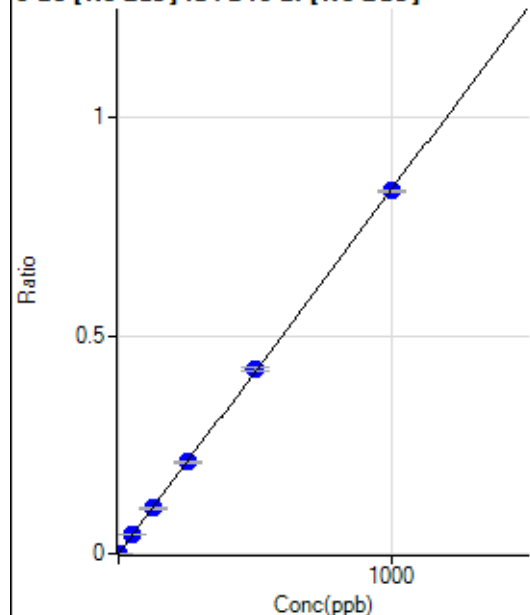


Batch Folder: D:\ICP-MS Data\P7071917 -MS .b\
Analysis File: P7071917 -MS .batch.bin
DA Date-Time: 2017-07-20 11:15:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB P7071917 -MS.D	S00	2017-07-19 11:47:39
2			
3	005CALS P7071917 -MS.D	S02	2017-07-19 11:55:27
4	006CALS P7071917 -MS.D	S03	2017-07-19 11:59:14
5	007CALS P7071917 -MS.D	S04	2017-07-19 12:03:02
6	008CALS P7071917 -MS.D	S05	2017-07-19 12:06:45
7	009CALS P7071917 -MS.D	S06	2017-07-19 12:10:26
8	010CALS P7071917 -MS.D	S07	2017-07-19 12:14:02
9	011CALS P7071917 -MS.D	S08	2017-07-19 12:17:34

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	179.64	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.873	1170.44	0.0009	P	2.9
4	☐	50.000	50.652	57581.65	0.0424	P	1.3
5	☐	125.000	126.562	142691.53	0.1058	P	4.2
6	☐	250.000	250.990	276219.21	0.2098	P	0.8
7	☐	500.000	506.048	553602.66	0.4228	P	2.0
8	☐	1000.000	996.501	1089953.07	0.8325	P	0.8
9	☐			1153.78	0.0009	P	1.9

$$y = 8.3529\text{E-}004 * x + 1.3027\text{E-}004$$

$$R = 1.0000$$

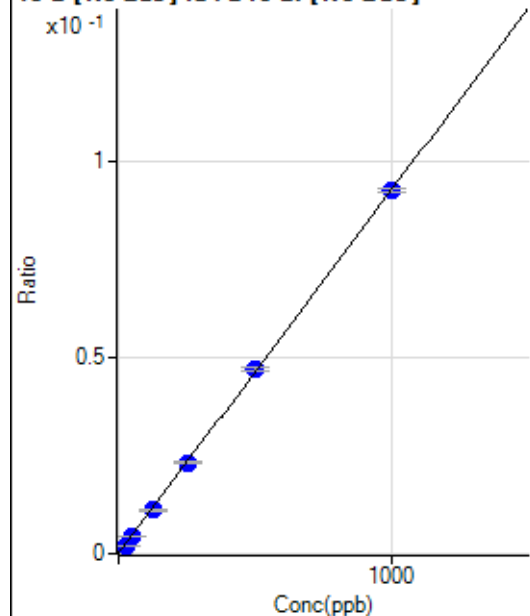
$$DL = 0.03138$$

$$BEC = 0.156$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0001	P	13.4
2	☐	2.500					
3	☐	25.000	21.305	2817.04	0.0021	P	0.4
4	☐	50.000	47.912	6151.50	0.0045	P	3.1
5	☐	125.000	119.481	15041.41	0.0112	P	6.2
6	☐	250.000	248.172	30392.58	0.0231	P	1.9
7	☐	500.000	507.572	61684.47	0.0471	P	1.6
8	☐	1000.000	997.558	121105.68	0.0925	P	1.0
9	☐			7477.13	0.0056	P	5.2

$$y = 9.2628\text{E-}005 * x + 9.4684\text{E-}005$$

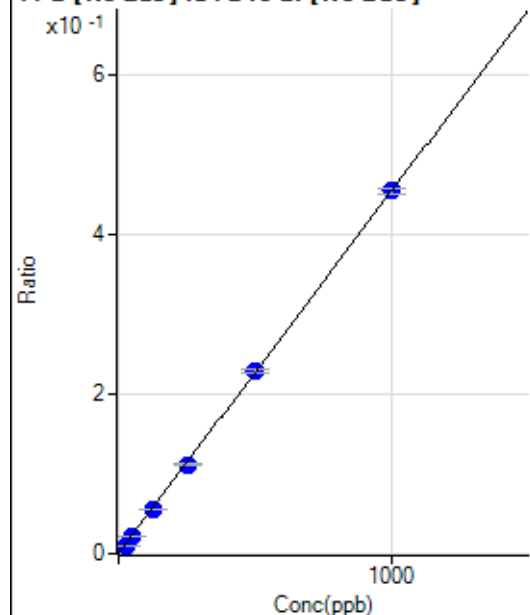
$$R = 0.9999$$

$$DL = 0.4123$$

$$BEC = 1.022$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	691.71	0.0005	P	6.4
2	☐	2.500					
3	☐	25.000	20.836	13584.40	0.0100	P	5.9
4	☐	50.000	47.389	29905.47	0.0220	P	0.9
5	☐	125.000	120.975	74812.65	0.0555	P	3.5
6	☐	250.000	244.435	146937.35	0.1116	P	1.7
7	☐	500.000	503.349	300160.90	0.2293	P	2.7
8	☐	1000.000	1000.454	595962.04	0.4552	P	1.5
9	☐			35960.38	0.0271	P	6.5

$$y = 4.5449\text{E-}004 * x + 5.0151\text{E-}004$$

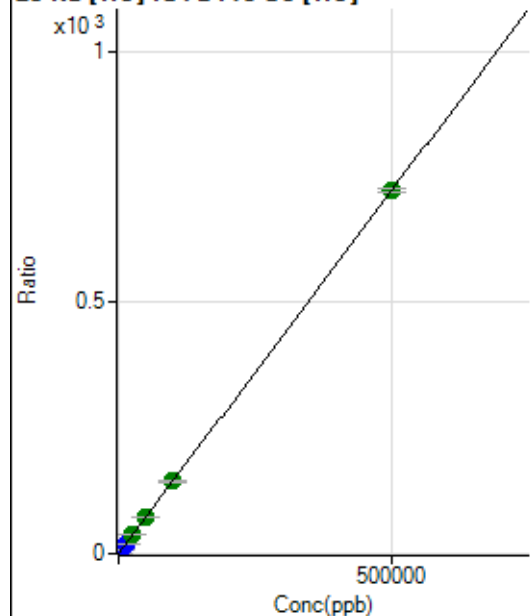
$$R = 1.0000$$

$$DL = 0.2133$$

$$BEC = 1.103$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7110.25	0.0386	P	2.0
2	☐	50.000					
3	☐	500.000	477.245	137104.81	0.7279	P	0.8
4	☐	5000.000	5182.531	1442964.53	7.5242	P	0.3
5	☐	12500.000	12862.957	3603280.94	18.6178	P	0.5
6	☐	25000.000	25406.150	6892405.01	36.7351	A	0.7
7	☐	50000.000	50551.098	13983546.67	73.0544	A	0.7
8	☐	100000.00	99865.645	28018595.07	144.2842	A	3.4
9	☐	500000.00	499940.57	148398393.6	722.1509	A	1.2

$$y = 0.0014 * x + 0.0386$$

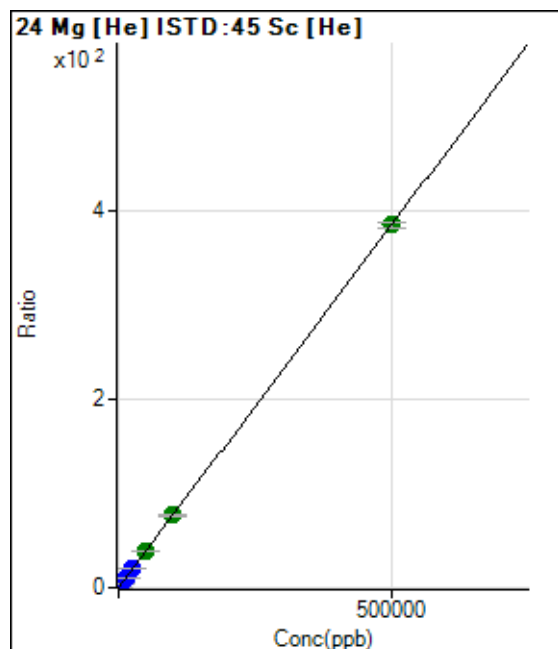
$$R = 1.0000$$

$$DL = 1.565$$

$$BEC = 26.72$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1672.38	0.0091	P	9.3
2	☐	50.000					
3	☐	500.000	465.559	69257.81	0.3676	P	1.0
4	☐	5000.000	5164.942	764561.96	3.9868	P	0.2
5	☐	12500.000	12759.276	1903537.95	9.8354	P	0.6
6	☐	25000.000	25803.292	3730022.39	19.8810	P	1.2
7	☐	50000.000	50452.637	7439137.41	38.8642	A	0.3
8	☐	100000.00	99465.095	14878511.10	76.6101	A	2.8
9	☐	500000.00	500013.45	79132135.80	385.0844	A	1.3

$$y = 7.7013\text{E-}004 * x + 0.0091$$

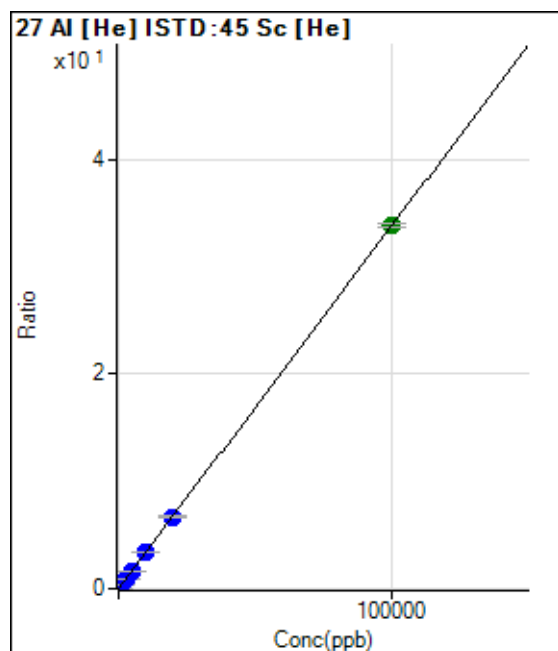
$$R = 1.0000$$

$$DL = 3.286$$

$$BEC = 11.79$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0002	P	44.1
2	☐	2.000					
3	☐	20.000	17.518	1155.65	0.0061	P	9.9
4	☐	1000.000	1015.305	65820.49	0.3432	P	0.8
5	☐	2500.000	2500.724	163546.23	0.8450	P	1.5
6	☐	5000.000	4999.704	316942.62	1.6893	P	1.0
7	☐	10000.000	9862.755	637825.05	3.3322	P	0.4
8	☐	20000.000	19784.987	1298182.94	6.6843	P	2.7
9	☐	100000.00	100056.57	6946415.17	33.8027	A	1.0

$$y = 3.3783\text{E-}004 * x + 2.1076\text{E-}004$$

$$R = 1.0000$$

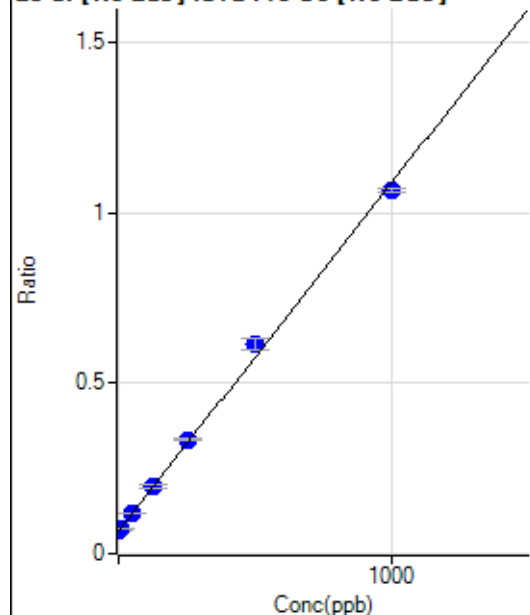
$$DL = 0.8262$$

$$BEC = 0.6238$$

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	290001.94	0.0663	P	0.8
2	☐	1.000					
3	☐	10.000	9.202	325860.24	0.0757	P	1.2
4	☐	50.000	50.027	504111.75	0.1175	P	0.3
5	☐	125.000	129.226	841371.80	0.1985	P	5.9
6	☐	250.000	263.086	1390789.69	0.3353	P	0.4
7	☐	500.000	537.835	2567324.97	0.6162	P	5.0
8	☐	1000.000	977.290	4562008.52	1.0655	P	1.0
9	☐			369555.69	0.0840	P	1.5

$$y = 0.0010 * x + 0.0663$$

$$R = 0.9988$$

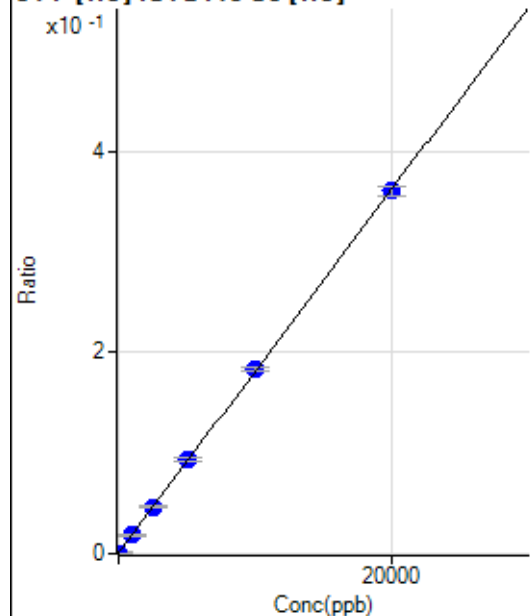
$$DL = 1.507$$

$$BEC = 64.89$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	8.744	169.46	0.0009	P	12.3
2	☐	0.000					
3	☐	0.000	-8.744	113.90	0.0006	P	29.0
4	☐	1000.000	981.528	3547.77	0.0185	P	5.5
5	☐	2500.000	2540.033	9030.92	0.0467	P	1.7
6	☐	5000.000	5104.787	17449.73	0.0930	P	3.8
7	☐	10000.000	10083.385	35025.49	0.1830	P	2.4
8	☐	20000.000	19928.030	70093.07	0.3609	P	2.4
9	☐			191.68	0.0009	P	7.6

