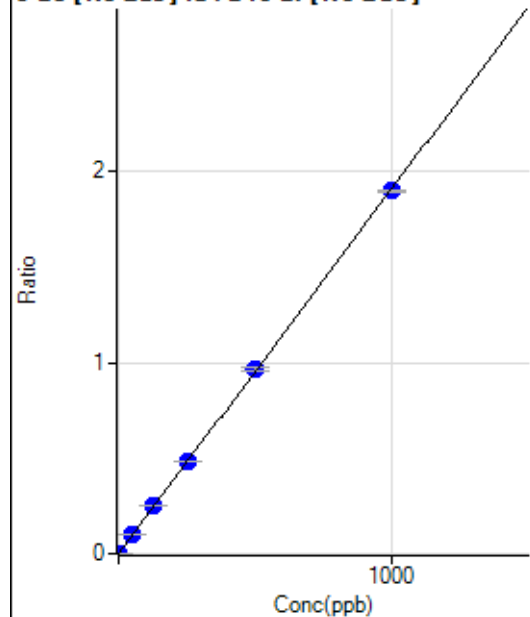


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7082225MS.b\
Analysis File: P7082225MS.batch.bin
DA Date-Time: 2025-08-26 11:06:49
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-08-22 13:58:05
2	006CALS.d	S02	2025-08-22 14:04:48
3	007CALS.d	S03	2025-08-22 14:08:03
4	008CALS.d	S04	2025-08-22 14:11:09
5	009CALS.d	S05	2025-08-22 14:14:04
6	010CALS.d	S06	2025-08-22 14:16:52
7	011CALS.d	S07	2025-08-22 14:19:36
8	012CALS.d	S08	2025-08-22 14:22:23

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	41.5
2	☐	1.000	1.093	1097.83	0.0021	P	1.9
3	☐	50.000	52.362	53340.00	0.0998	P	0.6
4	☐	125.000	130.372	133262.82	0.2485	P	0.9
5	☐	250.000	253.975	253974.12	0.4841	P	0.9
6	☐	500.000	505.996	483215.97	0.9645	P	1.4
7	☐	1000.000	995.218	879577.03	1.8970	P	0.4
8	☐			128.89	0.0003	P	7.0

$$y = 0.0019 * x + 8.4579E-006$$

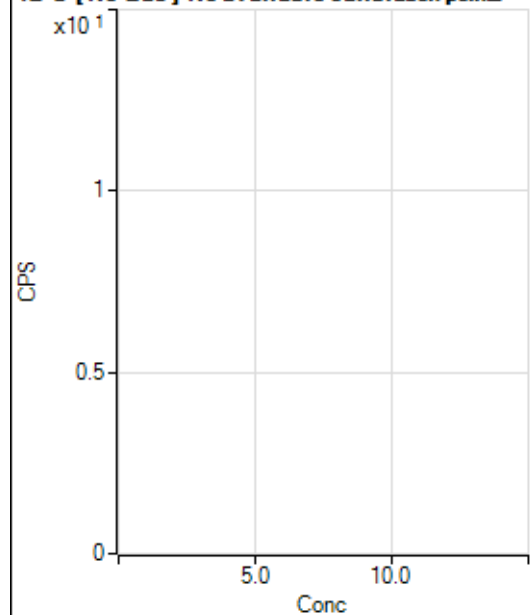
$$R = 1.0000$$

$$DL = 0.005523$$

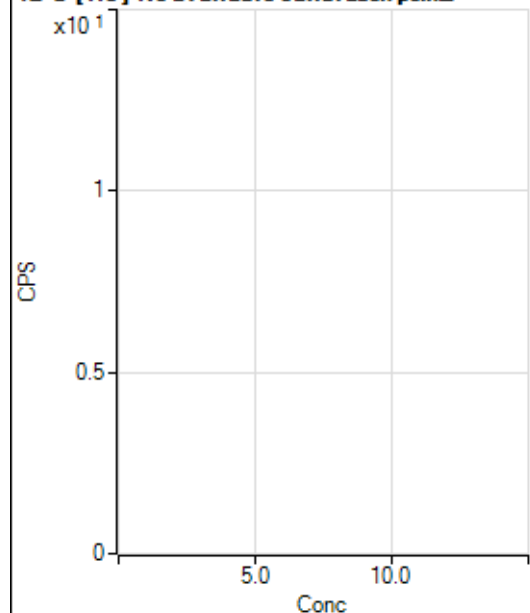
$$BEC = 0.004437$$

Weight: <None>

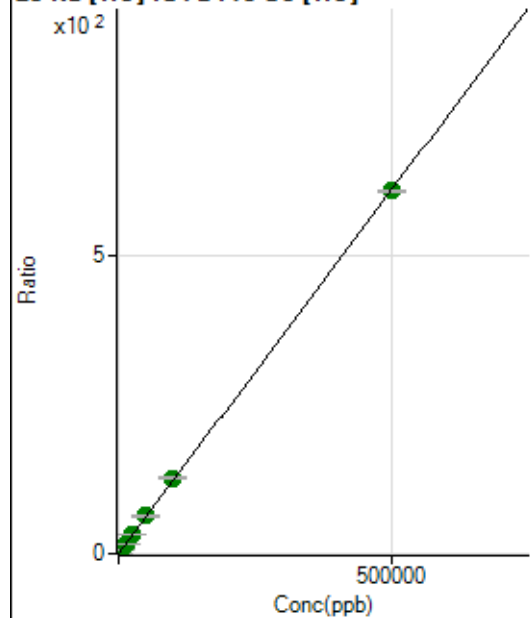
Min Conc: <None>

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	25977.52	0.0513	P	1.4
2	☐	500.000	502.886	331133.01	0.6638	P	0.4
3	☐	5000.000	5271.959	3281282.76	6.4722	A	1.2
4	☐	12500.000	13115.347	8014570.65	16.0250	A	0.6
5	☐	25000.000	26293.875	15647867.54	32.0757	A	0.3
6	☐	50000.000	51782.503	30124352.89	63.1194	A	1.6
7	☐	100000.00	104329.37	57764483.58	127.1184	A	0.4
8	☐	500000.00	498873.07	283883355.7	607.6496	A	0.5

$$y = 0.0012 * x + 0.0513$$

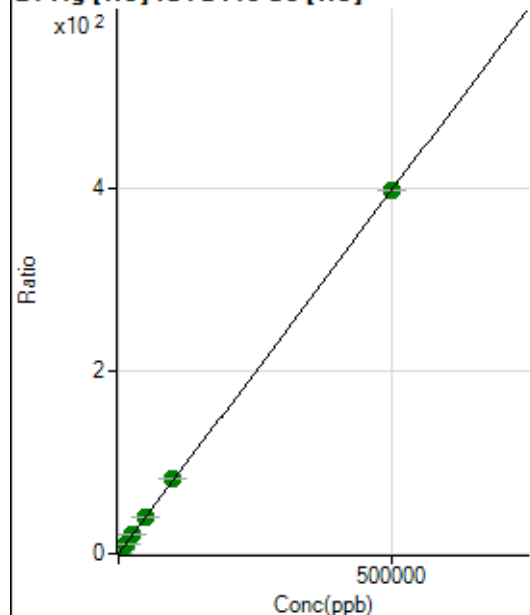
$$R = 1.0000$$

$$DL = 1.792$$

$$BEC = 42.13$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	437.79	0.0009	P	7.8
2	☐	500.000	497.149	197757.68	0.3964	P	0.8
3	☐	5000.000	5111.849	2062599.50	4.0683	A	0.4
4	☐	12500.000	12764.774	5080166.66	10.1575	A	0.6
5	☐	25000.000	25823.432	10024282.49	20.5480	A	0.8
6	☐	50000.000	50700.192	19252828.60	40.3419	A	0.8
7	☐	100000.00	102463.41	37047702.23	81.5288	A	0.8
8	☐	500000.00	499388.39	185632299.4	397.3532	A	0.1

$$y = 7.9568\text{E-}004 * x + 8.6480\text{E-}004$$

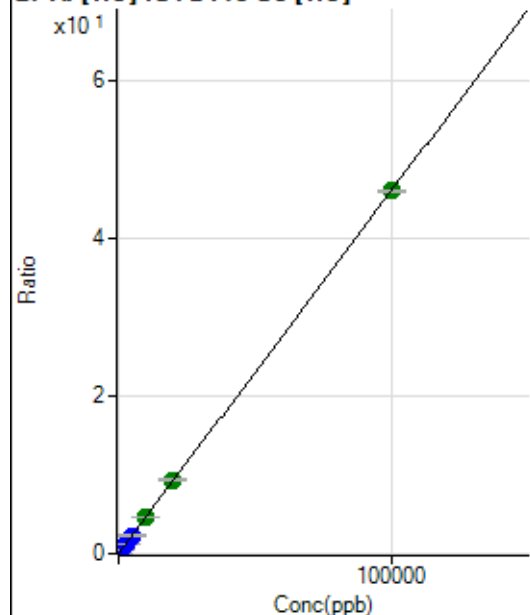
$$R = 1.0000$$

$$DL = 0.2557$$

$$BEC = 1.087$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1703.45	0.0034	P	1.3
2	☐	20.000	20.818	6468.08	0.0130	P	3.7
3	☐	1000.000	1008.872	237655.21	0.4688	P	0.5
4	☐	2500.000	2499.721	578416.97	1.1565	P	0.6
5	☐	5000.000	5016.563	1130546.91	2.3175	P	0.4
6	☐	10000.000	10004.409	2203723.71	4.6184	A	1.6
7	☐	20000.000	20375.782	4272701.92	9.4027	A	0.7
8	☐	100000.00	99923.493	21535794.40	46.0979	A	0.6

$$y = 4.6130\text{E-}004 * x + 0.0034$$

$$R = 1.0000$$

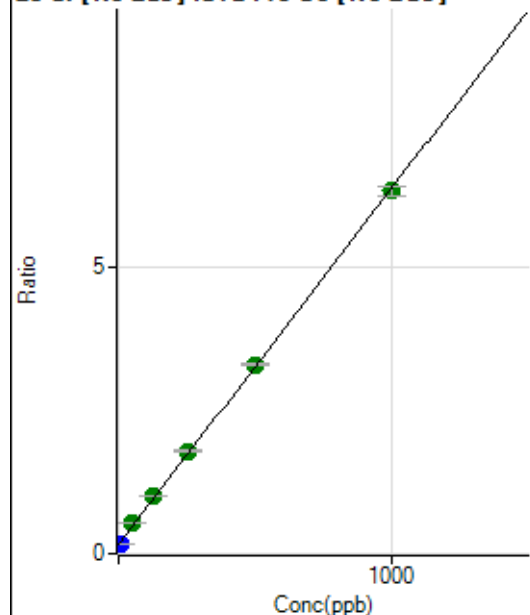
$$DL = 0.2876$$

$$BEC = 7.294$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	831713.89	0.1635	P	1.8
2	☐	10.000	1.357	856825.55	0.1720	P	2.1
3	☐	50.000	60.376	2719159.13	0.5389	A	2.9
4	☐	125.000	133.446	4964636.70	0.9932	A	0.3
5	☐	250.000	261.244	8670301.61	1.7878	A	1.4
6	☐	500.000	505.251	15387185.46	3.3049	A	0.6
7	☐	1000.000	993.076	27803396.53	6.3380	A	2.3
8	☐			1233698.54	0.2786	A	0.6

$$y = 0.0062 * x + 0.1635$$

$$R = 0.9998$$

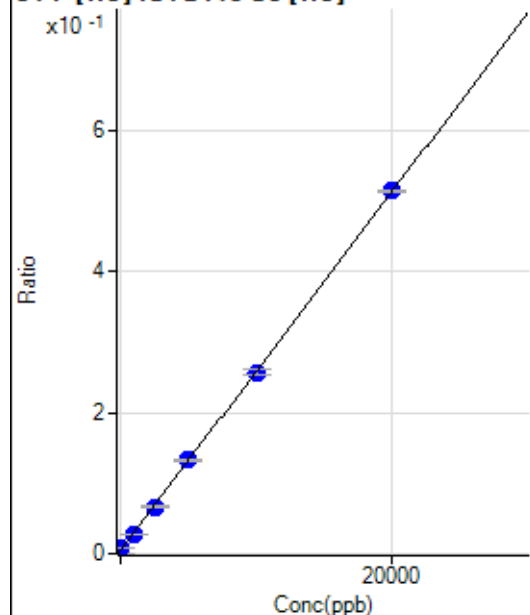
$$DL = 1.412$$

$$BEC = 26.3$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-123.231	671.13	0.0013	P	2.5
2	☐	0.000	123.231	3793.84	0.0076	P	3.7
3	☐	1000.000	898.406	13870.84	0.0274	P	0.1
4	☐	2500.000	2440.684	33338.52	0.0667	P	1.6
5	☐	5000.000	5045.705	64896.78	0.1330	P	1.2
6	☐	10000.000	9943.077	123009.35	0.2578	P	3.0
7	☐	20000.000	20029.529	233962.16	0.5149	P	0.7
8	☐			645.58	0.0014	P	7.6

$$y = 2.5482E-005 * x + 0.0045$$

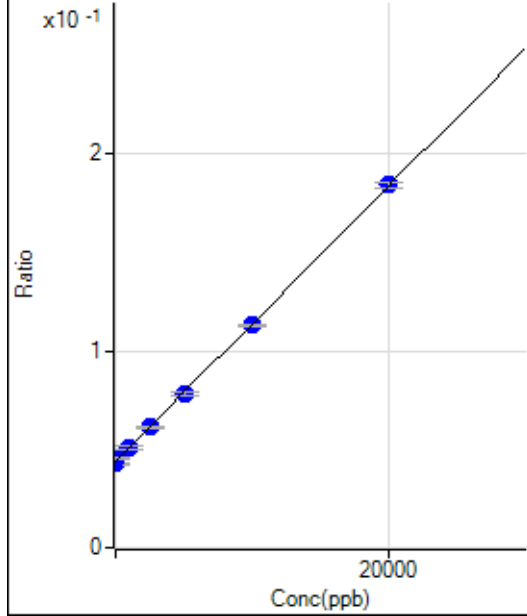
$$R = 0.9999$$

$$DL = 18.4$$

$$BEC = 175.3$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-187.674	216516.87	0.0426	P	3.1
2	☐	0.000	187.674	225222.80	0.0452	P	2.3
3	☐	1000.000	972.550	255770.17	0.0507	P	3.0
4	☐	2500.000	2479.537	306053.46	0.0612	P	0.9
5	☐	5000.000	4906.526	379212.00	0.0782	P	2.1
6	☐	10000.000	9906.630	526870.37	0.1132	P	1.0
7	☐	20000.000	20073.984	808359.23	0.1843	P	1.7
8	☐			201549.45	0.0455	P	1.4

