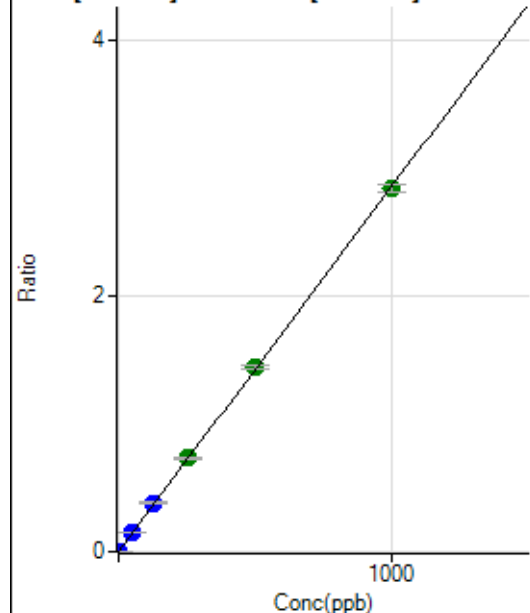


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040125-MS.b\
Analysis File: P8040125-MS.batch.bin
DA Date-Time: 2025-04-01 17:41:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-01 11:12:58
2	006CALS.d	S02	2025-04-01 11:19:44
3	007CALB.d	S03	2025-04-01 11:23:06
4	008CALS.d	S04	2025-04-01 11:26:06
5	009CALS.d	S05	2025-04-01 11:28:57
6	010CALS.d	S06	2025-04-01 11:31:45
7	011CALS.d	S07	2025-04-01 11:34:30
8	012CALS.d	S08	2025-04-01 11:37:21

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	37.85	0.0000	P	11.1
2	☐	1.000	1.066	7410.40	0.0031	P	3.0
3	☐	50.000	54.405	382759.03	0.1552	P	1.6
4	☐	125.000	133.761	917595.86	0.3816	P	1.2
5	☐	250.000	256.075	1709417.86	0.7305	A	1.6
6	☐	500.000	506.135	3279407.85	1.4437	A	1.6
7	☐	1000.000	994.098	6348310.57	2.8356	A	2.1
8	☐			423.74	0.0002	P	16.3

$$y = 0.0029 * x + 1.5828E-005$$

$$R = 0.9999$$

$$DL = 0.00184$$

$$BEC = 0.005549$$

Weight: <None>

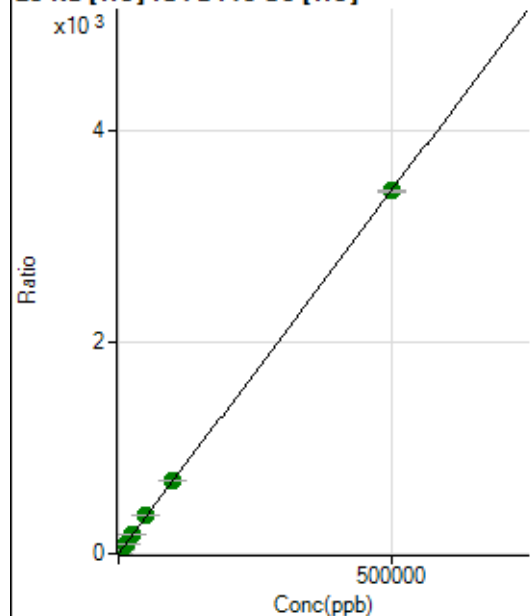
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4827372.81		A	2.9
2	☐			4840229.96		A	2.1
3	☐			4811297.22		A	1.6
4	☐			4771349.20		A	1.4
5	☐			4829757.08		A	0.3
6	☐			5066860.17		A	0.5
7	☐			5600537.21		A	0.4
8	☐			4709392.50		A	2.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			34356.80		P	1.0
2	☐			34853.47		P	0.8
3	☐			34121.77		P	0.8
4	☐			34913.62		P	0.4
5	☐			35969.48		P	0.5
6	☐			38726.48		P	0.3
7	☐			44812.50		P	1.1
8	☐			46962.45		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	59197.13	0.4830	P	1.0
2	☐	500.000	470.854	448808.48	3.7093	P	7.4
3	☐	5000.000	5415.081	4484065.94	37.5871	A	1.1
4	☐	12500.000	13394.596	10798701.50	92.2627	A	0.4
5	☐	25000.000	26417.774	20746525.39	181.4973	A	0.8
6	☐	50000.000	51922.471	41618877.71	356.2552	A	0.9
7	☐	100000.00	100032.04	82666827.65	685.9014	A	0.3
8	☐	500000.00	499703.96	399008011.83	3,424.4483	A	0.6

$$y = 0.0069 * x + 0.4830$$

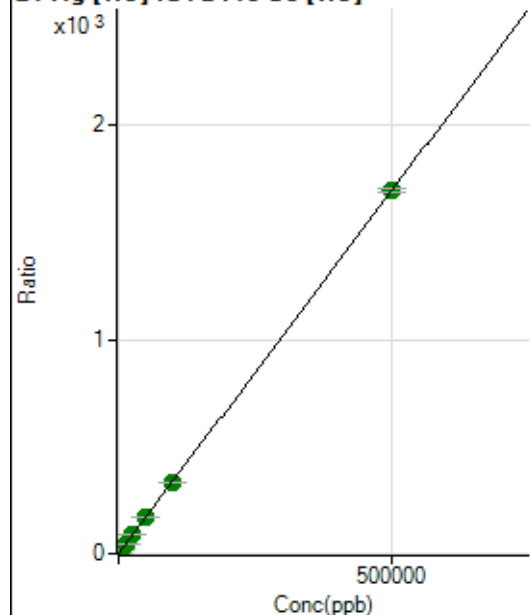
$$R = 1.0000$$

$$DL = 2.017$$

$$BEC = 70.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	370.01	0.0030	P	17.1
2	☐	500.000	454.005	186525.69	1.5416	P	13.3
3	☐	5000.000	5438.956	2199377.62	18.4346	A	1.5
4	☐	12500.000	13271.593	5264229.09	44.9780	A	0.7
5	☐	25000.000	26348.846	10206865.47	89.2943	A	1.1
6	☐	50000.000	51182.806	20263202.47	173.4520	A	1.2
7	☐	100000.00	98377.446	40180581.35	333.3858	A	1.0
8	☐	500000.00	500115.15	197472057.06	1,694.8000	A	1.2

$$y = 0.0034 * x + 0.0030$$

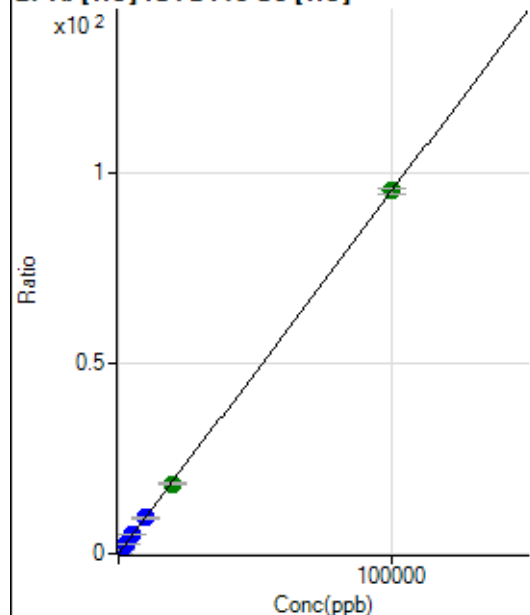
$$R = 1.0000$$

$$DL = 0.4574$$

$$BEC = 0.8908$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	273.34	0.0022	P	8.2
2	☐	20.000	17.592	2296.88	0.0190	P	12.7
3	☐	1000.000	1033.739	117716.99	0.9866	P	1.6
4	☐	2500.000	2569.388	286639.87	2.4490	P	0.3
5	☐	5000.000	5106.738	556135.61	4.8653	P	0.7
6	☐	10000.000	9884.230	1099853.71	9.4148	P	1.6
7	☐	20000.000	19332.693	2219107.86	18.4123	A	0.9
8	☐	100000.00	100137.63	11111016.36	95.3610	A	1.9

$$y = 9.5228E-004 * x + 0.0022$$

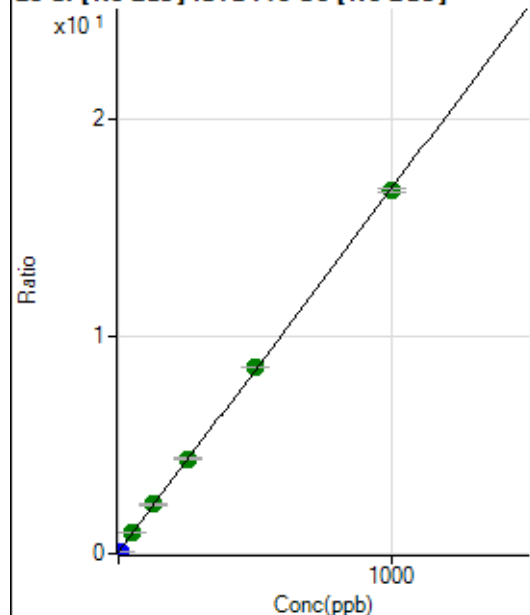
$$R = 1.0000$$

$$DL = 0.5764$$

$$BEC = 2.342$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	506738.96	0.0906	P	2.0
2	☐	10.000	1.924	697200.02	0.1228	P	1.2
3	☐	50.000	53.233	5463851.72	0.9821	A	1.3
4	☐	125.000	129.639	12564812.18	2.2618	A	0.2
5	☐	250.000	255.261	23503084.65	4.3657	A	1.7
6	☐	500.000	509.642	46386924.31	8.6260	A	0.4
7	☐	1000.000	993.203	90166996.43	16.7246	A	1.2
8	☐			977490.92	0.1985	M	8.6

$$y = 0.0167 * x + 0.0906$$

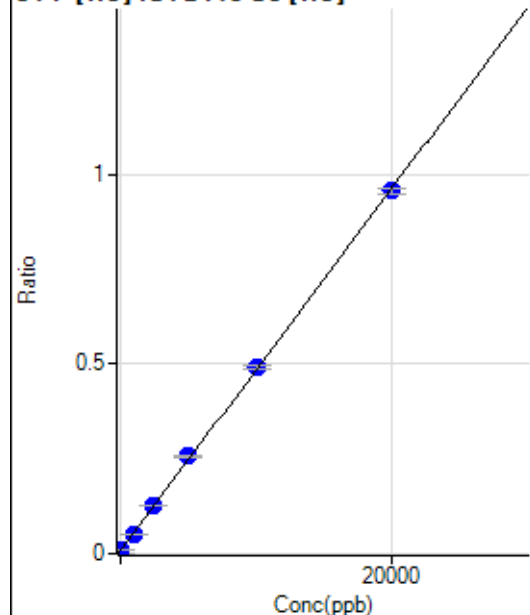
$$R = 0.9998$$

$$DL = 0.3317$$

$$BEC = 5.411$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-108.280	108.89	0.0009	P	1.7
2	☐	0.000	108.280	1361.19	0.0113	P	12.7
3	☐	1000.000	948.427	6140.25	0.0515	P	5.5
4	☐	2500.000	2554.383	15016.76	0.1283	P	0.7
5	☐	5000.000	5243.757	29376.40	0.2570	P	1.2
6	☐	10000.000	10163.271	57523.41	0.4924	P	1.5
7	☐	20000.000	19853.206	115231.56	0.9561	P	1.4
8	☐			130.00	0.0011	P	17.9

$$y = 4.7853E-005 * x + 0.0061$$

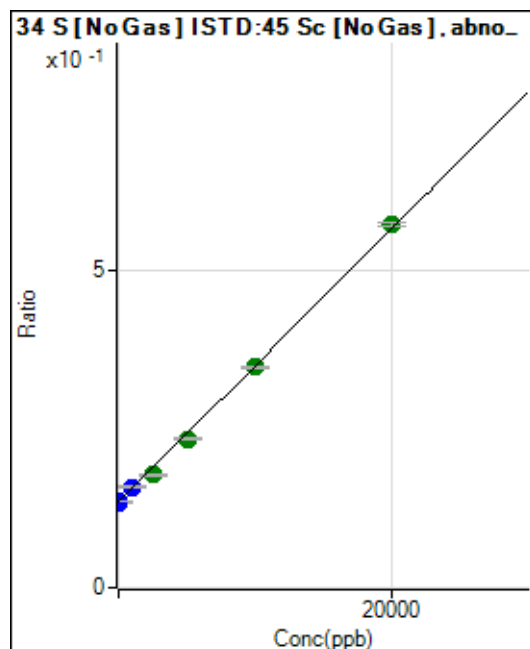
$$R = 0.9998$$

$$DL = 45.11$$

$$BEC = 126.8$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-25.921	752781.27	0.1346	P	1.5
2	☐	0.000	25.921	770327.90	0.1357	P	0.7
3	☐	1000.000	1104.171	884709.89	0.1590	P	0.8
4	☐	2500.000	1970.621	987402.29	0.1777	A	1.1
5	☐	5000.000	4584.676	1261094.69	0.2342	A	1.1
6	☐	10000.000	9837.717	1869783.60	0.3477	A	0.4
7	☐	20000.000	20245.936	3086767.63	0.5726	A	1.0
8	☐			568663.62	0.1154	P	0.8

