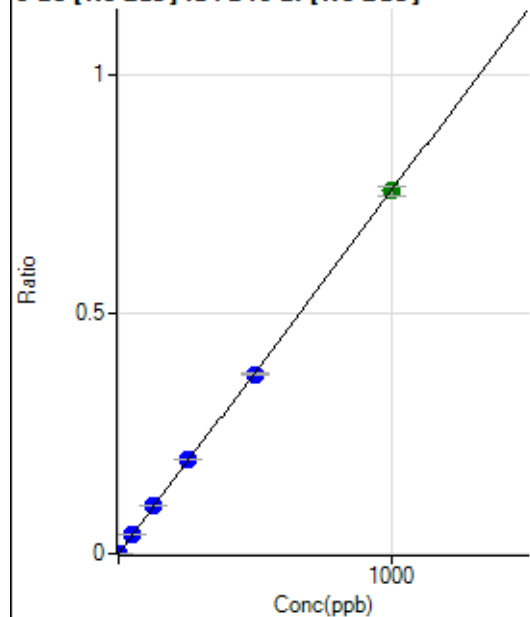


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7011725 MS1.b\
 Analysis File: P7011725 MS1.batch.bin
 DA Date-Time: 2025-02-21 11:21:33
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-17 15:21:50
2	006CALS.d	S02	2025-01-17 15:28:24
3	007CALS.d	S03	2025-01-17 15:31:40
4	008CALS.d	S04	2025-01-17 15:34:43
5	009CALS.d	S05	2025-01-17 15:37:34
6	010CALS.d	S06	2025-01-17 15:40:22
7	011CALS.d	S07	2025-01-17 15:43:06
8	012CALS.d	S08	2025-01-17 15:45:53

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0000	P	3.6
2	☐	1.000	1.190	1457.86	0.0009	P	9.8
3	☐	50.000	54.724	65753.79	0.0415	P	0.9
4	☐	125.000	130.311	160796.24	0.0988	P	0.7
5	☐	250.000	258.922	310336.05	0.1963	P	0.8
6	☐	500.000	495.003	590962.91	0.3753	P	2.0
7	☐	1000.000	999.368	1186712.84	0.7577	A	2.5
8	☐			413.34	0.0003	P	12.

$$y = 7.5815E-004 * x + 2.6235E-005$$

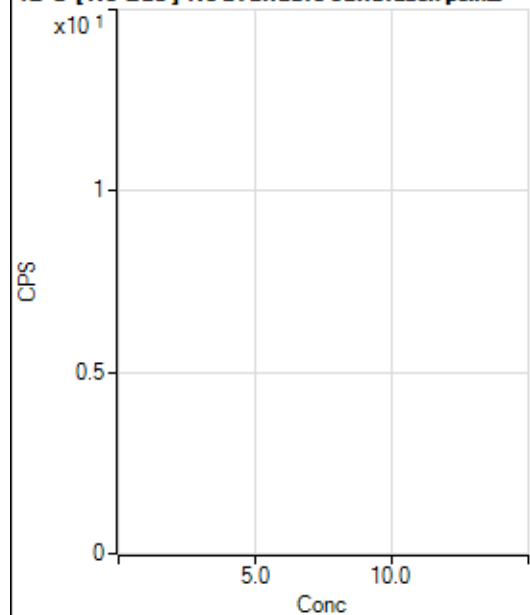
$$R = 0.9999$$

$$DL = 0.003745$$

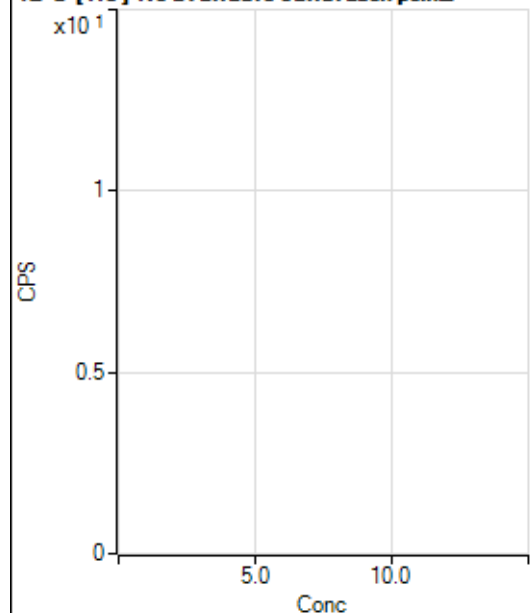
$$BEC = 0.0346$$

Weight: <None>

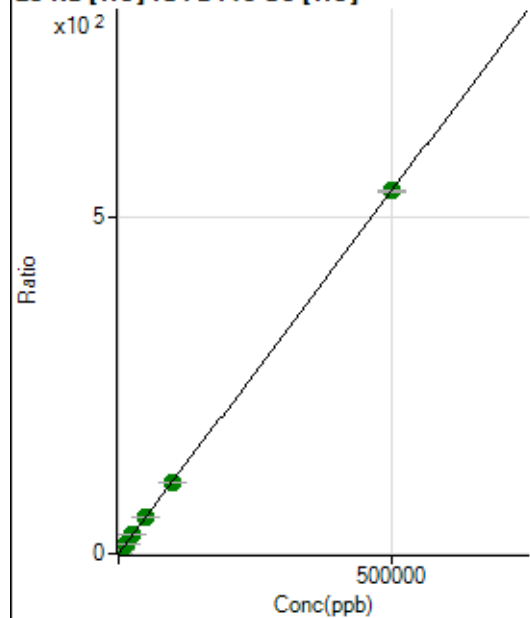
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

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

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21195.77	0.0304	P	1.0
2	☐	500.000	501.951	394349.53	0.5702	P	0.1
3	☐	5000.000	5028.506	3613875.05	5.4385	A	0.7
4	☐	12500.000	12538.674	8456194.25	13.5157	A	0.1
5	☐	25000.000	25476.418	16182551.71	27.4302	A	0.8
6	☐	50000.000	50577.105	31154514.26	54.4258	A	0.5
7	☐	100000.00	99168.111	61073989.65	106.6852	A	0.3
8	☐	500000.00	500083.59	322871248.5	537.8677	A	0.4

$$y = 0.0011 * x + 0.0304$$

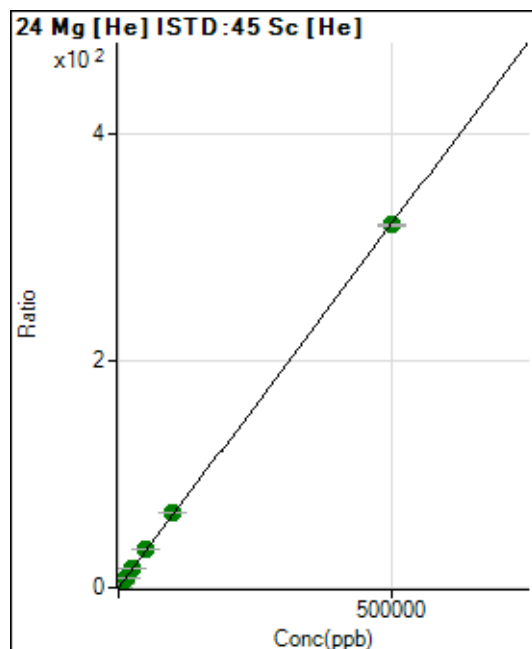
$$R = 1.0000$$

$$DL = 0.8642$$

$$BEC = 28.27$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	757.80	0.0011	P	8.7
2	☐	500.000	541.705	241022.32	0.3485	P	0.6
3	☐	5000.000	5338.833	2276138.51	3.4254	A	0.2
4	☐	12500.000	13215.761	5304081.38	8.4775	A	0.4
5	☐	25000.000	26902.157	10180108.74	17.2558	A	0.6
6	☐	50000.000	53268.810	19557805.68	34.1671	A	0.3
7	☐	100000.00	103961.24	38172460.27	66.6806	A	0.2
8	☐	500000.00	498764.43	192032203.8	319.9028	A	0.5

$$y = 6.4139\text{E-}004 * x + 0.0011$$

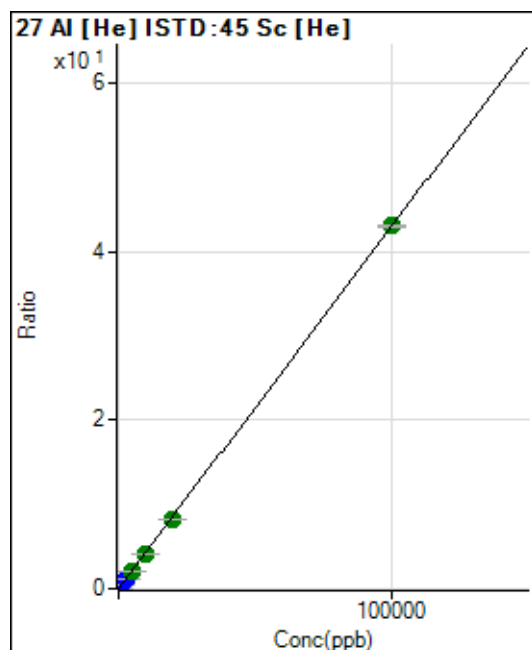
$$R = 1.0000$$

$$DL = 0.4407$$

$$BEC = 1.694$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0002	P	21.
2	☐	20.000	20.278	6156.84	0.0089	P	1.0
3	☐	1000.000	965.026	275473.52	0.4146	P	0.3
4	☐	2500.000	2404.802	646145.35	1.0328	P	0.8
5	☐	5000.000	4874.379	1234792.05	2.0932	A	2.0
6	☐	10000.000	9739.943	2394071.58	4.1824	A	0.5
7	☐	20000.000	19259.871	4734361.21	8.2700	A	0.7
8	☐	100000.00	100183.04	25822301.01	43.0170	A	0.3

$$y = 4.2938\text{E-}004 * x + 1.9600\text{E-}004$$

$$R = 1.0000$$

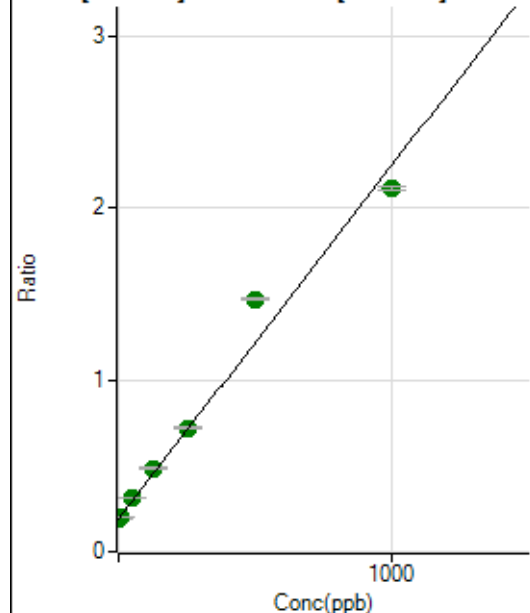
$$DL = 0.295$$

$$BEC = 0.4565$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1193638.17	0.1904	A	0.8
2	☐	10.000	4.706	1244291.42	0.2001	A	1.4
3	☐	50.000	57.481	1890877.53	0.3087	A	0.5
4	☐	125.000	144.062	2841200.30	0.4868	A	0.7
5	☐	250.000	257.705	3942707.89	0.7206	A	1.1
6	☐	500.000	622.049	7642493.36	1.4701	A	0.4
7	☐	1000.000	934.346	10844613.03	2.1125	A	1.1
8	☐			641302.47	0.1216	P	1.1

$$y = 0.0021 * x + 0.1904$$

$$R = 0.9882$$

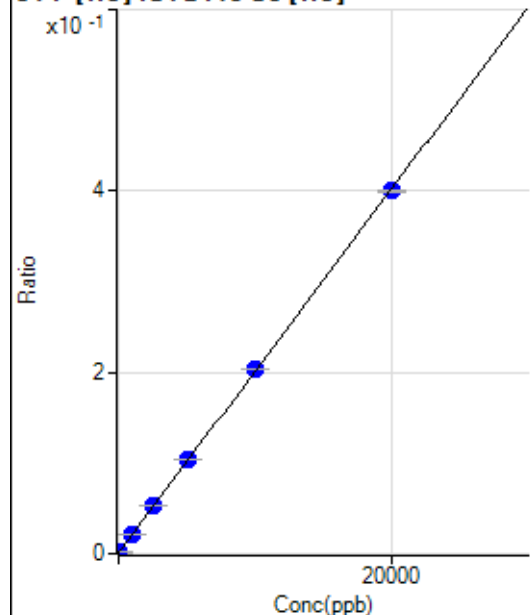
$$DL = 2.268$$

$$BEC = 92.58$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.494	295.56	0.0004	P	7.3
2	☐	0.000	18.494	806.70	0.0012	P	1.5
3	☐	1000.000	1037.346	14366.83	0.0216	P	1.5
4	☐	2500.000	2604.821	33216.07	0.0531	P	0.6
5	☐	5000.000	5136.725	61306.59	0.1039	P	1.1
6	☐	10000.000	10099.155	116512.37	0.2035	P	0.5
7	☐	20000.000	19901.272	229176.73	0.4003	P	0.4
8	☐			514.46	0.0009	P	8.5

$$y = 2.0076E-005 * x + 7.9523E-004$$

$$R = 0.9999$$

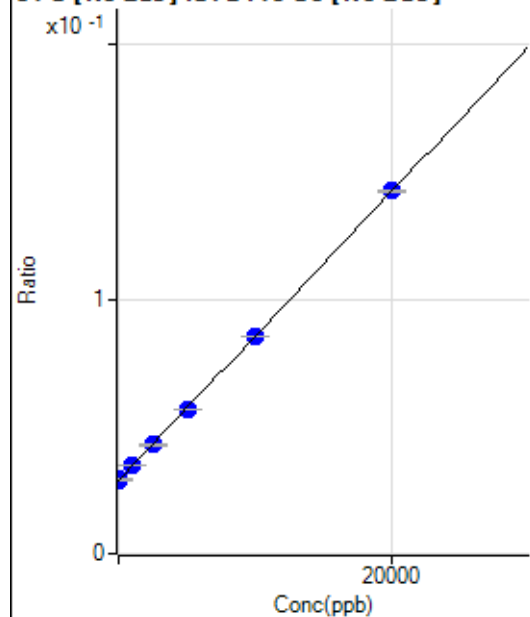
$$DL = 3.649$$

$$BEC = 39.61$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-64.912	178063.26	0.0284	P	0.3
2	☐	0.000	64.912	181217.15	0.0291	P	0.9
3	☐	1000.000	1023.821	211882.26	0.0346	P	0.7
4	☐	2500.000	2472.173	249873.33	0.0428	P	0.8
5	☐	5000.000	4891.895	309394.45	0.0565	P	0.9
6	☐	10000.000	9992.764	444494.88	0.0855	P	0.4
7	☐	20000.000	20032.932	731499.15	0.1425	P	0.8
8	☐			137973.14	0.0262	P	3.0

