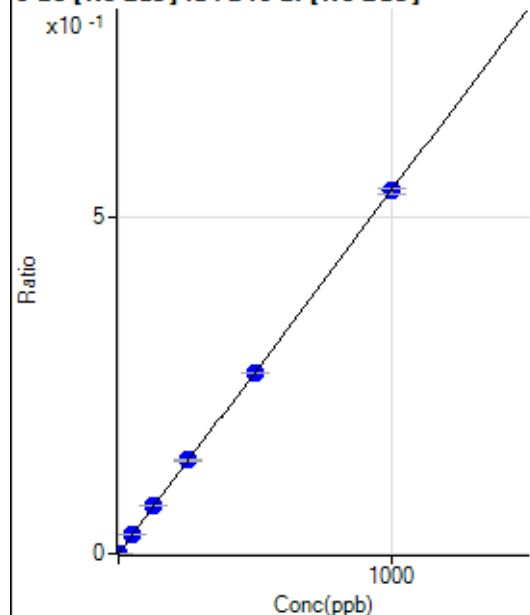


Batch Folder: D:\ICP-MS Data\P7061619-MS.b\
Analysis File: P7061619-MS.batch.bin
DA Date-Time: 2019-06-16 16:19:34
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-16 16:03:59
2	007CALS.d	S01	2019-06-16 16:20:05
3	008CALS.d	S02	2019-06-16 16:23:58
4	009CALS.d	S03	2019-06-16 16:27:50
5	010CALS.d	S04	2019-06-16 16:31:43
6	011CALS.d	S05	2019-06-16 16:35:36
7	012CALS.d	S06	2019-06-16 16:39:26
8	013CALS.d	S07	2019-06-16 16:43:17
9	014CALS.d	S08	2019-06-16 16:47:04

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.45	0.0002	P	5.4
2	☐	0.100	-0.051	280.01	0.0001	P	10.0
3	☐	1.000	0.828	1332.30	0.0006	P	6.7
4	☐	50.000	53.040	63210.98	0.0288	P	0.9
5	☐	125.000	131.976	151145.73	0.0715	P	0.3
6	☐	250.000	257.016	274248.55	0.1391	P	0.5
7	☐	500.000	496.800	506855.63	0.2688	P	0.4
8	☐	1000.000	998.822	987406.67	0.5402	P	1.3
9	☐			432.24	0.0002	P	13.6

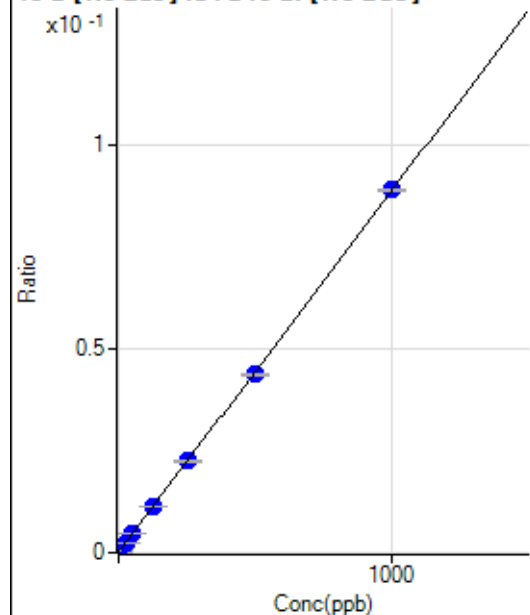
$$y = 5.4067\text{E-}004 * x + 1.5280\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.04613$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0001	P	23.3
2	☐	2.500	4.506	1169.54	0.0005	P	7.3
3	☐	25.000	24.422	5067.73	0.0023	P	2.2
4	☐	50.000	51.523	10262.21	0.0047	P	2.2
5	☐	125.000	127.542	24100.47	0.0114	P	2.3
6	☐	250.000	251.608	44101.52	0.0224	P	2.9
7	☐	500.000	491.819	82251.95	0.0436	P	1.7
8	☐	1000.000	1003.304	162408.50	0.0888	P	0.5
9	☐			7707.83	0.0042	P	9.3

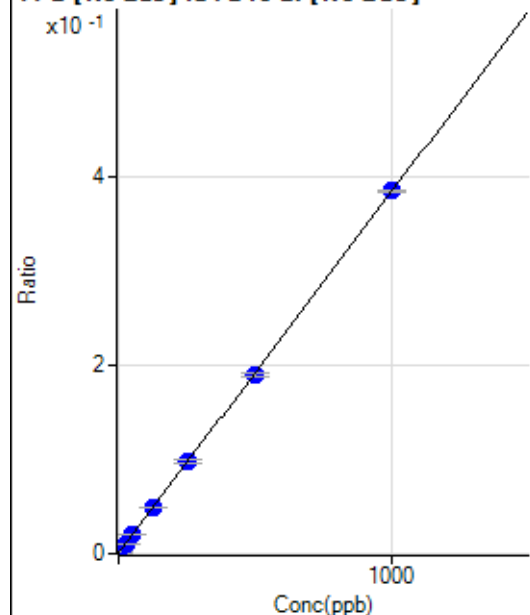
$$y = 8.8428\text{E-}005 * x + 1.2429\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.9842$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1494.58	0.0007	P	2.3
2	☐	2.500	3.913	4831.54	0.0022	P	4.2
3	☐	25.000	23.294	21246.04	0.0096	P	2.4
4	☐	50.000	50.176	43538.59	0.0199	P	2.0
5	☐	125.000	126.448	103645.87	0.0490	P	1.9
6	☐	250.000	253.592	192541.46	0.0977	P	2.9
7	☐	500.000	493.061	356987.24	0.1893	P	2.6
8	☐	1000.000	1002.421	702231.11	0.3842	P	0.7
9	☐			33544.10	0.0184	P	10.7

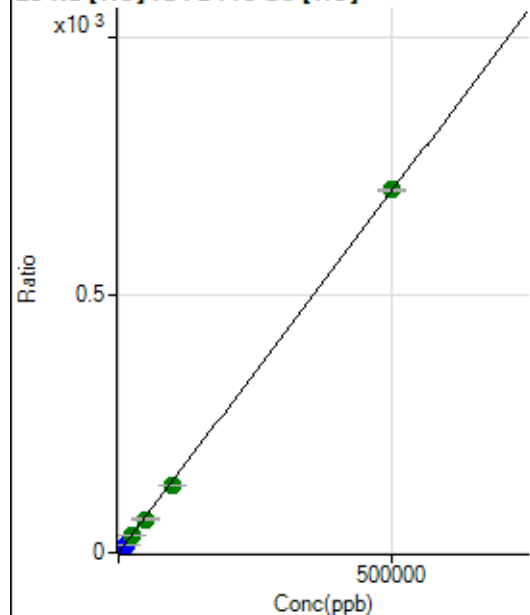
$$y = 3.8257\text{E-}004 * x + 6.6291\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.12$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3244.93	0.0183	P	3.2
2	☐	50.000	44.217	13748.46	0.0804	P	3.4
3	☐	500.000	431.218	109113.80	0.6235	P	0.8
4	☐	5000.000	4606.552	1070453.24	6.4825	P	0.2
5	☐	12500.000	11697.260	2523887.23	16.4326	P	0.2
6	☐	25000.000	23487.391	4678949.76	32.9772	A	1.4
7	☐	50000.000	46301.806	8900051.06	64.9917	A	1.8
8	☐	100000.00	93113.855	17472916.88	130.6811	A	0.4
9	☐	500000.00	501846.75	101147700.8	704.2385	A	0.5

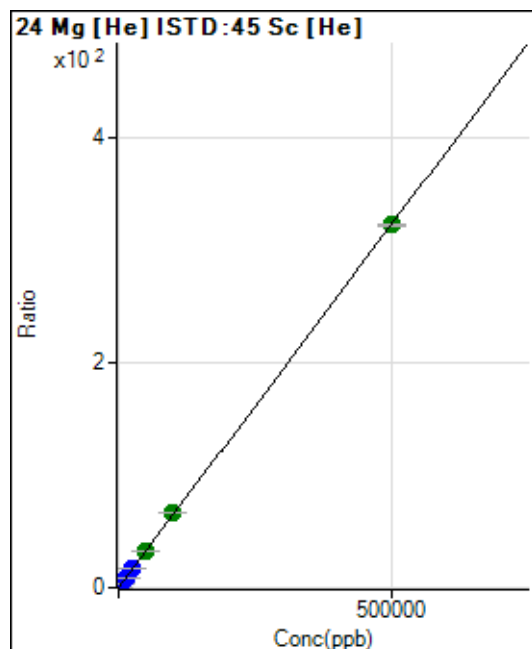
$$y = 0.0014 * x + 0.0183$$

$$R = 0.9999$$

$$DL = 1.268$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0015	P	11.9
2	☐	50.000	49.664	5734.64	0.0335	P	5.0
3	☐	500.000	504.907	57316.10	0.3275	P	1.2
4	☐	5000.000	5185.130	553176.90	3.3498	P	0.1
5	☐	12500.000	13133.915	1302901.87	8.4829	P	0.2
6	☐	25000.000	25969.289	2379644.17	16.7715	P	1.3
7	☐	50000.000	51020.371	4511979.70	32.9487	A	1.9
8	☐	100000.00	102307.31	8833763.04	66.0681	A	0.3
9	☐	500000.00	499370.33	46316929.16	322.4779	A	0.5

