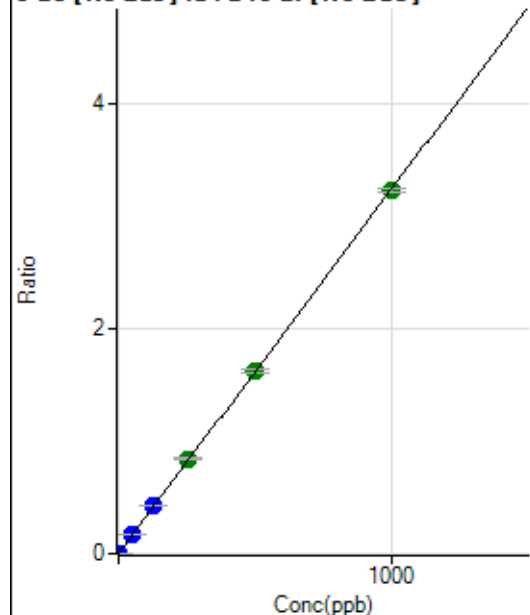


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8033127-MS.b\
Analysis File: P8033127-MS.batch.bin
DA Date-Time: 2025-03-31 17:43:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-31 12:04:44
2	006CALS.d	S02	2025-03-31 12:11:30
3	007CALB.d	S03	2025-03-31 12:14:52
4	008CALS.d	S04	2025-03-31 12:17:54
5	009CALS.d	S05	2025-03-31 12:20:47
6	010CALS.d	S06	2025-03-31 12:23:34
7	011CALS.d	S07	2025-03-31 12:26:19
8	012CALS.d	S08	2025-03-31 12:29:09

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	134.15	0.0001	P	10.8
2	☐	1.000	1.026	6408.94	0.0034	P	1.4
3	☐	50.000	54.295	333340.03	0.1759	P	0.3
4	☐	125.000	132.579	829325.77	0.4293	P	1.5
5	☐	250.000	259.959	1586648.91	0.8417	A	1.3
6	☐	500.000	501.772	3056945.86	1.6246	A	1.3
7	☐	1000.000	995.462	5932756.02	3.2229	A	1.0
8	☐			282.05	0.0002	P	11.5

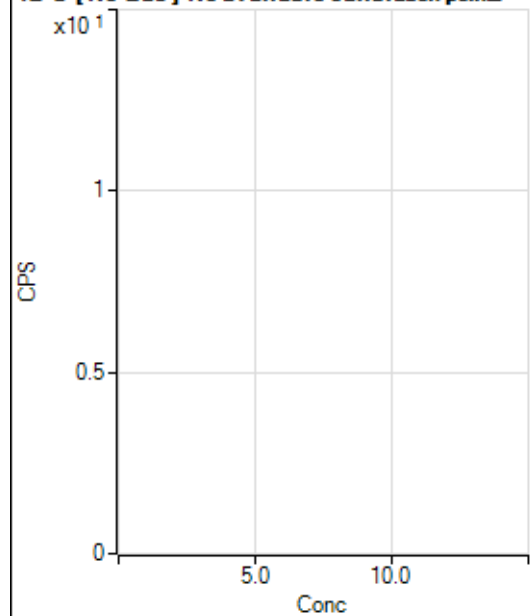
$$y = 0.0032 * x + 7.2238E-005$$

$$R = 0.9999$$

$$DL = 0.007227$$

Weight: <None>

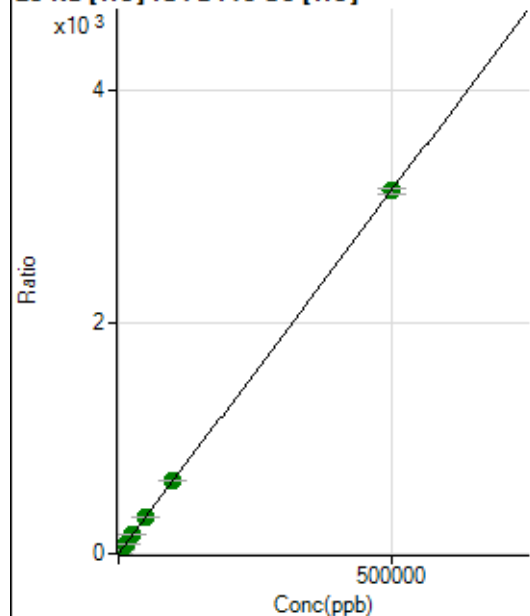
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4939177.88		A	5.5
2	☐			4951638.54		A	6.3
3	☐			5269466.59		A	4.1
4	☐			5420666.24		A	3.1
5	☐			5521434.02		A	3.1
6	☐			5718682.83		A	1.5
7	☐			6261235.88		A	0.1
8	☐			5559220.82		A	3.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			35659.85		P	1.5
2	☐			35322.43		P	0.4
3	☐			38395.66		P	1.3
4	☐			39061.79		P	0.2
5	☐			41478.39		P	1.7
6	☐			44172.85		P	1.7
7	☐			50438.50		P	0.6
8	☐			55824.37		P	0.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	79551.70	0.6571	P	1.3
2	☐	500.000	456.882	442231.74	3.5244	P	5.6
3	☐	5000.000	5133.417	4187752.86	32.8736	A	2.1
4	☐	12500.000	13063.964	10569744.57	82.6445	A	0.5
5	☐	25000.000	25661.243	20992815.52	161.7030	A	1.0
6	☐	50000.000	50347.385	40300144.68	316.6294	A	0.3
7	☐	100000.00	100871.19	81117279.35	633.7090	A	1.5
8	☐	500000.00	499742.57	359297234.64	3,136.9637	A	1.8

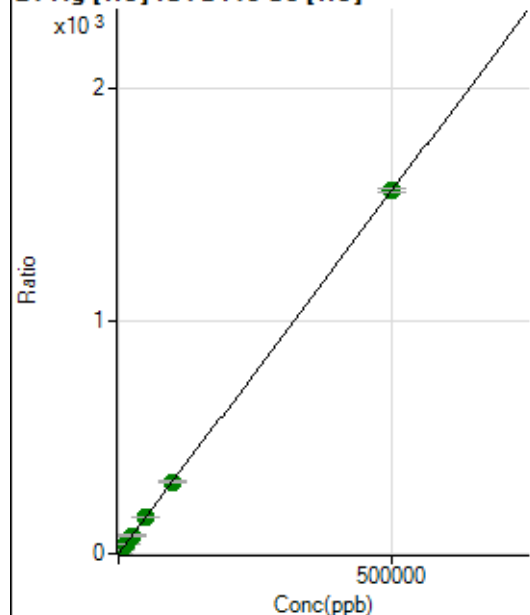
$$y = 0.0063 * x + 0.6571$$

$$R = 1.0000$$

$$DL = 4.112$$

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	536.68	0.0044	P	10.0
2	☐	500.000	450.275	176543.34	1.4068	P	9.1
3	☐	5000.000	5116.369	2030412.04	15.9390	A	2.6
4	☐	12500.000	12778.660	5090480.10	39.8026	A	0.5
5	☐	25000.000	25179.465	10181274.50	78.4239	A	0.4
6	☐	50000.000	49723.750	19710637.76	154.8651	A	0.7
7	☐	100000.00	99262.549	39572696.63	309.1498	A	1.0
8	☐	500000.00	500158.06	178435735.12	1,557.7074	A	1.2

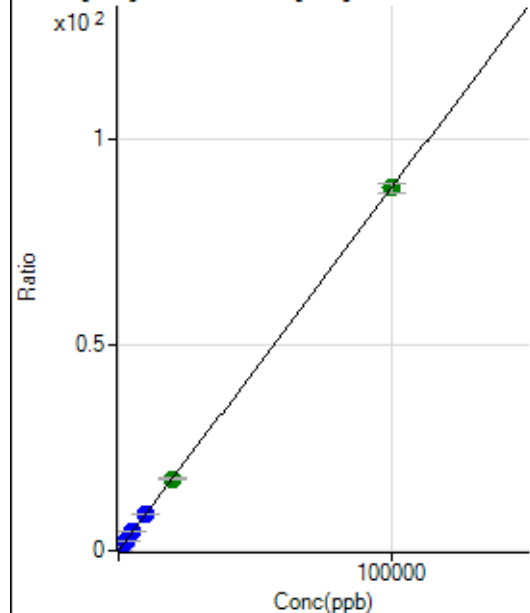
$$y = 0.0031 * x + 0.0044$$

$$R = 1.0000$$

$$DL = 0.4288$$

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	272.23	0.0022	P	13.0
2	☐	20.000	17.362	2200.19	0.0175	P	13.0
3	☐	1000.000	1033.812	116193.96	0.9121	P	2.4
4	☐	2500.000	2603.859	293381.26	2.2939	P	0.4
5	☐	5000.000	5126.054	585966.82	4.5138	P	0.9
6	☐	10000.000	10189.015	1141630.75	8.9698	P	1.0
7	☐	20000.000	19869.596	2238768.13	17.4898	A	1.5
8	☐	100000.00	99997.943	10080002.70	88.0122	A	2.9

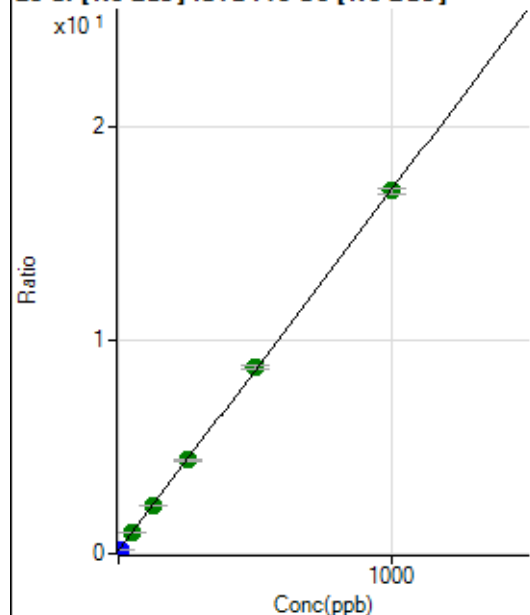
$$y = 8.8012E-004 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 0.9992$$

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	676569.31	0.1449	P	0.9
2	☐	10.000	1.180	789306.74	0.1649	P	1.7
3	☐	50.000	50.537	4824142.01	1.0009	A	1.2
4	☐	125.000	126.408	11171994.42	2.2861	A	1.0
5	☐	250.000	250.651	21354224.68	4.3907	A	1.2
6	☐	500.000	506.554	41729090.49	8.7254	A	2.5
7	☐	1000.000	996.446	80372821.58	17.0237	A	1.4
8	☐			1116257.93	0.2617	A	7.1

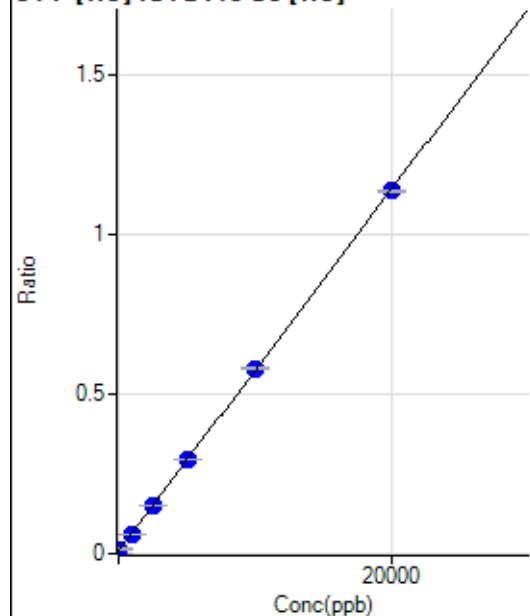
$$y = 0.0169 * x + 0.1449$$

$$R = 0.9999$$

$$DL = 0.2381$$

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	-116.489	203.34	0.0017	P	14.5
2	☐	0.000	116.489	1863.48	0.0149	P	8.8
3	☐	1000.000	921.254	7688.77	0.0604	P	2.7
4	☐	2500.000	2506.097	19180.53	0.1500	P	2.7
5	☐	5000.000	5107.297	38565.64	0.2971	P	0.0
6	☐	10000.000	10115.276	73850.86	0.5802	P	0.8
7	☐	20000.000	19918.713	145232.78	1.1346	P	0.4
8	☐			253.34	0.0022	P	10.6

$$y = 5.6546E-005 * x + 0.0083$$

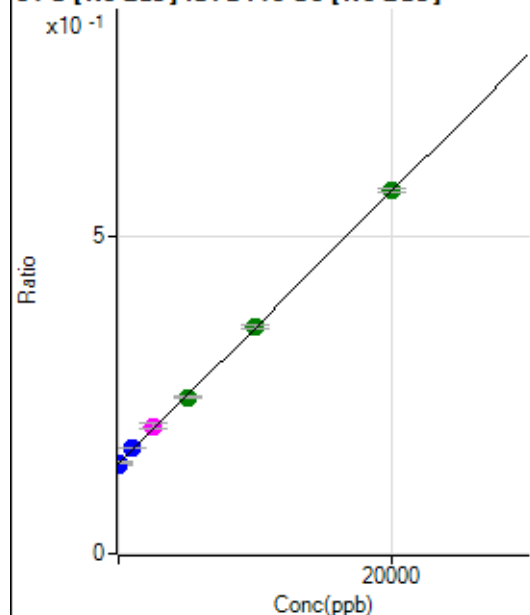
$$R = 0.9999$$

$$DL = 40.96$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-86.725	654137.73	0.1401	P	1.0
2	☐	0.000	86.725	688503.48	0.1438	P	0.5
3	☐	1000.000	1135.145	801829.74	0.1664	P	0.9
4	☐	2500.000	2730.051	980708.91	0.2007	M	4.9
5	☐	5000.000	4836.009	1196493.89	0.2460	A	1.3
6	☐	10000.000	10017.778	1709987.28	0.3575	A	2.2
7	☐	20000.000	19996.595	2702030.48	0.5723	A	1.1
8	☐			627635.42	0.1471	P	1.1