$$y = 1.8071E-005 * x + 7.6173E-004$$

$$R = 1.0000$$

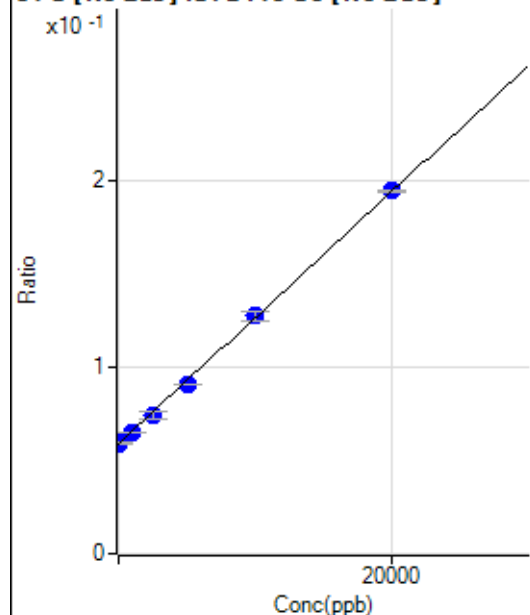
$$DL = 23.91$$

$$BEC = 42.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-93.537	256063.01	0.0586	P	0.5
2	☐	0.000					
3	☐	0.000	93.537	257437.83	0.0598	P	1.6
4	☐	1000.000	858.894	279033.61	0.0650	P	0.8
5	☐	2500.000	2265.257	316140.89	0.0746	P	5.3
6	☐	5000.000	4656.392	376388.00	0.0907	P	0.1
7	☐	10000.000	10142.666	532974.13	0.1279	P	4.3
8	☐	20000.000	20050.967	834883.66	0.1950	P	0.9
9	☐			256730.00	0.0584	P	0.6

$$y = 6.7714\text{E-}006 * x + 0.0592$$

$$R = 0.9997$$

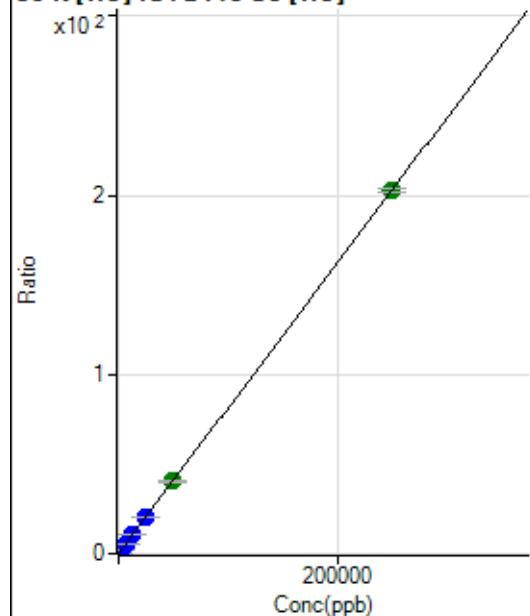
$$DL = 276.2$$

$$BEC = 8745$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27203.68	0.1477	P	2.5
2	☐	50.000					
3	☐	500.000	451.789	96666.99	0.5132	P	0.6
4	☐	2500.000	2547.501	423599.67	2.2088	P	0.4
5	☐	6250.000	6243.376	1006236.18	5.1991	P	0.6
6	☐	12500.000	12672.404	1951428.52	10.4008	P	0.8
7	☐	25000.000	25447.293	3969302.04	20.7368	P	0.7
8	☐	50000.000	49726.664	7843131.17	40.3810	A	2.4
9	☐	250000.00	250001.10	41596870.03	202.4209	A	1.1

$$y = 8.0909\text{E-}004 * x + 0.1477$$

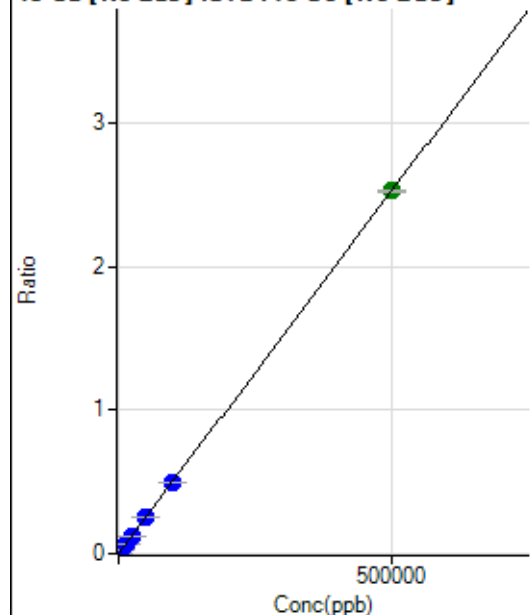
$$R = 1.0000$$

$$DL = 13.47$$

$$BEC = 182.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0001	P	10.4
2	☐	50.000					
3	☐	500.000	439.722	9789.78	0.0023	P	2.3
4	☐	5000.000	4897.170	106444.71	0.0248	P	1.0
5	☐	12500.000	12476.589	267659.36	0.0631	P	5.5
6	☐	25000.000	24875.009	521788.67	0.1258	P	0.7
7	☐	50000.000	50283.764	1059409.91	0.2542	P	4.7
8	☐	100000.00	97957.982	2120538.29	0.4952	P	0.7
9	☐	500000.00	500387.95	11125928.03	2.5296	A	0.7

$$y = 5.0552E-006 * x + 5.2083E-005$$

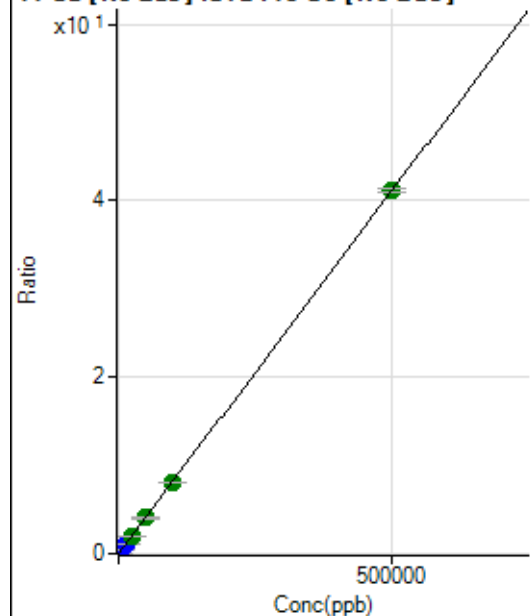
$$R = 1.0000$$

$$DL = 3.217$$

$$BEC = 10.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6712.97	0.0015	P	4.0
2	☐	50.000					
3	☐	500.000	436.604	160885.93	0.0374	P	1.3
4	☐	5000.000	4910.177	1737174.60	0.4049	P	0.9
5	☐	12500.000	12523.331	4367907.56	1.0302	P	5.9
6	☐	25000.000	24644.381	8402961.91	2.0259	A	0.4
7	☐	50000.000	49897.703	17087286.49	4.1002	A	4.3
8	☐	100000.00	97490.245	34295490.70	8.0096	A	0.6
9	☐	500000.00	500530.34	180836645.7	41.1162	A	1.0

$$y = 8.2142E-005 * x + 0.0015$$

$$R = 1.0000$$

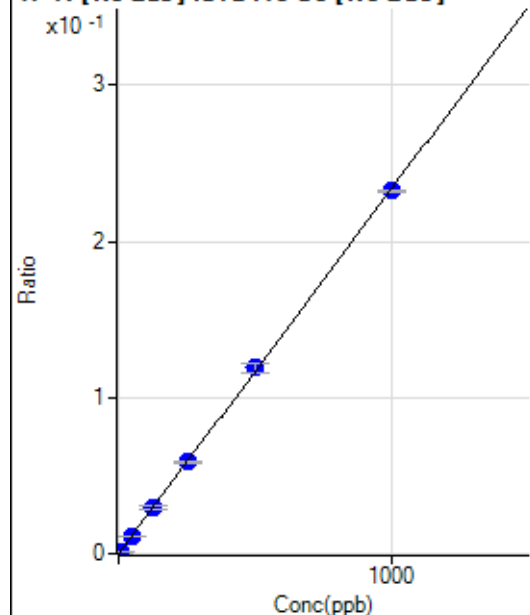
$$DL = 2.267$$

$$BEC = 18.69$$

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	100.00	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	4.392	4514.78	0.0010	P	2.8
4	☐	50.000	49.675	49905.28	0.0116	P	0.7
5	☐	125.000	125.995	124888.53	0.0295	P	6.5
6	☐	250.000	251.249	243609.17	0.0587	P	0.9
7	☐	500.000	510.081	496625.86	0.1192	P	5.6
8	☐	1000.000	994.542	995167.85	0.2324	P	0.6
9	☐			1905.77	0.0004	P	1.5

$$y = 2.3367E-004 * x + 2.2899E-005$$

$$R = 0.9999$$

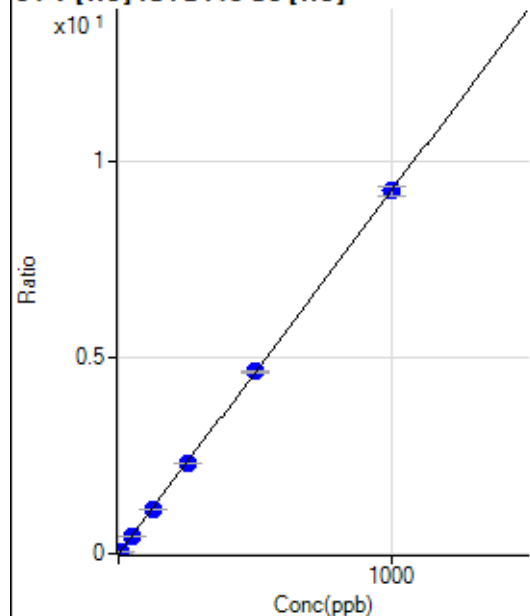
$$DL = 0.05118$$

$$BEC = 0.098$$

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	56.67	0.0003	P	20.9
2	☐	0.500					
3	☐	5.000	4.494	7896.68	0.0419	P	3.2
4	☐	50.000	50.007	88913.51	0.4636	P	0.7
5	☐	125.000	123.506	221524.03	1.1446	P	0.9
6	☐	250.000	250.369	435282.62	2.3200	P	0.9
7	☐	500.000	500.736	888101.45	4.6397	P	0.2
8	☐	1000.000	999.729	1799030.21	9.2629	P	2.6
9	☐			955.60	0.0046	P	4.9

$$y = 0.0093 * x + 3.0748E-004$$

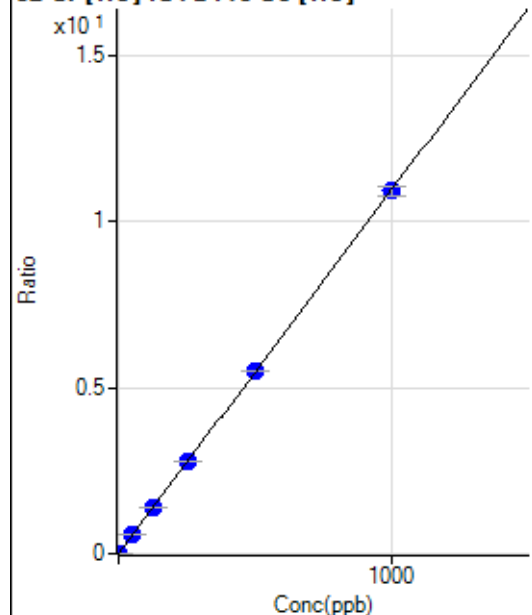
$$R = 1.0000$$

$$DL = 0.02084$$

$$BEC = 0.03319$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	480.02	0.0026	P	8.5
2	☐	0.200					
3	☐	2.000	2.022	4666.37	0.0248	P	1.4
4	☐	50.000	51.178	108065.38	0.5635	P	0.3
5	☐	125.000	125.199	266062.69	1.3747	P	1.0
6	☐	250.000	252.737	520176.25	2.7725	P	1.1
7	☐	500.000	503.065	1055839.04	5.5160	P	0.4
8	☐	1000.000	997.699	2124088.46	10.9370	P	2.8
9	☐			54760.26	0.2665	P	1.9

$$y = 0.0110 * x + 0.0026$$

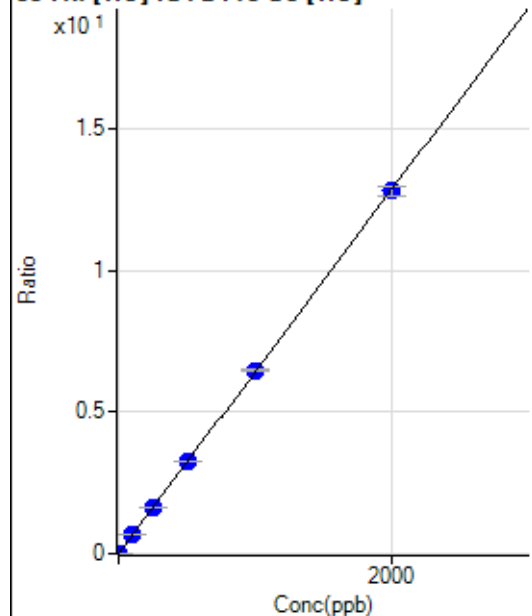
$$R = 1.0000$$

$$DL = 0.06052$$

$$BEC = 0.2376$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	572.24	0.0031	P	3.9
2	☐	0.100					
3	☐	1.000	0.948	1730.13	0.0092	P	1.2
4	☐	100.000	101.957	125995.85	0.6570	P	0.4
5	☐	250.000	252.023	313420.42	1.6194	P	0.6
6	☐	500.000	507.501	611263.44	3.2579	P	0.6
7	☐	1000.000	1006.616	1236321.27	6.4589	P	0.6
8	☐	2000.000	1994.466	2484820.54	12.7943	P	2.8
9	☐			11303.37	0.0550	P	0.8

$$y = 0.0064 * x + 0.0031$$

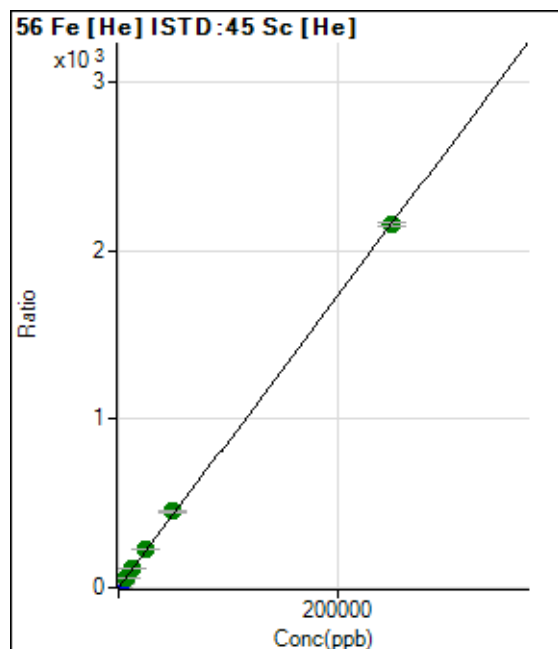
$$R = 1.0000$$

$$DL = 0.05721$$

$$BEC = 0.4844$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4478.58	0.0243	P	3.2
2	☐	5.000					
3	☐	50.000	49.691	85451.27	0.4536	P	1.0
4	☐	2500.000	2759.398	4576046.40	23.8614	P	0.3
5	☐	6250.000	6618.735	11070370.85	57.2004	A	0.9
6	☐	12500.000	13371.517	21676506.97	115.5345	A	1.2
7	☐	25000.000	26502.628	43827624.13	228.9680	A	0.2
8	☐	50000.000	52358.445	87843911.23	452.3242	A	3.0
9	☐	250000.00	249322.66	442595298.7	2,153.805	A	1.2