$$y = 6.9925E-006 * x + 0.0439$$

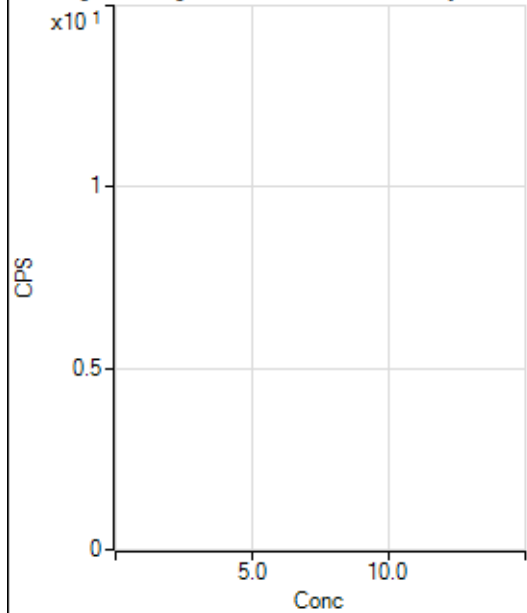
$$R = 0.9999$$

$$DL = 507.7$$

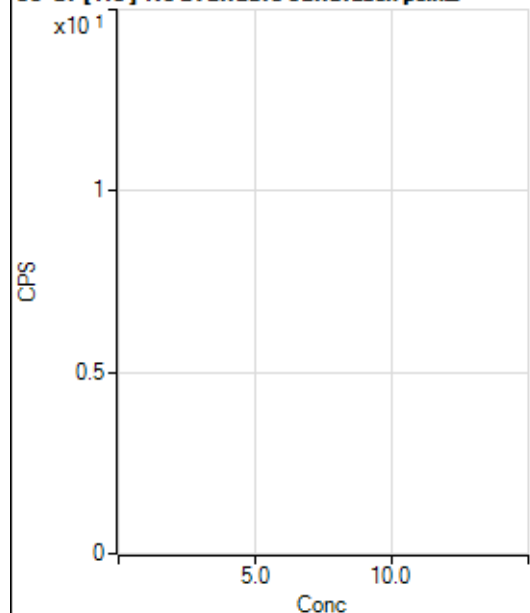
$$BEC = 6277$$

Weight: <None>

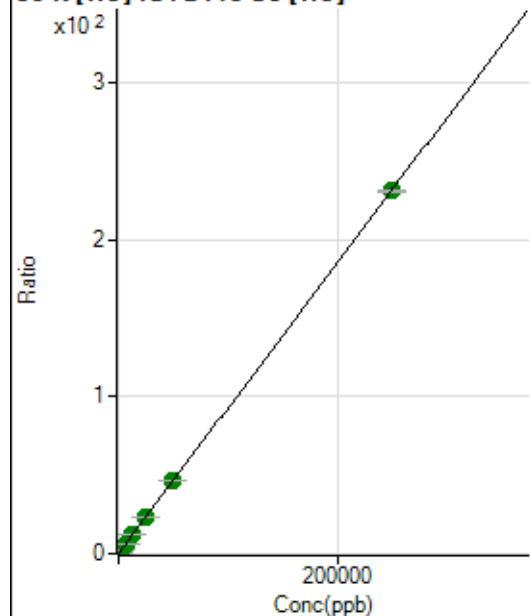
Min Conc: <None>

35 Cl [No Gas] No available calibration points

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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80601.78	0.1592	P	1.6
2	☐	500.000	518.094	318542.64	0.6386	P	0.5
3	☐	2500.000	2557.946	1280588.26	2.5260	A	1.4
4	☐	6250.000	6342.151	3014280.48	6.0273	A	1.4
5	☐	12500.000	12541.033	5738069.50	11.7629	A	1.1
6	☐	25000.000	25061.763	11139492.61	23.3477	A	2.3
7	☐	50000.000	50358.433	21245825.38	46.7536	A	0.9
8	☐	250000.00	249917.16	108101217.2	231.3963	A	0.3

$$y = 9.2526\text{E-}004 * x + 0.1592$$

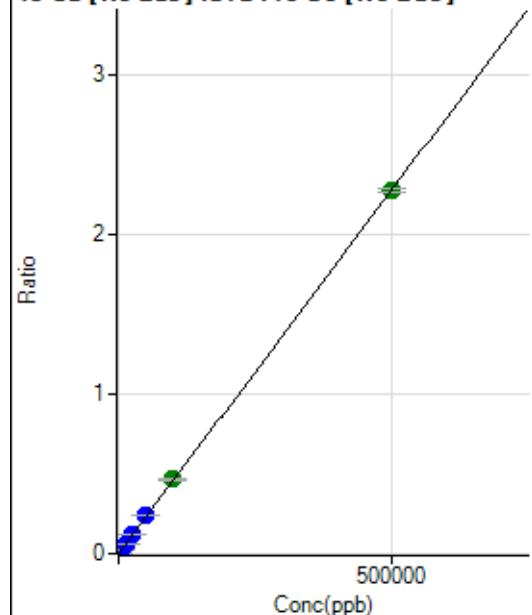
$$R = 1.0000$$

$$DL = 8.291$$

$$BEC = 172.1$$

Weight: <None>

Min Conc: <None>

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	285.56	0.0001	P	10.1
2	☐	500.000	520.319	12094.92	0.0024	P	2.5
3	☐	5000.000	5349.958	123305.80	0.0244	P	1.1
4	☐	12500.000	13154.065	299830.70	0.0600	P	0.5
5	☐	25000.000	26445.247	584568.39	0.1205	P	1.4
6	☐	50000.000	52813.314	1120517.43	0.2407	P	0.5
7	☐	100000.00	102176.46	2042526.64	0.4656	A	1.3
8	☐	500000.00	499191.24	10071672.84	2.2743	A	1.1

$$y = 4.5559\text{E-}006 * x + 5.6050\text{E-}005$$

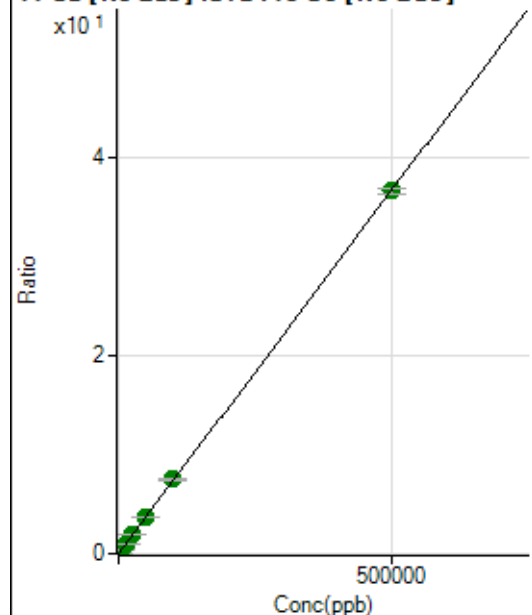
$$R = 1.0000$$

$$DL = 3.726$$

$$BEC = 12.3$$

Weight: <None>

Min Conc: <None>

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31165.41	0.0061	P	1.4
2	☐	500.000	520.127	220290.14	0.0442	P	0.3
3	☐	5000.000	5117.666	1922107.33	0.3808	A	1.1
4	☐	12500.000	12725.183	4687131.84	0.9377	A	0.3
5	☐	25000.000	25441.614	9062332.43	1.8686	A	1.3
6	☐	50000.000	50945.108	17392243.21	3.7356	A	1.1
7	☐	100000.00	102182.00	32846308.68	7.4865	A	1.1
8	☐	500000.00	499440.18	161935033.1	36.5683	A	1.3

$$y = 7.3206\text{E-}005 * x + 0.0061$$

$$R = 1.0000$$

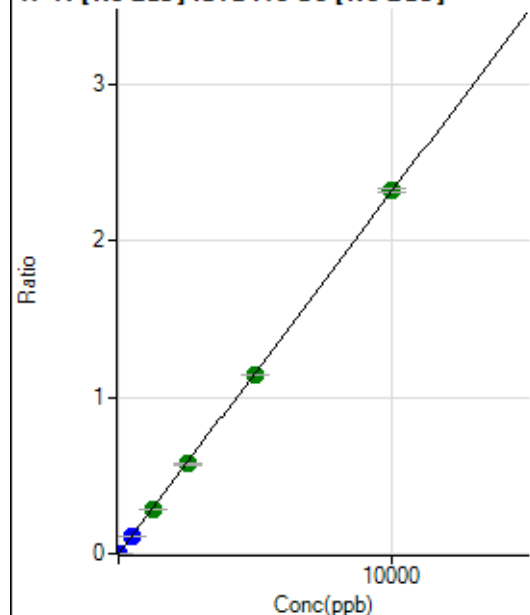
$$DL = 3.436$$

$$BEC = 83.7$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0000	P	24.1
2	☐	5.000	5.020	5897.87	0.0012	P	1.3
3	☐	500.000	498.118	582047.96	0.1153	P	0.9
4	☐	1250.000	1244.226	1439640.36	0.2880	A	0.3
5	☐	2500.000	2484.765	2789457.11	0.5751	A	1.6
6	☐	5000.000	4948.169	5332334.47	1.1453	A	0.3
7	☐	10000.000	10030.540	10185833.04	2.3216	A	1.0
8	☐			977.82	0.0002	P	7.8

$$y = 2.3145\text{E-}004 * x + 2.1439\text{E-}005$$

$$R = 1.0000$$

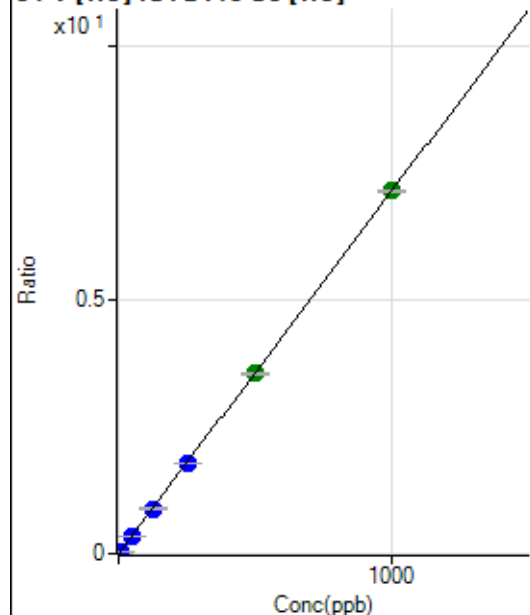
$$DL = 0.067$$

$$BEC = 0.09263$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	59.8
2	☐	5.000	5.061	18050.87	0.0362	P	1.8
3	☐	50.000	49.829	180501.22	0.3560	P	0.3
4	☐	125.000	124.521	444948.57	0.8897	P	0.5
5	☐	250.000	250.096	871613.73	1.7868	P	0.9
6	☐	500.000	497.456	1695949.45	3.5540	A	1.1
7	☐	1000.000	1001.316	3250800.16	7.1538	A	0.8
8	☐			1452.30	0.0031	P	3.5

$$y = 0.0071 * x + 3.2896\text{E-}005$$

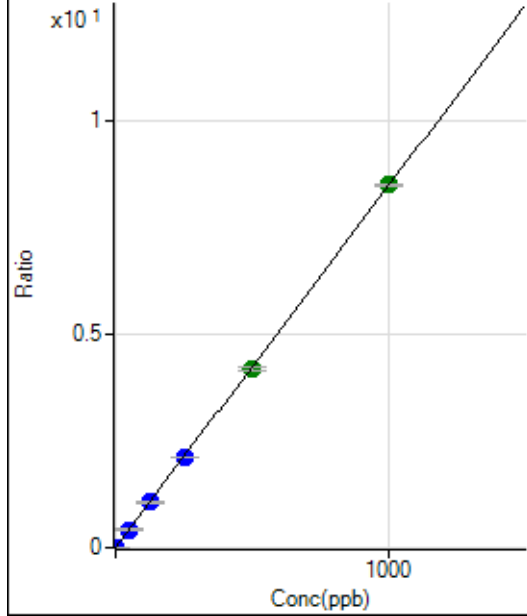
$$R = 1.0000$$

$$DL = 0.008259$$

$$BEC = 0.004605$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1739.01	0.0034	P	6.8
2	☐	2.000	2.003	10173.52	0.0204	P	2.1
3	☐	50.000	50.105	216803.48	0.4276	P	0.5
4	☐	125.000	124.740	529887.39	1.0595	P	0.5
5	☐	250.000	250.074	1034462.49	2.1206	P	0.6
6	☐	500.000	494.507	1999435.27	4.1900	A	1.4
7	☐	1000.000	1002.755	3859311.57	8.4929	A	0.3
8	☐			19597.23	0.0419	P	1.4

$$y = 0.0085 * x + 0.0034$$

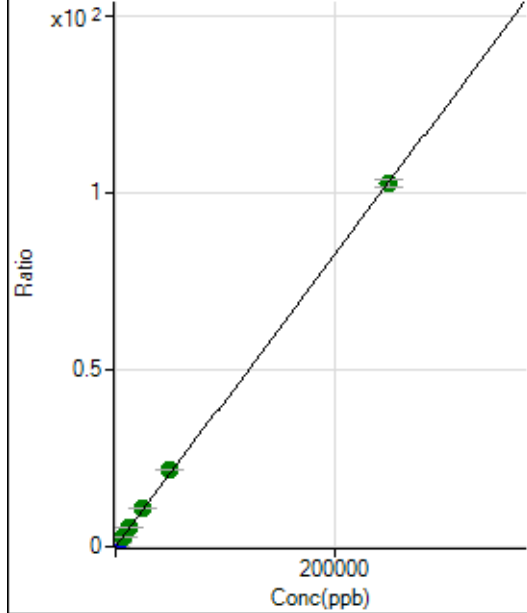
$$R = 1.0000$$

$$DL = 0.08262$$

$$BEC = 0.4057$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2685.82	0.0053	P	0.4
2	☐	50.000	55.913	14111.14	0.0283	P	1.5
3	☐	2500.000	2753.192	576488.21	1.1371	P	0.4
4	☐	6250.000	6630.693	1365727.86	2.7310	A	2.0
5	☐	12500.000	13305.542	2670702.91	5.4748	A	0.7
6	☐	25000.000	26297.549	5160994.99	10.8154	A	0.8
7	☐	50000.000	52903.610	9884702.35	21.7524	A	0.5
8	☐	250000.00	249237.19	47862147.06	102.4592	A	2.1

$$y = 4.1107E-004 * x + 0.0053$$

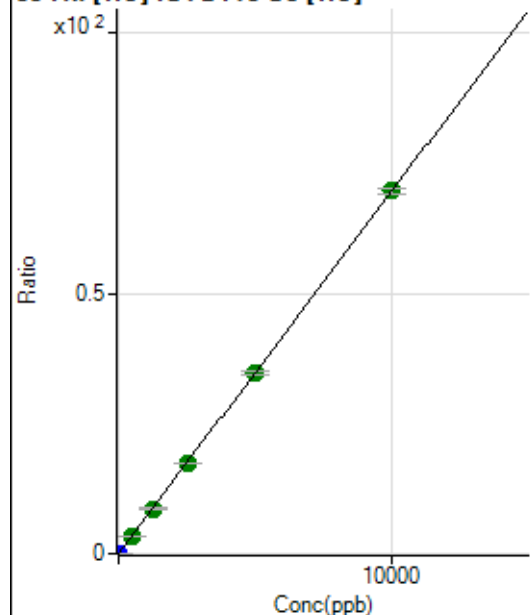
$$R = 0.9999$$

$$DL = 0.1544$$

$$BEC = 12.9$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1456.75	0.0029	P	5.0
2	☐	1.000	0.968	4793.03	0.0096	P	4.6
3	☐	500.000	489.732	1728108.01	3.4085	A	2.4
4	☐	1250.000	1244.949	4331470.56	8.6603	A	0.8
5	☐	2500.000	2485.739	8434325.15	17.2889	A	0.3
6	☐	5000.000	4973.706	16503202.39	34.5904	A	2.5
7	☐	10000.000	10017.857	31658173.14	69.6678	A	1.4
8	☐			14090.01	0.0302	P	2.2