$$y = 2.1603E-005 * x + 0.1352$$

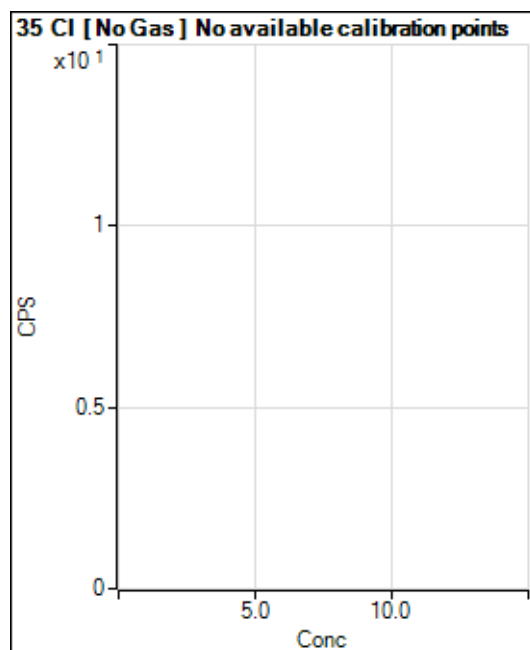
$$R = 0.9994$$

$$DL = 204.8$$

$$BEC = 6257$$

Weight: <None>

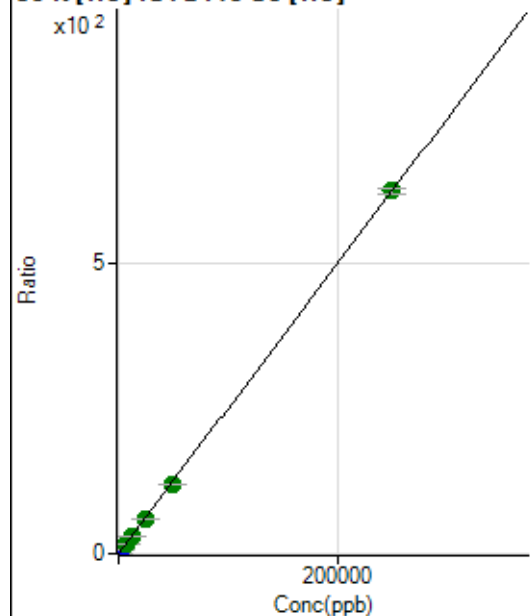
Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			221203.67		P	0.1
2	☐			259733.95		P	0.9
3	☐			258215.33		P	0.9
4	☐			256392.47		P	0.6
5	☐			259950.29		P	1.1
6	☐			285161.97		P	1.3
7	☐			316346.64		P	1.7
8	☐			235409.83		P	0.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1116.72		P	3.0
2	☐			1245.62		P	0.4
3	☐			1214.51		P	4.4
4	☐			1196.73		P	10.9
5	☐			1222.29		P	5.7
6	☐			1348.96		P	3.6
7	☐			1562.32		P	6.1
8	☐			1321.19		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	17333.83	0.1414	P	0.9
2	☐	500.000	424.754	145250.46	1.2005	P	5.8
3	☐	2500.000	2505.472	762168.50	6.3884	P	0.6
4	☐	6250.000	6298.767	1854718.25	15.8462	A	0.6
5	☐	12500.000	12432.790	3559502.73	31.1403	A	1.3
6	☐	25000.000	24286.238	7090428.02	60.6946	A	1.4
7	☐	50000.000	47593.303	14318883.26	118.8064	A	0.5
8	☐	250000.00	250554.95	72806325.58	624.8531	A	1.3

$$y = 0.0025 * x + 0.1414$$

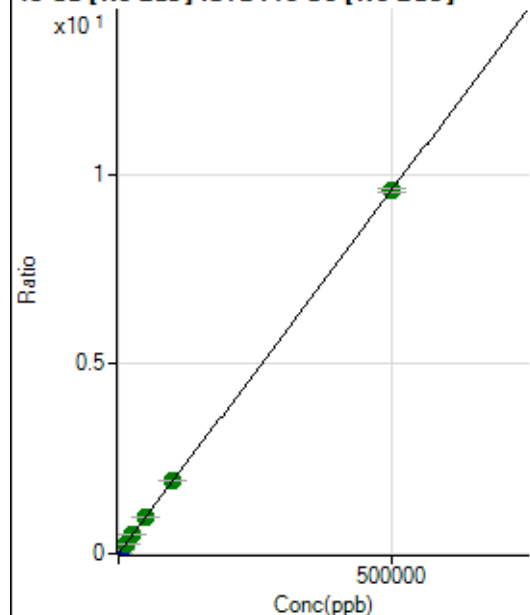
$$R = 0.9999$$

$$DL = 1.448$$

$$BEC = 56.73$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2235.75	0.0004	P	4.2
2	☐	500.000	474.110	53815.73	0.0095	P	0.4
3	☐	5000.000	5299.023	566947.73	0.1019	P	1.0
4	☐	12500.000	12927.640	1377899.39	0.2480	A	1.0
5	☐	25000.000	25445.609	2626341.66	0.4878	A	1.7
6	☐	50000.000	51228.294	5279200.03	0.9817	A	1.5
7	☐	100000.00	101423.88	10476950.47	1.9433	A	0.8
8	☐	500000.00	499556.45	47154830.96	9.5700	A	1.1

$$y = 1.9156\text{E-}005 * x + 3.9971\text{E-}004$$

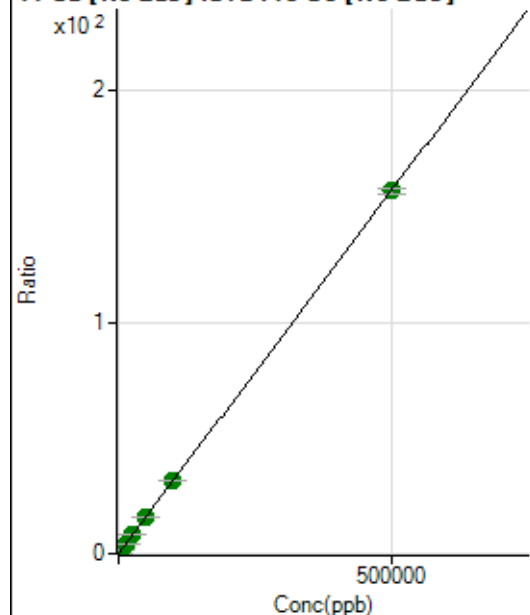
$$R = 1.0000$$

$$DL = 2.627$$

$$BEC = 20.87$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58600.93	0.0105	P	1.6
2	☐	500.000	473.216	902487.74	0.1590	P	1.1
3	☐	5000.000	5112.731	8987184.38	1.6154	A	0.7
4	☐	12500.000	12660.472	22134858.00	3.9846	A	0.7
5	☐	25000.000	25384.918	42959894.36	7.9788	A	1.2
6	☐	50000.000	50880.941	85943767.61	15.9819	A	0.8
7	☐	100000.00	101365.53	171603174.11	31.8289	A	0.9
8	☐	500000.00	499614.44	772789090.71	156.8384	A	1.3

$$y = 3.1390\text{E-}004 * x + 0.0105$$

$$R = 1.0000$$

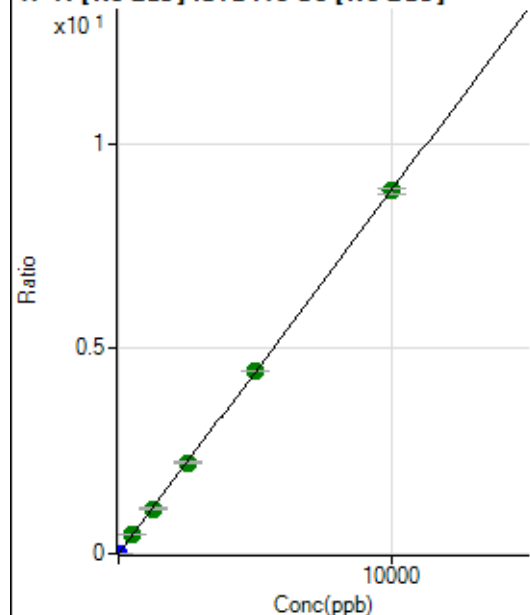
$$DL = 1.588$$

$$BEC = 33.38$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	374.45	0.0001	P	10.7
2	☐	5.000	4.907	25049.68	0.0044	P	0.9
3	☐	500.000	509.669	2512385.90	0.4516	A	1.3
4	☐	1250.000	1240.989	6107525.95	1.0994	A	1.0
5	☐	2500.000	2503.531	11942478.99	2.2179	A	1.3
6	☐	5000.000	5031.783	23971840.75	4.4577	A	0.8
7	☐	10000.000	9983.869	47682568.18	8.8446	A	1.5
8	☐			3719.41	0.0008	P	3.7

$$y = 8.8589\text{E-}004 * x + 6.6889\text{E-}005$$

$$R = 1.0000$$

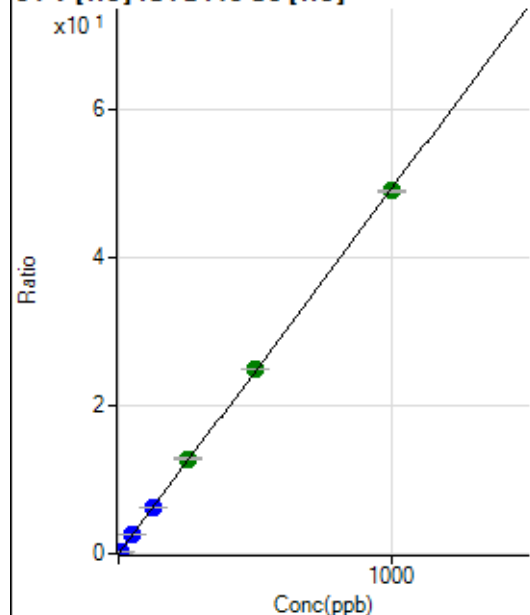
$$DL = 0.02418$$

$$BEC = 0.07551$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0002	P	42.5
2	☐	5.000	4.156	24785.15	0.2048	P	13.3
3	☐	50.000	51.069	300047.36	2.5148	P	2.2
4	☐	125.000	128.528	740709.75	6.3287	P	0.8
5	☐	250.000	260.048	1463648.54	12.8045	A	1.2
6	☐	500.000	504.742	2903408.22	24.8527	A	0.5
7	☐	1000.000	994.627	5902445.47	48.9736	A	0.8
8	☐			1525.65	0.0131	P	6.6

$$y = 0.0492 * x + 2.2697\text{E-}004$$

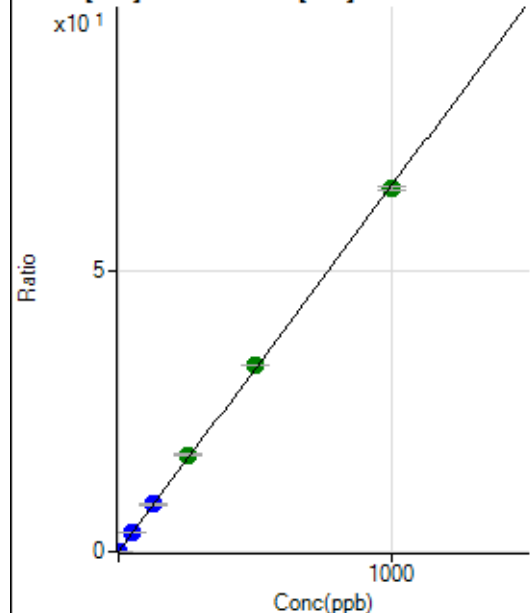
$$R = 0.9999$$

$$DL = 0.005881$$

$$BEC = 0.00461$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2019.06	0.0165	P	7.7
2	☐	2.000	1.654	15002.45	0.1240	P	10.1
3	☐	50.000	51.266	399625.86	3.3493	P	2.5
4	☐	125.000	128.543	980022.01	8.3732	P	0.3
5	☐	250.000	262.903	1955503.22	17.1080	A	2.2
6	☐	500.000	509.572	3871971.19	33.1442	A	0.8
7	☐	1000.000	991.483	7770553.01	64.4736	A	1.2
8	☐			46772.90	0.4014	P	2.6

$$y = 0.0650 * x + 0.0165$$

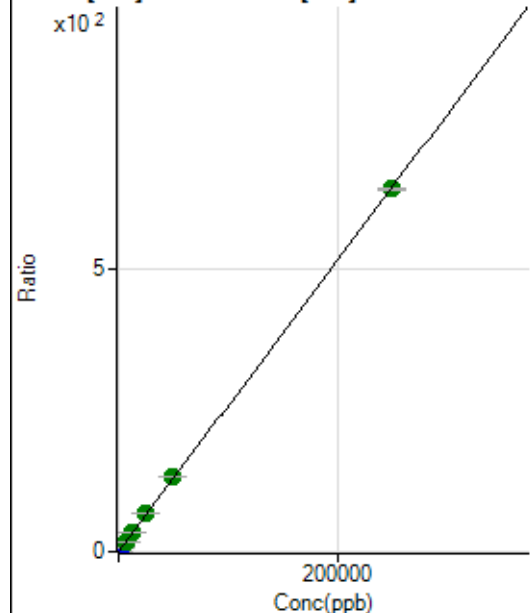
$$R = 0.9998$$

$$DL = 0.05846$$

$$BEC = 0.2534$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1042.27	0.0085	P	7.5
2	☐	50.000	45.780	15247.23	0.1260	P	13.1
3	☐	2500.000	2677.248	820966.80	6.8808	P	2.1
4	☐	6250.000	6914.404	2078375.52	17.7572	A	1.3
5	☐	12500.000	13598.527	3991028.83	34.9148	A	0.7
6	☐	25000.000	26116.964	7833381.34	67.0486	A	0.8
7	☐	50000.000	51603.747	15965800.46	132.4711	A	0.5
8	☐	250000.00	249494.24	74622252.22	640.4400	A	0.2

$$y = 0.0026 * x + 0.0085$$

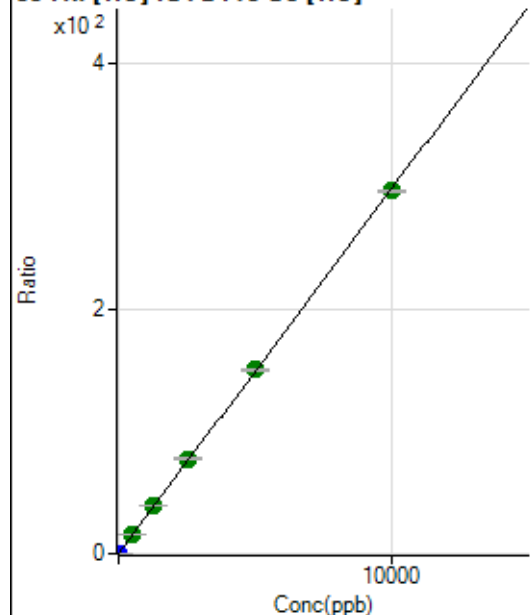
$$R = 1.0000$$

$$DL = 0.7443$$

$$BEC = 3.313$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3447.11	0.0281	P	3.0
2	☐	1.000	0.989	6966.21	0.0576	P	11.4
3	☐	500.000	528.025	1879876.13	15.7549	A	3.1
4	☐	1250.000	1318.893	4600967.29	39.3102	A	0.8
5	☐	2500.000	2600.700	8857321.46	77.4877	A	1.0
6	☐	5000.000	5037.177	17530376.82	150.0560	A	0.6
7	☐	10000.000	9946.224	35707054.19	296.2677	A	0.3
8	☐			19208.57	0.1649	P	3.4