$$y = 5.6764\text{E-}006 * x + 0.0288$$

R = 1.0000

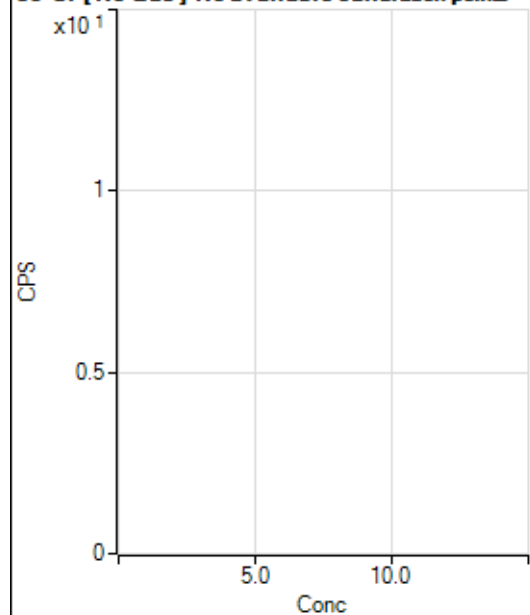
DL = 92.05

BEC = 5070

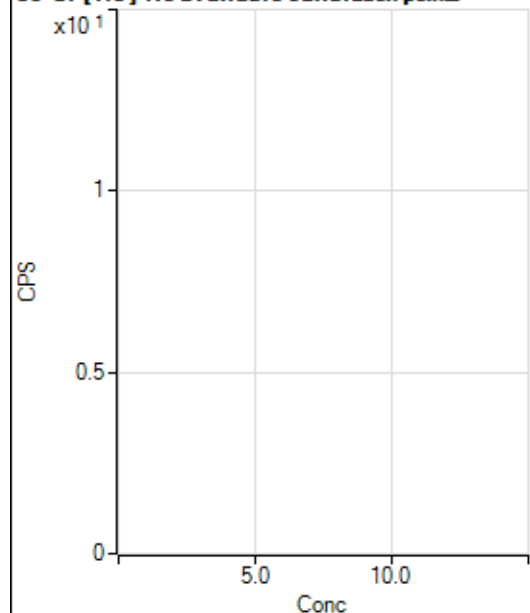
Weight: <None>

Min Conc: 0

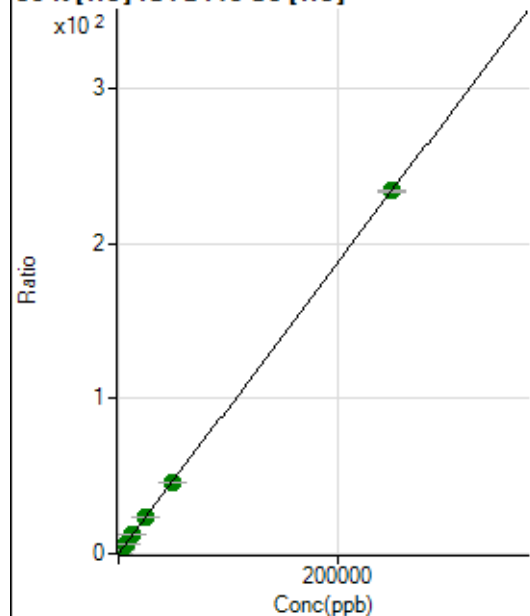
35 Cl [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

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

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71412.00	0.1024	P	0.6
2	☐	500.000	539.220	419084.94	0.6060	P	0.5
3	☐	2500.000	2540.280	1644533.74	2.4749	A	0.7
4	☐	6250.000	6309.851	3750996.19	5.9954	A	0.4
5	☐	12500.000	12596.926	7000925.24	11.8670	A	0.3
6	☐	25000.000	24788.089	13310426.33	23.2527	A	0.0
7	☐	50000.000	49194.609	26360248.49	46.0467	A	0.2
8	☐	250000.00	250175.44	140314514.5	233.7484	A	0.4

$$y = 9.3393\text{E-}004 * x + 0.1024$$

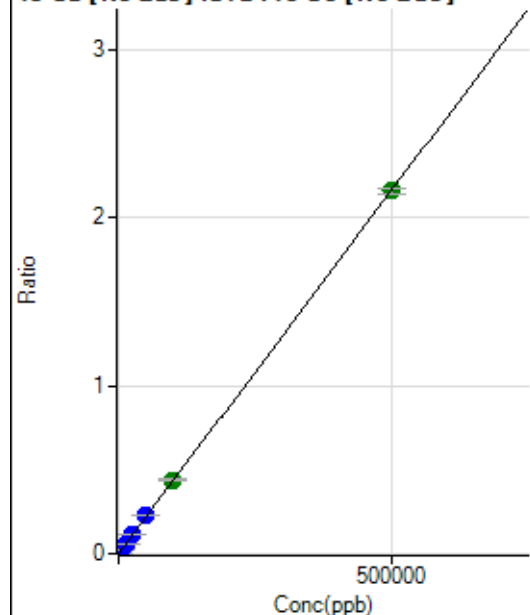
$$R = 1.0000$$

$$DL = 1.907$$

$$BEC = 109.7$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	291.12	0.0000	P	16.
2	☐	500.000	549.788	15087.58	0.0024	P	3.4
3	☐	5000.000	5228.508	138943.68	0.0227	P	0.6
4	☐	12500.000	13102.743	331330.10	0.0568	P	0.5
5	☐	25000.000	26118.989	618912.17	0.1131	P	1.6
6	☐	50000.000	52132.053	1173536.32	0.2257	P	0.9
7	☐	100000.00	101481.49	2255588.33	0.4394	A	1.2
8	☐	500000.00	499417.14	11398252.89	2.1621	A	1.4

$$y = 4.3292\text{E-}006 * x + 4.6458\text{E-}005$$

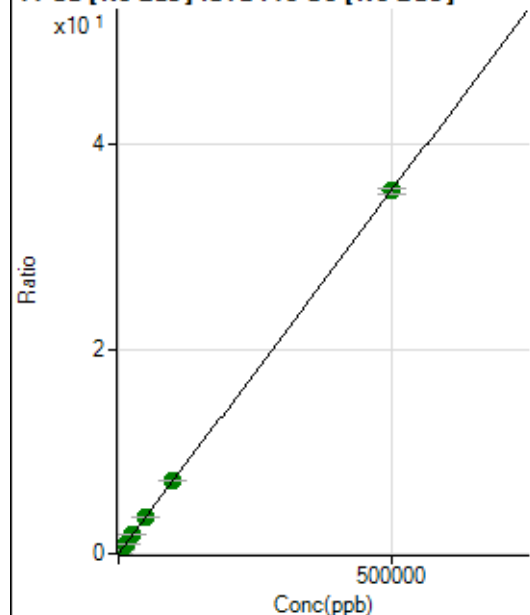
$$R = 1.0000$$

$$DL = 5.262$$

$$BEC = 10.73$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8252.46	0.0013	P	0.7
2	☐	500.000	547.196	249621.26	0.0401	P	0.3
3	☐	5000.000	5131.917	2238698.79	0.3655	A	1.4
4	☐	12500.000	12825.246	5318905.58	0.9114	A	0.9
5	☐	25000.000	25461.371	9892732.29	1.8081	A	1.2
6	☐	50000.000	51063.381	18844096.67	3.6248	A	0.8
7	☐	100000.00	100612.88	36659029.73	7.1408	A	0.4
8	☐	500000.00	499738.51	186952661.6	35.4628	A	1.3

$$y = 7.0960\text{E-}005 * x + 0.0013$$

$$R = 1.0000$$

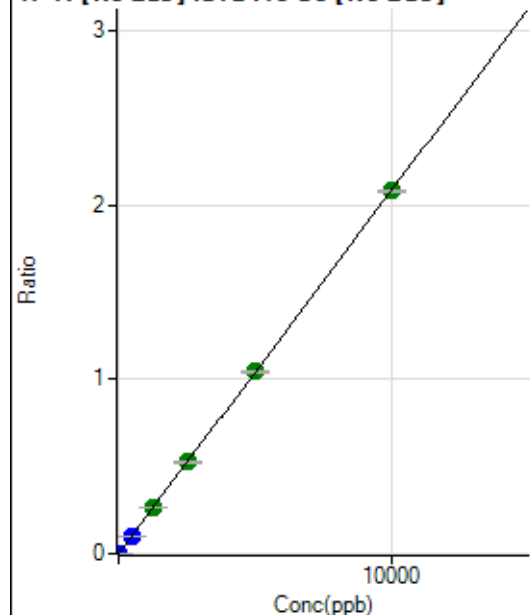
$$DL = 0.3648$$

$$BEC = 18.55$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0000	P	9.6
2	☐	5.000	5.108	6701.53	0.0011	P	3.6
3	☐	500.000	493.846	629880.93	0.1028	P	0.7
4	☐	1250.000	1261.107	1532334.70	0.2626	A	0.8
5	☐	2500.000	2521.908	2872878.39	0.5250	A	0.7
6	☐	5000.000	5010.867	5423434.71	1.0432	A	0.8
7	☐	10000.000	9988.009	10675124.91	2.0794	A	0.5
8	☐			2692.49	0.0005	P	9.4

$$y = 2.0819E-004 * x + 1.4356E-005$$

$$R = 1.0000$$

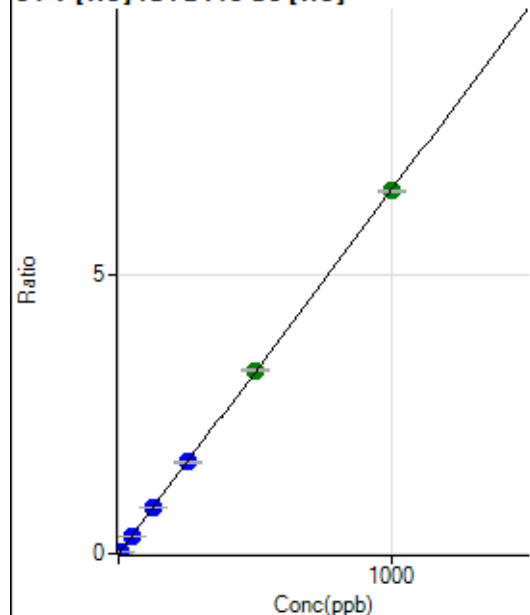
$$DL = 0.0198$$

$$BEC = 0.06896$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.
2	☐	5.000	5.095	23061.01	0.0333	P	1.1
3	☐	50.000	50.067	217642.64	0.3275	P	0.2
4	☐	125.000	125.468	513515.35	0.8208	P	0.2
5	☐	250.000	251.462	970422.16	1.6450	P	0.4
6	☐	500.000	503.720	1886248.43	3.2951	A	0.7
7	☐	1000.000	997.712	3736279.53	6.5265	A	0.6
8	☐			1081.16	0.0018	P	6.9

$$y = 0.0065 * x + 1.7556E-005$$

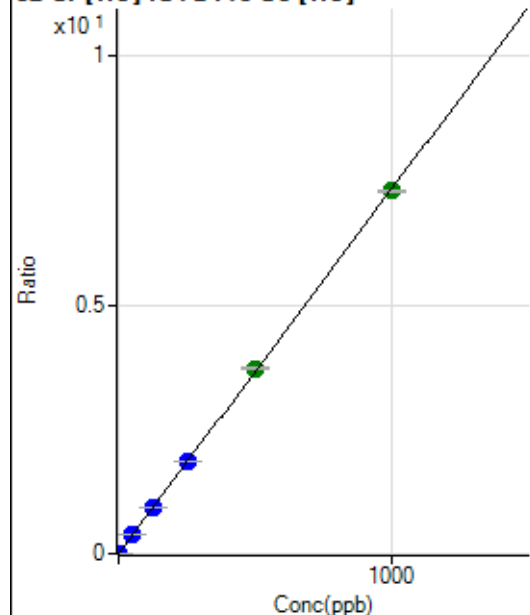
$$R = 1.0000$$

$$DL = 0.003372$$

$$BEC = 0.002684$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	715.58	0.0010	P	7.8
2	☐	2.000	2.046	11080.82	0.0160	P	0.6
3	☐	50.000	50.328	245753.93	0.3698	P	0.1
4	☐	125.000	125.846	577621.47	0.9232	P	0.3
5	☐	250.000	251.985	1089936.01	1.8476	P	1.0
6	☐	500.000	507.508	2129403.07	3.7201	A	0.9
7	☐	1000.000	995.628	4177288.72	7.2970	A	0.6
8	☐			9811.98	0.0163	P	1.0

$$y = 0.0073 * x + 0.0010$$

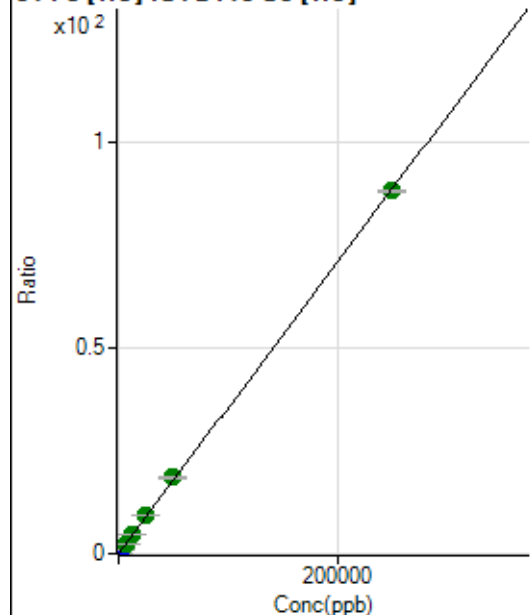
$$R = 1.0000$$

$$DL = 0.0329$$

$$BEC = 0.1401$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2819.18	0.0040	P	3.8
2	☐	50.000	58.055	17019.70	0.0246	P	1.2
3	☐	2500.000	2728.429	645040.69	0.9707	P	0.4
4	☐	6250.000	6685.505	1484512.16	2.3726	A	0.6
5	☐	12500.000	13493.191	2822574.33	4.7845	A	0.5
6	☐	25000.000	26644.771	5405863.39	9.4440	A	0.4
7	☐	50000.000	52240.987	10597776.30	18.5125	A	0.3
8	☐	250000.00	249324.49	53027026.43	88.3372	A	0.3

$$y = 3.5429E-004 * x + 0.0040$$

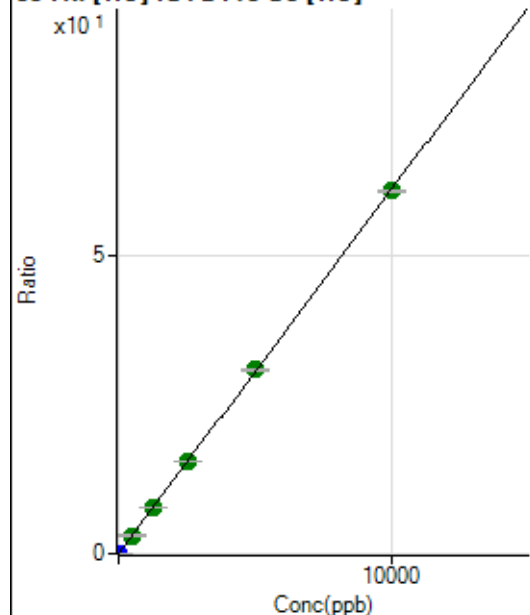
$$R = 0.9999$$

$$DL = 1.316$$

$$BEC = 11.41$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	146.67	0.0002	P	18.
2	☐	1.000	1.034	4524.06	0.0065	P	1.8
3	☐	500.000	499.925	2033585.07	3.0603	A	0.9
4	☐	1250.000	1256.921	4813831.84	7.6939	A	0.3
5	☐	2500.000	2538.908	9168079.52	15.5411	A	1.1
6	☐	5000.000	5059.566	17727690.71	30.9703	A	0.9
7	☐	10000.000	9959.629	34899663.65	60.9640	A	0.8
8	☐			19051.09	0.0317	P	2.3