$$y = 0.0070 * x + 0.0029$$

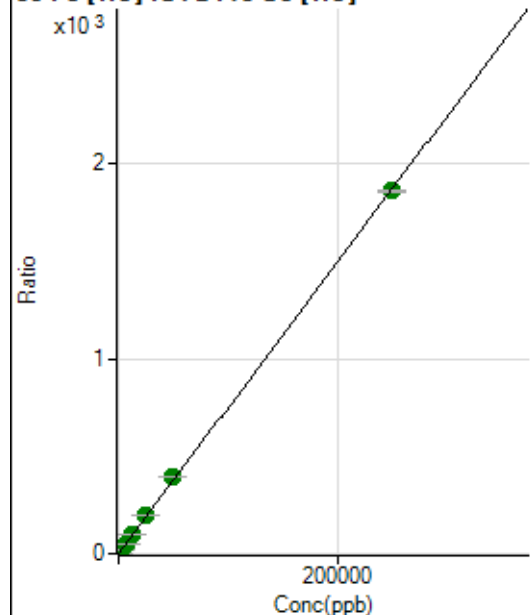
$$R = 1.0000$$

$$DL = 0.06161$$

$$BEC = 0.4138$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21137.13	0.0417	P	0.5
2	☐	50.000	54.102	222260.20	0.4455	P	0.3
3	☐	2500.000	2616.119	9920770.76	19.5674	A	1.4
4	☐	6250.000	6554.079	24487676.86	48.9587	A	0.7
5	☐	12500.000	13218.891	48148478.73	98.7022	A	1.1
6	☐	25000.000	26385.866	93975421.93	196.9752	A	2.7
7	☐	50000.000	52641.819	178558817.3	392.9390	A	0.4
8	☐	250000.00	249288.34	869233729.2	1,860.629	A	0.4

$$y = 0.0075 * x + 0.0417$$

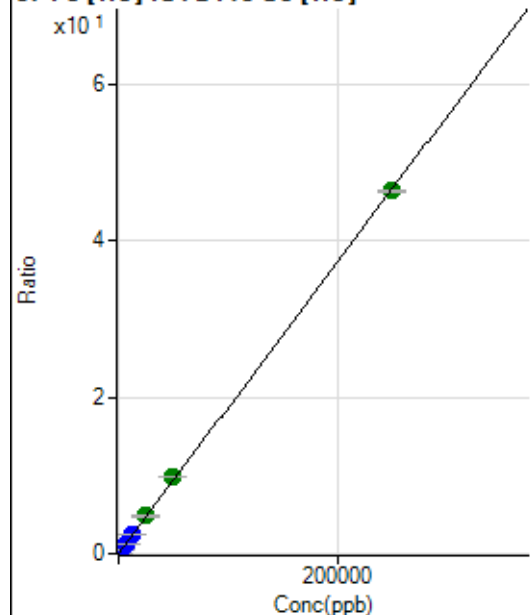
$$R = 0.9999$$

$$DL = 0.07884$$

$$BEC = 5.594$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1705.67	0.0034	P	3.4
2	☐	50.000	55.490	6827.17	0.0137	P	1.1
3	☐	2500.000	2714.128	257558.55	0.5080	P	0.9
4	☐	6250.000	6801.722	634188.14	1.2680	P	0.4
5	☐	12500.000	13662.149	1240824.70	2.5436	P	0.6
6	☐	25000.000	26081.156	2315301.04	4.8527	A	2.8
7	☐	50000.000	52598.017	4445582.12	9.7830	A	0.3
8	☐	250000.00	249298.23	21655798.84	46.3559	A	0.5

$$y = 1.8593\text{E-}004 * x + 0.0034$$

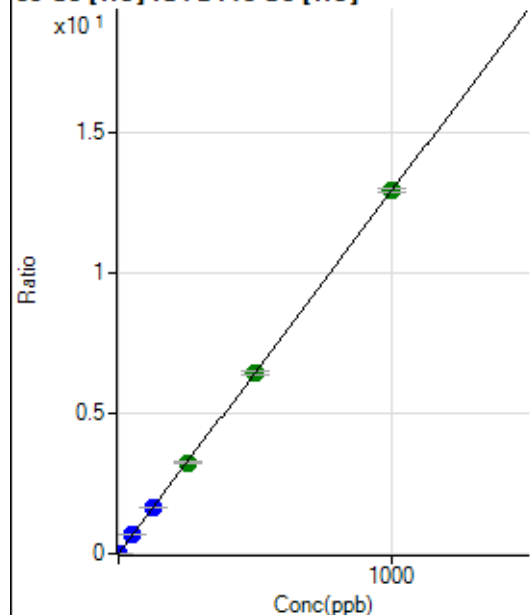
R = 0.9999

DL = 1.875

BEC = 18.12

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0002	P	3.2
2	☐	1.000	1.042	6807.17	0.0136	P	2.4
3	☐	50.000	50.487	330706.58	0.6523	P	0.3
4	☐	125.000	125.575	811248.26	1.6221	P	0.9
5	☐	250.000	251.340	1583983.05	3.2465	A	2.1
6	☐	500.000	498.240	3070437.21	6.4354	A	2.3
7	☐	1000.000	1000.449	5871972.48	12.9219	A	0.9
8	☐			10590.50	0.0227	P	2.6

$$y = 0.0129 * x + 1.9092\text{E-}004$$

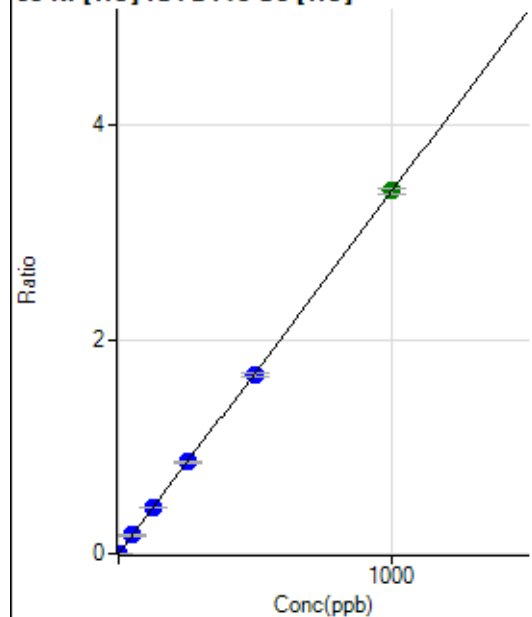
R = 1.0000

DL = 0.00143

BEC = 0.01478

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	402.23	0.0008	P	1.9
2	☐	1.000	0.911	1933.48	0.0039	P	4.4
3	☐	50.000	50.271	86601.38	0.1708	P	0.5
4	☐	125.000	125.193	212156.17	0.4242	P	0.5
5	☐	250.000	252.280	416594.60	0.8540	P	1.1
6	☐	500.000	494.866	798946.87	1.6744	P	1.7
7	☐	1000.000	1001.959	1540228.26	3.3894	A	1.5
8	☐			5994.59	0.0128	P	4.7

$$y = 0.0034 * x + 7.9449E-004$$

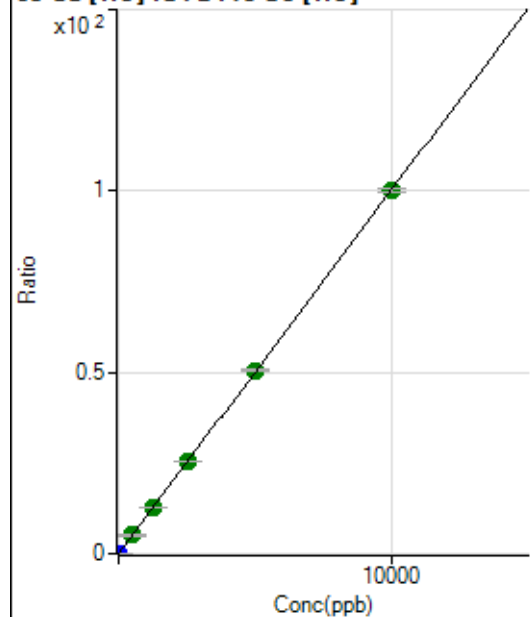
$$R = 1.0000$$

$$DL = 0.01355$$

$$BEC = 0.2349$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1115.61	0.0022	P	2.8
2	☐	2.000	1.853	10367.01	0.0208	P	1.0
3	☐	500.000	504.624	2566131.18	5.0612	A	1.4
4	☐	1250.000	1262.374	6330168.17	12.6577	A	1.6
5	☐	2500.000	2535.229	12399957.59	25.4184	A	0.3
6	☐	5000.000	5028.070	24053854.92	50.4095	A	1.2
7	☐	10000.000	9975.380	45445339.32	100.0072	A	1.0
8	☐			4925.31	0.0105	P	1.9

$$y = 0.0100 * x + 0.0022$$

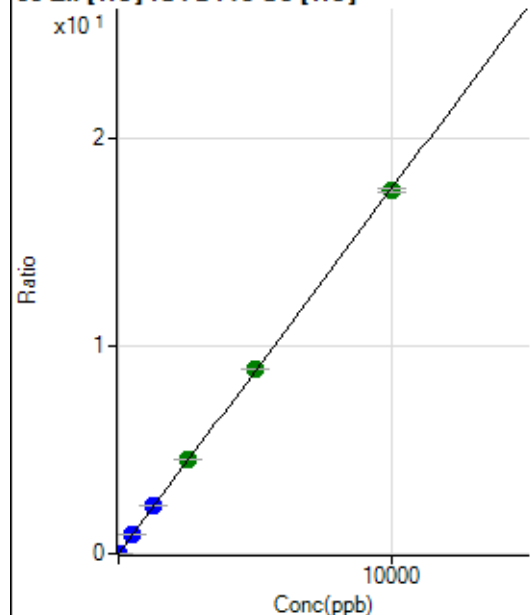
$$R = 1.0000$$

$$DL = 0.01866$$

$$BEC = 0.2198$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3354.85	0.0066	P	4.2
2	☐	5.000	4.994	7692.05	0.0154	P	2.8
3	☐	500.000	528.014	474848.72	0.9366	P	0.9
4	☐	1250.000	1311.495	1158607.51	2.3166	P	0.3
5	☐	2500.000	2574.840	2215600.24	4.5417	A	0.6
6	☐	5000.000	5069.585	4264447.19	8.9357	A	0.4
7	☐	10000.000	9937.410	7956666.34	17.5095	A	1.2
8	☐			9284.07	0.0199	P	1.7

$$y = 0.0018 * x + 0.0066$$

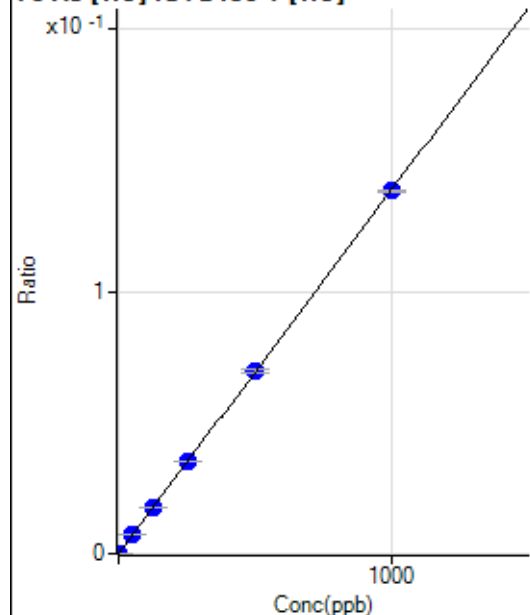
$$R = 0.9999$$

$$DL = 0.4717$$

$$BEC = 3.762$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	21.6
2	☐	1.000	1.072	578.90	0.0002	P	9.6
3	☐	50.000	51.004	27402.05	0.0071	P	1.6
4	☐	125.000	127.960	67702.27	0.0177	P	0.8
5	☐	250.000	253.160	132230.37	0.0351	P	0.4
6	☐	500.000	502.541	256019.17	0.0696	P	2.6
7	☐	1000.000	997.519	484080.44	0.1382	P	0.5
8	☐			544.46	0.0002	P	9.3

$$y = 1.3858E-004 * x + 2.2859E-006$$

$$R = 1.0000$$

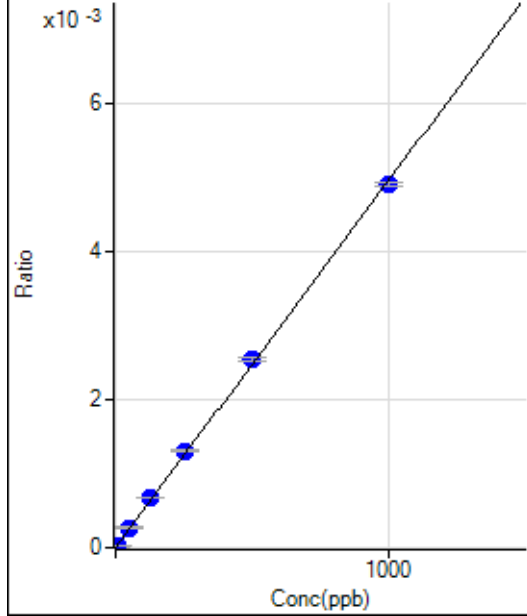
$$DL = 0.0107$$

$$BEC = 0.01649$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.806	92.22	0.0000	P	33.7
3	☐	50.000	54.616	1048.94	0.0003	P	5.5
4	☐	125.000	136.207	2576.92	0.0007	P	2.9
5	☐	250.000	263.000	4910.85	0.0013	P	1.7
6	☐	500.000	512.951	9343.03	0.0025	P	2.6
7	☐	1000.000	988.644	17147.80	0.0049	P	1.2
8	☐			22.22	0.0000	P	60.4

$$y = 4.9533\text{E-}006 * x + 2.8292\text{E-}007$$

$$R = 0.9997$$

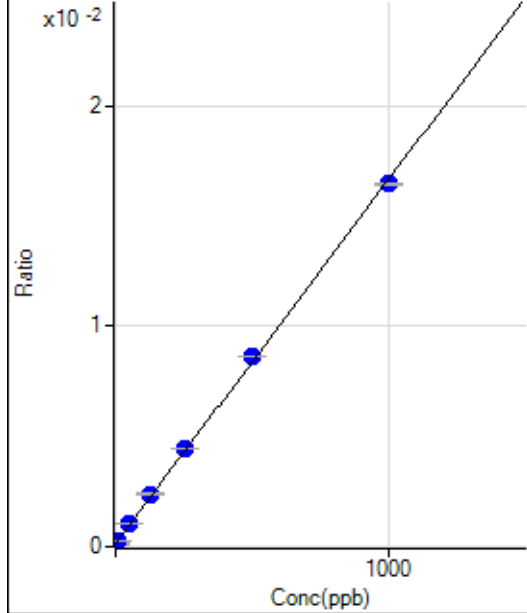
$$DL = 0.2968$$

$$BEC = 0.05712$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	520.02	0.0001	P	8.8
2	☐	5.000	5.363	852.25	0.0002	P	3.5
3	☐	50.000	54.946	4035.04	0.0010	P	3.3
4	☐	125.000	135.437	9048.39	0.0024	P	2.4
5	☐	250.000	261.952	16807.42	0.0045	P	0.2
6	☐	500.000	513.768	31683.96	0.0086	P	0.6
7	☐	1000.000	988.574	57637.17	0.0165	P	0.7
8	☐			580.02	0.0002	P	5.4