$$y = 2.1523E-005 * x + 0.1419$$

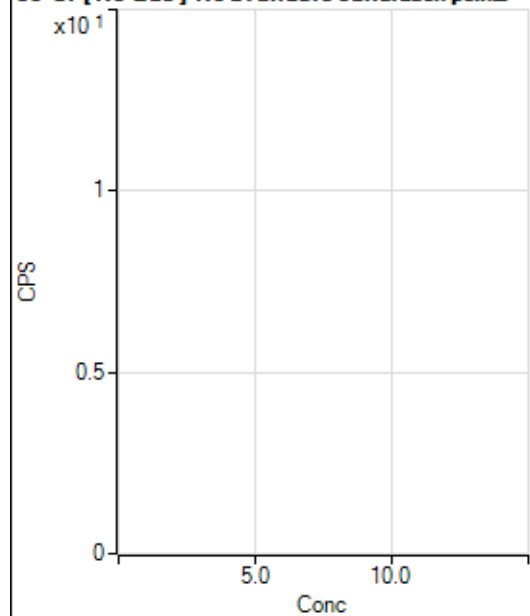
$$R = 0.9998$$

$$DL = 144$$

Weight: <None>

Min Conc: 0

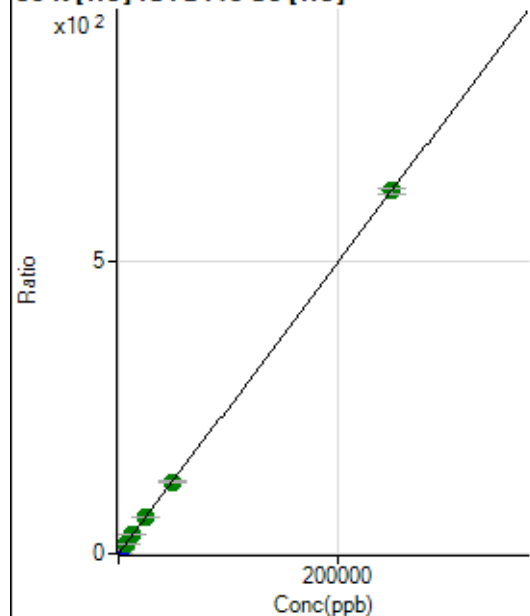
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			481574.76		P	0.5
2	☐			495399.74		P	0.3
3	☐			517031.35		P	0.6
4	☐			515797.54		P	0.3
5	☐			517297.69		P	0.9
6	☐			528709.04		P	0.7
7	☐			548593.22		P	1.0
8	☐			435038.97		P	0.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3092.58		P	4.3
2	☐			3085.92		P	3.7
3	☐			3181.49		P	2.7
4	☐			3230.39		P	3.0
5	☐			3431.55		P	5.8
6	☐			3395.99		P	1.9
7	☐			3466.01		P	6.0
8	☐			2968.11		P	2.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27761.18	0.2293	P	1.8
2	☐	500.000	446.632	167526.95	1.3352	P	4.6
3	☐	2500.000	2561.876	837338.27	6.5728	P	0.8
4	☐	6250.000	6400.216	2056144.55	16.0770	A	1.3
5	☐	12500.000	12631.767	4090219.59	31.5070	A	1.2
6	☐	25000.000	25089.950	7936348.15	62.3549	A	0.4
7	☐	50000.000	49292.107	15653148.38	122.2822	A	1.5
8	☐	250000.00	250121.72	70967268.94	619.5593	A	1.4

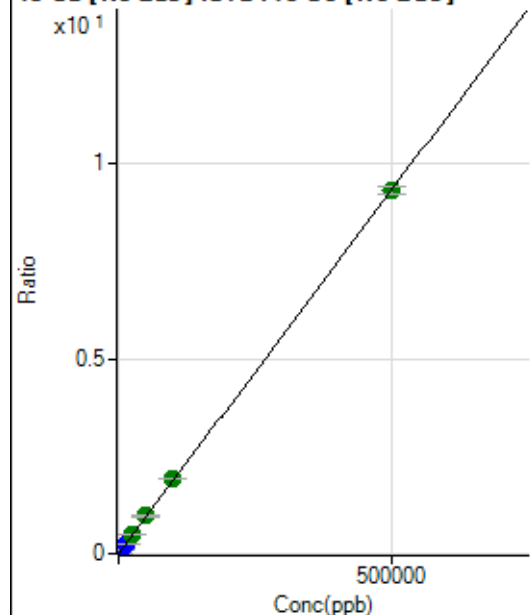
$$y = 0.0025 * x + 0.2293$$

$$R = 1.0000$$

$$DL = 4.911$$

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	5112.07	0.0011	P	2.0
2	☐	500.000	475.649	47712.10	0.0100	P	1.6
3	☐	5000.000	5296.532	481369.85	0.0999	P	0.6
4	☐	12500.000	13075.104	1197006.22	0.2449	P	1.1
5	☐	25000.000	25883.328	2352925.37	0.4838	A	1.7
6	☐	50000.000	52065.993	4648547.92	0.9721	A	3.3
7	☐	100000.00	103166.63	9088660.28	1.9251	A	1.9
8	☐	500000.00	499098.59	39708124.13	9.3091	A	1.9

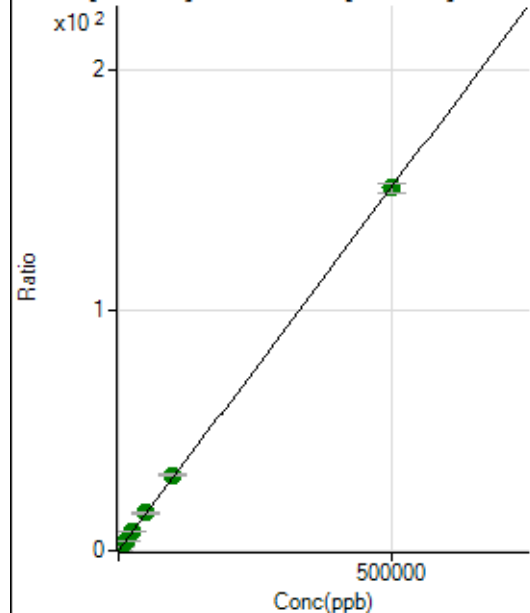
$$y = 1.8650\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 3.52$$

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	292749.36	0.0627	P	1.3
2	☐	500.000	471.782	983125.26	0.2053	P	0.6
3	☐	5000.000	5150.814	7808550.65	1.6201	A	0.6
4	☐	12500.000	12765.511	19170754.30	3.9225	A	1.1
5	☐	25000.000	25586.495	37931184.15	7.7990	A	1.2
6	☐	50000.000	51437.252	74682752.22	15.6153	A	2.2
7	☐	100000.00	103633.00	148234246.68	31.3972	A	1.6
8	☐	500000.00	499092.23	643912452.63	150.9683	A	2.9

$$y = 3.0236\text{E-}004 * x + 0.0627$$

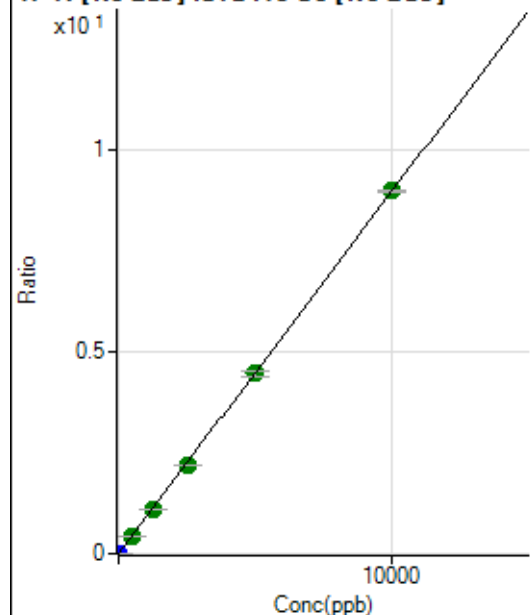
$$R = 1.0000$$

$$DL = 7.92$$

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	963.38	0.0002	P	3.9
2	☐	5.000	4.787	21566.33	0.0045	P	0.4
3	☐	500.000	498.368	2157448.89	0.4476	A	1.8
4	☐	1250.000	1220.239	5354515.82	1.0957	A	1.3
5	☐	2500.000	2446.892	10685057.69	2.1970	A	1.3
6	☐	5000.000	4975.349	21362669.68	4.4670	A	2.6
7	☐	10000.000	10029.404	42512569.37	9.0044	A	0.9
8	☐			4549.65	0.0011	P	4.2

$$y = 8.9778\text{E-}004 * x + 2.0631\text{E-}004$$

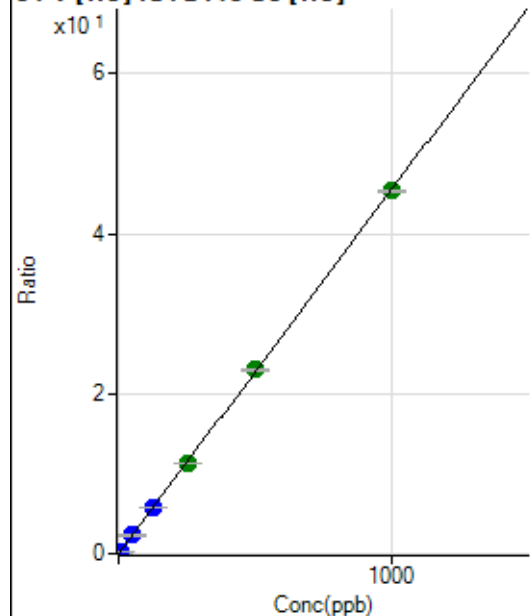
$$R = 1.0000$$

$$DL = 0.02712$$

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	34.44	0.0003	P	22.7
2	☐	5.000	4.336	24792.76	0.1976	P	8.0
3	☐	50.000	50.753	294205.90	2.3095	P	2.6
4	☐	125.000	128.830	749722.42	5.8621	P	0.7
5	☐	250.000	248.280	1466461.58	11.2970	A	1.9
6	☐	500.000	506.250	2931832.32	23.0346	A	0.7
7	☐	1000.000	996.792	5805639.29	45.3543	A	0.7
8	☐			1415.64	0.0124	P	6.8

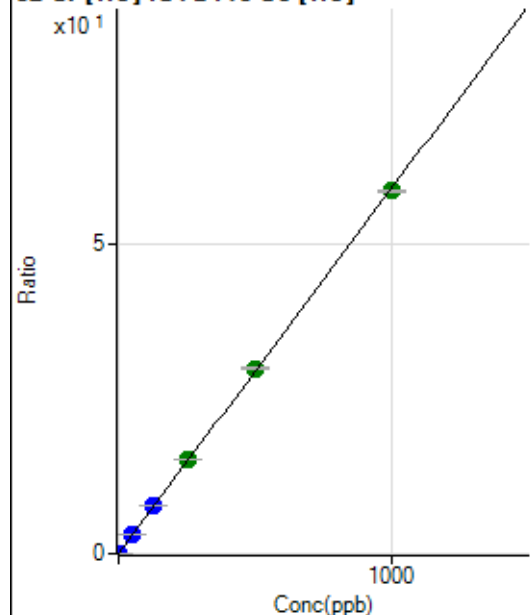
$$y = 0.0455 * x + 2.8461\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.004256$$

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	2011.28	0.0166	P	14.2
2	☐	2.000	1.722	14858.93	0.1184	P	6.2
3	☐	50.000	51.442	389430.03	3.0571	P	2.6
4	☐	125.000	130.161	986022.84	7.7096	P	0.9
5	☐	250.000	257.722	1979508.63	15.2490	A	1.5
6	☐	500.000	507.903	3822842.06	30.0355	A	0.8
7	☐	1000.000	993.401	7517893.36	58.7303	A	0.5
8	☐			43460.23	0.3795	P	2.5

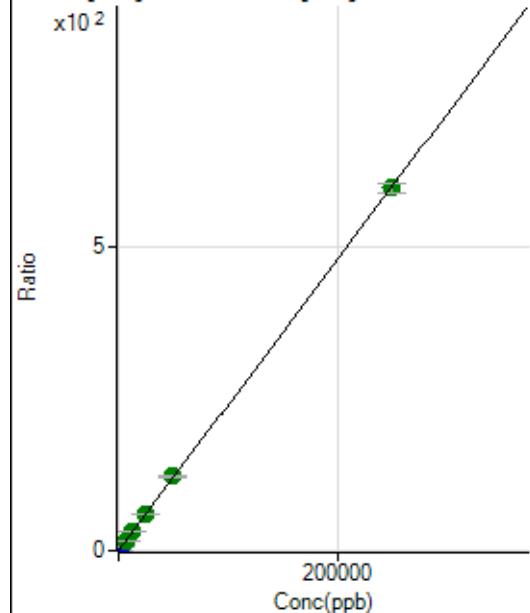
$$y = 0.0591 * x + 0.0166$$

$$R = 0.9999$$

$$DL = 0.1194$$

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	1173.39	0.0097	P	5.1
2	☐	50.000	45.725	14927.93	0.1189	P	10.0
3	☐	2500.000	2678.161	816391.90	6.4087	P	2.6
4	☐	6250.000	6789.000	2075845.85	16.2309	A	0.5
5	☐	12500.000	12971.125	4024858.06	31.0022	A	0.6
6	☐	25000.000	25744.035	7830306.97	61.5211	A	0.3
7	☐	50000.000	51080.993	15624074.63	122.0598	A	1.7
8	☐	250000.00	249670.58	68328355.09	596.5587	A	2.7

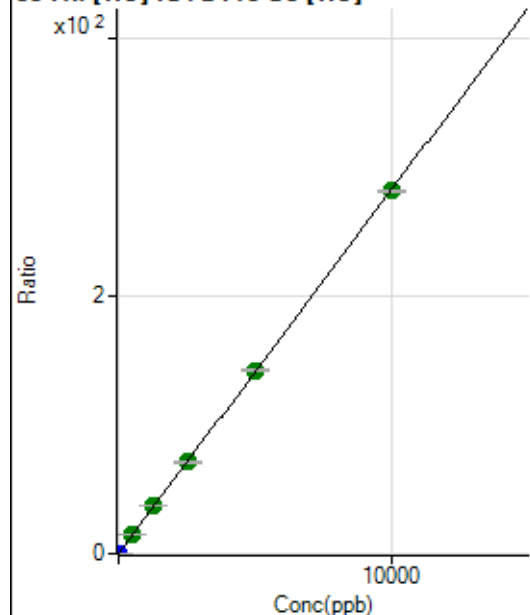
$$y = 0.0024 * x + 0.0097$$

$$R = 1.0000$$

$$DL = 0.6217$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3937.25	0.0325	P	1.6
2	☐	1.000	0.901	7273.03	0.0580	P	4.9
3	☐	500.000	518.697	1870394.48	14.6827	A	2.4
4	☐	1250.000	1301.371	4705096.84	36.7887	A	0.9
5	☐	2500.000	2519.030	9239988.40	71.1805	A	1.7
6	☐	5000.000	5039.017	18118411.68	142.3555	A	1.4
7	☐	10000.000	9968.378	36043837.24	281.5812	A	0.7
8	☐			18375.25	0.1604	P	1.4