$$y = 0.0298 * x + 0.0281$$

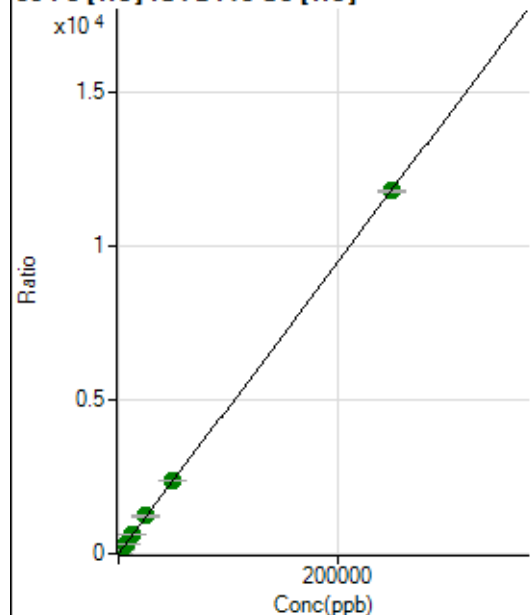
$$R = 0.9999$$

$$DL = 0.0842$$

$$BEC = 0.9445$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12801.45	0.1044	P	10.2
2	☐	50.000	45.170	271018.78	2.2399	P	13.2
3	☐	2500.000	2699.596	15240577.00	127.7323	A	2.5
4	☐	6250.000	6782.893	37543991.66	320.7768	A	0.6
5	☐	12500.000	13375.833	72295465.59	632.4688	A	1.0
6	☐	25000.000	25938.819	143270435.64	1,226.4045	A	1.0
7	☐	50000.000	50551.160	288048549.04	2,389.9931	A	1.0
8	☐	250000.00	249736.77	1375692192.8	11,806.818	A	0.7

$$y = 0.0473 * x + 0.1044$$

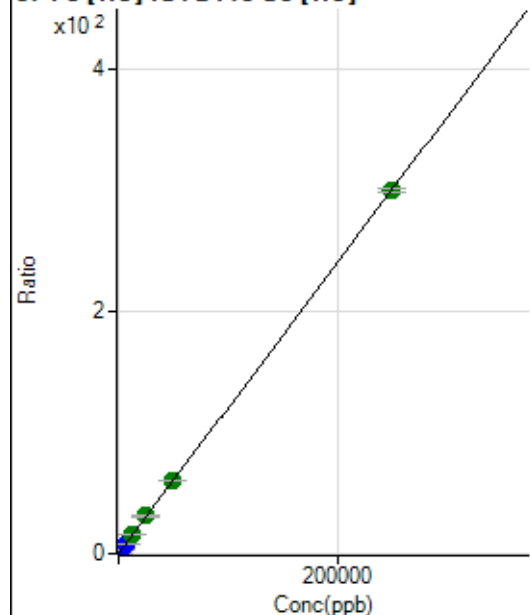
$$R = 1.0000$$

$$DL = 0.6738$$

$$BEC = 2.209$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	312.23	0.0025	P	26.5
2	☐	50.000	45.218	6862.85	0.0567	P	11.5
3	☐	2500.000	2648.853	378971.02	3.1763	P	1.7
4	☐	6250.000	6619.810	928613.08	7.9342	P	0.9
5	☐	12500.000	13580.301	1860241.22	16.2740	A	0.7
6	☐	25000.000	25939.432	3631072.41	31.0823	A	1.1
7	☐	50000.000	50787.296	7334319.68	60.8542	A	0.2
8	☐	250000.00	249683.85	34857806.15	299.1652	A	1.0

$$y = 0.0012 * x + 0.0025$$

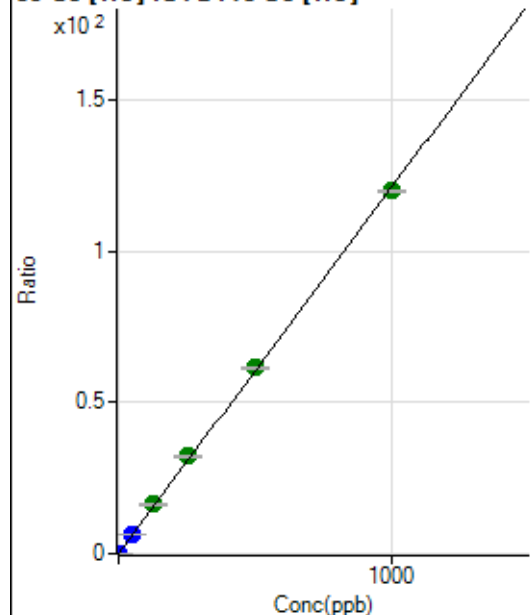
$$R = 1.0000$$

$$DL = 1.693$$

$$BEC = 2.126$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	132.23	0.0011	P	30.3
2	☐	1.000	0.889	13148.48	0.1087	P	12.1
3	☐	50.000	52.398	756667.95	6.3419	P	1.7
4	☐	125.000	134.543	1905810.02	16.2826	A	1.3
5	☐	250.000	265.488	3672709.46	32.1288	A	0.3
6	☐	500.000	507.927	7180841.00	61.4672	A	0.6
7	☐	1000.000	990.852	14451652.14	119.9078	A	0.6
8	☐			29054.13	0.2494	P	0.5

$$y = 0.1210 * x + 0.0011$$

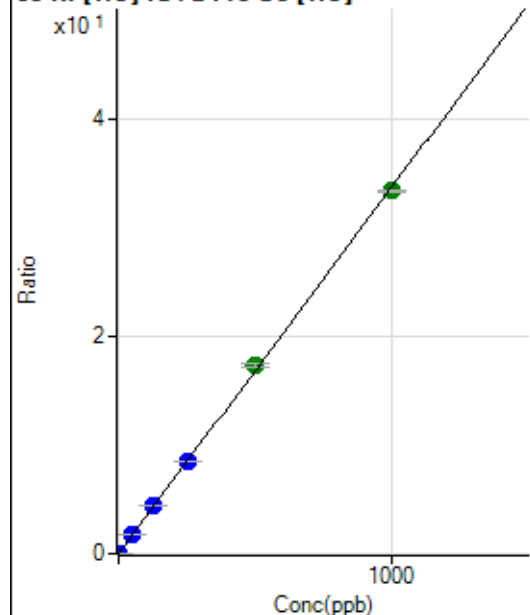
$$R = 0.9998$$

$$DL = 0.0081$$

$$BEC = 0.008907$$

Weight: <None>

Min Conc: 0

⁶⁰Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1104.50	0.0090	P	4.8
2	☐	1.000	0.704	3963.93	0.0328	P	3.4
3	☐	50.000	52.109	210713.36	1.7661	P	1.5
4	☐	125.000	129.377	511646.70	4.3715	P	0.4
5	☐	250.000	254.009	980088.16	8.5740	P	0.3
6	☐	500.000	515.076	2029997.73	17.3770	A	1.3
7	☐	1000.000	990.808	4027675.04	33.4183	A	0.5
8	☐			13393.05	0.1149	P	0.6

$$y = 0.0337 * x + 0.0090$$

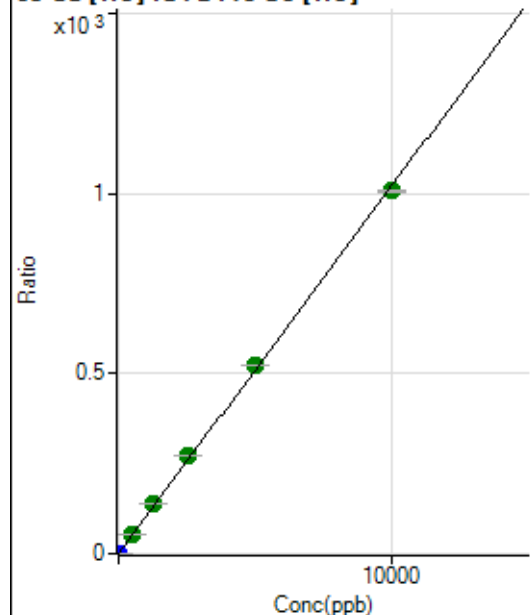
$$R = 0.9998$$

$$DL = 0.03868$$

$$BEC = 0.2672$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2876.99	0.0235	P	17.4
2	☐	2.000	1.663	23360.49	0.1931	P	8.9
3	☐	500.000	543.594	6618343.58	55.4715	A	1.5
4	☐	1250.000	1355.966	16191165.59	138.3357	A	0.2
5	☐	2500.000	2679.784	31247764.54	273.3686	A	1.0
6	☐	5000.000	5135.584	61199954.09	523.8669	A	0.7
7	☐	10000.000	9871.836	121363910.42	1,006.9774	A	0.8
8	☐			23834.49	0.2046	P	0.9

$$y = 0.1020 * x + 0.0235$$

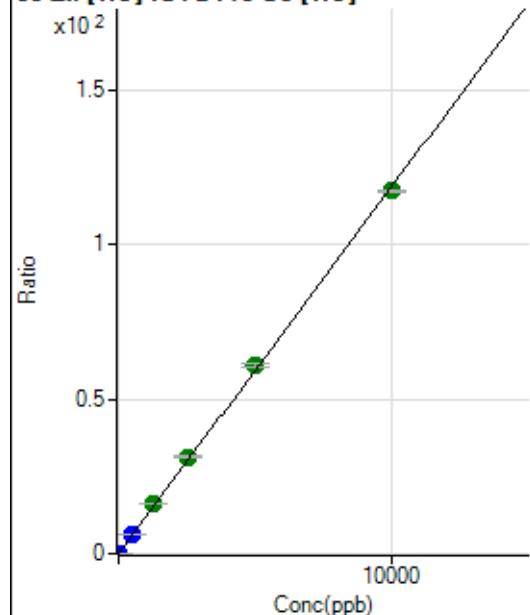
$$R = 0.9997$$

$$DL = 0.1199$$

$$BEC = 0.2301$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2029.05	0.0166	P	8.0
2	☐	2.000	4.057	7828.90	0.0647	P	5.7
3	☐	500.000	519.329	737531.03	6.1815	P	1.7
4	☐	1250.000	1350.870	1878821.21	16.0528	A	0.8
5	☐	2500.000	2638.789	3582565.22	31.3418	A	0.9
6	☐	5000.000	5121.635	7104380.73	60.8158	A	1.6
7	☐	10000.000	9890.910	14153249.51	117.4321	A	0.5
8	☐			27536.74	0.2363	P	0.4

$$y = 0.0119 * x + 0.0166$$

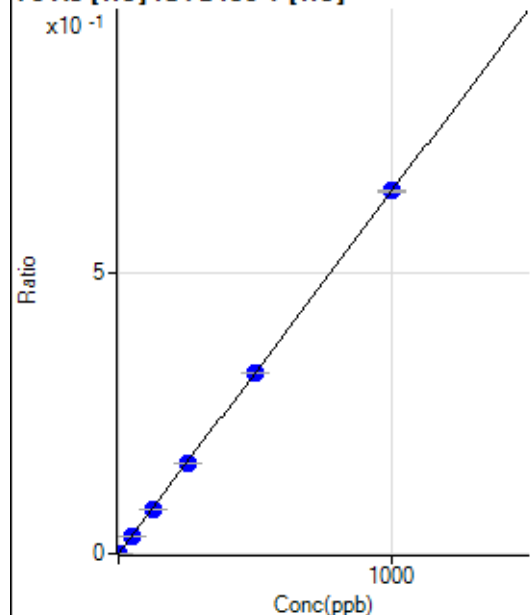
$$R = 0.9998$$

$$DL = 0.3364$$

$$BEC = 1.394$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.33	0.0000	P	24.9
2	☐	1.000	0.874	714.47	0.0006	P	9.1
3	☐	50.000	49.204	39114.27	0.0317	P	3.5
4	☐	125.000	123.799	96746.78	0.0797	P	0.6
5	☐	250.000	249.178	189572.11	0.1604	P	0.7
6	☐	500.000	497.847	379852.86	0.3204	P	0.3
7	☐	1000.000	1001.472	763509.06	0.6445	P	0.7
8	☐			435.57	0.0004	P	12.3

$$y = 6.4356E-004 * x + 1.0800E-005$$

$$R = 1.0000$$

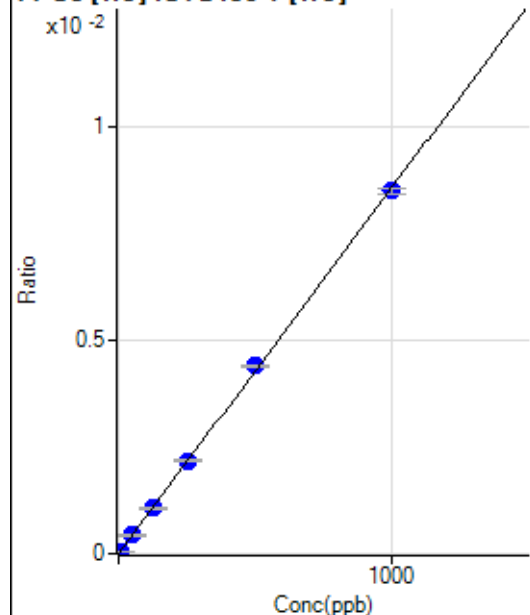
$$DL = 0.01252$$

$$BEC = 0.01678$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.446	36.67	0.0000	P	27.7
3	☐	50.000	50.513	533.35	0.0004	P	7.1
4	☐	125.000	124.008	1287.85	0.0011	P	5.0
5	☐	250.000	254.350	2571.37	0.0022	P	1.6
6	☐	500.000	512.987	5201.01	0.0044	P	1.6
7	☐	1000.000	992.525	10054.79	0.0085	P	1.7
8	☐			6.67	0.0000	P	50.3

$$y = 8.5521\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

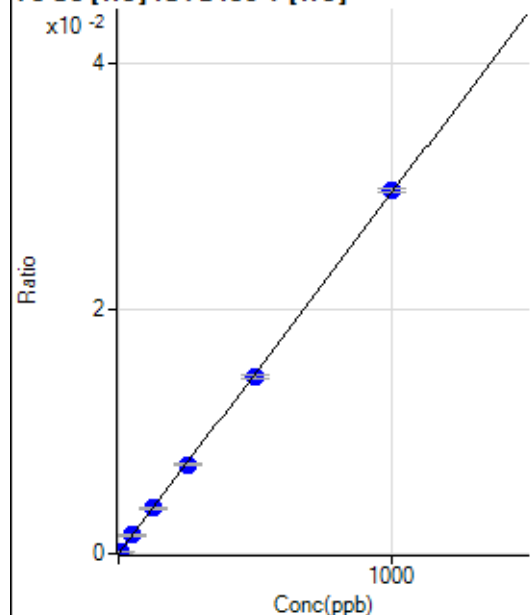
$$\text{DL} = 0$$

$$\text{BEC} = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32.22	0.0000	P	58.7
2	☐	5.000	4.022	180.00	0.0001	P	15.8
3	☐	50.000	50.184	1856.81	0.0015	P	2.4
4	☐	125.000	125.734	4527.44	0.0037	P	4.0
5	☐	250.000	245.717	8584.90	0.0073	P	3.0
6	☐	500.000	490.618	17158.34	0.0145	P	1.7
7	☐	1000.000	1005.666	35111.54	0.0296	P	1.1
8	☐			53.33	0.0000	P	16.0

