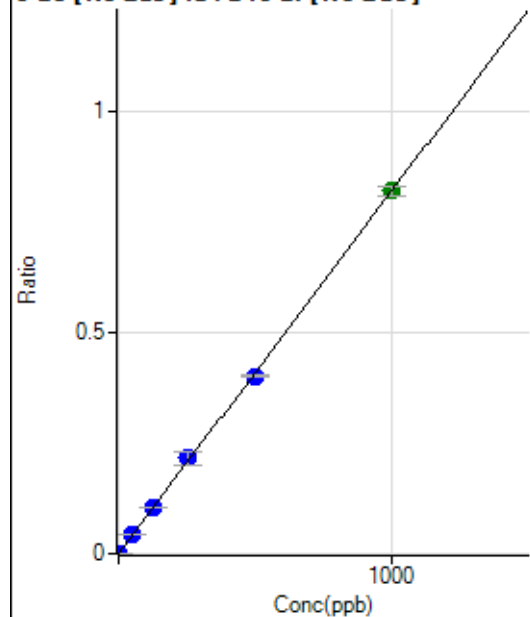


Calibration for 057SMPL.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7011025MS-2.b\
 Analysis File: P7011025MS-2.batch.bin
 DA Date-Time: 2025-01-13 13:39:08
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-10 13:28:04
2	006CALS.d	S02	2025-01-10 13:34:38
3	007CALS.d	S03	2025-01-10 13:37:56
4	008CALS.d	S04	2025-01-10 13:41:01
5	009CALS.d	S05	2025-01-10 13:43:54
6	010CALS.d	S06	2025-01-10 13:46:46
7	011CALS.d	S07	2025-01-10 13:49:31
8	012CALS.d	S08	2025-01-10 13:52:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	17.3
2	☐	1.000	1.191	1432.31	0.0010	P	6.1
3	☐	50.000	53.120	64881.35	0.0436	P	2.2
4	☐	125.000	128.076	154114.44	0.1050	P	0.8
5	☐	250.000	264.042	295528.42	0.2164	P	13.8
6	☐	500.000	489.642	575888.94	0.4012	P	1.0
7	☐	1000.000	1001.128	1151227.04	0.8204	A	2.6
8	☐			536.68	0.0004	P	7.7

$$y = 8.1940E-004 * x + 3.5186E-005$$

$$R = 0.9998$$

$$DL = 0.02228$$

$$BEC = 0.04294$$

Weight: <None>

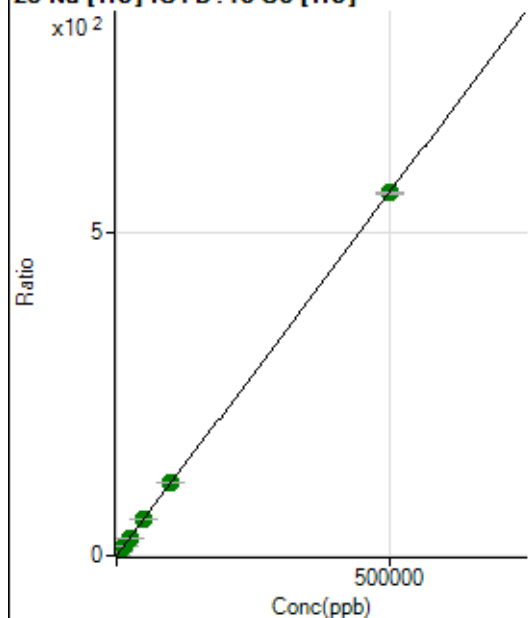
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21588.54	0.0361	P	1.7
2	☐	500.000	507.293	362068.37	0.6045	P	0.5
3	☐	5000.000	4989.739	3335780.05	5.6268	A	2.0
4	☐	12500.000	12578.013	7755018.63	14.1290	A	0.2
5	☐	25000.000	24662.050	14829696.03	27.6684	A	0.9
6	☐	50000.000	50719.919	29370426.78	56.8645	A	0.7
7	☐	100000.00	101416.64	58399204.69	113.6669	A	0.4
8	☐	500000.00	499659.72	304391873.2	559.8722	A	0.4

$$y = 0.0011 * x + 0.0361$$

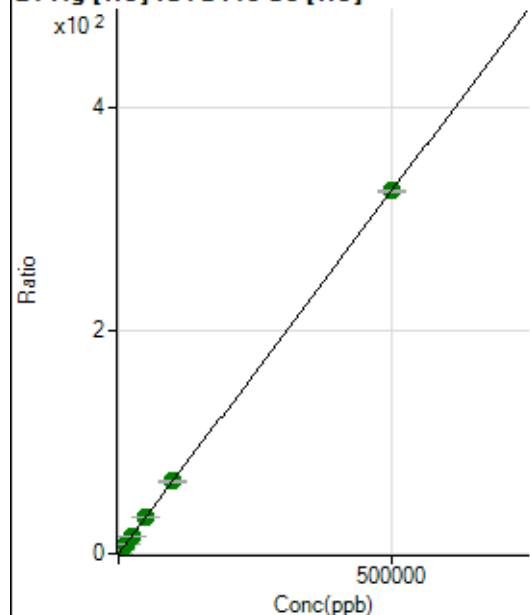
$$R = 1.0000$$

$$DL = 1.686$$

$$BEC = 32.26$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1482.31	0.0025	P	2.3
2	☐	500.000	546.568	214595.51	0.3583	P	0.1
3	☐	5000.000	4890.459	1889088.51	3.1862	A	0.4
4	☐	12500.000	12347.040	4413033.55	8.0404	A	0.8
5	☐	25000.000	24130.060	8420877.03	15.7112	A	0.7
6	☐	50000.000	49547.308	16660765.03	32.2578	A	0.3
7	☐	100000.00	99440.329	33261027.00	64.7382	A	0.2
8	☐	500000.00	500205.57	177043068.4	325.6368	A	0.7

$$y = 6.5100\text{E-}004 * x + 0.0025$$

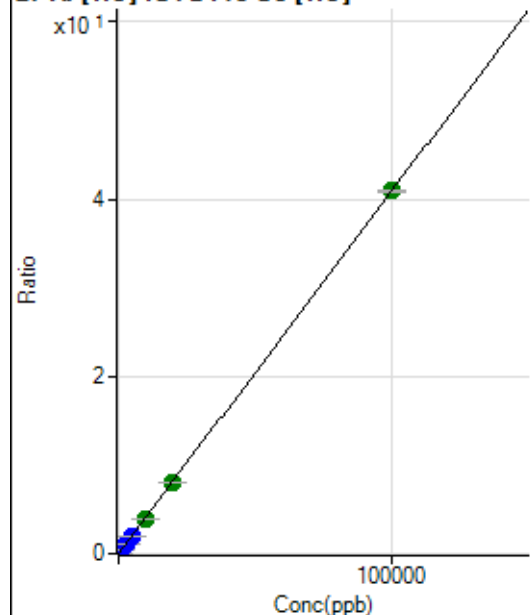
$$R = 1.0000$$

$$DL = 0.2581$$

$$BEC = 3.812$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.78	0.0003	P	7.1
2	☐	20.000	19.986	5080.89	0.0085	P	4.0
3	☐	1000.000	973.632	236150.56	0.3983	P	0.7
4	☐	2500.000	2398.817	538375.63	0.9809	P	0.7
5	☐	5000.000	4676.185	1024683.00	1.9118	P	0.5
6	☐	10000.000	9733.886	2055169.52	3.9792	A	0.6
7	☐	20000.000	19533.529	4102504.10	7.9850	A	0.3
8	☐	100000.00	100138.89	22254752.17	40.9337	A	0.7

$$y = 4.0877\text{E-}004 * x + 3.1446\text{E-}004$$

$$R = 1.0000$$

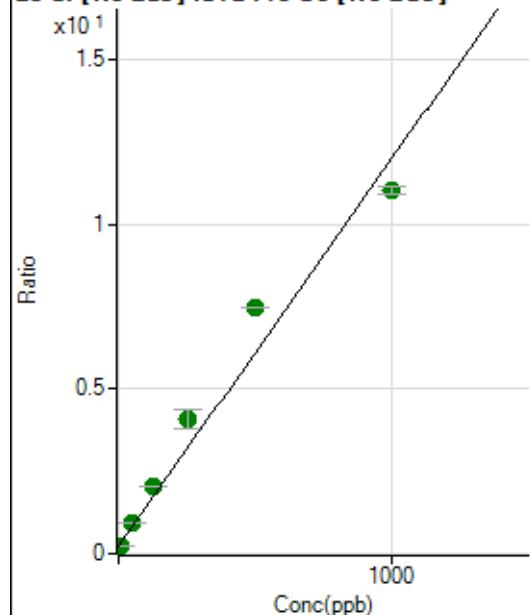
$$DL = 0.1635$$

$$BEC = 0.7693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1318641.43	0.2215	A	0.8
2	☐	10.000	0.541	1367581.08	0.2279	A	1.3
3	☐	50.000	62.093	5703900.54	0.9515	A	1.6
4	☐	125.000	154.849	11458835.94	2.0420	A	1.5
5	☐	250.000	327.915	20485013.31	4.0766	A	14.6
6	☐	500.000	616.943	38146103.60	7.4745	A	0.5
7	☐	1000.000	917.808	56128654.16	11.0116	A	2.0
8	☐			769935.70	0.1479	P	1.0

$$y = 0.0118 * x + 0.2215$$

$$R = 0.9846$$

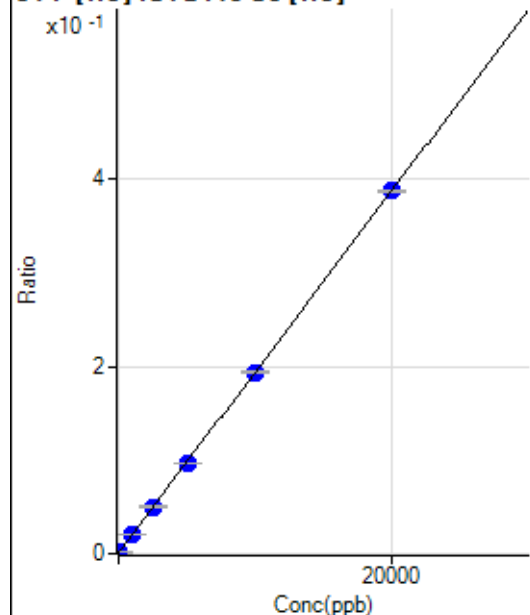
$$DL = 0.4267$$

$$BEC = 18.84$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.985	275.56	0.0005	P	6.6
2	☐	0.000	16.985	670.02	0.0011	P	2.9
3	☐	1000.000	992.188	11851.33	0.0200	P	1.9
4	☐	2500.000	2559.369	27614.99	0.0503	P	0.4
5	☐	5000.000	4963.732	51903.13	0.0968	P	0.4
6	☐	10000.000	9990.901	100255.30	0.1941	P	0.2
7	☐	20000.000	20006.586	199299.46	0.3879	P	0.4
8	☐			442.23	0.0008	P	7.7

$$y = 1.9349E-005 * x + 7.9012E-004$$

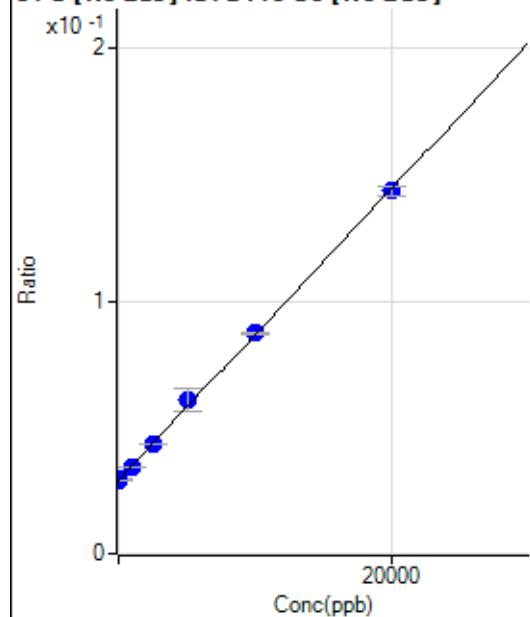
$$R = 1.0000$$

$$DL = 4.901$$

$$BEC = 40.83$$

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	63.968	175366.97	0.0295	P	0.5
2	☐	0.000	-63.968	172376.27	0.0287	P	0.7
3	☐	1000.000	909.907	205846.78	0.0343	P	1.2
4	☐	2500.000	2468.054	243108.34	0.0433	P	1.0
5	☐	5000.000	5509.848	305681.69	0.0609	P	15.0
6	☐	10000.000	10078.245	444972.48	0.0872	P	0.4
7	☐	20000.000	19841.913	731294.62	0.1435	P	2.4
8	☐			133666.43	0.0257	P	1.8

$$y = 5.7647\text{E-}006 * x + 0.0291$$

R = 0.9995

DL = 89.56

BEC = 5047

Weight: <None>

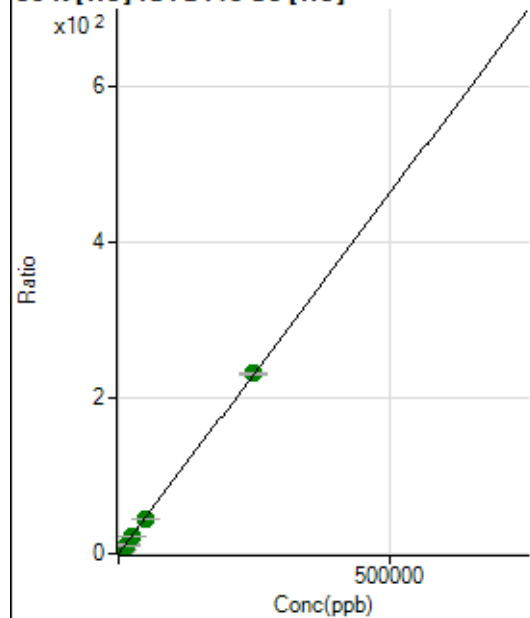
Min Conc: 0

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	57938.59	0.0970	P	0.5
2	☐	500.000	538.772	356436.87	0.5951	P	0.2
3	☐	2500.000	2444.002	1397060.95	2.3566	A	1.5
4	☐	6250.000	6129.823	3163804.74	5.7643	A	0.7
5	☐	12500.000	11907.154	5952410.82	11.1057	A	0.9
6	☐	25000.000	24224.043	11617502.19	22.4932	A	0.1
7	☐	50000.000	49001.144	23325902.43	45.4008	A	0.2
8	☐	250000.00	250310.49	125873584.7	231.5204	A	0.8