$$y = 1.6514\text{E-}005 * x + 1.3366\text{E-}004$$

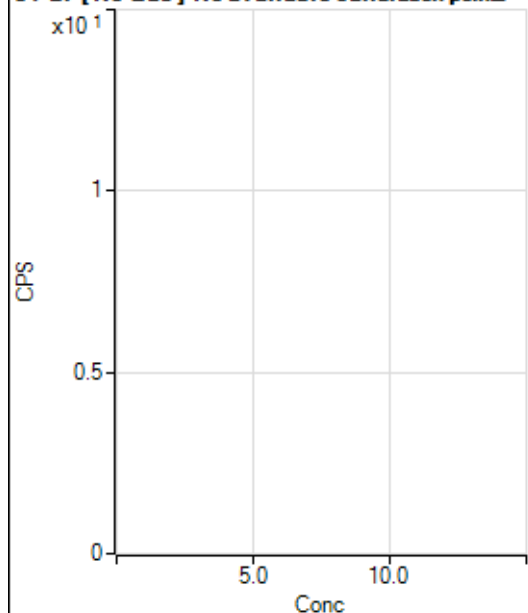
$$R = 0.9998$$

$$DL = 2.136$$

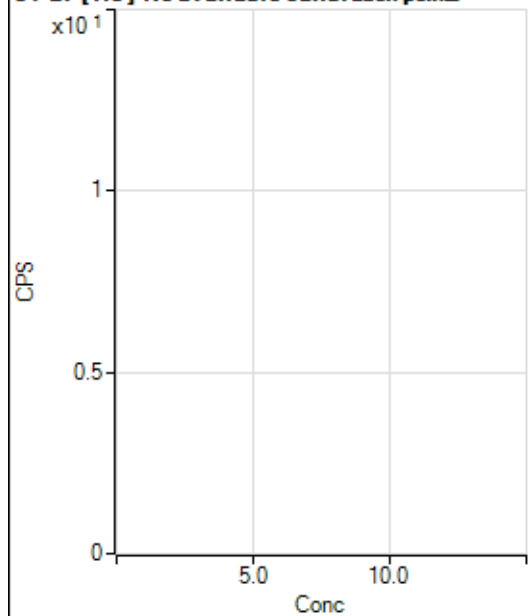
$$BEC = 8.094$$

Weight: <None>

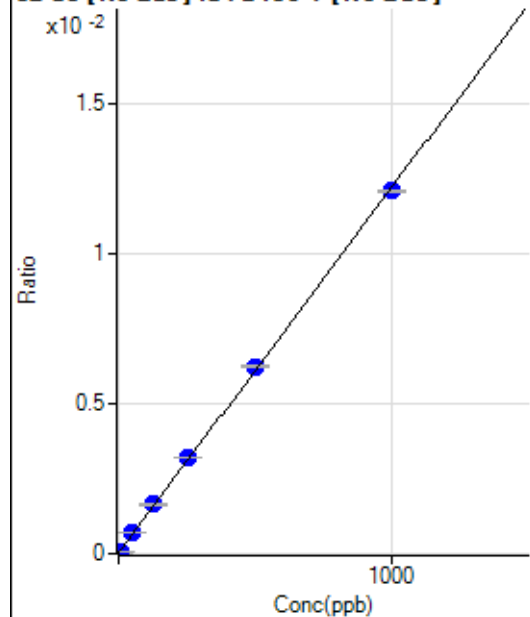
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11472.30		P	2.4
2	☐			11222.12		P	1.9
3	☐			11170.98		P	2.3
4	☐			10923.03		P	1.4
5	☐			10628.35		P	2.7
6	☐			10523.82		P	2.1
7	☐			10201.40		P	2.6
8	☐			11053.12		P	1.1

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			472.23		P	4.3
2	☐			447.79		P	7.7
3	☐			397.79		P	14.8
4	☐			397.79		P	4.6
5	☐			335.56		P	4.1
6	☐			271.12		P	13.5
7	☐			160.00		P	15.7
8	☐			284.45		P	10.5

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	314.29	0.0000	P	30.2
2	☐	5.000	5.222	1153.51	0.0001	P	4.0
3	☐	50.000	54.103	9178.75	0.0007	P	1.1
4	☐	125.000	132.878	22143.57	0.0016	P	1.1
5	☐	250.000	260.976	41867.15	0.0032	P	0.7
6	☐	500.000	509.598	78365.51	0.0062	P	1.0
7	☐	1000.000	991.266	143085.73	0.0121	P	0.9
8	☐			442.87	0.0000	P	24.4

$$y = 1.2180\text{E-}005 * x + 2.3009\text{E-}005$$

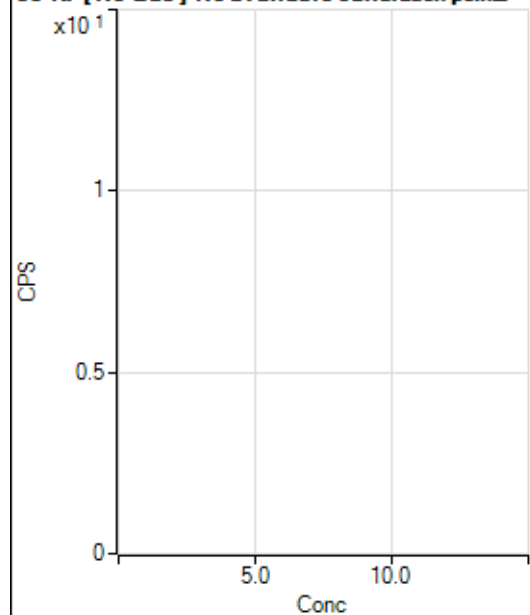
R = 0.9999

DL = 1.714

BEC = 1.889

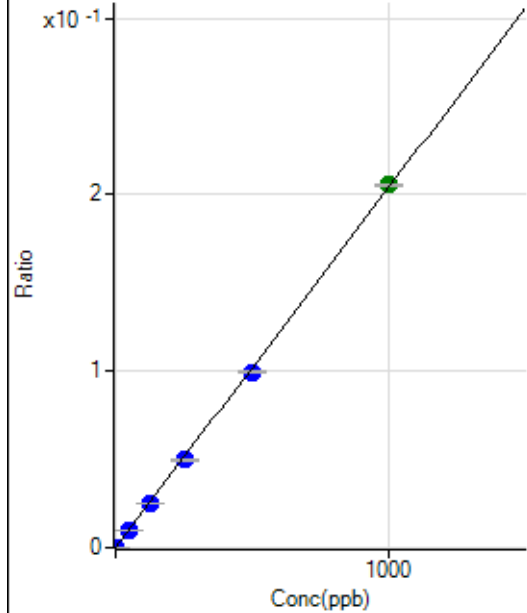
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			621.13		P	15.7
2	☐			673.35		P	2.3
3	☐			616.69		P	4.1
4	☐			565.57		P	9.1
5	☐			596.69		P	3.0
6	☐			542.24		P	10.6
7	☐			576.69		P	3.8
8	☐			596.68		P	13.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1018.94	0.0001	P	1.3
2	☐	1.000	0.967	3620.49	0.0003	P	0.8
3	☐	50.000	49.156	135828.44	0.0101	P	1.5
4	☐	125.000	121.024	333725.68	0.0247	P	1.0
5	☐	250.000	243.554	650075.35	0.0497	P	0.7
6	☐	500.000	487.817	1251456.89	0.0995	P	1.2
7	☐	1000.000	1008.242	2431636.86	0.2056	A	0.7
8	☐			30221.04	0.0025	P	2.6

$$y = 2.0380E-004 * x + 7.4842E-005$$

$$R = 0.9999$$

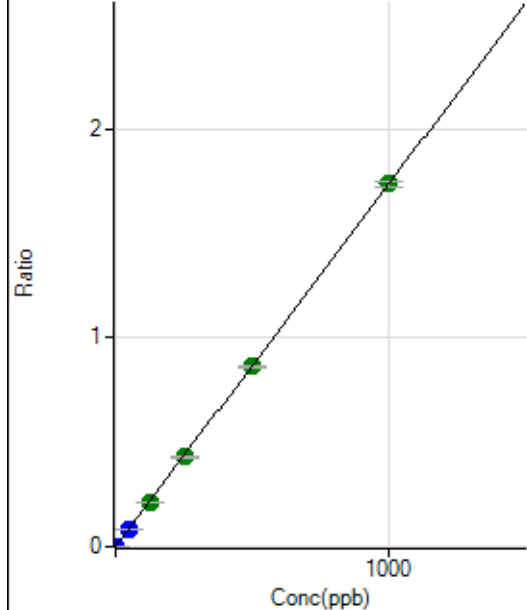
$$DL = 0.01388$$

$$BEC = 0.3672$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	160.00	0.0000	P	17.7
2	☐	1.000	0.958	22273.63	0.0017	P	1.4
3	☐	50.000	50.062	1167794.60	0.0868	P	1.1
4	☐	125.000	122.900	2872847.35	0.2130	A	1.4
5	☐	250.000	247.774	5614245.68	0.4294	A	1.7
6	☐	500.000	498.198	10859710.11	0.8633	A	0.9
7	☐	1000.000	1001.717	20531693.86	1.7358	A	1.3
8	☐			257078.35	0.0217	P	1.8

$$y = 0.0017 * x + 1.1769E-005$$

$$R = 1.0000$$

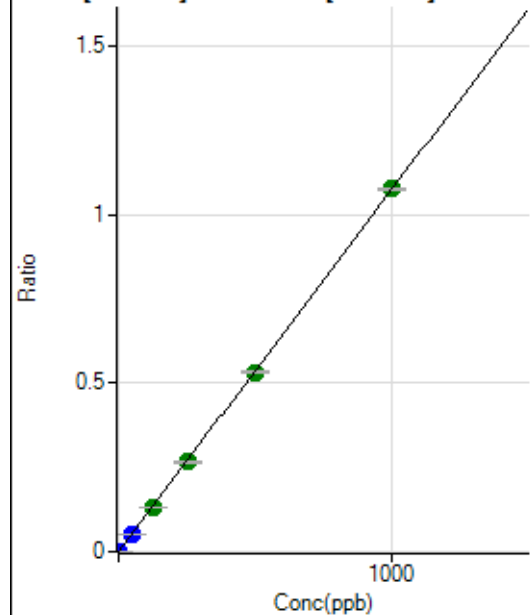
$$DL = 0.003598$$

$$BEC = 0.006792$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	436.68	0.0000	P	2.1
2	☐	1.000	0.972	14314.82	0.0011	P	2.9
3	☐	50.000	49.250	712207.18	0.0529	P	0.5
4	☐	125.000	122.582	1776162.16	0.1317	A	0.4
5	☐	250.000	247.257	3471914.50	0.2655	A	2.2
6	☐	500.000	495.801	6696373.10	0.5324	A	1.5
7	☐	1000.000	1003.125	12740842.17	1.0771	A	0.8
8	☐			11378.93	0.0010	P	3.3

$$y = 0.0011 * x + 3.2073E-005$$

$$R = 1.0000$$

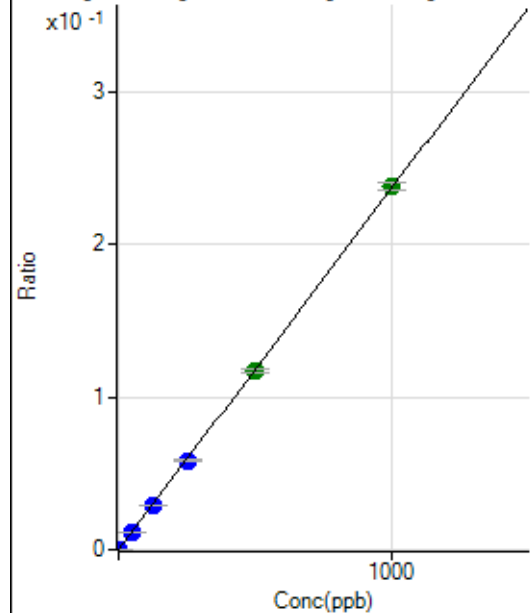
$$DL = 0.001918$$

$$BEC = 0.02987$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	13.1
2	☐	1.000	1.010	3263.73	0.0002	P	3.3
3	☐	50.000	49.665	158420.44	0.0118	P	1.4
4	☐	125.000	122.776	392430.66	0.0291	P	0.7
5	☐	250.000	246.710	764263.49	0.0584	P	1.3
6	☐	500.000	493.081	1469452.34	0.1168	A	2.0
7	☐	1000.000	1004.577	2814626.73	0.2380	A	2.2
8	☐			2441.34	0.0002	P	3.0

$$y = 2.3689E-004 * x + 5.9600E-006$$

$$R = 1.0000$$

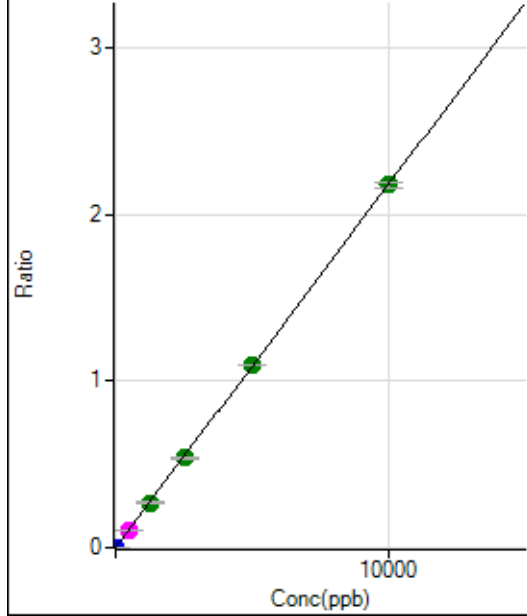
$$DL = 0.009923$$

$$BEC = 0.02516$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.12	0.0000	P	2.7
2	☐	5.000	5.761	16987.73	0.0013	P	2.3
3	☐	500.000	497.409	1462095.64	0.1086	M	1.1
4	☐	1250.000	1242.698	3660673.24	0.2713	A	0.4
5	☐	2500.000	2474.254	7063987.74	0.5402	A	1.3
6	☐	5000.000	5038.813	13839699.24	1.1002	A	0.5
7	☐	10000.000	9988.072	25795135.17	2.1808	A	1.3
8	☐			7841.05	0.0007	P	2.3

$$y = 2.1833E-004 * x + 1.7703E-005$$

$$R = 1.0000$$

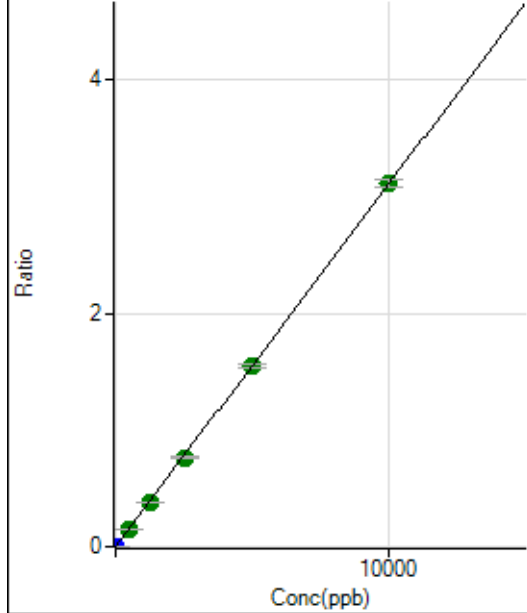
$$DL = 0.006664$$

$$BEC = 0.08108$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.23	0.0000	P	20.4
2	☐	5.000	4.889	20417.65	0.0015	P	2.1
3	☐	500.000	498.536	2084491.08	0.1549	A	0.8
4	☐	1250.000	1226.637	5140051.49	0.3810	A	1.3
5	☐	2500.000	2468.264	10025260.19	0.7667	A	1.7
6	☐	5000.000	4991.509	19501231.37	1.5504	A	1.6
7	☐	10000.000	10015.173	36793889.17	3.1108	A	2.0
8	☐			6136.91	0.0005	P	1.6