$$y = 0.0086 * x + 0.0243$$

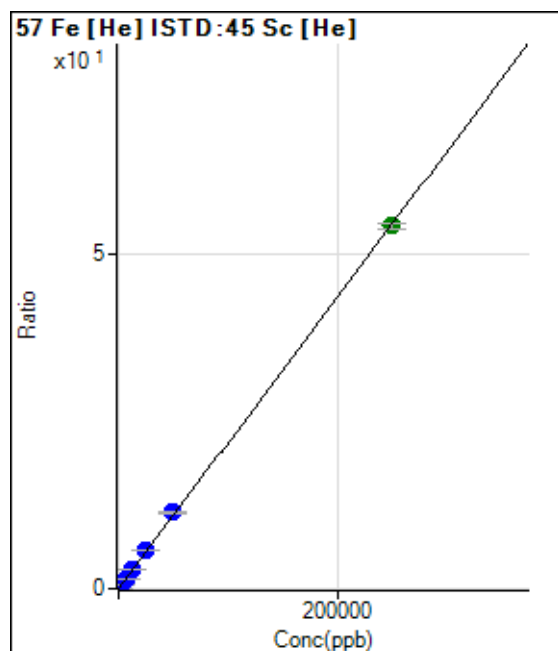
$$R = 0.9999$$

$$DL = 0.2698$$

$$BEC = 2.814$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	220.38	0.0012	P	3.2
2	☐	5.000					
3	☐	50.000	49.246	2246.53	0.0119	P	4.3
4	☐	2500.000	2664.821	111610.09	0.5820	P	0.8
5	☐	6250.000	6582.855	277894.35	1.4359	P	1.5
6	☐	12500.000	13254.250	542207.97	2.8899	P	1.3
7	☐	25000.000	26414.453	1102182.27	5.7581	P	0.8
8	☐	50000.000	52294.765	2213815.56	11.3986	P	2.7
9	☐	250000.00	249351.92	11167725.71	54.3465	A	1.5

$$y = 2.1795E-004 * x + 0.0012$$

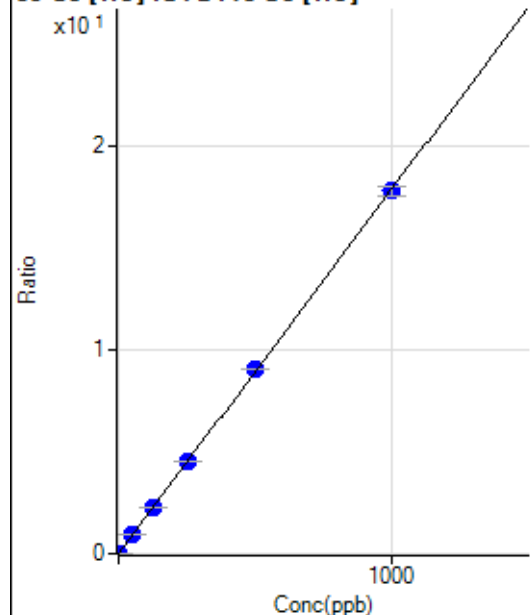
$$R = 0.9999$$

$$DL = 0.5275$$

$$BEC = 5.487$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	334.46	0.0018	P	12.7
2	☐	0.100					
3	☐	1.000	0.923	3447.13	0.0183	P	3.7
4	☐	50.000	51.706	177629.08	0.9262	P	0.6
5	☐	125.000	126.682	438685.40	2.2667	P	0.6
6	☐	250.000	254.120	852759.95	4.5450	P	0.7
7	☐	500.000	505.156	1729060.62	9.0331	P	0.3
8	☐	1000.000	996.097	3458989.53	17.8103	P	2.8
9	☐			6100.25	0.0297	P	4.7

$$y = 0.0179 * x + 0.0018$$

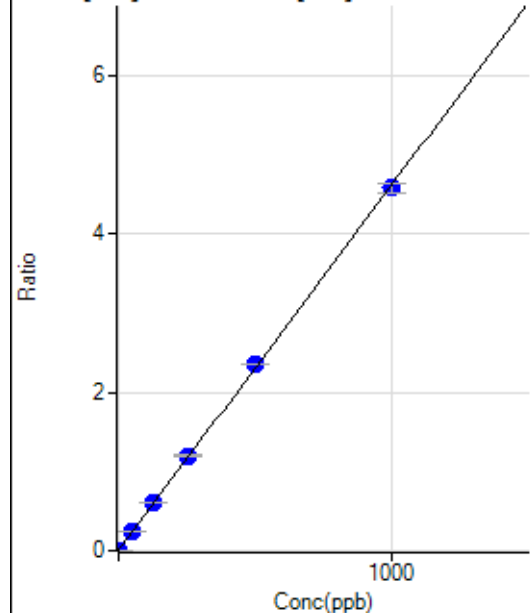
$$R = 1.0000$$

$$DL = 0.0388$$

$$BEC = 0.1015$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	712.25	0.0039	P	1.9
2	☐	0.100					
3	☐	1.000	0.891	1501.21	0.0080	P	3.4
4	☐	50.000	52.923	47535.87	0.2479	P	0.7
5	☐	125.000	130.017	116764.32	0.6033	P	1.0
6	☐	250.000	258.666	224475.61	1.1965	P	1.5
7	☐	500.000	508.321	449350.36	2.3475	P	0.1
8	☐	1000.000	992.900	889868.42	4.5817	P	2.6
9	☐			14653.06	0.0713	P	2.0

$$y = 0.0046 * x + 0.0039$$

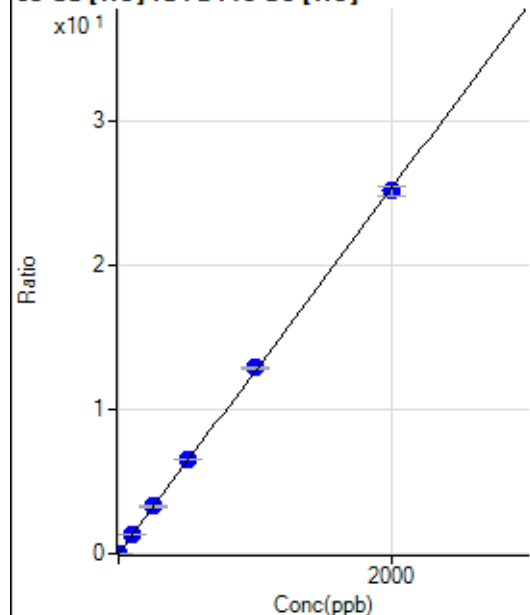
$$R = 0.9999$$

$$DL = 0.04895$$

$$BEC = 0.8384$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1112.29	0.0060	P	6.2
2	☐	0.200					
3	☐	2.000	2.289	6598.24	0.0350	P	4.4
4	☐	100.000	105.637	257915.80	1.3449	P	0.4
5	☐	250.000	257.752	633408.09	3.2728	P	0.9
6	☐	500.000	516.684	1229714.19	6.5545	P	1.4
7	☐	1000.000	1016.905	2468136.82	12.8942	P	0.3
8	☐	2000.000	1986.125	4889920.76	25.1781	P	2.8
9	☐			11575.85	0.0563	P	1.7

$$y = 0.0127 * x + 0.0060$$

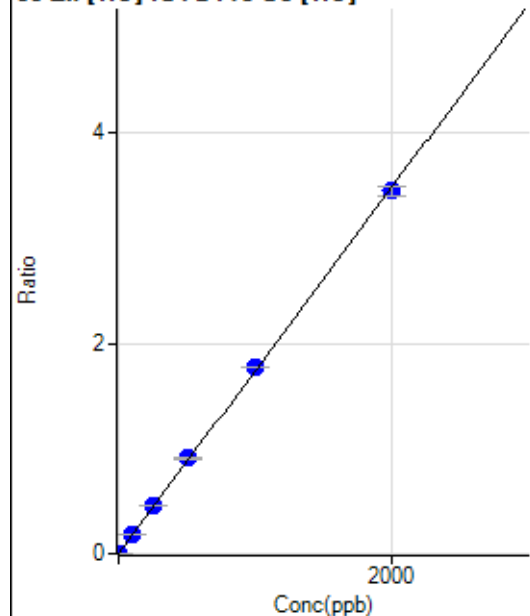
$$R = 0.9999$$

$$DL = 0.08892$$

$$BEC = 0.4764$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0009	P	7.7
2	☐	0.200					
3	☐	2.000	2.357	943.38	0.0050	P	6.9
4	☐	100.000	107.722	36133.70	0.1884	P	1.5
5	☐	250.000	262.571	88632.27	0.4580	P	0.6
6	☐	500.000	521.039	170325.43	0.9079	P	1.8
7	☐	1000.000	1019.975	340019.29	1.7764	P	0.2
8	☐	2000.000	1982.795	670481.39	3.4523	P	2.8
9	☐			4990.94	0.0243	P	0.9

$$y = 0.0017 * x + 9.0486E-004$$

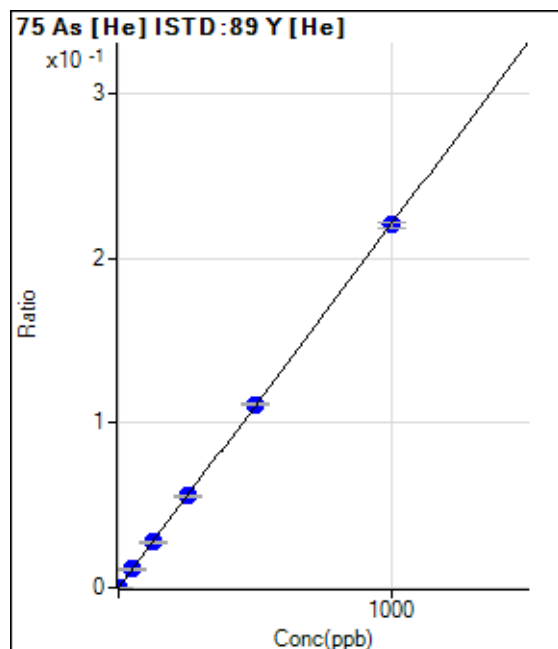
$$R = 0.9999$$

$$DL = 0.1205$$

$$BEC = 0.5198$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.43	0.0000	P	49.1
2	☐	0.100					
3	☐	1.000	0.971	260.50	0.0002	P	10.5
4	☐	50.000	50.252	12970.68	0.0111	P	1.3
5	☐	125.000	124.340	32046.99	0.0274	P	1.5
6	☐	250.000	251.391	62995.36	0.0555	P	0.6
7	☐	500.000	504.345	127788.49	0.1113	P	1.0
8	☐	1000.000	997.549	256717.66	0.2200	P	1.9
9	☐			211.11	0.0002	P	2.2

$$y = 2.2056\text{E-}004 * x + 1.3831\text{E-}005$$

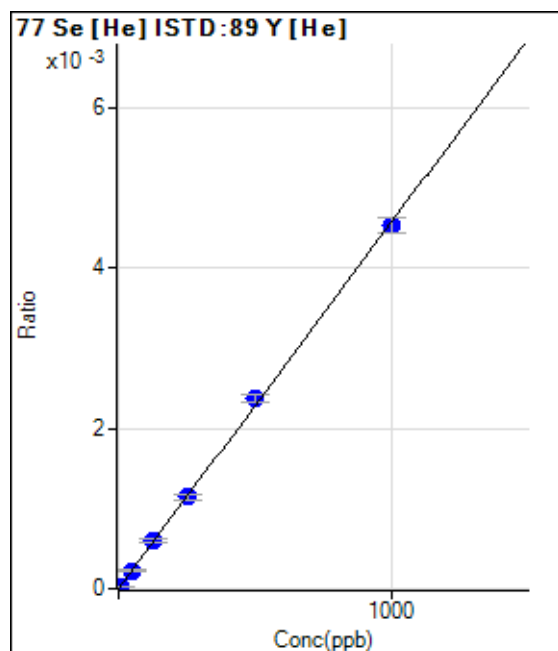
$$R = 1.0000$$

$$DL = 0.09237$$

$$BEC = 0.06271$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.764	30.00	0.0000	P	31.9
4	☐	50.000	47.862	255.56	0.0002	P	11.6
5	☐	125.000	131.084	700.03	0.0006	P	8.9
6	☐	250.000	249.507	1295.63	0.0011	P	5.6
7	☐	500.000	519.490	2726.97	0.0024	P	4.2
8	☐	1000.000	989.721	5276.60	0.0045	P	4.3
9	☐			10.00	0.0000	P	116.1

$$y = 4.5710\text{E-}006 * x + 0.0000\text{E+}000$$

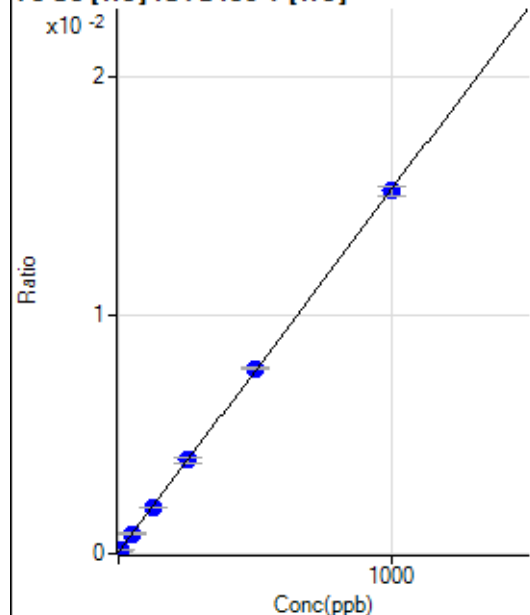
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.84	0.0001	P	16.0
2	☐	0.500					
3	☐	5.000	4.546	153.71	0.0001	P	6.0
4	☐	50.000	51.030	983.38	0.0008	P	3.3
5	☐	125.000	124.068	2279.83	0.0020	P	2.1
6	☐	250.000	253.527	4452.57	0.0039	P	4.7
7	☐	500.000	505.635	8907.12	0.0078	P	1.1
8	☐	1000.000	996.368	17752.28	0.0152	P	2.7
9	☐			78.40	0.0001	P	15.8

$$y = 1.5207\text{E-}005 * x + 6.5208\text{E-}005$$

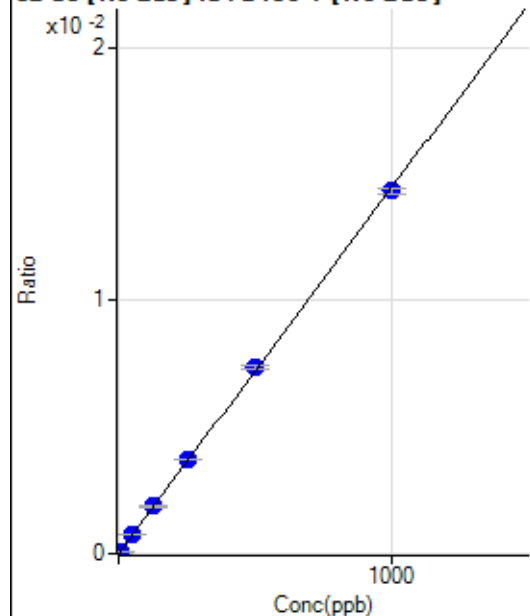
$$R = 1.0000$$

$$DL = 2.059$$

$$BEC = 4.288$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-54.29	0.0000	P	-106.
2	☐	0.500					
3	☐	5.000	5.013	532.58	0.0001	P	15.2
4	☐	50.000	51.790	5900.41	0.0007	P	1.7
5	☐	125.000	129.081	14640.04	0.0019	P	5.1
6	☐	250.000	259.128	28931.05	0.0037	P	0.5
7	☐	500.000	510.370	57531.80	0.0074	P	2.2
8	☐	1000.000	991.933	113497.04	0.0143	P	1.3
9	☐			193.58	0.0000	P	19.7