$$y = 2.9447\text{E-}005 * x + 2.6105\text{E-}005$$

$$R = 0.9999$$

$$\text{DL} = 1.562$$

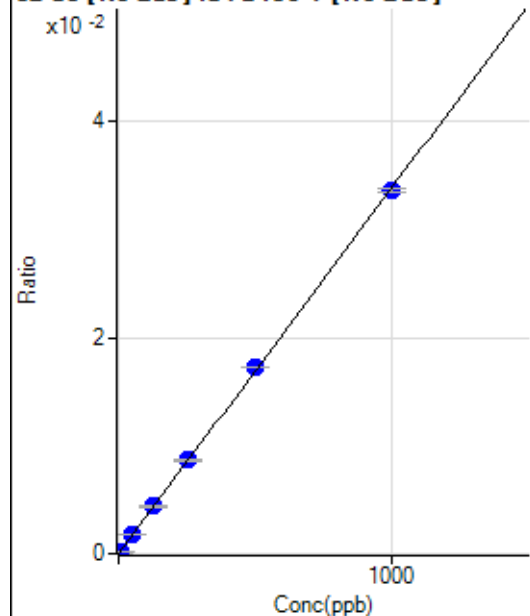
$$\text{BEC} = 0.8865$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			18184.12		P	0.3
2	☐			18047.24		P	0.6
3	☐			17763.58		P	2.5
4	☐			17801.46		P	2.4
5	☐			18811.60		P	0.8
6	☐			19055.24		P	1.4
7	☐			19199.90		P	1.7
8	☐			18999.63		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-15.56	0.0000	P	-378.
2	☐	5.000	4.738	2654.81	0.0002	P	1.1
3	☐	50.000	52.461	29559.81	0.0018	P	1.0
4	☐	125.000	128.972	71965.71	0.0044	P	1.7
5	☐	250.000	255.710	139766.74	0.0087	P	0.8
6	☐	500.000	510.102	281741.18	0.0173	P	0.3
7	☐	1000.000	992.903	550981.89	0.0336	P	1.2
8	☐			306.68	0.0000	P	15.1

$$y = 3.3854E-005 * x - 9.5268E-007$$

$$R = 0.9999$$

$$DL = 0.3199$$

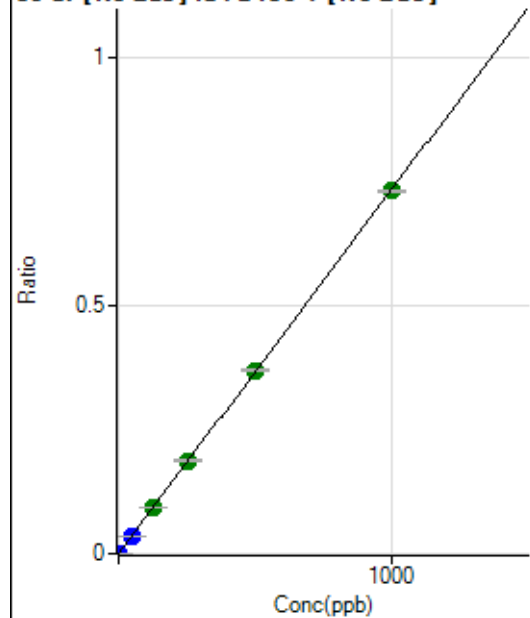
$$BEC = -0.02814$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			421.12		P	8.1
2	☐			425.57		P	8.3
3	☐			420.01		P	6.8
4	☐			436.68		P	6.5
5	☐			447.79		P	5.1
6	☐			435.57		P	14.2
7	☐			500.02		P	5.0
8	☐			510.02		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	716.70	0.0000	P	10.2
2	☐	1.000	0.941	12233.23	0.0007	P	0.9
3	☐	50.000	49.094	601243.94	0.0361	P	0.1
4	☐	125.000	126.105	1527847.93	0.0927	A	1.7
5	☐	250.000	255.456	3030618.88	0.1877	A	1.1
6	☐	500.000	503.473	6034626.72	0.3699	A	1.2
7	☐	1000.000	996.806	12003592.18	0.7323	A	0.5
8	☐			34773.14	0.0024	P	0.3

$$y = 7.3457E-004 * x + 4.3456E-005$$

$$R = 1.0000$$

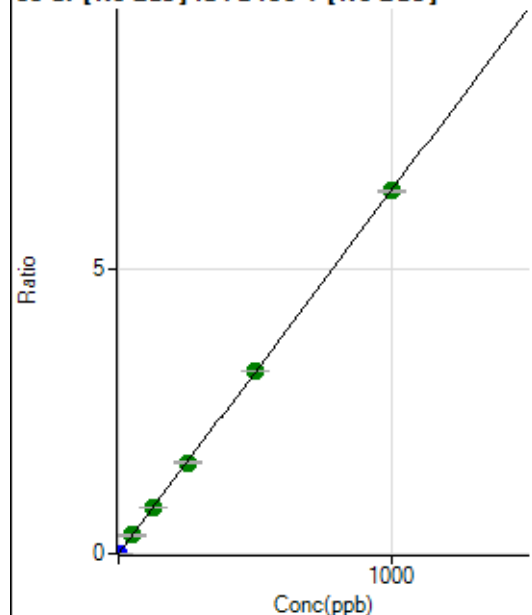
$$DL = 0.01804$$

$$BEC = 0.05916$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	716.69	0.0000	P	5.7
2	☐	1.000	0.942	100536.35	0.0060	P	1.0
3	☐	50.000	50.600	5366482.73	0.3223	A	1.5
4	☐	125.000	125.846	13213148.83	0.8014	A	0.8
5	☐	250.000	251.224	25830087.67	1.5998	A	1.4
6	☐	500.000	502.332	52191875.89	3.1989	A	0.6
7	☐	1000.000	998.392	104223992.89	6.3578	A	0.6
8	☐			299461.56	0.0203	P	0.3

$$y = 0.0064 * x + 4.3442E-005$$

$$R = 1.0000$$

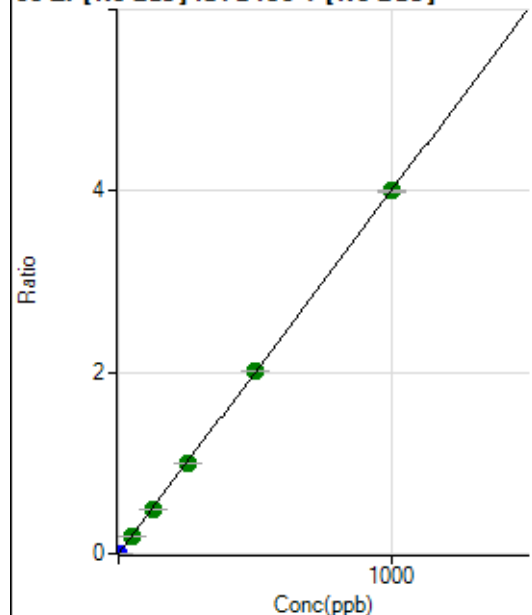
$$DL = 0.001168$$

$$BEC = 0.006822$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	923.38	0.0001	P	15.8
2	☐	1.000	0.961	65000.48	0.0039	P	1.2
3	☐	50.000	49.886	3327467.31	0.1998	A	1.3
4	☐	125.000	123.561	8158532.31	0.4949	A	1.2
5	☐	250.000	249.655	16143575.87	0.9998	A	0.7
6	☐	500.000	502.170	32811928.12	2.0111	A	0.2
7	☐	1000.000	999.187	65594660.14	4.0014	A	0.7
8	☐			27658.57	0.0019	P	1.2

$$y = 0.0040 * x + 5.5931E-005$$

$$R = 1.0000$$

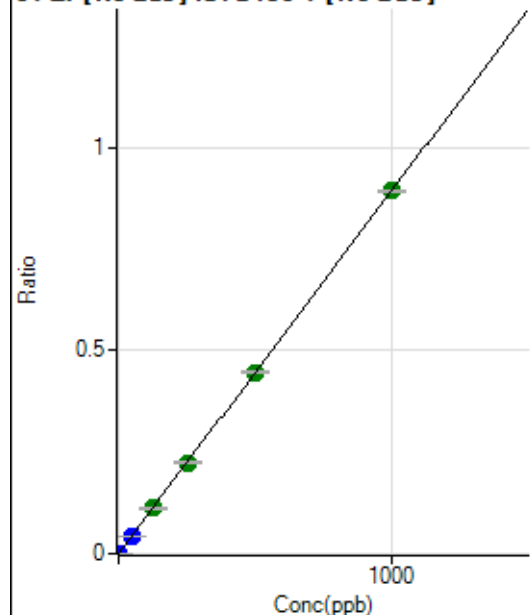
$$DL = 0.006631$$

$$BEC = 0.01397$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	212.23	0.0000	P	4.1
2	☐	1.000	0.961	14488.73	0.0009	P	0.3
3	☐	50.000	48.620	722474.73	0.0434	P	1.1
4	☐	125.000	125.191	1841575.01	0.1117	A	1.6
5	☐	250.000	250.331	3605981.27	0.2233	A	1.9
6	☐	500.000	499.320	7267947.46	0.4455	A	1.0
7	☐	1000.000	1000.303	14628729.64	0.8924	A	0.6
8	☐			6120.29	0.0004	P	2.5

$$y = 8.9214\text{E-}004 * x + 1.2862\text{E-}005$$

$$R = 1.0000$$

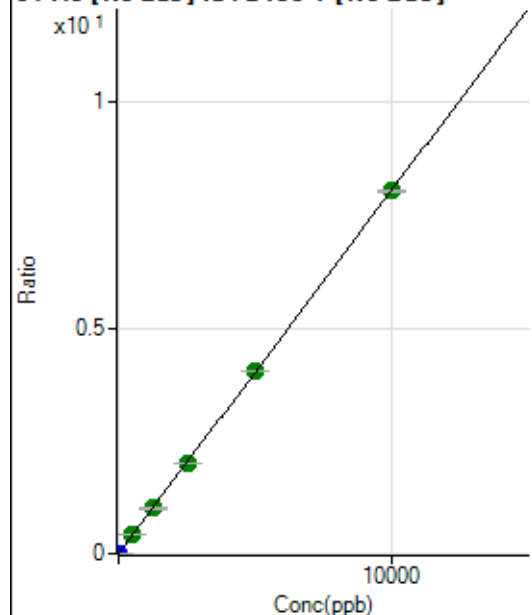
$$DL = 0.001783$$

$$BEC = 0.01442$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	477.79	0.0000	P	4.5
2	☐	5.000	5.531	74511.36	0.0045	P	0.6
3	☐	500.000	506.952	6786798.65	0.4076	A	0.1
4	☐	1250.000	1254.593	16627631.00	1.0086	A	2.0
5	☐	2500.000	2497.756	32421391.18	2.0080	A	0.5
6	☐	5000.000	5021.238	65860437.35	4.0366	A	0.1
7	☐	10000.000	9989.020	131635755.81	8.0302	A	0.3
8	☐			22928.97	0.0016	P	2.9

$$y = 8.0390\text{E-}004 * x + 2.8965\text{E-}005$$

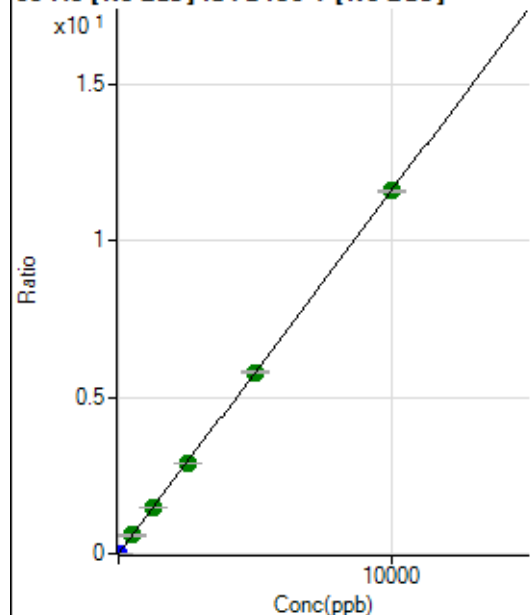
$$R = 1.0000$$

$$DL = 0.004887$$

$$BEC = 0.03603$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	252.23	0.0000	P	3.1
2	☐	5.000	4.650	90079.35	0.0054	P	1.2
3	☐	500.000	504.819	9754767.29	0.5858	A	1.0
4	☐	1250.000	1253.021	23973370.48	1.4541	A	1.2
5	☐	2500.000	2495.697	46761744.86	2.8962	A	0.7
6	☐	5000.000	5005.931	94778069.70	5.8092	A	0.7
7	☐	10000.000	9997.492	190175270.50	11.6017	A	0.8
8	☐			23883.92	0.0016	P	1.2

$$y = 0.0012 * x + 1.5290E-005$$

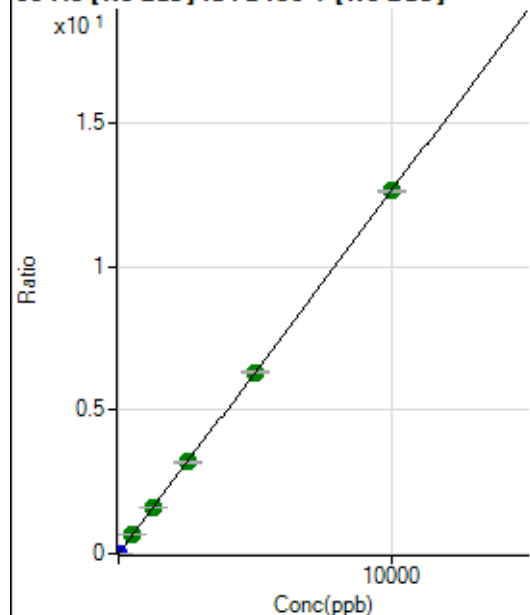
$$R = 1.0000$$

$$DL = 0.001234$$

$$BEC = 0.01318$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	291.12	0.0000	P	9.1
2	☐	5.000	4.660	98517.27	0.0059	P	0.6
3	☐	500.000	509.566	10742219.70	0.6451	A	1.1
4	☐	1250.000	1256.053	26217487.94	1.5902	A	0.7
5	☐	2500.000	2517.318	51457485.34	3.1870	A	0.5
6	☐	5000.000	4994.837	103169089.57	6.3236	A	1.0
7	☐	10000.000	9997.017	207475399.13	12.6564	A	0.5
8	☐			34406.99	0.0023	P	1.7

$$y = 0.0013 * x + 1.7653E-005$$

$$R = 1.0000$$

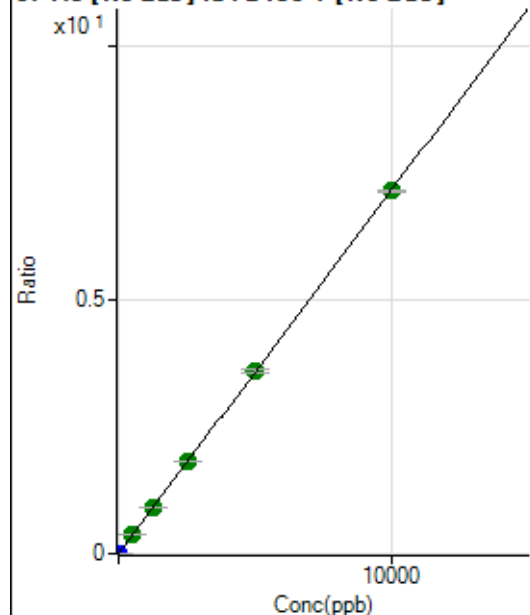
$$DL = 0.003798$$

$$BEC = 0.01394$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	140.00	0.0000	P	13.0
2	☐	5.000	4.608	55123.30	0.0033	P	1.3
3	☐	500.000	509.960	6086586.02	0.3655	A	0.5
4	☐	1250.000	1261.977	14913202.83	0.9045	A	0.6
5	☐	2500.000	2529.955	29281125.40	1.8134	A	0.7
6	☐	5000.000	5023.522	58747336.34	3.6007	A	1.3
7	☐	10000.000	9978.755	117243151.59	7.1524	A	0.5
8	☐			13506.66	0.0009	P	4.0