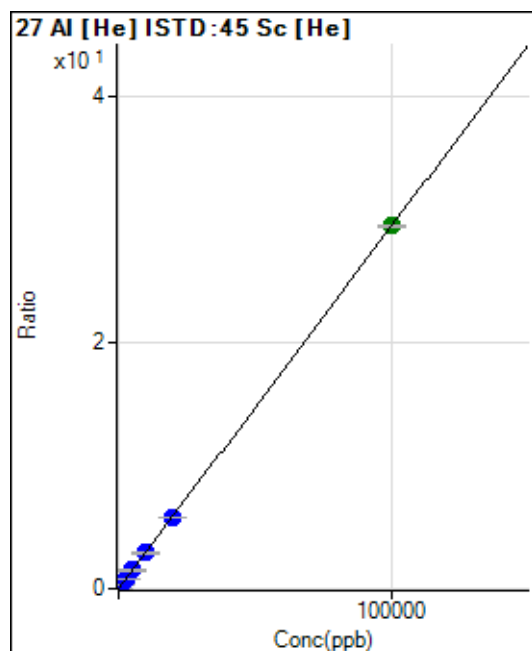
$$y = 6.4577\text{E-}004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.8053$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0001	P	87.8
2	☐	2.000	2.660	158.34	0.0009	P	18.8
3	☐	20.000	16.940	900.06	0.0051	P	9.6
4	☐	1000.000	997.362	48599.39	0.2944	P	1.1
5	☐	2500.000	2529.923	114647.58	0.7464	P	0.7
6	☐	5000.000	5054.656	211591.98	1.4912	P	0.7
7	☐	10000.000	9882.452	399205.44	2.9153	P	2.5
8	☐	20000.000	19728.548	778158.12	5.8198	P	0.5
9	☐	100000.00	100062.59	4239505.74	29.5173	A	0.4

$$y = 2.9499\text{E-}004 * x + 1.4110\text{E-}004$$

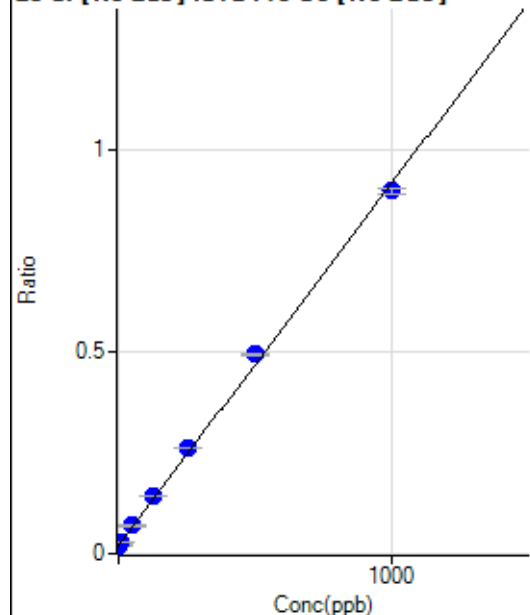
$$R = 1.0000$$

$$DL = 1.26$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81382.53	0.0206	P	1.0
2	☐	1.000	1.535	84189.72	0.0220	P	0.9
3	☐	10.000	8.740	110654.61	0.0284	P	1.1
4	☐	50.000	54.134	262792.07	0.0691	P	1.5
5	☐	125.000	135.615	508880.89	0.1420	P	0.8
6	☐	250.000	268.369	854365.53	0.2608	P	0.4
7	☐	500.000	527.719	1548026.67	0.4929	P	1.2
8	☐	1000.000	980.027	2724765.75	0.8977	P	1.4
9	☐			337054.68	0.1091	P	1.5

$$y = 8.9500E-004 * x + 0.0206$$

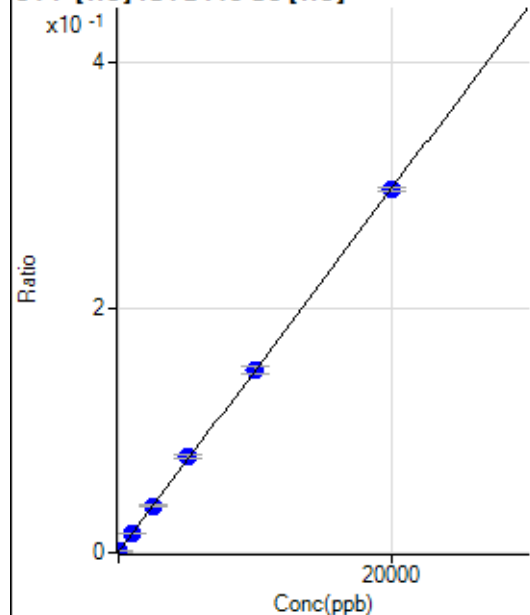
$$R = 0.9992$$

$$DL = 0.6998$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.828	63.89	0.0004	P	27.7
2	☐	0.000	-8.317	83.34	0.0005	P	30.3
3	☐	0.000	25.145	172.23	0.0010	P	15.0
4	☐	1000.000	990.197	2525.31	0.0153	P	3.3
5	☐	2500.000	2544.268	5884.74	0.0383	P	2.9
6	☐	5000.000	5219.908	11068.48	0.0780	P	4.4
7	☐	10000.000	10021.637	20417.41	0.1491	P	3.8
8	☐	20000.000	19929.161	39570.01	0.2959	P	1.1
9	☐			80.56	0.0006	P	22.0

$$y = 1.4819E-005 * x + 6.1093E-004$$

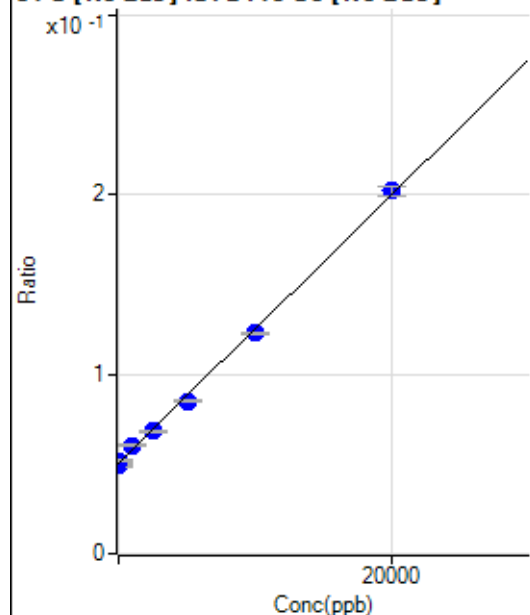
$$R = 0.9999$$

$$DL = 26.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-40.273	196757.13	0.0498	P	1.8
2	☐	0.000	-159.026	187416.79	0.0489	P	1.3
3	☐	0.000	199.299	200929.20	0.0516	P	1.1
4	☐	1000.000	1342.102	229101.83	0.0602	P	1.6
5	☐	2500.000	2382.698	243736.07	0.0680	P	0.8
6	☐	5000.000	4617.241	277680.12	0.0848	P	0.8
7	☐	10000.000	9700.498	385927.01	0.1229	P	1.1
8	☐	20000.000	20242.999	612877.72	0.2019	P	2.5
9	☐			158043.57	0.0511	P	1.2

$$y = 7.4994\text{E-}006 * x + 0.0501$$

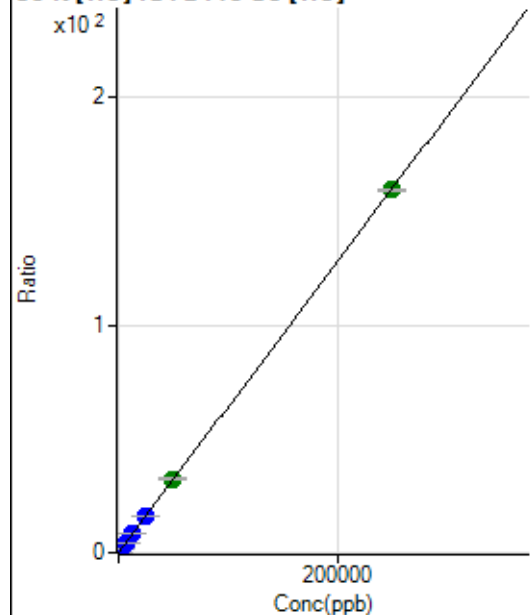
$$R = 0.9993$$

$$DL = 276.8$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9150.39	0.0517	P	1.7
2	☐	50.000	45.571	13818.07	0.0808	P	2.3
3	☐	500.000	491.909	63980.17	0.3655	P	1.1
4	☐	2500.000	2624.909	285041.01	1.7262	P	0.6
5	☐	6250.000	6567.645	651432.16	4.2413	P	0.2
6	☐	12500.000	12983.614	1182539.00	8.3341	P	0.9
7	☐	25000.000	25251.606	2212924.68	16.1600	P	2.0
8	☐	50000.000	50779.467	4338039.68	32.4446	A	0.5
9	☐	250000.00	249785.59	22893288.36	159.3931	A	0.4

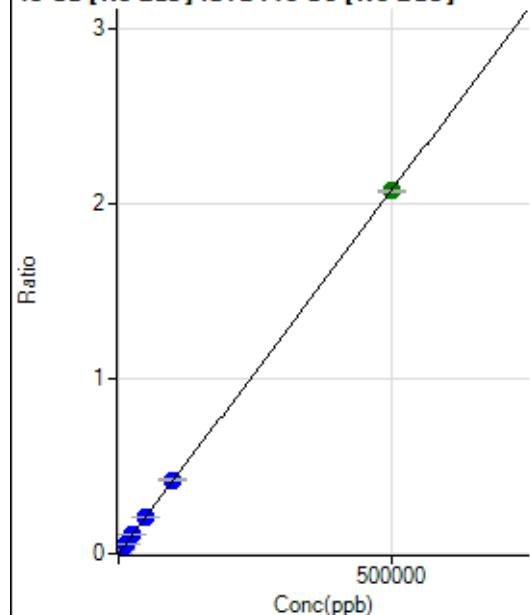
$$y = 6.3791\text{E-}004 * x + 0.0517$$

$$R = 1.0000$$

$$DL = 4.247$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	6.1
2	☐	50.000	53.057	922.29	0.0002	P	8.2
3	☐	500.000	494.979	8083.06	0.0021	P	2.6
4	☐	5000.000	5099.871	80719.94	0.0212	P	1.3
5	☐	12500.000	12928.162	192613.62	0.0537	P	0.6
6	☐	25000.000	25594.452	348459.34	0.1064	P	0.3
7	☐	50000.000	49694.334	648547.78	0.2065	P	0.8
8	☐	100000.00	101700.43	1282542.45	0.4226	P	2.0
9	☐	500000.00	499649.05	6416982.52	2.0761	A	0.3