$$y = 1.4455\text{E-}005 * x - 6.5884\text{E-}006$$

$$R = 0.9999$$

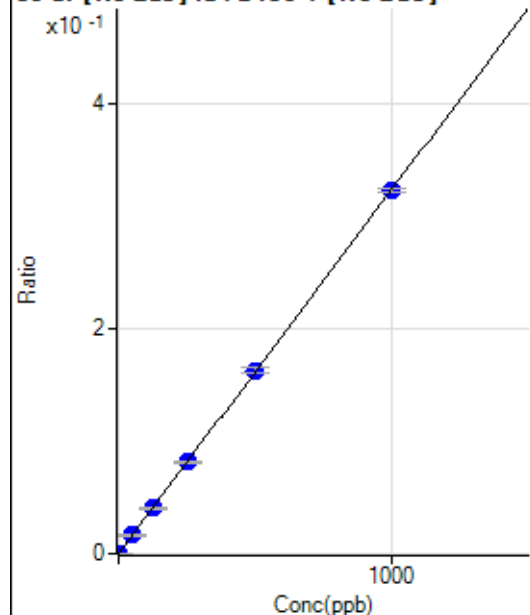
$$DL = 1.461$$

$$BEC = -0.4558$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	783.39	0.0001	P	6.5
2	☐	0.100					
3	☐	1.000	0.929	3197.74	0.0004	P	3.7
4	☐	50.000	49.996	129435.11	0.0163	P	0.9
5	☐	125.000	125.840	321603.54	0.0408	P	3.9
6	☐	250.000	251.655	631039.48	0.0816	P	0.6
7	☐	500.000	504.201	1274608.21	0.1633	P	2.7
8	☐	1000.000	997.381	2557568.40	0.3229	P	1.0
9	☐			88050.07	0.0113	P	0.9

$$y = 3.2370\text{E-}004 * x + 9.4978\text{E-}005$$

$$R = 1.0000$$

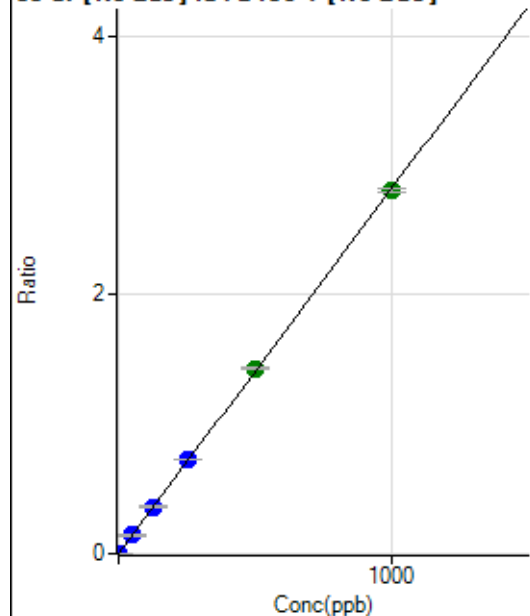
$$DL = 0.05764$$

$$BEC = 0.2934$$

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	338.91	0.0000	P	15.6
2	☐	0.100					
3	☐	1.000	0.945	21881.35	0.0027	P	1.1
4	☐	50.000	50.182	1125522.53	0.1416	P	0.8
5	☐	125.000	127.585	2834197.11	0.3598	P	4.0
6	☐	250.000	256.417	5595303.21	0.7231	P	0.3
7	☐	500.000	507.871	11180146.43	1.4322	A	1.6
8	☐	1000.000	994.128	22202068.21	2.8035	A	1.0
9	☐			767816.22	0.0982	P	1.0

$$y = 0.0028 * x + 4.1114\text{E-}005$$

$$R = 0.9999$$

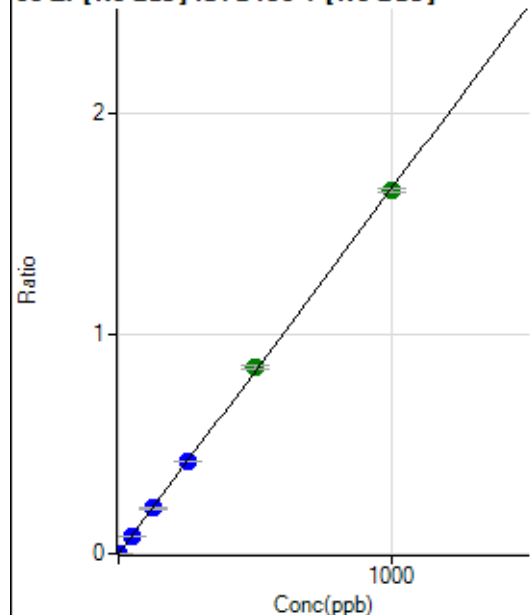
$$DL = 0.006829$$

$$BEC = 0.01458$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.37	0.0001	P	11.9
2	☐	0.100					
3	☐	1.000	0.880	12325.21	0.0015	P	3.4
4	☐	50.000	48.362	638927.51	0.0804	P	1.0
5	☐	125.000	125.055	1635603.16	0.2077	P	4.5
6	☐	250.000	253.654	3258951.46	0.4212	P	0.4
7	☐	500.000	510.277	6613147.20	0.8472	A	2.1
8	☐	1000.000	994.023	13069980.50	1.6503	A	1.0
9	☐			5053.89	0.0006	P	4.9

$$y = 0.0017 * x + 6.4638E-005$$

$$R = 0.9999$$

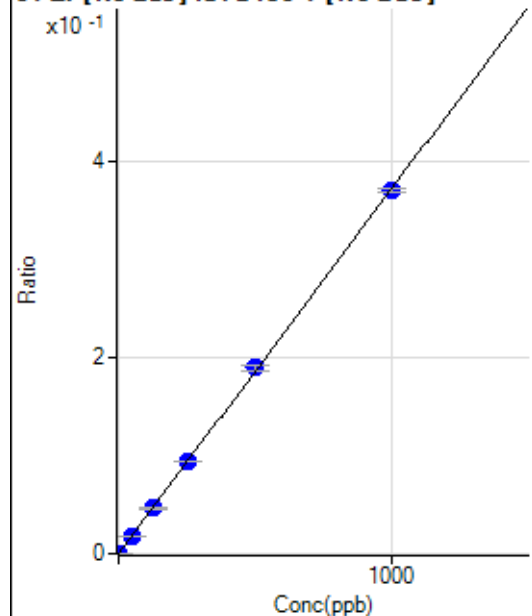
$$DL = 0.01388$$

$$BEC = 0.03893$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	29.8
2	☐	0.100					
3	☐	1.000	0.877	2733.71	0.0003	P	4.1
4	☐	50.000	47.655	140920.09	0.0177	P	1.5
5	☐	125.000	124.717	365182.00	0.0464	P	4.0
6	☐	250.000	251.199	722456.45	0.0934	P	0.4
7	☐	500.000	510.076	1479676.52	0.1896	P	2.8
8	☐	1000.000	994.815	2928129.99	0.3697	P	1.0
9	☐			1219.56	0.0002	P	9.6

$$y = 3.7165E-004 * x + 1.2114E-005$$

$$R = 0.9999$$

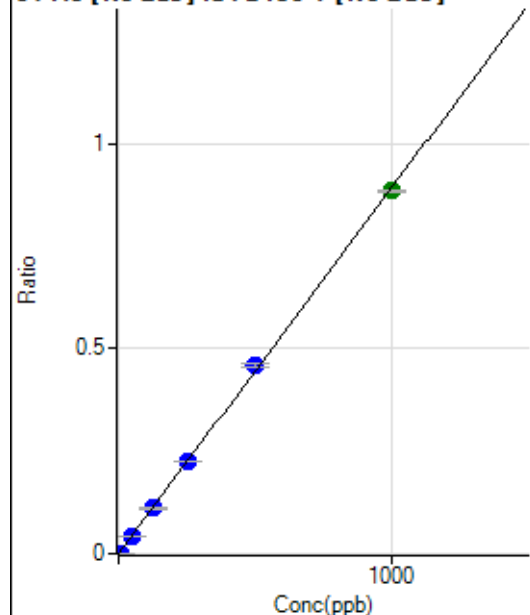
$$DL = 0.0291$$

$$BEC = 0.0326$$

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	241.68	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	1.960	14352.28	0.0018	P	0.8
4	☐	50.000	49.185	348701.55	0.0439	P	2.1
5	☐	125.000	125.388	880168.98	0.1118	P	4.5
6	☐	250.000	252.069	1738209.98	0.2246	P	0.3
7	☐	500.000	514.501	3578845.95	0.4585	P	2.1
8	☐	1000.000	992.240	7002589.22	0.8842	A	0.6
9	☐			12720.07	0.0016	P	0.2

$$y = 8.9108\text{E-}004 * x + 2.9292\text{E-}005$$

$$R = 0.9998$$

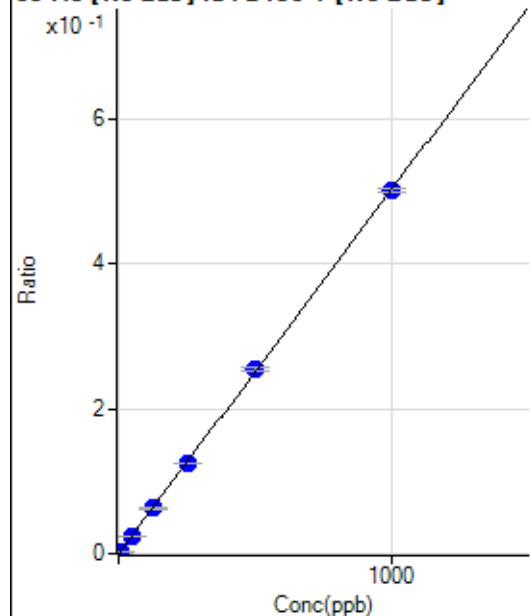
$$DL = 0.006184$$

$$BEC = 0.03287$$

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	261.12	0.0000	P	17.6
2	☐	0.500					
3	☐	5.000	4.345	17917.52	0.0022	P	1.4
4	☐	50.000	49.563	198454.63	0.0250	P	0.7
5	☐	125.000	124.715	494260.55	0.0628	P	4.3
6	☐	250.000	249.864	972605.26	0.1257	P	0.1
7	☐	500.000	507.065	1990871.42	0.2551	P	2.1
8	☐	1000.000	996.562	3969612.72	0.5012	P	1.0
9	☐			19041.16	0.0024	P	2.5

$$y = 5.0294\text{E-}004 * x + 3.1635\text{E-}005$$

$$R = 1.0000$$

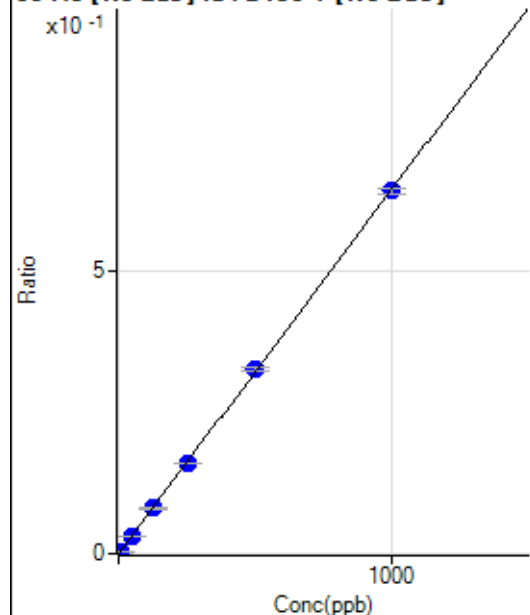
$$DL = 0.03319$$

$$BEC = 0.0629$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.46	0.0000	P	9.3
2	☐	0.500					
3	☐	5.000	3.857	20231.77	0.0025	P	1.9
4	☐	50.000	48.979	250021.94	0.0314	P	0.8
5	☐	125.000	124.750	630428.18	0.0800	P	4.2
6	☐	250.000	249.158	1236766.38	0.1598	P	0.4
7	☐	500.000	506.336	2535108.22	0.3248	P	2.4
8	☐	1000.000	997.130	5065106.14	0.6396	P	1.3
9	☐			27210.10	0.0035	P	0.6

$$y = 6.4139\text{E-}004 * x + 2.9627\text{E-}005$$

$$R = 1.0000$$

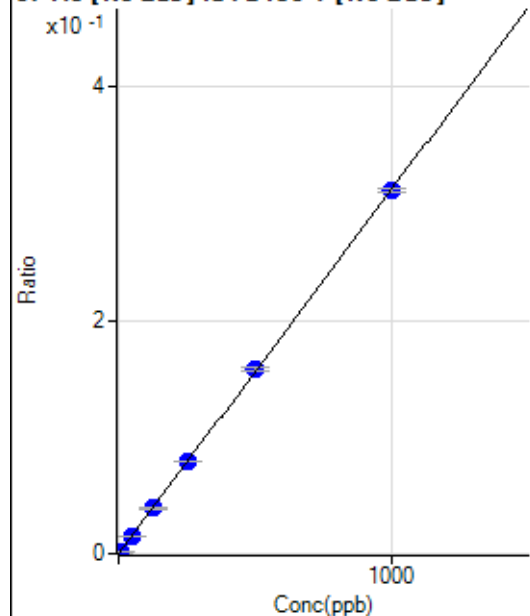
$$DL = 0.01295$$

$$BEC = 0.04619$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	15.1
2	☐	0.500					
3	☐	5.000	4.437	11291.07	0.0014	P	0.4
4	☐	50.000	49.839	123685.32	0.0156	P	0.7
5	☐	125.000	125.912	309279.79	0.0393	P	5.1
6	☐	250.000	251.198	606225.51	0.0783	P	0.1
7	☐	500.000	506.832	1233809.37	0.1581	P	2.1
8	☐	1000.000	996.181	2460322.67	0.3107	P	1.1
9	☐			11966.64	0.0015	P	2.7