$$y = 7.1676\text{E-}004 * x + 8.4892\text{E-}006$$

$$R = 1.0000$$

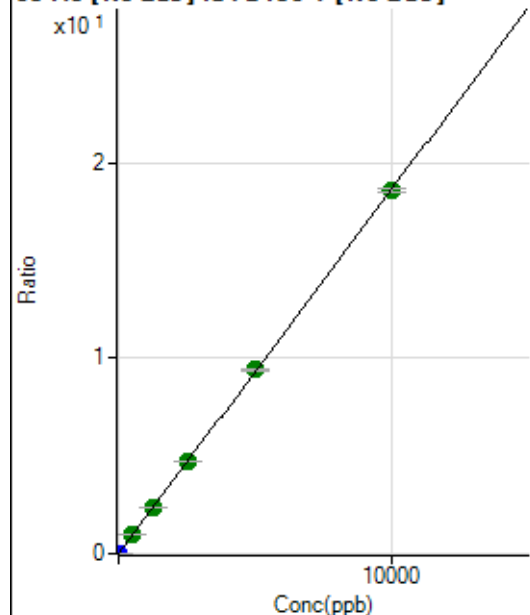
$$DL = 0.004628$$

$$BEC = 0.01184$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	325.56	0.0000	P	11.5
2	☐	5.000	4.599	142836.35	0.0086	P	0.6
3	☐	500.000	509.099	15779493.65	0.9476	A	1.0
4	☐	1250.000	1274.966	39124876.36	2.3732	A	1.4
5	☐	2500.000	2541.684	76391328.86	4.7309	A	0.7
6	☐	5000.000	5045.136	153212711.05	9.3907	A	1.1
7	☐	10000.000	9963.435	303988835.47	18.5453	A	1.2
8	☐			33855.77	0.0023	P	2.8

$$y = 0.0019 * x + 1.9734\text{E-}005$$

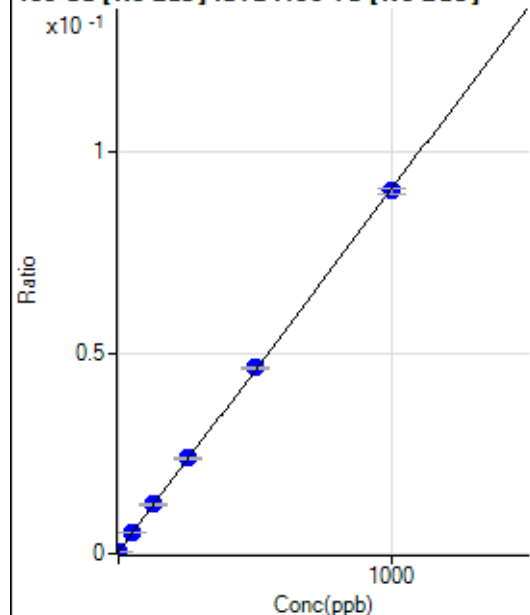
$$R = 1.0000$$

$$DL = 0.003664$$

$$BEC = 0.0106$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7117.46	0.0006	P	5.0
2	☐	1.000	0.775	8091.34	0.0007	P	3.6
3	☐	50.000	52.004	63497.41	0.0053	P	0.9
4	☐	125.000	129.143	145888.12	0.0123	P	1.1
5	☐	250.000	256.172	277854.62	0.0237	P	1.6
6	☐	500.000	506.512	545314.93	0.0463	P	1.4
7	☐	1000.000	994.583	1058561.71	0.0903	P	1.3
8	☐			6347.08	0.0006	P	1.6

$$y = 9.0198\text{E-}005 * x + 6.1394\text{E-}004$$

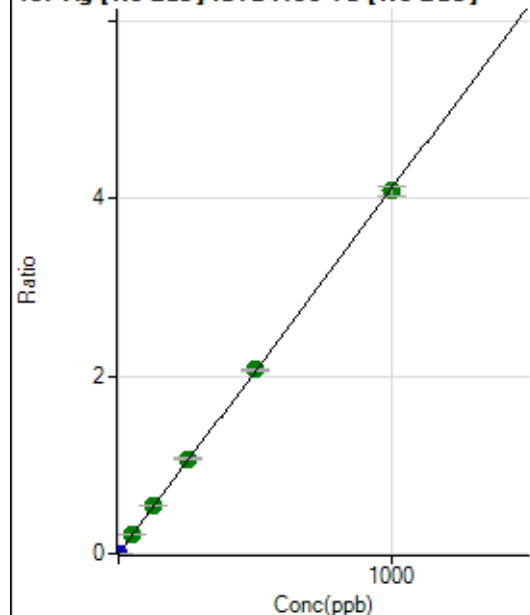
$$R = 0.9999$$

$$DL = 1.011$$

$$BEC = 6.807$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	142.23	0.0000	P	5.1
2	☐	1.000	1.005	49034.58	0.0041	P	1.7
3	☐	50.000	53.699	2642103.59	0.2207	A	0.5
4	☐	125.000	131.058	6408435.88	0.5387	A	1.8
5	☐	250.000	259.562	12496282.45	1.0669	A	2.2
6	☐	500.000	504.252	24410899.36	2.0726	A	1.0
7	☐	1000.000	994.541	47900474.28	4.0877	A	2.4
8	☐			4151.79	0.0004	P	9.4

$$y = 0.0041 * x + 1.2268\text{E-}005$$

$$R = 0.9999$$

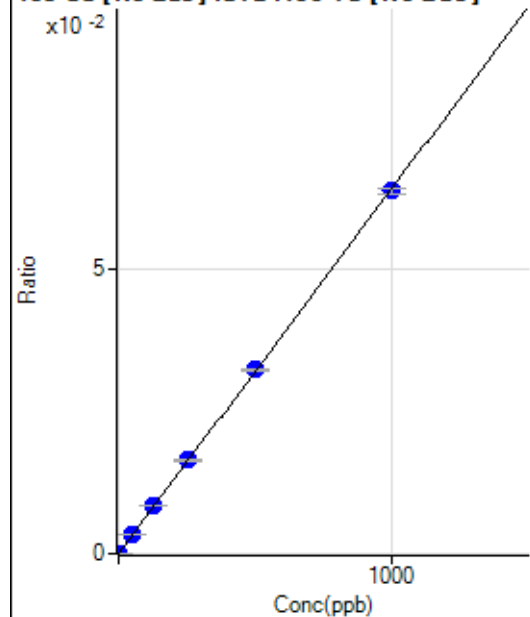
$$DL = 0.0004572$$

$$BEC = 0.002985$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.56	0.0000	P	8.1
2	☐	1.000	0.915	722.25	0.0001	P	11.5
3	☐	50.000	52.284	40253.14	0.0034	P	2.4
4	☐	125.000	130.872	100100.31	0.0084	P	1.5
5	☐	250.000	256.709	193286.78	0.0165	P	2.5
6	☐	500.000	505.060	382383.43	0.0325	P	0.9
7	☐	1000.000	994.945	749453.44	0.0640	P	1.8
8	☐			236.67	0.0000	P	8.1

$$y = 6.4276E-005 * x + 2.2042E-006$$

$$R = 0.9999$$

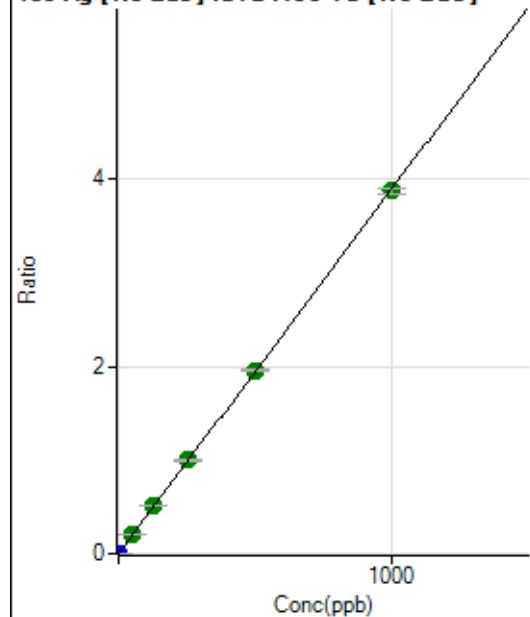
$$DL = 0.008341$$

$$BEC = 0.03429$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	76.67	0.0000	P	8.1
2	☐	1.000	1.015	46840.40	0.0040	P	0.7
3	☐	50.000	54.725	2552137.27	0.2132	A	1.7
4	☐	125.000	132.127	6123880.33	0.5147	A	1.1
5	☐	250.000	256.849	11720880.80	1.0006	A	2.0
6	☐	500.000	502.644	23063599.66	1.9582	A	1.0
7	☐	1000.000	995.839	45465069.88	3.8795	A	1.5
8	☐			3679.42	0.0004	P	11.7

$$y = 0.0039 * x + 6.6122E-006$$

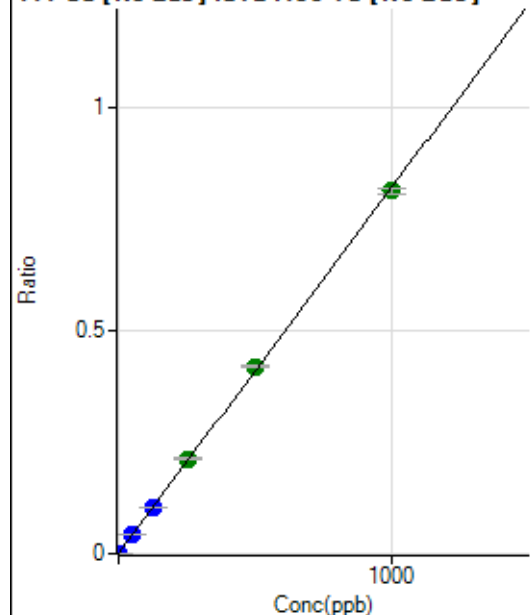
$$R = 1.0000$$

$$DL = 0.0004121$$

$$BEC = 0.001697$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4989.89	0.0004	P	4.9
2	☐	1.000	0.865	13489.85	0.0011	P	0.3
3	☐	50.000	51.259	508819.64	0.0425	P	0.6
4	☐	125.000	127.334	1248685.04	0.1050	P	0.8
5	☐	250.000	259.362	2499112.19	0.2133	A	1.4
6	☐	500.000	511.677	4951828.34	0.4204	A	1.6
7	☐	1000.000	991.466	9542924.33	0.8143	A	1.5
8	☐			5418.45	0.0005	P	2.2

$$y = 8.2086\text{E-}004 * x + 4.3042\text{E-}004$$

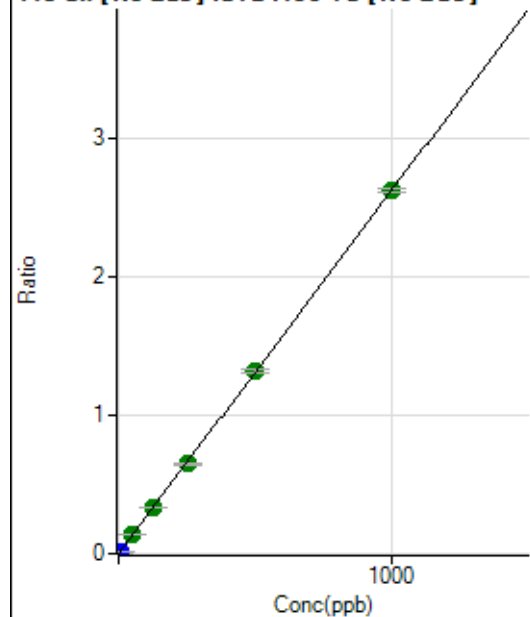
$$R = 0.9998$$

$$DL = 0.07695$$

$$BEC = 0.5243$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6921.85	0.0006	P	3.1
2	☐	5.000	5.259	170134.78	0.0144	P	0.4
3	☐	50.000	51.231	1614431.45	0.1349	A	2.0
4	☐	125.000	127.291	3976088.38	0.3342	A	1.4
5	☐	250.000	246.508	7575304.89	0.6467	A	1.3
6	☐	500.000	502.187	15508030.88	1.3168	A	2.2
7	☐	1000.000	999.430	30707741.49	2.6200	A	1.1
8	☐			9538.96	0.0009	P	3.7

$$y = 0.0026 * x + 5.9685\text{E-}004$$

$$R = 1.0000$$

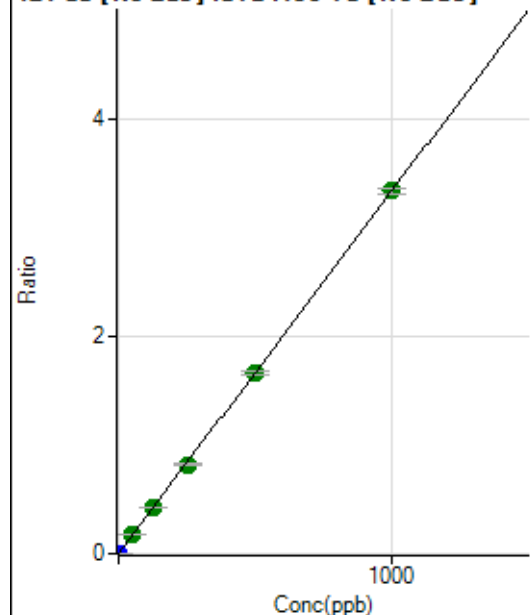
$$DL = 0.02143$$

$$BEC = 0.2277$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	102.22	0.0000	P	27.2
2	☐	2.000	1.899	75116.94	0.0063	P	0.3
3	☐	50.000	51.074	2041380.07	0.1705	A	1.4
4	☐	125.000	126.047	5007511.59	0.4209	A	0.4
5	☐	250.000	246.668	9648274.23	0.8236	A	1.5
6	☐	500.000	498.489	19602712.76	1.6645	A	2.1
7	☐	1000.000	1001.404	39186143.30	3.3437	A	1.6
8	☐			15408.77	0.0015	P	3.6