$$y = 0.0061 * x + 2.1015E-004$$

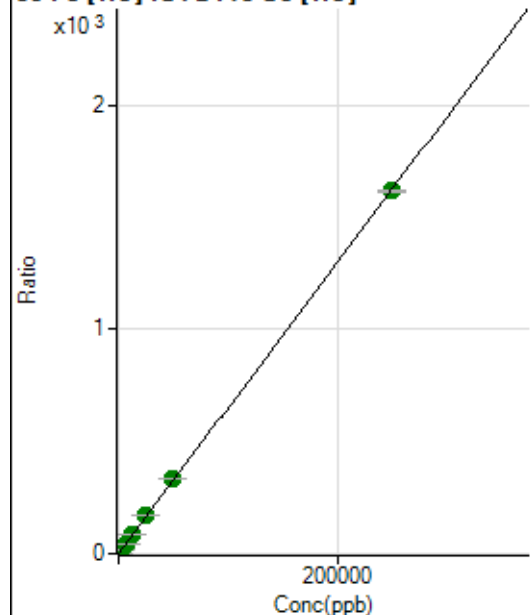
$$R = 1.0000$$

$$DL = 0.01919$$

$$BEC = 0.03433$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19629.58	0.0282	P	1.2
2	☐	50.000	55.972	270427.51	0.3911	P	0.5
3	☐	2500.000	2622.714	11318429.00	17.0327	A	0.9
4	☐	6250.000	6571.715	26675286.55	42.6363	A	0.6
5	☐	12500.000	13247.903	50687800.36	85.9218	A	1.1
6	☐	25000.000	26362.474	97856202.99	170.9510	A	0.5
7	☐	50000.000	51658.580	191750592.7	334.9600	A	1.1
8	☐	250000.00	249485.37	971004892.2	1,617.583	A	0.3

$$y = 0.0065 * x + 0.0282$$

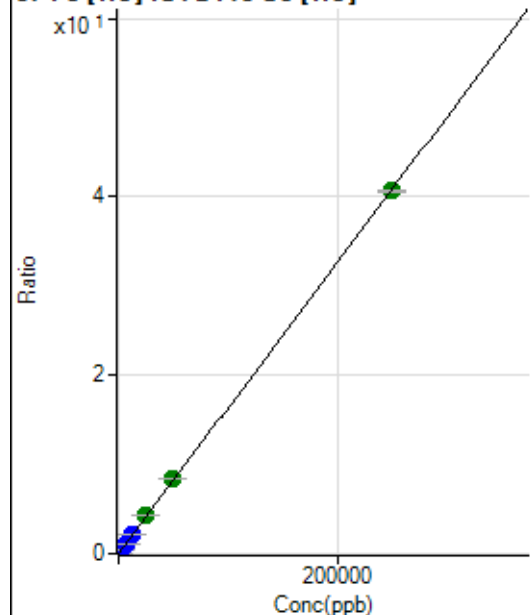
$$R = 1.0000$$

$$DL = 0.1578$$

$$BEC = 4.342$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1534.54	0.0022	P	4.5
2	☐	50.000	59.753	8254.56	0.0119	P	1.6
3	☐	2500.000	2676.504	291216.95	0.4383	P	0.6
4	☐	6250.000	6705.778	684899.37	1.0947	P	0.2
5	☐	12500.000	13502.309	1299001.26	2.2020	P	1.0
6	☐	25000.000	26378.664	2461280.74	4.2998	A	0.6
7	☐	50000.000	51375.673	4792830.73	8.3722	A	0.1
8	☐	250000.00	249523.72	24403804.64	40.6541	A	0.5

$$y = 1.6292\text{E-}004 * x + 0.0022$$

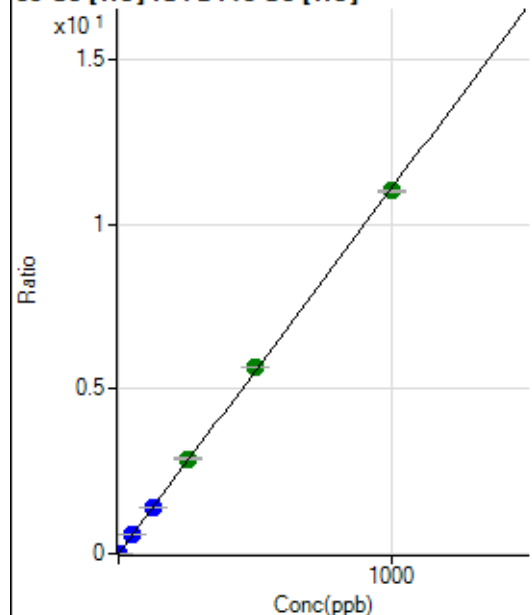
$$R = 1.0000$$

$$DL = 1.832$$

$$BEC = 13.51$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.22	0.0001	P	9.8
2	☐	1.000	1.076	8349.05	0.0121	P	1.3
3	☐	50.000	51.108	376598.57	0.5667	P	0.2
4	☐	125.000	126.956	880664.53	1.4076	P	0.5
5	☐	250.000	258.884	1693157.32	2.8702	A	1.8
6	☐	500.000	508.572	3227471.38	5.6382	A	0.2
7	☐	1000.000	993.193	6303306.23	11.0108	A	0.4
8	☐			18136.58	0.0302	P	0.7

$$y = 0.0111 * x + 1.4655\text{E-}004$$

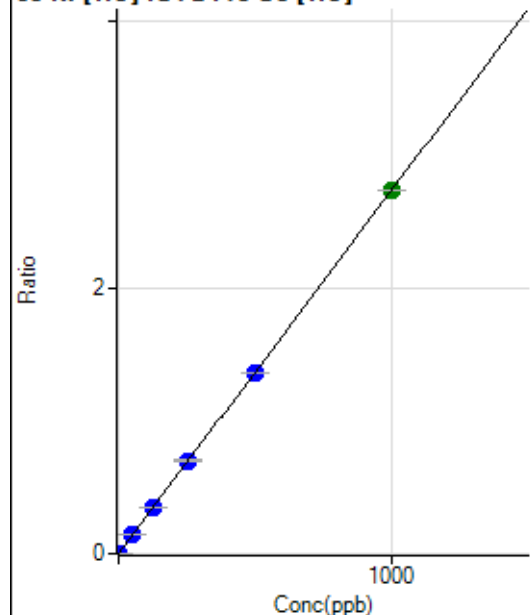
$$R = 0.9999$$

$$DL = 0.003904$$

$$BEC = 0.01322$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	228.89	0.0003	P	19.
2	☐	1.000	1.069	2244.64	0.0032	P	5.8
3	☐	50.000	51.873	94326.13	0.1419	P	0.9
4	☐	125.000	128.680	220002.22	0.3516	P	0.3
5	☐	250.000	256.389	413120.26	0.7003	P	0.4
6	☐	500.000	498.133	778632.10	1.3602	P	0.2
7	☐	1000.000	998.783	1561150.72	2.7270	A	0.2
8	☐			7958.84	0.0133	P	1.3

$$y = 0.0027 * x + 3.2833E-004$$

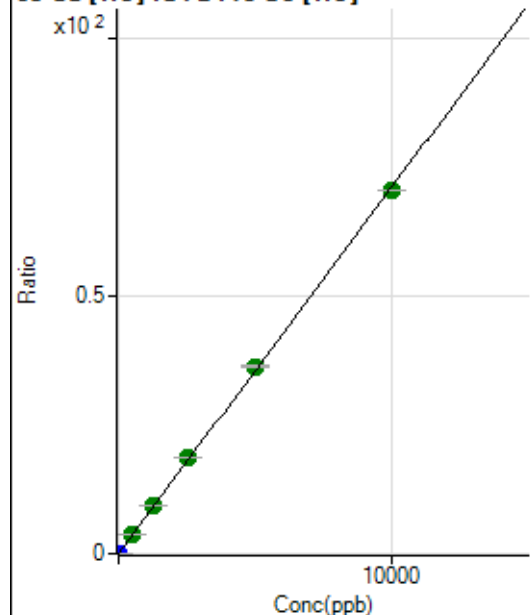
$$R = 1.0000$$

$$DL = 0.07155$$

$$BEC = 0.1203$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1566.77	0.0022	P	4.9
2	☐	2.000	2.188	12300.70	0.0178	P	2.7
3	☐	500.000	520.239	2457398.02	3.6981	A	0.3
4	☐	1250.000	1303.607	5795408.18	9.2634	A	1.1
5	☐	2500.000	2611.858	10947568.45	18.5575	A	0.8
6	☐	5000.000	5111.552	20787523.02	36.3159	A	0.5
7	☐	10000.000	9908.546	40298946.34	70.3948	A	0.2
8	☐			12800.00	0.0213	P	3.1

$$y = 0.0071 * x + 0.0022$$

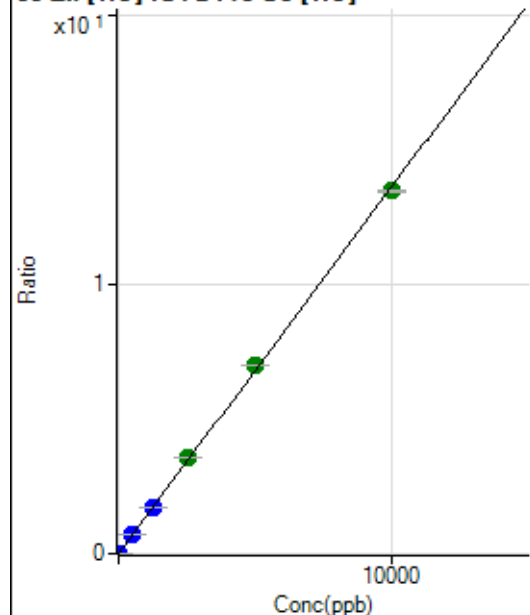
$$R = 0.9998$$

$$DL = 0.0461$$

$$BEC = 0.3163$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	254.45	0.0004	P	8.4
2	☐	5.000	5.164	5119.81	0.0074	P	2.3
3	☐	500.000	509.462	461716.88	0.6948	P	0.3
4	☐	1250.000	1275.351	1087906.86	1.7388	P	0.3
5	☐	2500.000	2621.917	2108666.46	3.5744	A	0.3
6	☐	5000.000	5137.088	4008468.86	7.0029	A	0.7
7	☐	10000.000	9897.335	7723500.51	13.4917	A	0.8
8	☐			12122.77	0.0202	P	2.6

$$y = 0.0014 * x + 3.6496E-004$$

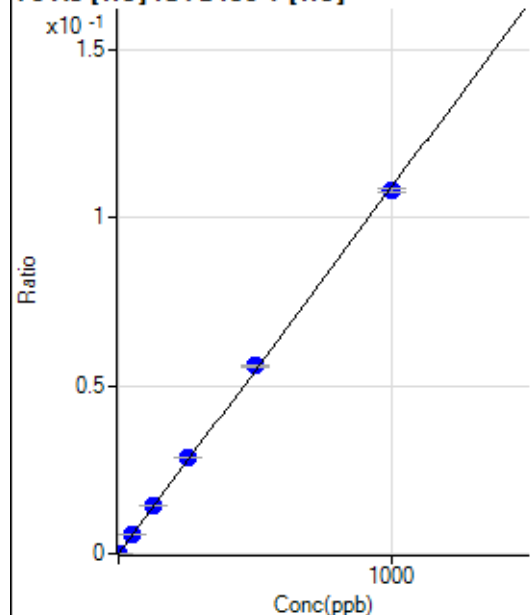
$$R = 0.9998$$

$$DL = 0.06755$$

$$BEC = 0.2677$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	69.
2	☐	1.000	1.160	762.25	0.0001	P	5.9
3	☐	50.000	53.499	33710.46	0.0058	P	0.8
4	☐	125.000	131.183	79497.87	0.0143	P	0.9
5	☐	250.000	261.737	152246.78	0.0286	P	0.4
6	☐	500.000	512.528	291617.28	0.0560	P	0.8
7	☐	1000.000	989.854	573160.18	0.1081	P	1.2
8	☐			381.12	0.0001	P	8.9

$$y = 1.0916E-004 * x + 1.8410E-006$$

$$R = 0.9998$$

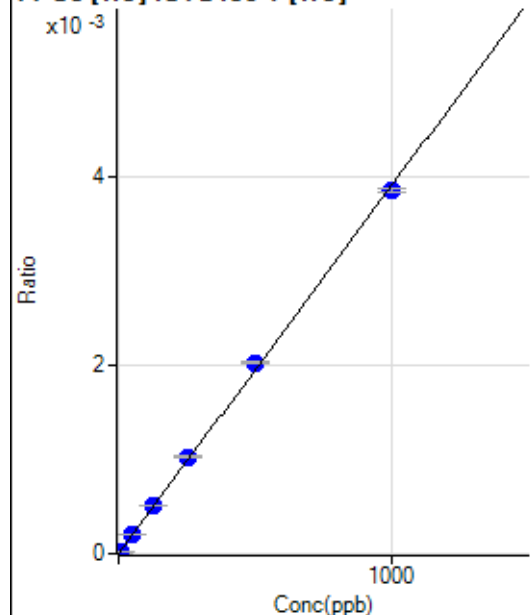
$$DL = 0.03497$$

$$BEC = 0.01686$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.
2	☐	5.000	5.913	138.89	0.0000	P	12.
3	☐	50.000	52.832	1190.06	0.0002	P	2.7
4	☐	125.000	131.196	2840.30	0.0005	P	1.8
5	☐	250.000	263.684	5477.72	0.0010	P	2.3
6	☐	500.000	518.861	10542.73	0.0020	P	1.3
7	☐	1000.000	986.228	20391.88	0.0038	P	1.2
8	☐			12.22	0.0000	P	41.

$$y = 3.8975\text{E-}006 * x + 3.6832\text{E-}007$$

$$R = 0.9996$$

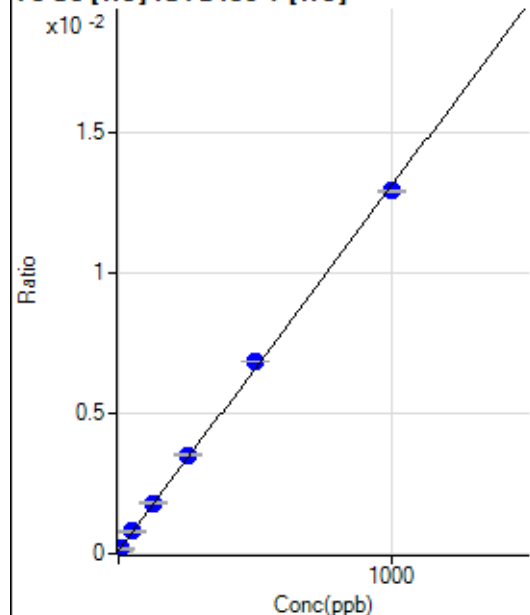
$$DL = 0.2455$$

$$BEC = 0.0945$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	623.35	0.0001	P	5.5
2	☐	5.000	5.321	1023.38	0.0002	P	2.6
3	☐	50.000	53.542	4609.65	0.0008	P	4.3
4	☐	125.000	131.426	10051.26	0.0018	P	2.3
5	☐	250.000	263.196	18767.52	0.0035	P	0.6
6	☐	500.000	518.377	35636.17	0.0068	P	0.6
7	☐	1000.000	986.531	68527.44	0.0129	P	0.5
8	☐			558.90	0.0001	P	12.

