71.11		P	25.8
3	☐			86.67		P	13.9
4	☐			78.89		P	8.8
5	☐			108.89		P	10.7
6	☐			136.67		P	6.5
7	☐			161.11		P	10.6
8	☐			368.90		P	7.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0000	P	6.6
2	☐	1.000	0.816	9769.13	0.0010	P	1.5
3	☐	50.000	44.034	518782.20	0.0520	P	1.2
4	☐	125.000	109.892	1294288.63	0.1297	P	1.9
5	☐	250.000	248.290	2913734.61	0.2931	A	2.2
6	☐	500.000	507.698	5833466.16	0.5993	A	0.4
7	☐	1000.000	998.765	11386043.86	1.1790	A	1.9
8	☐			1304.52	0.0002	P	8.6

$$y = 0.0012 * x + 1.3704E-005$$

$$R = 0.9998$$

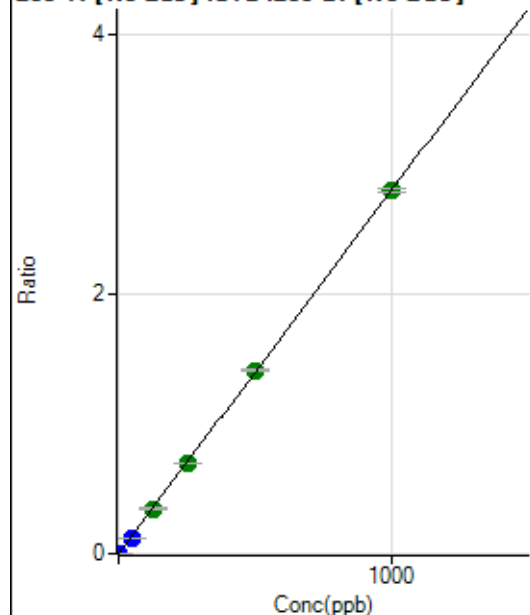
$$DL = 0.0023$$

$$BEC = 0.01161$$

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	398.90	0.0000	P	6.4
2	☐	1.000	0.832	23666.22	0.0024	P	0.7
3	☐	50.000	44.059	1229255.82	0.1232	P	0.9
4	☐	125.000	124.268	3465607.69	0.3474	A	2.8
5	☐	250.000	248.019	6892986.49	0.6934	A	0.7
6	☐	500.000	504.769	13733103.55	1.4111	A	1.1
7	☐	1000.000	998.500	26956749.32	2.7912	A	1.0
8	☐			2979.25	0.0003	P	8.8

$$y = 0.0028 * x + 4.0646E-005$$

$$R = 1.0000$$

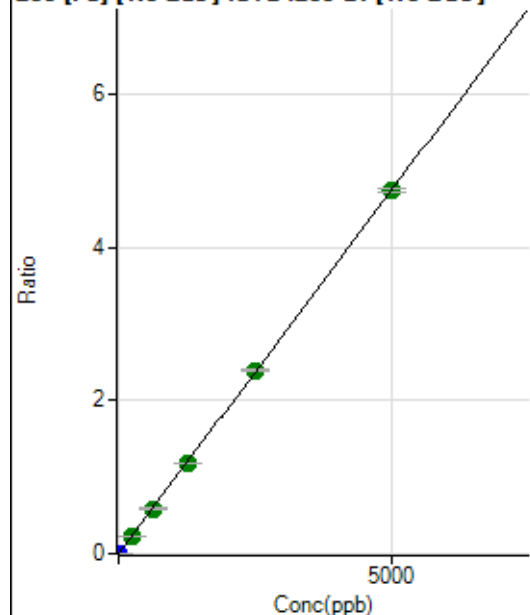
$$DL = 0.002803$$

$$BEC = 0.01454$$

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	497.79	0.0001	P	9.6
2	☐	1.000	0.868	8739.55	0.0009	P	1.2
3	☐	250.000	247.926	2346324.60	0.2352	A	1.0
4	☐	625.000	620.535	5871438.32	0.5885	A	1.2
5	☐	1250.000	1246.211	11749386.91	1.1819	A	0.8
6	☐	2500.000	2519.688	23256698.26	2.3895	A	0.6
7	☐	5000.000	4991.765	45715797.10	4.7338	A	1.2
8	☐			7844.56	0.0009	P	2.3