$$y = 0.0033 * x + 8.8083E-006$$

$$R = 1.0000$$

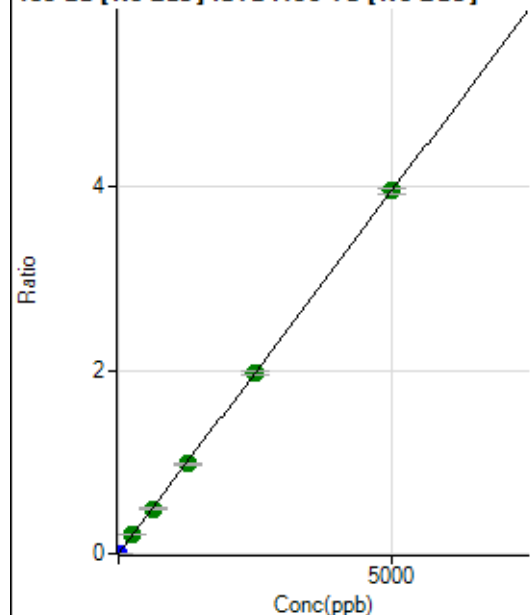
$$DL = 0.002151$$

$$BEC = 0.002638$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	202.22	0.0000	P	16.3
2	☐	10.000	9.118	85407.96	0.0072	P	1.0
3	☐	250.000	253.692	2398361.20	0.2004	A	1.2
4	☐	625.000	622.179	5845323.73	0.4914	A	2.4
5	☐	1250.000	1241.641	11486442.33	0.9806	A	1.5
6	☐	2500.000	2494.043	23198070.21	1.9696	A	1.1
7	☐	5000.000	5005.238	46321777.09	3.9528	A	1.8
8	☐			15872.71	0.0015	P	1.0

$$y = 7.8972E-004 * x + 1.7458E-005$$

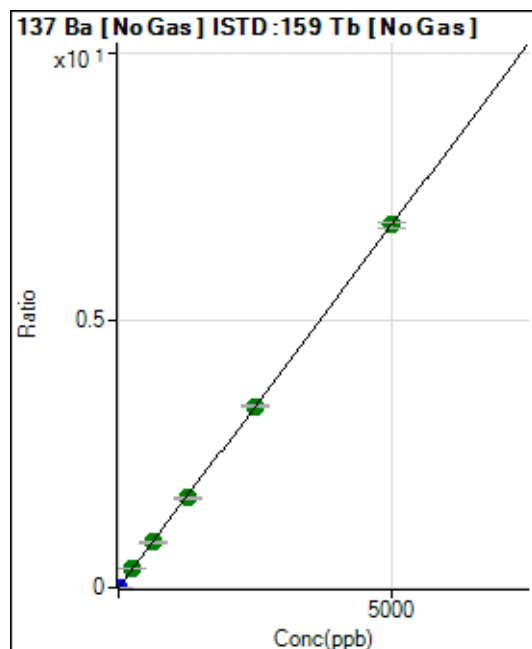
$$R = 1.0000$$

$$DL = 0.01082$$

$$BEC = 0.02211$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	365.57	0.0000	P	11.9
2	☐	10.000	9.232	148381.82	0.0125	P	1.3
3	☐	250.000	253.845	4117503.55	0.3440	A	1.3
4	☐	625.000	626.858	10104740.55	0.8494	A	3.0
5	☐	1250.000	1238.818	19661419.85	1.6786	A	2.5
6	☐	2500.000	2500.556	39907402.18	3.3883	A	1.2
7	☐	5000.000	5002.094	79428005.48	6.7779	A	1.8
8	☐			28079.14	0.0027	P	0.8

$$y = 0.0014 * x + 3.1557E-005$$

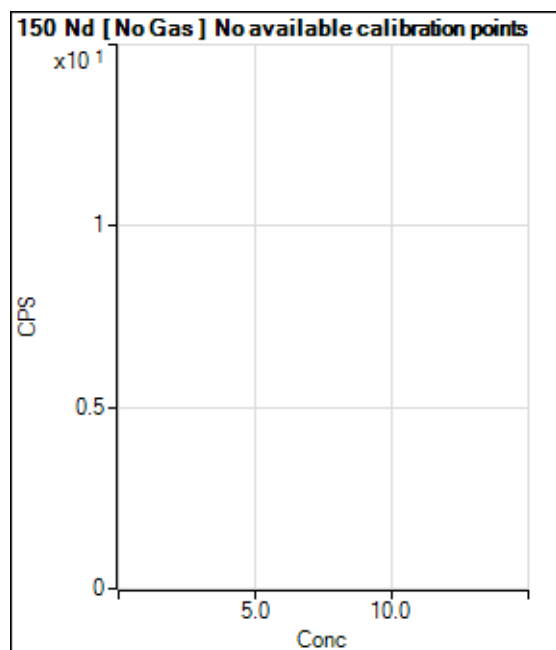
$$R = 1.0000$$

$$DL = 0.008337$$

$$BEC = 0.02329$$

Weight: <None>

Min Conc: 0



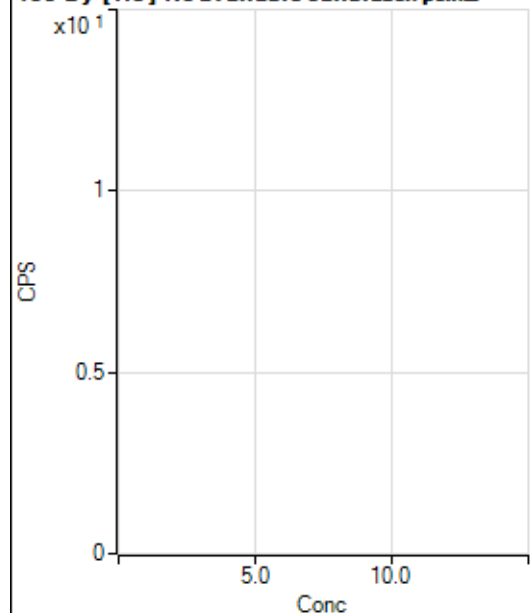
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			12.22		P	15.7
2	☐			18.89		P	56.7
3	☐			135.56		P	28.5
4	☐			365.57		P	3.8
5	☐			656.69		P	2.3
6	☐			1316.75		P	2.0
7	☐			2406.90		P	4.6
8	☐			618.91		P	7.4

150 Nd [He] No available calibration points

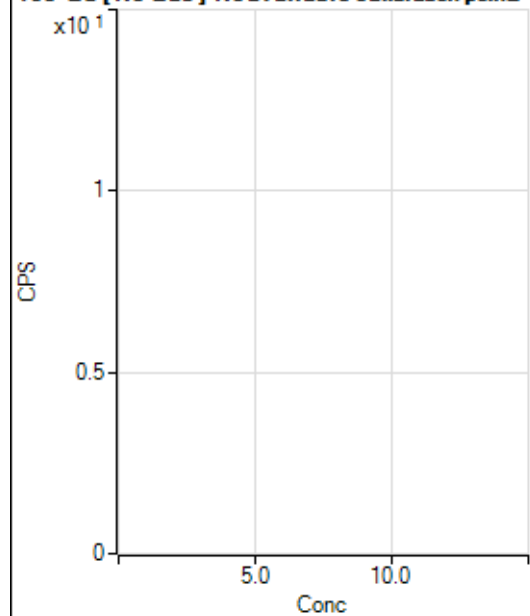
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			2.22		P	86.6
2	☐			6.67		P	50.0
3	☐			8.89		P	78.1
4	☐			13.33		P	25.0
5	☐			27.78		P	30.2
6	☐			68.89		P	7.4
7	☐			148.89		P	5.2
8	☐			165.56		P	6.5

156 Dy [No Gas] No available calibration points

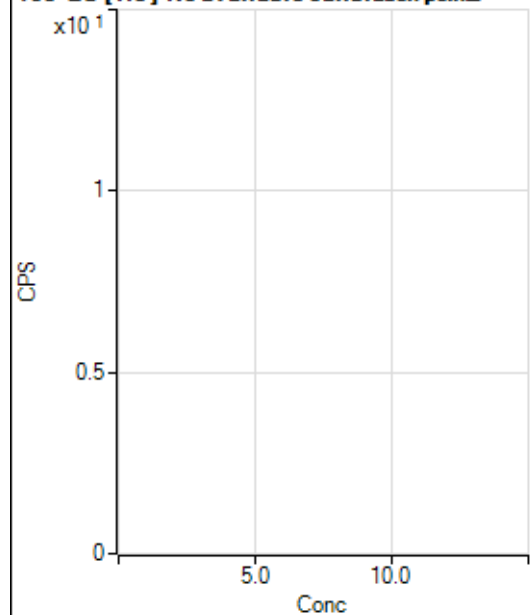
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t.	RSD
1	☐			11.11		P	45.8
2	☐			18.89		P	62.0
3	☐			70.00		P	23.8
4	☐			112.23		P	19.3
5	☐			226.67		P	14.7
6	☐			397.79		P	8.1
7	☐			871.15		P	7.4
8	☐			1237.85		P	7.5

156 Dy [He] No available calibration points

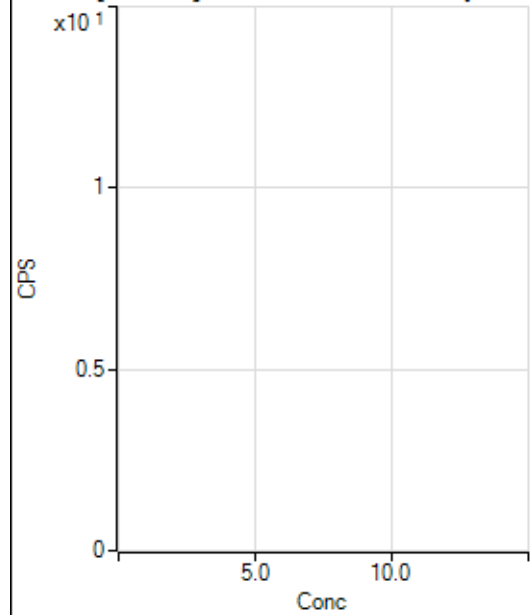
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			4.44		P	114.6
3	☐			10.00		P	57.8
4	☐			23.33		P	14.3
5	☐			38.89		P	9.9
6	☐			83.33		P	14.4
7	☐			152.22		P	16.7
8	☐			398.90		P	9.2

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			110.00		P	32.8
2	☐			132.23		P	11.4
3	☐			137.78		P	12.4
4	☐			204.45		P	12.2
5	☐			217.78		P	19.4
6	☐			323.34		P	7.1
7	☐			554.46		P	9.0
8	☐			1117.84		P	6.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			37.78		P	36.7
2	☐			21.11		P	50.8
3	☐			30.00		P	40.1
4	☐			38.89		P	13.1
5	☐			58.89		P	3.3
6	☐			92.22		P	30.1
7	☐			176.67		P	8.6
8	☐			472.24		P	10.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			80.00		P	25.0
2	☐			96.67		P	9.1
3	☐			113.34		P	5.1
4	☐			163.34		P	4.1
5	☐			221.11		P	10.7
6	☐			344.46		P	3.1
7	☐			651.14		P	1.9
8	☐			1434.54		P	2.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	24.1
2	☐			30.00		P	11.1
3	☐			44.44		P	11.5
4	☐			42.22		P	47.6
5	☐			68.89		P	14.8
6	☐			121.11		P	21.0
7	☐			186.67		P	4.7
8	☐			488.90		P	8.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			76.66		P	30.1
2	☐			68.89		P	22.9
3	☐			111.11		P	16.5
4	☐			148.89		P	5.6
5	☐			217.78		P	19.7
6	☐			397.79		P	8.4
7	☐			713.36		P	4.9
8	☐			2189.09		P	7.7

172 Yb [He] No available calibration points

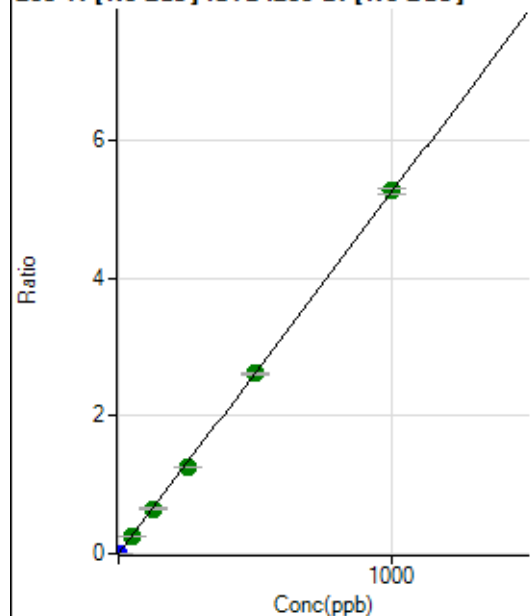
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.67		P	43.3
2	☐			35.56		P	35.5
3	☐			51.11		P	26.4
4	☐			55.55		P	42.1
5	☐			102.22		P	3.8
6	☐			132.23		P	23.4
7	☐			326.67		P	16.2
8	☐			988.94		P	4.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1859.04		P	4.6
2	☐			2019.07		P	4.5
3	☐			10143.98		P	3.1
4	☐			22679.60		P	0.7
5	☐			42234.07		P	1.7
6	☐			84750.54		P	0.4
7	☐			168452.36		P	0.7
8	☐			2957.03		P	3.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			407.79		P	4.5
2	☐			384.45		P	6.7
3	☐			3294.89		P	2.2
4	☐			7372.12		P	1.7
5	☐			14461.33		P	2.8
6	☐			28754.65		P	0.7
7	☐			57695.30		P	1.8
8	☐			938.93		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	130.00	0.0000	P	10.9
2	☐	1.000	0.884	32911.68	0.0047	P	0.6
3	☐	50.000	48.728	1826510.67	0.2559	A	2.7
4	☐	125.000	123.765	4560964.55	0.6500	A	2.4
5	☐	250.000	240.195	8641275.15	1.2614	A	0.6
6	☐	500.000	497.533	17579101.13	2.6128	A	1.1
7	☐	1000.000	1003.903	34363073.38	5.2720	A	1.4
8	☐			2212.44	0.0004	P	15.7

$$y = 0.0053 * x + 1.8595E-005$$

$$R = 0.9999$$

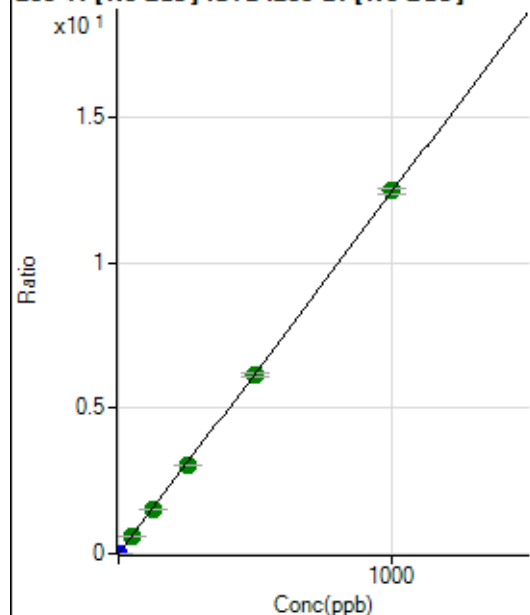
$$DL = 0.001161$$

$$BEC = 0.003541$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	354.45	0.0001	P	12.5
2	☐	1.000	0.891	78411.66	0.0111	P	0.1
3	☐	50.000	49.204	4361015.53	0.6110	A	2.3
4	☐	125.000	121.481	10585006.09	1.5084	A	1.6
5	☐	250.000	243.211	20686738.72	3.0198	A	0.7
6	☐	500.000	495.000	41350547.44	6.1460	A	1.4
7	☐	1000.000	1004.677	81306304.34	12.4743	A	1.3
8	☐			4894.31	0.0009	P	11.6