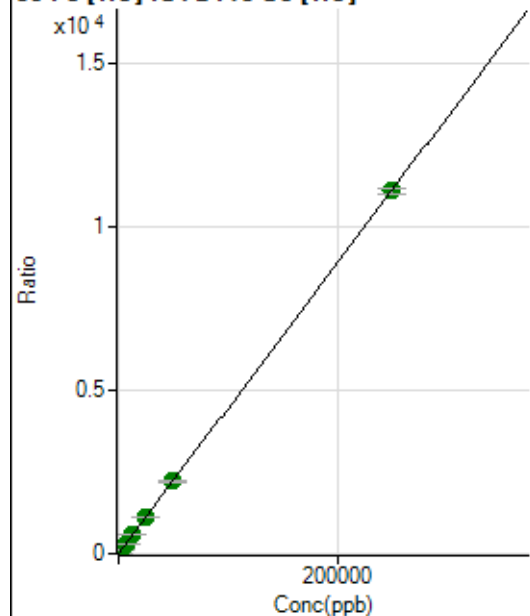
$$y = 0.0282 * x + 0.0325$$

$$R = 1.0000$$

$$DL = 0.05636$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13196.23	0.1090	P	10.9
2	☐	50.000	44.963	264411.31	2.1069	P	9.6
3	☐	2500.000	2589.733	14672571.73	115.1836	A	3.4
4	☐	6250.000	6557.241	37278779.44	291.4795	A	0.7
5	☐	12500.000	12742.724	73517301.68	566.3309	A	1.4
6	☐	25000.000	25335.886	143300045.64	1,125.9071	A	1.5
7	☐	50000.000	49840.276	283505655.78	2,214.7577	A	0.8
8	☐	250000.00	249977.64	1272253287.7	11,107.845	A	1.9

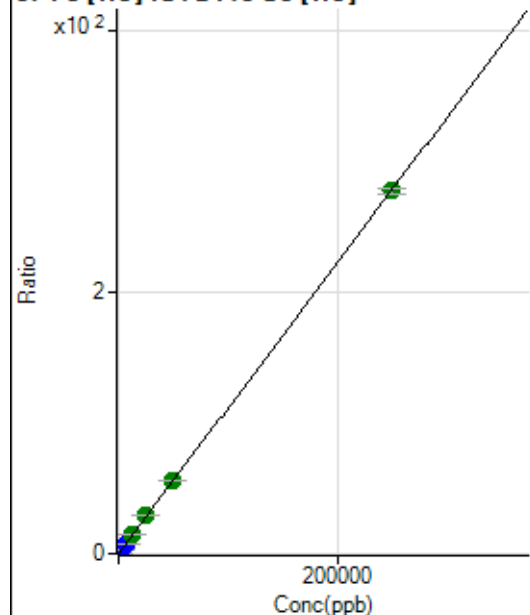
$$y = 0.0444 * x + 0.1090$$

$$R = 1.0000$$

$$DL = 0.8036$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	360.01	0.0030	P	10.4
2	☐	50.000	44.669	6599.39	0.0526	P	8.3
3	☐	2500.000	2616.509	370544.43	2.9088	P	2.7
4	☐	6250.000	6628.434	941852.61	7.3643	P	0.2
5	☐	12500.000	13123.188	1892293.10	14.5772	A	1.6
6	☐	25000.000	26075.775	3686173.14	28.9619	A	0.9
7	☐	50000.000	50107.716	7123717.19	55.6511	A	0.5
8	☐	250000.00	249829.09	31780655.64	277.4557	A	1.3

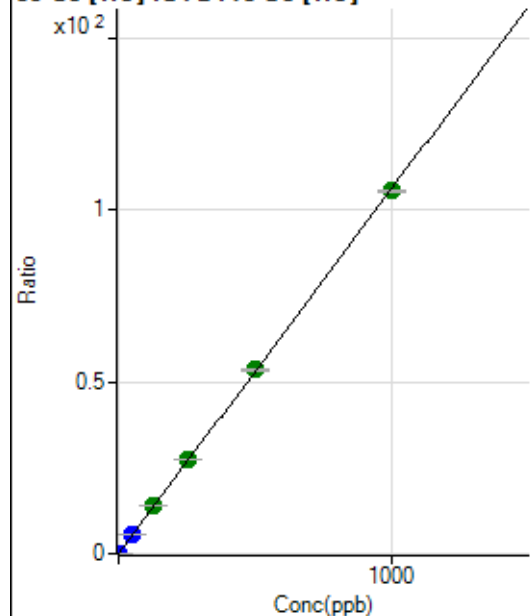
$$y = 0.0011 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 0.8361$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	602.24	0.0050	P	4.9
2	☐	1.000	0.912	12775.86	0.1018	P	8.9
3	☐	50.000	52.582	711460.94	5.5850	P	2.6
4	☐	125.000	131.861	1790289.97	13.9981	A	0.9
5	☐	250.000	258.058	3555577.80	27.3902	A	1.6
6	☐	500.000	504.700	6817414.90	53.5640	A	1.3
7	☐	1000.000	994.649	13512175.77	105.5576	A	0.9
8	☐			27147.09	0.2370	P	1.3

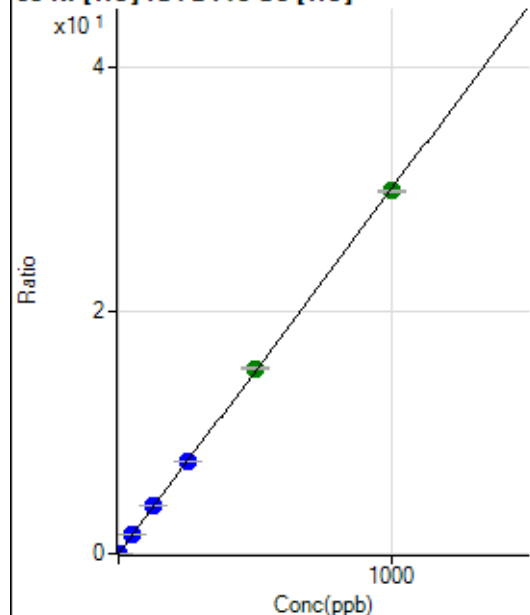
$$y = 0.1061 * x + 0.0050$$

$$R = 0.9999$$

$$DL = 0.006862$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	958.93	0.0079	P	16.0
2	☐	1.000	0.745	3800.55	0.0303	P	1.4
3	☐	50.000	51.674	198722.50	1.5599	P	1.7
4	☐	125.000	130.372	501814.15	3.9236	P	0.6
5	☐	250.000	252.578	985858.48	7.5941	P	0.7
6	☐	500.000	507.788	1942181.24	15.2594	A	1.4
7	☐	1000.000	994.707	3825335.19	29.8840	A	0.6
8	☐			12441.09	0.1086	P	4.4

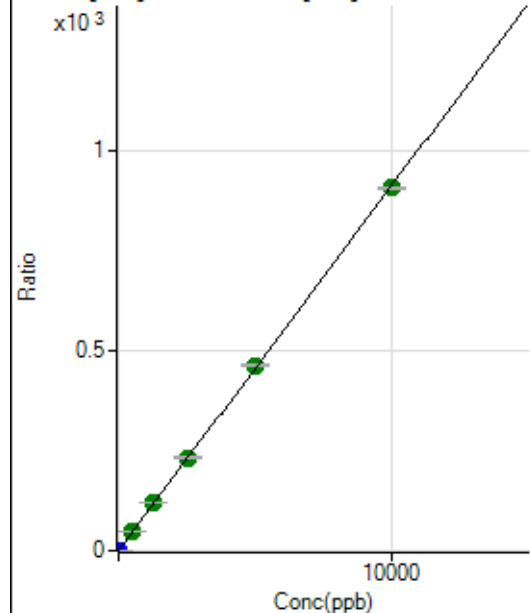
$$y = 0.0300 * x + 0.0079$$

$$R = 0.9999$$

$$DL = 0.1265$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3307.10	0.0273	P	11.7
2	☐	2.000	1.719	23063.30	0.1838	P	6.2
3	☐	500.000	516.346	5990448.45	47.0231	A	2.3
4	☐	1250.000	1300.845	15145868.94	118.4251	A	0.1
5	☐	2500.000	2547.721	30106321.78	231.9108	A	0.9
6	☐	5000.000	5072.458	58763000.24	461.7024	A	1.2
7	☐	10000.000	9944.668	115865050.50	905.1517	A	0.3
8	☐			22880.74	0.1998	P	3.3

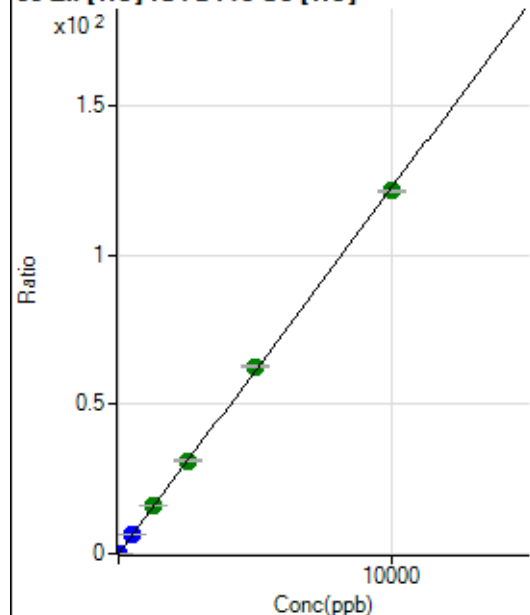
$$y = 0.0910 * x + 0.0273$$

$$R = 0.9999$$

$$DL = 0.105$$

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	2360.22	0.0195	P	4.4
2	☐	2.000	4.128	8793.92	0.0701	P	2.8
3	☐	500.000	522.331	817909.55	6.4206	P	2.4
4	☐	1250.000	1316.723	2066258.63	16.1558	A	1.3
5	☐	2500.000	2545.017	4051756.95	31.2084	A	0.9
6	☐	5000.000	5115.026	7980663.28	62.7035	A	0.8
7	☐	10000.000	9921.775	15566671.85	121.6097	A	0.7
8	☐			29309.25	0.2559	P	2.6

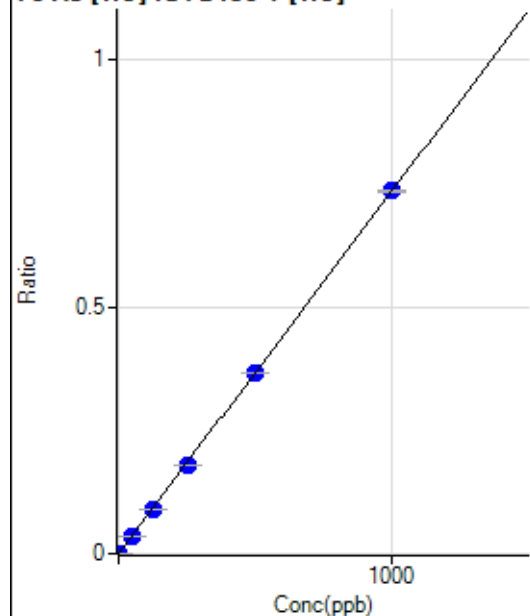
$$y = 0.0123 * x + 0.0195$$

$$R = 0.9999$$

$$DL = 0.2081$$

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	15.55	0.0000	P	44.3
2	☐	1.000	0.910	880.04	0.0007	P	5.0
3	☐	50.000	49.216	46609.02	0.0361	P	1.5
4	☐	125.000	122.575	117463.23	0.0899	P	1.0
5	☐	250.000	245.703	234790.67	0.1801	P	0.6
6	☐	500.000	498.896	465205.31	0.3657	P	0.6
7	☐	1000.000	1001.969	912647.08	0.7344	P	0.8
8	☐			417.79	0.0003	P	2.3

$$y = 7.3293E-004 * x + 1.2459E-005$$

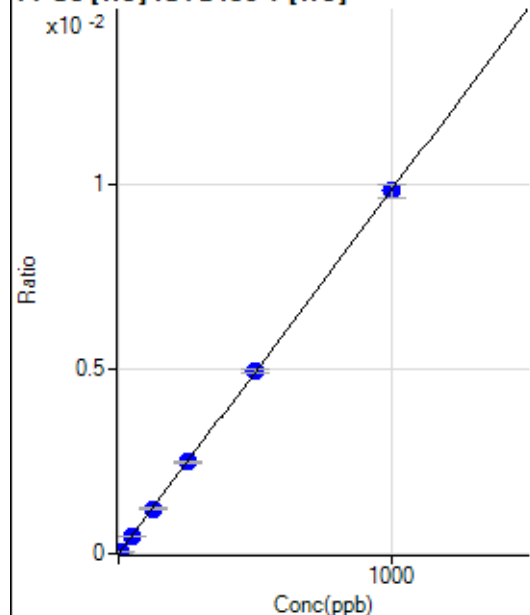
$$R = 1.0000$$

$$DL = 0.02259$$

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	1.11	0.0000	P	173.2
2	☐	5.000	3.673	47.78	0.0000	P	36.6
3	☐	50.000	45.633	580.02	0.0004	P	1.6
4	☐	125.000	123.680	1588.99	0.0012	P	3.6
5	☐	250.000	251.206	3217.07	0.0025	P	2.4
6	☐	500.000	504.223	6300.36	0.0050	P	1.8
7	☐	1000.000	997.977	12178.72	0.0098	P	3.5
8	☐			7.78	0.0000	P	98.9