$$y = 9.2455E-004 * x + 0.0970$$

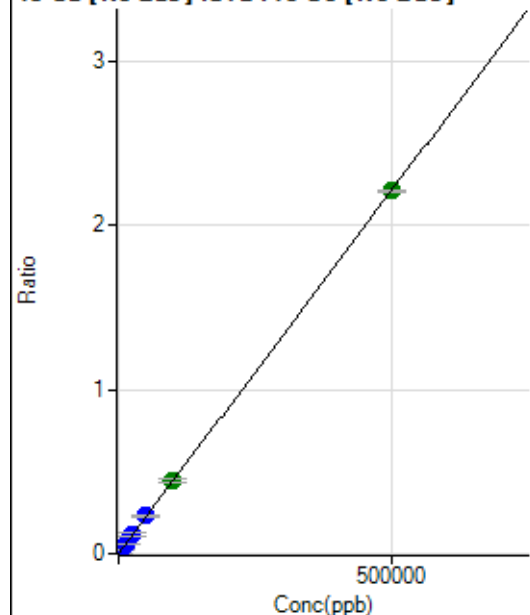
$$R = 1.0000$$

$$DL = 1.666$$

$$BEC = 104.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	426.68	0.0001	P	8.1
2	☐	500.000	549.705	15041.99	0.0025	P	0.7
3	☐	5000.000	5099.138	135796.01	0.0227	P	2.6
4	☐	12500.000	12749.378	317301.91	0.0565	P	1.0
5	☐	25000.000	27033.657	602152.22	0.1198	P	14.3
6	☐	50000.000	51699.949	1168952.51	0.2291	P	0.8
7	☐	100000.00	100584.05	2270672.26	0.4456	A	3.9
8	☐	500000.00	499604.23	11519000.94	2.2129	A	0.4

$$y = 4.4291\text{E-}006 * x + 7.1702\text{E-}005$$

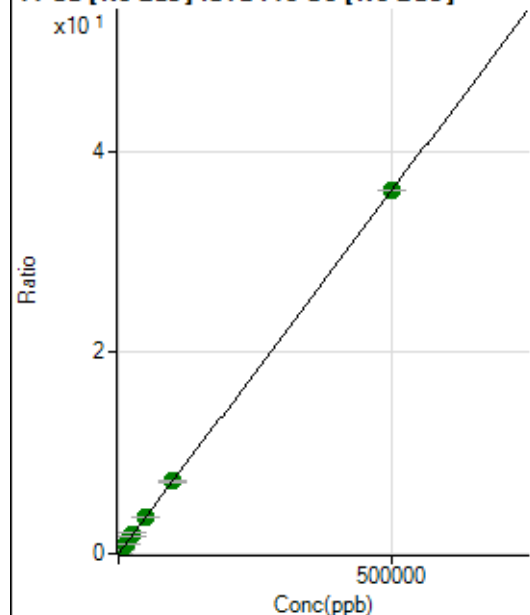
$$R = 1.0000$$

$$DL = 3.955$$

$$BEC = 16.19$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12474.72	0.0021	P	0.9
2	☐	500.000	548.888	250127.47	0.0417	P	0.3
3	☐	5000.000	4953.031	2153310.26	0.3593	A	3.0
4	☐	12500.000	12356.388	5012354.96	0.8932	A	1.2
5	☐	25000.000	26093.308	9470616.32	1.8838	A	14.0
6	☐	50000.000	50158.343	18470505.56	3.6193	A	0.4
7	☐	100000.00	99673.055	36644259.18	7.1900	A	3.1
8	☐	500000.00	499998.90	187698908.3	36.0596	A	0.1

$$y = 7.2115\text{E-}005 * x + 0.0021$$

$$R = 1.0000$$

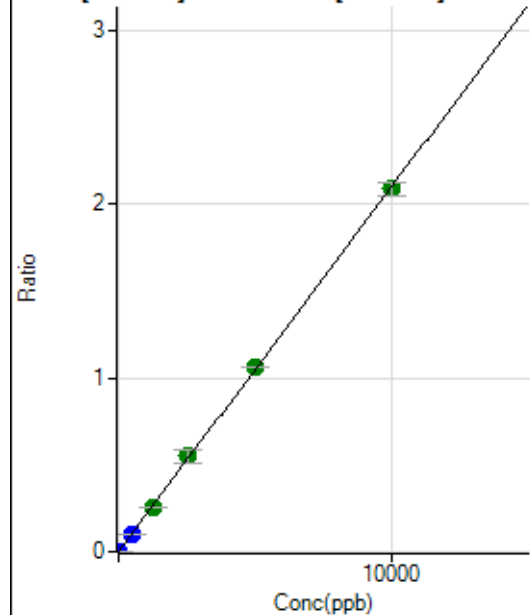
$$DL = 0.7845$$

$$BEC = 29.06$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.33	0.0000	P	33.2
2	☐	5.000	5.367	6850.49	0.0011	P	1.0
3	☐	500.000	492.824	620597.92	0.1035	P	2.8
4	☐	1250.000	1224.850	1443974.63	0.2573	A	1.6
5	☐	2500.000	2619.464	2766396.42	0.5503	A	14.1
6	☐	5000.000	5055.333	5419727.49	1.0620	A	0.8
7	☐	10000.000	9945.970	10648309.56	2.0894	A	3.5
8	☐			3507.12	0.0007	P	12.7

$$y = 2.1007\text{E-}004 * x + 1.4012\text{E-}005$$

$$R = 0.9999$$

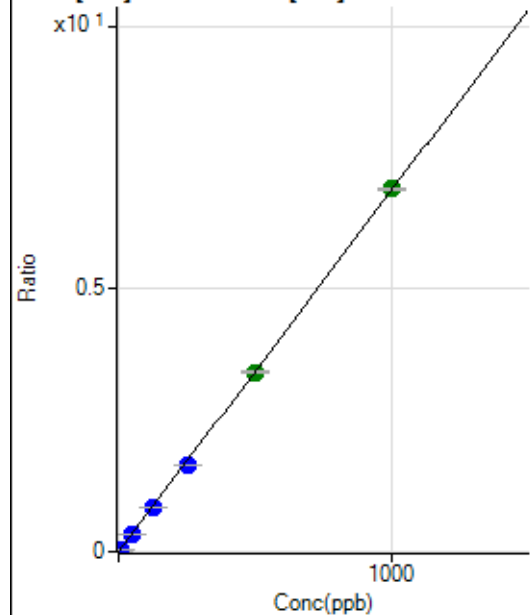
$$DL = 0.06638$$

$$BEC = 0.0667$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	56.3
2	☐	5.000	5.322	21931.59	0.0366	P	0.5
3	☐	50.000	49.177	200499.70	0.3382	P	1.3
4	☐	125.000	123.059	464497.32	0.8463	P	0.2
5	☐	250.000	240.043	884775.51	1.6507	P	0.3
6	☐	500.000	496.277	1762664.57	3.4128	A	1.0
7	☐	1000.000	1004.633	3549529.98	6.9087	A	0.9
8	☐			1128.94	0.0021	P	7.8

$$y = 0.0069 * x + 2.0439\text{E-}005$$

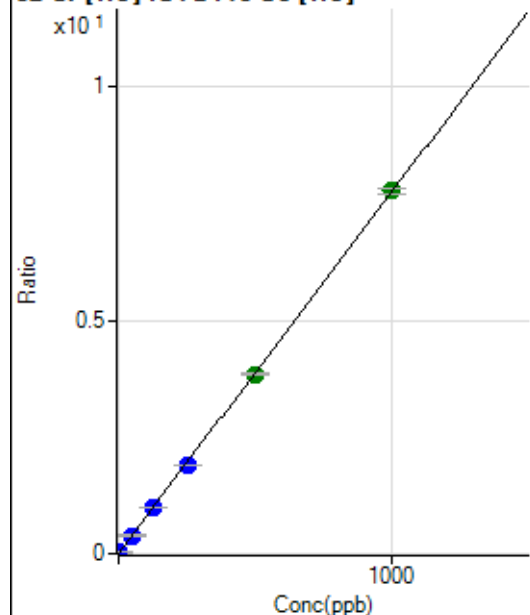
$$R = 0.9999$$

$$DL = 0.005023$$

$$BEC = 0.002972$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3240.38	0.0054	P	1.5
2	☐	2.000	2.199	13448.30	0.0225	P	0.5
3	☐	50.000	49.665	231213.29	0.3900	P	0.8
4	☐	125.000	124.822	533458.83	0.9719	P	0.5
5	☐	250.000	241.927	1006959.27	1.8787	P	0.1
6	☐	500.000	496.907	1990121.62	3.8531	A	0.8
7	☐	1000.000	1003.603	3995399.42	7.7765	A	1.3
8	☐			8968.30	0.0165	P	0.8

$$y = 0.0077 * x + 0.0054$$

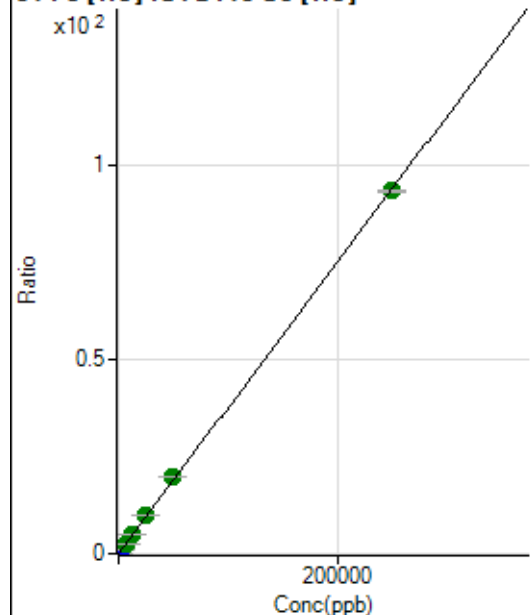
$$R = 1.0000$$

$$DL = 0.03099$$

$$BEC = 0.7006$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2925.87	0.0049	P	3.7
2	☐	50.000	58.385	16055.31	0.0268	P	1.1
3	☐	2500.000	2690.344	601430.53	1.0144	P	0.7
4	☐	6250.000	6639.771	1370194.31	2.4964	A	0.8
5	☐	12500.000	13015.307	2620302.32	4.8888	A	0.7
6	☐	25000.000	26605.322	5158860.03	9.9883	A	0.1
7	☐	50000.000	53094.120	10238414.78	19.9279	A	0.7
8	☐	250000.00	249183.22	50838939.24	93.5084	A	0.6

$$y = 3.7524E-004 * x + 0.0049$$

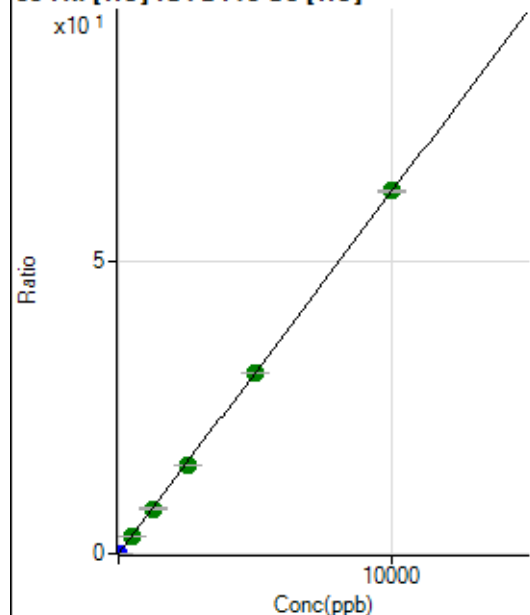
$$R = 0.9999$$

$$DL = 1.461$$

$$BEC = 13.05$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.34	0.0007	P	14.8
2	☐	1.000	1.085	4424.03	0.0074	P	1.4
3	☐	500.000	492.539	1806498.25	3.0470	A	1.4
4	☐	1250.000	1247.997	4236926.74	7.7194	A	0.4
5	☐	2500.000	2436.928	8078787.52	15.0728	A	0.5
6	☐	5000.000	4987.236	15932034.07	30.8462	A	0.5
7	☐	10000.000	10022.773	31849071.19	61.9905	A	0.5
8	☐			19222.37	0.0354	P	4.1

$$y = 0.0062 * x + 6.7524E-004$$

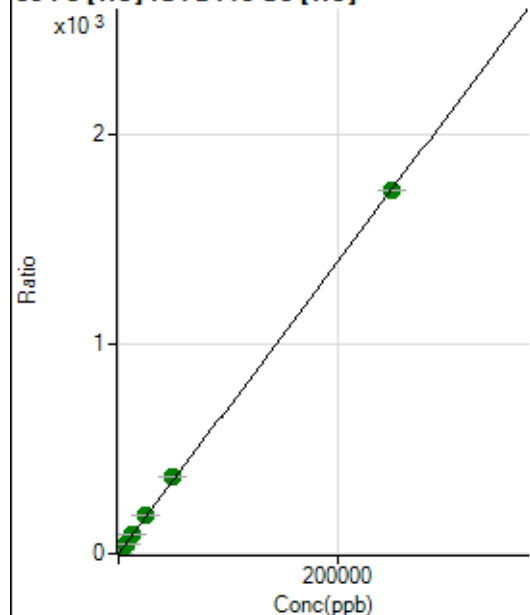
$$R = 1.0000$$

$$DL = 0.04836$$

$$BEC = 0.1092$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25986.91	0.0435	P	1.8
2	☐	50.000	57.648	265223.88	0.4428	P	0.6
3	☐	2500.000	2575.683	10603736.72	17.8851	A	0.7
4	☐	6250.000	6539.083	24885634.35	45.3393	A	0.4
5	☐	12500.000	12781.815	47479160.96	88.5822	A	0.6
6	☐	25000.000	26200.705	93761636.38	181.5338	A	0.6
7	☐	50000.000	52349.103	186328195.0	362.6618	A	0.2
8	☐	250000.00	249388.03	939227194.9	1,727.535	A	0.0