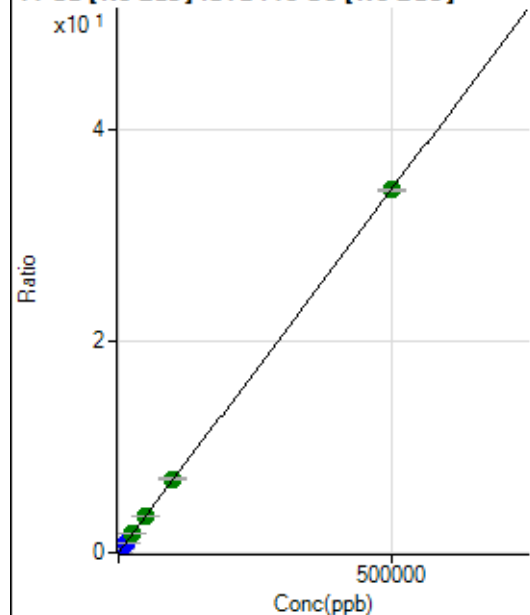
$$y = 4.1552\text{E-}006 * x + 2.0406\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.9052$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4812.25	0.0012	P	5.5
2	☐	50.000	48.989	17519.52	0.0046	P	1.9
3	☐	500.000	467.609	129432.24	0.0333	P	1.2
4	☐	5000.000	4990.431	1305901.62	0.3432	P	0.2
5	☐	12500.000	12552.090	3086889.37	0.8613	P	0.5
6	☐	25000.000	25418.010	5709529.20	1.7429	A	0.1
7	☐	50000.000	49489.125	10653486.61	3.3922	A	0.4
8	☐	100000.00	101751.73	21164574.95	6.9732	A	1.5
9	☐	500000.00	499678.66	105825364.1	34.2391	A	0.2

$$y = 6.8520\text{E-}005 * x + 0.0012$$

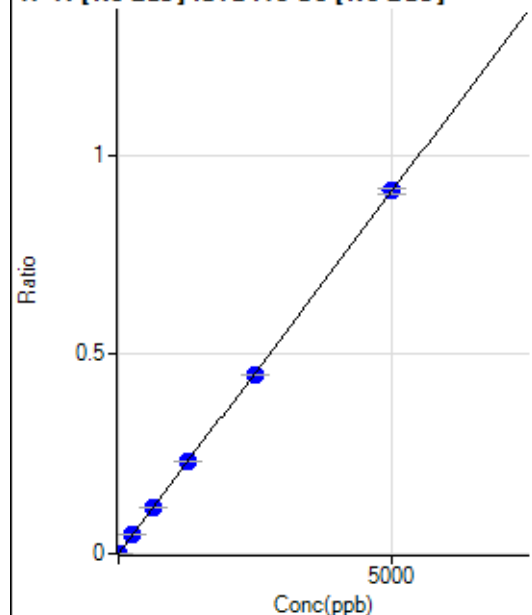
$$R = 1.0000$$

$$DL = 2.923$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.0
2	☐	0.500	0.461	369.46	0.0001	P	4.7
3	☐	5.000	4.980	3572.81	0.0009	P	6.2
4	☐	250.000	253.151	175181.45	0.0460	P	0.5
5	☐	625.000	643.323	419206.20	0.1170	P	0.3
6	☐	1250.000	1271.057	757012.61	0.2311	P	0.2
7	☐	2500.000	2464.744	1407256.20	0.4481	P	0.2
8	☐	5000.000	5009.916	2764338.97	0.9108	P	1.4
9	☐			1208.43	0.0004	P	11.8

$$y = 1.8179\text{E-}004 * x + 1.2651\text{E-}005$$

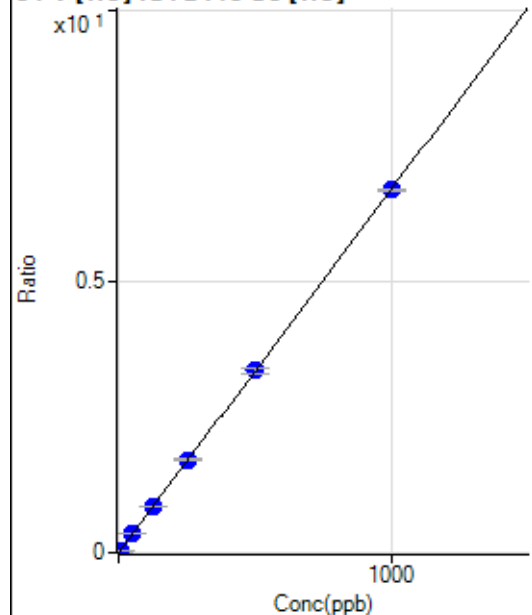
$$R = 1.0000$$

$$DL = 0.06894$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0007	P	8.9
2	☐	0.500	0.501	687.81	0.0040	P	5.0
3	☐	5.000	5.073	6070.23	0.0347	P	4.1
4	☐	50.000	51.291	56922.81	0.3447	P	0.9
5	☐	125.000	128.570	132579.17	0.8632	P	0.4
6	☐	250.000	255.100	242914.51	1.7120	P	1.1
7	☐	500.000	500.280	459659.77	3.3568	P	2.6
8	☐	1000.000	998.074	895338.44	6.6963	P	0.7
9	☐			290.01	0.0020	P	14.7

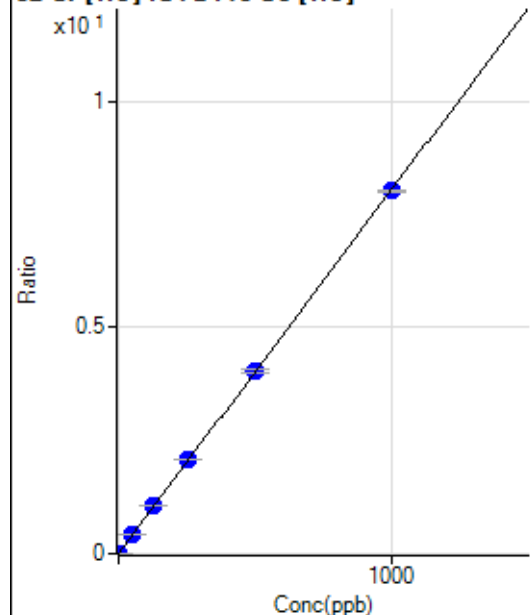
$$y = 0.0067 * x + 6.5974\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02627$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	512.24	0.0029	P	2.1
2	☐	0.200	0.151	703.36	0.0041	P	10.2
3	☐	2.000	1.850	3111.49	0.0178	P	2.1
4	☐	50.000	51.920	69420.43	0.4204	P	0.9
5	☐	125.000	130.229	161304.32	1.0502	P	0.4
6	☐	250.000	257.961	294763.64	2.0774	P	1.1
7	☐	500.000	500.680	551800.98	4.0294	P	1.7
8	☐	1000.000	996.921	1072348.24	8.0202	P	0.5
9	☐			19903.60	0.1386	P	1.0

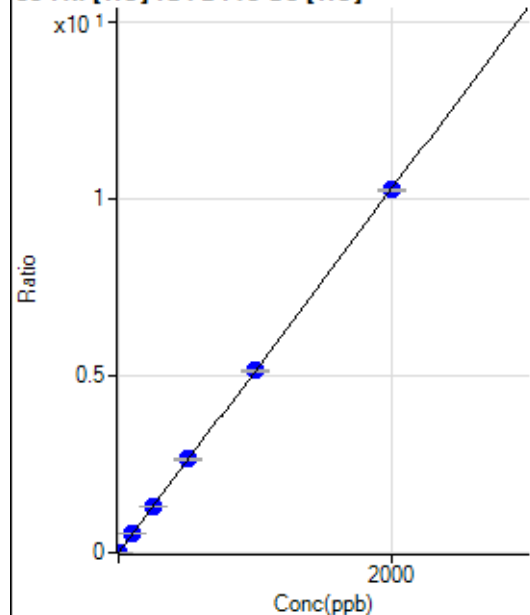
$$y = 0.0080 * x + 0.0029$$

$$R = 1.0000$$

$$DL = 0.0226$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0007	P	18.2
2	☐	0.100	0.054	160.00	0.0009	P	3.4
3	☐	1.000	0.969	986.72	0.0056	P	3.2
4	☐	100.000	101.830	86473.47	0.5237	P	0.8
5	☐	250.000	258.105	203726.88	1.3264	P	0.4
6	☐	500.000	513.168	374084.62	2.6366	P	1.6
7	☐	1000.000	1000.772	704059.19	5.1412	P	1.8
8	☐	2000.000	1995.217	1370417.60	10.2493	P	0.4
9	☐			6036.88	0.0420	P	1.2

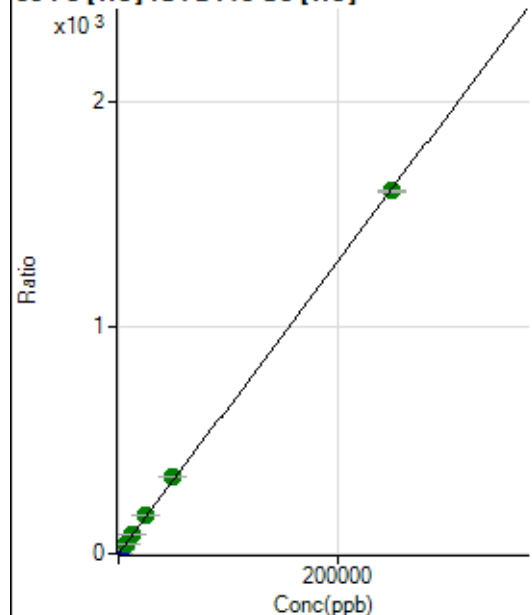
$$y = 0.0051 * x + 6.5997E-004$$

$$R = 1.0000$$

$$DL = 0.07029$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2205.78	0.0125	P	8.0
2	☐	5.000	5.503	8187.71	0.0479	P	1.8
3	☐	50.000	54.922	64024.78	0.3659	P	2.0
4	☐	2500.000	2712.958	2884310.05	17.4684	P	0.9
5	☐	6250.000	6843.416	6764807.27	44.0450	A	0.5
6	☐	12500.000	13643.473	12457090.09	87.7985	A	1.5
7	☐	25000.000	26594.330	23434785.25	171.1281	A	1.7
8	☐	50000.000	53170.718	45744534.82	342.1283	A	0.5
9	☐	250000.00	249132.28	230233245.8	1,603.001	A	0.2