$$y = 9.8202\text{E-}006 * x + 8.9495\text{E-}007$$

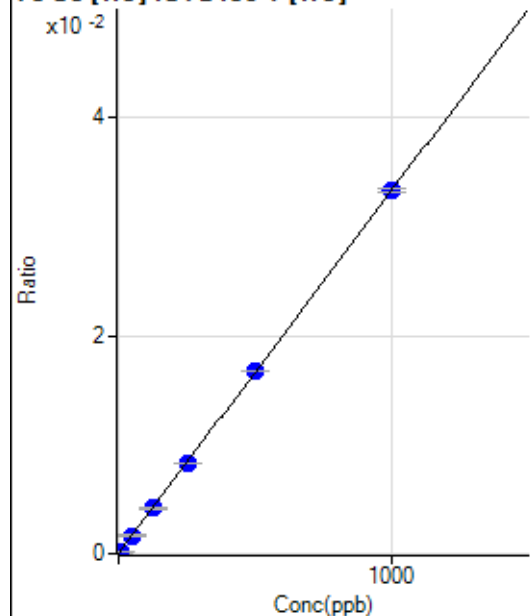
$$R = 1.0000$$

$$DL = 0.4735$$

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	33.33	0.0000	P	36.4
2	☐	5.000	4.000	206.67	0.0002	P	13.7
3	☐	50.000	49.286	2151.30	0.0017	P	2.8
4	☐	125.000	124.854	5462.23	0.0042	P	2.2
5	☐	250.000	246.984	10741.98	0.0082	P	0.9
6	☐	500.000	502.448	21288.45	0.0167	P	0.2
7	☐	1000.000	999.589	41339.49	0.0333	P	1.1
8	☐			53.33	0.0000	P	37.4

$$y = 3.3250\text{E-}005 * x + 2.6752\text{E-}005$$

$$R = 1.0000$$

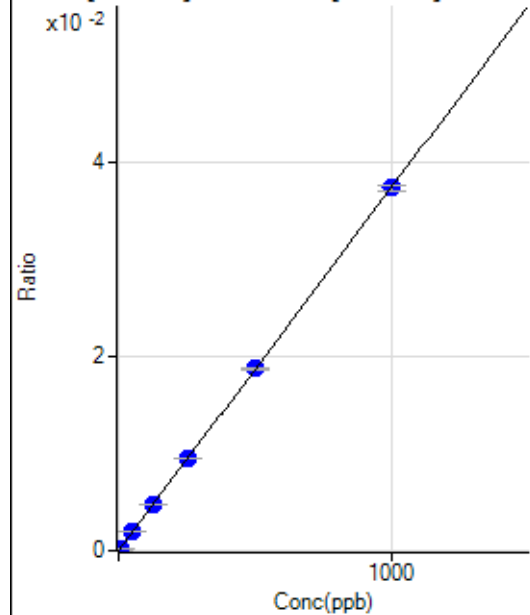
$$DL = 0.878$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11677.17		P	1.2
2	☐			11642.71		P	1.3
3	☐			11363.59		P	1.6
4	☐			11529.32		P	2.7
5	☐			11614.91		P	1.2
6	☐			11394.72		P	0.8
7	☐			11620.46		P	2.3
8	☐			10825.37		P	1.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-16.67	0.0000	P	-329.
2	☐	5.000	4.847	2517.00	0.0002	P	6.4
3	☐	50.000	51.023	26596.11	0.0019	P	1.2
4	☐	125.000	126.628	66605.87	0.0047	P	1.0
5	☐	250.000	252.962	133085.83	0.0095	P	0.5
6	☐	500.000	500.641	262474.68	0.0188	P	1.1
7	☐	1000.000	998.685	516634.98	0.0374	P	1.7
8	☐			215.57	0.0000	P	13.2

$$y = 3.7496E-005 * x - 1.2705E-006$$

$$R = 1.0000$$

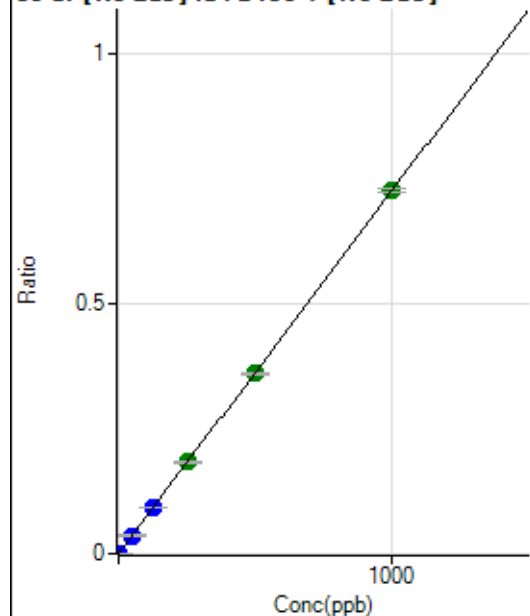
$$DL = 0.3352$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			522.24		P	6.3
2	☐			446.68		P	2.6
3	☐			441.12		P	11.5
4	☐			453.35		P	8.9
5	☐			516.69		P	9.0
6	☐			500.02		P	6.9
7	☐			512.24		P	8.5
8	☐			548.91		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	815.59	0.0001	P	8.6
2	☐	1.000	0.952	10495.14	0.0008	P	2.3
3	☐	50.000	50.143	507189.48	0.0365	P	0.9
4	☐	125.000	125.018	1274266.10	0.0908	P	0.1
5	☐	250.000	252.268	2570729.29	0.1832	A	1.0
6	☐	500.000	496.260	5038081.14	0.3603	A	0.9
7	☐	1000.000	1001.293	10029527.84	0.7269	A	1.1
8	☐			30122.50	0.0024	P	1.5

$$y = 7.2589E-004 * x + 6.1133E-005$$

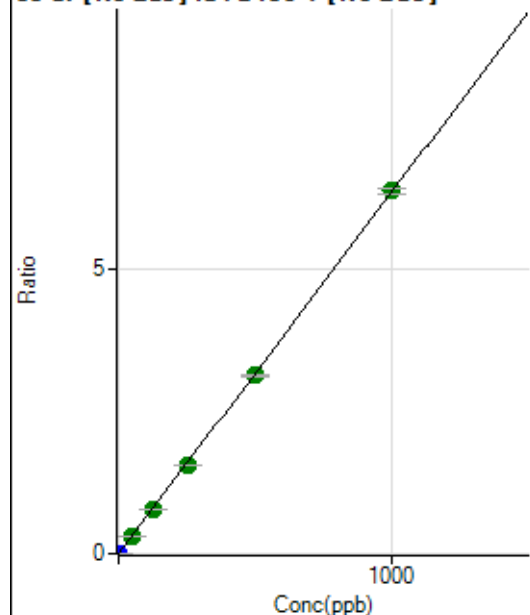
$$R = 1.0000$$

$$DL = 0.02162$$

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	735.58	0.0001	P	4.0
2	☐	1.000	0.929	83188.97	0.0060	P	1.1
3	☐	50.000	49.430	4375287.16	0.3145	A	0.9
4	☐	125.000	122.751	10958065.11	0.7809	A	0.6
5	☐	250.000	246.224	21981406.90	1.5664	A	0.7
6	☐	500.000	493.439	43892526.57	3.1390	A	1.5
7	☐	1000.000	1004.534	88170138.69	6.3903	A	1.4
8	☐			256994.19	0.0206	P	0.6

$$y = 0.0064 * x + 5.5152E-005$$

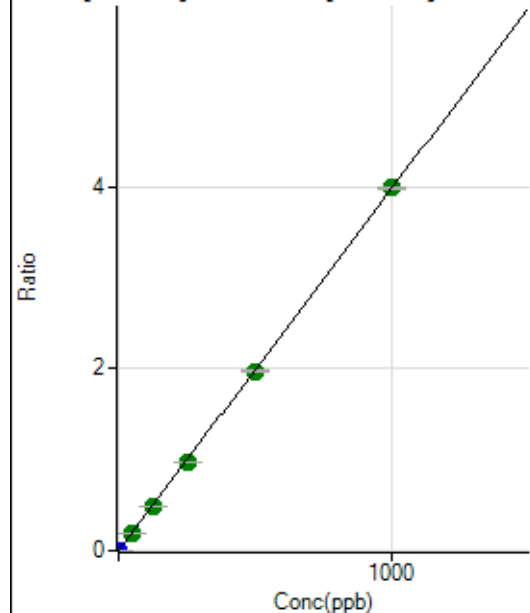
$$R = 1.0000$$

$$DL = 0.001028$$

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	748.92	0.0001	P	5.5
2	☐	1.000	0.960	54038.61	0.0039	P	1.0
3	☐	50.000	50.133	2775894.78	0.1995	A	0.7
4	☐	125.000	122.461	6838254.41	0.4873	A	0.4
5	☐	250.000	245.015	13681434.94	0.9750	A	1.4
6	☐	500.000	496.794	27641474.87	1.9768	A	1.3
7	☐	1000.000	1003.160	55078280.29	3.9916	A	0.8
8	☐			22773.15	0.0018	P	0.7

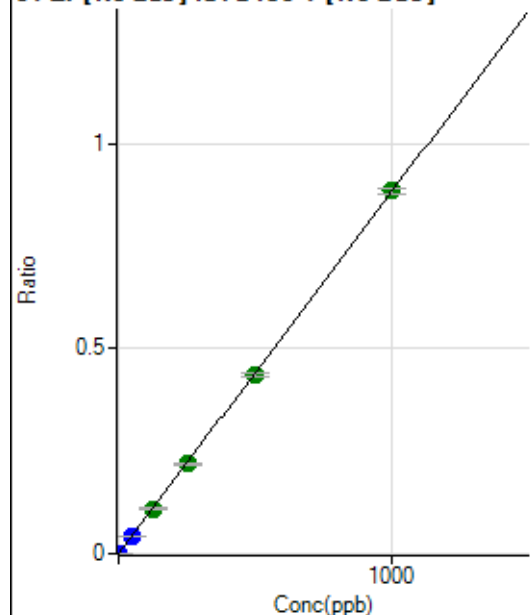
$$y = 0.0040 * x + 5.6167E-005$$

$$R = 1.0000$$

$$DL = 0.002321$$

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	135.56	0.0000	P	8.7
2	☐	1.000	0.957	11920.74	0.0009	P	3.1
3	☐	50.000	49.398	606614.07	0.0436	P	1.3
4	☐	125.000	124.772	1545395.51	0.1101	A	1.2
5	☐	250.000	247.955	3071239.15	0.2188	A	1.0
6	☐	500.000	494.708	6105273.52	0.4366	A	1.7
7	☐	1000.000	1003.216	12216713.99	0.8854	A	1.5
8	☐			5018.73	0.0004	P	2.7

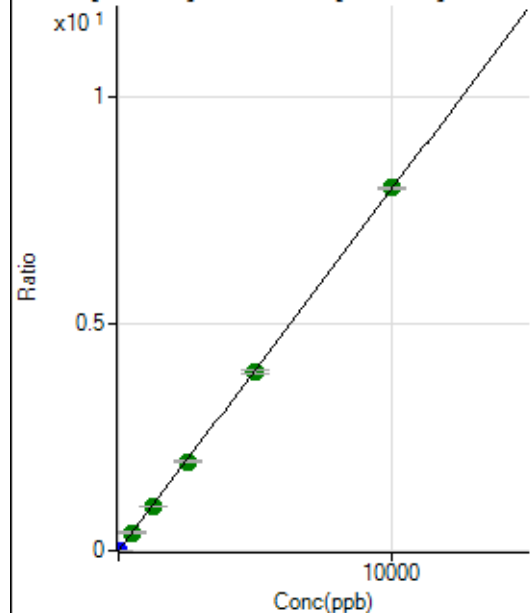
$$y = 8.8258\text{E-}004 * x + 1.0162\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.003001$$

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	446.68	0.0000	P	8.3
2	☐	5.000	5.531	61813.10	0.0044	P	0.5
3	☐	500.000	502.620	5559968.11	0.3997	A	1.9
4	☐	1250.000	1231.038	13735675.07	0.9789	A	0.6
5	☐	2500.000	2466.155	27518139.31	1.9609	A	0.6
6	☐	5000.000	4946.754	55000600.85	3.9333	A	1.3
7	☐	10000.000	10037.324	110131633.91	7.9810	A	0.6
8	☐			19528.24	0.0016	P	1.1

$$y = 7.9513\text{E-}004 * x + 3.3482\text{E-}005$$

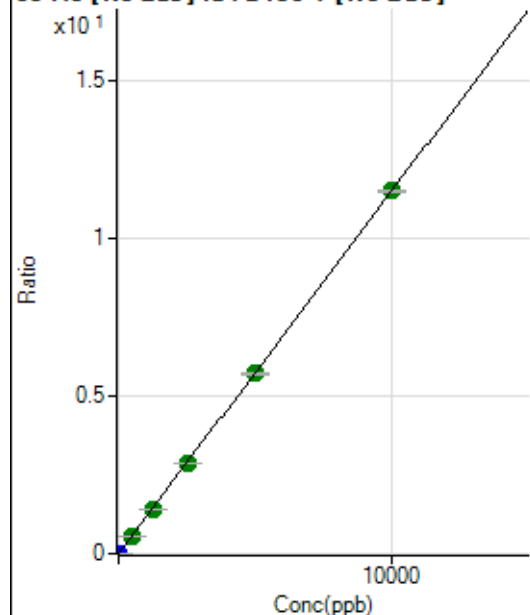
$$R = 1.0000$$

$$DL = 0.01051$$

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	345.56	0.0000	P	17.1
2	☐	5.000	4.593	73931.66	0.0053	P	1.8
3	☐	500.000	500.041	7988860.71	0.5743	A	1.6
4	☐	1250.000	1244.778	20058775.40	1.4295	A	0.3
5	☐	2500.000	2488.427	40100363.57	2.8576	A	1.1
6	☐	5000.000	4980.723	79980981.03	5.7197	A	0.9
7	☐	10000.000	10013.183	158667502.08	11.4988	A	0.4
8	☐			18673.73	0.0015	P	2.0

$$y = 0.0011 * x + 2.5894E-005$$

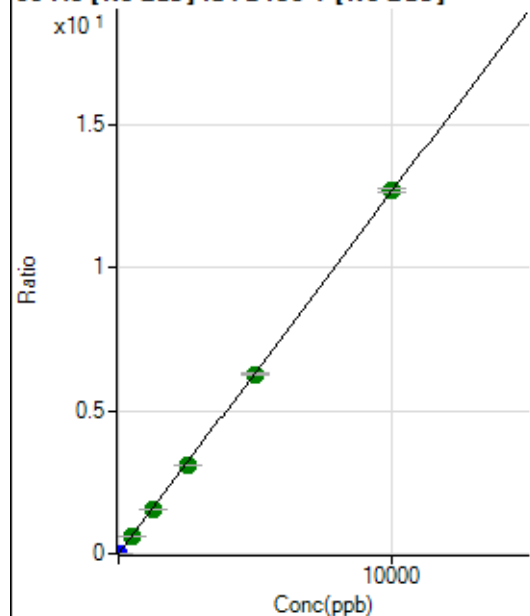
$$R = 1.0000$$

$$DL = 0.01157$$

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	350.01	0.0000	P	27.4
2	☐	5.000	4.673	82843.70	0.0059	P	0.4
3	☐	500.000	496.765	8744572.51	0.6286	A	1.2
4	☐	1250.000	1233.634	21904537.45	1.5610	A	0.5
5	☐	2500.000	2459.892	43680517.13	3.1127	A	0.9
6	☐	5000.000	4962.777	87809466.47	6.2797	A	1.3
7	☐	10000.000	10030.846	175131726.28	12.6926	A	1.0
8	☐			26235.94	0.0021	P	2.5