$$y = 0.0069 * x + 0.0435$$

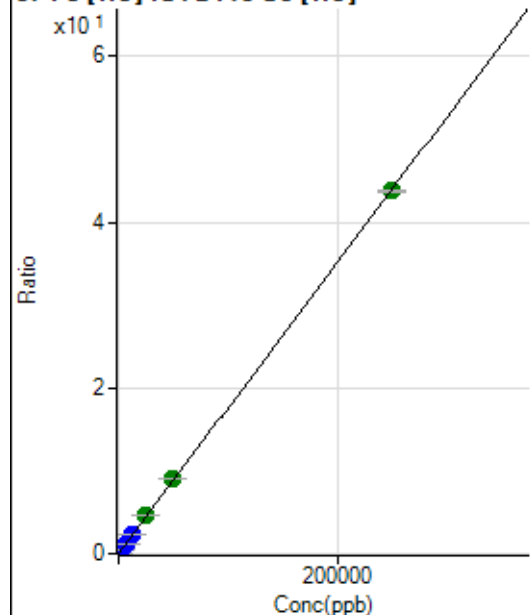
$$R = 0.9999$$

$$DL = 0.3329$$

$$BEC = 6.282$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1792.35	0.0030	P	12.2
2	☐	50.000	59.903	8087.79	0.0135	P	0.9
3	☐	2500.000	2624.757	274653.91	0.4633	P	1.1
4	☐	6250.000	6653.078	641983.71	1.1697	P	0.3
5	☐	12500.000	12992.892	1222781.68	2.2814	P	0.5
6	☐	25000.000	25946.790	2351479.08	4.5529	A	0.9
7	☐	50000.000	51841.090	4672116.39	9.0937	A	0.7
8	☐	250000.00	249501.13	23788436.59	43.7546	A	0.6

$$y = 1.7536E-004 * x + 0.0030$$

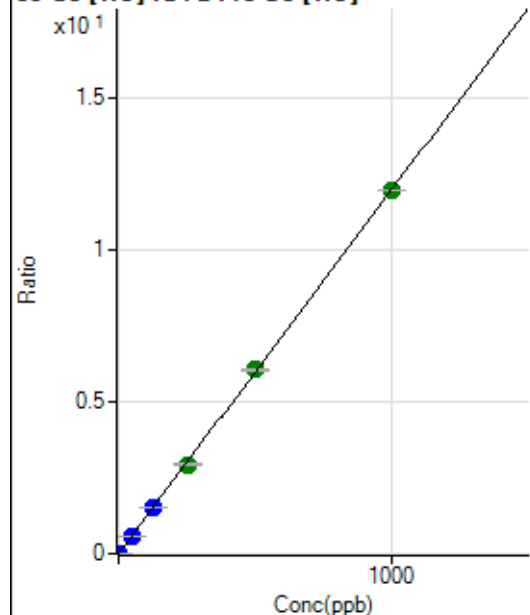
R = 1.0000

DL = 6.247

BEC = 17.11

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	215.56	0.0004	P	3.4
2	☐	1.000	1.142	8397.99	0.0140	P	3.8
3	☐	50.000	49.844	353770.07	0.5967	P	1.0
4	☐	125.000	125.463	824097.72	1.5014	P	0.3
5	☐	250.000	245.763	1576206.02	2.9407	A	0.2
6	☐	500.000	506.773	3131642.59	6.0635	A	0.9
7	☐	1000.000	997.622	6132564.22	11.9362	A	0.0
8	☐			18611.64	0.0342	P	0.5

$$y = 0.0120 * x + 3.6087E-004$$

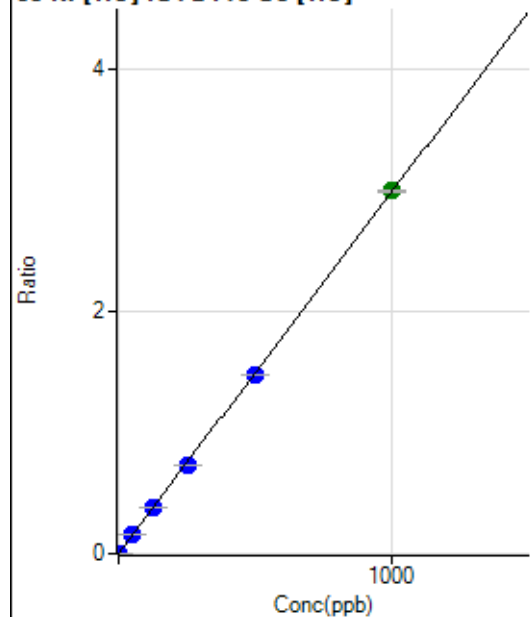
R = 1.0000

DL = 0.003085

BEC = 0.03016

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1064.49	0.0018	P	4.9
2	☐	1.000	1.148	3120.36	0.0052	P	5.1
3	☐	50.000	50.675	90793.58	0.1531	P	0.7
4	☐	125.000	126.879	208982.88	0.3808	P	0.4
5	☐	250.000	245.908	394630.89	0.7363	P	0.6
6	☐	500.000	493.623	762406.30	1.4762	P	0.6
7	☐	1000.000	1003.943	1541559.96	3.0004	A	0.7
8	☐			8579.17	0.0158	P	1.0

$$y = 0.0030 * x + 0.0018$$

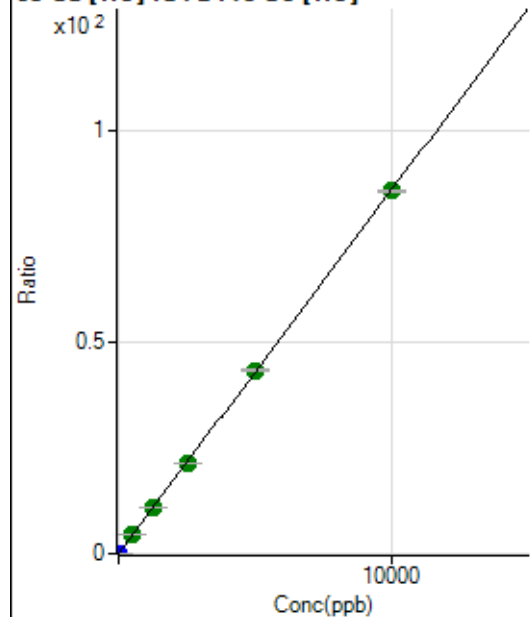
$$R = 1.0000$$

$$DL = 0.08758$$

$$BEC = 0.5966$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2154.62	0.0036	P	2.7
2	☐	2.000	2.018	12568.70	0.0210	P	1.7
3	☐	500.000	510.668	2609365.97	4.4013	A	1.0
4	☐	1250.000	1282.014	6061815.26	11.0439	A	0.6
5	☐	2500.000	2493.087	11509428.86	21.4733	A	0.2
6	☐	5000.000	5042.970	22432290.22	43.4321	A	0.9
7	☐	10000.000	9975.708	44139091.56	85.9114	A	0.4
8	☐			15271.21	0.0281	P	5.6

$$y = 0.0086 * x + 0.0036$$

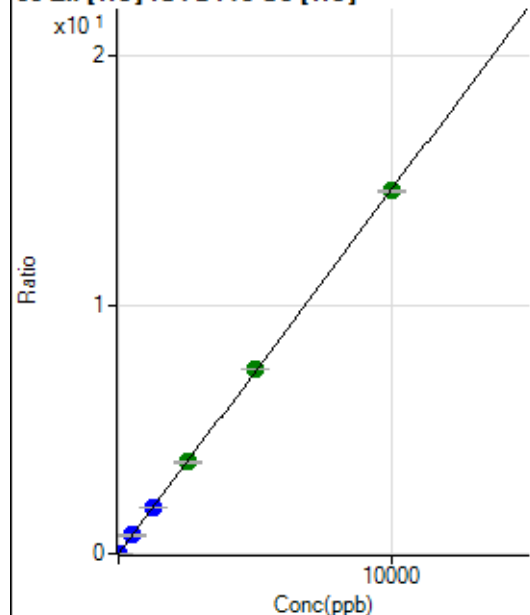
$$R = 1.0000$$

$$DL = 0.03332$$

$$BEC = 0.4189$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	435.57	0.0007	P	2.2
2	☐	5.000	5.481	5239.86	0.0087	P	3.6
3	☐	500.000	503.463	437181.00	0.7374	P	0.9
4	☐	1250.000	1276.281	1025378.29	1.8682	P	0.7
5	☐	2500.000	2511.302	1969935.13	3.6753	A	0.6
6	☐	5000.000	5056.698	3821897.27	7.3997	A	0.1
7	☐	10000.000	9965.367	7491888.78	14.5822	A	0.8
8	☐			12317.41	0.0227	P	1.7

$$y = 0.0015 * x + 7.2926E-004$$

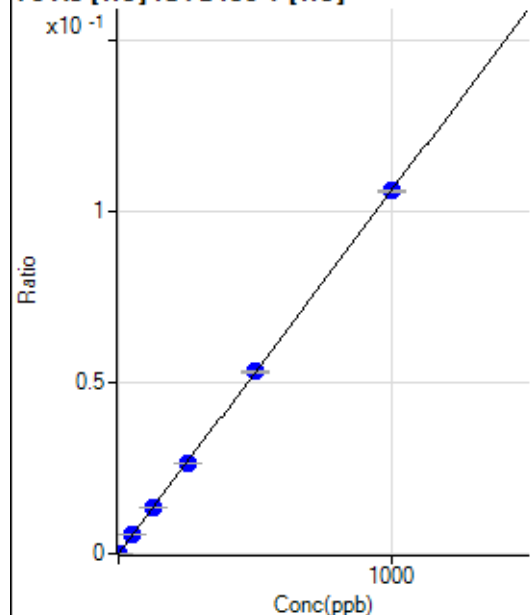
$$R = 1.0000$$

$$DL = 0.03312$$

$$BEC = 0.4984$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-13.51	0.0000	P	-43.
2	☐	1.000	1.174	655.40	0.0001	P	6.2
3	☐	50.000	51.867	29246.62	0.0055	P	1.2
4	☐	125.000	126.755	67649.57	0.0134	P	2.3
5	☐	250.000	248.381	129679.84	0.0263	P	0.9
6	☐	500.000	501.100	254198.30	0.0531	P	0.2
7	☐	1000.000	999.542	506885.99	0.1059	P	0.5
8	☐			188.42	0.0000	P	2.8

$$y = 1.0592E-004 * x - 2.5397E-006$$

$$R = 1.0000$$

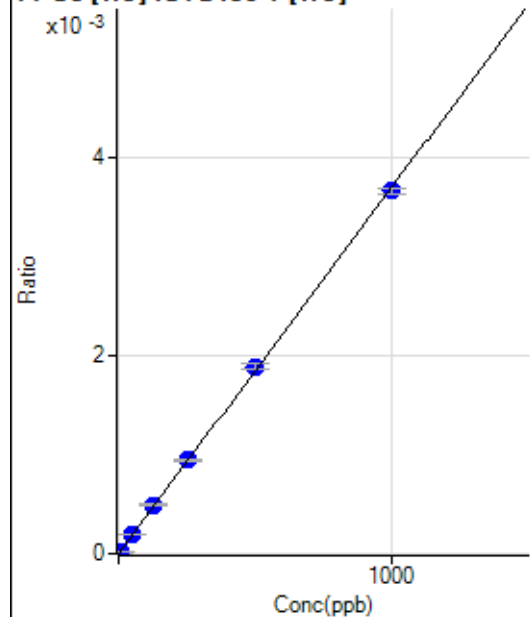
$$DL = 0.03109$$

$$BEC = -0.02398$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.698	94.44	0.0000	P	14.0
3	☐	50.000	53.587	1054.49	0.0002	P	3.2
4	☐	125.000	133.298	2480.23	0.0005	P	2.8
5	☐	250.000	256.843	4674.11	0.0009	P	2.0
6	☐	500.000	511.280	9039.49	0.0019	P	2.7
7	☐	1000.000	991.434	17519.36	0.0037	P	1.6
8	☐			2.22	0.0000	P	173.

$$y = 3.6907\text{E-}006 * x + 2.0985\text{E-}007$$

$$R = 0.9999$$

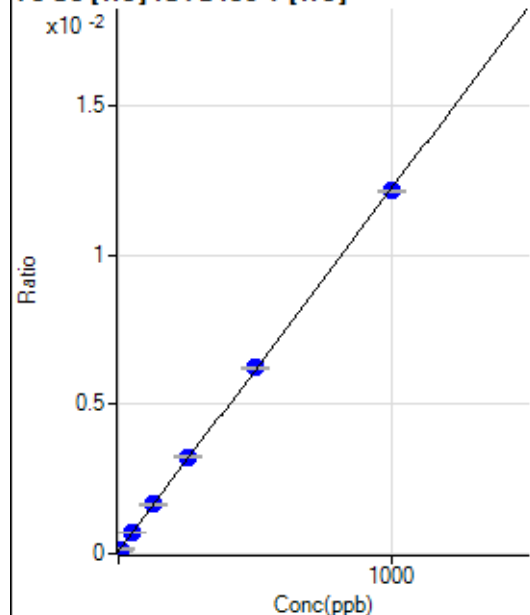
$$DL = 0.2954$$

$$BEC = 0.05686$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	450.01	0.0001	P	6.5
2	☐	5.000	6.221	861.15	0.0002	P	3.4
3	☐	50.000	51.696	3797.19	0.0007	P	4.4
4	☐	125.000	128.882	8317.96	0.0017	P	3.1
5	☐	250.000	259.370	15956.47	0.0032	P	1.3
6	☐	500.000	506.728	29901.29	0.0062	P	1.3
7	☐	1000.000	993.717	58231.66	0.0122	P	0.7
8	☐			447.79	0.0001	P	9.7

$$y = 1.2154\text{E-}005 * x + 8.4514\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.346$$