$$y = 9.4832\text{E-}004 * x + 5.0714\text{E-}005$$

$$R = 1.0000$$

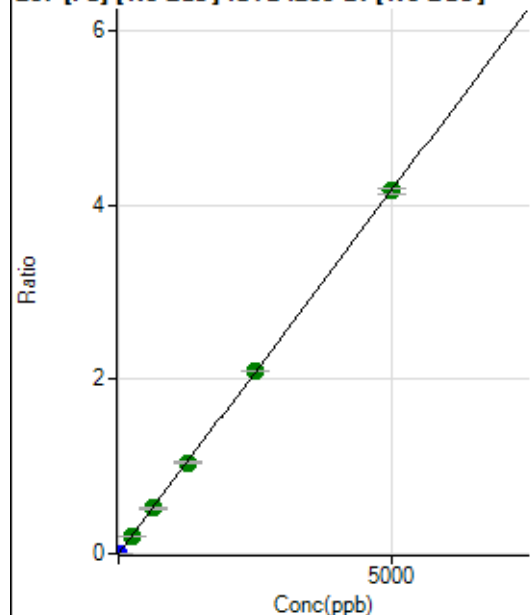
$$DL = 0.01537$$

$$BEC = 0.05348$$

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	360.01	0.0000	P	7.8
2	☐	1.000	0.888	7776.73	0.0008	P	1.0
3	☐	250.000	248.050	2066000.16	0.2071	A	1.5
4	☐	625.000	622.520	5184364.75	0.5196	A	0.6
5	☐	1250.000	1256.103	10423459.08	1.0484	A	0.3
6	☐	2500.000	2512.092	20407052.06	2.0967	A	0.7
7	☐	5000.000	4992.836	40243441.34	4.1673	A	1.5
8	☐			6675.03	0.0008	P	5.3

$$y = 8.3464\text{E-}004 * x + 3.6676\text{E-}005$$

$$R = 1.0000$$

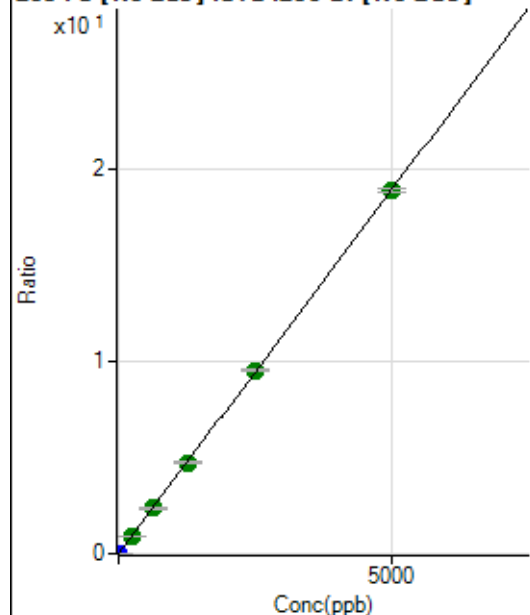
$$DL = 0.0103$$

$$BEC = 0.04394$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1852.29	0.0002	P	7.7
2	☐	1.000	0.877	35123.57	0.0035	P	0.8
3	☐	250.000	249.341	9426889.31	0.9448	A	1.0
4	☐	625.000	623.180	23555982.32	2.3611	A	1.2
5	☐	1250.000	1253.874	47227502.56	4.7505	A	1.0
6	☐	2500.000	2519.669	92909872.92	9.5459	A	0.6
7	☐	5000.000	4989.458	182548769.22	18.9027	A	1.2
8	☐			30838.44	0.0036	P	4.5