$$y = 3.1061E-004 * x + 1.4822E-005$$

$$R = 1.0000$$

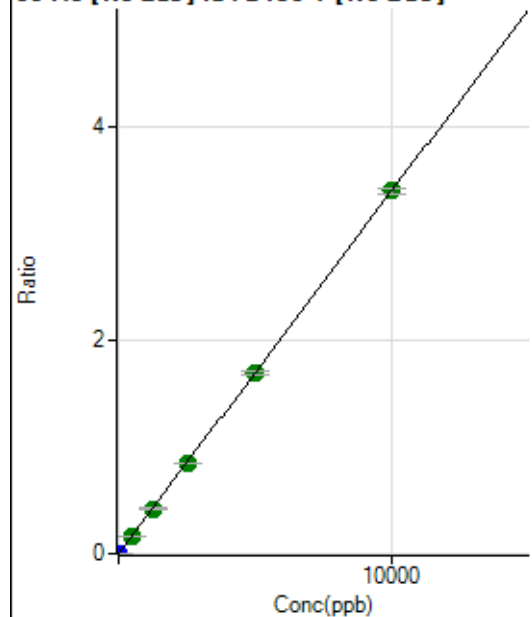
$$DL = 0.02915$$

$$BEC = 0.04772$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	257.78	0.0000	P	28.1
2	☐	5.000	4.989	22841.25	0.0017	P	1.9
3	☐	500.000	495.584	2268904.27	0.1686	A	1.0
4	☐	1250.000	1235.868	5668770.33	0.4203	A	2.7
5	☐	2500.000	2474.290	11004809.49	0.8415	A	0.3
6	☐	5000.000	4996.964	21375710.38	1.6995	A	1.8
7	☐	10000.000	10009.933	40266943.57	3.4044	A	1.5
8	☐			12354.19	0.0010	P	1.2

$$y = 3.4010E-004 * x + 1.8898E-005$$

$$R = 1.0000$$

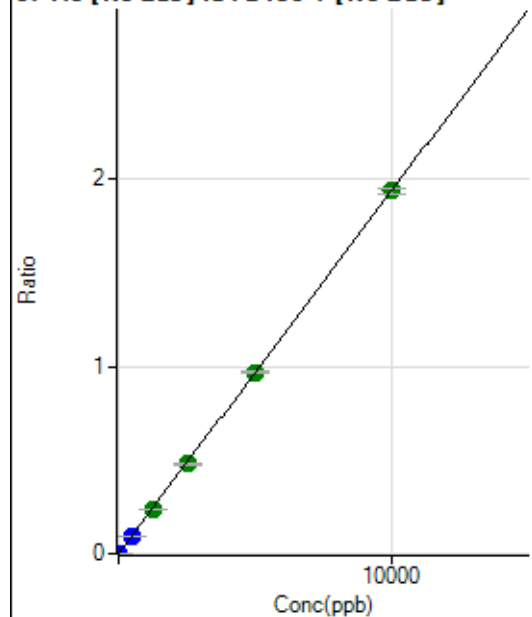
$$DL = 0.04677$$

$$BEC = 0.05557$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.89	0.0000	P	20.2
2	☐	5.000	5.037	13148.23	0.0010	P	2.4
3	☐	500.000	496.453	1294033.68	0.0961	P	1.6
4	☐	1250.000	1232.805	3220389.95	0.2387	A	1.4
5	☐	2500.000	2483.416	6288454.70	0.4809	A	1.5
6	☐	5000.000	5009.218	12201233.15	0.9700	A	1.4
7	☐	10000.000	10001.864	22908875.77	1.9368	A	1.4
8	☐			4090.62	0.0003	P	2.2

$$y = 1.9365E-004 * x + 1.1652E-005$$

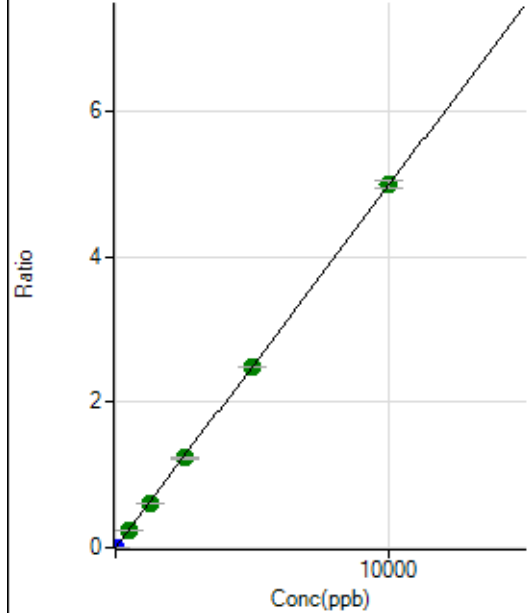
$$R = 1.0000$$

$$DL = 0.03655$$

$$BEC = 0.06017$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.23	0.0000	P	14.1
2	☐	5.000	4.880	32610.89	0.0024	P	1.0
3	☐	500.000	493.059	3300325.16	0.2452	A	1.3
4	☐	1250.000	1221.034	8191680.57	0.6072	A	1.0
5	☐	2500.000	2473.603	16086853.23	1.2301	A	2.2
6	☐	5000.000	4984.190	31178632.59	2.4786	A	0.6
7	☐	10000.000	10018.472	58926665.23	4.9821	A	2.0
8	☐			9479.84	0.0008	P	4.6

$$y = 4.9729\text{E-}004 * x + 2.2166\text{E-}005$$

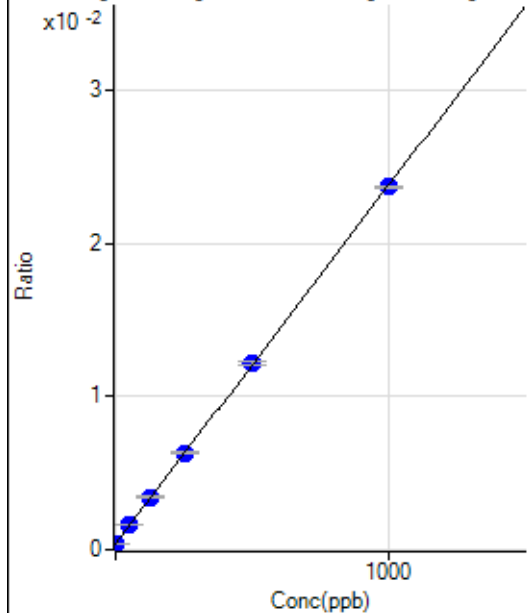
$$R = 1.0000$$

$$DL = 0.01888$$

$$BEC = 0.04457$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3277.07	0.0004	P	7.1
2	☐	1.000	0.582	3361.54	0.0004	P	2.8
3	☐	50.000	52.560	14210.38	0.0016	P	3.1
4	☐	125.000	131.506	30614.48	0.0034	P	1.7
5	☐	250.000	254.809	55686.20	0.0063	P	1.4
6	☐	500.000	503.643	103166.30	0.0122	P	1.5
7	☐	1000.000	996.035	188572.16	0.0237	P	0.6
8	☐			3132.60	0.0004	P	2.9

$$y = 2.3391\text{E-}005 * x + 3.7053\text{E-}004$$

$$R = 1.0000$$

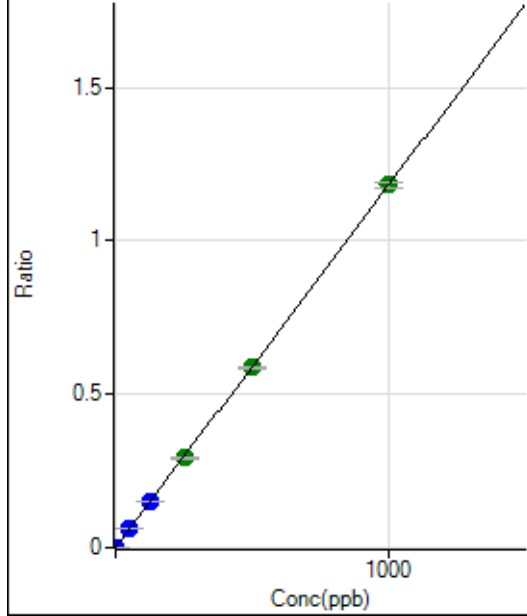
$$DL = 3.356$$

$$BEC = 15.84$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	34.6
2	☐	1.000	1.109	11536.89	0.0013	P	1.1
3	☐	50.000	51.407	539161.54	0.0607	P	2.5
4	☐	125.000	126.890	1330826.28	0.1498	P	0.5
5	☐	250.000	248.522	2580722.15	0.2934	A	1.5
6	☐	500.000	497.531	4986910.38	0.5874	A	1.3
7	☐	1000.000	1001.297	9417668.40	1.1821	A	1.3
8	☐			3555.87	0.0004	P	93.4

$$y = 0.0012 * x + 9.2087E-006$$

$$R = 1.0000$$

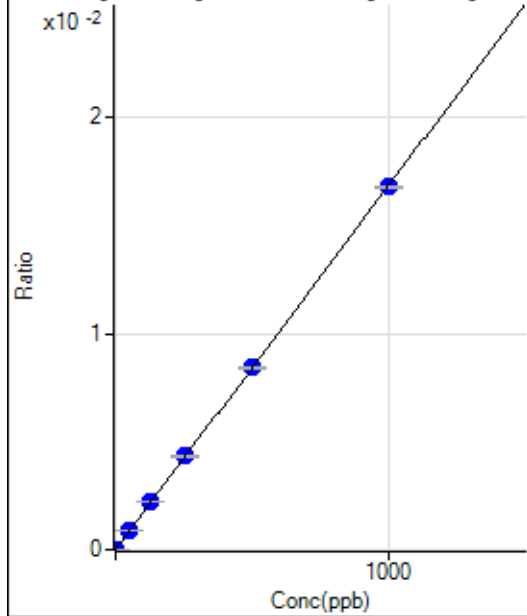
$$DL = 0.008098$$

$$BEC = 0.007801$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.9
2	☐	1.000	1.088	165.56	0.0000	P	8.5
3	☐	50.000	53.328	7974.48	0.0009	P	2.1
4	☐	125.000	130.908	19569.97	0.0022	P	1.4
5	☐	250.000	256.309	37929.55	0.0043	P	2.1
6	☐	500.000	500.931	71547.42	0.0084	P	1.3
7	☐	1000.000	997.052	133631.14	0.0168	P	0.3
8	☐			88.89	0.0000	P	13.6

$$y = 1.6821E-005 * x + 6.2374E-007$$

$$R = 1.0000$$

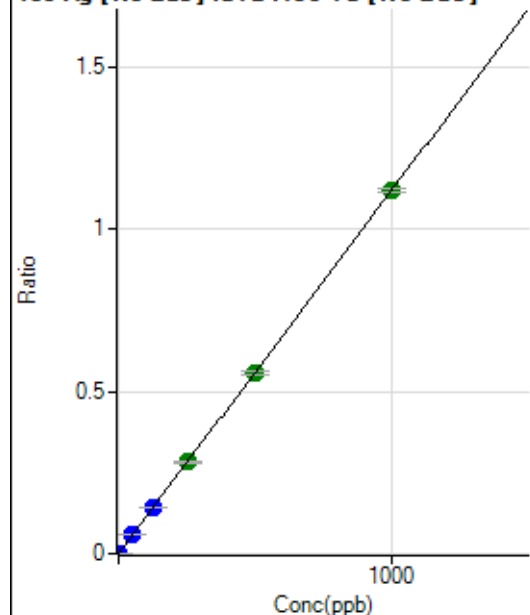
$$DL = 0.1022$$

$$BEC = 0.03708$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	28.9
2	☐	1.000	1.080	10627.31	0.0012	P	2.3
3	☐	50.000	51.343	510577.72	0.0575	P	1.9
4	☐	125.000	126.055	1253436.29	0.1411	P	0.9
5	☐	250.000	253.233	2493469.41	0.2835	A	1.5
6	☐	500.000	499.329	4745251.25	0.5589	A	2.2
7	☐	1000.000	999.328	8912337.09	1.1186	A	1.0
8	☐			1894.59	0.0002	P	16.7

$$y = 0.0011 * x + 5.8026E-006$$

$$R = 1.0000$$

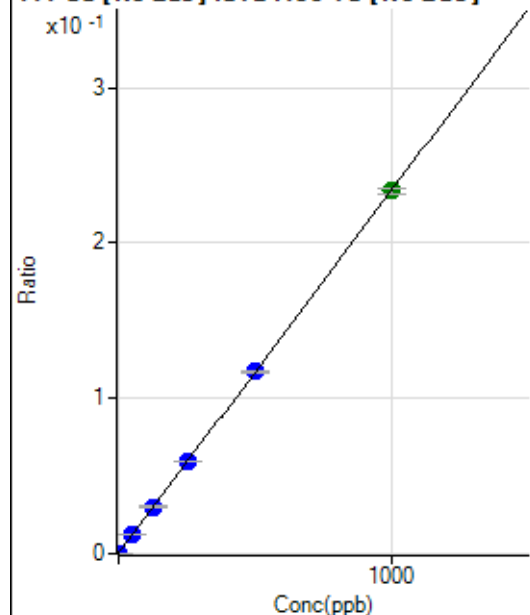
$$DL = 0.004501$$

$$BEC = 0.005184$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2298.95	0.0003	P	7.0
2	☐	1.000	0.903	4119.55	0.0005	P	0.9
3	☐	50.000	52.264	110772.81	0.0125	P	1.6
4	☐	125.000	128.620	269208.16	0.0303	P	1.1
5	☐	250.000	252.548	521236.76	0.0593	P	0.7
6	☐	500.000	500.534	994927.63	0.1172	P	0.9
7	☐	1000.000	998.530	1860623.39	0.2335	A	1.9
8	☐			3046.19	0.0004	P	3.1

$$y = 2.3360E-004 * x + 2.5994E-004$$

$$R = 1.0000$$

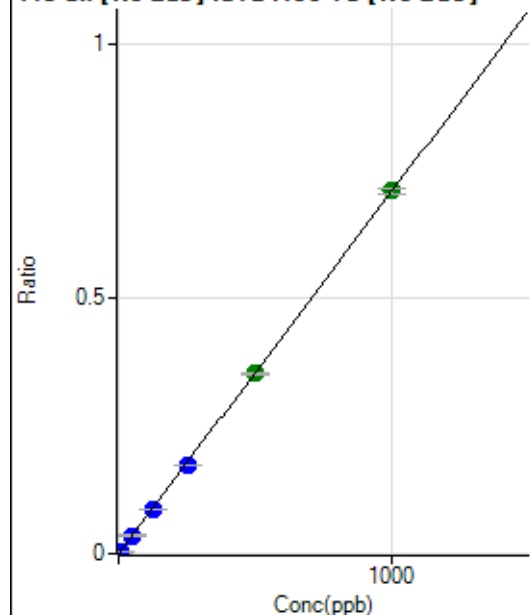
$$DL = 0.2321$$

$$BEC = 1.113$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	804.48	0.0001	P	4.7
2	☐	5.000	4.948	31507.82	0.0036	P	1.4
3	☐	50.000	50.268	317557.84	0.0357	P	1.6
4	☐	125.000	123.828	781037.07	0.0879	P	0.3
5	☐	250.000	243.568	1520428.28	0.1728	P	0.8
6	☐	500.000	498.021	2999783.19	0.3533	A	1.1
7	☐	1000.000	1002.731	5667155.26	0.7113	A	1.3
8	☐			2331.32	0.0003	P	5.1

$$y = 7.0926E-004 * x + 9.1043E-005$$

$$R = 1.0000$$

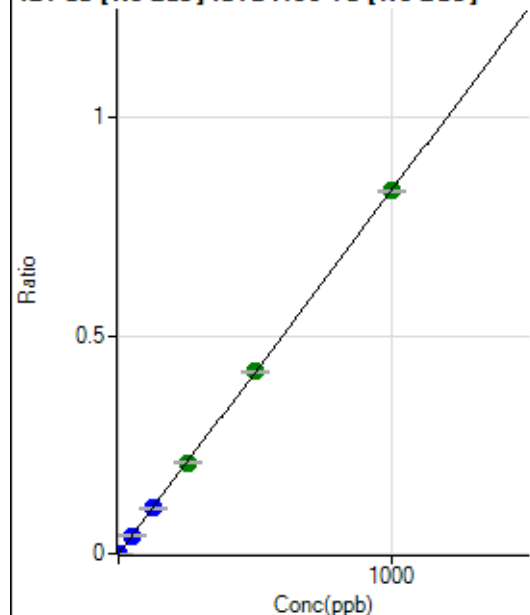
$$DL = 0.01825$$

$$BEC = 0.1284$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.45	0.0000	P	38.8
2	☐	2.000	2.047	14948.96	0.0017	P	2.5
3	☐	50.000	50.282	372048.01	0.0419	P	1.8
4	☐	125.000	124.810	923395.19	0.1039	P	0.9
5	☐	250.000	250.910	1838064.83	0.2090	A	1.5
6	☐	500.000	501.685	3547389.81	0.4178	A	1.5
7	☐	1000.000	998.940	6628510.87	0.8319	A	0.6
8	☐			5357.73	0.0007	P	1.7