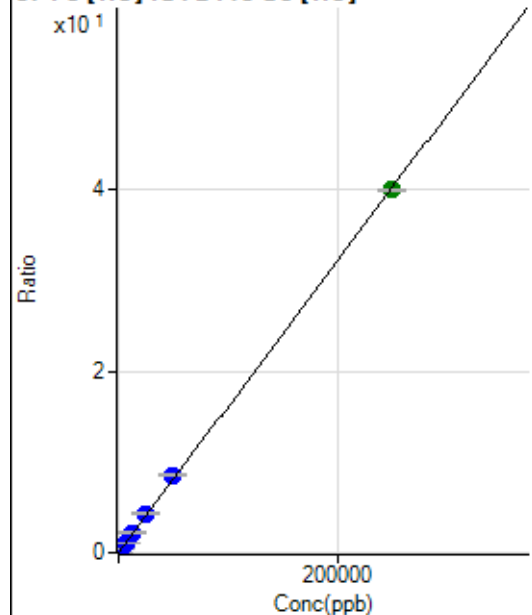
$$y = 0.0064 * x + 0.0125$$

$$R = 0.9999$$

$$DL = 0.4637$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.04	0.0005	P	13.0
2	☐	5.000	5.302	229.64	0.0013	P	15.2
3	☐	50.000	54.393	1614.95	0.0092	P	5.0
4	☐	2500.000	2781.922	73844.79	0.4472	P	1.4
5	☐	6250.000	6898.527	170221.52	1.1083	P	0.4
6	☐	12500.000	13796.496	314403.76	2.2160	P	1.7
7	☐	25000.000	26861.278	590773.42	4.3140	P	1.6
8	☐	50000.000	53426.494	1147206.71	8.5800	P	0.5
9	☐	250000.00	249044.71	5744071.83	39.9932	A	0.3

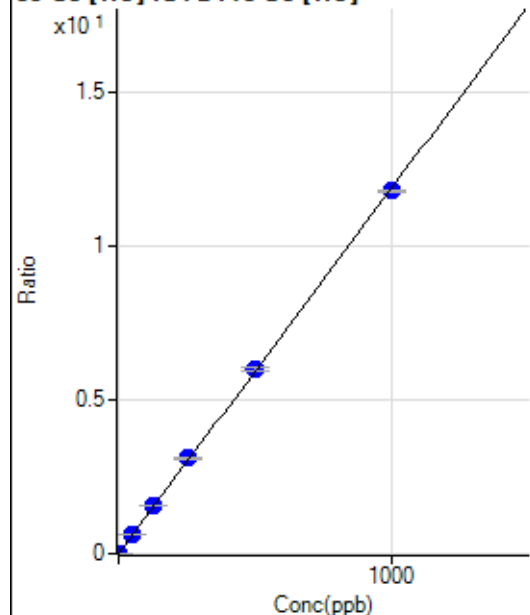
$$y = 1.6058E-004 * x + 4.9199E-004$$

$$R = 0.9999$$

$$DL = 1.194$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	471.13	0.0027	P	0.9
2	☐	0.100	-0.030	394.46	0.0023	P	11.2
3	☐	1.000	0.876	2287.99	0.0131	P	2.9
4	☐	50.000	52.988	104351.19	0.6320	P	0.8
5	☐	125.000	131.686	240628.28	1.5666	P	1.0
6	☐	250.000	260.698	439687.74	3.0989	P	1.2
7	☐	500.000	506.251	823734.75	6.0152	P	1.7
8	☐	1000.000	993.215	1577552.32	11.7987	P	0.8
9	☐			20164.02	0.1404	P	1.1

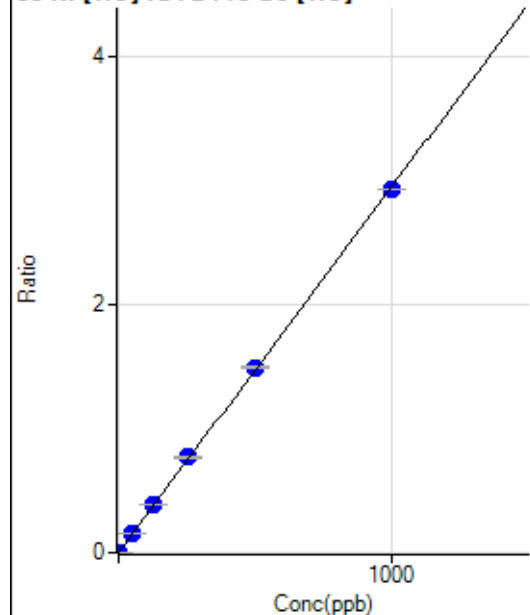
$$y = 0.0119 * x + 0.0027$$

$$R = 0.9999$$

$$DL = 0.005846$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0008	P	9.5
2	☐	0.100	0.014	141.11	0.0008	P	13.7
3	☐	1.000	0.894	598.91	0.0034	P	8.3
4	☐	50.000	54.157	26527.53	0.1606	P	1.0
5	☐	125.000	133.223	60508.82	0.3940	P	0.5
6	☐	250.000	261.744	109701.93	0.7732	P	2.3
7	☐	500.000	507.331	205137.91	1.4980	P	2.0
8	☐	1000.000	992.163	391616.37	2.9289	P	0.1
9	☐			8095.68	0.0564	P	0.6

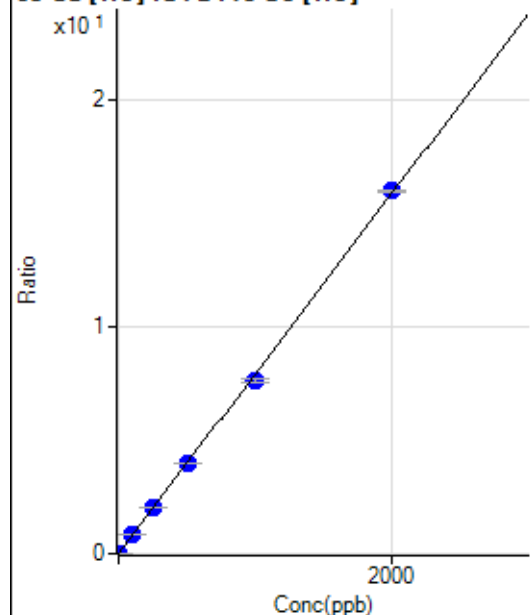
$$y = 0.0030 * x + 7.8516E-004$$

$$R = 0.9999$$

$$DL = 0.07559$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	390.01	0.0022	P	10.5
2	☐	0.200	0.111	527.80	0.0031	P	4.2
3	☐	2.000	1.847	2944.78	0.0168	P	5.3
4	☐	100.000	103.065	135024.86	0.8177	P	0.8
5	☐	250.000	256.041	311518.36	2.0282	P	0.3
6	☐	500.000	502.555	564512.04	3.9788	P	1.8
7	☐	1000.000	962.762	1043543.42	7.6204	P	1.9
8	☐	2000.000	2017.072	2134354.41	15.9630	P	0.5
9	☐			3321.54	0.0231	P	3.1

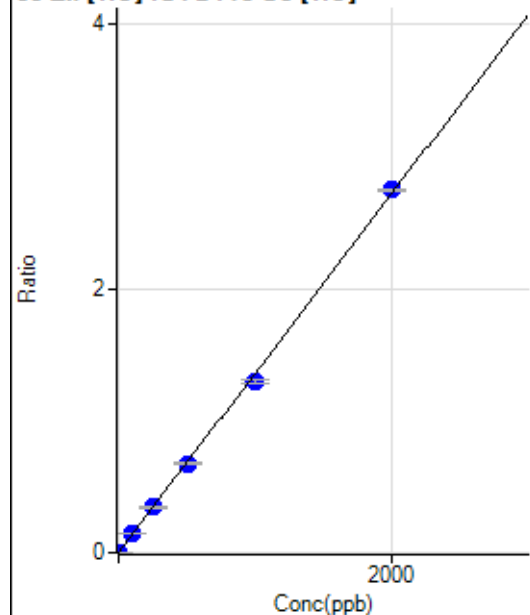
$$y = 0.0079 * x + 0.0022$$

$$R = 0.9998$$

$$DL = 0.08791$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0010	P	7.5
2	☐	0.200	0.629	317.79	0.0019	P	6.5
3	☐	2.000	2.140	684.47	0.0039	P	4.4
4	☐	100.000	103.644	23398.93	0.1417	P	0.3
5	☐	250.000	251.698	52630.19	0.3427	P	1.1
6	☐	500.000	495.002	95479.51	0.6729	P	1.8
7	☐	1000.000	956.356	177914.24	1.2992	P	1.9
8	☐	2000.000	2022.677	367256.84	2.7467	P	0.7
9	☐			5377.74	0.0374	P	3.6

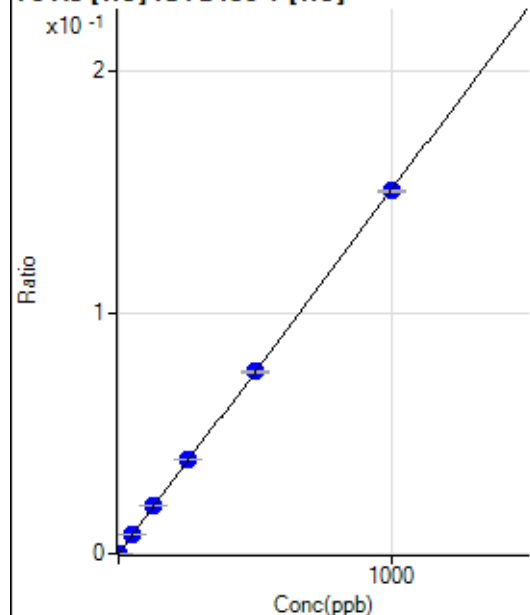
$$y = 0.0014 * x + 0.0010$$

$$R = 0.9997$$

$$DL = 0.1672$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.60	0.0000	P	40.4
2	☐	0.100	0.062	29.63	0.0000	P	17.0
3	☐	1.000	0.864	147.53	0.0002	P	4.9
4	☐	50.000	52.180	7253.71	0.0079	P	1.0
5	☐	125.000	131.395	17104.57	0.0199	P	0.2
6	☐	250.000	257.036	31441.40	0.0388	P	0.2
7	☐	500.000	500.746	59383.47	0.0756	P	0.8
8	☐	1000.000	996.960	115681.17	0.1505	P	0.4
9	☐			180.25	0.0002	P	6.8