$$y = 0.0124 * x + 5.0758E-005$$

$$R = 1.0000$$

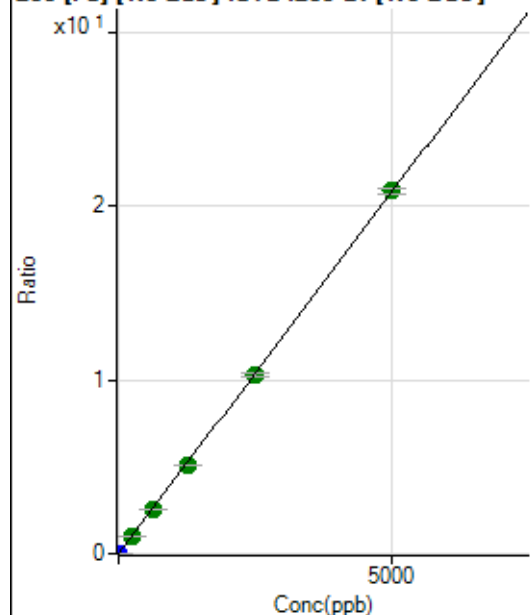
$$DL = 0.001527$$

$$BEC = 0.004088$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1620.12	0.0002	P	4.8
2	☐	1.000	0.774	24366.33	0.0035	P	1.0
3	☐	250.000	244.530	7267769.20	1.0182	A	1.2
4	☐	625.000	615.671	17987187.51	2.5631	A	1.0
5	☐	1250.000	1222.881	34874923.65	5.0908	A	1.2
6	☐	2500.000	2475.059	69320305.63	10.3033	A	1.5
7	☐	5000.000	5020.690	136226081.30	20.9002	A	1.3
8	☐			58068.14	0.0107	P	0.7

$$y = 0.0042 * x + 2.3191E-004$$

$$R = 1.0000$$

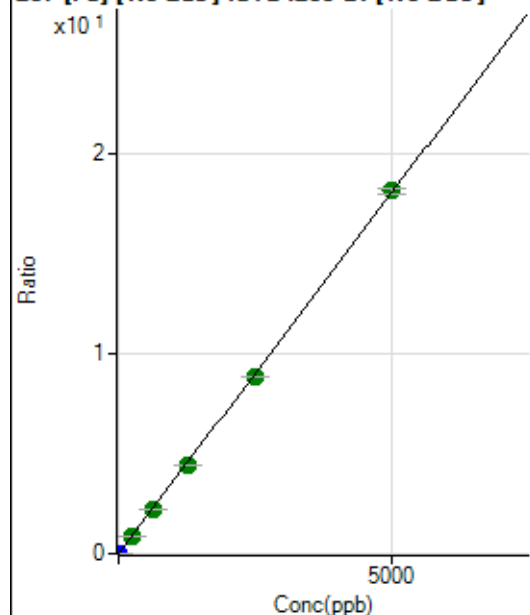
$$DL = 0.008055$$

$$BEC = 0.05571$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1442.31	0.0002	P	7.9
2	☐	1.000	0.765	20903.62	0.0030	P	1.1
3	☐	250.000	245.904	6320275.88	0.8855	A	2.0
4	☐	625.000	611.959	15461903.38	2.2033	A	1.4
5	☐	1250.000	1226.775	30256706.22	4.4167	A	1.0
6	☐	2500.000	2453.789	59436154.12	8.8340	A	1.0
7	☐	5000.000	5030.747	118049054.91	18.1113	A	1.4
8	☐			50071.86	0.0092	P	0.7

$$y = 0.0036 * x + 2.0640E-004$$

$$R = 0.9999$$

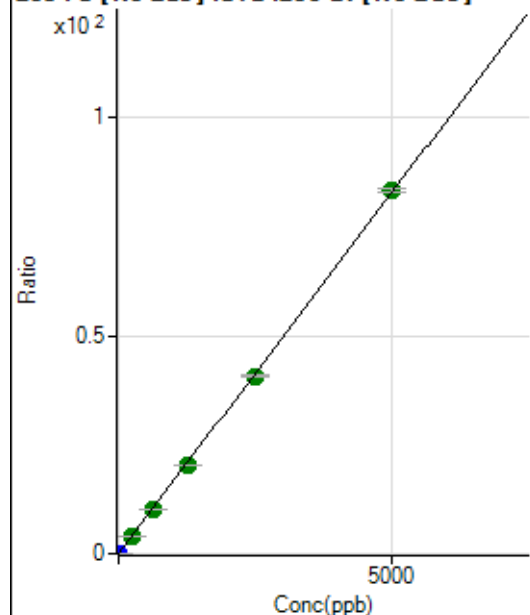
$$DL = 0.01363$$

$$BEC = 0.05733$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6508.49	0.0009	P	2.0
2	☐	1.000	0.765	96053.49	0.0136	P	0.4
3	☐	250.000	244.268	28887408.46	4.0471	A	1.5
4	☐	625.000	612.483	71201880.05	10.1463	A	1.4
5	☐	1250.000	1226.169	139145091.54	20.3115	A	0.6
6	☐	2500.000	2458.720	274019319.81	40.7279	A	1.1
7	☐	5000.000	5028.449	542899316.36	83.2936	A	1.0
8	☐			230257.17	0.0424	P	0.7

$$y = 0.0166 * x + 9.3143E-004$$

$$R = 0.9999$$

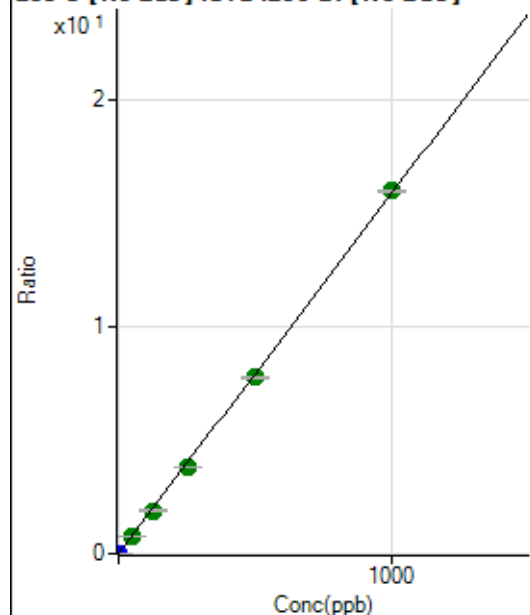
$$DL = 0.00338$$

$$BEC = 0.05623$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	270.01	0.0000	P	6.1
2	☐	1.000	0.872	97797.92	0.0139	P	0.5
3	☐	50.000	47.913	5417214.05	0.7590	A	2.1
4	☐	125.000	120.098	13350135.92	1.9024	A	1.5
5	☐	250.000	242.757	26342927.66	3.8453	A	0.2
6	☐	500.000	489.501	52168500.33	7.7537	A	0.6
7	☐	1000.000	1007.777	104041460.67	15.9632	A	0.7
8	☐			3933.99	0.0007	P	11.5

$$y = 0.0158 * x + 3.8630E-005$$

$$R = 0.9999$$

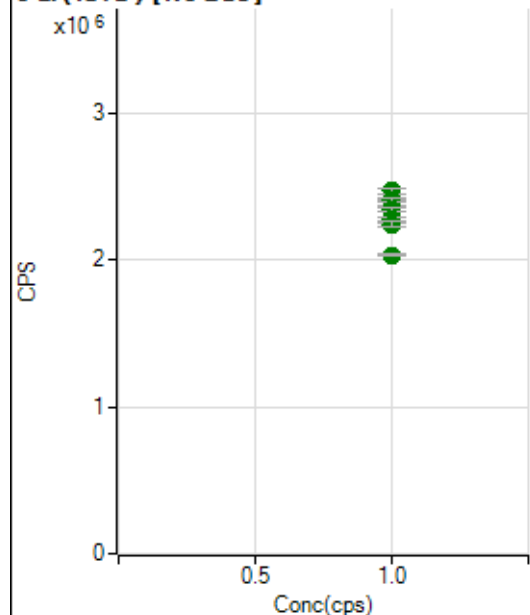
$$DL = 0.0004451$$

$$BEC = 0.002439$$

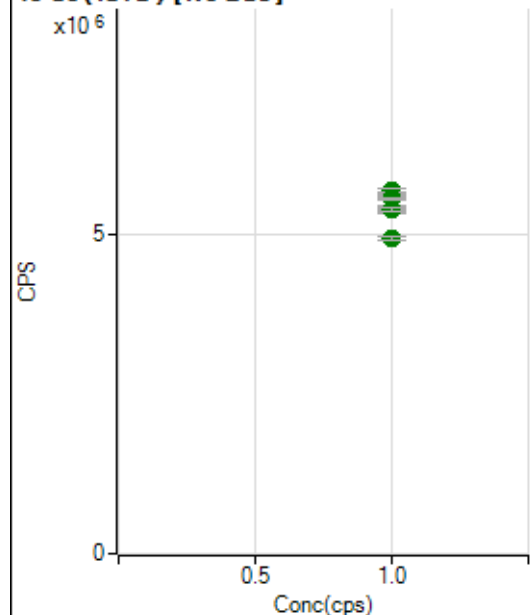
Weight: <None>

Min Conc: 0

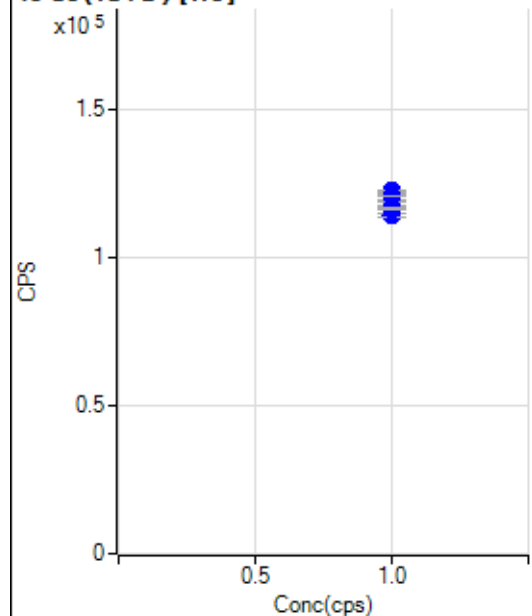
6 Li (ISTD) [No Gas]



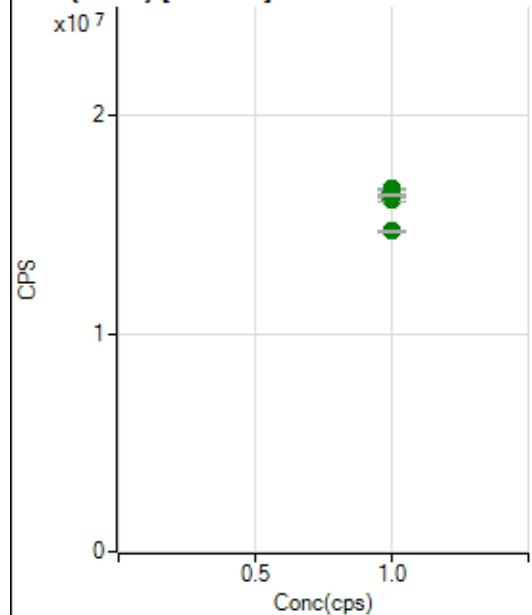
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2389202.00		A	1.9
2	☐	1.000		2424700.09		A	1.5
3	☐	1.000		2466607.85		A	1.6
4	☐	1.000		2405050.44		A	1.1
5	☐	1.000		2340505.62		A	1.2
6	☐	1.000		2271850.03		A	1.7
7	☐	1.000		2239370.66		A	2.0
8	☐	1.000		2030110.36		A	0.6

45 Sc (ISTD) [No Gas]

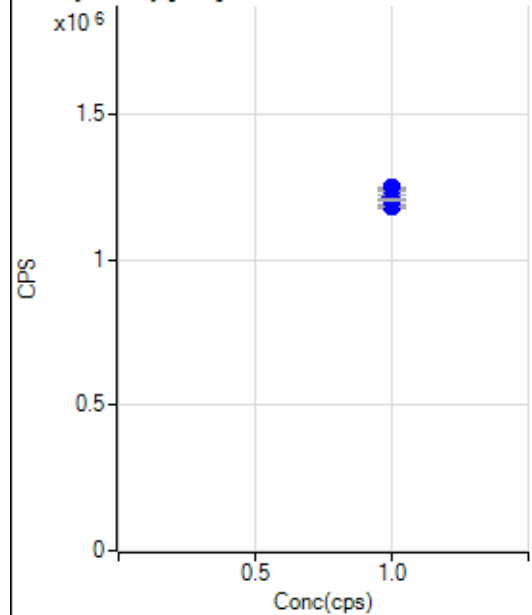
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5593084.85		A	1.4
2	☐	1.000		5675688.46		A	0.9
3	☐	1.000		5563537.14		A	0.8
4	☐	1.000		5555228.46		A	0.5
5	☐	1.000		5384720.93		A	2.0
6	☐	1.000		5377586.66		A	0.5
7	☐	1.000		5391551.20		A	0.8
8	☐	1.000		4927708.60		A	1.0

45 Sc (ISTD) [He]

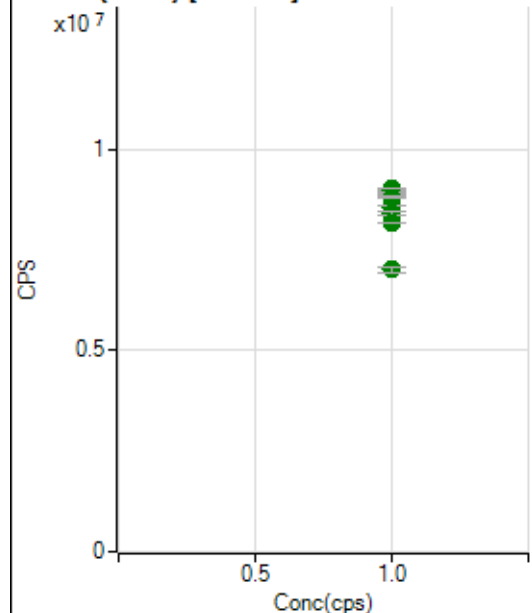
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		122552.16		P	0.5
2	☐	1.000		120983.91		P	0.5
3	☐	1.000		119301.97		P	0.7
4	☐	1.000		117042.71		P	0.4
5	☐	1.000		114310.85		P	0.7
6	☐	1.000		116826.78		P	0.7
7	☐	1.000		120522.90		P	0.0
8	☐	1.000		116517.38		P	0.2