$$y = 1.2990\text{E-}005 * x + 1.0334\text{E-}004$$

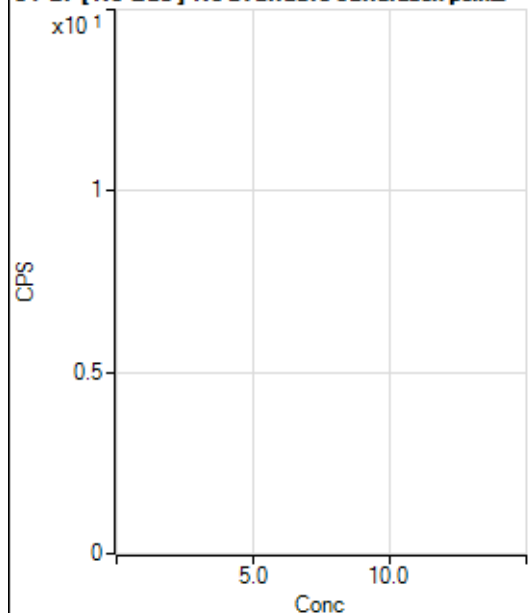
$$R = 0.9996$$

$$DL = 1.301$$

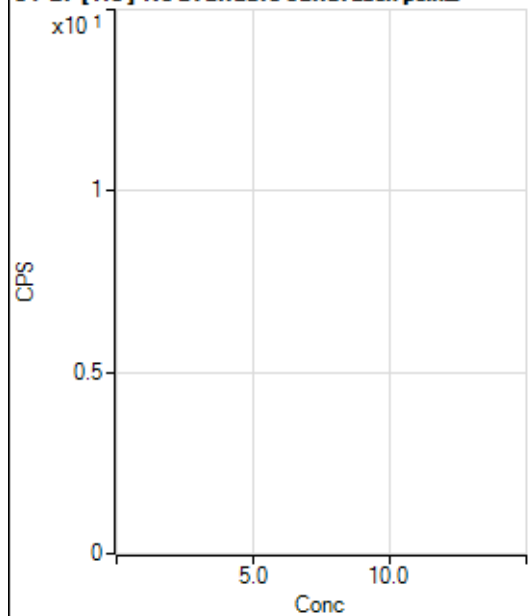
$$BEC = 7.955$$

Weight: <None>

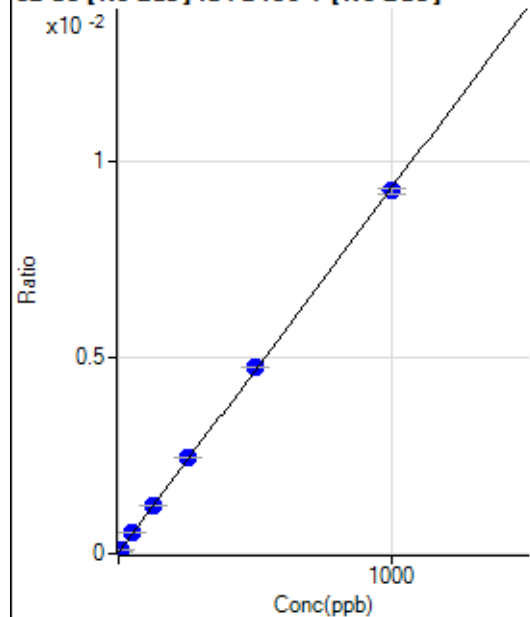
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16843.05		P	1.8
2	☐			16489.30		P	1.0
3	☐			15651.72		P	4.4
4	☐			14536.15		P	1.5
5	☐			13233.80		P	0.9
6	☐			12688.88		P	2.2
7	☐			12970.24		P	1.9
8	☐			14322.61		P	3.2

81 Br [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			197.78		P	4.9
2	☐			171.11		P	11.
3	☐			121.11		P	11.
4	☐			105.56		P	1.8
5	☐			106.67		P	10.
6	☐			112.23		P	21.
7	☐			115.56		P	13.
8	☐			136.67		P	15.

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	577.23	0.0000	P	2.4
2	☐	5.000	5.276	1437.70	0.0001	P	0.9
3	☐	50.000	53.089	9249.66	0.0005	P	1.1
4	☐	125.000	129.799	21440.70	0.0012	P	1.8
5	☐	250.000	259.391	40225.17	0.0024	P	1.0
6	☐	500.000	508.653	76358.26	0.0048	P	0.6
7	☐	1000.000	992.570	147071.78	0.0093	P	1.4
8	☐			655.58	0.0000	P	1.2

$$y = 9.3040\text{E-}006 * x + 3.1962\text{E-}005$$

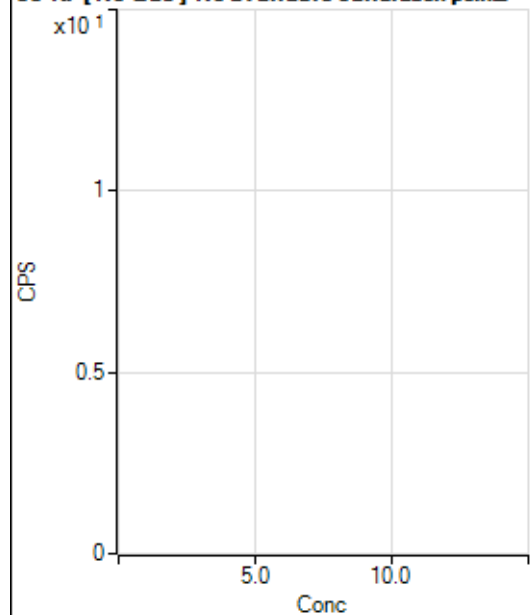
$$R = 0.9999$$

$$DL = 0.2452$$

$$BEC = 3.435$$

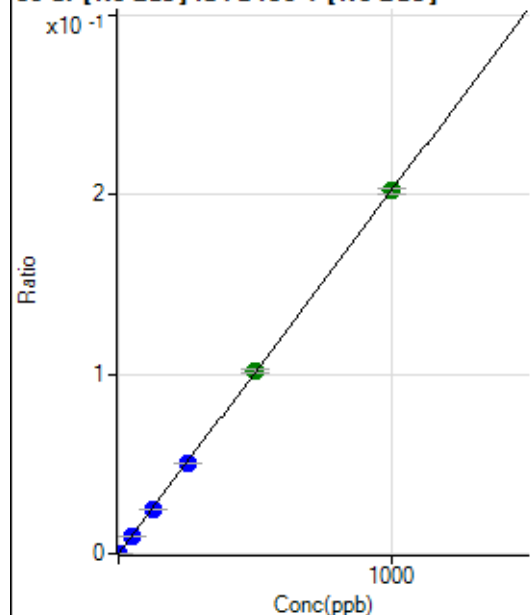
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			180.00		P	4.9
2	☐			175.56		P	8.8
3	☐			153.34		P	15.
4	☐			140.00		P	12.
5	☐			148.89		P	12.
6	☐			156.67		P	17.
7	☐			156.67		P	15.
8	☐			166.67		P	5.3

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.56	0.0000	P	8.8
2	☐	1.000	0.986	3833.87	0.0002	P	0.9
3	☐	50.000	49.606	176638.47	0.0100	P	1.0
4	☐	125.000	123.345	431493.78	0.0249	P	1.3
5	☐	250.000	247.857	824324.97	0.0501	P	0.5
6	☐	500.000	502.932	1629292.02	0.1017	A	1.5
7	☐	1000.000	999.296	3205680.09	0.2020	A	1.4
8	☐			9475.36	0.0006	P	2.0

$$y = 2.0211\text{E-}004 * x + 1.6920\text{E-}005$$

$$R = 1.0000$$

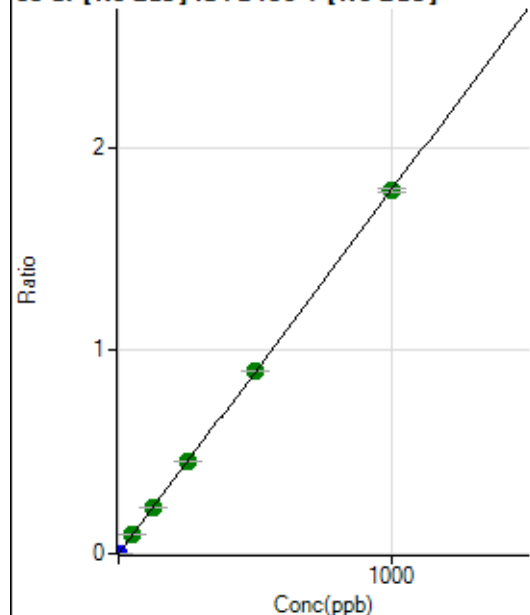
$$DL = 0.02209$$

$$BEC = 0.08372$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	10.
2	☐	1.000	0.983	31342.29	0.0018	P	0.6
3	☐	50.000	50.923	1602322.39	0.0911	A	0.8
4	☐	125.000	125.873	3894858.55	0.2252	A	1.0
5	☐	250.000	253.341	7454798.64	0.4532	A	0.5
6	☐	500.000	502.573	14408321.31	0.8990	A	0.2
7	☐	1000.000	997.723	28325594.58	1.7847	A	1.2
8	☐			81351.01	0.0052	P	1.6

$$y = 0.0018 * x + 7.6884\text{E-}006$$

$$R = 1.0000$$

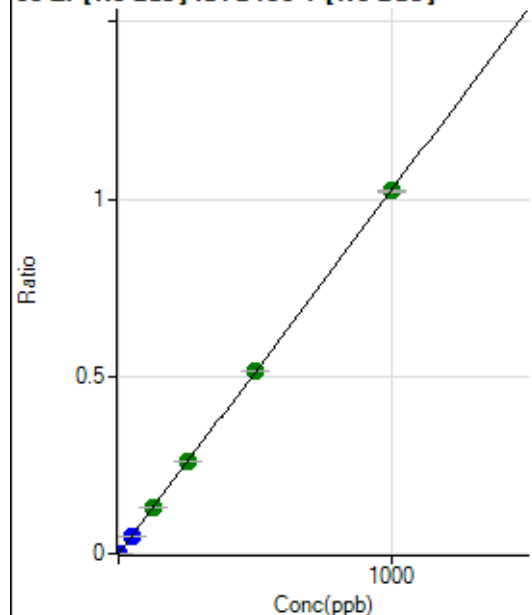
$$DL = 0.001349$$

$$BEC = 0.004298$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	665.58	0.0000	P	1.3
2	☐	1.000	1.007	18970.12	0.0011	P	1.8
3	☐	50.000	49.558	894041.21	0.0508	P	0.6
4	☐	125.000	125.402	2223804.13	0.1286	A	1.5
5	☐	250.000	252.521	4258102.44	0.2589	A	0.4
6	☐	500.000	502.206	8250053.07	0.5148	A	0.7
7	☐	1000.000	998.238	16239354.20	1.0232	A	0.7
8	☐			12374.20	0.0008	P	4.1

$$y = 0.0010 * x + 3.6853E-005$$

$$R = 1.0000$$

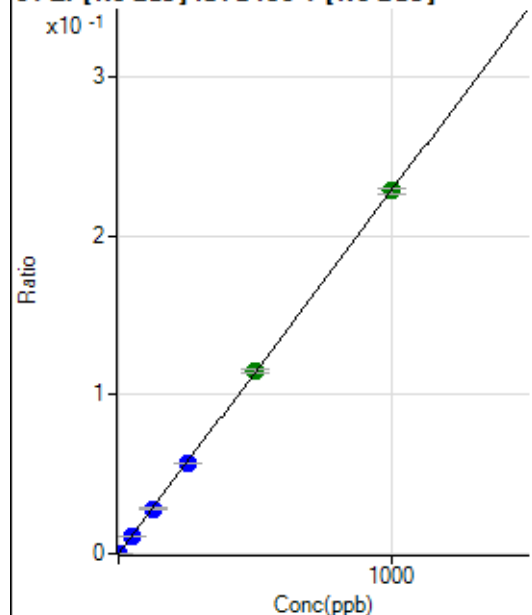
$$DL = 0.001417$$

$$BEC = 0.03596$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.23	0.0000	P	20.
2	☐	1.000	1.010	4237.32	0.0002	P	2.2
3	☐	50.000	49.673	199582.17	0.0113	P	0.8
4	☐	125.000	123.521	487822.53	0.0282	P	2.2
5	☐	250.000	249.383	936555.61	0.0569	P	0.5
6	☐	500.000	502.603	1838802.58	0.1147	A	1.7
7	☐	1000.000	999.054	3619451.65	0.2281	A	1.6
8	☐			2785.84	0.0002	P	9.4

$$y = 2.2827E-004 * x + 8.4245E-006$$

$$R = 1.0000$$

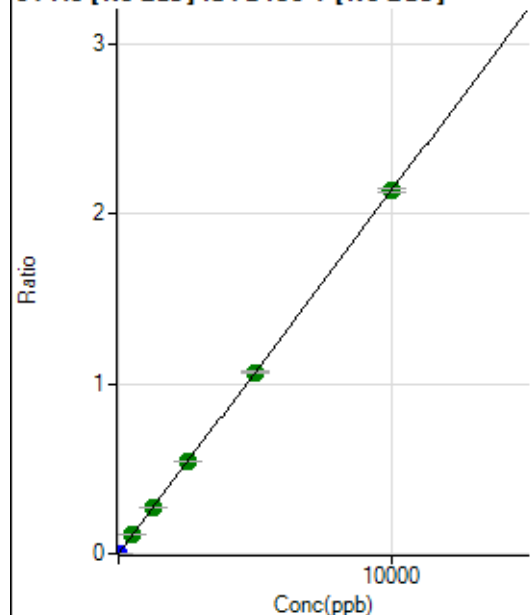
$$DL = 0.02269$$

$$BEC = 0.03691$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	285.56	0.0000	P	15.
2	☐	5.000	5.911	22658.75	0.0013	P	0.2
3	☐	500.000	505.613	1898263.36	0.1079	A	0.4
4	☐	1250.000	1255.882	4636696.11	0.2680	A	0.6
5	☐	2500.000	2527.132	8872469.38	0.5394	A	0.4
6	☐	5000.000	5003.821	17115240.30	1.0679	A	0.9
7	☐	10000.000	9990.290	33839981.16	2.1322	A	1.0
8	☐			12898.00	0.0008	P	11.

$$y = 2.1342\text{E-}004 * x + 1.5819\text{E-}005$$

$$R = 1.0000$$

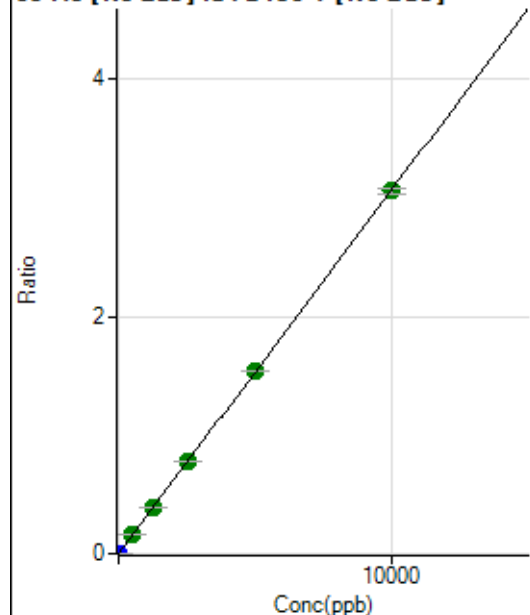
$$DL = 0.03338$$

$$BEC = 0.07412$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	73.33	0.0000	P	7.6
2	☐	5.000	5.102	27823.16	0.0016	P	0.8
3	☐	500.000	506.450	2731704.89	0.1553	A	0.1
4	☐	1250.000	1256.207	6663245.18	0.3852	A	1.3
5	☐	2500.000	2534.186	12783538.56	0.7771	A	1.0
6	☐	5000.000	5020.456	24673652.97	1.5395	A	0.6
7	☐	10000.000	9980.127	48571895.94	3.0605	A	1.4
8	☐			13831.12	0.0009	P	10.