$$y = 0.0038 * x + 1.8871E-004$$

$$R = 1.0000$$

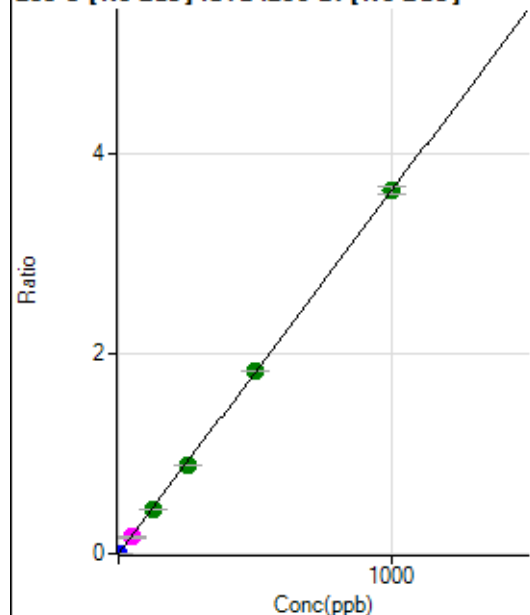
$$DL = 0.01156$$

$$BEC = 0.04981$$

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	41.11	0.0000	P	23.9
2	☐	1.000	0.799	28994.87	0.0029	P	1.4
3	☐	50.000	46.485	1681702.84	0.1686	M	8.8
4	☐	125.000	122.066	4416429.48	0.4427	A	1.5
5	☐	250.000	245.720	8859489.73	0.8911	A	0.1
6	☐	500.000	503.392	17768417.10	1.8256	A	0.5
7	☐	1000.000	999.917	35018125.03	3.6263	A	2.0
8	☐			2125.74	0.0002	P	10.5