$$y = 0.0013 * x + 2.6217E-005$$

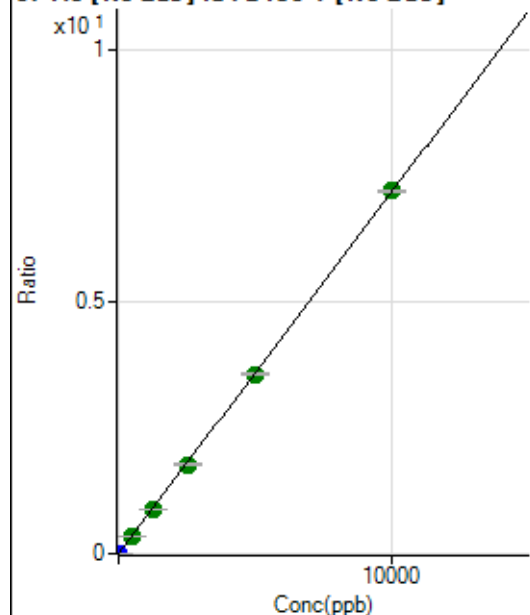
$$R = 1.0000$$

$$DL = 0.01702$$

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	227.78	0.0000	P	10.6
2	☐	5.000	4.594	46262.39	0.0033	P	1.6
3	☐	500.000	497.025	4966011.42	0.3570	A	1.2
4	☐	1250.000	1230.815	12404648.70	0.8840	A	0.7
5	☐	2500.000	2465.750	24850686.02	1.7710	A	1.3
6	☐	5000.000	4950.304	49717034.26	3.5554	A	1.1
7	☐	10000.000	10035.958	99458268.52	7.2080	A	0.8
8	☐			11261.33	0.0009	P	5.0

$$y = 7.1821\text{E-}004 * x + 1.7072\text{E-}005$$

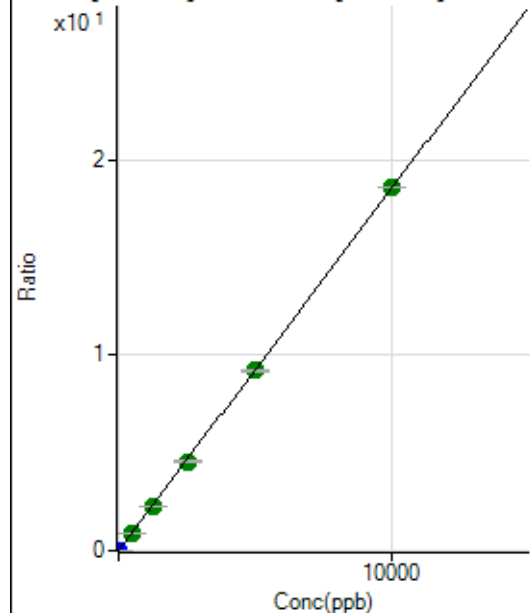
$$R = 1.0000$$

$$DL = 0.007539$$

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	452.23	0.0000	P	9.9
2	☐	5.000	4.559	118307.92	0.0085	P	0.2
3	☐	500.000	497.945	12836292.03	0.9227	A	0.2
4	☐	1250.000	1235.725	32130317.58	2.2898	A	1.4
5	☐	2500.000	2462.459	64025908.49	4.5628	A	1.7
6	☐	5000.000	4984.563	129152332.52	9.2361	A	1.1
7	☐	10000.000	10018.991	256173853.96	18.5646	A	0.2
8	☐			28389.11	0.0023	P	4.9

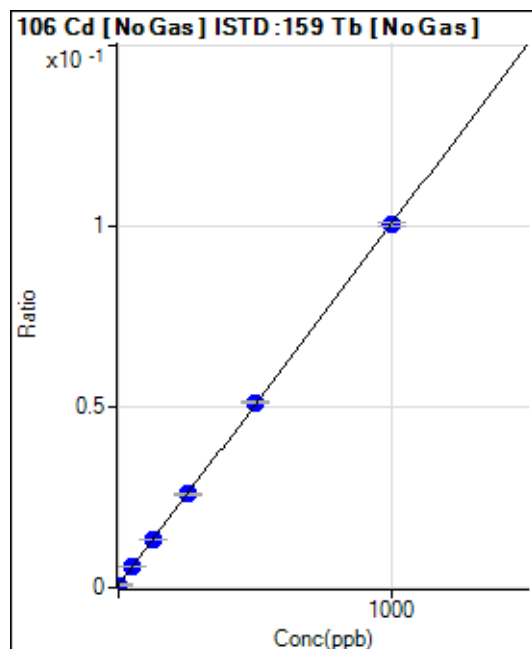
$$y = 0.0019 * x + 3.3895\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005413$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6426.00	0.0007	P	1.7
2	☐	1.000	0.744	7271.99	0.0008	P	2.5
3	☐	50.000	51.116	54383.22	0.0058	P	0.3
4	☐	125.000	125.264	124959.45	0.0132	P	1.3
5	☐	250.000	251.951	242805.49	0.0259	P	2.0
6	☐	500.000	504.741	477406.14	0.0511	P	0.9
7	☐	1000.000	997.053	930070.83	0.1002	P	1.2
8	☐			5644.54	0.0007	P	1.3

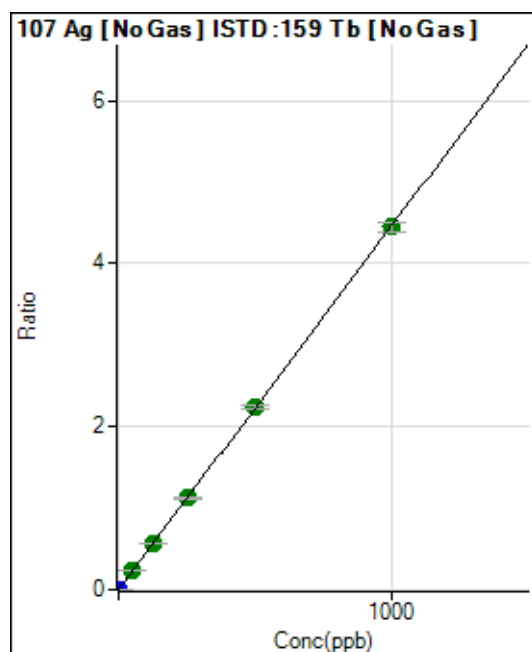
$$y = 9.9797E-005 * x + 7.1445E-004$$

$$R = 1.0000$$

$$DL = 0.3661$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	224.45	0.0000	P	25.8
2	☐	1.000	1.002	41462.17	0.0045	P	1.3
3	☐	50.000	52.140	2175437.71	0.2326	A	0.5
4	☐	125.000	126.764	5347887.70	0.5656	A	0.7
5	☐	250.000	253.614	10624533.87	1.1315	A	2.2
6	☐	500.000	502.384	20946147.05	2.2413	A	1.4
7	☐	1000.000	997.577	41302176.88	4.4506	A	2.7
8	☐			3853.95	0.0004	P	24.9

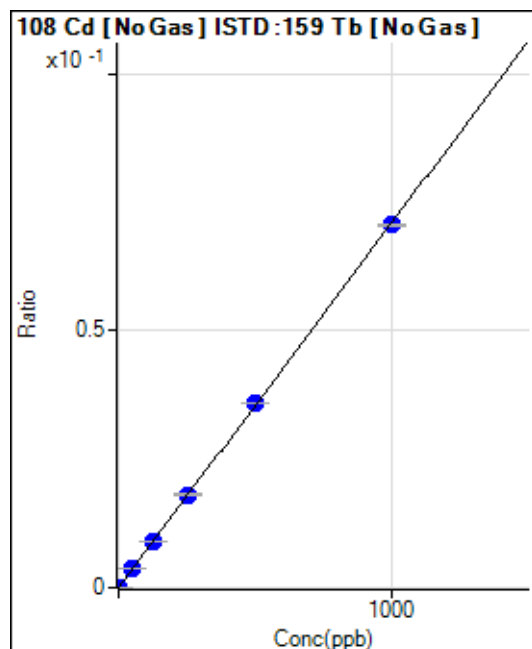
$$y = 0.0045 * x + 2.4916E-005$$

$$R = 1.0000$$

$$DL = 0.004321$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26.66	0.0000	P	42.8
2	☐	1.000	0.832	571.13	0.0001	P	5.9
3	☐	50.000	51.596	34227.93	0.0037	P	1.1
4	☐	125.000	127.017	85163.00	0.0090	P	1.9
5	☐	250.000	254.344	169335.03	0.0180	P	1.6
6	☐	500.000	506.394	335491.25	0.0359	P	0.7
7	☐	1000.000	995.385	654862.94	0.0706	P	0.9
8	☐			198.89	0.0000	P	14.1

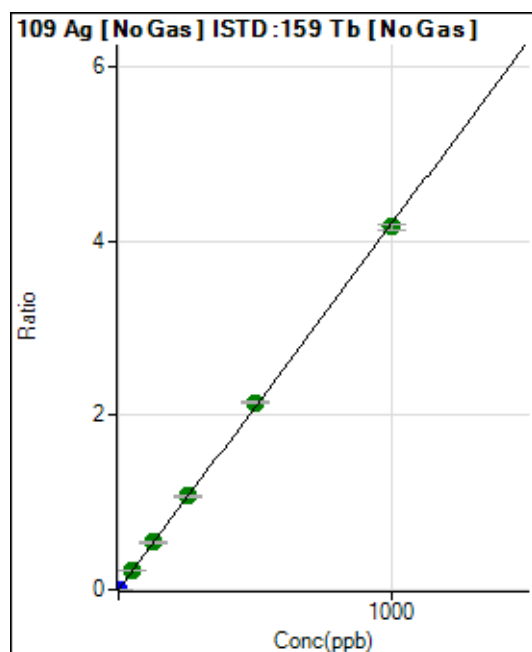
$$y = 7.0887\text{E-}005 * x + 2.9572\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.05355$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	176.67	0.0000	P	23.1
2	☐	1.000	1.012	39285.86	0.0043	P	1.1
3	☐	50.000	52.721	2066660.25	0.2210	A	1.6
4	☐	125.000	129.937	5150264.05	0.5447	A	2.5
5	☐	250.000	256.310	10089068.53	1.0745	A	1.7
6	☐	500.000	511.520	20038347.20	2.1443	A	1.5
7	☐	1000.000	991.909	38592185.54	4.1580	A	1.8
8	☐			3549.40	0.0004	P	17.7

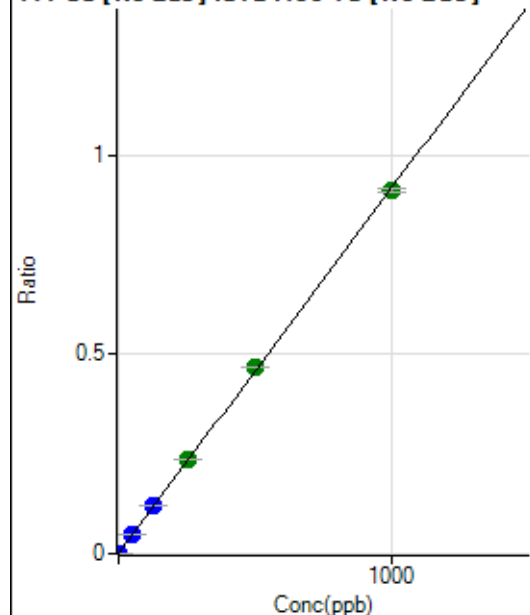
$$y = 0.0042 * x + 1.9611\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.003237$$

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	4546.20	0.0005	P	2.0
2	☐	1.000	0.863	11948.14	0.0013	P	2.7
3	☐	50.000	52.013	450154.60	0.0481	P	1.2
4	☐	125.000	129.669	1127706.39	0.1193	P	1.2
5	☐	250.000	256.095	2207308.77	0.2350	A	1.0
6	☐	500.000	510.546	4374380.43	0.4681	A	0.6
7	☐	1000.000	992.519	8441318.74	0.9095	A	1.2
8	☐			4898.67	0.0006	P	2.8

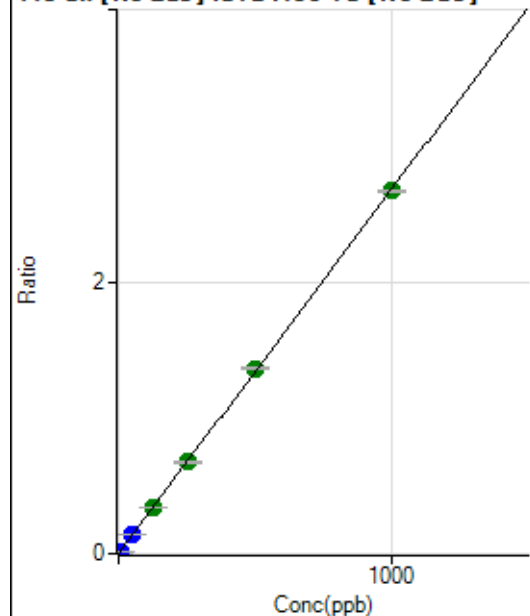
$$y = 9.1585\text{E-}004 * x + 5.0546\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.03348$$