$$y = 3.0665\text{E-}004 * x + 4.0598\text{E-}006$$

$$R = 1.0000$$

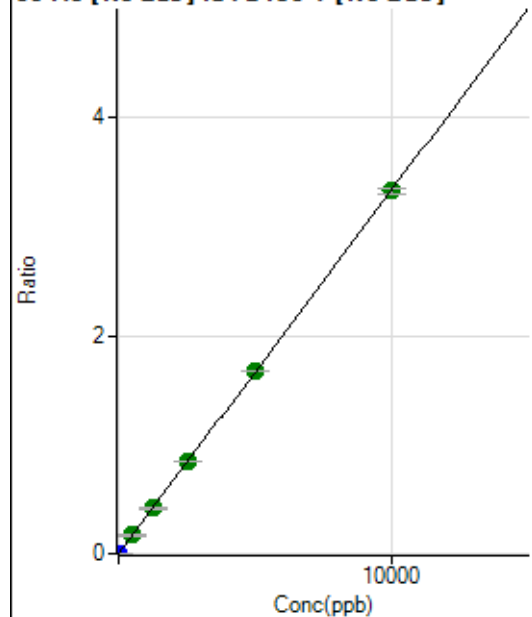
$$DL = 0.002999$$

$$BEC = 0.01324$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.56	0.0000	P	10.
2	☐	5.000	5.156	30611.00	0.0017	P	1.0
3	☐	500.000	504.147	2956107.53	0.1681	A	0.7
4	☐	1250.000	1250.102	7208041.01	0.4167	A	1.7
5	☐	2500.000	2547.263	13968477.15	0.8492	A	0.2
6	☐	5000.000	5015.391	26795165.43	1.6719	A	0.6
7	☐	10000.000	9980.269	52800340.88	3.3270	A	1.9
8	☐			24380.45	0.0016	P	7.3

$$y = 3.3336\text{E-}004 * x + 6.9531\text{E-}006$$

$$R = 1.0000$$

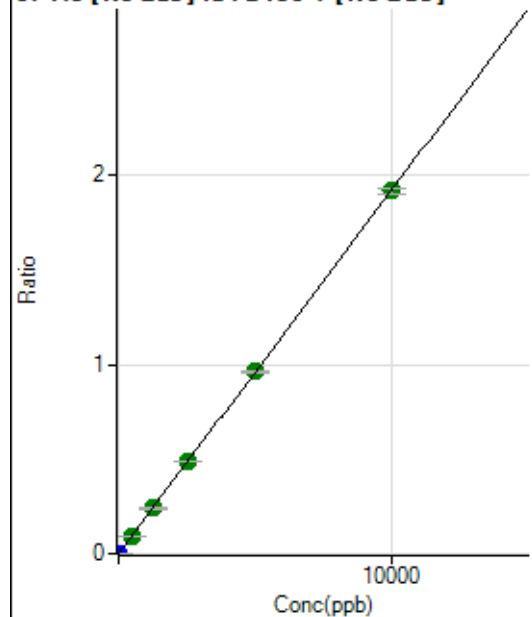
$$DL = 0.006814$$

$$BEC = 0.02086$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0000	P	26.
2	☐	5.000	5.035	17210.19	0.0010	P	1.4
3	☐	500.000	496.864	1678476.24	0.0954	A	0.2
4	☐	1250.000	1246.498	4140906.19	0.2394	A	1.1
5	☐	2500.000	2539.169	8021928.35	0.4877	A	0.0
6	☐	5000.000	5010.188	15421267.27	0.9622	A	0.5
7	☐	10000.000	9985.708	30435927.05	1.9178	A	1.9
8	☐			8572.61	0.0005	P	11.

$$y = 1.9205\text{E-}004 * x + 3.1350\text{E-}006$$

$$R = 1.0000$$

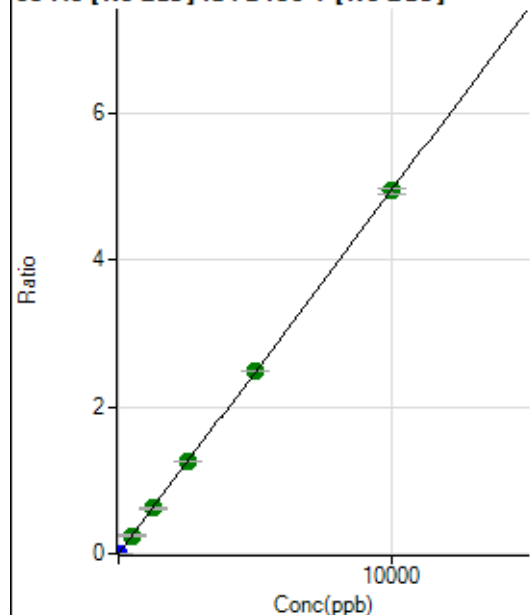
$$DL = 0.013$$

$$BEC = 0.01632$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	19.
2	☐	5.000	5.086	44753.81	0.0025	P	0.8
3	☐	500.000	502.105	4372019.14	0.2486	A	0.9
4	☐	1250.000	1245.337	10662932.55	0.6165	A	1.6
5	☐	2500.000	2529.569	20598309.56	1.2522	A	0.9
6	☐	5000.000	5015.004	39787321.35	2.4826	A	0.3
7	☐	10000.000	9985.583	78448720.50	4.9431	A	1.9
8	☐			21638.54	0.0014	P	13.

$$y = 4.9502\text{E-}004 * x + 5.5337\text{E-}006$$

$$R = 1.0000$$

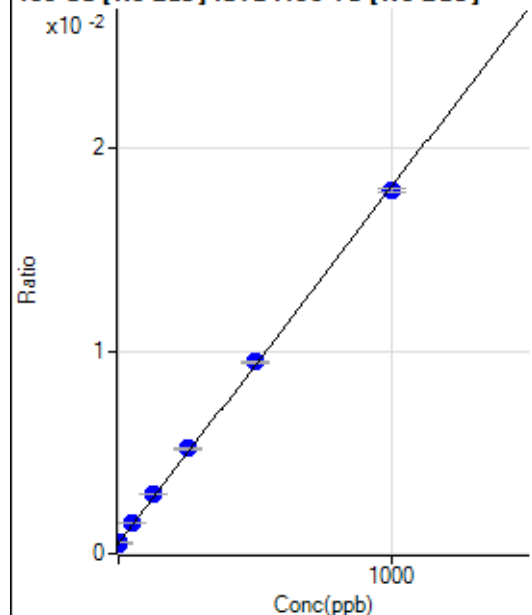
$$DL = 0.006667$$

$$BEC = 0.01118$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7853.30	0.0005	P	2.9
2	☐	1.000	2.248	8220.17	0.0006	P	0.4
3	☐	50.000	57.016	22834.72	0.0015	P	0.6
4	☐	125.000	138.076	44584.86	0.0029	P	1.0
5	☐	250.000	266.129	78015.74	0.0052	P	1.3
6	☐	500.000	510.061	142553.73	0.0095	P	0.9
7	☐	1000.000	988.951	267422.60	0.0179	P	0.9
8	☐			7072.88	0.0005	P	3.1

$$y = 1.7581\text{E-}005 * x + 5.1112\text{E-}004$$

$$R = 0.9998$$

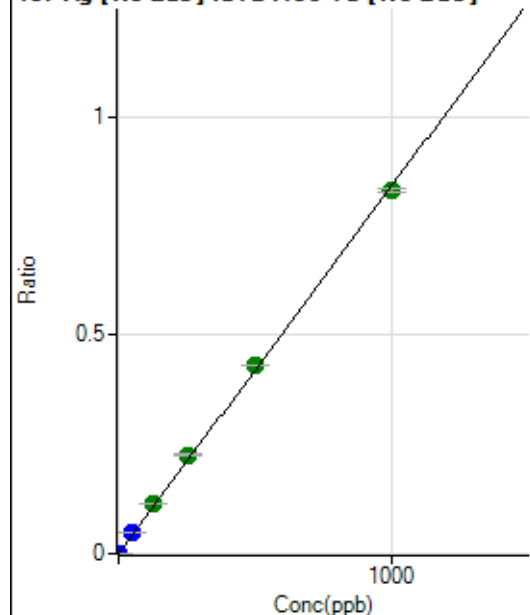
$$DL = 2.545$$

$$BEC = 29.07$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	101.11	0.0000	P	11.
2	☐	1.000	1.115	14082.47	0.0009	P	3.2
3	☐	50.000	56.029	710482.84	0.0471	P	0.6
4	☐	125.000	137.599	1754439.64	0.1156	A	1.4
5	☐	250.000	268.458	3391293.18	0.2256	A	0.9
6	☐	500.000	512.409	6476356.71	0.4306	A	0.8
7	☐	1000.000	987.305	12396947.87	0.8297	A	1.1
8	☐			3241.52	0.0002	P	10.

$$y = 8.4038\text{E-}004 * x + 6.5813\text{E-}006$$

$$R = 0.9997$$

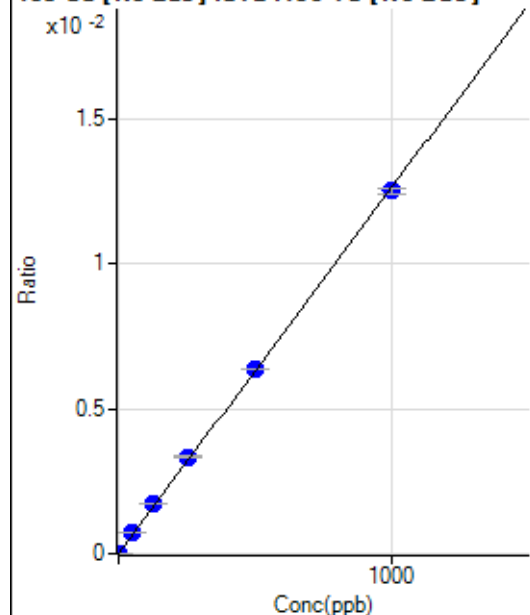
$$DL = 0.002739$$

$$BEC = 0.007831$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	43.
2	☐	1.000	1.139	245.56	0.0000	P	14.
3	☐	50.000	55.964	10678.46	0.0007	P	1.6
4	☐	125.000	137.832	26400.75	0.0017	P	1.6
5	☐	250.000	264.255	50122.92	0.0033	P	1.4
6	☐	500.000	505.684	95935.46	0.0064	P	0.1
7	☐	1000.000	991.692	186871.04	0.0125	P	1.3
8	☐			98.89	0.0000	P	29.

$$y = 1.2610\text{E-}005 * x + 2.0996\text{E-}006$$

$$R = 0.9998$$

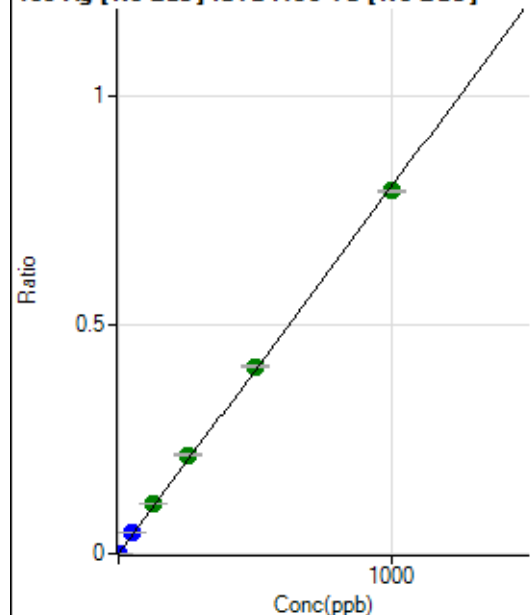
$$DL = 0.2166$$

$$BEC = 0.1665$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	12.
2	☐	1.000	1.077	12954.76	0.0009	P	0.9
3	☐	50.000	55.328	670222.26	0.0444	P	0.9
4	☐	125.000	137.095	1669982.87	0.1101	A	1.0
5	☐	250.000	268.314	3238188.74	0.2154	A	1.4
6	☐	500.000	510.096	6159513.24	0.4095	A	0.9
7	☐	1000.000	988.595	11859262.60	0.7937	A	0.9
8	☐			2992.57	0.0002	P	19.

$$y = 8.0288\text{E-}004 * x + 2.7490\text{E-}006$$

$$R = 0.9997$$

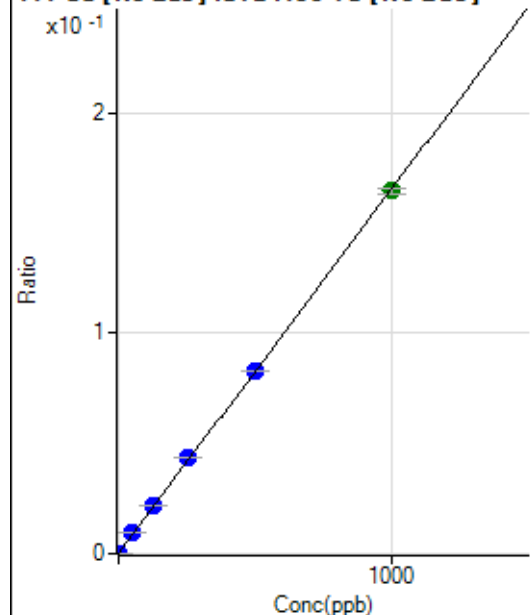
$$DL = 0.001279$$

$$BEC = 0.003424$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1562.55	0.0001	P	3.7
2	☐	1.000	1.184	4438.03	0.0003	P	0.8
3	☐	50.000	55.085	138773.08	0.0092	P	0.7
4	☐	125.000	133.636	336352.11	0.0222	P	0.4
5	☐	250.000	261.650	651026.16	0.0433	P	0.2
6	☐	500.000	500.672	1244992.12	0.0828	P	0.3
7	☐	1000.000	995.418	2457476.87	0.1645	A	1.9
8	☐			2067.60	0.0001	P	3.1

$$y = 1.6514\text{E-}004 * x + 1.0169\text{E-}004$$

$$R = 0.9999$$

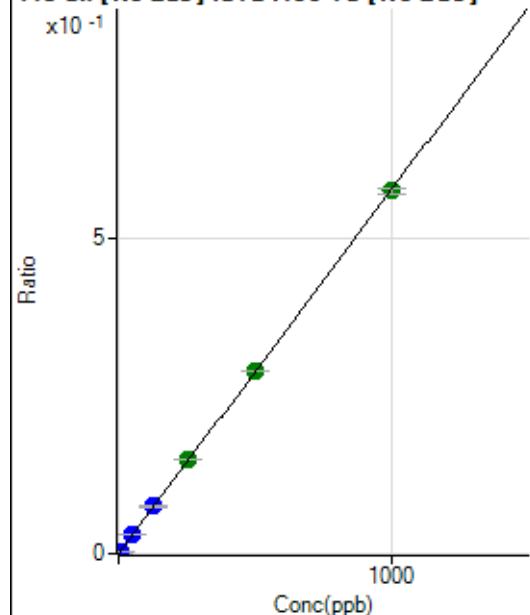
$$DL = 0.06848$$

$$BEC = 0.6158$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	758.91	0.0000	P	11.
2	☐	5.000	5.435	47586.06	0.0032	P	0.8
3	☐	50.000	52.657	459447.45	0.0305	P	0.5
4	☐	125.000	129.550	1135602.07	0.0749	P	0.9
5	☐	250.000	258.216	2241878.49	0.1491	A	1.3
6	☐	500.000	501.115	4352344.00	0.2894	A	0.3
7	☐	1000.000	996.684	8598950.36	0.5755	A	1.7
8	☐			3803.86	0.0003	P	3.9

$$y = 5.7740\text{E-}004 * x + 4.9378\text{E-}005$$

$$R = 1.0000$$

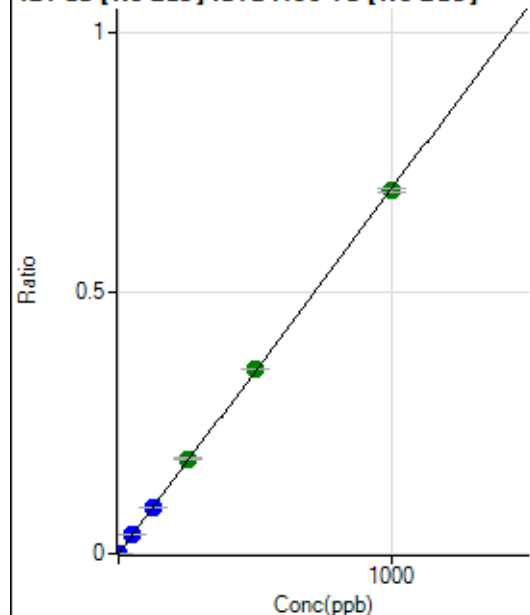
$$DL = 0.02923$$

$$BEC = 0.08552$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	42.
2	☐	2.000	2.126	22240.63	0.0015	P	0.5
3	☐	50.000	51.768	546605.34	0.0362	P	0.2
4	☐	125.000	128.285	1362086.59	0.0898	P	0.5
5	☐	250.000	260.932	2744914.37	0.1826	A	1.0
6	☐	500.000	504.205	5306836.87	0.3529	A	0.1
7	☐	1000.000	994.665	10400467.48	0.6961	A	0.9
8	☐			8772.76	0.0006	P	5.0