$$y = 0.0036 * x + 4.1940E-006$$

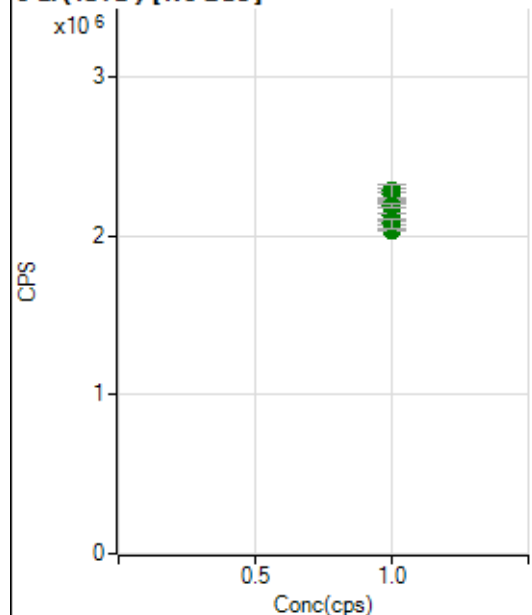
$$R = 1.0000$$

$$DL = 0.00083$$

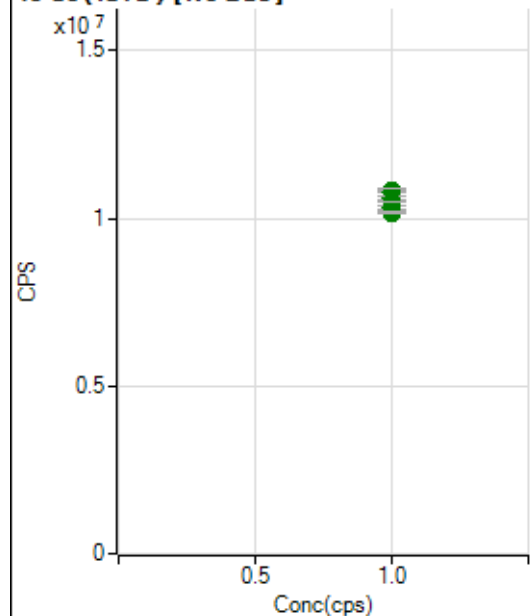
$$BEC = 0.001156$$

Weight: <None>

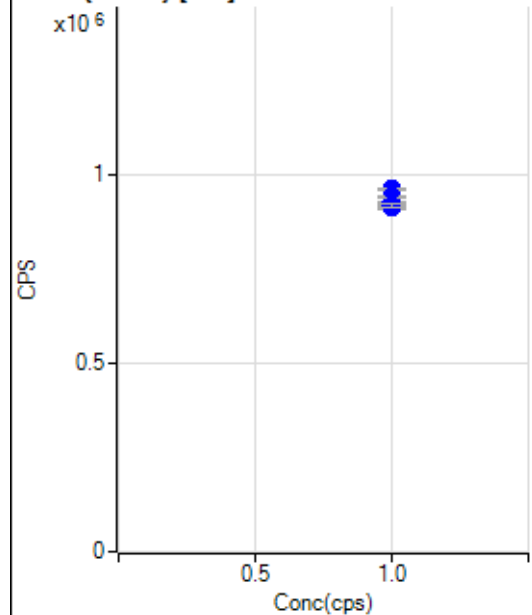
Min Conc: 0

6 Li (ISTD) [No Gas]

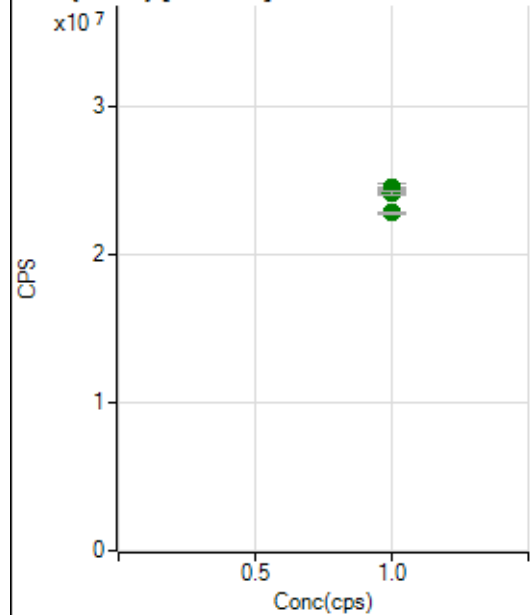
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2032677.90		A	0.4
2	☐	1.000		2080744.50		A	0.7
3	☐	1.000		2124146.88		A	1.5
4	☐	1.000		2237251.01		A	2.7
5	☐	1.000		2257621.91		A	3.4
6	☐	1.000		2280553.44		A	3.6
7	☐	1.000		2188241.62		A	1.0
8	☐	1.000		2077587.43		A	2.8

45 Sc (ISTD) [No Gas]

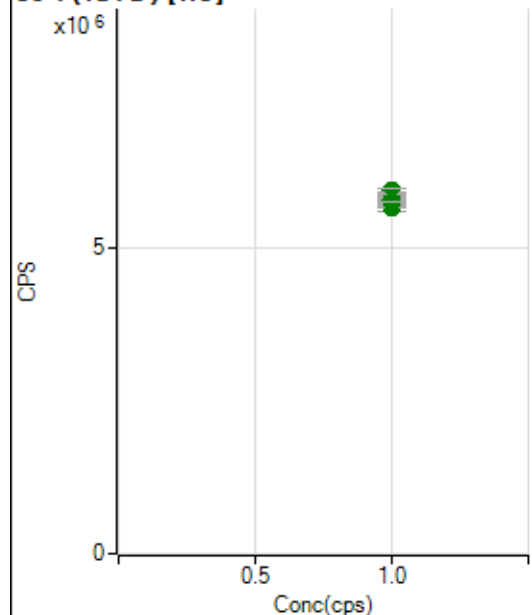
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10763484.98		A	1.3
2	☐	1.000		10817607.34		A	0.4
3	☐	1.000		10778989.28		A	2.0
4	☐	1.000		10593616.92		A	0.9
5	☐	1.000		10592505.26		A	1.0
6	☐	1.000		10327070.68		A	1.3
7	☐	1.000		10475390.05		A	0.2
8	☐	1.000		10167539.99		A	0.2