$$y = 3.1184\text{E-}004 * x + 1.3463\text{E-}005$$

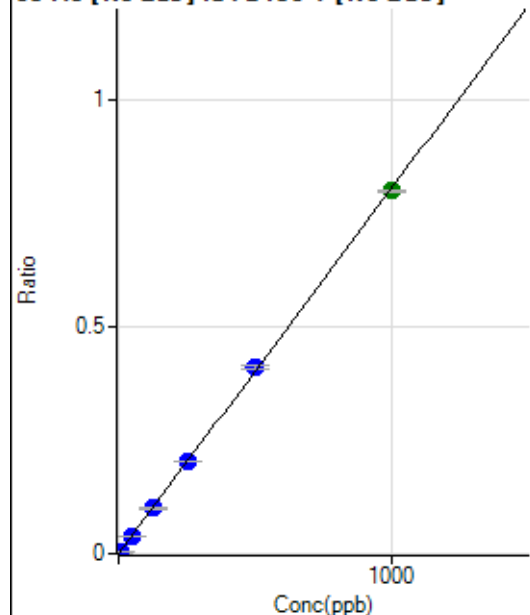
$$R = 1.0000$$

$$DL = 0.0195$$

$$BEC = 0.04317$$

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	327.80	0.0000	P	4.3
2	☐	0.500					
3	☐	5.000	4.401	28991.62	0.0036	P	0.5
4	☐	50.000	49.573	318014.84	0.0400	P	0.8
5	☐	125.000	125.855	799164.40	0.1015	P	4.7
6	☐	250.000	251.800	1570658.77	0.2030	P	0.3
7	☐	500.000	512.157	3222369.41	0.4128	P	2.4
8	☐	1000.000	993.389	6341434.74	0.8007	A	0.6
9	☐			30121.72	0.0039	P	1.5

$$y = 8.0600\text{E-}004 * x + 3.9746\text{E-}005$$

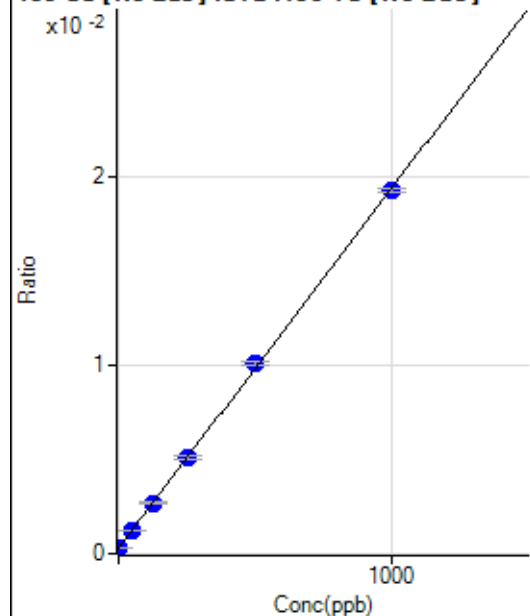
$$R = 0.9999$$

$$DL = 0.0064$$

$$BEC = 0.04931$$

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	3331.11	0.0003	P	8.3
2	☐	0.100					
3	☐	1.000	0.674	3383.90	0.0003	P	7.7
4	☐	50.000	49.323	13748.91	0.0012	P	1.9
5	☐	125.000	125.059	29526.19	0.0027	P	2.8
6	☐	250.000	251.214	54689.69	0.0051	P	3.0
7	☐	500.000	513.157	107897.87	0.0101	P	2.1
8	☐	1000.000	993.145	207086.05	0.0193	P	1.1
9	☐			3036.59	0.0003	P	5.9

$$y = 1.9136\text{E-}005 * x + 2.9379\text{E-}004$$

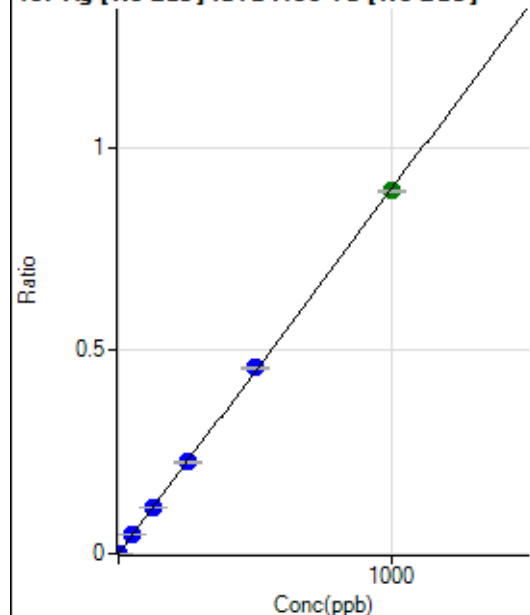
$$R = 0.9999$$

$$DL = 3.836$$

$$BEC = 15.35$$

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	77.78	0.0000	P	40.5
2	☐	0.100					
3	☐	1.000	1.215	12100.08	0.0011	P	2.3
4	☐	50.000	50.255	500692.00	0.0451	P	0.6
5	☐	125.000	125.957	1241342.54	0.1130	P	3.2
6	☐	250.000	251.359	2417257.63	0.2254	P	0.8
7	☐	500.000	509.282	4873092.86	0.4568	P	1.4
8	☐	1000.000	994.887	9574918.36	0.8923	A	0.3
9	☐			1769.64	0.0002	P	5.0

$$y = 8.9684\text{E-}004 * x + 6.8591\text{E-}006$$

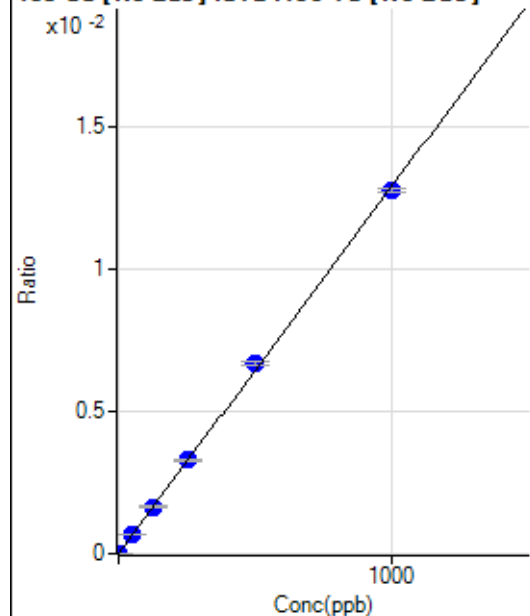
$$R = 0.9999$$

$$DL = 0.009301$$

$$BEC = 0.007648$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	66.2
2	☐	0.100					
3	☐	1.000	1.009	159.73	0.0000	P	19.3
4	☐	50.000	51.473	7381.24	0.0007	P	2.2
5	☐	125.000	126.624	17932.46	0.0016	P	4.8
6	☐	250.000	255.805	35345.50	0.0033	P	2.1
7	☐	500.000	518.829	71318.83	0.0067	P	1.2
8	☐	1000.000	988.857	136701.11	0.0127	P	1.2
9	☐			48.61	0.0000	P	35.4

$$y = 1.2881\text{E-}005 * x + 1.4699\text{E-}006$$

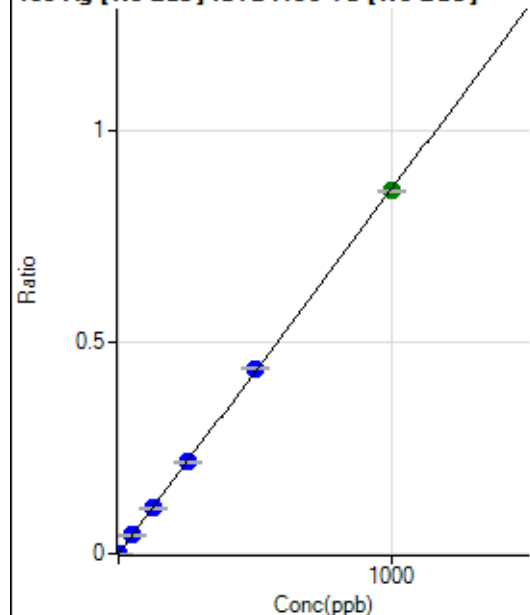
$$R = 0.9997$$

$$DL = 0.2266$$

$$BEC = 0.1141$$

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	50.00	0.0000	P	28.9
2	☐	0.100					
3	☐	1.000	1.233	11777.64	0.0011	P	2.3
4	☐	50.000	50.255	481038.19	0.0433	P	0.9
5	☐	125.000	125.843	1191572.56	0.1084	P	3.2
6	☐	250.000	251.182	2320794.91	0.2164	P	1.3
7	☐	500.000	508.324	4673385.82	0.4380	P	1.0
8	☐	1000.000	995.424	9204471.74	0.8578	A	0.7
9	☐			1780.74	0.0002	P	4.9

$$y = 8.6169\text{E-}004 * x + 4.4097\text{E-}006$$

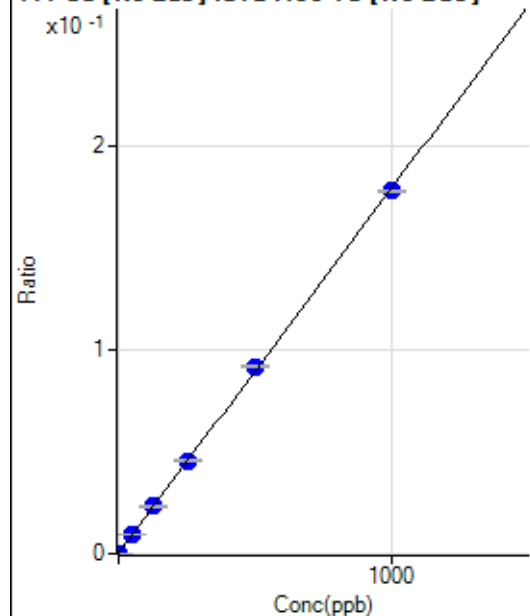
$$R = 0.9999$$

$$DL = 0.004432$$

$$BEC = 0.005118$$

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	2400.67	0.0002	P	8.4
2	☐	0.100					
3	☐	1.000	0.948	4211.27	0.0004	P	7.4
4	☐	50.000	50.862	103595.93	0.0093	P	1.4
5	☐	125.000	128.433	255217.82	0.0232	P	3.6
6	☐	250.000	253.664	489721.97	0.0457	P	0.7
7	☐	500.000	511.154	979613.73	0.0918	P	1.3
8	☐	1000.000	993.035	1912017.59	0.1782	P	0.6
9	☐			2615.21	0.0003	P	6.5

$$y = 1.7921\text{E-}004 * x + 2.1173\text{E-}004$$

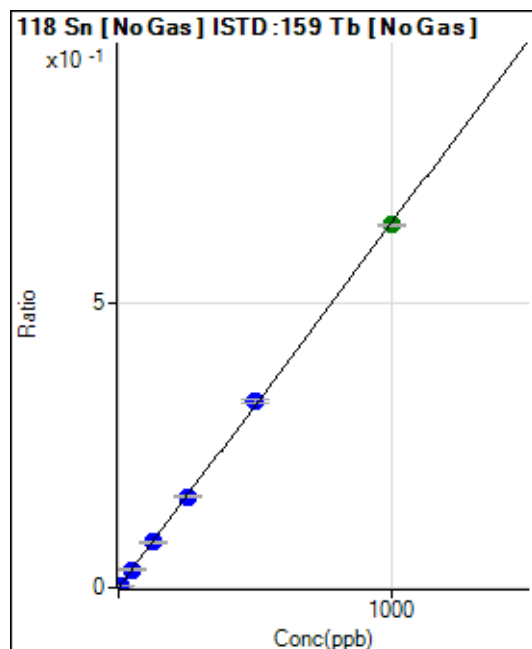
$$R = 0.9999$$

$$DL = 0.2973$$

$$BEC = 1.181$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1063.97	0.0001	P	21.1
2	☐	0.500					
3	☐	5.000	4.519	32909.02	0.0030	P	1.6
4	☐	50.000	49.646	353464.66	0.0318	P	1.7
5	☐	125.000	124.800	877207.55	0.0798	P	4.0
6	☐	250.000	249.866	1713158.11	0.1598	P	0.8
7	☐	500.000	510.741	3483243.05	0.3265	P	1.5
8	☐	1000.000	994.708	6822347.98	0.6358	A	0.8
9	☐			10740.65	0.0010	P	0.7

$$y = 6.3905\text{E-}004 * x + 9.3839\text{E-}005$$

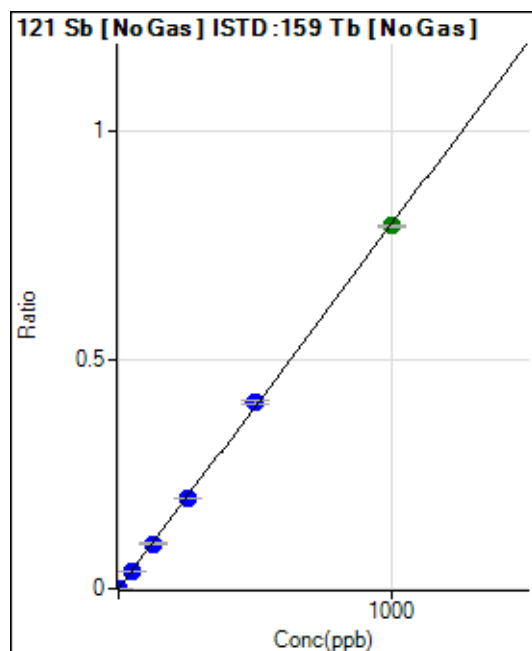
$$R = 0.9999$$

$$DL = 0.09283$$

$$BEC = 0.1468$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	32.9
2	☐	0.200					
3	☐	2.000	1.842	16207.22	0.0015	P	2.2
4	☐	50.000	48.250	425952.56	0.0384	P	2.0
5	☐	125.000	123.316	1076749.31	0.0980	P	4.2
6	☐	250.000	248.540	2118140.80	0.1975	P	0.7
7	☐	500.000	510.532	4329073.66	0.4058	P	1.5
8	☐	1000.000	995.397	8489562.78	0.7911	A	0.5
9	☐			31413.84	0.0030	P	2.4

$$y = 7.9478\text{E-}004 * x + 4.6554\text{E-}006$$

$$R = 0.9999$$

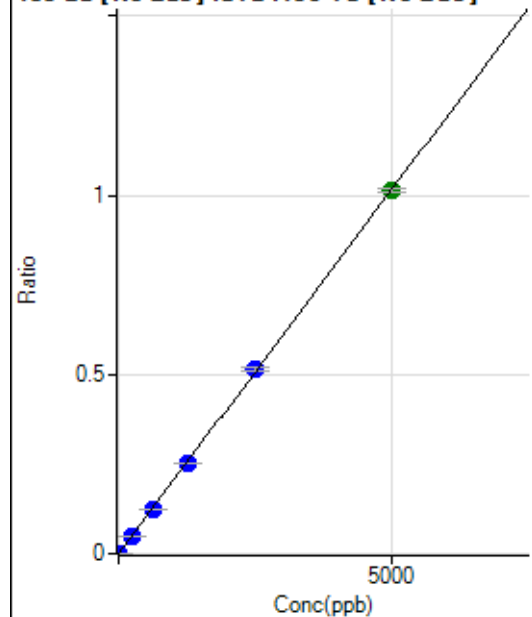
$$DL = 0.005785$$

$$BEC = 0.005857$$

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	258.35	0.0000	P	14.1
2	☐	1.000					
3	☐	10.000	8.810	19981.81	0.0018	P	2.7
4	☐	250.000	243.129	548084.32	0.0493	P	1.8
5	☐	625.000	610.047	1360121.95	0.1238	P	3.4
6	☐	1250.000	1236.805	2690743.64	0.2509	P	0.9
7	☐	2500.000	2537.860	5493470.83	0.5149	P	1.4
8	☐	5000.000	4986.584	10856227.59	1.0117	A	1.2
9	☐			5231.78	0.0005	P	3.6