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	18587.23	0.0021	P	3.4
2	☐	5.000	4.898	139932.13	0.0152	P	0.8
3	☐	50.000	50.944	1294518.34	0.1384	P	1.4
4	☐	125.000	126.637	3225053.98	0.3411	A	1.6
5	☐	250.000	250.188	6307894.35	0.6718	A	2.9
6	☐	500.000	507.442	12713741.06	1.3605	A	1.4
7	☐	1000.000	995.981	24764485.19	2.6683	A	0.5
8	☐			8313.72	0.0010	P	3.5

$$y = 0.0027 * x + 0.0021$$

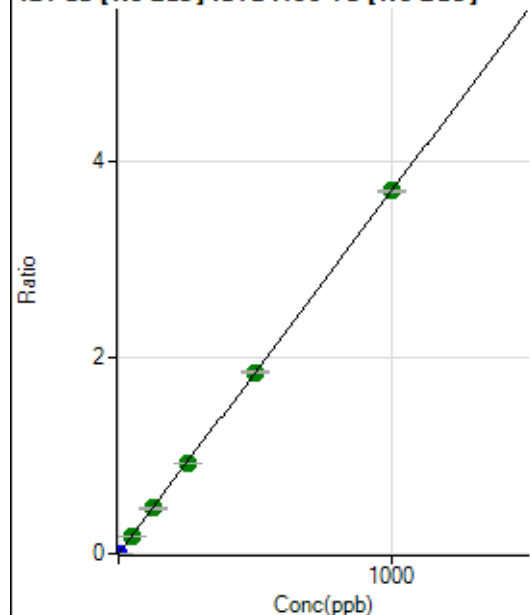
$$R = 1.0000$$

$$DL = 0.07906$$

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	144.45	0.0000	P	38.5
2	☐	2.000	1.947	66521.76	0.0072	P	1.7
3	☐	50.000	50.001	1729167.87	0.1849	A	1.0
4	☐	125.000	124.677	4359684.13	0.4611	A	1.9
5	☐	250.000	247.553	8597162.16	0.9155	A	0.7
6	☐	500.000	500.473	17295881.27	1.8508	A	0.9
7	☐	1000.000	1000.416	34335610.60	3.6996	A	0.3
8	☐			14564.51	0.0017	P	4.3

$$y = 0.0037 * x + 1.6023E-005$$

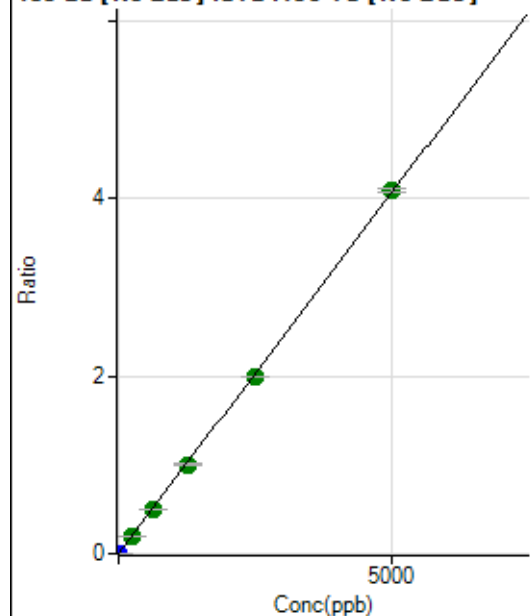
$$R = 1.0000$$

$$DL = 0.004999$$

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	224.45	0.0000	P	13.6
2	☐	10.000	9.036	67980.50	0.0074	P	2.0
3	☐	250.000	249.043	1894094.90	0.2026	A	1.6
4	☐	625.000	617.881	4751885.38	0.5025	A	1.0
5	☐	1250.000	1233.104	9417171.94	1.0029	A	2.0
6	☐	2500.000	2451.987	18636819.44	1.9942	A	0.9
7	☐	5000.000	5029.170	37959139.99	4.0902	A	1.1
8	☐			13509.05	0.0016	P	3.0

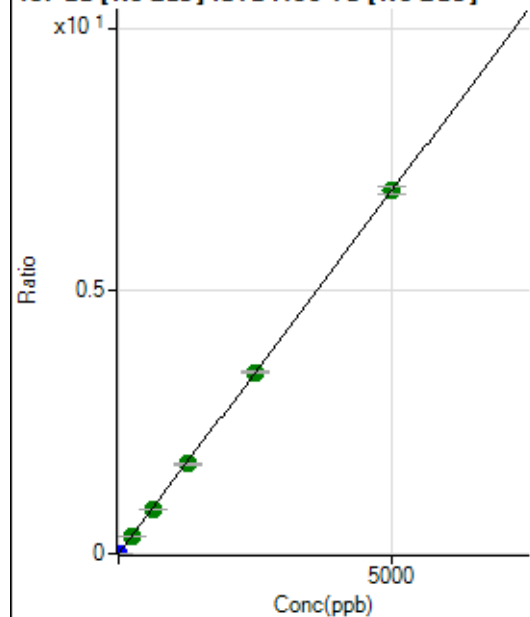
$$y = 8.1329E-004 * x + 2.4937E-005$$

$$R = 0.9999$$

$$DL = 0.01255$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	343.34	0.0000	P	29.9
2	☐	10.000	9.273	118296.92	0.0128	P	1.2
3	☐	250.000	248.812	3209884.78	0.3433	A	1.6
4	☐	625.000	613.654	8005099.05	0.8466	A	1.6
5	☐	1250.000	1241.002	16075398.79	1.7121	A	2.4
6	☐	2500.000	2502.882	32269285.07	3.4529	A	0.4
7	☐	5000.000	5002.288	64042287.38	6.9010	A	2.1
8	☐			23503.78	0.0027	P	1.1

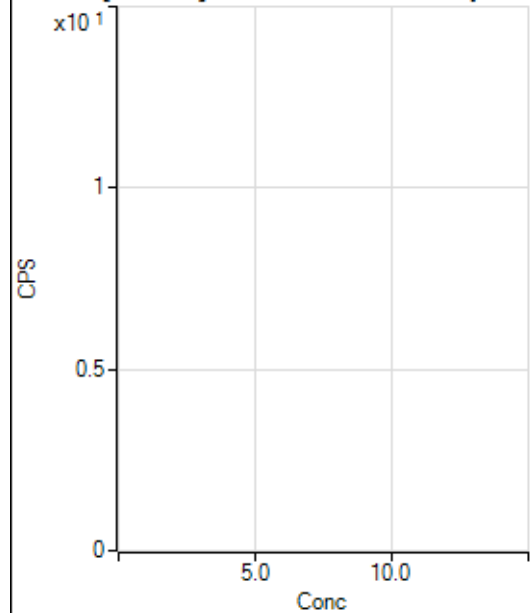
$$y = 0.0014 * x + 3.8179E-005$$

$$R = 1.0000$$

$$DL = 0.02483$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22.22		P	45.8
2	☐			18.89		P	44.4
3	☐			100.00		P	17.6
4	☐			244.45		P	11.1
5	☐			453.35		P	9.9
6	☐			911.15		P	7.5
7	☐			1807.93		P	8.3
8	☐			518.91		P	4.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			4.45		P	86.6
3	☐			8.89		P	21.6
4	☐			17.78		P	75.8
5	☐			45.55		P	23.5
6	☐			68.89		P	19.5
7	☐			157.78		P	9.5
8	☐			144.45		P	19.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.67		P	21.7
2	☐			27.78		P	34.6
3	☐			47.78		P	33.0
4	☐			115.56		P	8.8
5	☐			224.45		P	11.3
6	☐			382.23		P	20.6
7	☐			701.14		P	2.1
8	☐			946.71		P	4.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	86.6
2	☐			11.11		P	124.9
3	☐			8.89		P	21.6
4	☐			23.33		P	74.2
5	☐			43.34		P	35.2
6	☐			75.55		P	27.0
7	☐			130.00		P	13.6
8	☐			337.79		P	7.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			138.89		P	29.3
2	☐			150.00		P	5.9
3	☐			172.23		P	4.9
4	☐			164.45		P	11.7
5	☐			218.89		P	7.7
6	☐			283.34		P	13.6
7	☐			427.79		P	5.7
8	☐			875.59		P	3.8

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			31.11		P	27.0
2	☐			41.11		P	20.4
3	☐			37.78		P	22.2
4	☐			68.89		P	27.5
5	☐			67.78		P	36.9
6	☐			110.00		P	3.0
7	☐			175.56		P	4.0
8	☐			418.90		P	4.6

164 Er [No Gas] No available calibration points

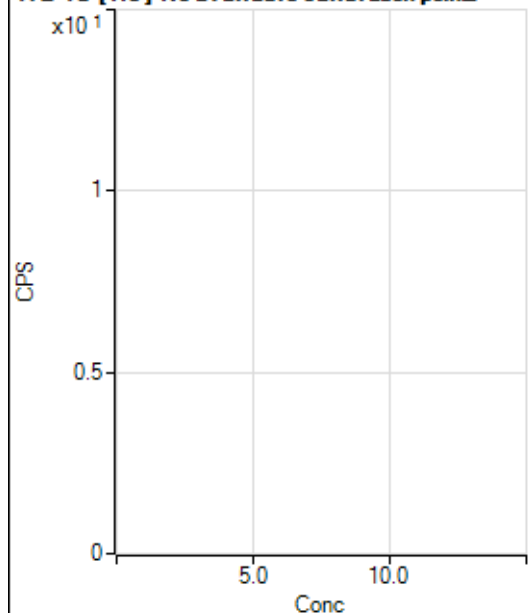
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	15.0
2	☐			64.44		P	19.6
3	☐			78.89		P	27.2
4	☐			120.00		P	7.3
5	☐			180.00		P	6.7
6	☐			265.56		P	12.6
7	☐			483.35		P	6.7
8	☐			1146.73		P	4.0

164 Er [He] No available calibration points

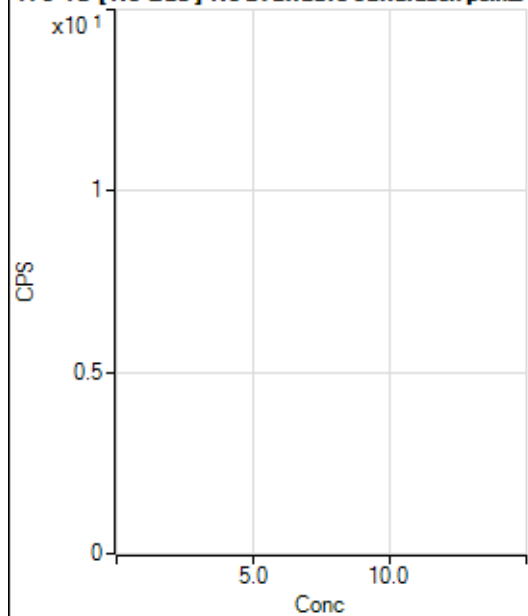
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26.66		P	57.3
2	☐			32.22		P	15.8
3	☐			37.78		P	28.4
4	☐			55.56		P	21.1
5	☐			75.56		P	6.7
6	☐			102.23		P	18.8
7	☐			212.23		P	11.9
8	☐			426.68		P	1.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			72.22		P	9.6
2	☐			77.78		P	51.7
3	☐			93.33		P	3.6
4	☐			120.00		P	23.7
5	☐			216.67		P	4.1
6	☐			364.46		P	11.9
7	☐			564.46		P	4.5
8	☐			1886.83		P	4.5

172 Yb [He] No available calibration points

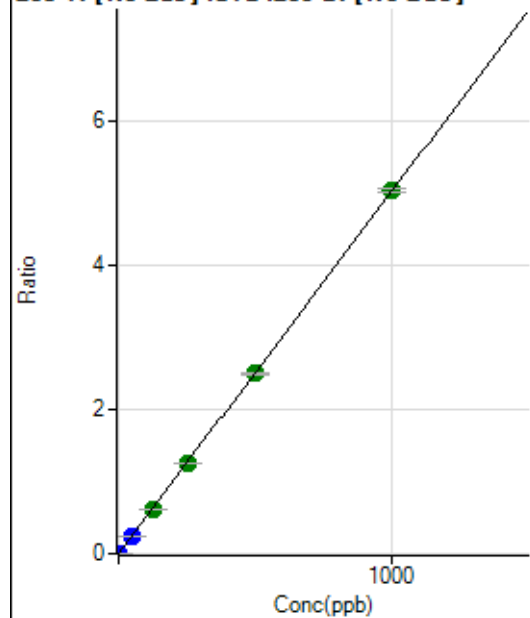
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			17.78		P	39.0
2	☐			28.89		P	17.6
3	☐			42.22		P	25.4
4	☐			47.78		P	4.0
5	☐			78.89		P	31.1
6	☐			128.89		P	15.8
7	☐			264.45		P	13.9
8	☐			886.70		P	4.3

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1781.25		P	0.9
2	☐			1837.93		P	1.6
3	☐			8258.21		P	2.3
4	☐			18126.98		P	1.1
5	☐			34173.02		P	1.3
6	☐			67898.88		P	0.2
7	☐			133930.90		P	0.5
8	☐			2782.54		P	3.7

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			445.57		P	7.1
2	☐			456.68		P	10.5
3	☐			3091.51		P	1.5
4	☐			7053.06		P	5.8
5	☐			13861.82		P	2.1
6	☐			27896.13		P	1.4
7	☐			54598.99		P	0.7
8	☐			950.05		P	8.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	370.01	0.0001	P	13.8
2	☐	1.000	0.923	25574.12	0.0047	P	1.0
3	☐	50.000	49.387	1362626.28	0.2478	P	1.7
4	☐	125.000	123.730	3408595.16	0.6208	A	1.2
5	☐	250.000	248.832	6699810.46	1.2484	A	0.7
6	☐	500.000	496.853	13389750.36	2.4927	A	1.3
7	☐	1000.000	1002.055	26278402.11	5.0273	A	0.9
8	☐			3048.18	0.0007	P	13.6

$$y = 0.0050 * x + 6.9673E-005$$

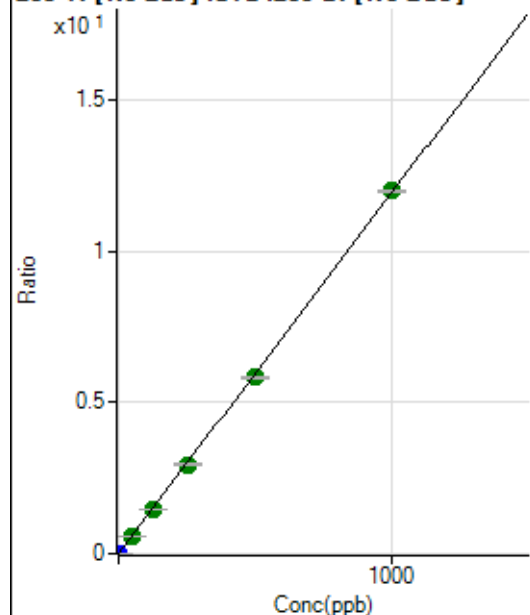
$$R = 1.0000$$

$$DL = 0.00575$$

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	1031.16	0.0002	P	10.9
2	☐	1.000	0.929	61174.43	0.0112	P	2.4
3	☐	50.000	49.541	3243052.83	0.5900	A	3.7
4	☐	125.000	121.539	7945905.50	1.4472	A	1.8
5	☐	250.000	246.806	15769724.76	2.9385	A	2.1
6	☐	500.000	489.237	31286328.42	5.8248	A	0.9
7	☐	1000.000	1006.636	62645367.95	11.9846	A	0.4
8	☐			7194.31	0.0016	P	12.4