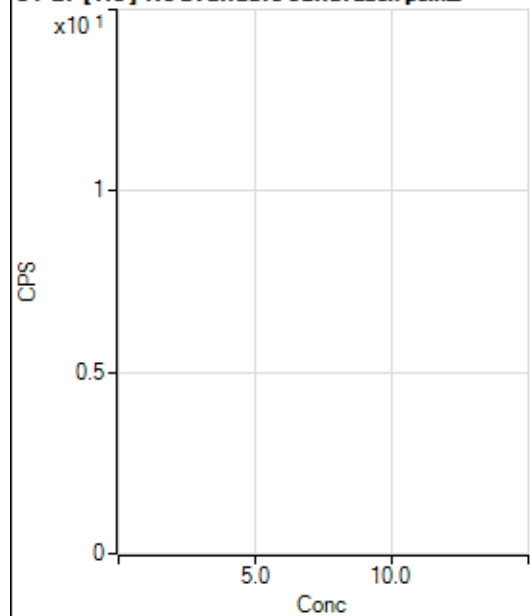
$$BEC = 6.954$$

Weight: <None>

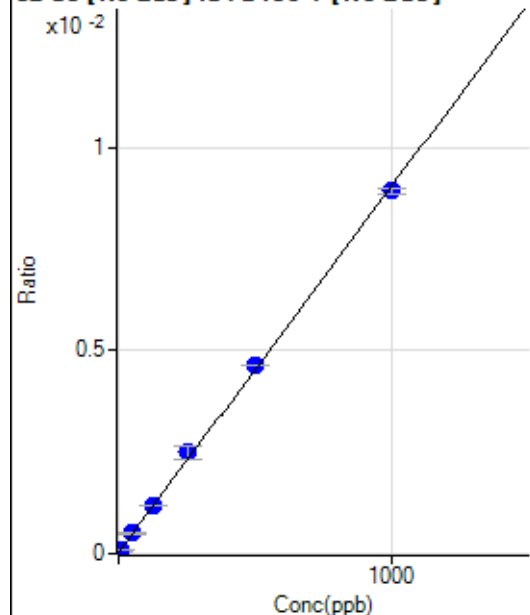
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15141.19		P	1.0
2	☐			14674.07		P	0.9
3	☐			14608.44		P	2.6
4	☐			14011.22		P	2.7
5	☐			13274.94		P	2.4
6	☐			12999.15		P	3.1
7	☐			12209.57		P	2.9
8	☐			13009.16		P	0.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			147.78		P	16.0
2	☐			134.45		P	20.6
3	☐			107.78		P	7.1
4	☐			96.67		P	21.0
5	☐			82.22		P	39.4
6	☐			100.00		P	28.9
7	☐			91.11		P	15.2
8	☐			105.56		P	17.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	517.47	0.0000	P	9.4
2	☐	5.000	5.607	1409.76	0.0001	P	4.2
3	☐	50.000	52.253	8924.70	0.0005	P	2.1
4	☐	125.000	129.727	20553.03	0.0012	P	0.5
5	☐	250.000	272.790	38814.60	0.0025	P	13.8
6	☐	500.000	511.685	75186.22	0.0046	P	0.9
7	☐	1000.000	987.753	143285.49	0.0089	P	1.8
8	☐			600.64	0.0000	P	5.0

$$y = 9.0026\text{E-}006 * x + 2.9441\text{E-}005$$

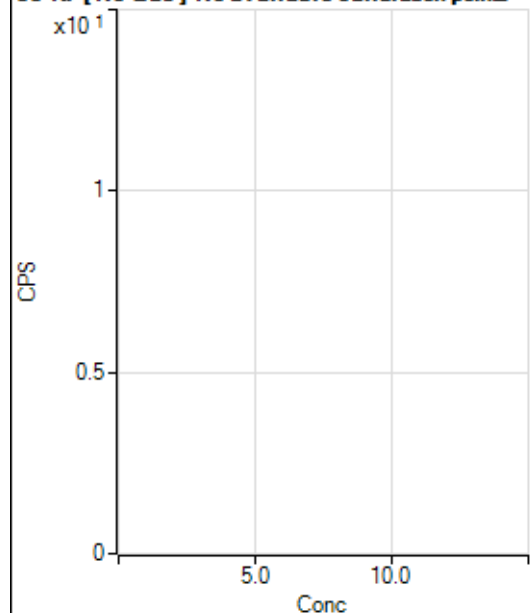
$$R = 0.9996$$

$$DL = 0.9214$$

$$BEC = 3.27$$

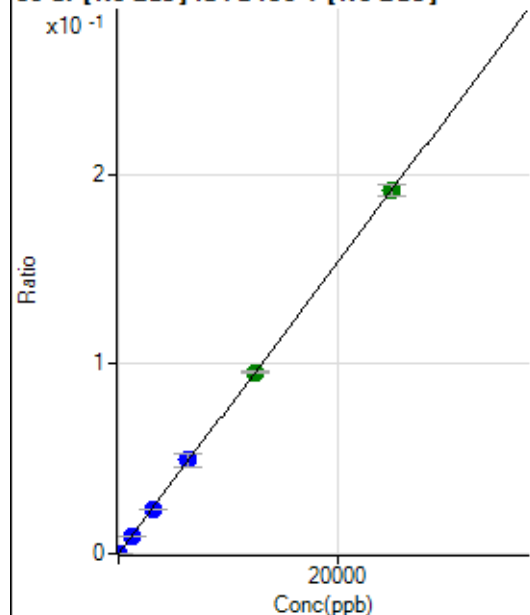
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			175.56		P	16.1
2	☐			172.22		P	15.5
3	☐			171.12		P	19.5
4	☐			176.67		P	39.0
5	☐			172.22		P	14.8
6	☐			172.23		P	11.0
7	☐			181.11		P	15.9
8	☐			172.23		P	4.5

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	325.56	0.0000	P	4.2
2	☐	1.000	27.182	4001.69	0.0002	P	1.9
3	☐	1250.000	1223.528	167771.51	0.0094	P	2.5
4	☐	3125.000	3042.428	400627.07	0.0233	P	1.1
5	☐	6250.000	6435.058	770945.91	0.0493	P	13.3
6	☐	12500.000	12469.671	1550471.02	0.0956	A	0.8
7	☐	25000.000	24980.544	3075377.49	0.1915	A	3.1
8	☐			9703.28	0.0006	P	2.4

$$y = 7.6652\text{E-}006 * x + 1.8528\text{E-}005$$

$$R = 1.0000$$

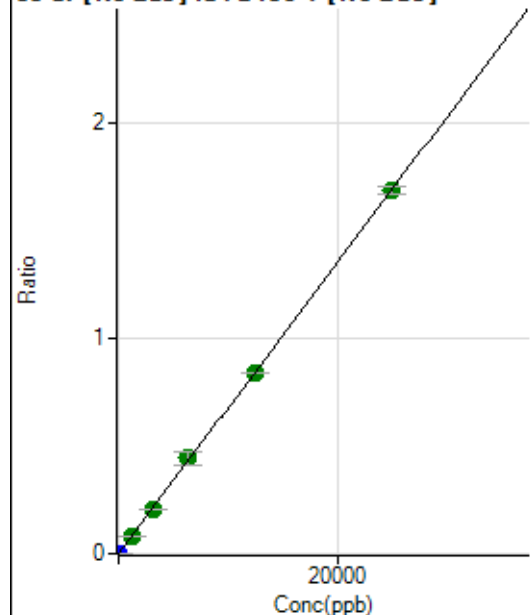
$$DL = 0.3066$$

$$BEC = 2.417$$

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	235.56	0.0000	P	26.1
2	☐	1.000	27.047	32504.78	0.0018	P	0.7
3	☐	1250.000	1237.089	1494346.14	0.0837	A	2.2
4	☐	3125.000	3089.418	3587708.31	0.2090	A	0.4
5	☐	6250.000	6588.576	6957403.23	0.4457	A	14.4
6	☐	12500.000	12432.559	13640020.49	0.8410	A	0.3
7	☐	25000.000	24954.169	27110188.49	1.6880	A	2.0
8	☐			84287.38	0.0053	P	1.0

$$y = 6.7645\text{E-}005 * x + 1.3419\text{E-}005$$

$$R = 0.9999$$

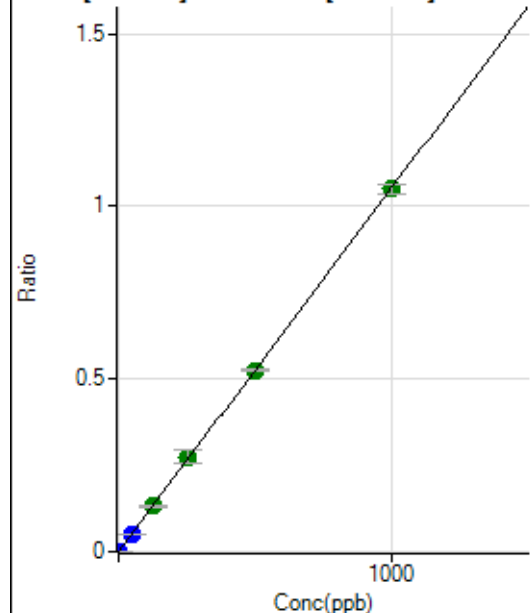
$$DL = 0.155$$

$$BEC = 0.1984$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	708.91	0.0000	P	6.0
2	☐	1.000	1.024	19728.89	0.0011	P	2.4
3	☐	50.000	49.122	924293.00	0.0518	P	2.9
4	☐	125.000	124.620	2253486.30	0.1313	A	1.7
5	☐	250.000	261.583	4305383.34	0.2755	A	13.2
6	☐	500.000	498.775	8520281.61	0.5253	A	0.4
7	☐	1000.000	997.808	16877067.52	1.0509	A	2.7
8	☐			13575.24	0.0009	P	4.8

$$y = 0.0011 * x + 4.0350E-005$$

$$R = 0.9999$$

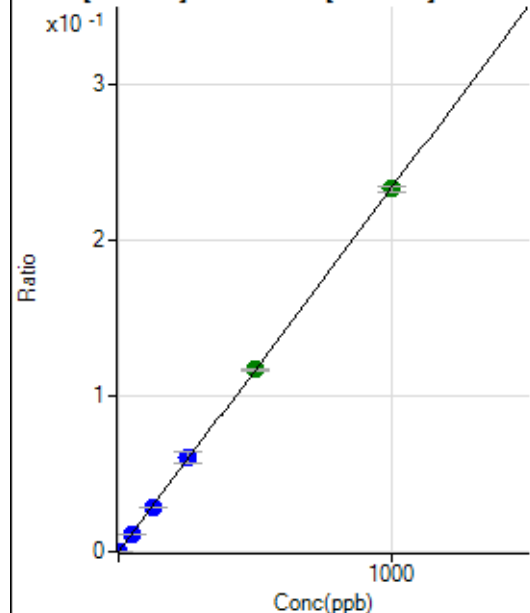
$$DL = 0.006935$$

$$BEC = 0.03831$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	131.11	0.0000	P	14.8
2	☐	1.000	1.057	4480.73	0.0003	P	5.5
3	☐	50.000	49.235	205275.34	0.0115	P	2.7
4	☐	125.000	122.914	492532.85	0.0287	P	1.2
5	☐	250.000	259.149	944987.33	0.0605	P	13.4
6	☐	500.000	500.440	1894371.19	0.1168	A	0.6
7	☐	1000.000	997.792	3740032.31	0.2329	A	1.8
8	☐			2965.89	0.0002	P	3.6

$$y = 2.3338E-004 * x + 7.4641E-006$$

$$R = 0.9999$$

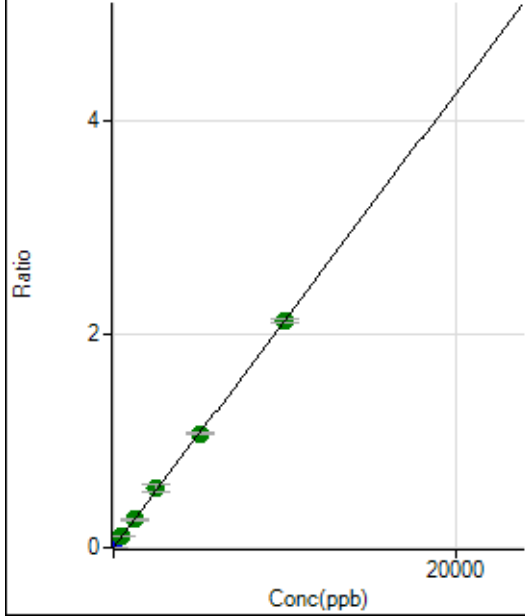
$$DL = 0.01418$$

$$BEC = 0.03198$$

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	427.79	0.0000	P	3.7
2	☐	5.000	6.187	23722.61	0.0013	P	0.3
3	☐	500.000	499.547	1904506.69	0.1067	A	1.7
4	☐	1250.000	1226.530	4494949.38	0.2619	A	0.7
5	☐	2500.000	2641.123	8810835.35	0.5638	A	13.1
6	☐	5000.000	5010.238	17346910.44	1.0696	A	0.5
7	☐	10000.000	9962.556	34155530.88	2.1268	A	2.0
8	☐			14883.45	0.0009	P	9.9

$$y = 2.1347\text{E-}004 * x + 2.4344\text{E-}005$$

$$R = 0.9999$$

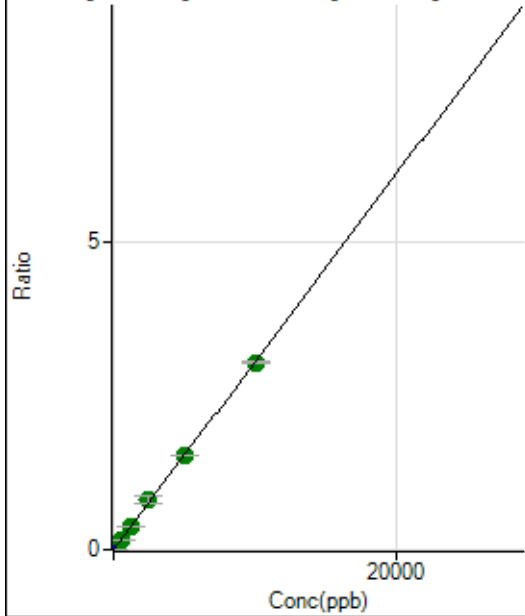
$$DL = 0.01249$$

$$BEC = 0.114$$

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	450.01	0.0000	P	5.9
2	☐	5.000	5.267	28846.29	0.0016	P	1.2
3	☐	500.000	499.960	2728754.68	0.1528	A	2.9
4	☐	1250.000	1231.301	6461303.93	0.3764	A	0.3
5	☐	2500.000	2645.920	12634340.64	0.8088	A	13.6
6	☐	5000.000	4977.865	24678286.02	1.5216	A	0.5
7	☐	10000.000	9976.927	48978328.72	3.0497	A	1.9
8	☐			16084.59	0.0010	P	11.1