$$y = 6.9982\text{E-}004 * x + 1.8097\text{E-}006$$

$$R = 0.9999$$

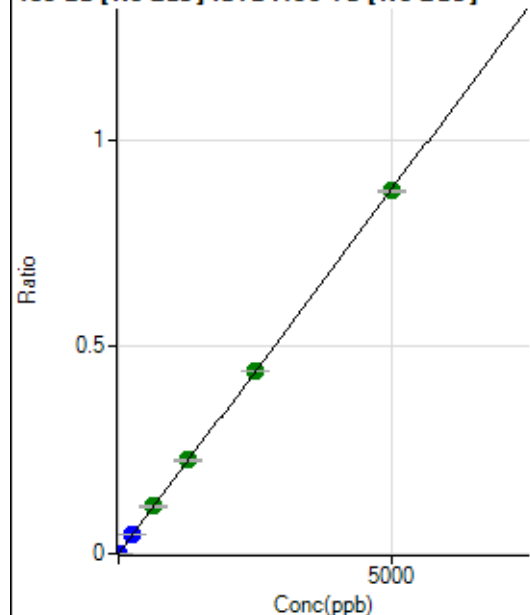
$$DL = 0.003297$$

$$BEC = 0.002586$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	16.
2	☐	10.000	10.734	28236.92	0.0019	P	1.4
3	☐	250.000	253.328	672998.34	0.0446	P	0.8
4	☐	625.000	649.343	1734696.97	0.1143	A	1.3
5	☐	1250.000	1286.898	3406180.57	0.2266	A	1.5
6	☐	2500.000	2512.813	6654557.12	0.4425	A	0.1
7	☐	5000.000	4981.158	13105395.22	0.8771	A	0.5
8	☐			6919.53	0.0005	P	7.3

$$y = 1.7608\text{E-}004 * x + 1.3011\text{E-}006$$

$$R = 1.0000$$

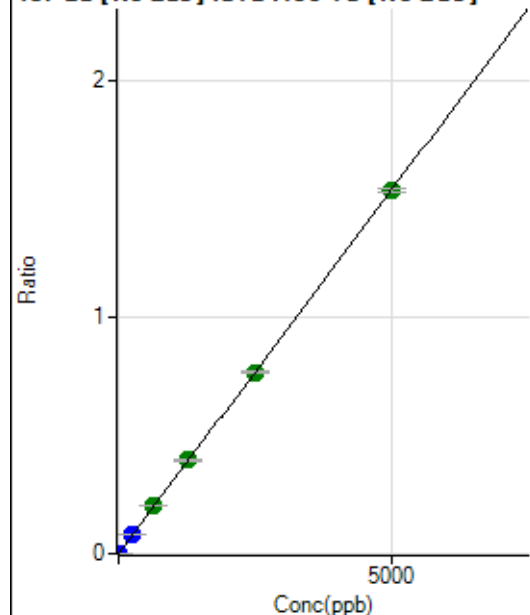
$$DL = 0.0036$$

$$BEC = 0.007389$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	40.
2	☐	10.000	10.642	48923.72	0.0033	P	0.6
3	☐	250.000	253.450	1176076.24	0.0780	P	0.7
4	☐	625.000	652.563	3044989.19	0.2007	A	1.2
5	☐	1250.000	1289.459	5961445.54	0.3966	A	1.2
6	☐	2500.000	2495.098	11541352.33	0.7674	A	0.9
7	☐	5000.000	4988.967	22925816.05	1.5344	A	1.0
8	☐			11985.14	0.0008	P	2.8

$$y = 3.0756\text{E-}004 * x + 4.3436\text{E-}006$$

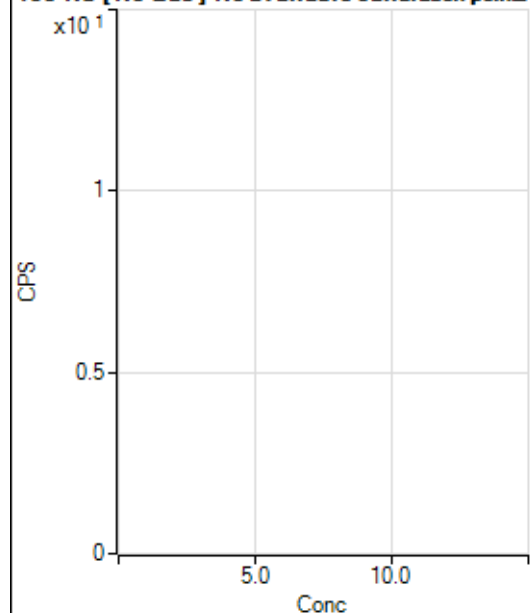
$$R = 1.0000$$

$$DL = 0.01694$$

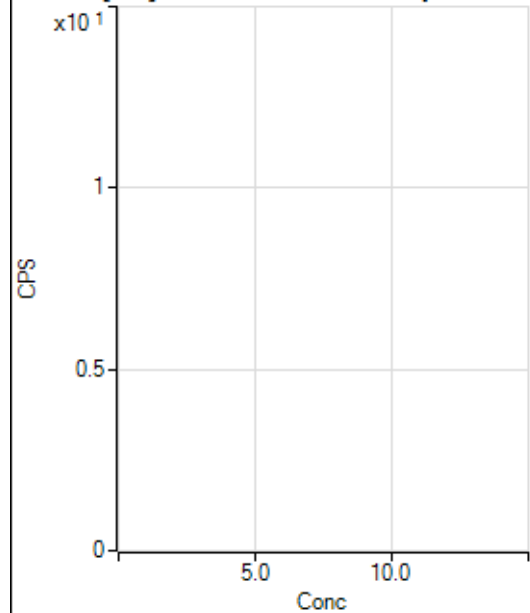
$$BEC = 0.01412$$

Weight: <None>

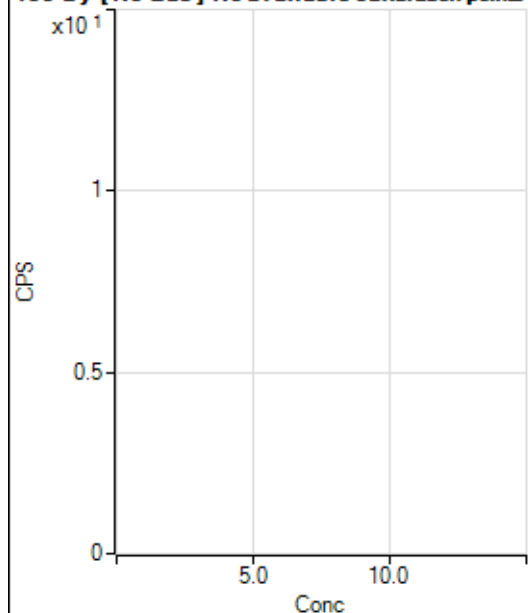
Min Conc: 0

150 Nd [No Gas] No available calibration points

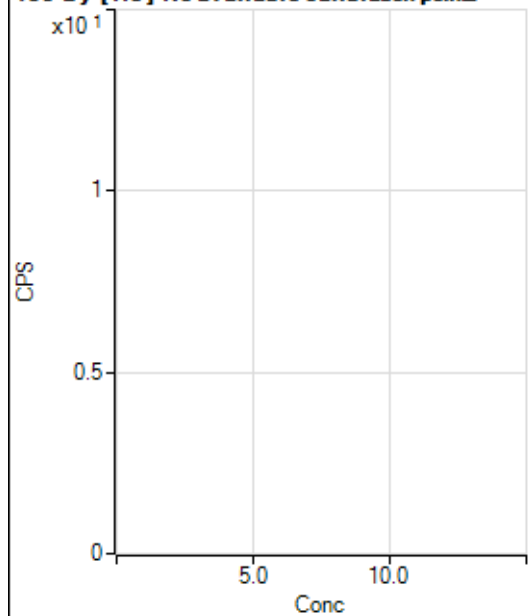
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.
2	☐			13.33		P	43.
3	☐			45.56		P	18.
4	☐			114.45		P	9.4
5	☐			204.45		P	5.7
6	☐			410.01		P	10.
7	☐			778.92		P	7.7
8	☐			232.23		P	3.6

150 Nd [He] No available calibration points

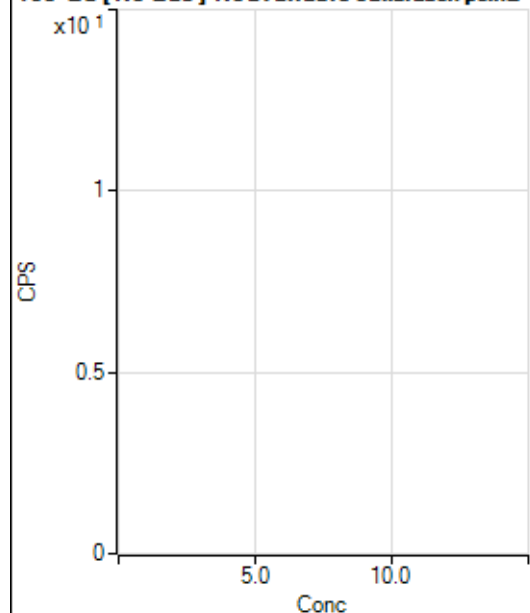
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.
2	☐			6.67		P	0.0
3	☐			27.78		P	56.
4	☐			30.00		P	22.
5	☐			52.22		P	35.
6	☐			121.11		P	34.
7	☐			224.45		P	12.
8	☐			141.11		P	16.

156 Dy [No Gas] No available calibration points

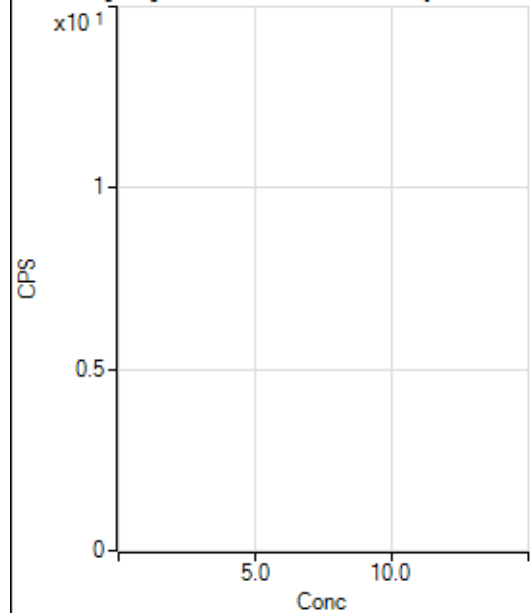
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	31.
2	☐			10.00		P	66.
3	☐			20.00		P	16.
4	☐			43.33		P	23.
5	☐			76.67		P	30.
6	☐			146.67		P	17.
7	☐			263.34		P	17.
8	☐			402.23		P	4.9

156 Dy [He] No available calibration points

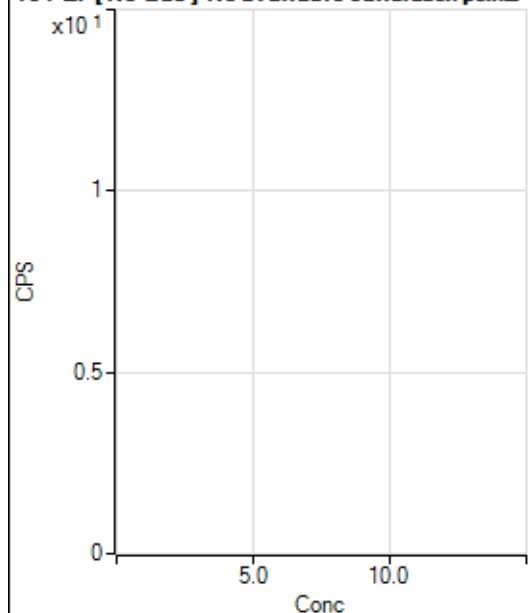
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	41.
2	☐			7.78		P	65.
3	☐			36.67		P	50.
4	☐			140.00		P	11.
5	☐			208.89		P	21.
6	☐			440.01		P	9.8
7	☐			796.70		P	7.1
8	☐			345.56		P	9.8

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

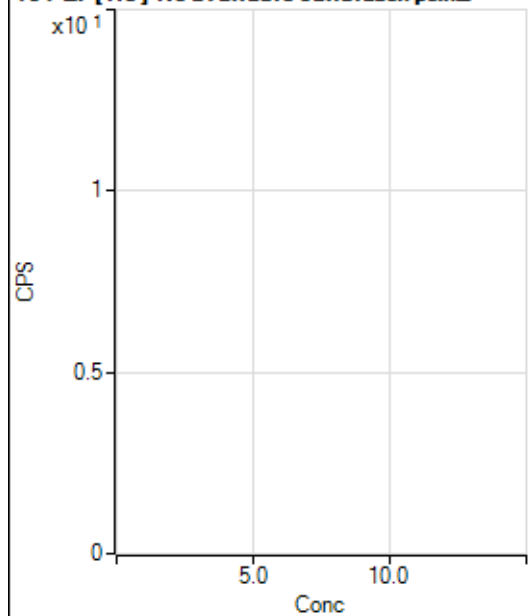
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.11		P	30.
2	☐			65.55		P	16.
3	☐			67.78		P	19.
4	☐			77.78		P	32.
5	☐			82.22		P	18.
6	☐			122.22		P	34.
7	☐			160.00		P	18.
8	☐			453.35		P	16.

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			634.47		P	8.8
2	☐			641.13		P	2.6
3	☐			641.13		P	10.
4	☐			600.02		P	2.0
5	☐			551.13		P	15.
6	☐			596.69		P	3.1
7	☐			647.80		P	6.0
8	☐			840.03		P	3.8

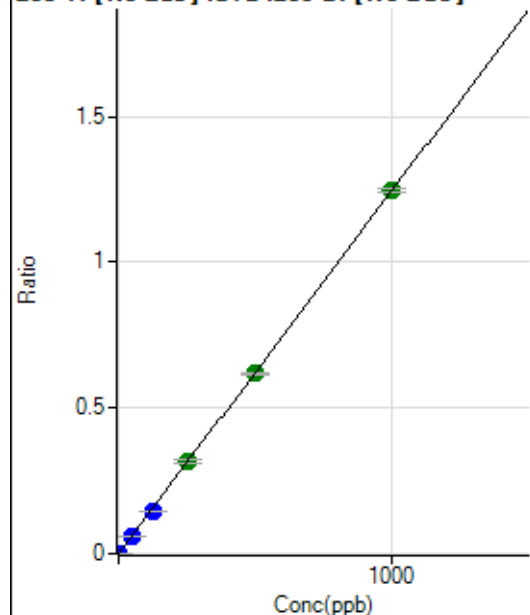
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	9.6
2	☐			76.67		P	35.
3	☐			82.22		P	12.
4	☐			80.00		P	16.
5	☐			94.44		P	22.
6	☐			158.89		P	9.7
7	☐			186.67		P	9.3
8	☐			467.79		P	7.0

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	30.
2	☐			43.33		P	13.
3	☐			58.89		P	48.
4	☐			68.89		P	10.
5	☐			73.33		P	19.
6	☐			92.22		P	38.
7	☐			150.00		P	17.
8	☐			323.34		P	10.