$$y = 2.0288\text{E-}004 * x + 2.2785\text{E-}005$$

$$R = 0.9999$$

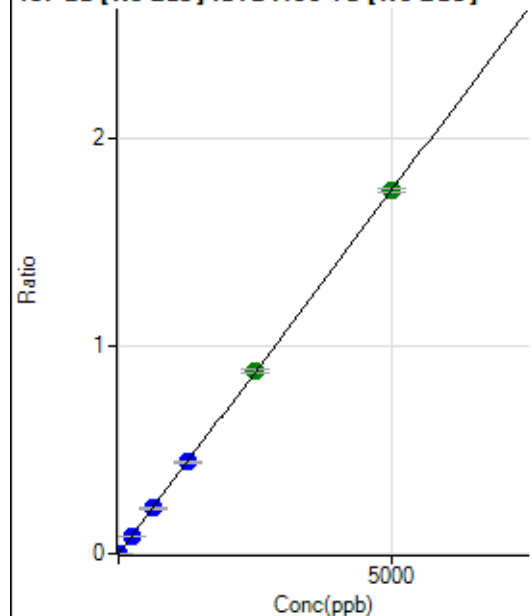
$$DL = 0.04757$$

$$BEC = 0.1123$$

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	305.57	0.0000	P	17.5
2	☐	1.000					
3	☐	10.000	8.920	34758.32	0.0031	P	1.9
4	☐	250.000	246.400	958197.86	0.0863	P	2.0
5	☐	625.000	622.776	2395311.47	0.2180	P	3.8
6	☐	1250.000	1260.167	4730010.52	0.4411	P	1.0
7	☐	2500.000	2510.675	9376526.07	0.8789	A	1.4
8	☐	5000.000	4992.581	18753269.52	1.7476	A	1.1
9	☐			8931.00	0.0009	P	1.5

$$y = 3.5004\text{E-}004 * x + 2.6947\text{E-}005$$

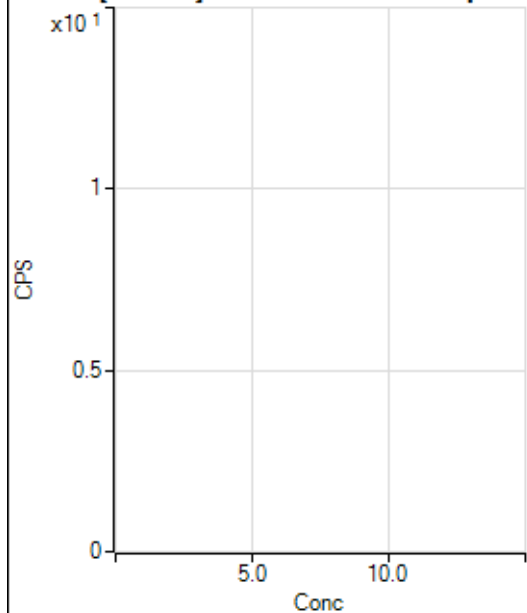
$$R = 1.0000$$

$$DL = 0.04033$$

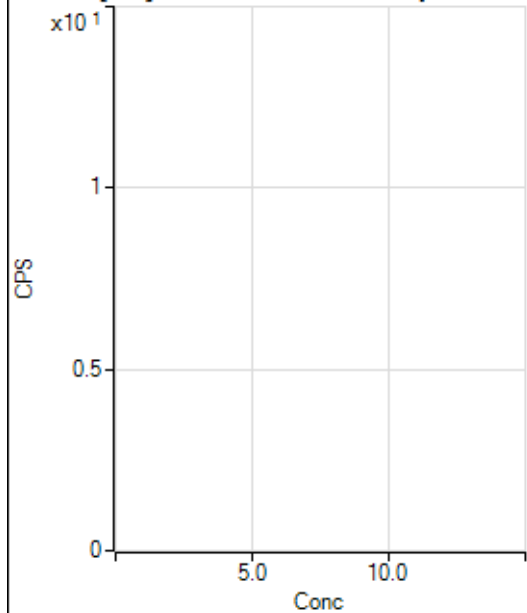
$$BEC = 0.07698$$

Weight: <None>

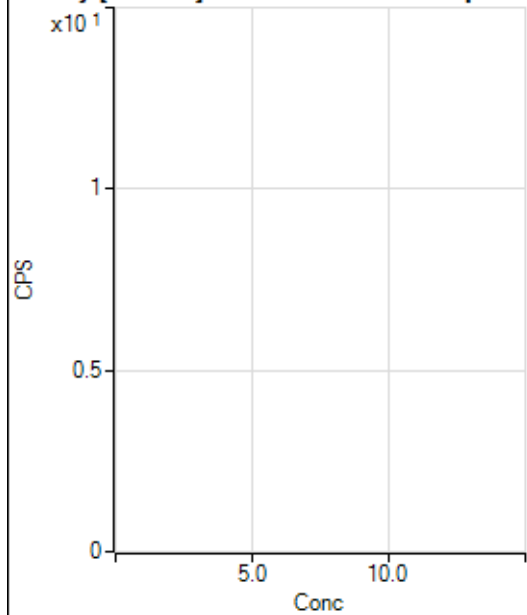
Min Conc: 0

150 Nd [No Gas] No available calibration points

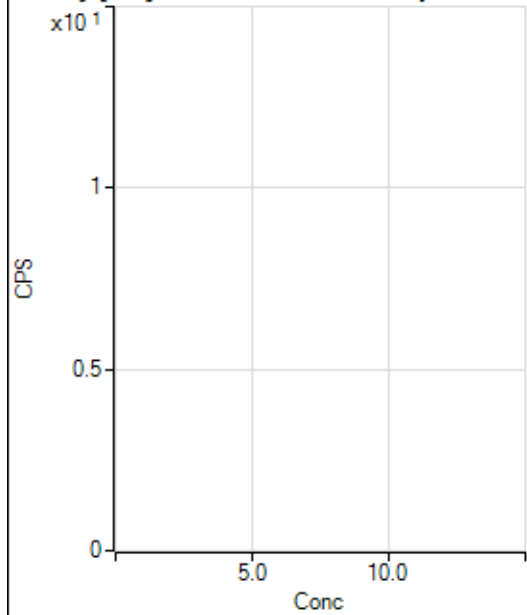
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐						
3	☐			6.67		P	0.0
4	☐			57.78		P	46.6
5	☐			88.89		P	4.3
6	☐			220.01		P	15.7
7	☐			537.81		P	16.9
8	☐			906.73		P	9.0
9	☐			148.90		P	29.8

150 Nd [He] No available calibration points

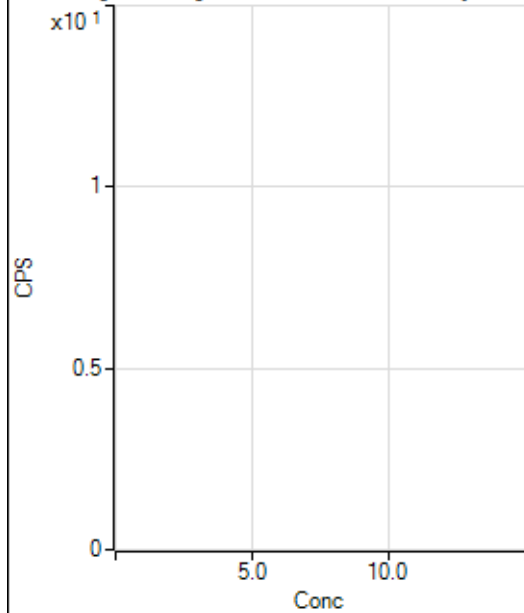
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			15.55		P	44.6
6	☐			30.00		P	40.1
7	☐			70.00		P	17.2
8	☐			88.89		P	15.2
9	☐			45.56		P	18.4

156 Dy [No Gas] No available calibration points

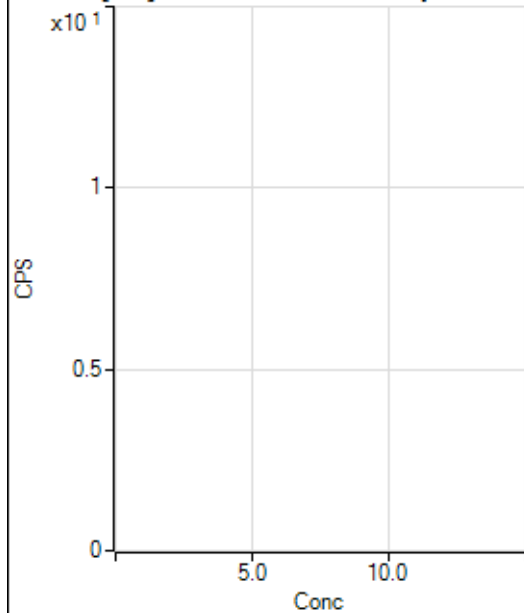
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	90.1
2	☐						
3	☐			36.11		P	35.3
4	☐			25.00		P	33.3
5	☐			50.00		P	16.7
6	☐			72.23		P	63.6
7	☐			172.23		P	21.8
8	☐			211.12		P	16.0
9	☐			213.90		P	23.5

156 Dy [He] No available calibration points

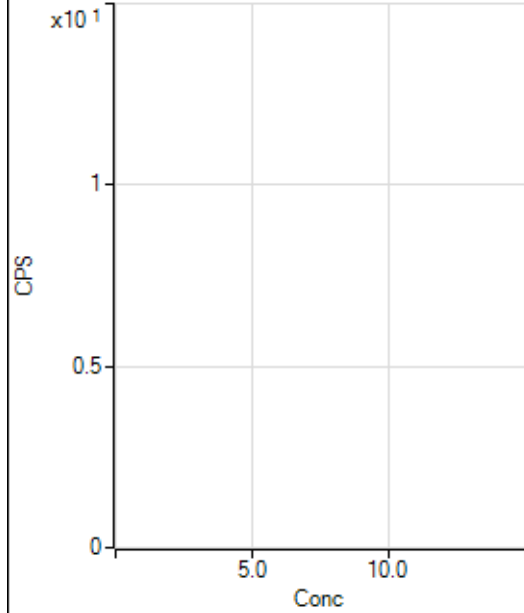
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			4.44		P	173.2
4	☐			12.22		P	41.7
5	☐			13.33		P	66.2
6	☐			31.11		P	6.2
7	☐			63.33		P	31.6
8	☐			84.45		P	18.7
9	☐			61.11		P	35.5

160 Gd [No Gas] Noavailable calibration poin_

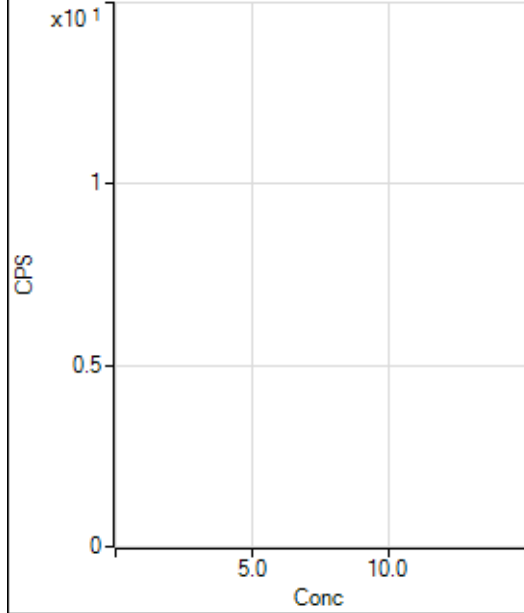
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	36.1
2	☐						
3	☐			105.56		P	29.9
4	☐			69.45		P	61.6
5	☐			86.12		P	14.8
6	☐			111.12		P	42.6
7	☐			113.90		P	8.5
8	☐			138.90		P	13.9
9	☐			175.01		P	NaN

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			106.67		P	3.1
2	☐						
3	☐			94.45		P	23.5
4	☐			90.00		P	22.5
5	☐			67.78		P	15.8
6	☐			111.12		P	14.2
7	☐			114.45		P	11.8
8	☐			125.56		P	13.4
9	☐			106.67		P	6.3

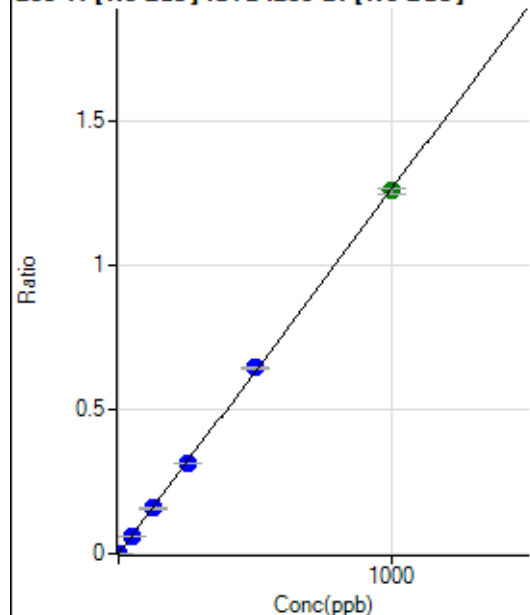
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐						
3	☐			47.22		P	62.0
4	☐			33.33		P	0.0
5	☐			58.34		P	28.6
6	☐			50.00		P	33.3
7	☐			88.89		P	39.0
8	☐			66.67		P	12.5
9	☐			77.78		P	6.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	53.3
2	☐						
3	☐			24.45		P	15.8
4	☐			18.89		P	10.2
5	☐			18.89		P	27.0
6	☐			21.11		P	45.6
7	☐			41.11		P	24.8
8	☐			40.00		P	14.4
9	☐			47.78		P	33.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	536.15	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	0.909	8842.19	0.0012	P	3.0
4	☐	50.000	48.899	448263.29	0.0618	P	1.7
5	☐	125.000	124.010	1113482.08	0.1565	P	4.9
6	☐	250.000	248.070	2183335.42	0.3130	P	1.8
7	☐	500.000	509.890	4416636.60	0.6433	P	0.9
8	☐	1000.000	995.717	8597884.22	1.2562	A	1.5
9	☐			5687.57	0.0009	P	9.1

$$y = 0.0013 * x + 7.1420E-005$$

$$R = 0.9999$$

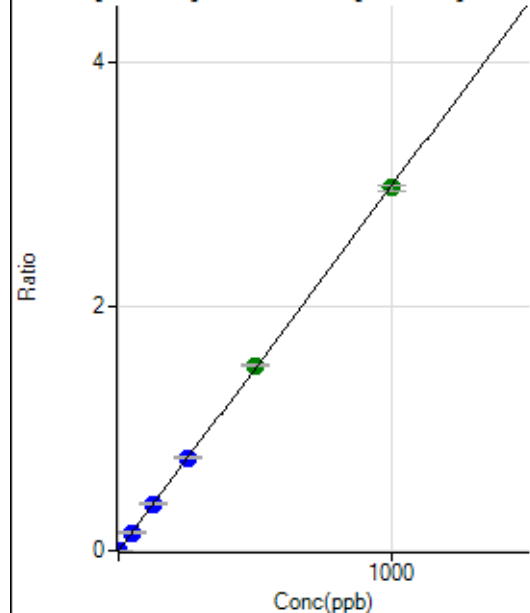
$$DL = 0.02075$$

$$BEC = 0.05662$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1111.21	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.953	21701.90	0.0030	P	3.1
4	☐	50.000	49.886	1080857.07	0.1489	P	1.7
5	☐	125.000	126.943	2694414.10	0.3787	P	4.7
6	☐	250.000	255.229	5310239.31	0.7613	P	1.5
7	☐	500.000	507.815	10397948.24	1.5145	A	0.8
8	☐	1000.000	994.548	20300792.81	2.9659	A	1.4
9	☐			14180.29	0.0023	P	5.1