$$y = 8.3281E-004 * x + 3.8953E-006$$

$$R = 1.0000$$

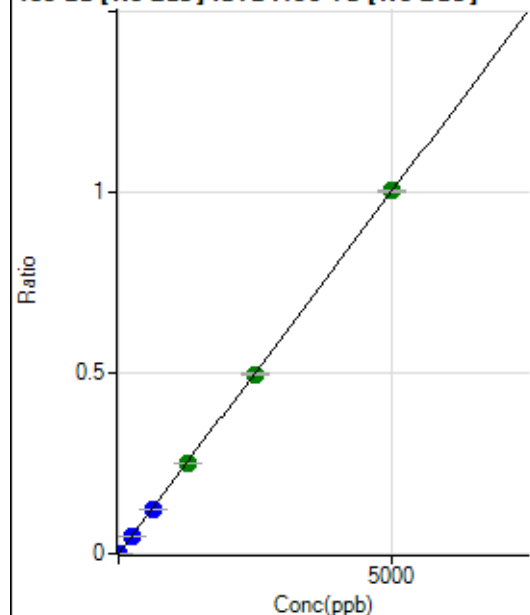
$$DL = 0.005438$$

$$BEC = 0.004677$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	11.5
2	☐	10.000	9.942	17423.03	0.0020	P	1.4
3	☐	250.000	246.667	437996.79	0.0493	P	1.3
4	☐	625.000	611.356	1085432.64	0.1222	P	0.7
5	☐	1250.000	1245.914	2190463.54	0.2490	A	0.9
6	☐	2500.000	2479.789	4207661.92	0.4956	A	0.7
7	☐	5000.000	5012.999	7981673.08	1.0018	A	0.8
8	☐			4813.08	0.0006	P	1.7

$$y = 1.9984\text{E-}004 * x + 4.3946\text{E-}006$$

$$R = 1.0000$$

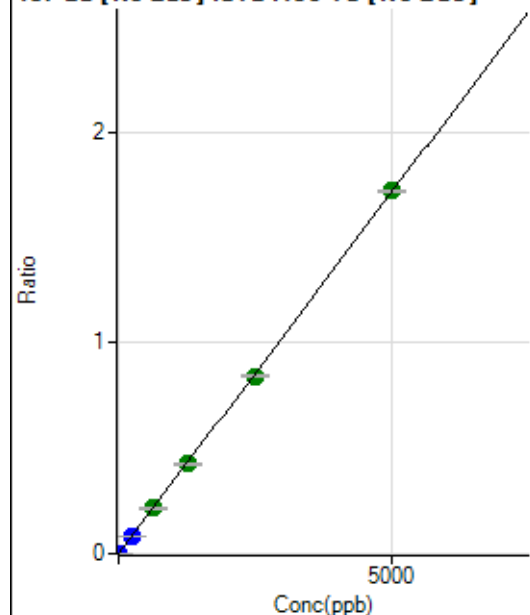
$$DL = 0.007575$$

$$BEC = 0.02199$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	7.6
2	☐	10.000	9.775	29326.97	0.0034	P	1.3
3	☐	250.000	249.438	758555.36	0.0854	P	1.5
4	☐	625.000	626.413	1905001.85	0.2144	A	1.7
5	☐	1250.000	1243.997	3745575.19	0.4258	A	1.2
6	☐	2500.000	2455.785	7136598.09	0.8405	A	0.6
7	☐	5000.000	5023.460	13698895.21	1.7194	A	0.2
8	☐			8209.10	0.0010	P	0.5

$$y = 3.4226\text{E-}004 * x + 6.9200\text{E-}006$$

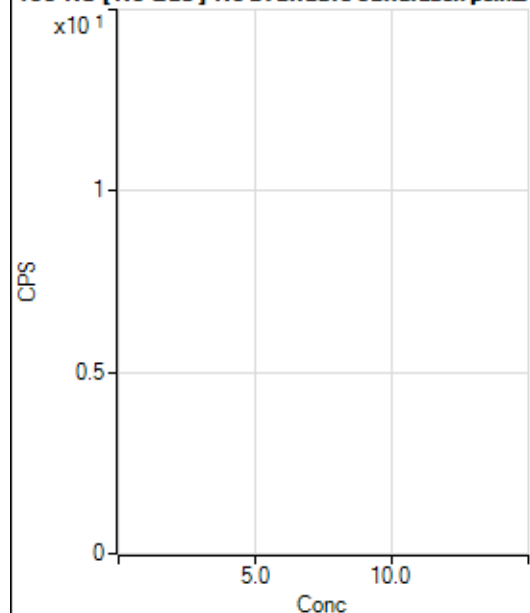
$$R = 0.9999$$

$$DL = 0.004616$$

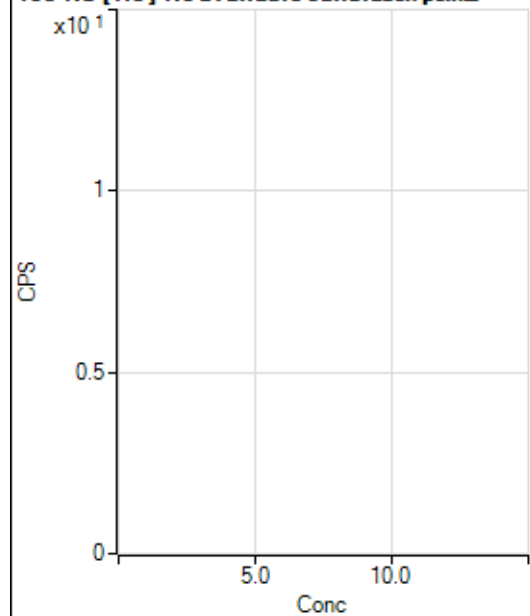
$$BEC = 0.02022$$

Weight: <None>

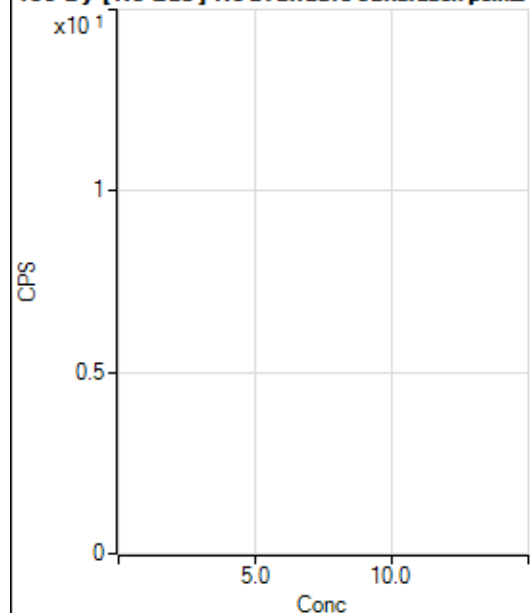
Min Conc: <None>

150 Nd [No Gas] No available calibration points

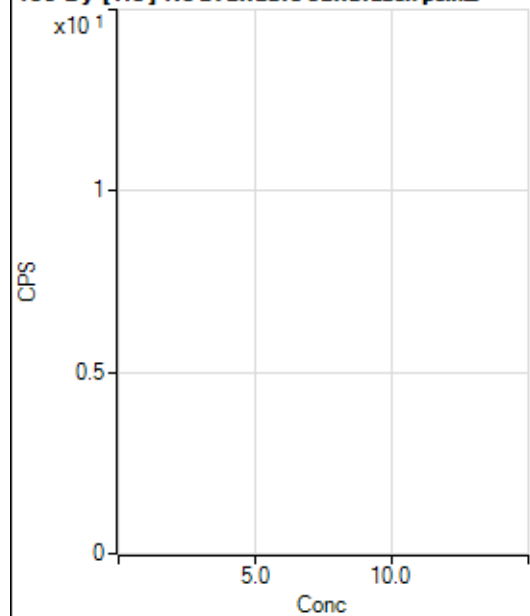
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			7.78		P	65.5
3	☐			23.33		P	37.8
4	☐			32.22		P	46.6
5	☐			85.55		P	12.5
6	☐			137.78		P	18.5
7	☐			276.67		P	14.2
8	☐			171.12		P	9.2

150 Nd [He] No available calibration points

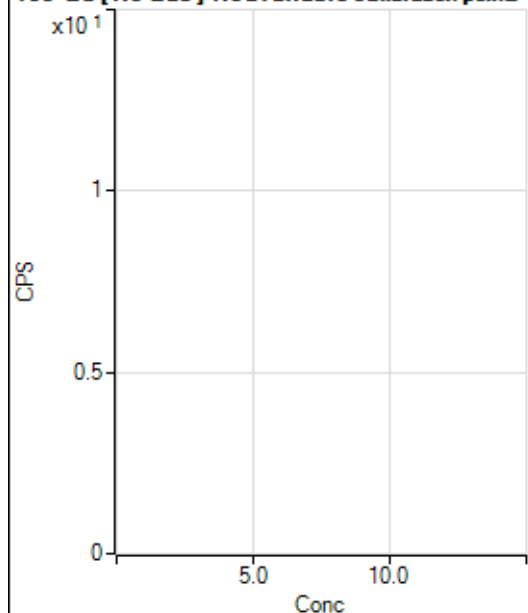
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			3.33		P	100.
3	☐			12.22		P	78.7
4	☐			13.33		P	75.0
5	☐			21.11		P	55.4
6	☐			44.44		P	43.3
7	☐			67.78		P	20.5
8	☐			94.45		P	10.8

156 Dy [No Gas] No available calibration points

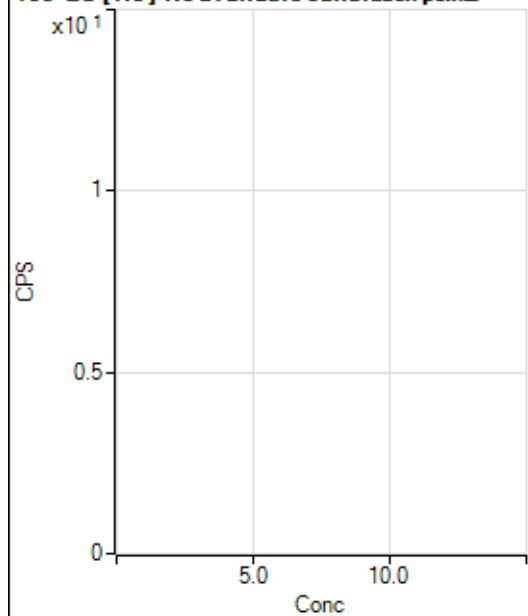
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			12.22		P	15.7
3	☐			13.33		P	25.0
4	☐			33.33		P	0.0
5	☐			47.78		P	21.3
6	☐			72.22		P	35.2
7	☐			143.34		P	19.0
8	☐			331.12		P	6.5

156 Dy [He] No available calibration points

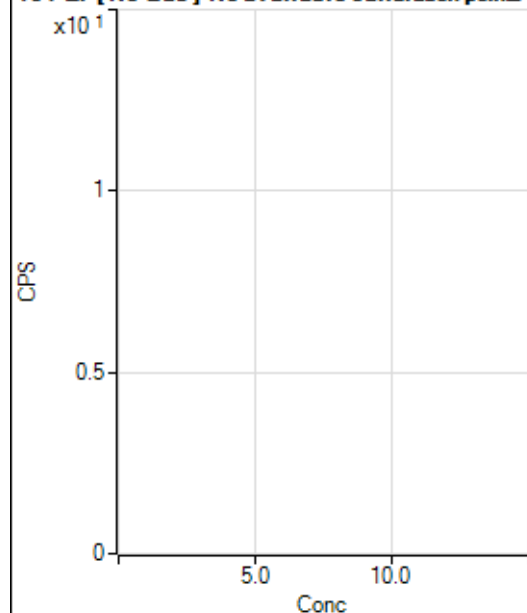
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.45		P	86.6
3	☐			18.89		P	27.0
4	☐			50.00		P	11.5
5	☐			133.34		P	25.4
6	☐			215.56		P	17.9
7	☐			407.79		P	9.0
8	☐			268.90		P	6.4

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

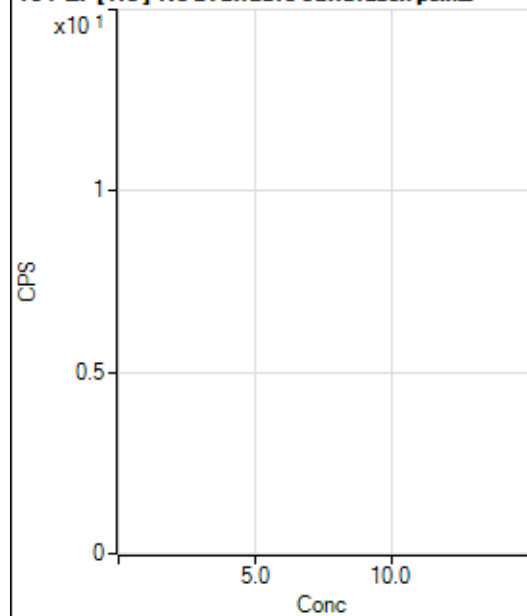
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			62.22		P	17.2
2	☐			55.56		P	50.0
3	☐			63.33		P	29.3
4	☐			57.78		P	35.3
5	☐			93.34		P	27.9
6	☐			104.44		P	24.0
7	☐			151.11		P	21.2
8	☐			451.13		P	23.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			350.01		P	2.9
2	☐			393.34		P	14.0
3	☐			330.01		P	3.6
4	☐			366.68		P	4.2
5	☐			393.34		P	3.4
6	☐			380.01		P	3.2
7	☐			412.23		P	4.9
8	☐			618.91		P	3.8