89 Y (ISTD) [No Gas]

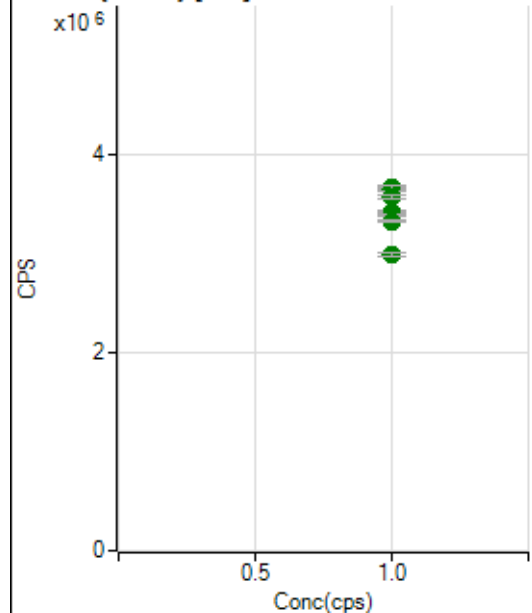
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		16497634.20		A	0.7
2	☐	1.000		16648311.14		A	0.7
3	☐	1.000		16651874.33		A	0.7
4	☐	1.000		16487750.03		A	1.2
5	☐	1.000		16146693.79		A	0.9
6	☐	1.000		16315845.59		A	0.8
7	☐	1.000		16392631.28		A	0.7
8	☐	1.000		14731757.00		A	0.6

89 Y (ISTD) [He]

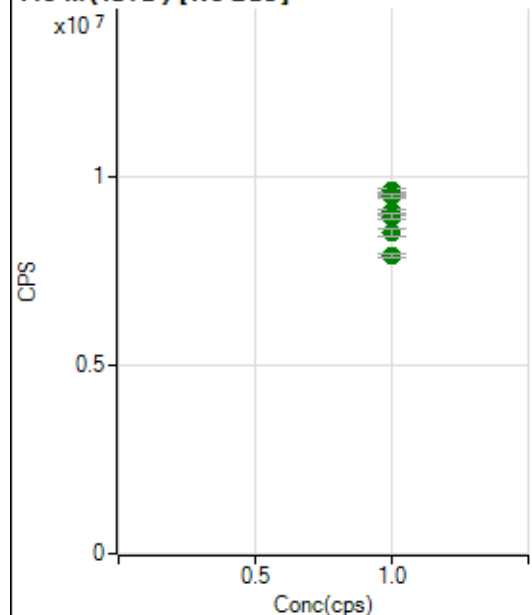
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1234377.71		P	0.4
2	☐	1.000		1245551.91		P	0.5
3	☐	1.000		1234725.01		P	0.2
4	☐	1.000		1214118.54		P	0.8
5	☐	1.000		1182099.20		P	0.8
6	☐	1.000		1185538.53		P	0.3
7	☐	1.000		1184643.87		P	0.6
8	☐	1.000		1204677.01		P	0.5

103 Rh (ISTD) [No Gas]

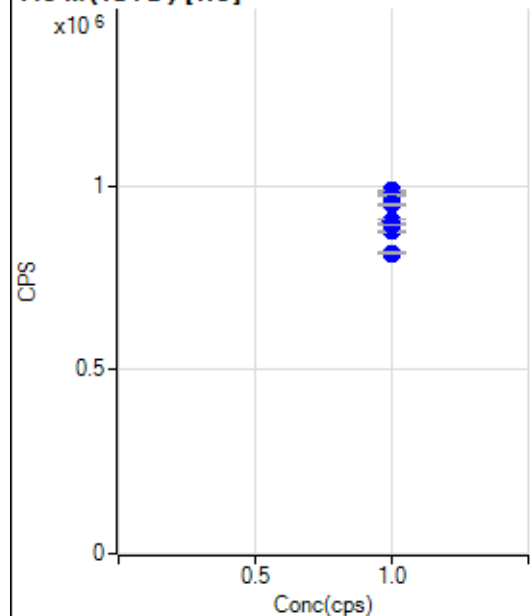
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8970779.87		A	1.7
2	☐	1.000		9012420.14		A	0.3
3	☐	1.000		8973363.62		A	0.7
4	☐	1.000		8793362.92		A	0.5
5	☐	1.000		8527231.61		A	1.6
6	☐	1.000		8405045.22		A	1.5
7	☐	1.000		8162300.43		A	0.2
8	☐	1.000		7005283.72		A	1.9

103 Rh (ISTD) [He]

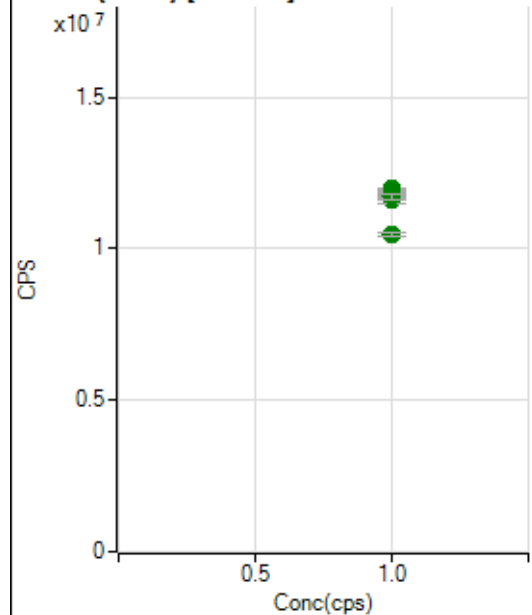
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3660554.18		A	0.4
2	☐	1.000		3638623.18		A	0.9
3	☐	1.000		3651125.99		A	1.4
4	☐	1.000		3569592.07		A	0.9
5	☐	1.000		3418805.40		A	0.8
6	☐	1.000		3388496.45		A	0.6
7	☐	1.000		3320614.71		A	0.6
8	☐	1.000		2991865.34		A	1.0

115 In (ISTD) [No Gas]

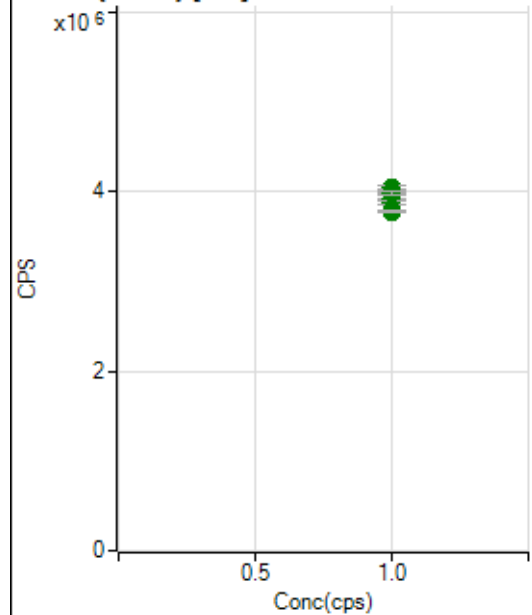
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9476207.02		A	0.2
2	☐	1.000		9613511.38		A	1.1
3	☐	1.000		9501736.34		A	0.7
4	☐	1.000		9461973.82		A	0.9
5	☐	1.000		9068838.11		A	1.7
6	☐	1.000		8942063.13		A	1.2
7	☐	1.000		8510599.63		A	2.0
8	☐	1.000		7905586.88		A	0.9

115 In (ISTD) [He]

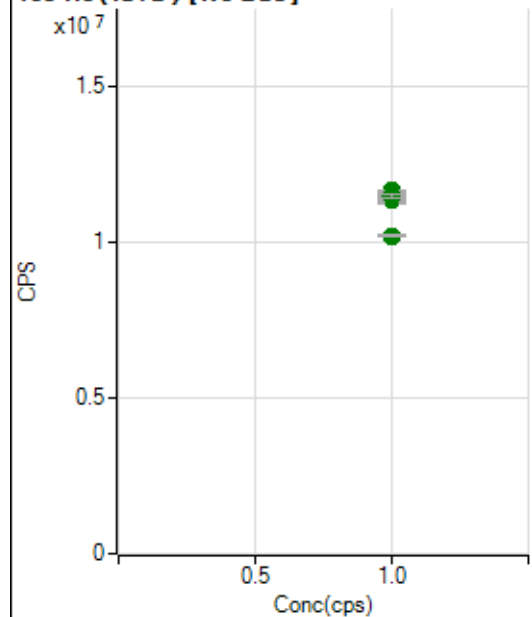
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		979352.26		P	0.4
2	☐	1.000		985266.06		P	0.6
3	☐	1.000		973452.77		P	0.6
4	☐	1.000		948569.89		P	0.4
5	☐	1.000		903554.31		P	0.7
6	☐	1.000		876938.26		P	0.6
7	☐	1.000		816692.93		P	0.4
8	☐	1.000		891945.07		P	0.1

159 Tb (ISTD) [No Gas]

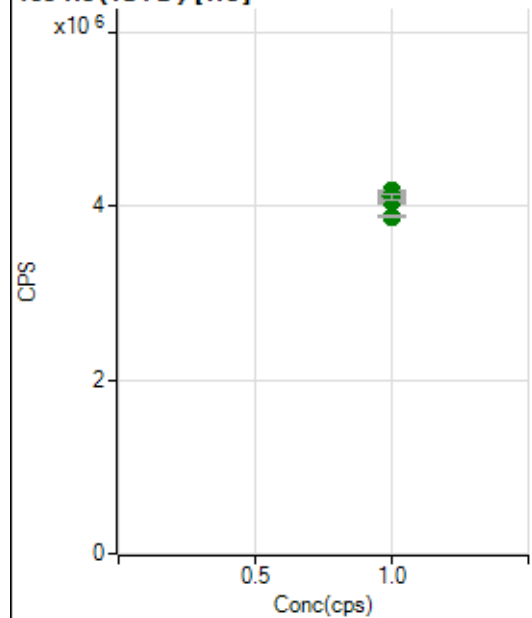
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11599236.22		A	1.6
2	☐	1.000		11831881.77		A	0.1
3	☐	1.000		11970443.99		A	0.7
4	☐	1.000		11897871.77		A	1.0
5	☐	1.000		11716021.49		A	1.7
6	☐	1.000		11778904.69		A	1.1
7	☐	1.000		11721164.83		A	1.7
8	☐	1.000		10474588.04		A	1.7

159 Tb (ISTD) [He]

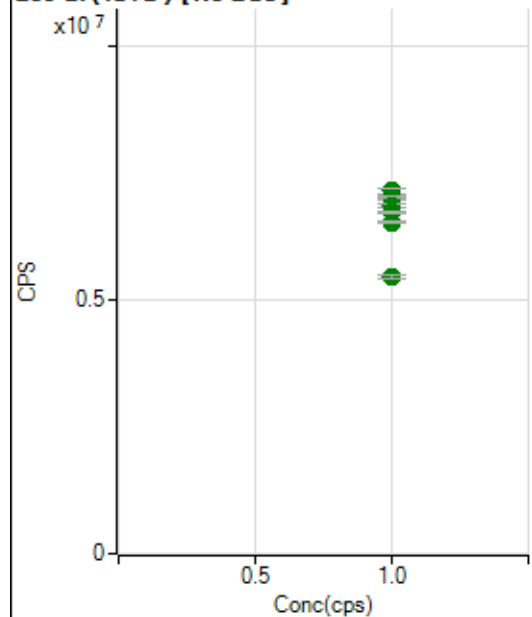
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3914505.29		A	0.3
2	☐	1.000		3969999.18		A	0.9
3	☐	1.000		4036436.12		A	0.9
4	☐	1.000		3991495.98		A	0.6
5	☐	1.000		3873220.98		A	0.6
6	☐	1.000		3921378.93		A	1.4
7	☐	1.000		3975145.32		A	1.4
8	☐	1.000		3774088.66		A	0.9

165 Ho (ISTD) [No Gas]

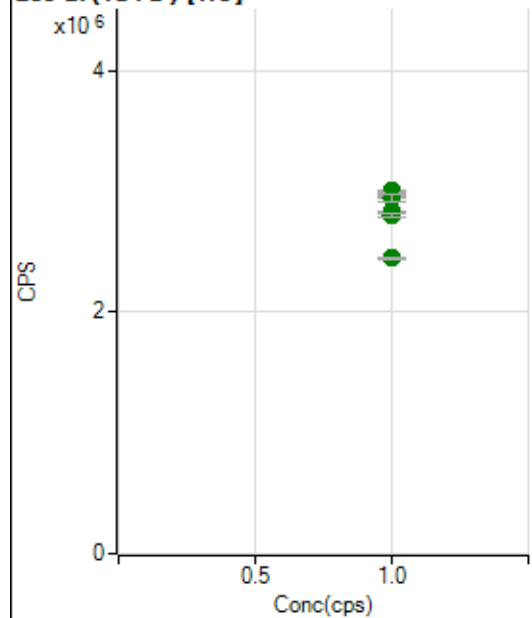
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11421543.86		A	1.4
2	☐	1.000		11376100.11		A	1.7
3	☐	1.000		11588963.02		A	1.6
4	☐	1.000		11664955.66		A	0.6
5	☐	1.000		11414491.36		A	0.8
6	☐	1.000		11414932.05		A	1.7
7	☐	1.000		11491929.00		A	0.9
8	☐	1.000		10228819.78		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4079226.99		A	0.9
2	☐	1.000		4146833.03		A	1.3
3	☐	1.000		4178727.37		A	0.7
4	☐	1.000		4100413.90		A	0.4
5	☐	1.000		4055293.86		A	1.2
6	☐	1.000		4066167.51		A	0.2
7	☐	1.000		4111613.83		A	1.5
8	☐	1.000		3885521.36		A	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6987400.24		A	0.8
2	☐	1.000		7058014.89		A	0.2
3	☐	1.000		7138734.06		A	1.3
4	☐	1.000		7017922.33		A	0.7
5	☐	1.000		6850607.47		A	0.7
6	☐	1.000		6728362.40		A	0.6
7	☐	1.000		6517730.11		A	0.5
8	☐	1.000		5436372.49		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2948882.73		A	0.5
2	☐	1.000		3001505.54		A	0.5
3	☐	1.000		2991787.84		A	0.4
4	☐	1.000		2942745.89		A	2.1
5	☐	1.000		2831284.58		A	0.2
6	☐	1.000		2827434.30		A	0.2
7	☐	1.000		2796395.41		A	0.9
8	☐	1.000		2446450.61		A	0.7