$$y = 0.0030 * x + 1.4804E-004$$

$$R = 0.9999$$

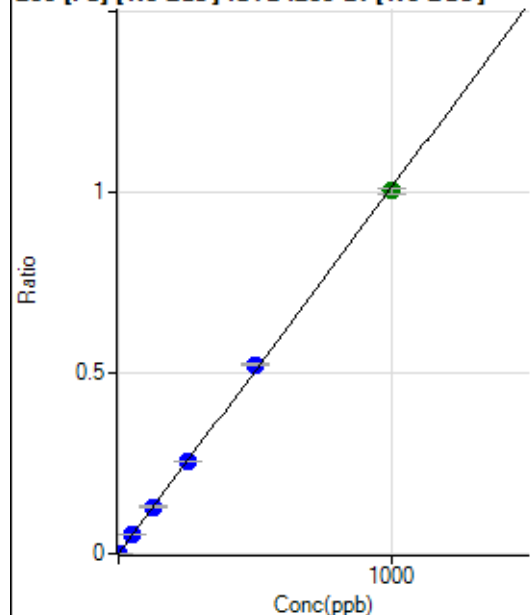
$$DL = 0.005889$$

$$BEC = 0.04965$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1694.61	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	1.152	10109.67	0.0014	P	1.3
4	☐	50.000	50.042	369528.33	0.0509	P	1.0
5	☐	125.000	126.524	913270.80	0.1284	P	4.8
6	☐	250.000	251.952	1781546.06	0.2554	P	1.4
7	☐	500.000	516.949	3596005.32	0.5238	P	1.2
8	☐	1000.000	990.845	6870052.41	1.0037	A	1.4
9	☐			15040.35	0.0024	P	0.6

$$y = 0.0010 * x + 2.2578E-004$$

$$R = 0.9998$$

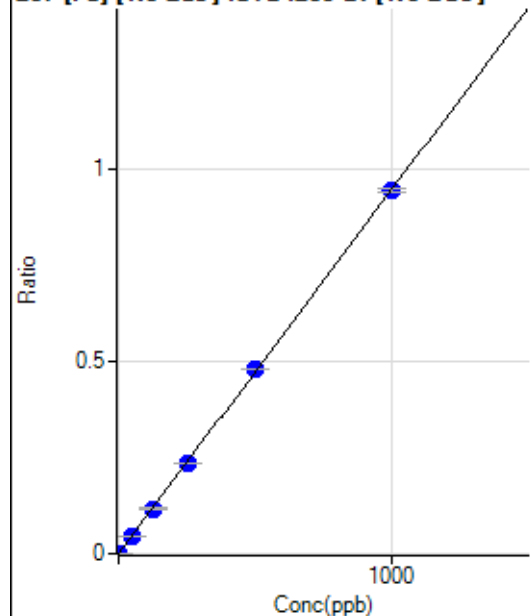
$$DL = 0.0204$$

$$BEC = 0.2229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1439.01	0.0002	P	3.6
2	☐	0.100					
3	☐	1.000	1.194	9577.77	0.0013	P	0.5
4	☐	50.000	48.754	335566.95	0.0462	P	1.3
5	☐	125.000	123.663	832129.34	0.1170	P	4.9
6	☐	250.000	247.793	1633471.81	0.2342	P	1.7
7	☐	500.000	506.984	3288148.19	0.4789	P	0.9
8	☐	1000.000	997.289	6447020.69	0.9419	P	1.2
9	☐			12954.79	0.0021	P	3.6

$$y = 9.4427E-004 * x + 1.9175E-004$$

$$R = 1.0000$$

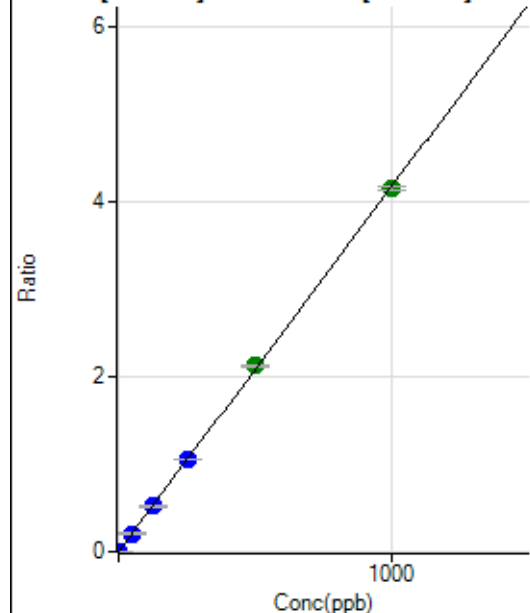
$$DL = 0.02221$$

$$BEC = 0.2031$$

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	6545.29	0.0009	P	0.8
2	☐	0.100					
3	☐	1.000	1.171	41806.35	0.0058	P	0.9
4	☐	50.000	49.580	1507692.05	0.2077	P	1.2
5	☐	125.000	125.827	3740829.68	0.5258	P	4.8
6	☐	250.000	252.338	7349042.06	1.0536	P	1.6
7	☐	500.000	510.291	14621648.25	2.1297	A	0.7
8	☐	1000.000	994.188	28394402.25	4.1483	A	1.0
9	☐			59199.04	0.0095	P	1.4

$$y = 0.0042 * x + 8.7210E-004$$

$$R = 0.9999$$

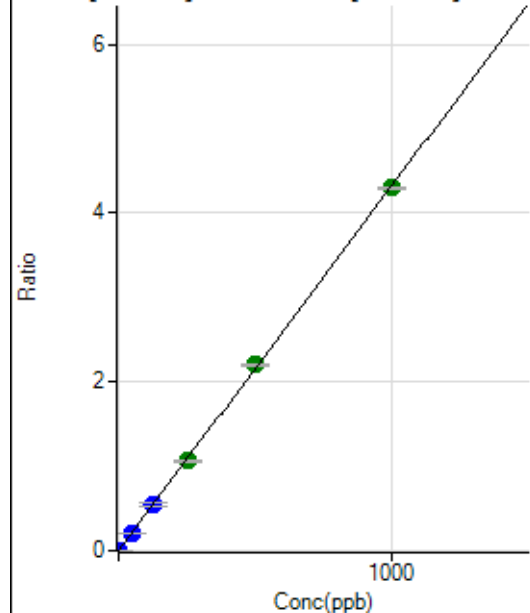
$$DL = 0.005253$$

$$BEC = 0.2091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2194.73	0.0003	P	14.9
2	☐	0.100					
3	☐	1.000	0.879	29679.20	0.0041	P	2.1
4	☐	50.000	49.250	1544946.39	0.2128	P	1.5
5	☐	125.000	126.958	3899191.23	0.5482	P	5.7
6	☐	250.000	246.248	7415101.55	1.0630	A	1.8
7	☐	500.000	510.639	15132438.19	2.2041	A	1.0
8	☐	1000.000	995.411	29407191.63	4.2963	A	0.8
9	☐			7413.57	0.0012	P	1.6

$$y = 0.0043 * x + 2.9241E-004$$

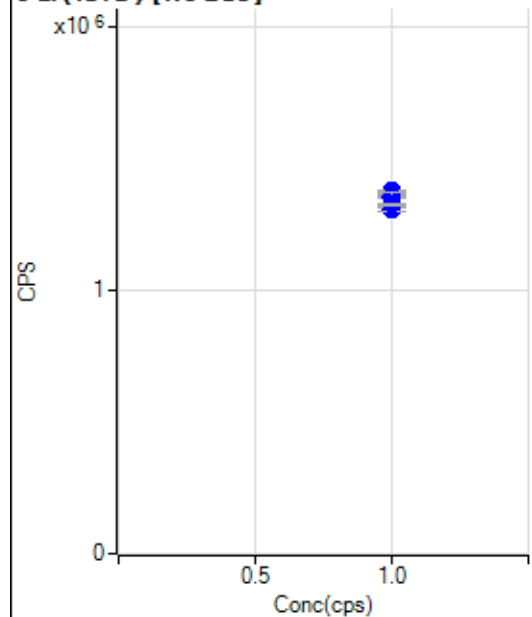
$$R = 0.9999$$

$$DL = 0.03038$$

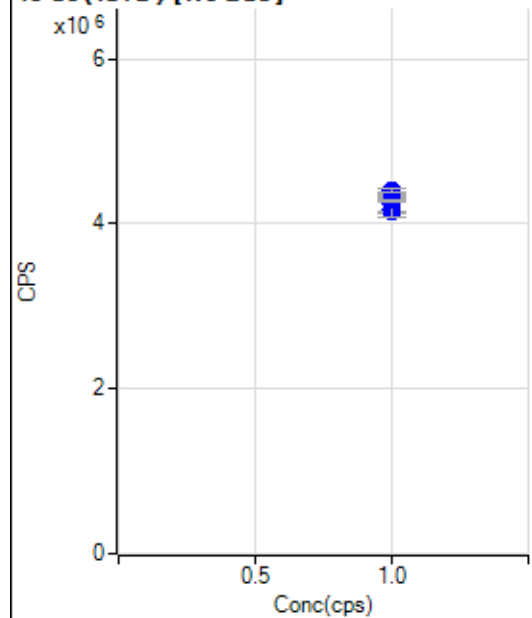
$$BEC = 0.06775$$

Weight: <None>

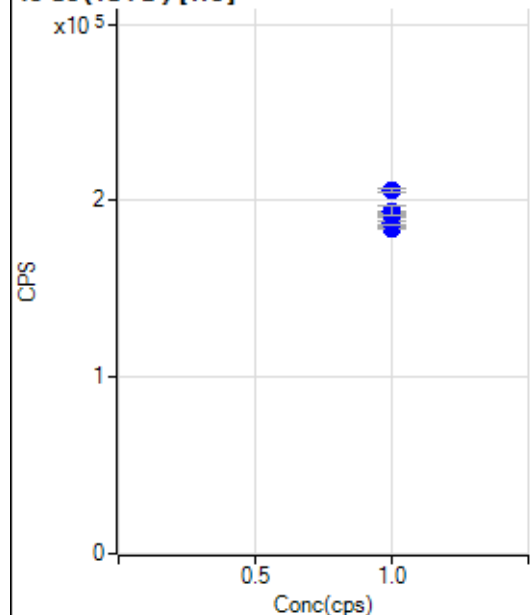
Min Conc: 0

6 Li (ISTD) [No Gas]

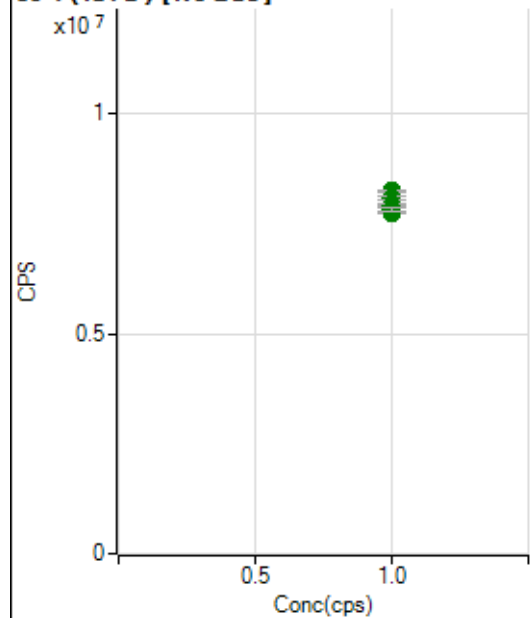
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1379115.66		P	0.3
2	☐	1.000					
3	☐	1.000		1362116.21		P	0.6
4	☐	1.000		1356895.28		P	1.0
5	☐	1.000		1349293.77		P	3.2
6	☐	1.000		1316719.38		P	0.3
7	☐	1.000		1309575.09		P	1.6
8	☐	1.000		1309304.83		P	0.7
9	☐	1.000		1327780.82		P	0.9

45 Sc (ISTD) [No Gas]

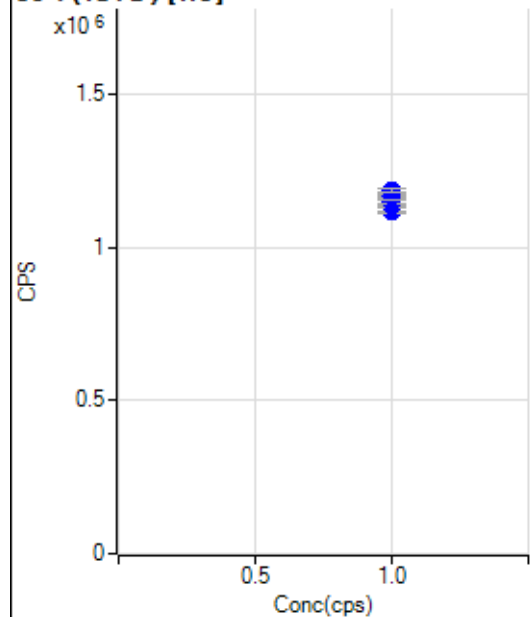
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4371321.89		P	1.0
2	☐	1.000					
3	☐	1.000		4302437.47		P	1.7
4	☐	1.000		4290846.23		P	0.5
5	☐	1.000		4249090.33		P	5.7
6	☐	1.000		4147840.28		P	0.3
7	☐	1.000		4172370.32		P	4.2
8	☐	1.000		4281871.93		P	0.5
9	☐	1.000		4398510.56		P	1.1

45 Sc (ISTD) [He]

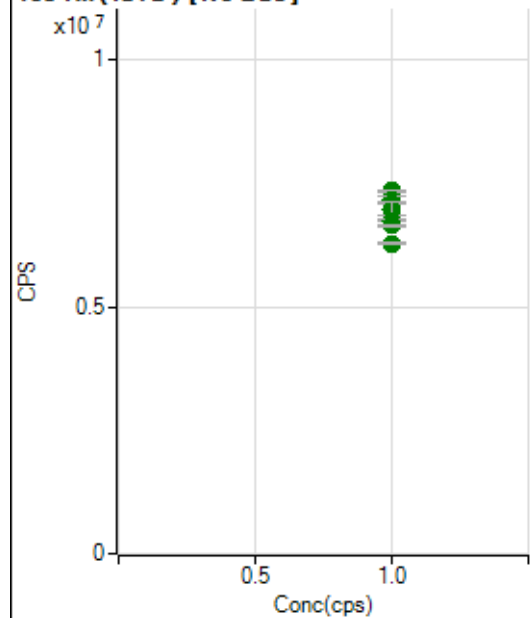
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		184244.18		P	0.7
2	☐	1.000					
3	☐	1.000		188368.70		P	2.2
4	☐	1.000		191775.56		P	0.1
5	☐	1.000		193542.07		P	0.5
6	☐	1.000		187632.13		P	1.0
7	☐	1.000		191414.21		P	0.2
8	☐	1.000		194315.97		P	2.9
9	☐	1.000		205511.97		P	1.1