45 Sc (ISTD) [He]

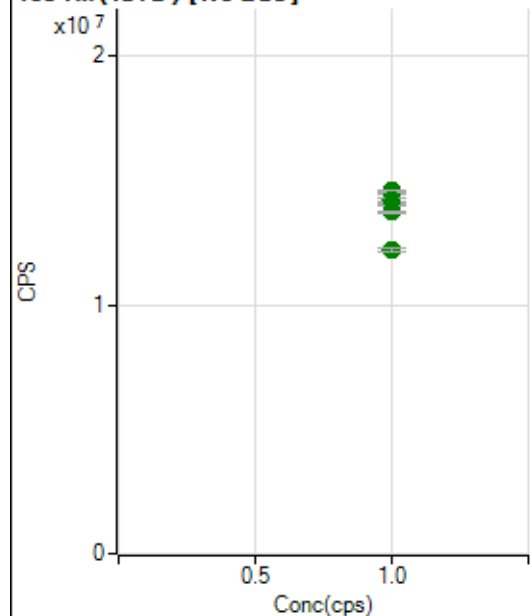
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		960588.10		P	0.7
2	☐	1.000		958973.74		P	0.3
3	☐	1.000		942175.86		P	0.0
4	☐	1.000		927605.15		P	0.3
5	☐	1.000		927716.32		P	1.8
6	☐	1.000		909743.29		P	0.9
7	☐	1.000		914399.12		P	0.6
8	☐	1.000		916562.12		P	0.7

89 Y (ISTD) [No Gas]

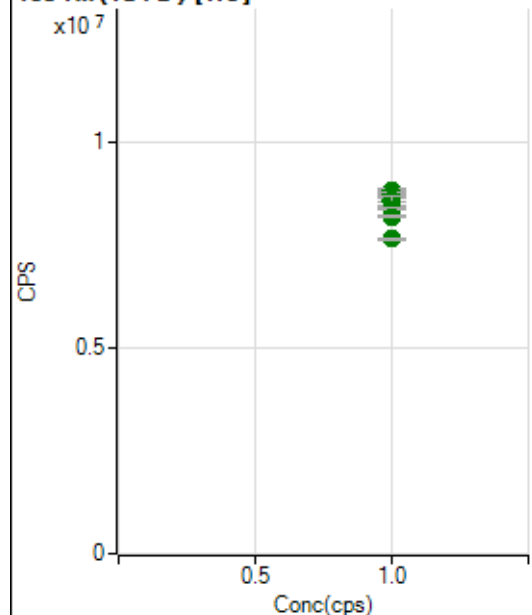
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		24207969.92		A	0.5
2	☐	1.000		24435034.91		A	2.4
3	☐	1.000		24320681.86		A	0.4
4	☐	1.000		24104169.36		A	1.0
5	☐	1.000		24473333.80		A	0.3
6	☐	1.000		24250376.31		A	1.1
7	☐	1.000		24126568.81		A	1.1
8	☐	1.000		22789652.16		A	0.6

89 Y(ISTD) [He]

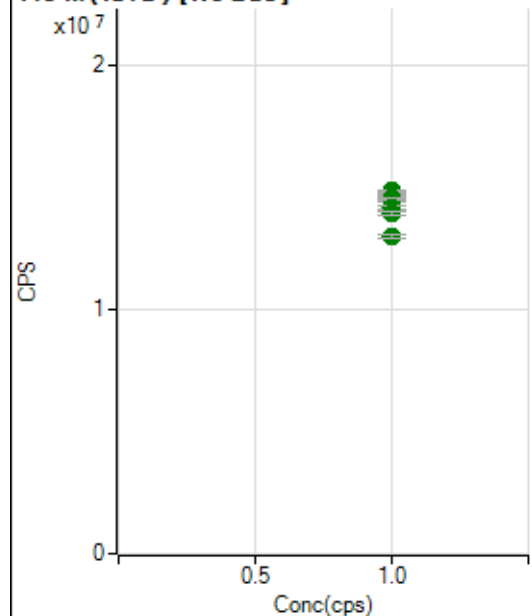
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5875919.98		A	0.4
2	☐	1.000		5949072.41		A	1.2
3	☐	1.000		5846217.76		A	0.7
4	☐	1.000		5787785.96		A	0.7
5	☐	1.000		5808820.96		A	2.5
6	☐	1.000		5685865.82		A	2.2
7	☐	1.000		5683648.67		A	0.3
8	☐	1.000		5770728.59		A	0.5