$$y = 3.0567\text{E-}004 * x + 2.5612\text{E-}005$$

$$R = 0.9999$$

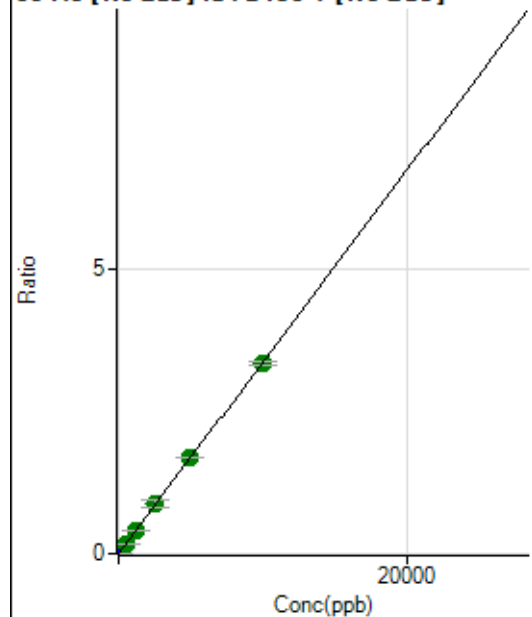
$$DL = 0.01483$$

$$BEC = 0.08379$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	487.79	0.0000	P	3.3
2	☐	5.000	5.334	32162.00	0.0018	P	1.3
3	☐	500.000	495.831	2980534.02	0.1669	A	2.3
4	☐	1250.000	1237.216	7149794.62	0.4165	A	0.4
5	☐	2500.000	2641.716	13883167.71	0.8893	A	14.3
6	☐	5000.000	4993.901	27265560.43	1.6811	A	0.4
7	☐	10000.000	9969.427	53898144.75	3.3560	A	1.8
8	☐			27028.49	0.0017	P	8.2

$$y = 3.3663\text{E-}004 * x + 2.7761\text{E-}005$$

$$R = 0.9999$$

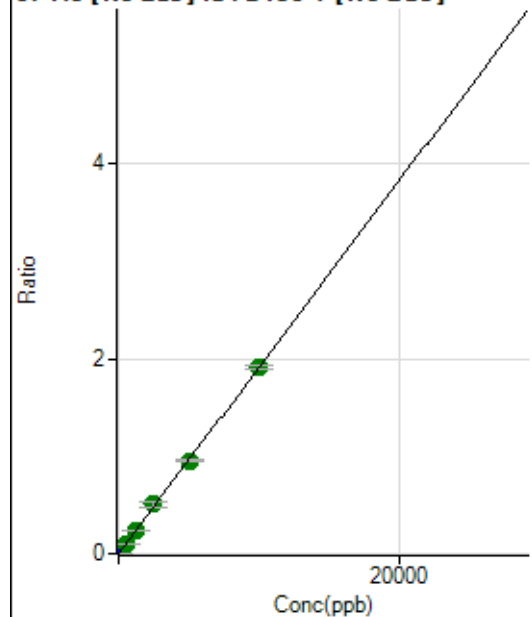
$$DL = 0.008231$$

$$BEC = 0.08247$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	270.01	0.0000	P	7.9
2	☐	5.000	5.342	18279.32	0.0010	P	2.3
3	☐	500.000	496.137	1693365.42	0.0948	A	2.6
4	☐	1250.000	1236.552	4057538.73	0.2364	A	1.4
5	☐	2500.000	2648.974	7907553.15	0.5064	A	13.9
6	☐	5000.000	4994.625	15483731.58	0.9547	A	0.6
7	☐	10000.000	9967.318	30597842.88	1.9052	A	1.8
8	☐			10353.79	0.0007	P	12.9

$$y = 1.9114\text{E-}004 * x + 1.5369\text{E-}005$$

$$R = 0.9999$$

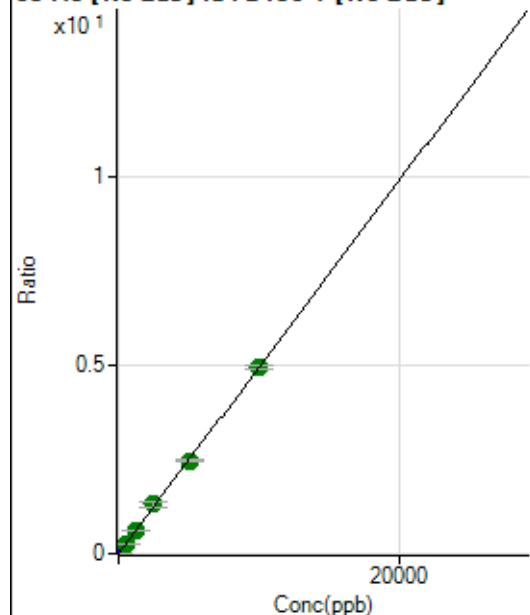
$$DL = 0.01916$$

$$BEC = 0.08041$$

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	644.47	0.0000	P	5.7
2	☐	5.000	5.301	46903.94	0.0027	P	0.5
3	☐	500.000	495.975	4382180.77	0.2454	A	2.3
4	☐	1250.000	1235.971	10498082.90	0.6116	A	1.0
5	☐	2500.000	2628.581	20310736.36	1.3006	A	13.9
6	☐	5000.000	4977.530	39943658.57	2.4629	A	0.6
7	☐	10000.000	9981.044	79314556.04	4.9386	A	1.8
8	☐			25391.21	0.0016	P	12.3

$$y = 4.9479\text{E-}004 * x + 3.6669\text{E-}005$$

$$R = 0.9999$$

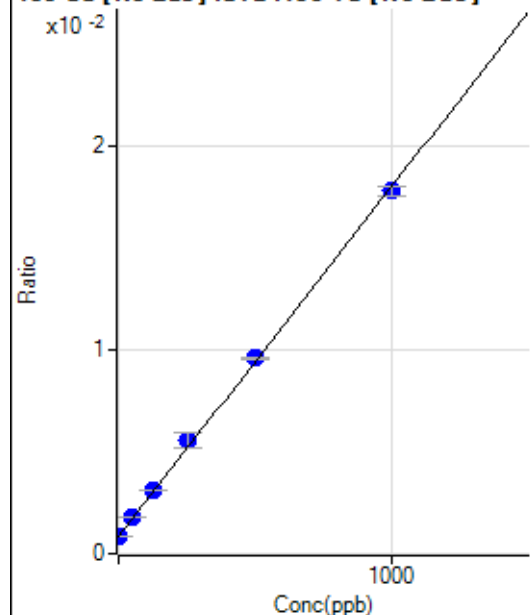
$$DL = 0.01259$$

$$BEC = 0.07411$$

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	12898.04	0.0009	P	2.0
2	☐	1.000	-0.281	12930.29	0.0008	P	3.7
3	☐	50.000	53.118	27768.72	0.0018	P	1.0
4	☐	125.000	131.275	48540.78	0.0031	P	1.4
5	☐	250.000	274.812	80251.04	0.0056	P	12.2
6	☐	500.000	509.495	147165.28	0.0096	P	0.4
7	☐	1000.000	988.110	271849.16	0.0178	P	2.7
8	☐			11403.45	0.0008	P	0.8

$$y = 1.7169\text{E-}005 * x + 8.5133\text{E-}004$$

$$R = 0.9996$$

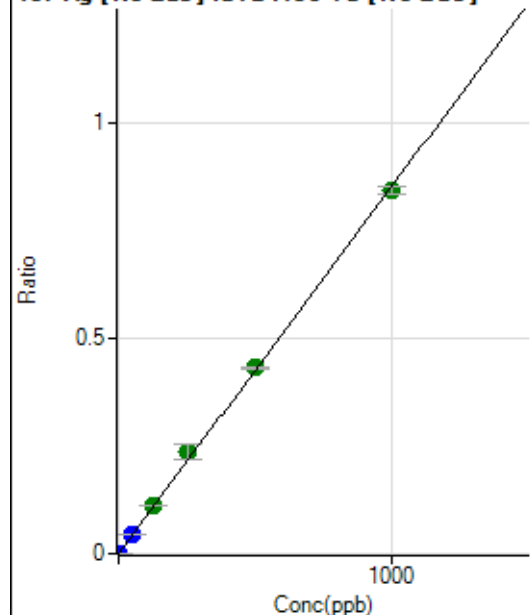
$$DL = 2.932$$

$$BEC = 49.59$$

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	101.54	0.0000	P	21.3
2	☐	1.000	1.139	14905.61	0.0010	P	2.3
3	☐	50.000	54.329	727900.99	0.0462	P	2.4
4	☐	125.000	130.390	1734073.09	0.1109	A	1.7
5	☐	250.000	276.930	3389255.48	0.2356	A	14.2
6	☐	500.000	507.048	6613580.07	0.4314	A	0.8
7	☐	1000.000	988.853	12836828.99	0.8412	A	2.2
8	☐			4045.63	0.0003	P	11.7

$$y = 8.5072\text{E-}004 * x + 6.7067\text{E-}006$$

$$R = 0.9996$$

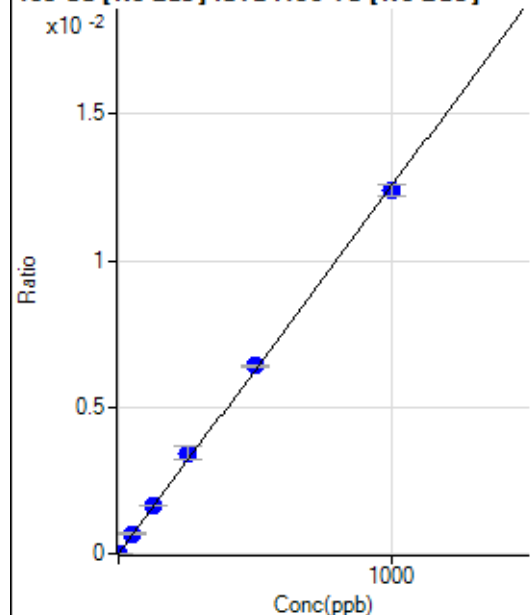
$$DL = 0.005036$$

$$BEC = 0.007884$$

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	27.78	0.0000	P	45.2
2	☐	1.000	1.063	231.12	0.0000	P	14.5
3	☐	50.000	54.789	10839.69	0.0007	P	2.5
4	☐	125.000	130.630	25616.07	0.0016	P	2.7
5	☐	250.000	274.555	49535.29	0.0034	P	13.8
6	☐	500.000	511.077	98216.11	0.0064	P	0.6
7	☐	1000.000	987.379	188813.34	0.0124	P	3.1
8	☐			156.67	0.0000	P	10.9

$$y = 1.2531\text{E-}005 * x + 1.8312\text{E-}006$$

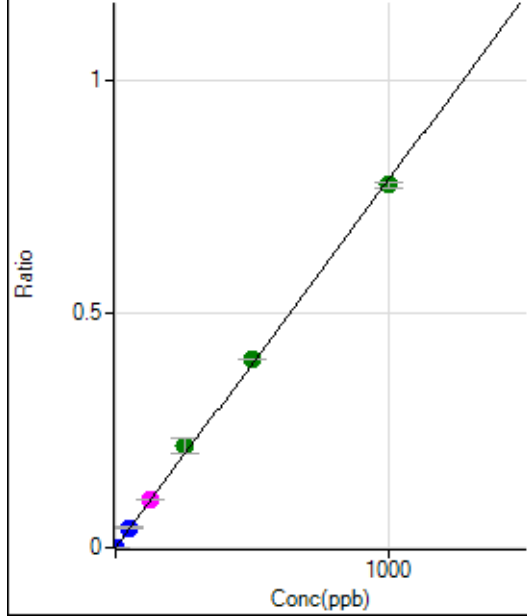
$$R = 0.9996$$

$$DL = 0.1984$$

$$BEC = 0.1461$$

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	37.78	0.0000	P	37.2
2	☐	1.000	1.157	13943.48	0.0009	P	1.3
3	☐	50.000	54.527	675144.02	0.0429	P	2.3
4	☐	125.000	131.348	1614540.13	0.1033	M	1.6
5	☐	250.000	277.497	3138347.45	0.2182	A	14.3
6	☐	500.000	511.072	6160960.81	0.4018	A	0.4
7	☐	1000.000	986.570	11837468.58	0.7757	A	1.6
8	☐			4125.46	0.0003	P	26.1

$$y = 7.8627\text{E-}004 * x + 2.4964\text{E-}006$$

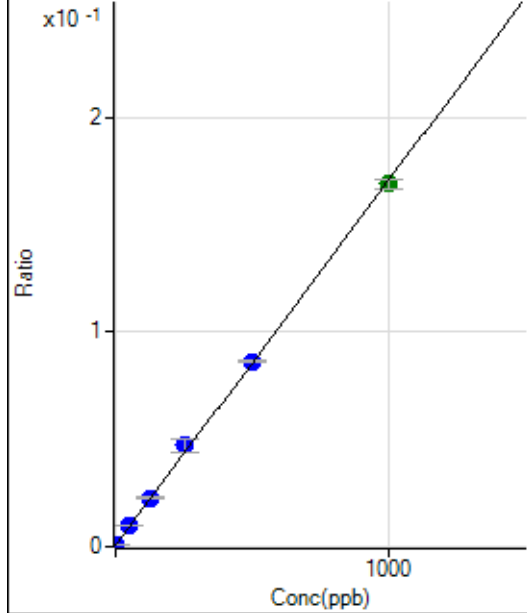
$$R = 0.9995$$

$$DL = 0.003546$$

$$BEC = 0.003175$$

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	9018.07	0.0006	P	2.0
2	☐	1.000	1.124	12008.68	0.0008	P	3.4
3	☐	50.000	53.904	153592.15	0.0098	P	2.1
4	☐	125.000	130.123	354899.05	0.0227	P	1.7
5	☐	250.000	274.296	679251.66	0.0472	P	13.7
6	☐	500.000	504.790	1324053.92	0.0864	P	0.5
7	☐	1000.000	990.696	2577475.40	0.1689	A	2.7
8	☐			8947.39	0.0006	P	6.0

$$y = 1.6990\text{E-}004 * x + 5.9523\text{E-}004$$

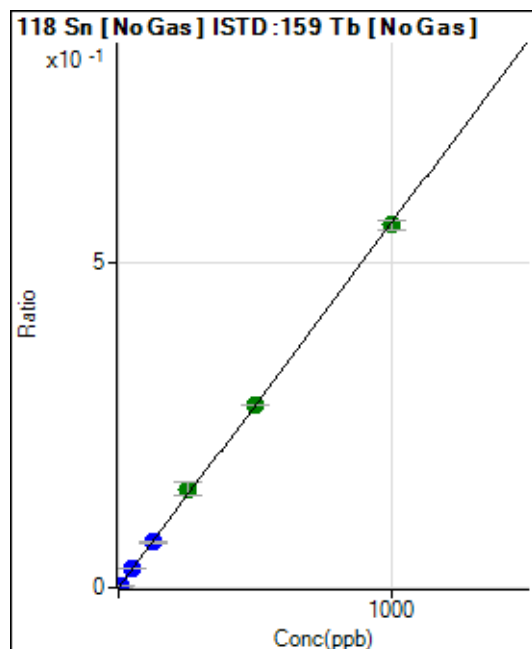
$$R = 0.9997$$

$$DL = 0.2151$$

$$BEC = 3.503$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1082.28	0.0001	P	2.1
2	☐	5.000	5.651	49513.65	0.0032	P	2.4
3	☐	50.000	51.437	455406.26	0.0289	P	1.9
4	☐	125.000	124.270	1090626.19	0.0698	P	1.6
5	☐	250.000	270.476	2183516.89	0.1518	A	14.0
6	☐	500.000	500.657	4306188.79	0.2809	A	0.5
7	☐	1000.000	994.569	8512793.69	0.5579	A	2.3
8	☐			5120.17	0.0003	P	29.6