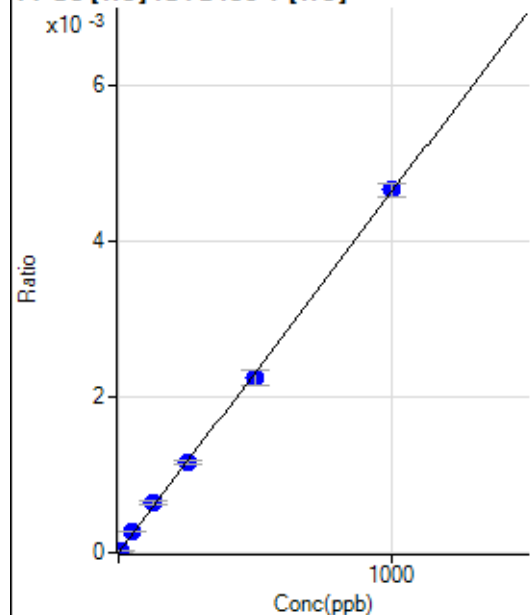
$$y = 1.5093\text{E-}004 * x + 2.2141\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1776$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	173.
2	☐	0.500	-0.234	2.22	0.0000	P	173.
3	☐	5.000	4.218	22.22	0.0000	P	37.2
4	☐	50.000	57.056	245.56	0.0003	P	5.3
5	☐	125.000	136.397	546.68	0.0006	P	7.0
6	☐	250.000	250.264	941.16	0.0012	P	5.1
7	☐	500.000	484.979	1765.69	0.0022	P	8.4
8	☐	1000.000	1005.671	3580.50	0.0047	P	3.5
9	☐			0.00	0.0000	P	

$$y = 4.6285\text{E-}006 * x + 3.4296\text{E-}006$$

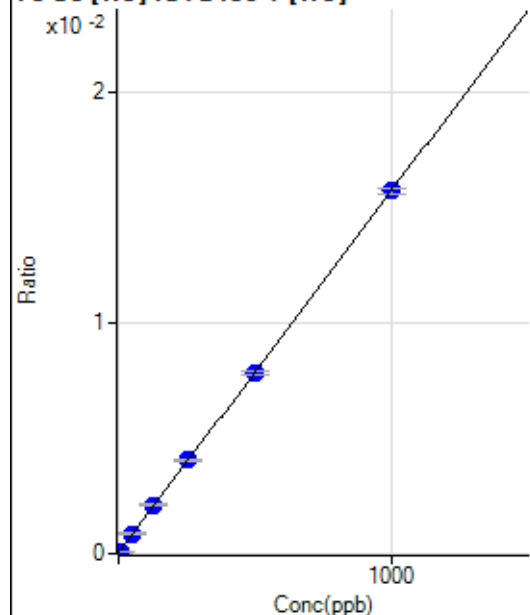
$$R = 0.9998$$

$$DL = 3.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.74	0.0000	P	43.2
2	☐	0.500	-0.367	33.95	0.0000	P	27.6
3	☐	5.000	3.734	96.92	0.0001	P	21.4
4	☐	50.000	52.432	794.47	0.0009	P	6.3
5	☐	125.000	131.690	1816.80	0.0021	P	3.8
6	☐	250.000	255.886	3288.05	0.0041	P	2.6
7	☐	500.000	495.745	6146.41	0.0078	P	2.6
8	☐	1000.000	999.705	12097.10	0.0157	P	1.9
9	☐			24.69	0.0000	P	8.2

$$y = 1.5700\text{E-}005 * x + 4.1746\text{E-}005$$

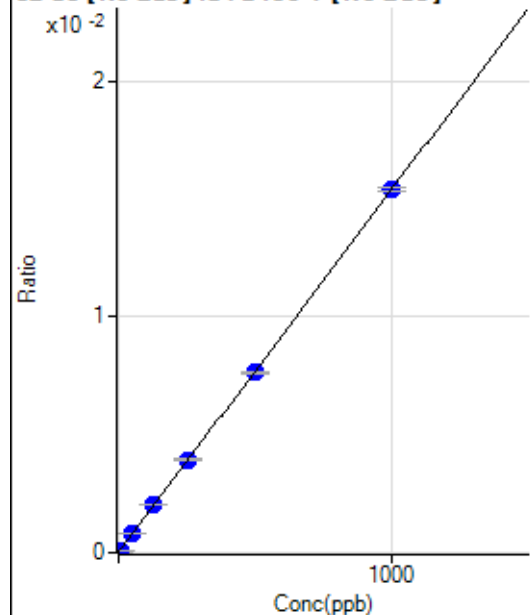
$$R = 0.9999$$

$$DL = 3.446$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.25	0.0000	P	8.5
2	☐	0.500	0.695	139.84	0.0000	P	13.2
3	☐	5.000	4.943	528.12	0.0001	P	11.8
4	☐	50.000	52.250	4774.69	0.0008	P	2.9
5	☐	125.000	131.450	11320.75	0.0020	P	1.7
6	☐	250.000	255.874	20554.87	0.0039	P	0.4
7	☐	500.000	496.035	38465.52	0.0076	P	0.6
8	☐	1000.000	999.595	75447.10	0.0154	P	1.1
9	☐			77.20	0.0000	P	40.1

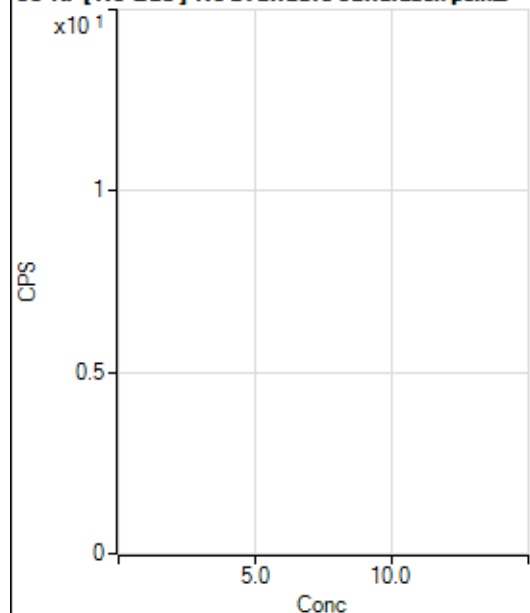
$$y = 1.5364\text{E-}005 * x + 1.3126\text{E-}005$$

$$R = 1.0000$$

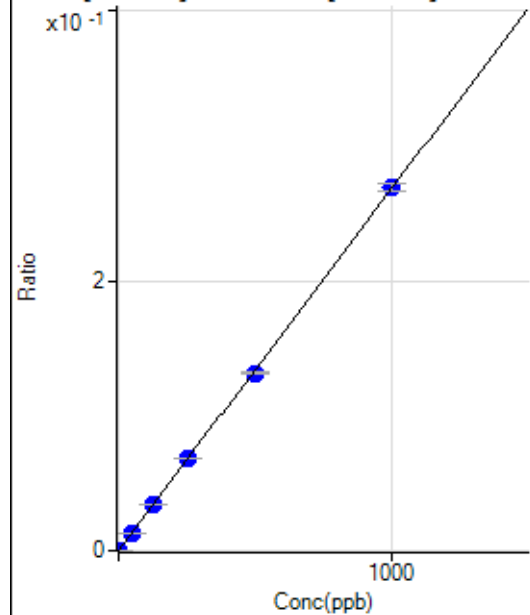
$$DL = 0.2174$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	1.2
2	☐			140.00		P	12.6
3	☐			190.01		P	21.1
4	☐			175.56		P	14.0
5	☐			156.67		P	6.4
6	☐			131.11		P	20.6
7	☐			157.78		P	6.8
8	☐			134.45		P	7.2
9	☐			157.78		P	13.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	286.12	0.0000	P	20.6
2	☐	0.100	0.101	433.36	0.0001	P	13.9
3	☐	1.000	0.898	1702.95	0.0003	P	4.6
4	☐	50.000	49.245	77450.38	0.0132	P	0.6
5	☐	125.000	128.273	191594.53	0.0344	P	1.1
6	☐	250.000	252.822	353117.50	0.0678	P	0.2
7	☐	500.000	491.685	663761.98	0.1317	P	0.5
8	☐	1000.000	1003.080	1318790.99	0.2687	P	1.9
9	☐			5984.84	0.0012	P	5.0

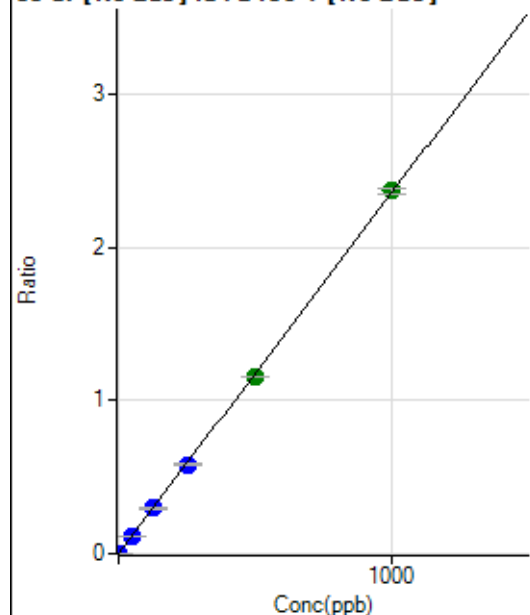
$$y = 2.6784\text{E-}004 * x + 4.6783\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.108$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.33	0.0000	P	24.5
2	☐	0.100	0.112	1611.26	0.0003	P	11.3
3	☐	1.000	0.939	13187.11	0.0022	P	0.1
4	☐	50.000	49.611	684525.23	0.1170	P	0.3
5	☐	125.000	125.281	1645096.27	0.2954	P	0.6
6	☐	250.000	247.694	3043417.93	0.5840	P	0.3
7	☐	500.000	489.697	5817612.98	1.1546	A	0.2
8	☐	1000.000	1005.712	11638313.89	2.3713	A	1.6
9	☐			50133.13	0.0104	P	1.3