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.22	0.0000	P	7.8
2	☐	1.000	0.941	11007.87	0.0012	P	3.4
3	☐	50.000	46.963	547683.35	0.0584	P	0.7
4	☐	125.000	118.229	1390930.17	0.1471	P	0.6
5	☐	250.000	254.816	2976620.06	0.3170	A	2.5
6	☐	500.000	497.598	5828121.72	0.6190	A	0.8
7	☐	1000.000	1000.995	11570584.41	1.2452	A	1.0
8	☐			2472.48	0.0003	P	19.

$$y = 0.0012 * x + 1.3984E-005$$

$$R = 1.0000$$

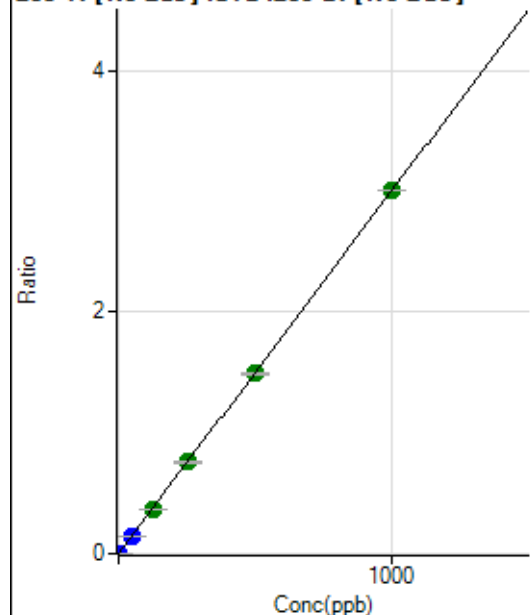
$$DL = 0.00264$$

$$BEC = 0.01124$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0000	P	11.
2	☐	1.000	0.922	25994.89	0.0028	P	1.7
3	☐	50.000	46.157	1298405.95	0.1385	P	0.4
4	☐	125.000	124.491	3532810.40	0.3736	A	0.1
5	☐	250.000	254.211	7163187.18	0.7628	A	2.0
6	☐	500.000	497.172	14046450.35	1.4918	A	0.6
7	☐	1000.000	1000.617	27899968.47	3.0024	A	0.1
8	☐			5796.86	0.0007	P	14.

$$y = 0.0030 * x + 3.0546E-005$$

$$R = 1.0000$$

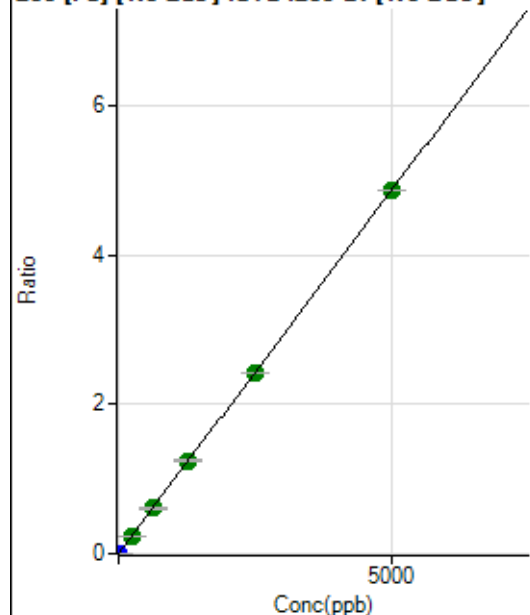
$$DL = 0.003601$$

$$BEC = 0.01018$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	532.24	0.0001	P	10.
2	☐	1.000	0.980	9398.88	0.0010	P	0.6
3	☐	250.000	249.313	2275432.62	0.2428	A	1.3
4	☐	625.000	623.396	5740192.69	0.6070	A	1.2
5	☐	1250.000	1278.758	11691712.32	1.2450	A	1.6
6	☐	2500.000	2494.809	22870384.10	2.4289	A	0.5
7	☐	5000.000	4995.641	45195473.77	4.8637	A	0.1
8	☐			17077.55	0.0021	P	8.3

$$y = 9.7357E-004 * x + 5.6315E-005$$

$$R = 1.0000$$

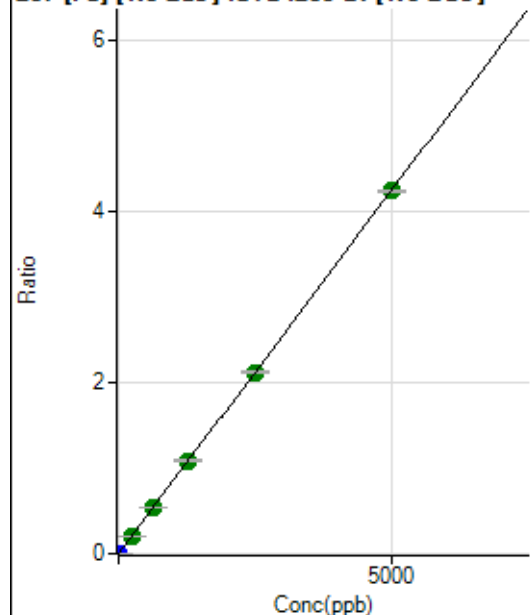
$$DL = 0.01896$$

$$BEC = 0.05784$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455.57	0.0000	P	2.8
2	☐	1.000	0.956	7987.97	0.0009	P	2.4
3	☐	250.000	247.547	1967666.74	0.2099	A	1.2
4	☐	625.000	628.161	5037280.79	0.5327	A	0.8
5	☐	1250.000	1275.133	10153371.65	1.0812	A	1.8
6	☐	2500.000	2498.431	19946659.01	2.1184	A	0.5
7	☐	5000.000	4994.229	39349840.80	4.2346	A	0.2
8	☐			14345.51	0.0018	P	7.5

$$y = 8.4789E-004 * x + 4.8183E-005$$

$$R = 1.0000$$

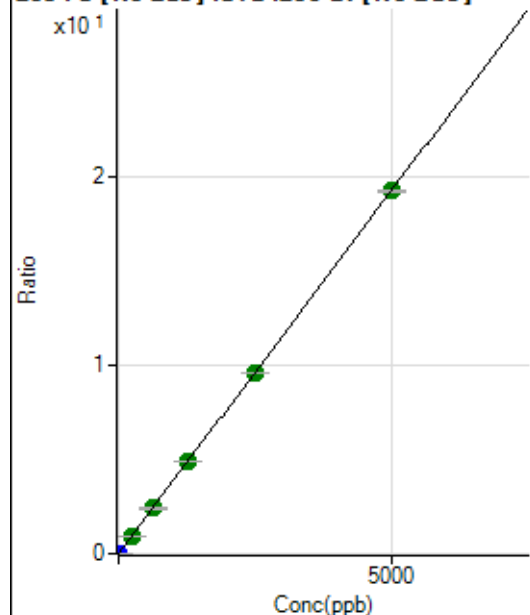
$$DL = 0.004776$$

$$BEC = 0.05683$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2121.20	0.0002	P	0.3
2	☐	1.000	0.965	36694.02	0.0039	P	0.4
3	☐	250.000	248.377	8982917.83	0.9584	A	0.8
4	☐	625.000	624.893	22799879.56	2.4109	A	0.8
5	☐	1250.000	1274.224	46164245.28	4.9159	A	1.5
6	☐	2500.000	2495.258	90639517.95	9.6264	A	0.3
7	☐	5000.000	4996.410	179114369.8	19.2753	A	0.2
8	☐			66531.97	0.0081	P	7.5

$$y = 0.0039 * x + 2.2437E-004$$

$$R = 1.0000$$

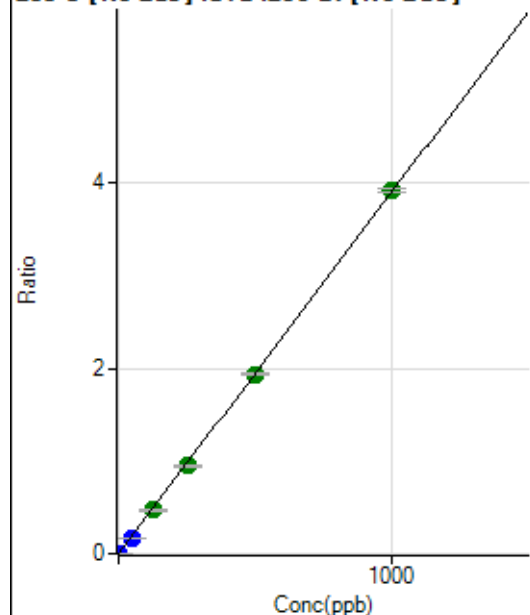
$$DL = 0.0005842$$

$$BEC = 0.05816$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	51.
2	☐	1.000	0.887	32214.60	0.0035	P	0.4
3	☐	50.000	43.623	1596172.53	0.1703	P	0.4
4	☐	125.000	120.448	4446438.79	0.4702	A	1.4
5	☐	250.000	244.420	8959906.74	0.9541	A	2.1
6	☐	500.000	496.094	18234702.09	1.9366	A	1.4
7	☐	1000.000	1004.236	36427121.68	3.9202	A	1.1
8	☐			6826.29	0.0008	P	15.

$$y = 0.0039 * x + 3.5239E-006$$

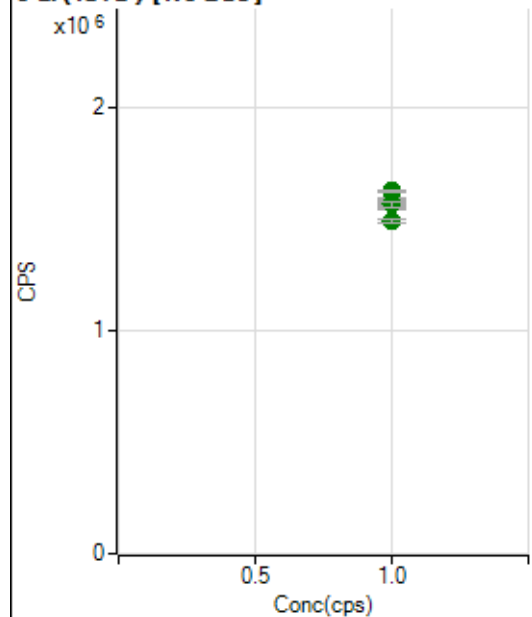
$$R = 1.0000$$

$$DL = 0.001406$$

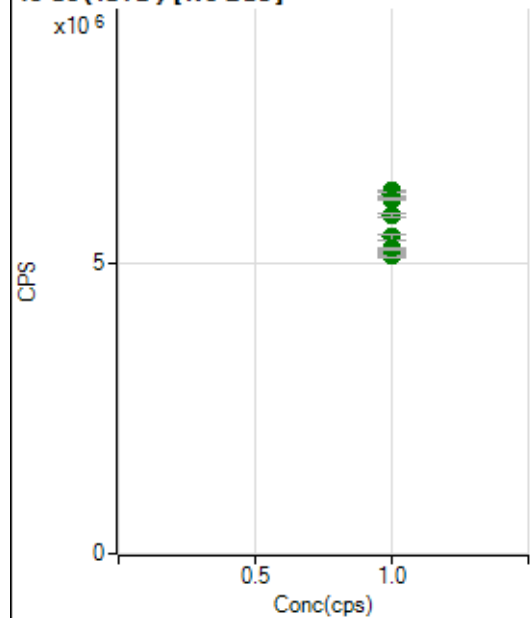
$$BEC = 0.0009027$$

Weight: <None>

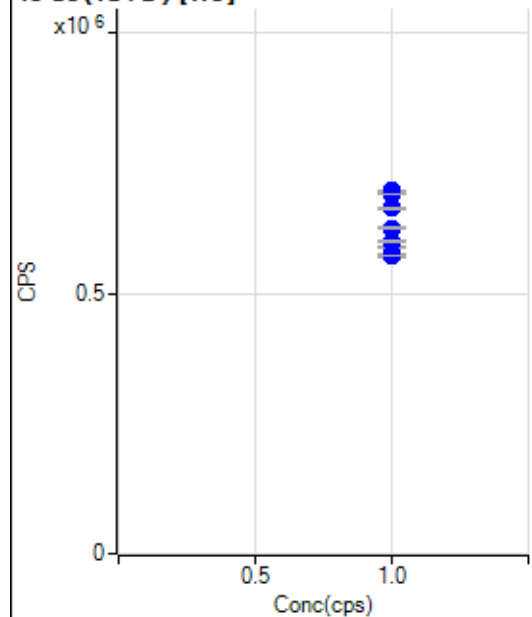
Min Conc: 0

6 Li (ISTD) [No Gas]

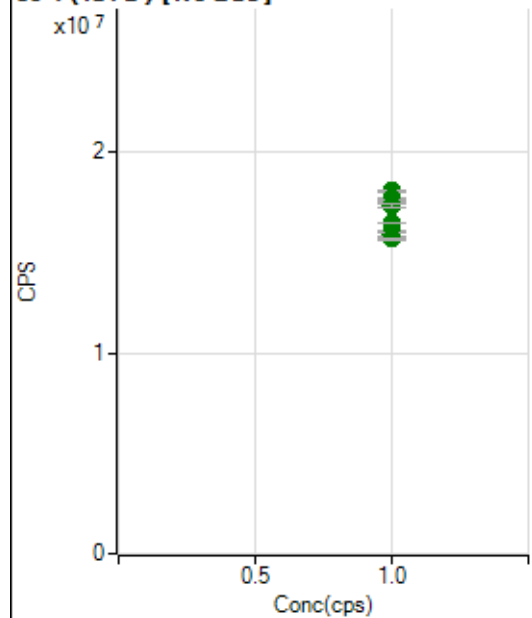
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1566729.61		A	1.9
2	☐	1.000		1572836.61		A	3.2
3	☐	1.000		1583832.75		A	0.4
4	☐	1.000		1627177.98		A	0.5
5	☐	1.000		1580775.67		A	1.1
6	☐	1.000		1575036.54		A	2.2
7	☐	1.000		1566643.92		A	1.7
8	☐	1.000		1494124.40		A	1.0

45 Sc (ISTD) [No Gas]

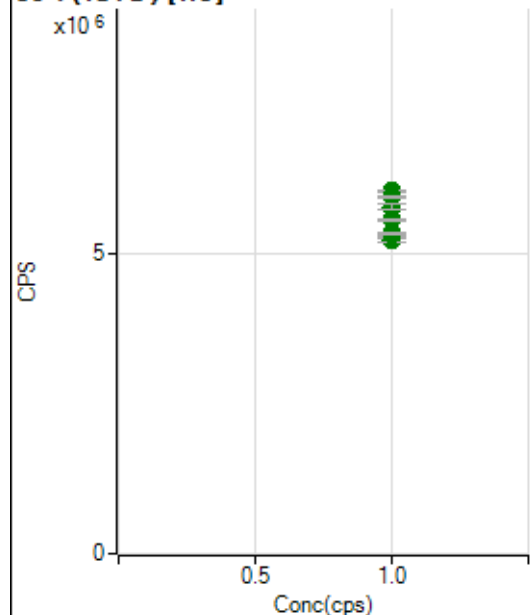
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6267962.34		A	0.6
2	☐	1.000		6217988.45		A	0.9
3	☐	1.000		6125874.28		A	0.9
4	☐	1.000		5836377.76		A	1.3
5	☐	1.000		5472097.84		A	1.5
6	☐	1.000		5198894.96		A	0.9
7	☐	1.000		5133832.67		A	0.8
8	☐	1.000		5271819.23		A	0.7