$$y = 5.6085\text{E-}004 * x + 7.1427\text{E-}005$$

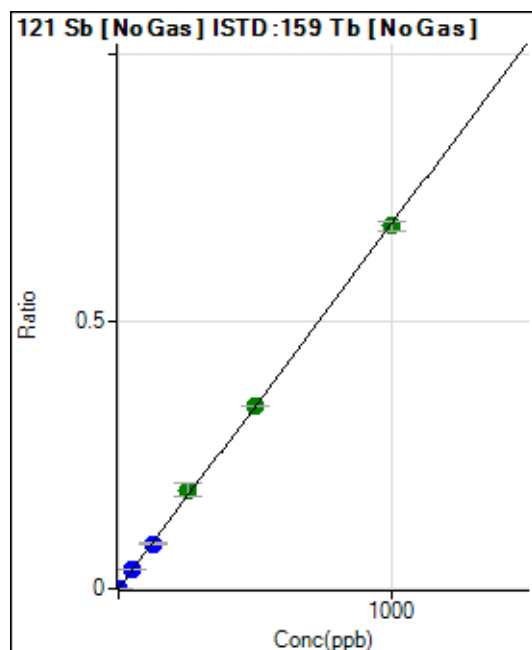
$$R = 0.9998$$

$$DL = 0.008073$$

$$BEC = 0.1274$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	38.8
2	☐	2.000	2.244	23436.92	0.0015	P	1.8
3	☐	50.000	50.881	546660.59	0.0347	P	2.3
4	☐	125.000	123.642	1318610.39	0.0844	P	1.9
5	☐	250.000	269.693	2647792.74	0.1840	A	13.8
6	☐	500.000	501.175	5242261.10	0.3419	A	0.7
7	☐	1000.000	994.614	10353968.04	0.6786	A	2.8
8	☐			10982.29	0.0007	P	17.4

$$y = 6.8223\text{E-}004 * x + 2.7858\text{E-}006$$

$$R = 0.9998$$

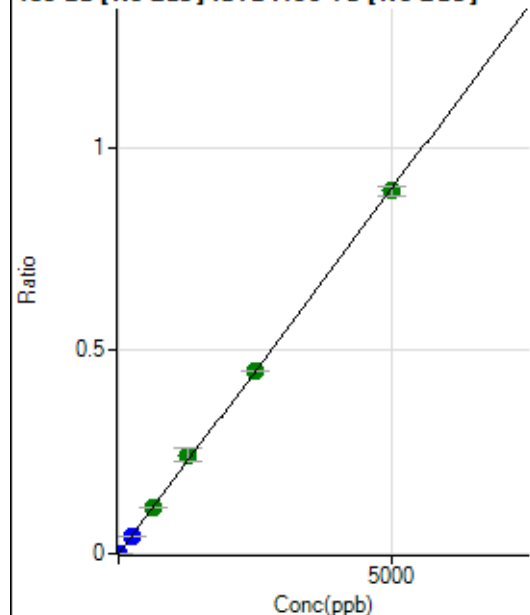
$$DL = 0.004757$$

$$BEC = 0.004083$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0000	P	12.4
2	☐	10.000	10.898	30002.75	0.0020	P	3.9
3	☐	250.000	247.966	701251.65	0.0445	P	1.9
4	☐	625.000	631.667	1773118.14	0.1134	A	1.8
5	☐	1250.000	1349.137	3486163.46	0.2423	A	13.8
6	☐	2500.000	2502.350	6888984.55	0.4493	A	0.6
7	☐	5000.000	4973.307	13626349.94	0.8930	A	2.6
8	☐			8901.15	0.0006	P	25.9

$$y = 1.7956\text{E-}004 * x + 7.2618\text{E-}006$$

$$R = 0.9998$$

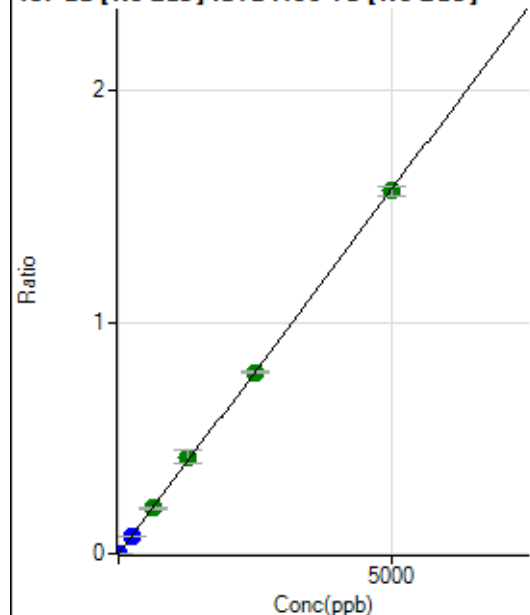
$$DL = 0.01501$$

$$BEC = 0.04044$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.00	0.0000	P	10.8
2	☐	10.000	10.761	51816.30	0.0034	P	3.6
3	☐	250.000	248.296	1228584.25	0.0780	P	1.9
4	☐	625.000	625.497	3071975.65	0.1965	A	2.1
5	☐	1250.000	1333.724	6029550.40	0.4190	A	13.9
6	☐	2500.000	2491.006	11998844.82	0.7826	A	0.5
7	☐	5000.000	4983.587	23890843.25	1.5657	A	2.9
8	☐			15653.27	0.0011	P	22.9

$$y = 3.1417\text{E-}004 * x + 1.1224\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01154$$

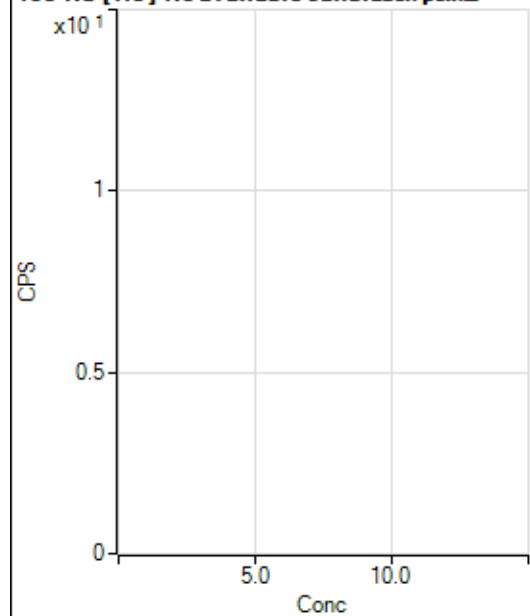
$$BEC = 0.03572$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			10.00		P	100.
3	☐			76.67		P	17.4
4	☐			125.56		P	8.5
5	☐			267.78		P	13.0
6	☐			494.46		P	3.7
7	☐			854.48		P	7.2
8	☐			218.89		P	7.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			10.00		P	33.3
3	☐			24.44		P	56.8
4	☐			52.22		P	13.3
5	☐			87.78		P	15.3
6	☐			147.78		P	22.6
7	☐			304.45		P	12.2
8	☐			137.78		P	17.5

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			12.22		P	41.7
3	☐			28.89		P	13.3
4	☐			74.44		P	6.8
5	☐			108.89		P	6.4
6	☐			217.78		P	15.7
7	☐			434.46		P	7.1
8	☐			401.12		P	8.5

156 Dy [He] No available calibration points

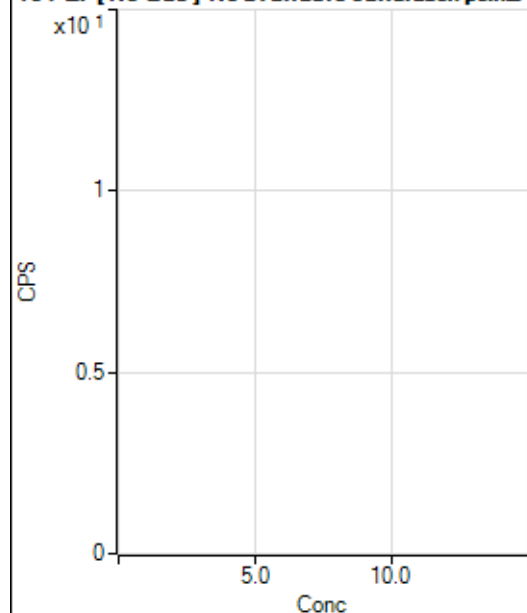
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	31.5
2	☐			10.00		P	57.8
3	☐			47.78		P	14.5
4	☐			122.22		P	21.9
5	☐			235.56		P	20.1
6	☐			427.79		P	6.3
7	☐			815.59		P	11.1
8	☐			330.01		P	10.5

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

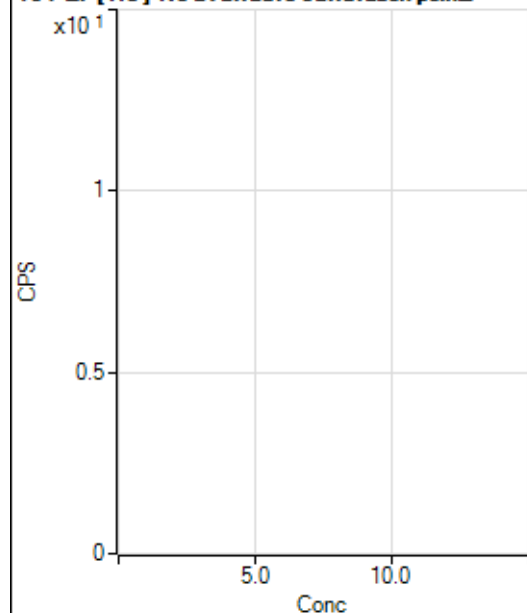
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	19.6
2	☐			92.22		P	18.2
3	☐			115.56		P	9.3
4	☐			114.45		P	13.1
5	☐			126.67		P	17.3
6	☐			166.67		P	10.6
7	☐			242.23		P	11.5
8	☐			461.12		P	8.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			627.80		P	1.7
2	☐			636.69		P	6.3
3	☐			695.58		P	1.8
4	☐			568.91		P	6.2
5	☐			632.24		P	6.9
6	☐			681.13		P	2.8
7	☐			676.69		P	5.4
8	☐			833.36		P	4.8

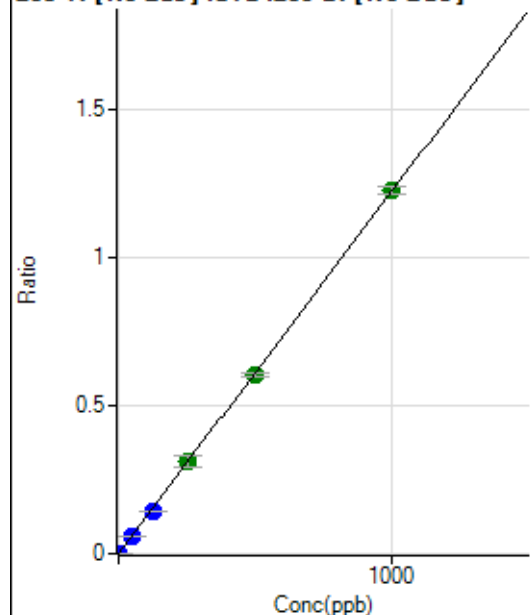
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.11		P	27.7
2	☐			76.67		P	18.9
3	☐			88.89		P	22.0
4	☐			105.55		P	20.1
5	☐			126.67		P	44.7
6	☐			220.00		P	4.5
7	☐			257.79		P	10.8
8	☐			478.90		P	4.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.66		P	44.6
2	☐			62.22		P	8.2
3	☐			63.33		P	27.8
4	☐			70.00		P	12.6
5	☐			87.78		P	20.9
6	☐			140.00		P	16.5
7	☐			202.23		P	4.1
8	☐			328.90		P	9.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	243.34	0.0000	P	7.3
2	☐	1.000	0.988	11963.12	0.0012	P	2.5
3	☐	50.000	47.088	573935.54	0.0577	P	1.8
4	☐	125.000	115.937	1413486.92	0.1419	P	2.6
5	☐	250.000	256.517	2932088.50	0.3140	A	12.2
6	☐	500.000	494.799	5941495.95	0.6056	A	2.6
7	☐	1000.000	1002.250	11781521.21	1.2267	A	2.0
8	☐			3471.84	0.0004	P	26.6

$$y = 0.0012 * x + 2.5242E-005$$

$$R = 0.9999$$

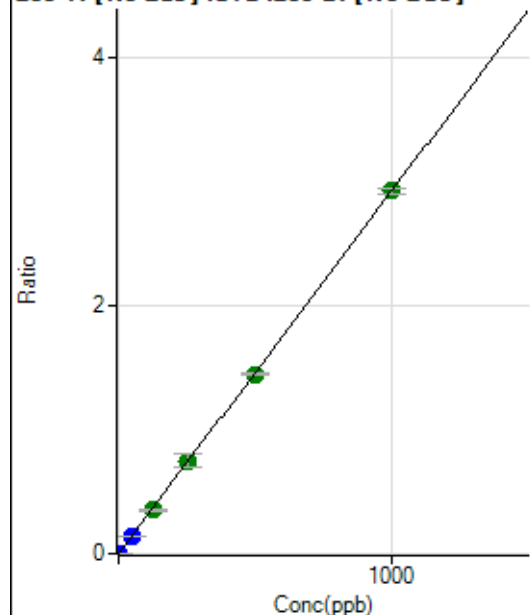
$$DL = 0.004515$$

$$BEC = 0.02062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	525.57	0.0001	P	6.0
2	☐	1.000	0.979	28188.12	0.0029	P	1.5
3	☐	50.000	46.454	1349392.62	0.1356	P	2.1
4	☐	125.000	120.076	3489126.16	0.3503	A	2.4
5	☐	250.000	256.698	6982827.54	0.7488	A	13.8
6	☐	500.000	495.834	14192003.96	1.4464	A	0.9
7	☐	1000.000	1001.201	28051256.80	2.9205	A	1.3
8	☐			8180.63	0.0010	P	26.2