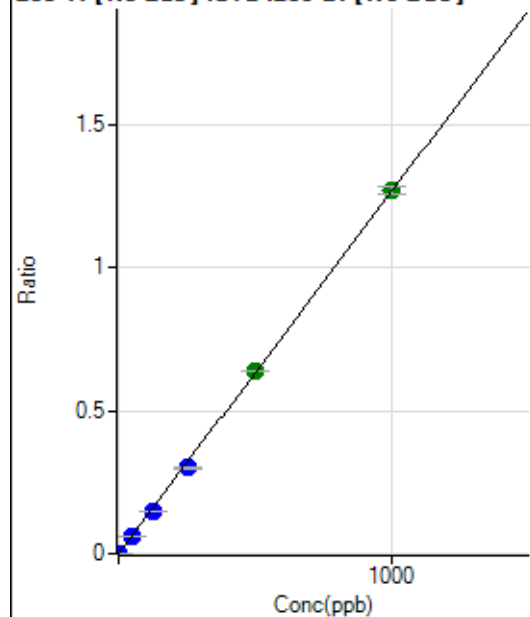
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			65.56		P	33.9
2	☐			78.89		P	21.3
3	☐			71.11		P	21.1
4	☐			80.00		P	30.0
5	☐			127.78		P	27.2
6	☐			176.67		P	15.1
7	☐			258.89		P	6.5
8	☐			751.14		P	5.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	35.8
2	☐			46.67		P	39.8
3	☐			41.11		P	36.6
4	☐			48.89		P	10.4
5	☐			83.33		P	22.3
6	☐			91.11		P	22.4
7	☐			172.22		P	13.2
8	☐			542.24		P	7.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.56	0.0000	P	14.4
2	☐	1.000	0.997	6947.40	0.0013	P	3.3
3	☐	50.000	47.336	325326.52	0.0599	P	1.8
4	☐	125.000	118.609	807769.52	0.1501	P	1.1
5	☐	250.000	236.783	1585525.62	0.2997	P	1.8
6	☐	500.000	504.546	3256307.66	0.6386	A	0.8
7	☐	1000.000	1001.963	6076186.02	1.2681	A	2.2
8	☐			8029.11	0.0018	P	1.0

$$y = 0.0013 * x + 3.2322E-005$$

$$R = 0.9999$$

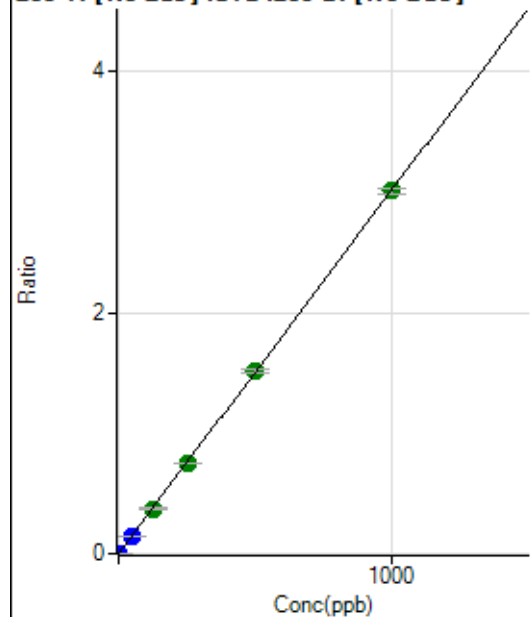
$$DL = 0.011$$

$$BEC = 0.02554$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	431.12	0.0001	P	4.9
2	☐	1.000	0.944	15702.51	0.0029	P	2.2
3	☐	50.000	46.567	762272.19	0.1404	P	1.8
4	☐	125.000	124.357	2017184.59	0.3749	A	1.5
5	☐	250.000	248.552	3964322.75	0.7492	A	0.7
6	☐	500.000	503.490	7738451.00	1.5176	A	1.7
7	☐	1000.000	998.869	14427496.17	3.0106	A	1.4
8	☐			18948.88	0.0044	P	1.5

$$y = 0.0030 * x + 7.9645E-005$$

$$R = 1.0000$$

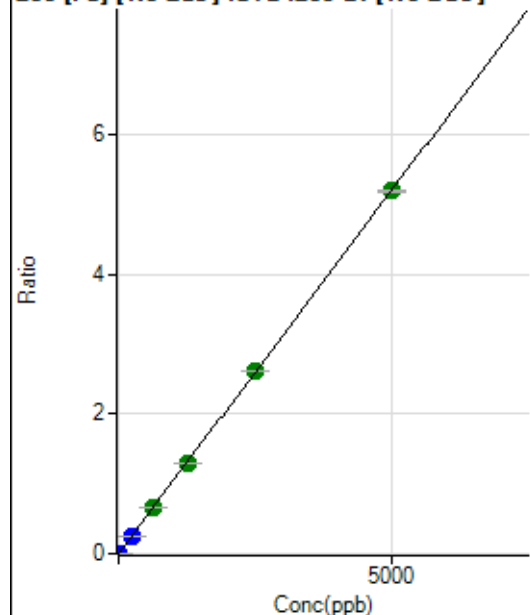
$$DL = 0.003856$$

$$BEC = 0.02643$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	482.24	0.0001	P	8.8
2	☐	1.000	0.814	5012.10	0.0009	P	1.2
3	☐	250.000	234.252	1320468.21	0.2433	P	1.9
4	☐	625.000	627.039	3502625.75	0.6510	A	1.2
5	☐	1250.000	1245.060	6838919.20	1.2926	A	1.5
6	☐	2500.000	2511.012	13293550.63	2.6068	A	0.6
7	☐	5000.000	4996.262	24860075.19	5.1868	A	0.8
8	☐			6428.24	0.0015	P	3.1

$$y = 0.0010 * x + 8.9165E-005$$

$$R = 1.0000$$

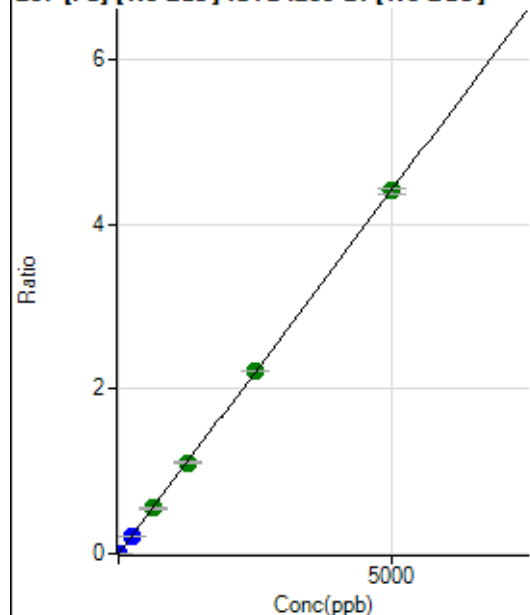
$$DL = 0.02267$$

$$BEC = 0.08589$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	408.90	0.0001	P	5.0
2	☐	1.000	0.802	4205.14	0.0008	P	2.8
3	☐	250.000	232.043	1111693.33	0.2048	P	1.4
4	☐	625.000	626.374	2973495.86	0.5527	A	2.1
5	☐	1250.000	1249.906	5835097.69	1.1029	A	1.6
6	☐	2500.000	2517.125	11326089.83	2.2209	A	0.6
7	☐	5000.000	4992.187	21108316.49	4.4047	A	1.5
8	☐			5394.47	0.0012	P	2.2

$$y = 8.8229E-004 * x + 7.5547E-005$$

$$R = 1.0000$$

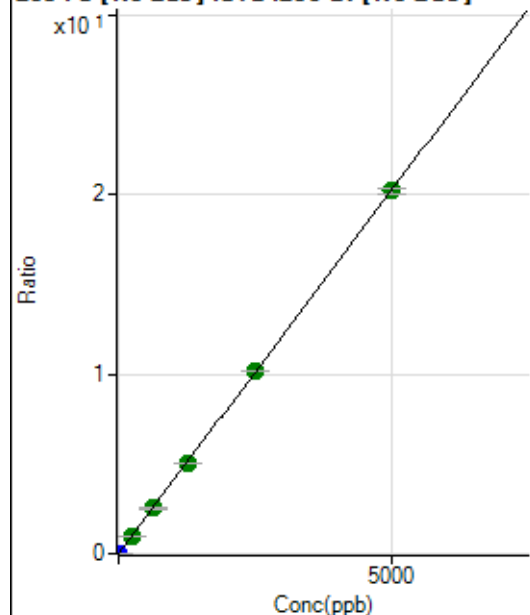
$$DL = 0.01281$$

$$BEC = 0.08563$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1805.62	0.0003	P	7.9
2	☐	1.000	0.804	19271.06	0.0036	P	0.7
3	☐	250.000	240.071	5277772.49	0.9724	A	1.8
4	☐	625.000	623.890	13591806.22	2.5264	A	1.6
5	☐	1250.000	1250.499	26792947.51	5.0635	A	1.0
6	☐	2500.000	2514.956	51929020.61	10.1831	A	0.4
7	☐	5000.000	4993.033	96885439.81	20.2165	A	1.2
8	☐			24599.97	0.0057	P	1.9

$$y = 0.0040 * x + 3.3380E-004$$

$$R = 1.0000$$

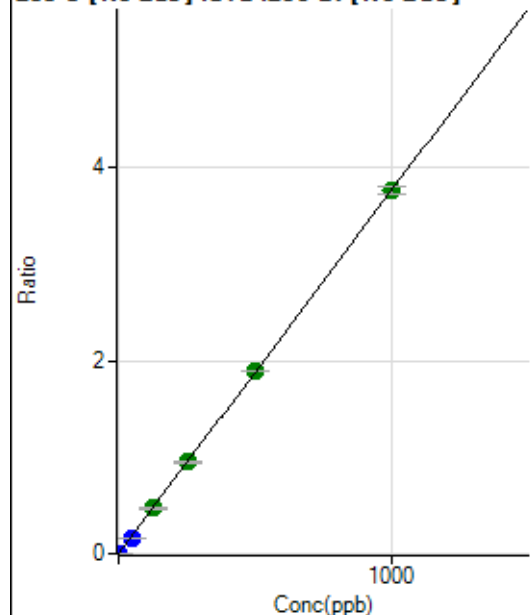
$$DL = 0.01952$$

$$BEC = 0.08244$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	86.4
2	☐	1.000	0.881	17810.05	0.0033	P	0.8
3	☐	50.000	44.266	903323.14	0.1664	P	1.5
4	☐	125.000	124.843	2525364.68	0.4693	A	2.1
5	☐	250.000	251.694	5005780.62	0.9462	A	2.9
6	☐	500.000	502.128	9626758.33	1.8877	A	0.3
7	☐	1000.000	998.819	17993161.12	3.7550	A	2.1
8	☐			553.35	0.0001	P	23.3

$$y = 0.0038 * x + 7.4773E-006$$

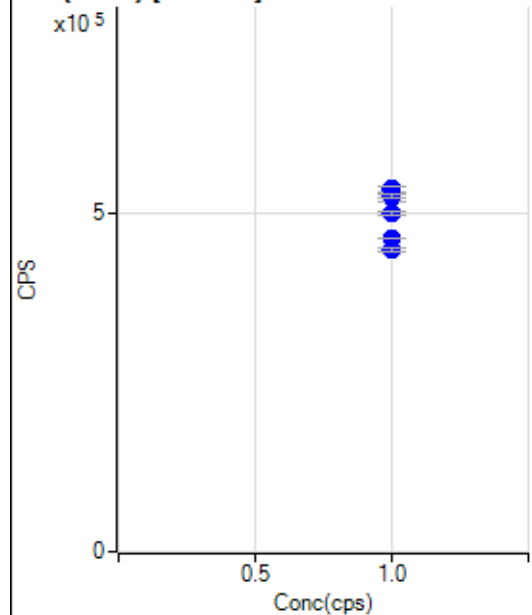
$$R = 1.0000$$

$$DL = 0.005154$$

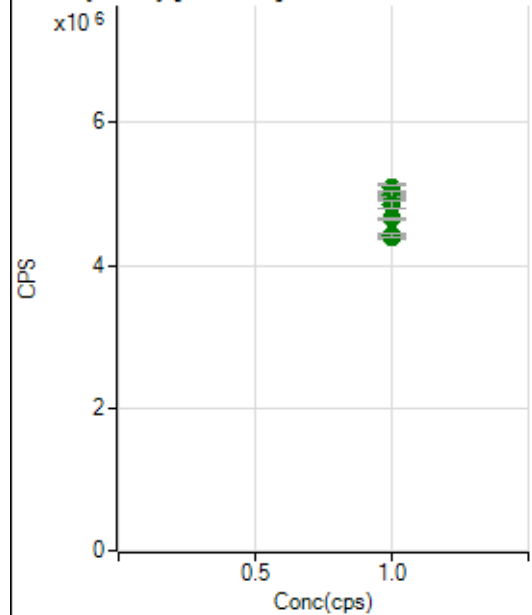
$$BEC = 0.001989$$

Weight: <None>

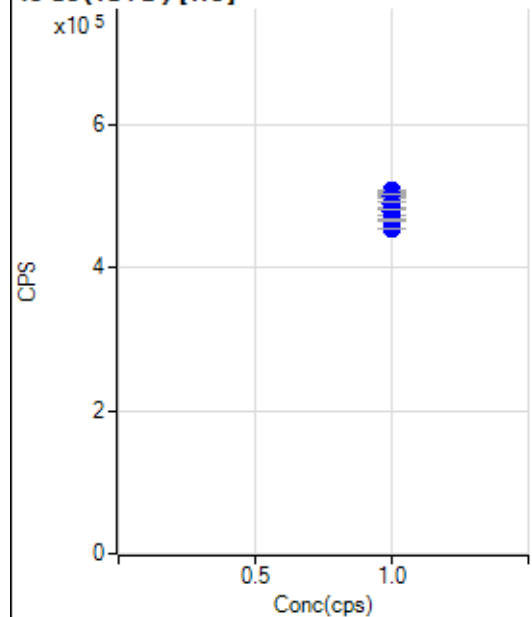
Min Conc: <None>

6 Li (ISTD) [No Gas]

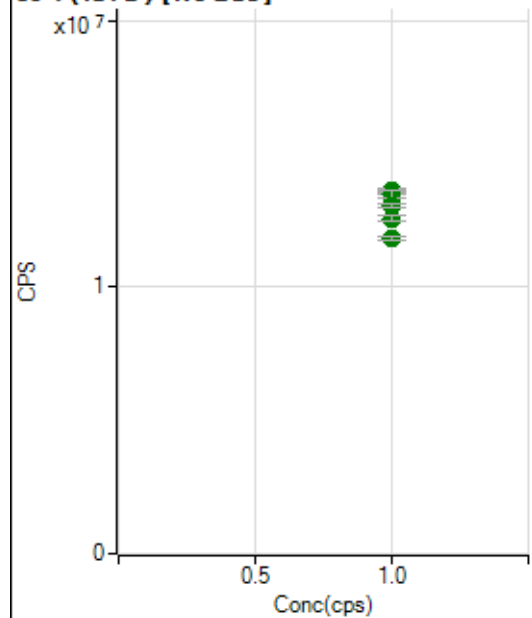
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		522929.77		P	2.2
2	☐	1.000		524807.79		P	3.0
3	☐	1.000		534430.25		P	2.4
4	☐	1.000		536234.42		P	1.6
5	☐	1.000		524617.23		P	1.2
6	☐	1.000		501037.57		P	0.9
7	☐	1.000		463661.92		P	0.4
8	☐	1.000		445550.92		P	1.4

45 Sc (ISTD) [No Gas]

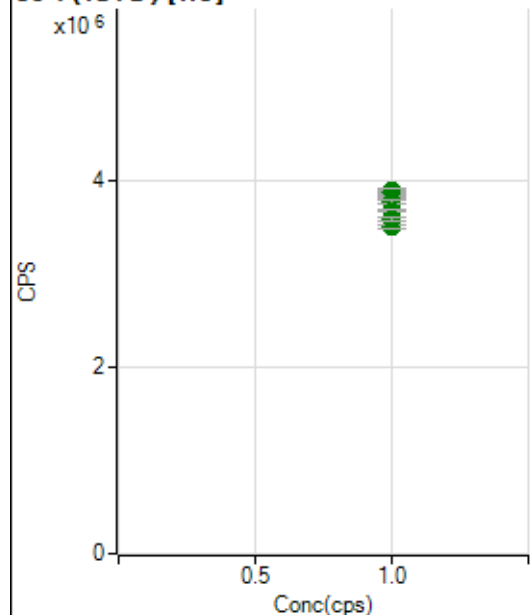
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5087287.49		A	2.2
2	☐	1.000		4983509.09		A	1.5
3	☐	1.000		5048272.53		A	2.7
4	☐	1.000		4998583.46		A	1.5
5	☐	1.000		4850483.54		A	1.9
6	☐	1.000		4655899.17		A	0.4
7	☐	1.000		4387750.66		A	1.4
8	☐	1.000		4428666.84		A	1.4