103 Rh(ISTD) [No Gas]

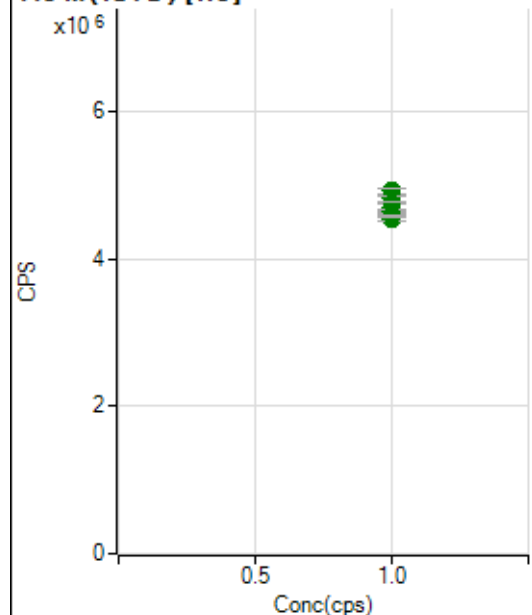
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14491263.12		A	0.5
2	☐	1.000		14536482.70		A	0.3
3	☐	1.000		14587182.01		A	0.5
4	☐	1.000		14227386.45		A	0.6
5	☐	1.000		14098331.46		A	0.3
6	☐	1.000		13987715.90		A	0.3
7	☐	1.000		13724494.10		A	1.1
8	☐	1.000		12231502.32		A	1.0

103 Rh (ISTD) [He]

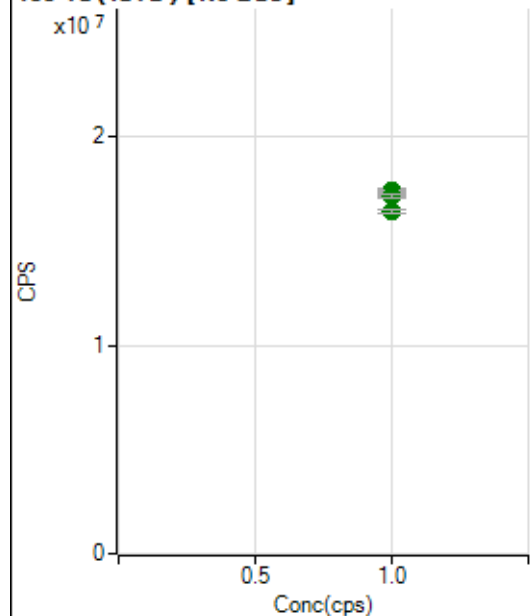
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8798735.42		A	0.9
2	☐	1.000		8821906.61		A	1.4
3	☐	1.000		8743989.31		A	1.4
4	☐	1.000		8611600.57		A	1.1
5	☐	1.000		8565802.23		A	2.6
6	☐	1.000		8384141.33		A	0.9
7	☐	1.000		8200679.18		A	0.9
8	☐	1.000		7655532.66		A	0.4