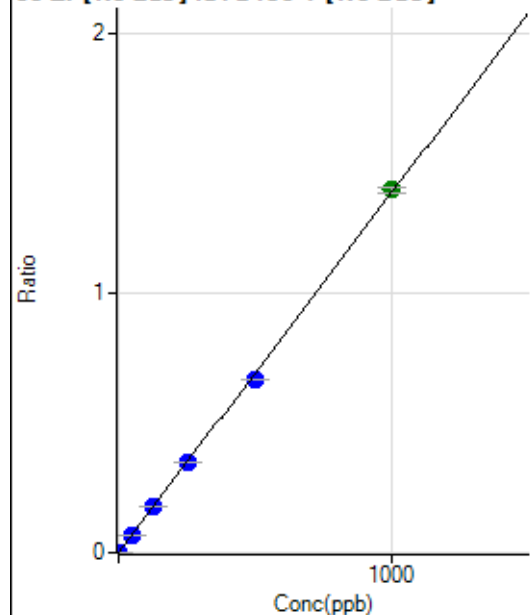
$$y = 0.0024 * x + 9.5339E-006$$

$$R = 0.9999$$

$$DL = 0.002969$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.70	0.0001	P	8.9
2	☐	0.100	0.087	1155.65	0.0002	P	8.6
3	☐	1.000	0.927	8080.36	0.0014	P	3.1
4	☐	50.000	50.085	407069.50	0.0696	P	0.3
5	☐	125.000	126.882	980809.53	0.1761	P	0.2
6	☐	250.000	249.997	1807945.14	0.3469	P	0.5
7	☐	500.000	482.508	3373453.37	0.6695	P	0.2
8	☐	1000.000	1008.507	6868070.99	1.3994	A	1.4
9	☐			3214.38	0.0007	P	6.3

$$y = 0.0014 * x + 7.6279E-005$$

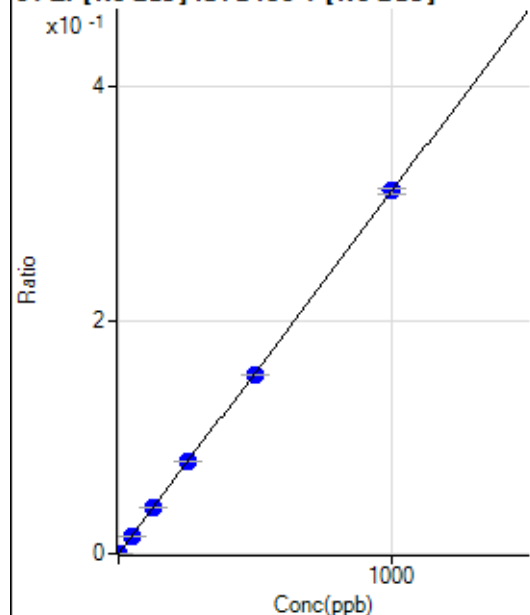
$$R = 0.9998$$

$$DL = 0.01463$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	39.0
2	☐	0.100	0.084	238.90	0.0000	P	13.4
3	☐	1.000	0.934	1802.96	0.0003	P	3.7
4	☐	50.000	50.130	91027.34	0.0156	P	0.9
5	☐	125.000	128.383	221753.42	0.0398	P	1.4
6	☐	250.000	253.454	409572.71	0.0786	P	0.4
7	☐	500.000	493.921	771637.34	0.1532	P	0.3
8	☐	1000.000	1001.747	1524434.63	0.3106	P	1.4
9	☐			772.28	0.0002	P	14.7

$$y = 3.1004\text{E-}004 * x + 1.4537\text{E-}005$$

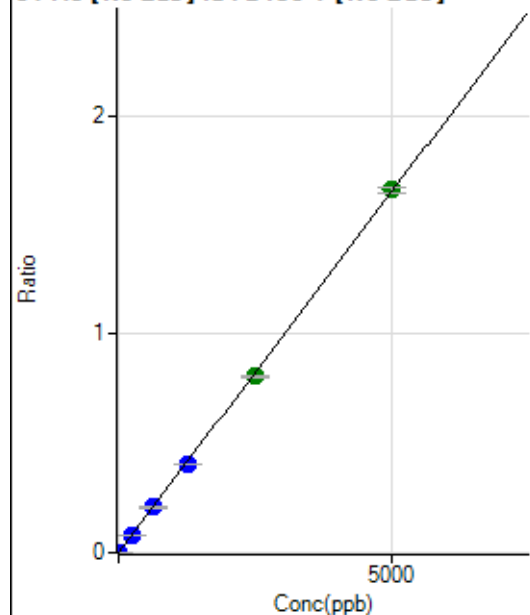
$$R = 1.0000$$

$$DL = 0.05484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.35	0.0001	P	14.4
2	☐	0.500	0.493	1275.11	0.0002	P	5.3
3	☐	5.000	4.624	9375.62	0.0016	P	2.7
4	☐	250.000	246.653	476756.36	0.0815	P	0.3
5	☐	625.000	627.064	1153086.23	0.2071	P	0.4
6	☐	1250.000	1235.859	2126265.22	0.4080	P	0.1
7	☐	2500.000	2441.855	4061701.09	0.8061	A	0.3
8	☐	5000.000	5032.517	8153930.65	1.6614	A	1.5
9	☐			5768.08	0.0012	P	3.5

$$y = 3.3011\text{E-}004 * x + 5.4529\text{E-}005$$

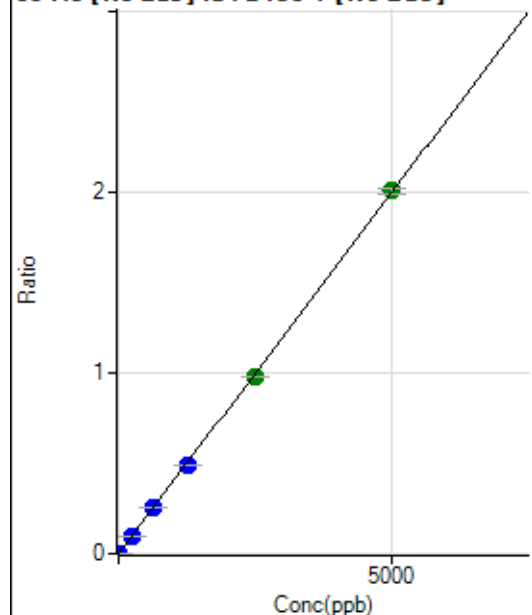
$$R = 0.9999$$

$$DL = 0.07153$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0000	P	29.3
2	☐	0.500	0.465	1358.46	0.0002	P	14.2
3	☐	5.000	4.843	11721.91	0.0020	P	1.1
4	☐	250.000	248.849	580775.53	0.0993	P	0.4
5	☐	625.000	628.950	1396646.49	0.2508	P	0.4
6	☐	1250.000	1236.452	2568995.06	0.4930	P	0.2
7	☐	2500.000	2454.719	4931002.63	0.9787	A	0.3
8	☐	5000.000	5025.592	9833403.78	2.0036	A	1.7
9	☐			8800.29	0.0018	P	3.4

$$y = 3.9867E-004 * x + 4.5826E-005$$

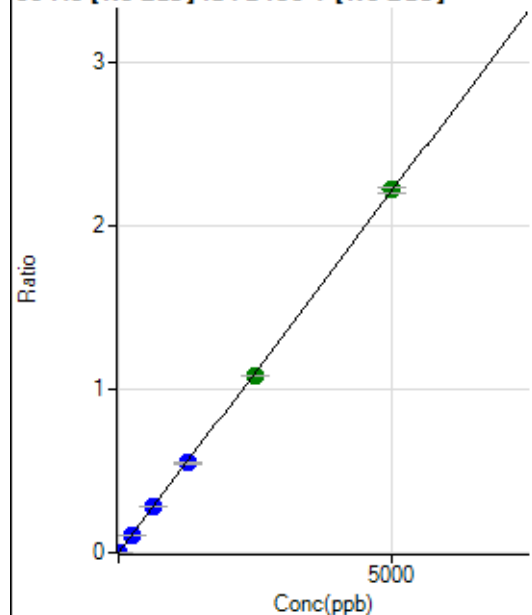
$$R = 0.9999$$

$$DL = 0.1011$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.46	0.0001	P	11.2
2	☐	0.500	0.423	1450.14	0.0002	P	10.8
3	☐	5.000	4.786	12878.52	0.0022	P	1.8
4	☐	250.000	249.185	643522.92	0.1100	P	0.4
5	☐	625.000	627.754	1542448.45	0.2770	P	0.3
6	☐	1250.000	1238.474	2847169.23	0.5464	P	0.2
7	☐	2500.000	2456.121	5459130.11	1.0835	A	0.4
8	☐	5000.000	5024.518	10878366.39	2.2164	A	1.4
9	☐			10754.49	0.0022	P	5.0

$$y = 4.4111E-004 * x + 6.0435E-005$$

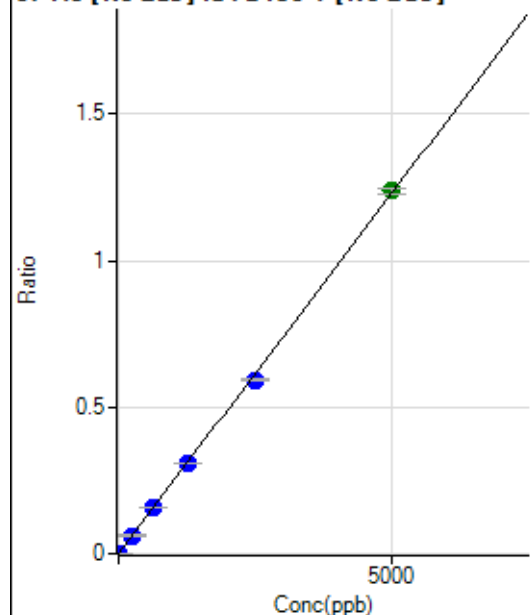
$$R = 0.9999$$

$$DL = 0.04621$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	191.68	0.0000	P	15.1
2	☐	0.500	0.543	966.74	0.0002	P	8.0
3	☐	5.000	4.912	7343.84	0.0012	P	3.5
4	☐	250.000	252.727	363552.03	0.0621	P	0.8
5	☐	625.000	640.506	876635.71	0.1574	P	0.5
6	☐	1250.000	1263.360	1617801.28	0.3105	P	0.4
7	☐	2500.000	2414.580	2989474.37	0.5933	P	0.4
8	☐	5000.000	5037.295	6074993.54	1.2378	A	1.4
9	☐			5198.40	0.0011	P	9.1