$$y = 0.0029 * x + 5.4519E-005$$

$$R = 0.9999$$

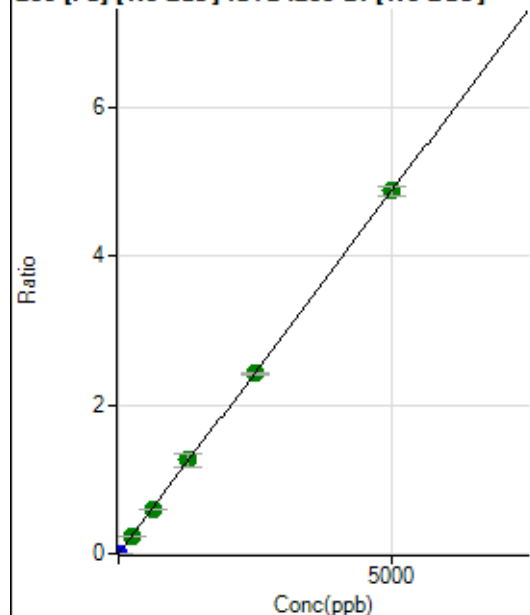
$$DL = 0.003378$$

$$BEC = 0.01869$$

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	661.13	0.0001	P	5.1
2	☐	1.000	0.998	10094.94	0.0010	P	1.8
3	☐	250.000	243.786	2365871.88	0.2377	A	1.8
4	☐	625.000	605.196	5875755.33	0.5899	A	2.3
5	☐	1250.000	1287.926	11705777.74	1.2553	A	13.8
6	☐	2500.000	2480.856	23725489.37	2.4180	A	1.1
7	☐	5000.000	5002.877	46831363.19	4.8760	A	2.4
8	☐			21920.81	0.0026	P	17.4

$$y = 9.7462\text{E-}004 * x + 6.8595\text{E-}005$$

$$R = 0.9999$$

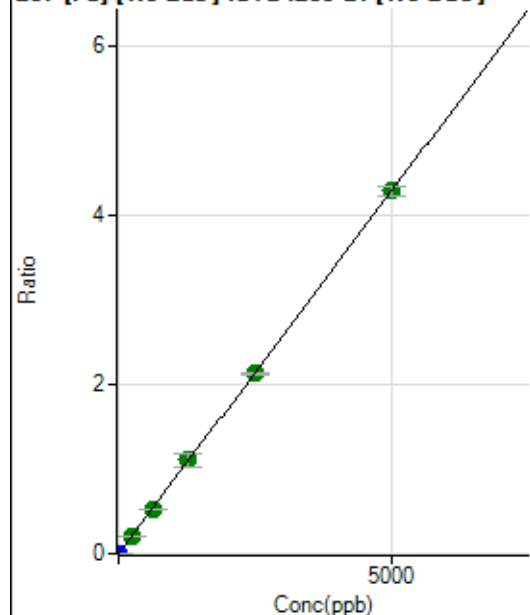
$$DL = 0.01072$$

$$BEC = 0.07038$$

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	542.24	0.0001	P	1.3
2	☐	1.000	0.983	8719.53	0.0009	P	2.6
3	☐	250.000	244.834	2092239.43	0.2102	A	2.0
4	☐	625.000	609.071	5207577.39	0.5228	A	1.4
5	☐	1250.000	1288.299	10308990.68	1.1057	A	14.0
6	☐	2500.000	2481.950	20902158.85	2.1302	A	0.6
7	☐	5000.000	5001.700	41230347.16	4.2927	A	2.6
8	☐			18776.59	0.0022	P	14.2

$$y = 8.5824\text{E-}004 * x + 5.6256\text{E-}005$$

$$R = 0.9999$$

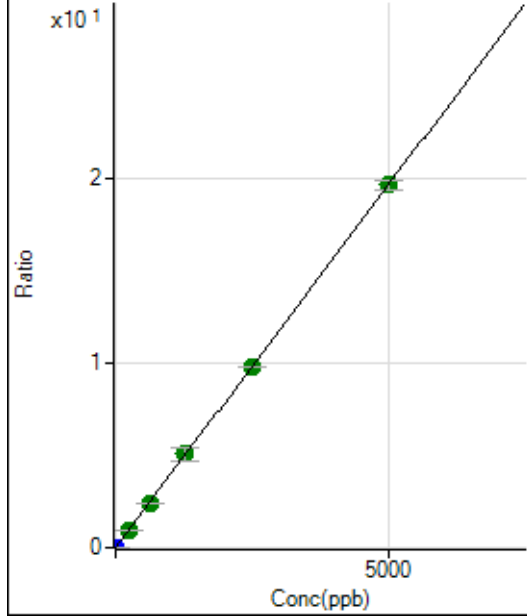
$$DL = 0.002475$$

$$BEC = 0.06555$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2546.78	0.0003	P	1.5
2	☐	1.000	1.004	40778.97	0.0042	P	1.2
3	☐	250.000	244.651	9572184.08	0.9616	A	2.0
4	☐	625.000	607.926	23797303.92	2.3890	A	1.6
5	☐	1250.000	1291.417	47322724.43	5.0748	A	13.8
6	☐	2500.000	2486.802	95889532.45	9.7719	A	0.5
7	☐	5000.000	4998.647	188651731.0	19.6420	A	2.7
8	☐			85674.42	0.0101	P	13.8

$$y = 0.0039 * x + 2.6423E-004$$

$$R = 0.9999$$

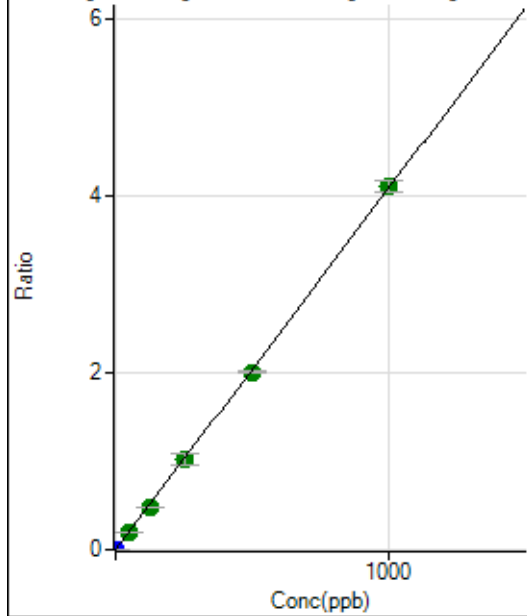
$$DL = 0.003041$$

$$BEC = 0.06724$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	11.2
2	☐	1.000	0.950	37687.60	0.0039	P	1.5
3	☐	50.000	46.560	1893732.87	0.1902	A	2.0
4	☐	125.000	116.837	4754460.59	0.4774	A	2.9
5	☐	250.000	252.200	9616485.83	1.0304	A	12.9
6	☐	500.000	491.869	19720151.51	2.0097	A	0.5
7	☐	1000.000	1004.708	39424445.52	4.1050	A	3.1
8	☐			9797.50	0.0012	P	21.6

$$y = 0.0041 * x + 5.5348E-006$$

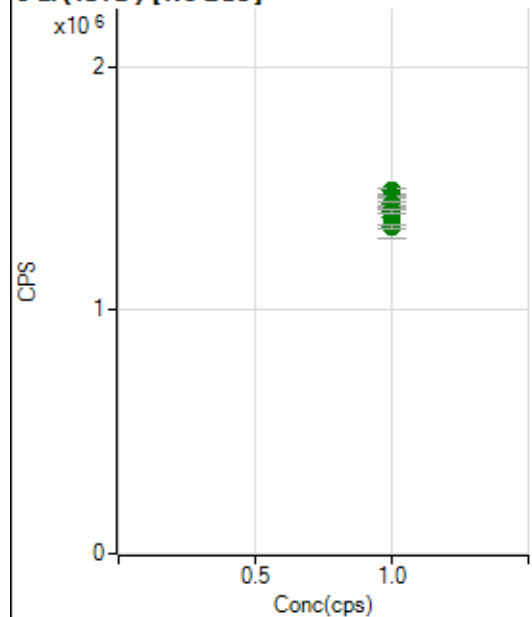
$$R = 0.9999$$

$$DL = 0.0004558$$

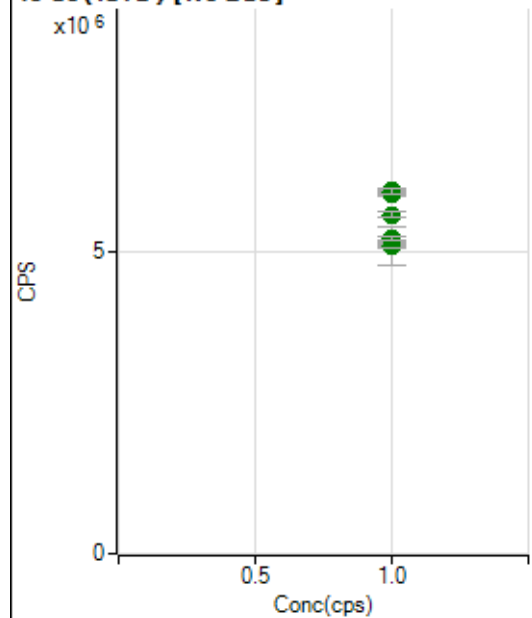
$$BEC = 0.001355$$

Weight: <None>

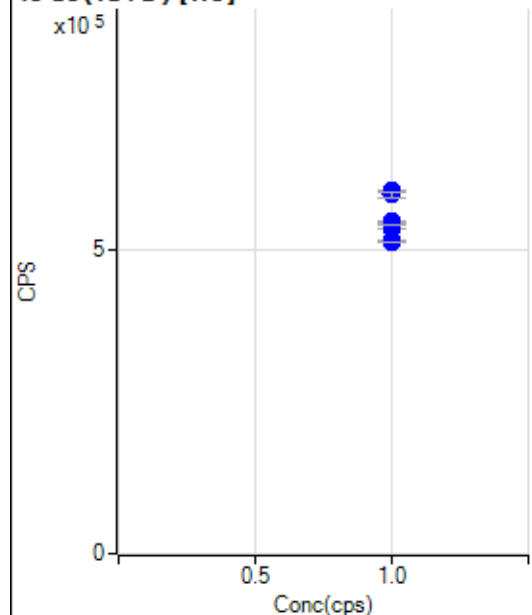
Min Conc: 0

6 Li (ISTD) [No Gas]

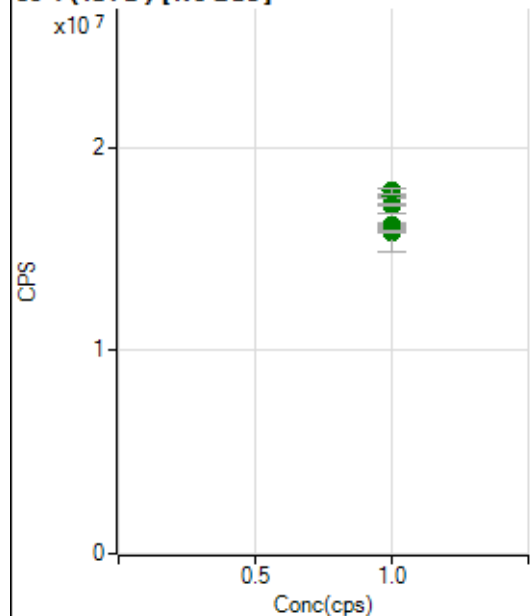
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1420526.40		A	1.0
2	☐	1.000		1416894.35		A	0.6
3	☐	1.000		1489681.70		A	1.3
4	☐	1.000		1468064.41		A	0.6
5	☐	1.000		1381395.25		A	12.4
6	☐	1.000		1435343.85		A	1.1
7	☐	1.000		1403526.84		A	0.9
8	☐	1.000		1343442.72		A	0.8

45 Sc (ISTD) [No Gas]

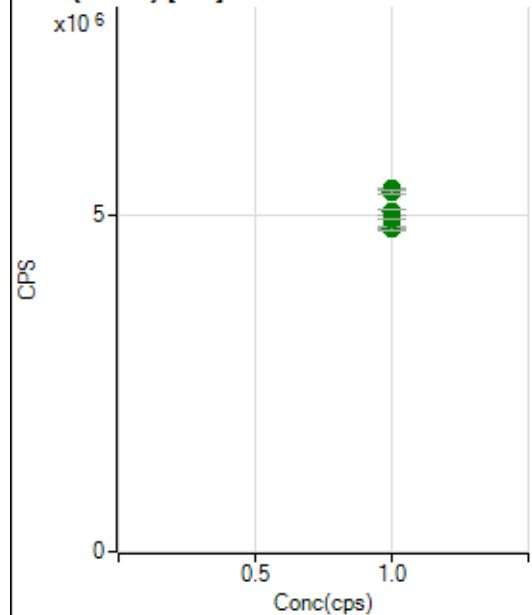
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5952750.12		A	0.7
2	☐	1.000		6001275.81		A	0.4
3	☐	1.000		5995875.75		A	2.1
4	☐	1.000		5612560.19		A	1.7
5	☐	1.000		5087095.90		A	12.6
6	☐	1.000		5103431.62		A	0.5
7	☐	1.000		5098507.98		A	1.8
8	☐	1.000		5205266.70		A	1.3

45 Sc (ISTD) [He]

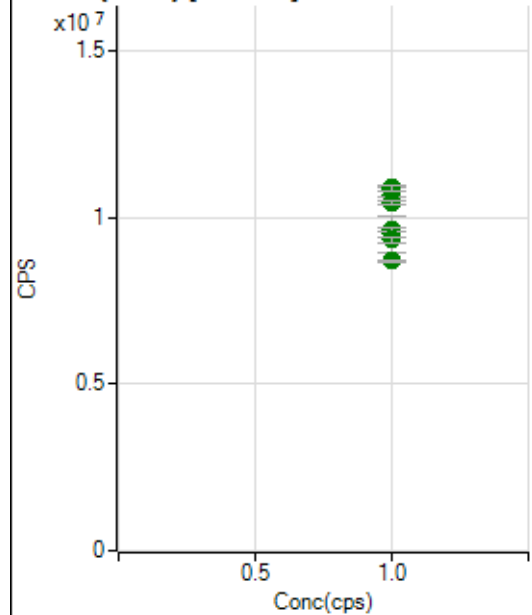
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		597269.25		P	0.5
2	☐	1.000		598928.36		P	0.4
3	☐	1.000		592918.80		P	1.5
4	☐	1.000		548869.22		P	0.7
5	☐	1.000		535988.36		P	0.3
6	☐	1.000		516488.67		P	0.6
7	☐	1.000		513778.79		P	0.3
8	☐	1.000		543680.03		P	0.3