115 In (ISTD) [No Gas]

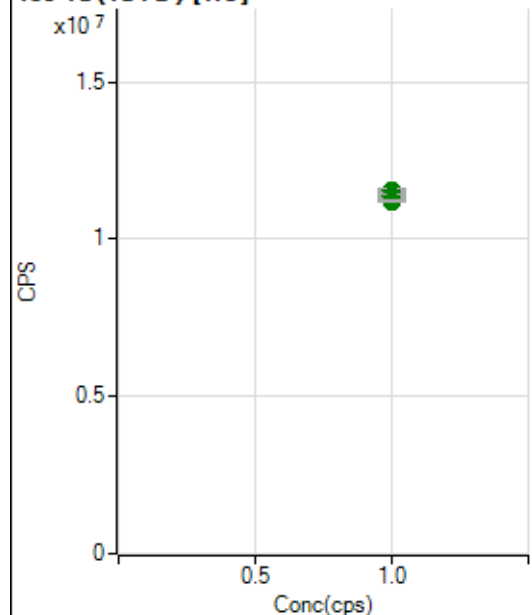
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14610883.19		A	1.4
2	☐	1.000		14871014.09		A	0.4
3	☐	1.000		14587061.50		A	1.2
4	☐	1.000		14597405.71		A	2.0
5	☐	1.000		14558649.59		A	0.3
6	☐	1.000		14204878.14		A	0.9
7	☐	1.000		13941763.11		A	0.8
8	☐	1.000		13041573.07		A	1.2

115 In (ISTD) [He]

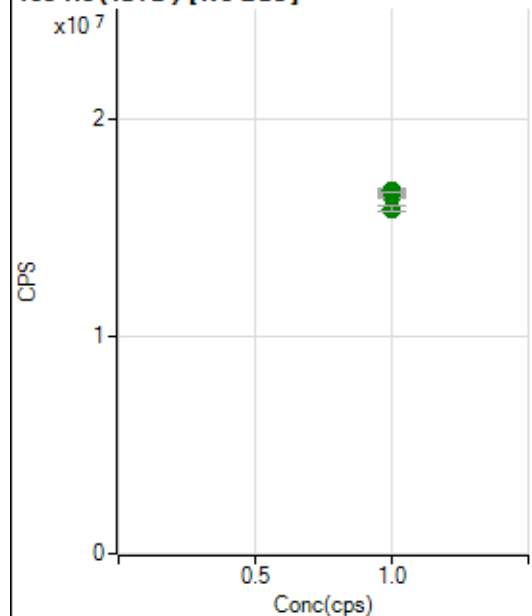
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4873293.13		A	0.6
2	☐	1.000		4922463.11		A	1.3
3	☐	1.000		4816523.29		A	1.5
4	☐	1.000		4758308.87		A	0.8
5	☐	1.000		4704255.99		A	2.8
6	☐	1.000		4649289.97		A	1.3
7	☐	1.000		4546875.66		A	1.0
8	☐	1.000		4582950.01		A	0.2

159 Tb (ISTD) [No Gas]

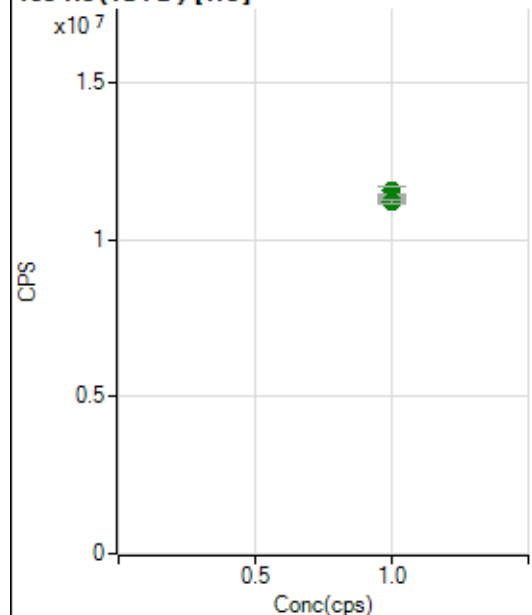
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17177962.80		A	0.6
2	☐	1.000		17351218.21		A	0.3
3	☐	1.000		17203036.69		A	1.2
4	☐	1.000		17343688.63		A	0.3
5	☐	1.000		17399475.16		A	1.0
6	☐	1.000		17403299.46		A	0.5
7	☐	1.000		17196646.13		A	1.1
8	☐	1.000		16410046.14		A	0.8