$$y = 2.4572\text{E-}004 * x + 3.1318\text{E-}005$$

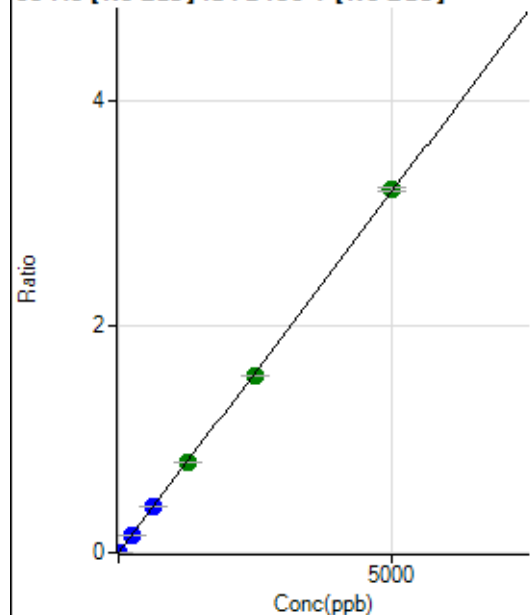
$$R = 0.9998$$

$$DL = 0.05769$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.36	0.0001	P	22.6
2	☐	0.500	0.492	2283.62	0.0004	P	5.2
3	☐	5.000	4.923	19068.84	0.0032	P	2.2
4	☐	250.000	249.206	930523.44	0.1590	P	0.5
5	☐	625.000	632.235	2246181.41	0.4033	P	0.6
6	☐	1250.000	1251.421	4159886.33	0.7983	A	0.1
7	☐	2500.000	2445.588	7859728.04	1.5600	A	0.3
8	☐	5000.000	5025.986	15735129.87	3.2058	A	1.0
9	☐			13106.57	0.0027	P	3.1

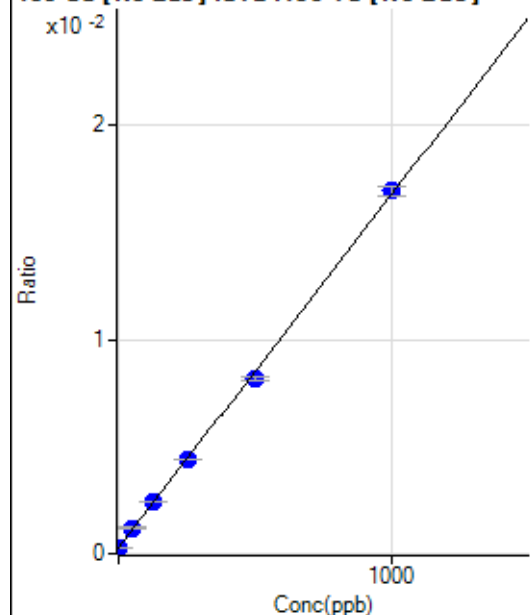
$$y = 6.3783\text{E-}004 * x + 7.4858\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.07947$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2322.51	0.0003	P	1.7
2	☐	0.100	0.876	2364.19	0.0003	P	3.8
3	☐	1.000	0.997	2383.63	0.0003	P	2.5
4	☐	50.000	55.203	9428.54	0.0012	P	4.5
5	☐	125.000	130.398	18824.33	0.0024	P	2.2
6	☐	250.000	249.325	32933.64	0.0044	P	1.1
7	☐	500.000	477.668	60102.91	0.0082	P	1.6
8	☐	1000.000	1010.400	123729.86	0.0170	P	2.6
9	☐			2053.01	0.0003	P	5.2

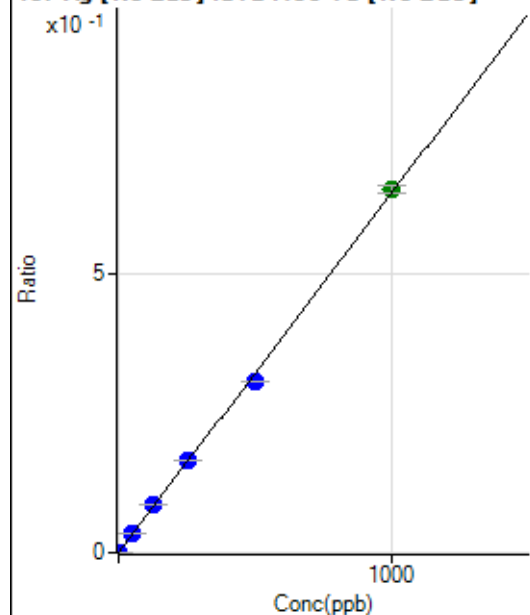
$$y = 1.6494\text{E-}005 * x + 2.8455\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.8706$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	17.9
2	☐	0.100	0.093	541.70	0.0001	P	10.3
3	☐	1.000	0.957	4939.94	0.0006	P	3.9
4	☐	50.000	54.800	278016.32	0.0352	P	1.1
5	☐	125.000	134.763	669836.55	0.0867	P	1.6
6	☐	250.000	255.006	1228053.01	0.1640	P	0.1
7	☐	500.000	476.120	2253882.62	0.3061	P	0.5
8	☐	1000.000	1009.228	4736952.10	0.6489	A	2.0
9	☐			819.51	0.0001	P	21.3

$$y = 6.4294\text{E-}004 * x + 8.5041\text{E-}006$$

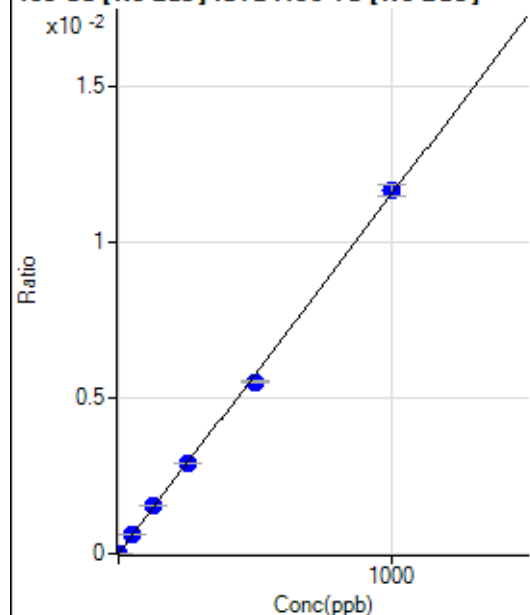
$$R = 0.9995$$

$$DL = 0.007102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	62.7
2	☐	0.100	0.157	27.78	0.0000	P	67.5
3	☐	1.000	1.040	108.33	0.0000	P	28.9
4	☐	50.000	52.854	4814.81	0.0006	P	5.7
5	☐	125.000	132.670	11821.88	0.0015	P	0.4
6	☐	250.000	249.498	21527.70	0.0029	P	0.3
7	☐	500.000	477.819	40516.36	0.0055	P	0.8
8	☐	1000.000	1010.114	84900.84	0.0116	P	3.0
9	☐			38.89	0.0000	P	22.6

$$y = 1.1513\text{E-}005 * x + 1.7047\text{E-}006$$

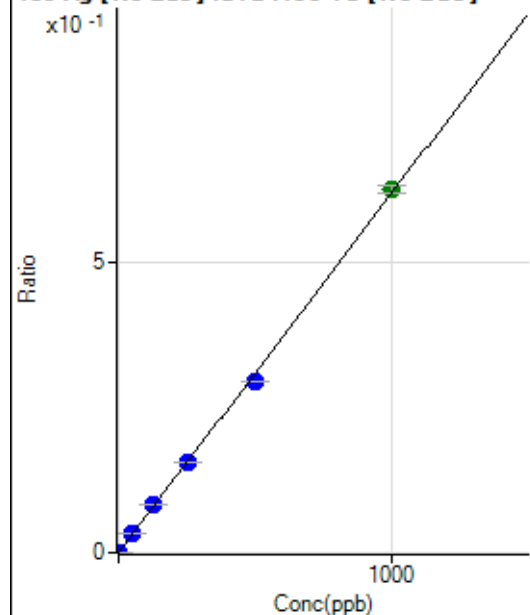
$$R = 0.9996$$

$$DL = 0.2785$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	65.7
2	☐	0.100	0.079	430.58	0.0001	P	10.9
3	☐	1.000	0.989	4898.26	0.0006	P	1.1
4	☐	50.000	54.371	265921.64	0.0337	P	0.8
5	☐	125.000	134.356	643861.84	0.0833	P	1.1
6	☐	250.000	252.692	1173276.49	0.1566	P	0.5
7	☐	500.000	476.074	2172843.26	0.2951	P	0.1
8	☐	1000.000	1009.902	4570060.95	0.6260	A	2.1
9	☐			822.28	0.0001	P	17.8

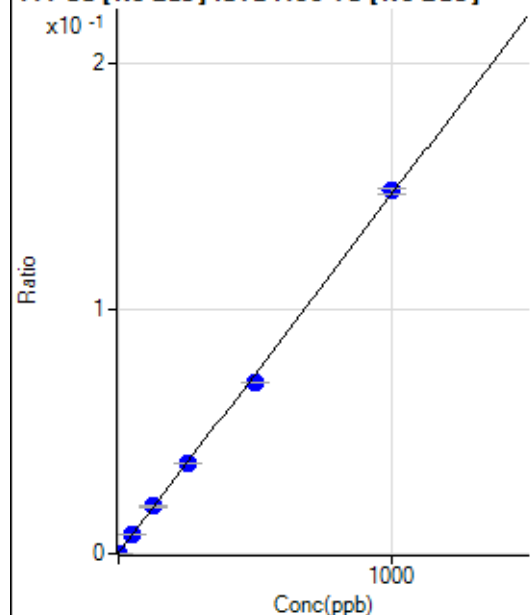
$$y = 6.1989\text{E-}004 * x + 5.4363\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.01728$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1761.87	0.0002	P	2.6
2	☐	0.100	0.100	1822.99	0.0002	P	2.5
3	☐	1.000	0.806	2642.77	0.0003	P	0.9
4	☐	50.000	53.085	62969.36	0.0080	P	0.4
5	☐	125.000	130.655	149428.19	0.0193	P	1.6
6	☐	250.000	249.477	274995.18	0.0367	P	0.9
7	☐	500.000	478.069	516552.48	0.0702	P	0.2
8	☐	1000.000	1010.235	1080603.26	0.1480	P	1.6
9	☐			1732.12	0.0002	P	4.8