$$y = 0.0119 * x + 1.9396E-004$$

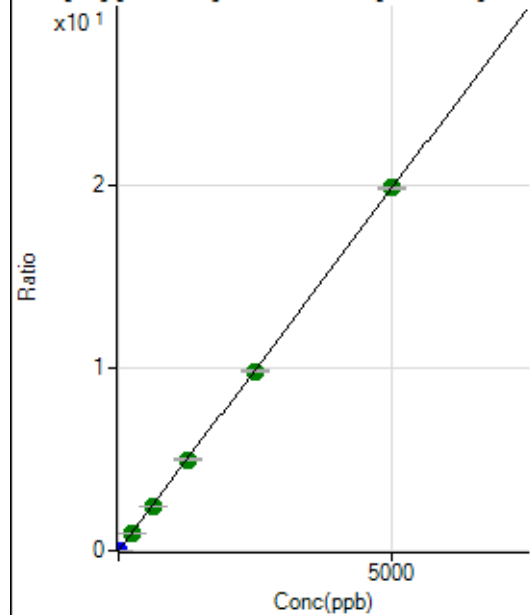
$$R = 0.9999$$

$$DL = 0.005339$$

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	2837.01	0.0005	P	1.2
2	☐	1.000	0.786	19870.85	0.0037	P	2.9
3	☐	250.000	248.311	5419383.32	0.9858	A	2.7
4	☐	625.000	617.650	13458494.52	2.4512	A	0.8
5	☐	1250.000	1254.368	26711999.60	4.9775	A	1.6
6	☐	2500.000	2480.595	52870524.21	9.8429	A	1.0
7	☐	5000.000	5009.614	103901155.12	19.8774	A	0.4
8	☐			53820.00	0.0117	P	1.2

$$y = 0.0040 * x + 5.3394E-004$$

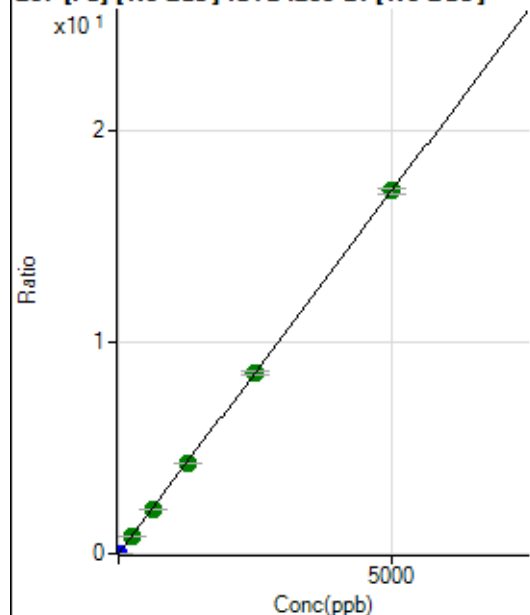
$$R = 1.0000$$

$$DL = 0.004919$$

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	2399.14	0.0005	P	1.0
2	☐	1.000	0.812	17590.92	0.0032	P	0.9
3	☐	250.000	247.950	4673168.40	0.8501	A	2.9
4	☐	625.000	612.582	11527995.11	2.0996	A	0.3
5	☐	1250.000	1252.992	23044085.21	4.2940	A	0.8
6	☐	2500.000	2492.443	45880661.54	8.5412	A	1.8
7	☐	5000.000	5004.685	89640548.66	17.1497	A	1.2
8	☐			46917.98	0.0102	P	0.5

$$y = 0.0034 * x + 4.5154E-004$$

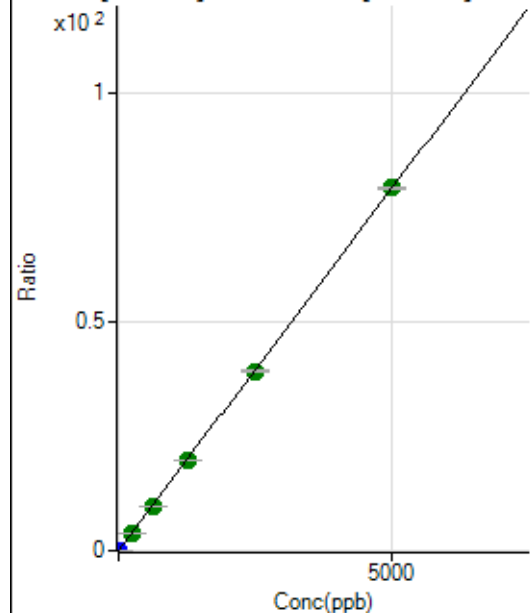
$$R = 1.0000$$

$$DL = 0.003873$$

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	10961.90	0.0021	P	2.1
2	☐	1.000	0.798	79798.56	0.0147	P	2.2
3	☐	250.000	244.668	21255714.48	3.8662	A	2.2
4	☐	625.000	613.886	53244396.15	9.6973	A	0.7
5	☐	1250.000	1241.369	105221952.87	19.6073	A	0.9
6	☐	2500.000	2479.185	210328728.53	39.1564	A	1.0
7	☐	5000.000	5014.221	413945809.39	79.1927	A	0.7
8	☐			213778.31	0.0463	P	0.8

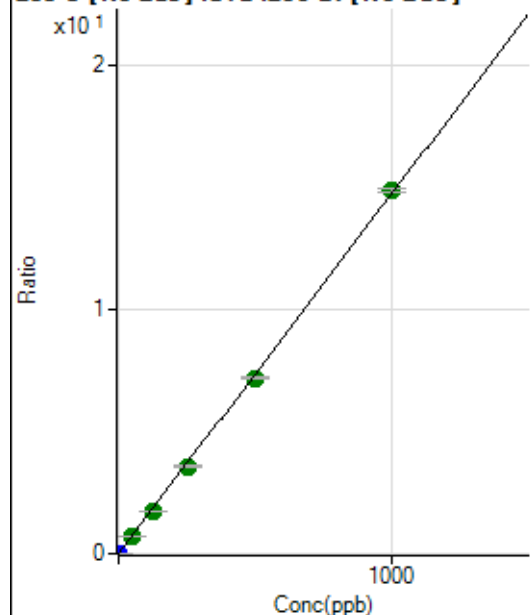
$$y = 0.0158 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.008286$$

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	771.14	0.0001	P	8.8
2	☐	1.000	0.904	73305.64	0.0135	P	2.0
3	☐	50.000	47.949	3889056.71	0.7074	A	1.9
4	☐	125.000	118.179	9571255.69	1.7432	A	0.7
5	☐	250.000	243.151	19246337.49	3.5864	A	1.2
6	☐	500.000	487.893	38653790.54	7.1962	A	0.7
7	☐	1000.000	1008.721	77772461.62	14.8780	A	1.0
8	☐			3135.98	0.0007	P	10.0

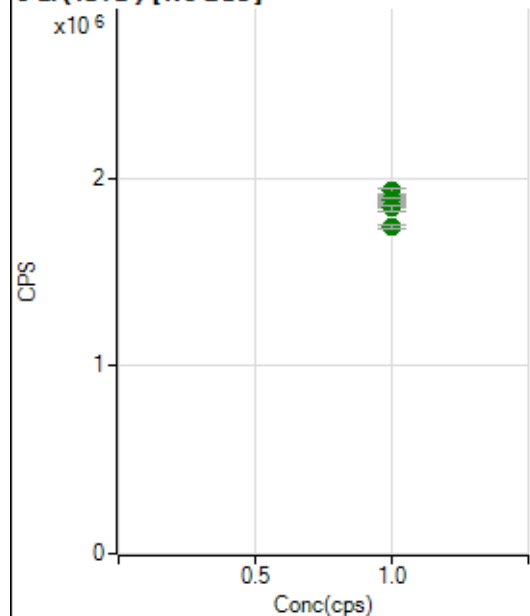
$$y = 0.0147 * x + 1.4527E-004$$

$$R = 0.9999$$

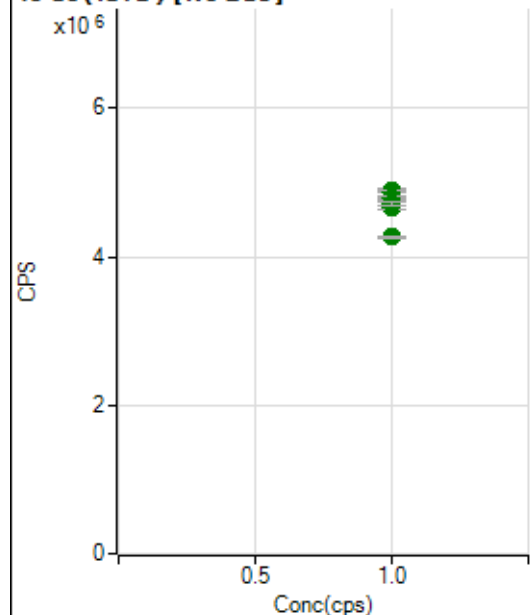
$$DL = 0.002594$$

Weight: <None>

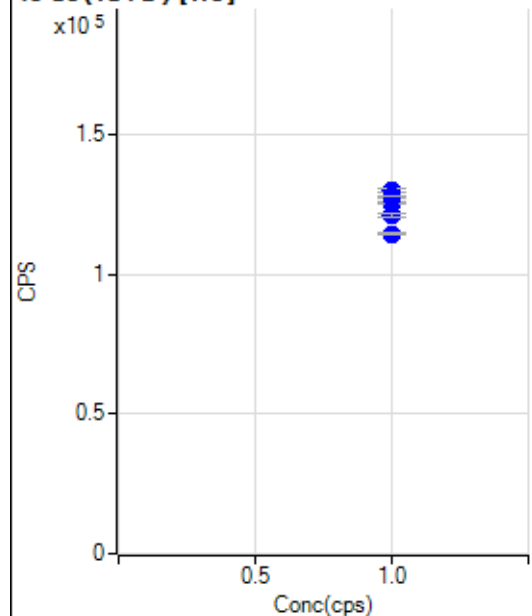
Min Conc: 0

6 Li (ISTD) [No Gas]

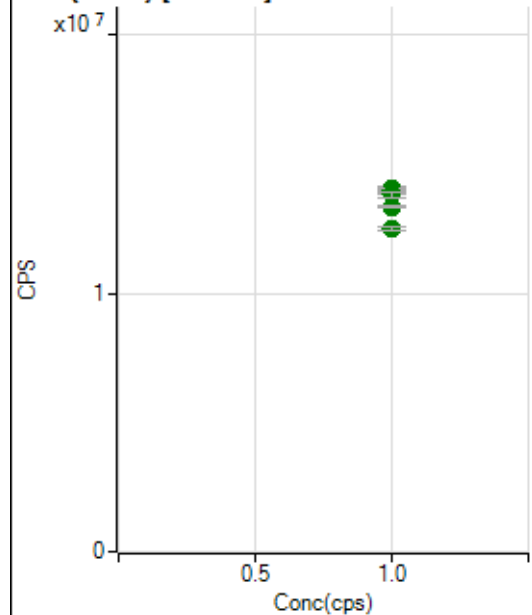
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1858271.35		A	1.1
2	☐	1.000		1888792.68		A	0.5
3	☐	1.000		1895577.87		A	0.6
4	☐	1.000		1932101.95		A	1.5
5	☐	1.000		1885262.68		A	1.4
6	☐	1.000		1881871.79		A	1.2
7	☐	1.000		1841031.78		A	1.7
8	☐	1.000		1740884.54		A	1.2

45 Sc (ISTD) [No Gas]

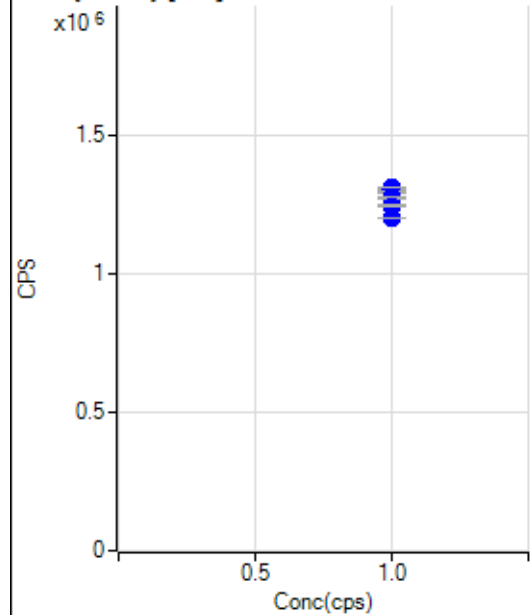
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4670541.25		A	1.0
2	☐	1.000		4788044.51		A	0.6
3	☐	1.000		4819870.55		A	0.5
4	☐	1.000		4887316.73		A	1.2
5	☐	1.000		4864145.38		A	1.5
6	☐	1.000		4783965.10		A	2.0
7	☐	1.000		4721529.34		A	0.9
8	☐	1.000		4266000.00		A	1.0

45 Sc (ISTD) [He]

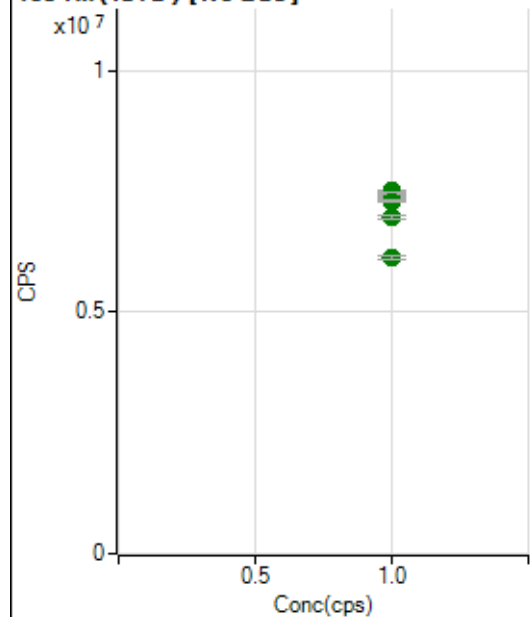
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		121079.18		P	1.1
2	☐	1.000		125455.05		P	0.8
3	☐	1.000		127397.76		P	0.5
4	☐	1.000		127893.95		P	0.2
5	☐	1.000		129824.18		P	0.9
6	☐	1.000		127277.71		P	0.3
7	☐	1.000		128006.23		P	0.2
8	☐	1.000		114552.20		P	1.1