159 Tb (ISTD) [He]

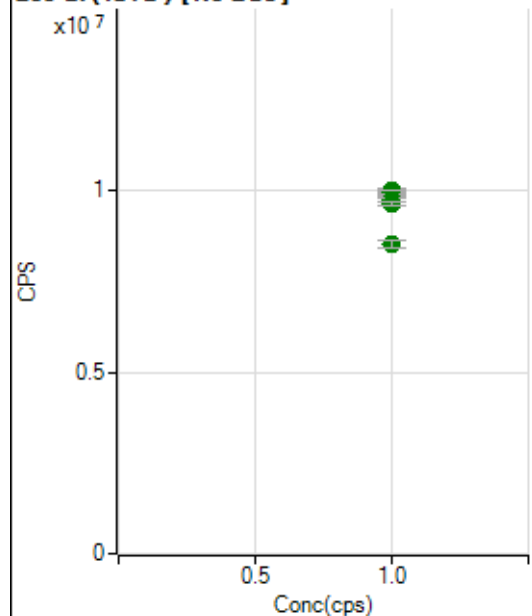
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11365198.44		A	0.4
2	☐	1.000		11438973.16		A	0.3
3	☐	1.000		11227118.86		A	0.8
4	☐	1.000		11445407.61		A	1.5
5	☐	1.000		11246452.61		A	1.6
6	☐	1.000		11531687.88		A	1.0
7	☐	1.000		11386873.17		A	1.1
8	☐	1.000		11201306.64		A	0.5

165 Ho (ISTD) [No Gas]

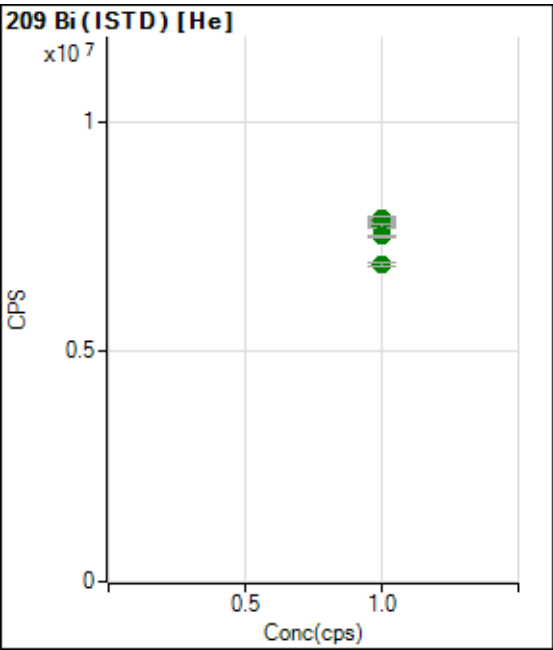
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16388727.81		A	0.4
2	☐	1.000		16566153.50		A	0.7
3	☐	1.000		16652458.08		A	1.4
4	☐	1.000		16659174.61		A	0.4
5	☐	1.000		16652458.09		A	0.2
6	☐	1.000		16666780.58		A	0.9
7	☐	1.000		16618157.39		A	0.2
8	☐	1.000		15844498.23		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11313585.11		A	1.7
2	☐	1.000		11271201.78		A	0.8
3	☐	1.000		11392988.86		A	1.6
4	☐	1.000		11405024.00		A	0.9
5	☐	1.000		11569753.86		A	2.2
6	☐	1.000		11316025.39		A	0.6
7	☐	1.000		11436331.92		A	0.6
8	☐	1.000		11224427.75		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9812594.16		A	0.7
2	☐	1.000		9998577.21		A	0.8
3	☐	1.000		9977737.42		A	0.4
4	☐	1.000		9977848.46		A	1.4
5	☐	1.000		9941982.35		A	1.0
6	☐	1.000		9733217.29		A	1.2
7	☐	1.000		9658037.43		A	1.0
8	☐	1.000		8521695.29		A	2.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7783396.41		A	1.1
2	☐	1.000		7840692.04		A	1.9
3	☐	1.000		7878042.59		A	1.0
4	☐	1.000		7810396.62		A	1.6
5	☐	1.000		7865180.79		A	1.9
6	☐	1.000		7736867.80		A	1.1
7	☐	1.000		7505868.43		A	0.6
8	☐	1.000		6896902.47		A	0.9