89 Y (ISTD) [No Gas]

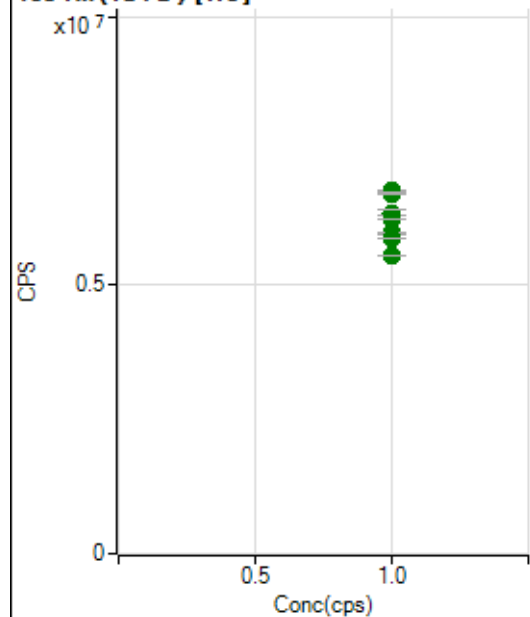
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17572463.49		A	0.6
2	☐	1.000		17637345.57		A	1.0
3	☐	1.000		17859139.74		A	1.9
4	☐	1.000		17166277.38		A	0.8
5	☐	1.000		15796469.07		A	12.3
6	☐	1.000		16218566.29		A	0.5
7	☐	1.000		16061583.37		A	0.8
8	☐	1.000		15873311.57		A	0.7

89 Y(ISTD) [He]

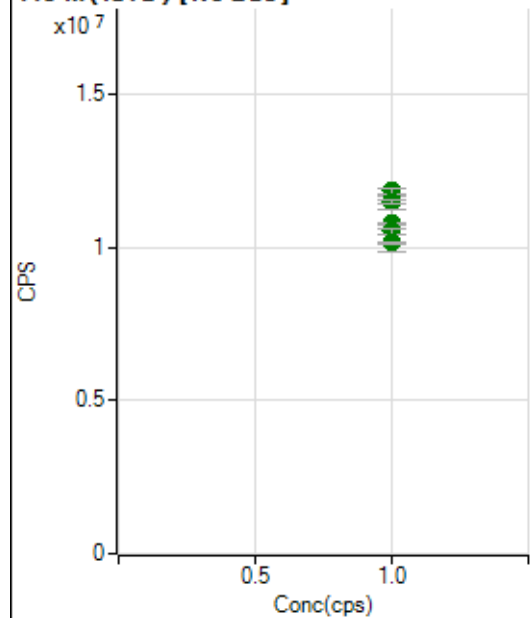
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5325705.79		A	0.8
2	☐	1.000		5378475.37		A	0.7
3	☐	1.000		5326102.35		A	0.7
4	☐	1.000		5039757.70		A	1.5
5	☐	1.000		4929697.53		A	0.3
6	☐	1.000		4789489.48		A	0.5
7	☐	1.000		4787935.34		A	0.7
8	☐	1.000		4922660.52		A	0.1

103 Rh(ISTD) [No Gas]

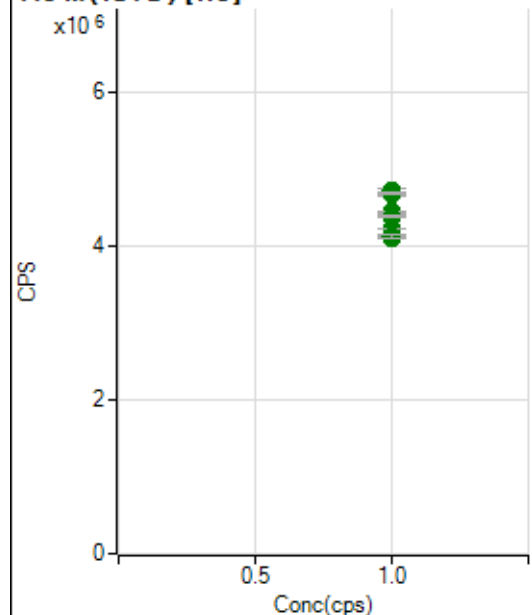
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10703455.81		A	1.5
2	☐	1.000		10835540.26		A	1.1
3	☐	1.000		10890561.37		A	1.5
4	☐	1.000		10431987.69		A	1.0
5	☐	1.000		9497237.08		A	11.9
6	☐	1.000		9624695.62		A	1.2
7	☐	1.000		9322950.83		A	1.7
8	☐	1.000		8696150.01		A	0.2

103 Rh (ISTD) [He]

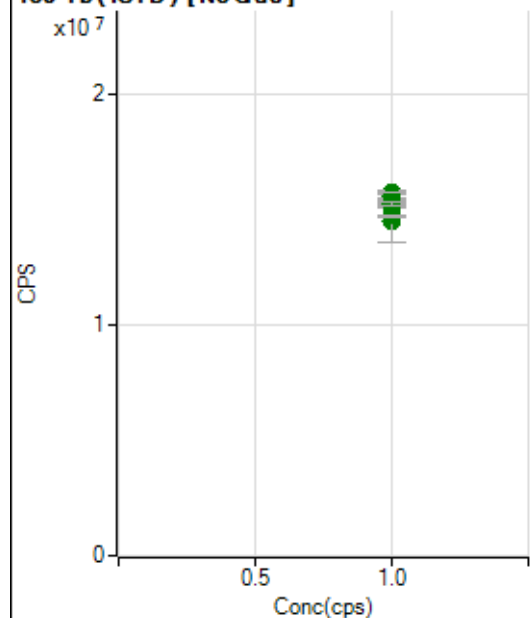
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6761995.04		A	0.4
2	☐	1.000		6719775.87		A	0.8
3	☐	1.000		6723898.92		A	0.7
4	☐	1.000		6359232.06		A	1.4
5	☐	1.000		6246622.20		A	0.0
6	☐	1.000		5979470.47		A	0.4
7	☐	1.000		5872989.84		A	0.4
8	☐	1.000		5556939.99		A	0.4

115 In (ISTD) [No Gas]

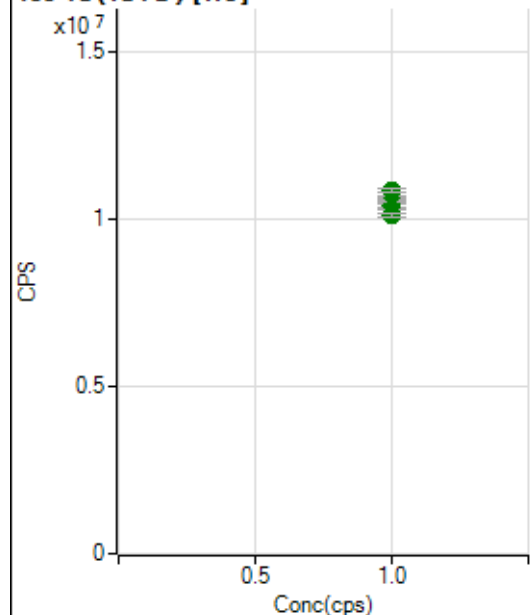
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11705795.99		A	0.7
2	☐	1.000		11727155.94		A	0.2
3	☐	1.000		11846907.89		A	1.3
4	☐	1.000		11481221.08		A	1.1
5	☐	1.000		10551372.54		A	12.9
6	☐	1.000		10789717.60		A	0.5
7	☐	1.000		10521756.01		A	1.6
8	☐	1.000		10157804.11		A	0.7

115 In (ISTD) [He]

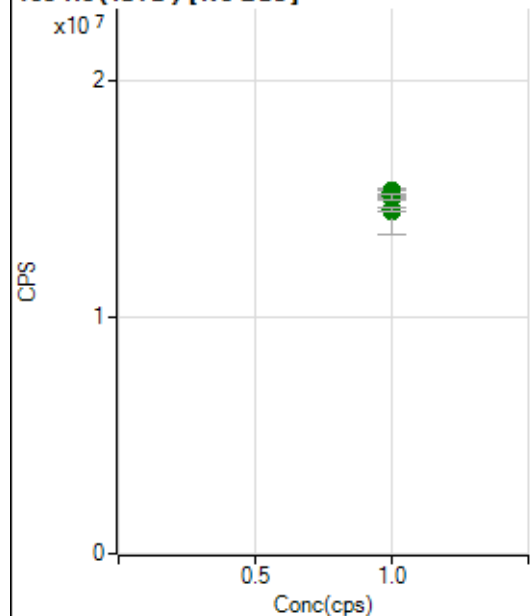
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4718993.14		A	0.9
2	☐	1.000		4672983.37		A	0.8
3	☐	1.000		4694981.90		A	0.7
4	☐	1.000		4448337.05		A	0.4
5	☐	1.000		4387209.11		A	0.8
6	☐	1.000		4230321.76		A	0.2
7	☐	1.000		4113190.87		A	0.4
8	☐	1.000		4122677.23		A	1.4

159 Tb (ISTD) [No Gas]

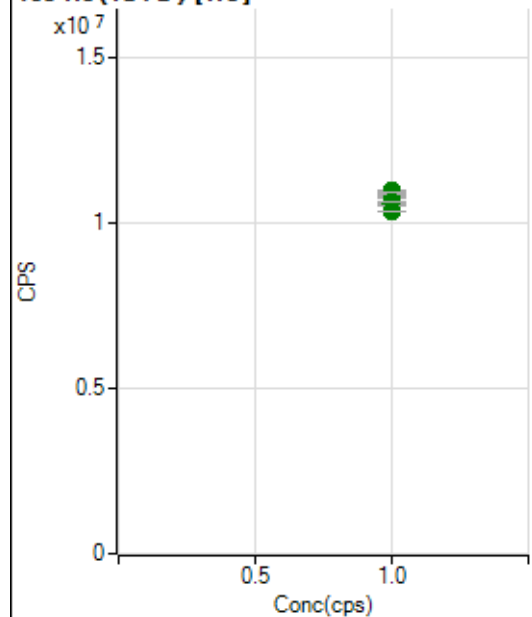
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15150967.00		A	0.5
2	☐	1.000		15283420.19		A	2.3
3	☐	1.000		15749152.13		A	1.0
4	☐	1.000		15634424.63		A	1.5
5	☐	1.000		14559347.56		A	12.6
6	☐	1.000		15331789.49		A	0.3
7	☐	1.000		15262126.86		A	1.2
8	☐	1.000		14755079.09		A	0.6

159 Tb (ISTD) [He]

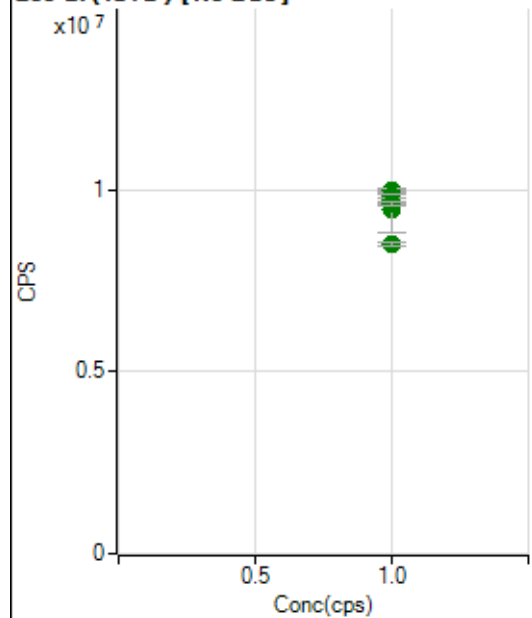
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10526342.41		A	1.3
2	☐	1.000		10672076.79		A	0.7
3	☐	1.000		10852417.20		A	1.2
4	☐	1.000		10547679.15		A	0.9
5	☐	1.000		10553524.98		A	0.4
6	☐	1.000		10436488.18		A	1.8
7	☐	1.000		10296511.72		A	0.1
8	☐	1.000		10132331.93		A	1.3

165 Ho (ISTD) [No Gas]

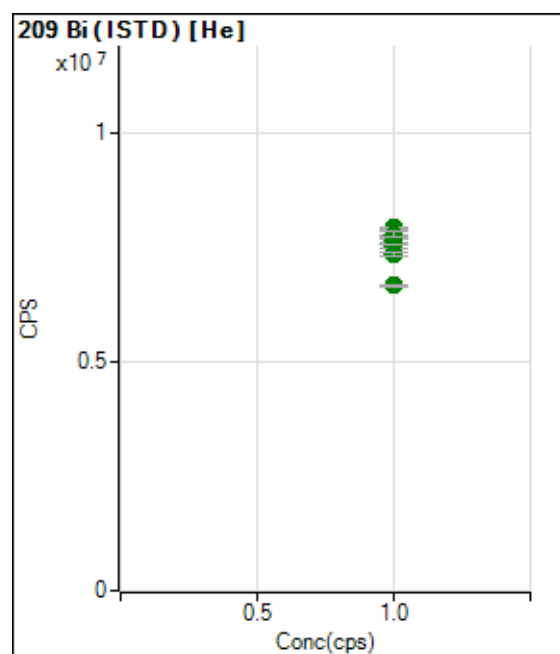
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15053764.91		A	0.6
2	☐	1.000		15145261.02		A	0.2
3	☐	1.000		15369594.36		A	1.3
4	☐	1.000		15304278.11		A	0.8
5	☐	1.000		14466173.40		A	13.1
6	☐	1.000		15245081.16		A	0.2
7	☐	1.000		15116545.89		A	1.9
8	☐	1.000		14618359.50		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10768777.55		A	0.3
2	☐	1.000		10880111.78		A	0.5
3	☐	1.000		10986801.09		A	0.5
4	☐	1.000		10650885.47		A	0.0
5	☐	1.000		10914959.07		A	0.6
6	☐	1.000		10645497.13		A	0.5
7	☐	1.000		10612829.36		A	1.2
8	☐	1.000		10376117.90		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9638619.78		A	0.4
2	☐	1.000		9691808.40		A	1.5
3	☐	1.000		9955267.42		A	0.6
4	☐	1.000		9962260.27		A	1.4
5	☐	1.000		9438498.54		A	13.0
6	☐	1.000		9813052.08		A	1.4
7	☐	1.000		9606111.45		A	1.3
8	☐	1.000		8502242.93		A	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7752705.72		A	0.5
2	☐	1.000		7713142.25		A	1.0
3	☐	1.000		7915143.43		A	0.5
4	☐	1.000		7636297.18		A	0.6
5	☐	1.000		7775286.69		A	1.4
6	☐	1.000		7509482.80		A	0.8
7	☐	1.000		7333108.16		A	1.2
8	☐	1.000		6653873.72		A	0.9