45 Sc (ISTD) [He]

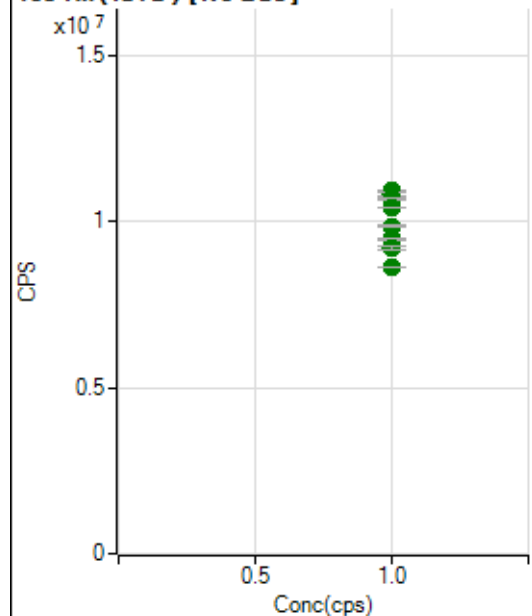
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		697219.25		P	0.8
2	☐	1.000		691541.21		P	0.1
3	☐	1.000		664501.08		P	0.7
4	☐	1.000		625660.76		P	0.7
5	☐	1.000		589943.90		P	0.6
6	☐	1.000		572423.96		P	0.8
7	☐	1.000		572468.54		P	0.3
8	☐	1.000		600283.48		P	0.3

89 Y (ISTD) [No Gas]

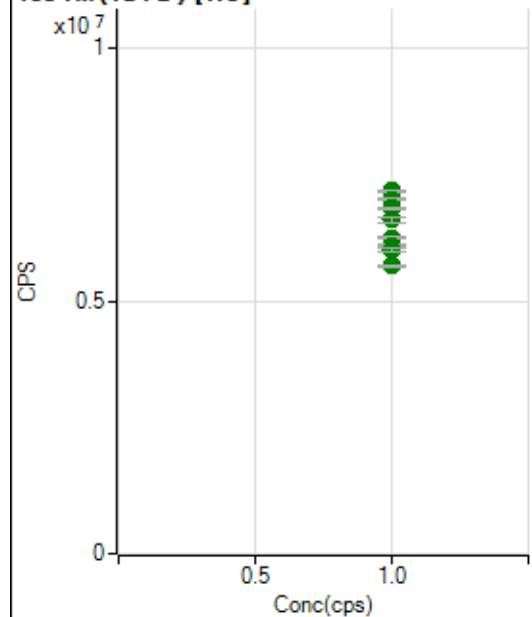
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18060458.20		A	0.5
2	☐	1.000		17738466.82		A	0.2
3	☐	1.000		17588895.85		A	0.5
4	☐	1.000		17298720.16		A	1.2
5	☐	1.000		16449847.95		A	0.2
6	☐	1.000		16026881.70		A	0.5
7	☐	1.000		15872273.65		A	1.0
8	☐	1.000		15671617.54		A	0.7

89 Y(ISTD) [He]

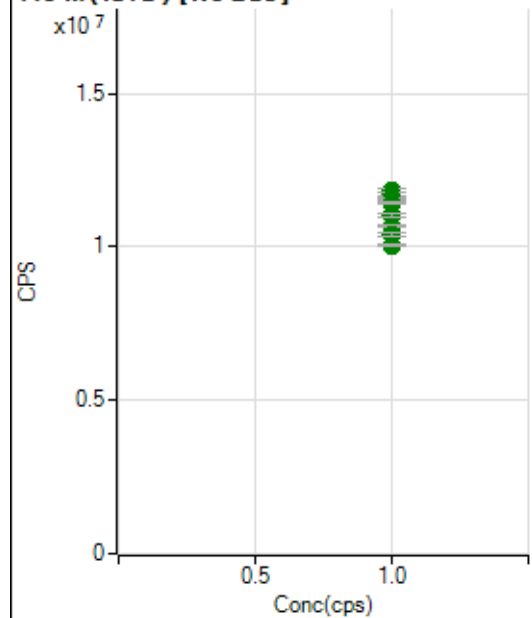
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6032940.81		A	0.3
2	☐	1.000		5934683.18		A	0.9
3	☐	1.000		5770657.97		A	1.5
4	☐	1.000		5550863.60		A	0.9
5	☐	1.000		5328178.18		A	0.2
6	☐	1.000		5212319.89		A	1.2
7	☐	1.000		5304534.82		A	0.8
8	☐	1.000		5326249.12		A	0.6

103 Rh(ISTD) [No Gas]

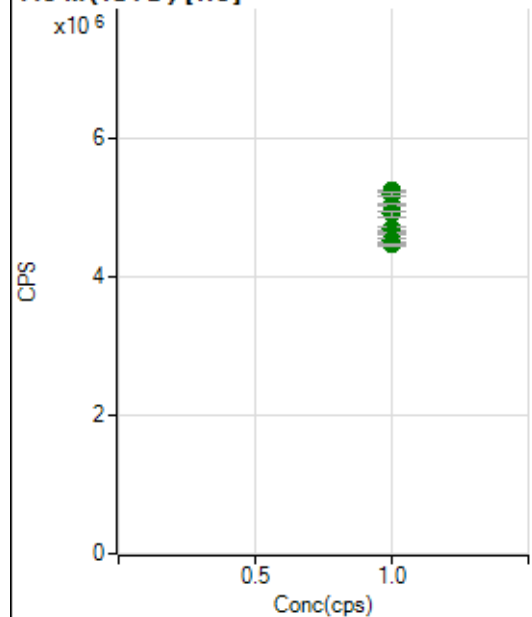
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10907621.23		A	0.7
2	☐	1.000		10829744.56		A	0.9
3	☐	1.000		10674822.62		A	0.4
4	☐	1.000		10408021.23		A	0.4
5	☐	1.000		9842739.09		A	0.5
6	☐	1.000		9475299.93		A	0.6
7	☐	1.000		9212388.20		A	1.2
8	☐	1.000		8593494.04		A	0.2

103 Rh (ISTD) [He]

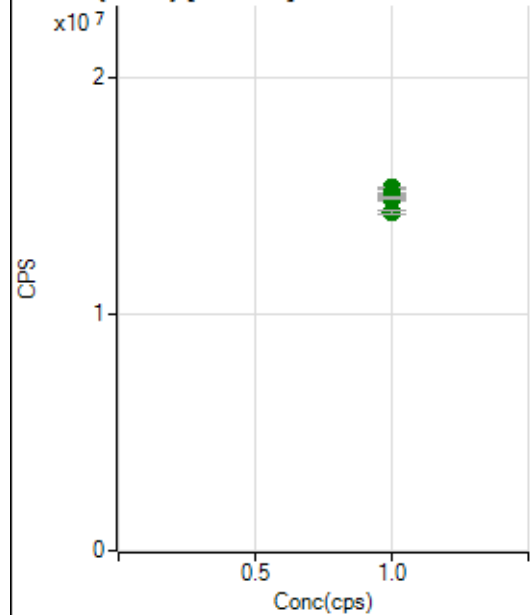
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7182437.46		A	0.2
2	☐	1.000		7014473.30		A	0.6
3	☐	1.000		6833490.80		A	0.8
4	☐	1.000		6607359.14		A	1.5
5	☐	1.000		6258728.31		A	0.8
6	☐	1.000		6097548.31		A	0.8
7	☐	1.000		6024537.69		A	1.0
8	☐	1.000		5701727.07		A	0.4

115 In (ISTD) [No Gas]

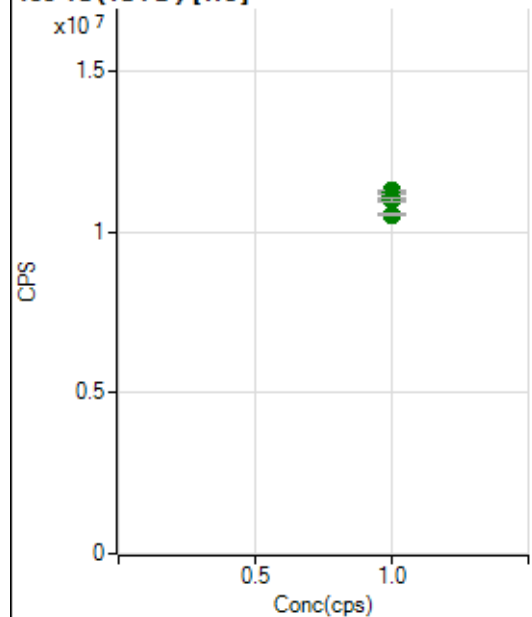
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11816650.73		A	0.9
2	☐	1.000		11722953.31		A	0.9
3	☐	1.000		11565231.97		A	0.5
4	☐	1.000		11417117.15		A	0.8
5	☐	1.000		11016852.35		A	1.0
6	☐	1.000		10671942.04		A	0.5
7	☐	1.000		10406019.02		A	1.1
8	☐	1.000		10028351.63		A	0.5

115 In (ISTD) [He]

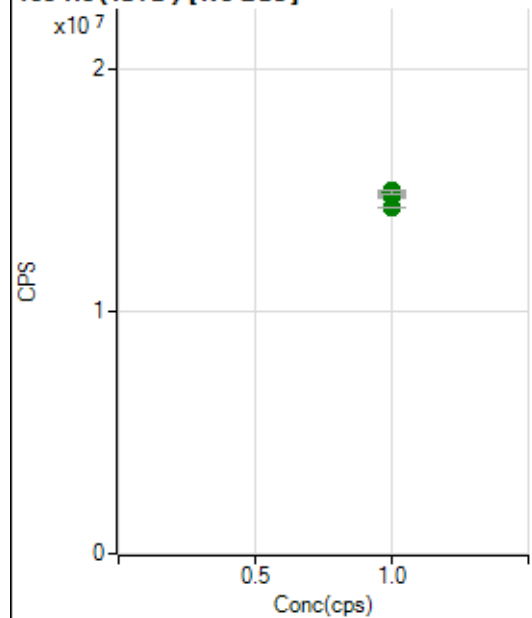
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5238930.72		A	0.4
2	☐	1.000		5195278.28		A	0.8
3	☐	1.000		5038605.97		A	0.9
4	☐	1.000		4903235.57		A	1.3
5	☐	1.000		4699577.77		A	1.3
6	☐	1.000		4622018.55		A	0.4
7	☐	1.000		4538013.58		A	1.3
8	☐	1.000		4459549.28		A	0.4

159 Tb (ISTD) [No Gas]

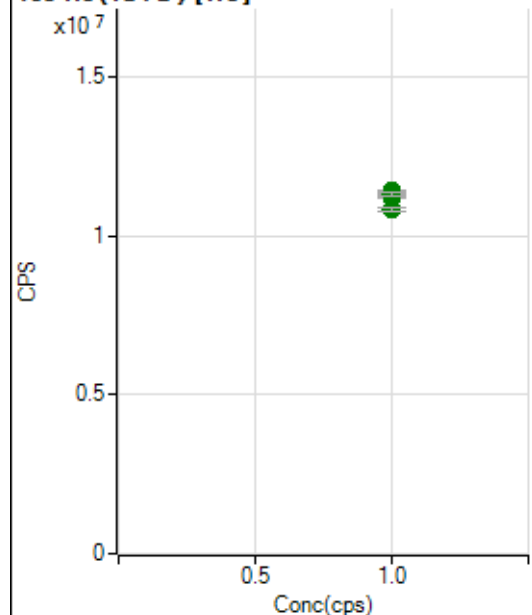
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15364561.58		A	0.4
2	☐	1.000		14928647.28		A	1.0
3	☐	1.000		15087087.83		A	0.7
4	☐	1.000		15171627.97		A	0.2
5	☐	1.000		15031826.86		A	0.4
6	☐	1.000		15039682.14		A	0.3
7	☐	1.000		14942060.33		A	0.9
8	☐	1.000		14355773.82		A	0.9

159 Tb (ISTD) [He]

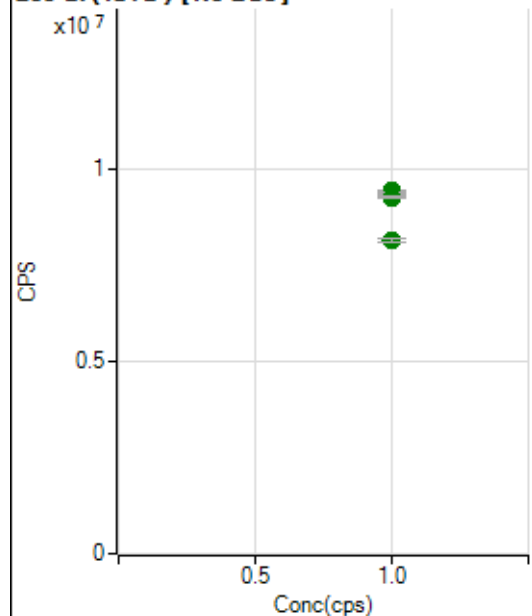
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11282999.14		A	0.6
2	☐	1.000		11242052.75		A	0.8
3	☐	1.000		10994778.24		A	1.1
4	☐	1.000		11126292.47		A	1.4
5	☐	1.000		11012428.72		A	0.3
6	☐	1.000		10982460.67		A	0.5
7	☐	1.000		11005443.45		A	1.1
8	☐	1.000		10554194.91		A	0.2

165 Ho (ISTD) [No Gas]

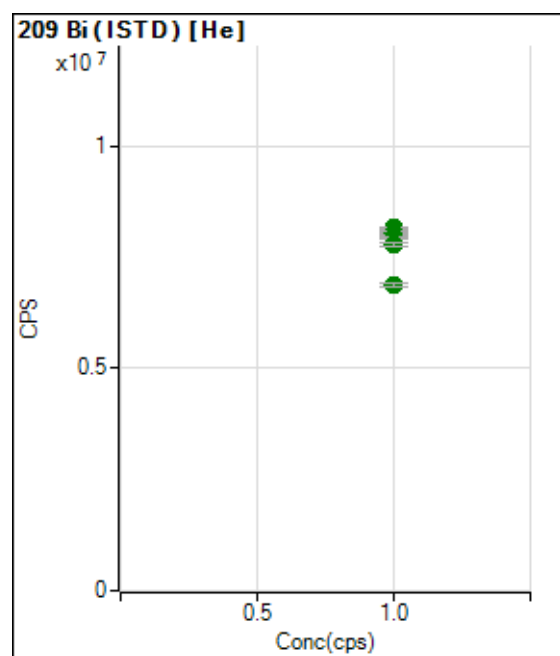
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14919758.25		A	0.2
2	☐	1.000		14808404.92		A	1.0
3	☐	1.000		14748153.25		A	0.6
4	☐	1.000		14846778.95		A	0.7
5	☐	1.000		14846861.45		A	0.6
6	☐	1.000		14996601.45		A	0.3
7	☐	1.000		14943530.05		A	1.1
8	☐	1.000		14312474.93		A	0.5

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11429145.39		A	0.5
2	☐	1.000		11280269.69		A	0.4
3	☐	1.000		11324330.53		A	0.3
4	☐	1.000		11266982.61		A	0.7
5	☐	1.000		11204544.97		A	0.1
6	☐	1.000		11292520.80		A	0.4
7	☐	1.000		11307733.03		A	0.9
8	☐	1.000		10845061.43		A	0.6

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9454010.48		A	0.5
2	☐	1.000		9298510.00		A	0.4
3	☐	1.000		9372940.76		A	0.9
4	☐	1.000		9456833.82		A	0.3
5	☐	1.000		9391400.97		A	0.6
6	☐	1.000		9415695.48		A	0.3
7	☐	1.000		9292446.95		A	0.8
8	☐	1.000		8164866.61		A	0.9



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8158699.25		A	0.3
2	☐	1.000		8064795.64		A	0.5
3	☐	1.000		8015720.85		A	0.6
4	☐	1.000		8050289.60		A	1.1
5	☐	1.000		7955928.08		A	0.5
6	☐	1.000		7935351.83		A	0.2
7	☐	1.000		7778061.69		A	0.8
8	☐	1.000		6876083.51		A	1.3