45 Sc (ISTD) [He]

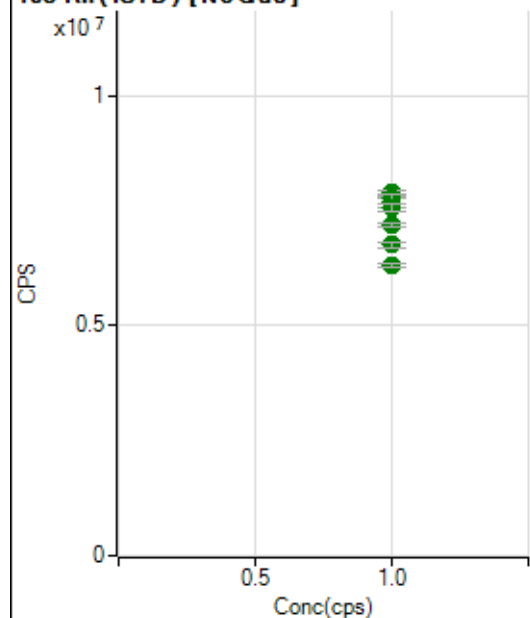
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		506294.06		P	0.2
2	☐	1.000		498847.90		P	0.7
3	☐	1.000		506993.68		P	0.7
4	☐	1.000		500146.75		P	1.0
5	☐	1.000		487841.64		P	1.2
6	☐	1.000		477222.33		P	1.5
7	☐	1.000		454416.61		P	0.2
8	☐	1.000		467172.19		P	0.6

89 Y (ISTD) [No Gas]

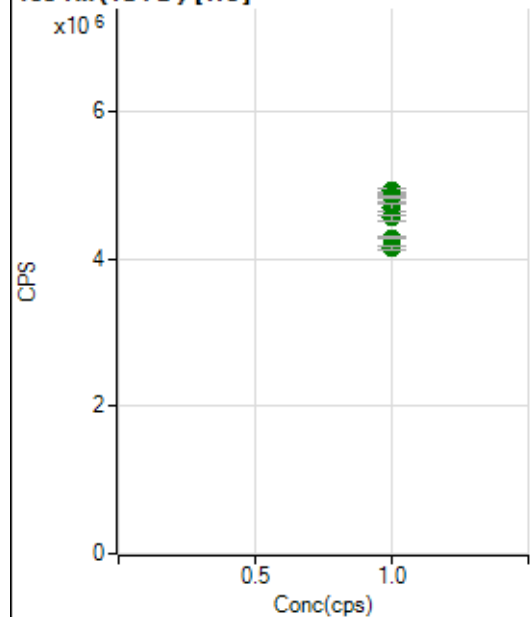
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13616223.55		A	1.6
2	☐	1.000		13318103.41		A	3.0
3	☐	1.000		13460305.91		A	2.0
4	☐	1.000		13491605.77		A	2.3
5	☐	1.000		13077013.28		A	1.2
6	☐	1.000		12579867.45		A	1.5
7	☐	1.000		11829160.24		A	1.2
8	☐	1.000		11869235.94		A	1.3

89 Y (ISTD) [He]

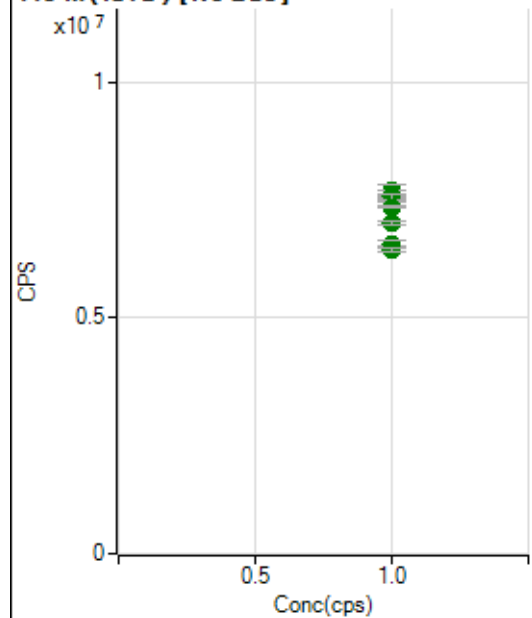
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3889010.50		A	0.9
2	☐	1.000		3835670.32		A	0.9
3	☐	1.000		3876055.81		A	2.0
4	☐	1.000		3817461.02		A	0.6
5	☐	1.000		3768794.18		A	1.0
6	☐	1.000		3676454.15		A	0.7
7	☐	1.000		3501827.13		A	1.5
8	☐	1.000		3587325.64		A	0.9

103 Rh (ISTD) [No Gas]

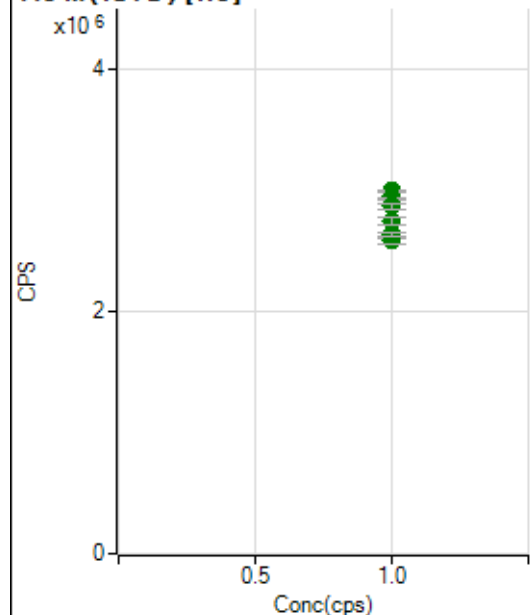
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7889670.65		A	1.9
2	☐	1.000		7689066.90		A	3.0
3	☐	1.000		7855814.61		A	2.0
4	☐	1.000		7763100.93		A	2.4
5	☐	1.000		7573632.46		A	1.9
6	☐	1.000		7189326.91		A	0.8
7	☐	1.000		6767018.72		A	1.7
8	☐	1.000		6294520.11		A	1.3

103 Rh (ISTD) [He]

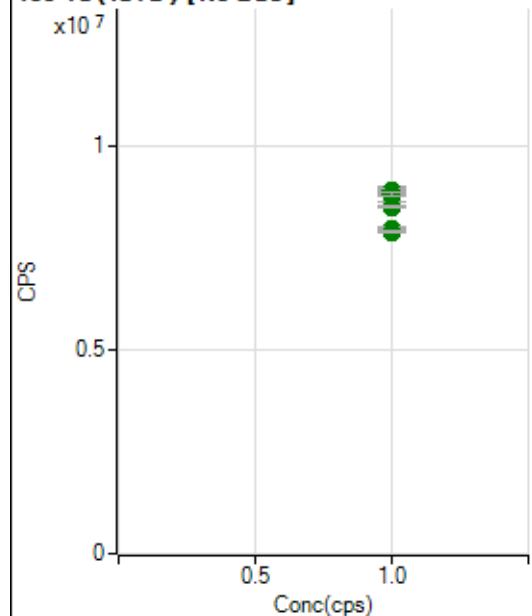
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4873082.74		A	1.6
2	☐	1.000		4827921.94		A	1.8
3	☐	1.000		4925542.28		A	1.2
4	☐	1.000		4851052.08		A	0.7
5	☐	1.000		4705685.90		A	2.2
6	☐	1.000		4564284.86		A	1.7
7	☐	1.000		4287541.74		A	0.5
8	☐	1.000		4153269.87		A	1.6

115 In (ISTD) [No Gas]

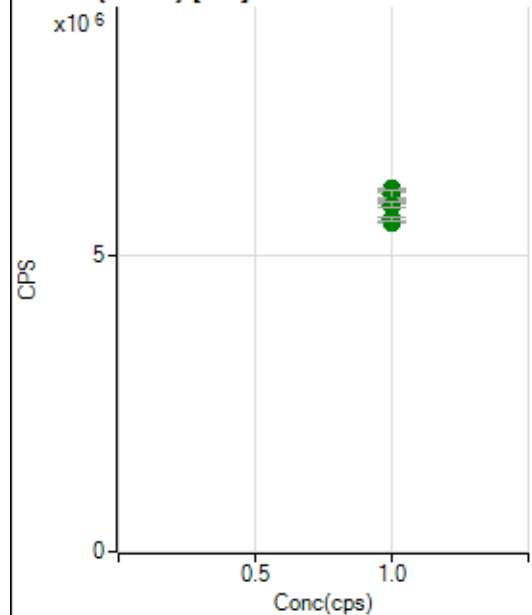
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7686477.34		A	3.2
2	☐	1.000		7563907.26		A	3.2
3	☐	1.000		7620738.85		A	1.7
4	☐	1.000		7561873.67		A	1.2
5	☐	1.000		7350821.33		A	0.8
6	☐	1.000		7006575.38		A	0.7
7	☐	1.000		6574209.19		A	1.6
8	☐	1.000		6434956.88		A	1.6

115 In (ISTD) [He]

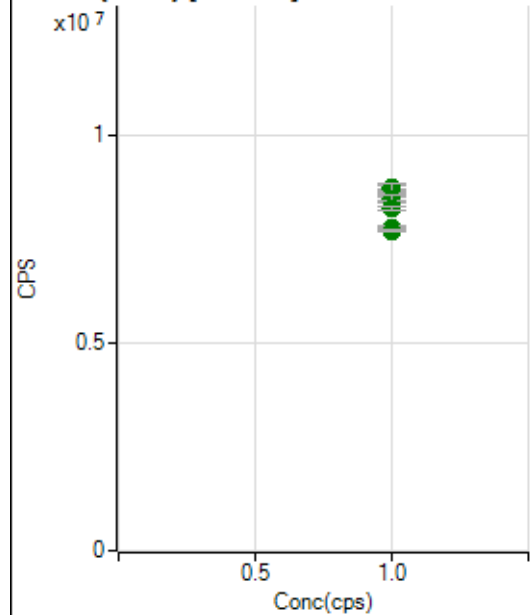
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2993997.64		A	0.8
2	☐	1.000		2933130.51		A	0.7
3	☐	1.000		2951220.07		A	1.8
4	☐	1.000		2927895.62		A	1.0
5	☐	1.000		2869818.01		A	1.6
6	☐	1.000		2749362.39		A	2.3
7	☐	1.000		2581628.59		A	1.6
8	☐	1.000		2632105.22		A	0.9

159 Tb (ISTD) [No Gas]

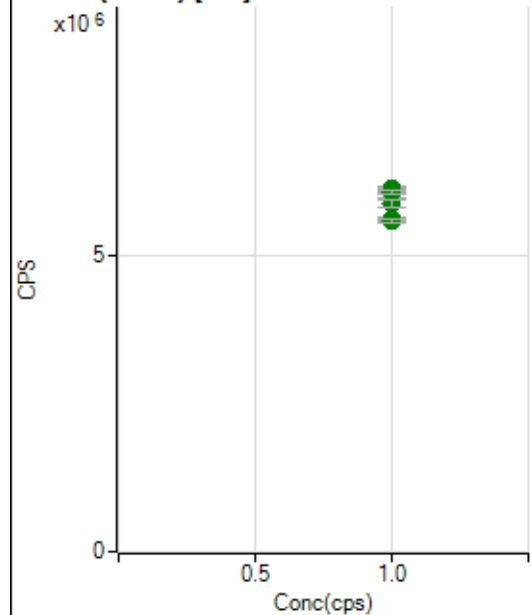
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8837344.87		A	1.7
2	☐	1.000		8749199.38		A	2.6
3	☐	1.000		8886665.77		A	2.6
4	☐	1.000		8883936.81		A	1.3
5	☐	1.000		8797137.02		A	1.3
6	☐	1.000		8490665.15		A	0.5
7	☐	1.000		7967406.55		A	0.6
8	☐	1.000		7888392.87		A	0.4

159 Tb (ISTD) [He]

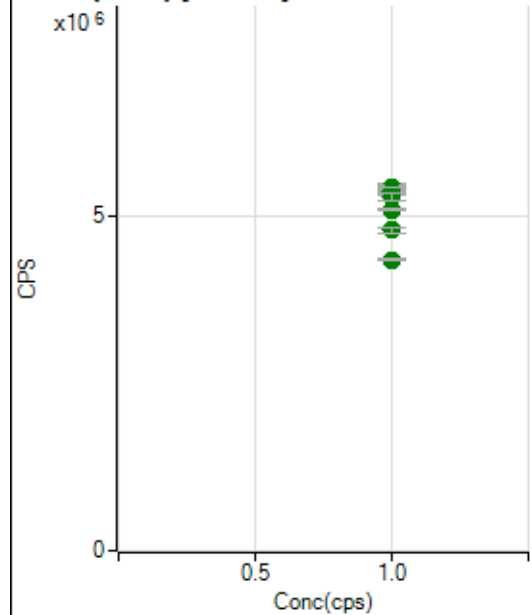
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6086364.22		A	0.7
2	☐	1.000		5902186.86		A	1.2
3	☐	1.000		6105178.66		A	0.6
4	☐	1.000		6124005.81		A	0.5
5	☐	1.000		6042964.29		A	2.2
6	☐	1.000		5850212.00		A	1.8
7	☐	1.000		5552821.93		A	0.4
8	☐	1.000		5618554.08		A	0.9

165 Ho (ISTD) [No Gas]

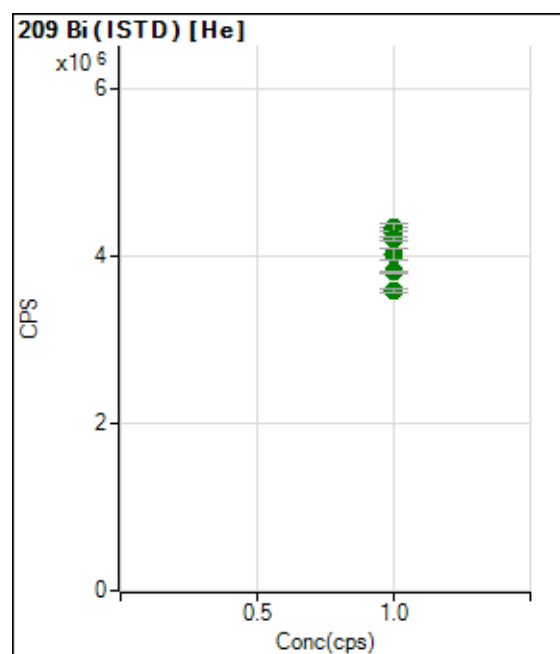
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8731266.88		A	1.0
2	☐	1.000		8497580.08		A	3.2
3	☐	1.000		8585797.03		A	1.4
4	☐	1.000		8708956.74		A	2.5
5	☐	1.000		8487832.37		A	1.3
6	☐	1.000		8237166.54		A	0.7
7	☐	1.000		7789090.86		A	0.3
8	☐	1.000		7699882.38		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6095031.99		A	0.8
2	☐	1.000		6018608.45		A	1.7
3	☐	1.000		6117272.06		A	1.6
4	☐	1.000		6112696.99		A	0.7
5	☐	1.000		6065052.27		A	0.9
6	☐	1.000		5876074.29		A	2.0
7	☐	1.000		5618221.79		A	1.2
8	☐	1.000		5586176.90		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5417419.05		A	2.9
2	☐	1.000		5368247.18		A	1.8
3	☐	1.000		5428518.70		A	1.8
4	☐	1.000		5380741.34		A	2.0
5	☐	1.000		5291797.77		A	2.0
6	☐	1.000		5099626.73		A	0.8
7	☐	1.000		4792975.76		A	1.8
8	☐	1.000		4352704.83		A	0.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4322714.73		A	1.2
2	☐	1.000		4275596.39		A	1.6
3	☐	1.000		4333308.03		A	1.3
4	☐	1.000		4344685.32		A	2.2
5	☐	1.000		4207360.84		A	1.0
6	☐	1.000		4032734.21		A	3.5
7	☐	1.000		3816206.23		A	0.8
8	☐	1.000		3594218.49		A	0.9