89 Y (ISTD) [No Gas]

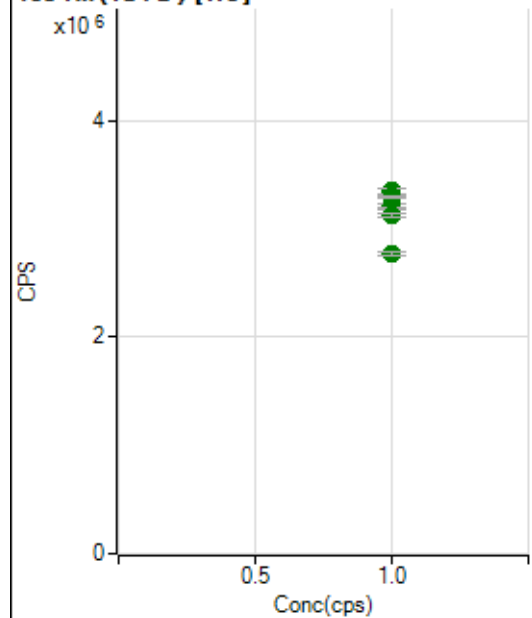
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		13334993.97		A	0.8
2	☐	1.000		13948489.65		A	0.4
3	☐	1.000		13911746.87		A	0.9
4	☐	1.000		14032199.37		A	0.2
5	☐	1.000		14033525.90		A	1.0
6	☐	1.000		13984267.29		A	1.0
7	☐	1.000		13798986.18		A	1.2
8	☐	1.000		12490181.90		A	0.8

89 Y (ISTD) [He]

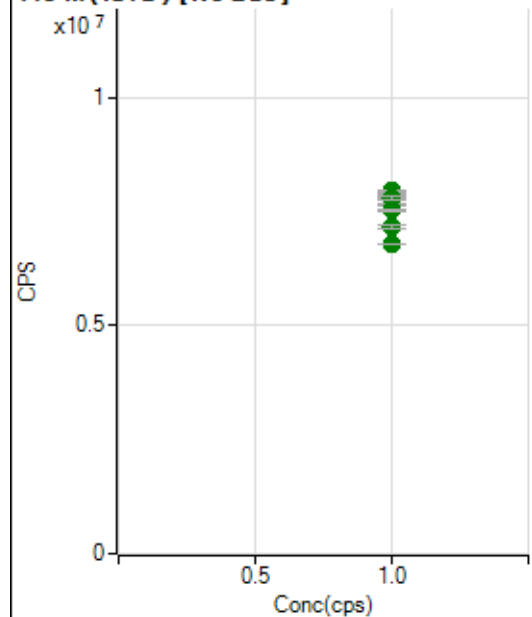
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1247094.86		P	0.5
2	☐	1.000		1294719.94		P	0.8
3	☐	1.000		1291775.86		P	0.8
4	☐	1.000		1307300.06		P	0.2
5	☐	1.000		1303741.40		P	0.8
6	☐	1.000		1272222.96		P	0.4
7	☐	1.000		1242777.62		P	0.7
8	☐	1.000		1197910.51		P	0.4

103 Rh (ISTD) [No Gas]

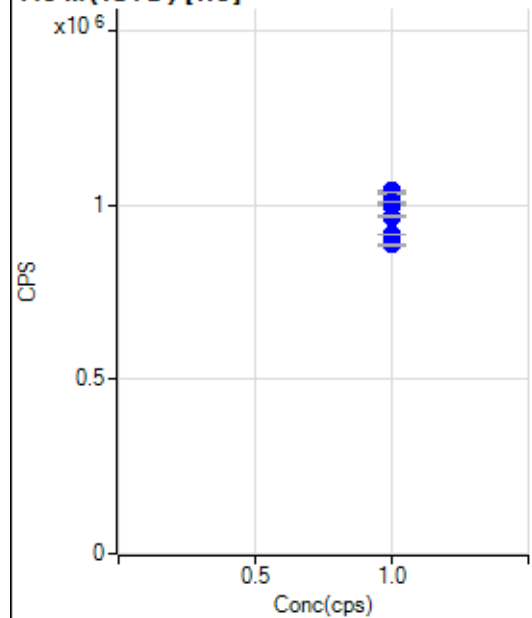
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7354666.56		A	0.9
2	☐	1.000		7404938.29		A	1.2
3	☐	1.000		7472415.51		A	1.4
4	☐	1.000		7511576.21		A	0.6
5	☐	1.000		7468522.53		A	0.4
6	☐	1.000		7301984.89		A	0.4
7	☐	1.000		6983896.00		A	1.1
8	☐	1.000		6130775.40		A	1.4

103 Rh (ISTD) [He]

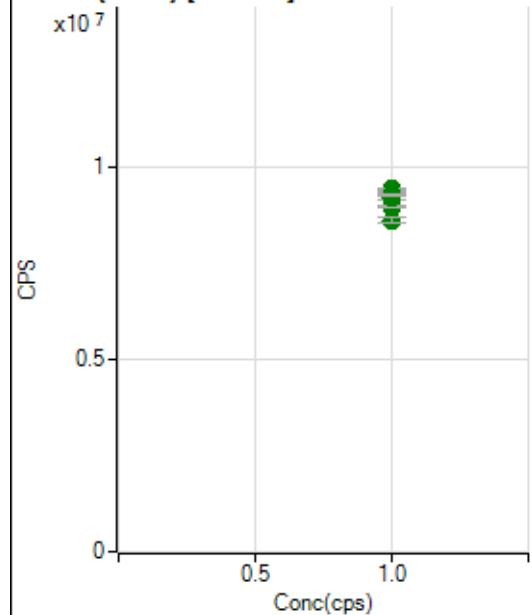
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3212995.75		A	1.0
2	☐	1.000		3347767.35		A	1.4
3	☐	1.000		3343479.12		A	1.2
4	☐	1.000		3304167.87		A	0.8
5	☐	1.000		3292184.29		A	0.5
6	☐	1.000		3189133.56		A	0.6
7	☐	1.000		3117354.64		A	1.1
8	☐	1.000		2765221.49		A	0.9

115 In (ISTD) [No Gas]

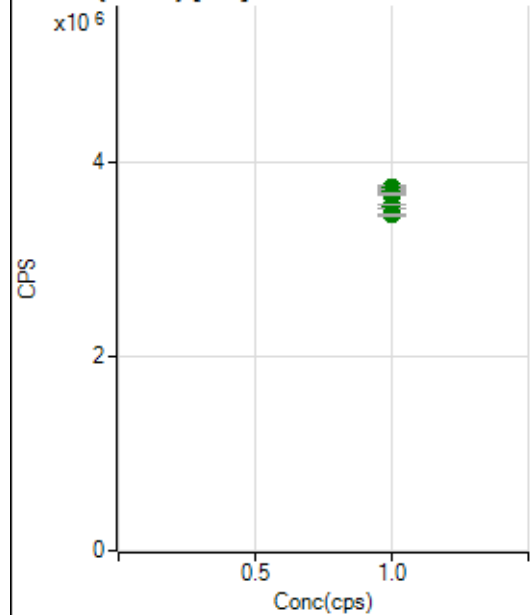
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7630618.48		A	0.5
2	☐	1.000		7883920.17		A	0.7
3	☐	1.000		7818318.27		A	0.6
4	☐	1.000		7945486.31		A	0.6
5	☐	1.000		7803830.01		A	1.1
6	☐	1.000		7531687.75		A	0.7
7	☐	1.000		7143196.41		A	1.2
8	☐	1.000		6777353.97		A	0.4

115 In (ISTD) [He]

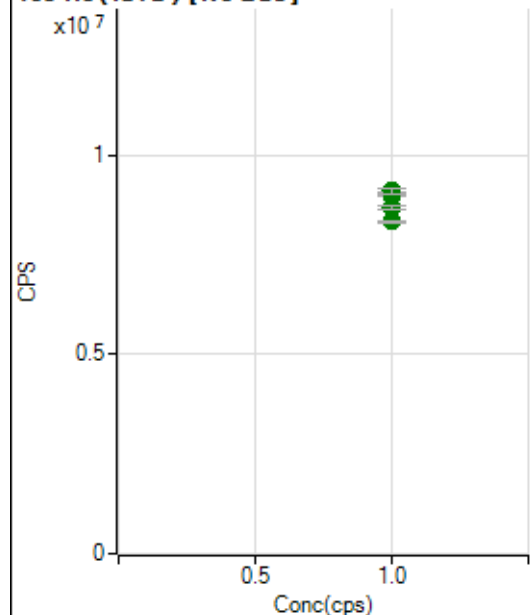
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1000649.95		P	0.5
2	☐	1.000		1040380.06		P	0.8
3	☐	1.000		1032131.47		P	0.5
4	☐	1.000		1034320.17		P	0.3
5	☐	1.000		1009425.89		P	0.3
6	☐	1.000		967120.91		P	0.5
7	☐	1.000		885163.69		P	0.4
8	☐	1.000		915550.38		P	0.5

159 Tb (ISTD) [No Gas]

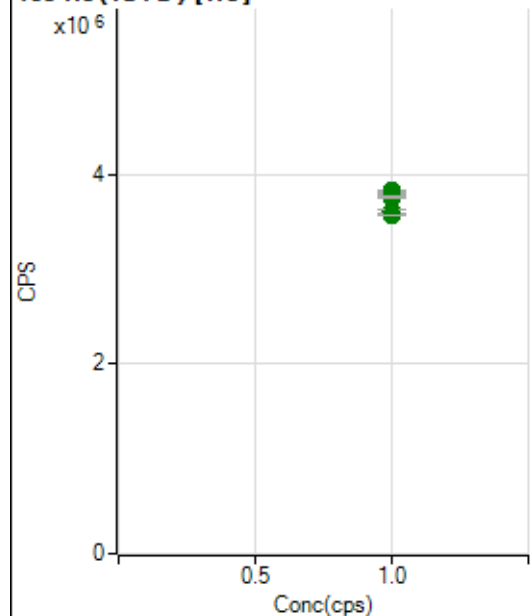
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8995099.73		A	1.0
2	☐	1.000		9220353.20		A	0.9
3	☐	1.000		9351312.08		A	1.0
4	☐	1.000		9456166.11		A	0.7
5	☐	1.000		9391348.54		A	1.3
6	☐	1.000		9345425.07		A	0.6
7	☐	1.000		9280831.04		A	0.6
8	☐	1.000		8640186.89		A	2.1

159 Tb (ISTD) [He]

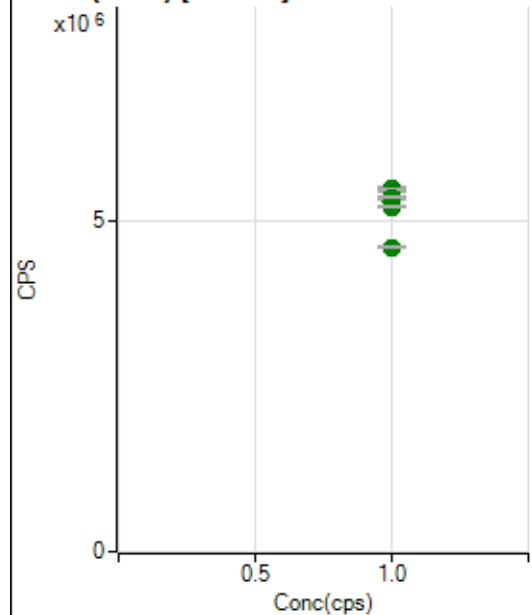
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3560209.46		A	1.1
2	☐	1.000		3744234.01		A	0.3
3	☐	1.000		3712384.25		A	0.6
4	☐	1.000		3727895.50		A	0.8
5	☐	1.000		3744392.20		A	1.6
6	☐	1.000		3714257.79		A	1.1
7	☐	1.000		3673265.43		A	0.5
8	☐	1.000		3468723.28		A	0.5

165 Ho (ISTD) [No Gas]

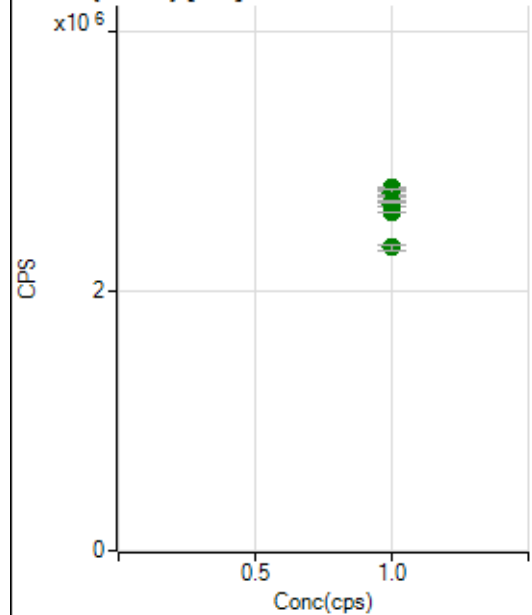
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8673873.55		A	0.8
2	☐	1.000		8967014.59		A	0.3
3	☐	1.000		8999706.18		A	1.1
4	☐	1.000		9080602.64		A	1.5
5	☐	1.000		9097915.84		A	1.6
6	☐	1.000		9069540.14		A	0.2
7	☐	1.000		9094058.96		A	1.7
8	☐	1.000		8321911.96		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3607486.68		A	0.7
2	☐	1.000		3752839.77		A	0.6
3	☐	1.000		3782677.62		A	0.4
4	☐	1.000		3825679.49		A	0.5
5	☐	1.000		3811271.65		A	0.5
6	☐	1.000		3773380.26		A	0.6
7	☐	1.000		3761201.30		A	1.1
8	☐	1.000		3571165.29		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5314023.29		A	2.2
2	☐	1.000		5439701.55		A	1.9
3	☐	1.000		5499221.45		A	1.9
4	☐	1.000		5490680.33		A	0.5
5	☐	1.000		5366734.99		A	0.8
6	☐	1.000		5371334.50		A	0.6
7	☐	1.000		5227186.62		A	0.7
8	☐	1.000		4617225.31		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2669335.79		A	1.0
2	☐	1.000		2798228.57		A	0.3
3	☐	1.000		2756867.53		A	1.4
4	☐	1.000		2763911.03		A	1.2
5	☐	1.000		2703384.56		A	1.4
6	☐	1.000		2689740.20		A	0.5
7	☐	1.000		2608532.57		A	0.1
8	☐	1.000		2337305.45		A	2.0