89 Y (ISTD) [No Gas]

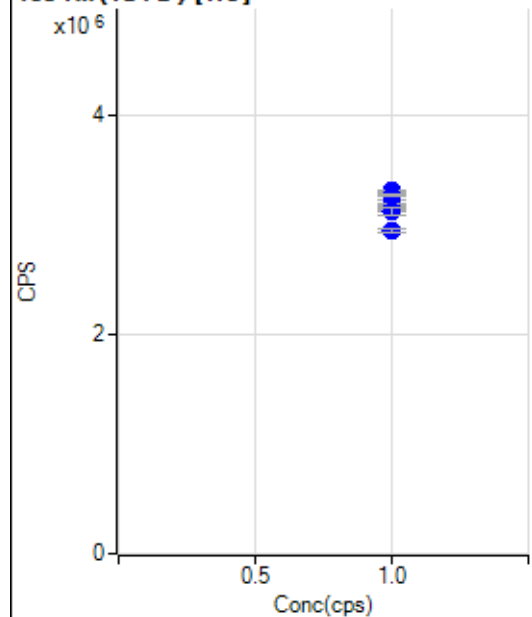
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8248518.70		A	0.6
2	☐	1.000					
3	☐	1.000		8082329.60		A	0.8
4	☐	1.000		7951583.08		A	0.7
5	☐	1.000		7885223.42		A	4.1
6	☐	1.000		7737617.24		A	0.1
7	☐	1.000		7807628.42		A	1.8
8	☐	1.000		7919951.75		A	0.8
9	☐	1.000		7820677.04		A	0.7

89 Y(ISTD) [He]

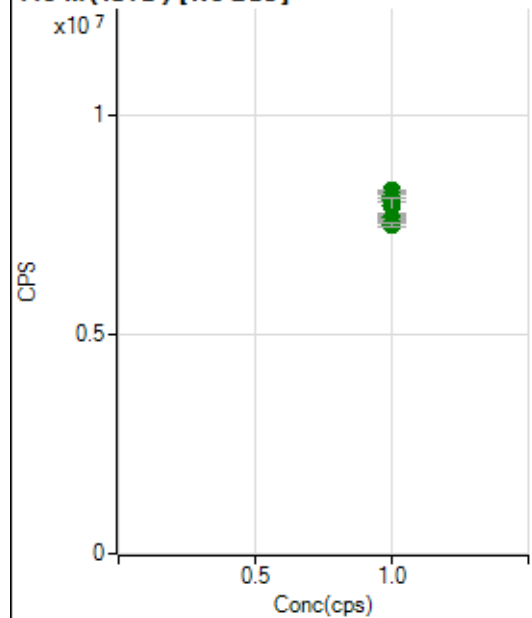
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1117537.70		P	0.6
2	☐	1.000					
3	☐	1.000		1144280.84		P	2.4
4	☐	1.000		1168760.34		P	0.8
5	☐	1.000		1168017.60		P	0.4
6	☐	1.000		1135894.96		P	0.6
7	☐	1.000		1148731.34		P	1.1
8	☐	1.000		1167023.31		P	2.1
9	☐	1.000		1184889.69		P	1.0

103 Rh(ISTD) [No Gas]

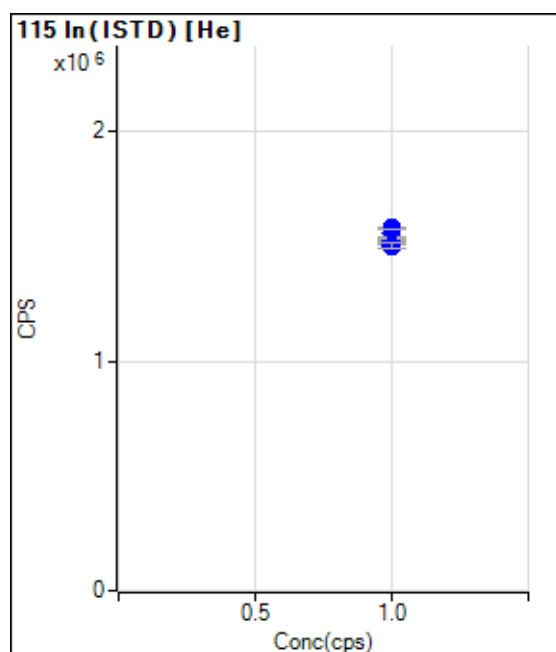
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7351788.97		A	0.5
2	☐	1.000					
3	☐	1.000		7184193.74		A	1.3
4	☐	1.000		7107881.93		A	0.9
5	☐	1.000		6986495.56		A	4.0
6	☐	1.000		6753786.00		A	0.8
7	☐	1.000		6722889.65		A	1.9
8	☐	1.000		6648627.19		A	1.0
9	☐	1.000		6286501.01		A	1.0

103 Rh (ISTD) [He]

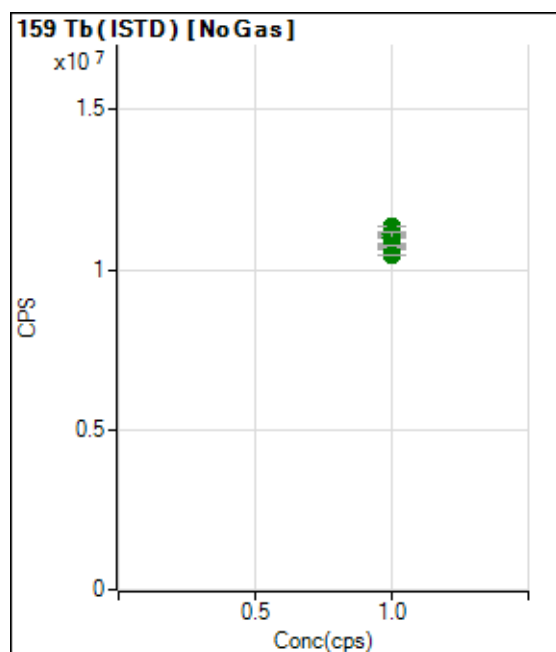
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3180651.65		P	0.2
2	☐	1.000					
3	☐	1.000		3260201.13		P	2.4
4	☐	1.000		3306338.32		P	0.7
5	☐	1.000		3266387.63		P	0.3
6	☐	1.000		3148182.31		P	0.3
7	☐	1.000		3154864.19		P	1.8
8	☐	1.000		3115640.82		P	2.2
9	☐	1.000		2941361.10		P	1.2

115 In (ISTD) [No Gas]

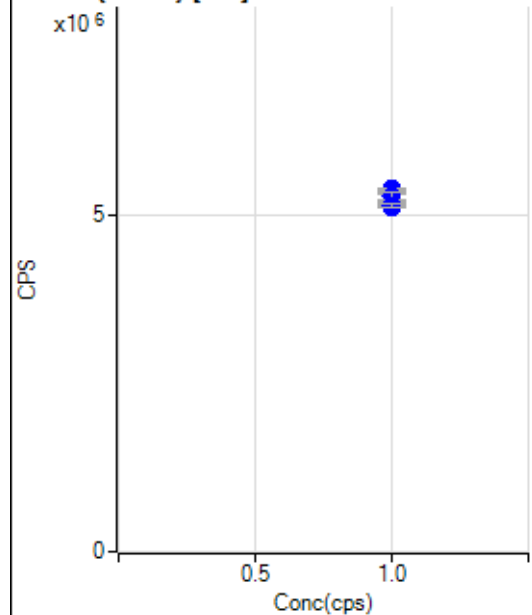
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8291828.07		A	0.2
2	☐	1.000					
3	☐	1.000		8174706.39		A	1.3
4	☐	1.000		8068601.39		A	1.1
5	☐	1.000		7969415.79		A	4.3
6	☐	1.000		7705957.23		A	0.3
7	☐	1.000		7699346.57		A	1.9
8	☐	1.000		7629157.21		A	1.0
9	☐	1.000		7511156.23		A	1.5



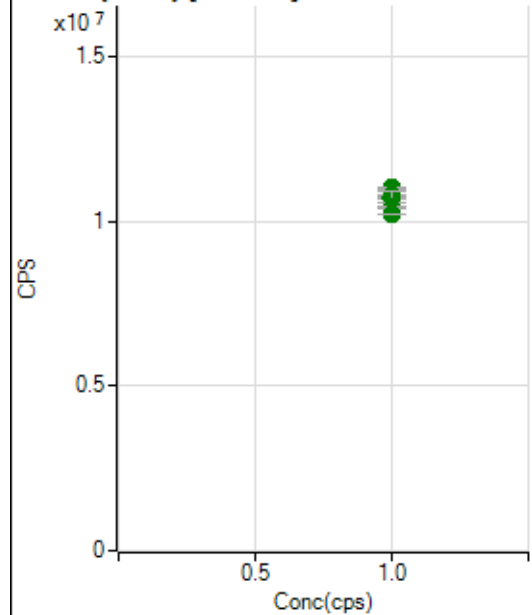
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1516115.85		P	0.6
2	☐	1.000					
3	☐	1.000		1555227.84		P	2.2
4	☐	1.000		1579287.75		P	0.6
5	☐	1.000		1575226.41		P	0.3
6	☐	1.000		1515290.69		P	0.2
7	☐	1.000		1524257.48		P	1.9
8	☐	1.000		1510589.25		P	3.0
9	☐	1.000		1501892.76		P	1.6



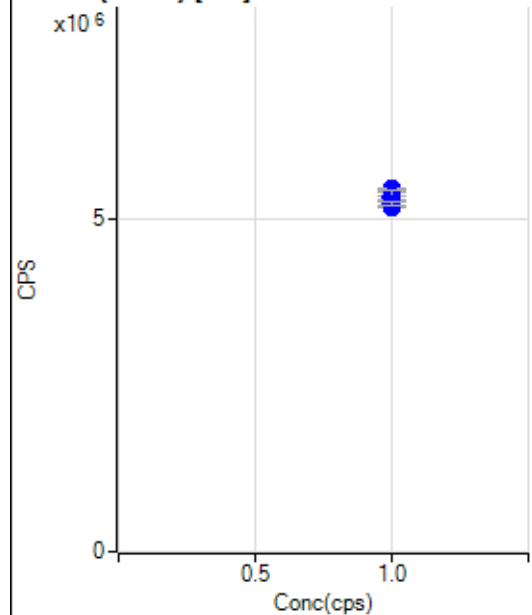
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11338987.33		A	0.1
2	☐	1.000					
3	☐	1.000		11038374.56		A	1.2
4	☐	1.000		11107792.47		A	1.1
5	☐	1.000		10996228.31		A	3.5
6	☐	1.000		10723003.17		A	0.7
7	☐	1.000		10669981.16		A	1.0
8	☐	1.000		10731121.92		A	0.4
9	☐	1.000		10457040.33		A	0.4

159 Tb (ISTD) [He]

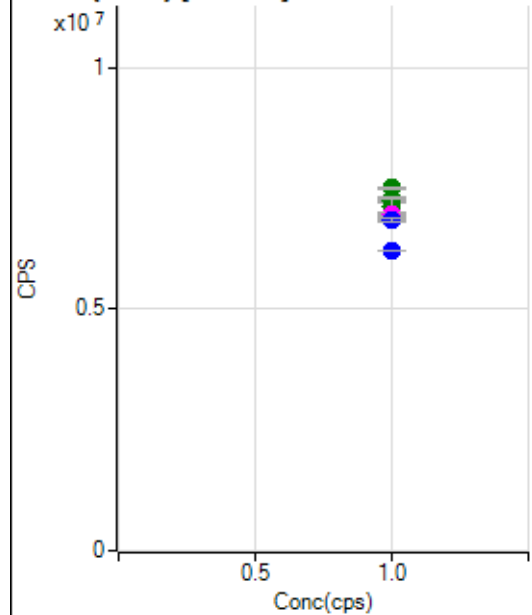
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5114166.11		P	0.5
2	☐	1.000					
3	☐	1.000		5228223.81		P	2.5
4	☐	1.000		5373097.14		P	0.1
5	☐	1.000		5378032.49		P	0.6
6	☐	1.000		5185529.82		P	0.1
7	☐	1.000		5262477.01		P	1.4
8	☐	1.000		5273524.92		P	2.5
9	☐	1.000		5144122.94		P	1.1

165 Ho (ISTD) [No Gas]

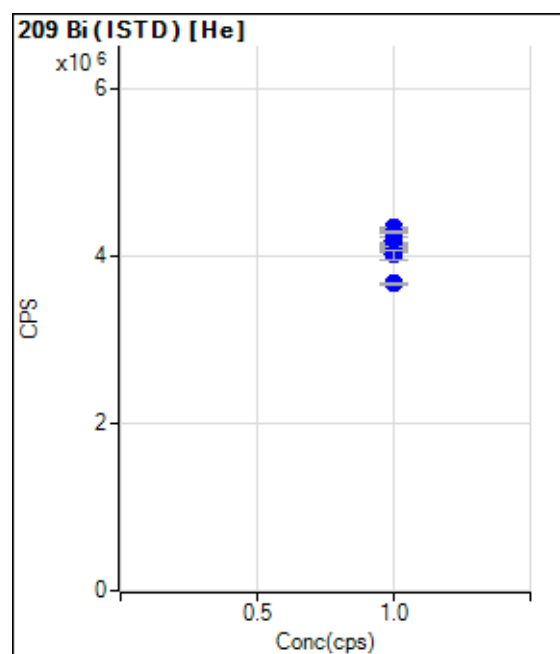
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11029914.92		A	0.2
2	☐	1.000					
3	☐	1.000		10837306.67		A	1.3
4	☐	1.000		10759311.18		A	1.2
5	☐	1.000		10692064.56		A	4.0
6	☐	1.000		10423122.45		A	0.3
7	☐	1.000		10484856.66		A	1.4
8	☐	1.000		10433773.84		A	0.6
9	☐	1.000		10216418.72		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5181108.95		P	0.4
2	☐	1.000					
3	☐	1.000		5314192.67		P	1.8
4	☐	1.000		5456604.78		P	0.3
5	☐	1.000		5441784.85		P	0.6
6	☐	1.000		5290530.30		P	0.1
7	☐	1.000		5353643.53		P	2.2
8	☐	1.000		5356957.46		P	2.7
9	☐	1.000		5234699.89		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7505314.82		A	0.4
2	☐	1.000					
3	☐	1.000		7260710.38		A	1.1
4	☐	1.000		7259572.95		A	1.3
5	☐	1.000		7125495.59		A	4.8
6	☐	1.000		6976386.29		M	1.2
7	☐	1.000		6866011.43		M	0.9
8	☐	1.000		6845190.59		P	1.0
9	☐	1.000		6205750.25		P	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4152553.20		P	0.4
2	☐	1.000					
3	☐	1.000		4197277.16		P	2.3
4	☐	1.000		4344303.90		P	0.4
5	☐	1.000		4292832.33		P	0.7
6	☐	1.000		4104881.64		P	0.1
7	☐	1.000		4082456.71		P	1.8
8	☐	1.000		4021293.17		P	3.0
9	☐	1.000		3681125.02		P	0.6