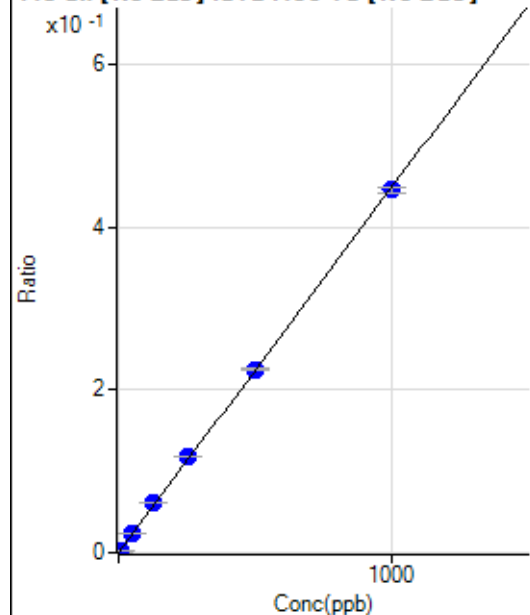
$$y = 1.4630E-004 * x + 2.1587E-004$$

$$R = 0.9996$$

$$DL = 0.1131$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.46	0.0000	P	13.1
2	☐	0.500	0.550	2141.92	0.0003	P	3.9
3	☐	5.000	5.421	19475.28	0.0025	P	2.9
4	☐	50.000	54.341	192784.66	0.0244	P	0.4
5	☐	125.000	135.892	472183.11	0.0611	P	0.0
6	☐	250.000	262.786	884483.21	0.1181	P	0.0
7	☐	500.000	502.889	1663703.10	0.2260	P	0.8
8	☐	1000.000	993.778	3259817.74	0.4465	P	1.6
9	☐			2689.27	0.0004	P	2.3

$$y = 4.4929E-004 * x + 2.3824E-005$$

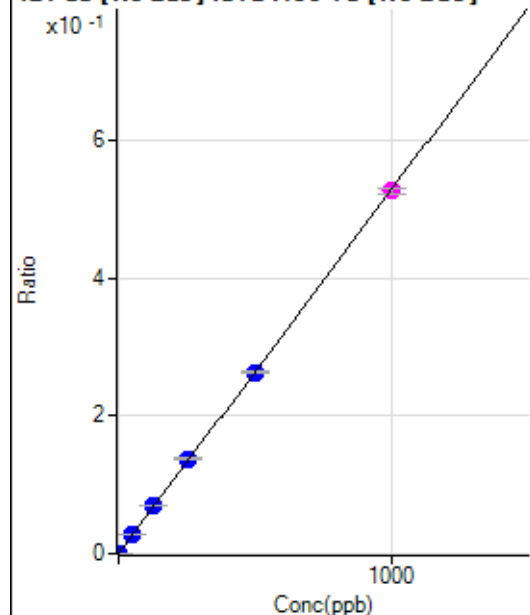
$$R = 0.9999$$

$$DL = 0.02083$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	10.1
2	☐	0.200	0.252	1133.43	0.0001	P	8.6
3	☐	2.000	1.920	8110.98	0.0010	P	5.0
4	☐	50.000	53.536	223093.01	0.0283	P	0.2
5	☐	125.000	134.039	547264.36	0.0708	P	0.5
6	☐	250.000	261.220	1033235.63	0.1380	P	0.3
7	☐	500.000	498.941	1939926.87	0.2635	P	0.4
8	☐	1000.000	996.418	3841584.50	0.5262	M	1.9
9	☐			6190.49	0.0009	P	3.2

$$y = 5.2807\text{E-}004 * x + 1.0211\text{E-}005$$

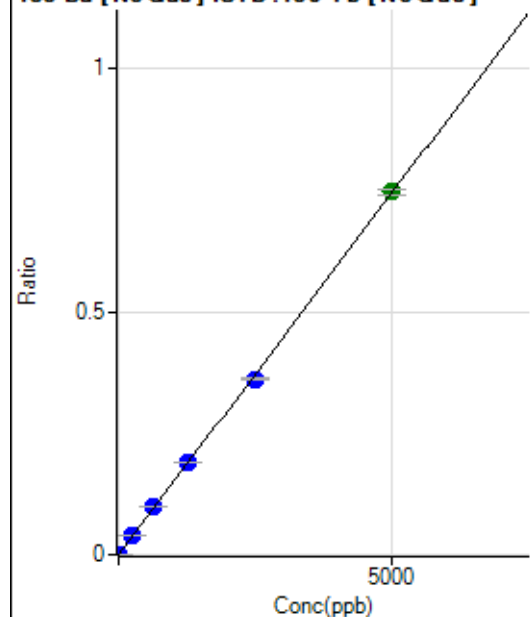
$$R = 0.9999$$

$$DL = 0.005836$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	252.79	0.0000	P	13.7
2	☐	1.000	0.876	1275.11	0.0002	P	12.0
3	☐	10.000	9.914	11922.23	0.0015	P	3.5
4	☐	250.000	262.035	307693.03	0.0390	P	0.5
5	☐	625.000	658.489	757365.85	0.0980	P	0.6
6	☐	1250.000	1274.382	1419885.58	0.1896	P	0.1
7	☐	2500.000	2433.313	2664859.44	0.3619	P	0.4
8	☐	5000.000	5022.461	5454021.00	0.7470	A	1.3
9	☐			1761.31	0.0003	P	6.2

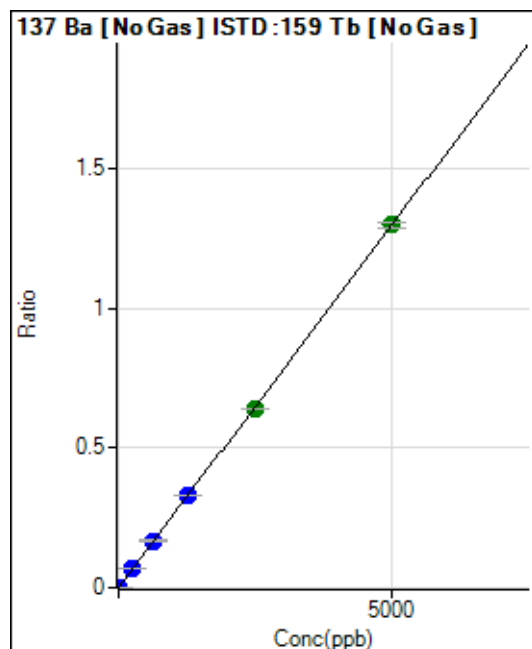
$$y = 1.4873\text{E-}004 * x + 3.0981\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.08561$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.81	0.0001	P	11.7
2	☐	1.000	0.912	2358.64	0.0003	P	2.4
3	☐	10.000	9.702	20426.80	0.0026	P	3.2
4	☐	250.000	260.590	534016.20	0.0677	P	0.8
5	☐	625.000	649.724	1304009.66	0.1687	P	0.7
6	☐	1250.000	1261.993	2453603.05	0.3276	P	0.1
7	☐	2500.000	2470.042	4720293.16	0.6411	A	0.3
8	☐	5000.000	5008.362	9489505.07	1.2999	A	1.9
9	☐			2783.73	0.0004	P	13.2

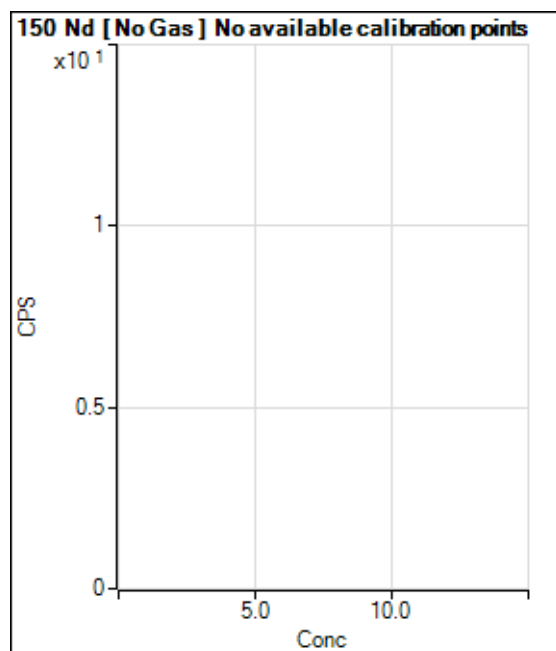
$$y = 2.5953E-004 * x + 6.1607E-005$$

$$R = 1.0000$$

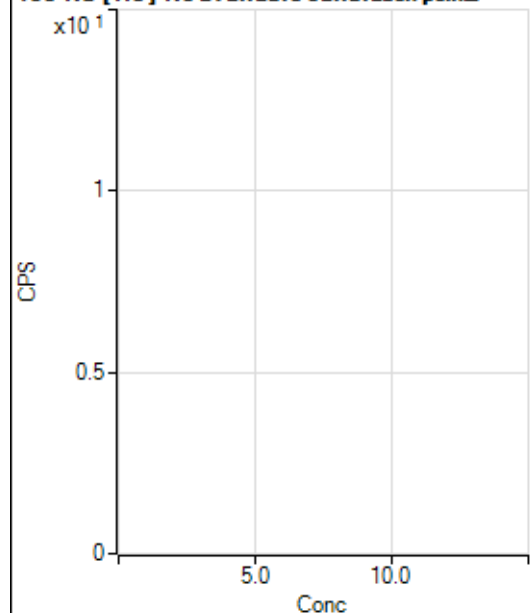
$$DL = 0.08358$$

Weight: <None>

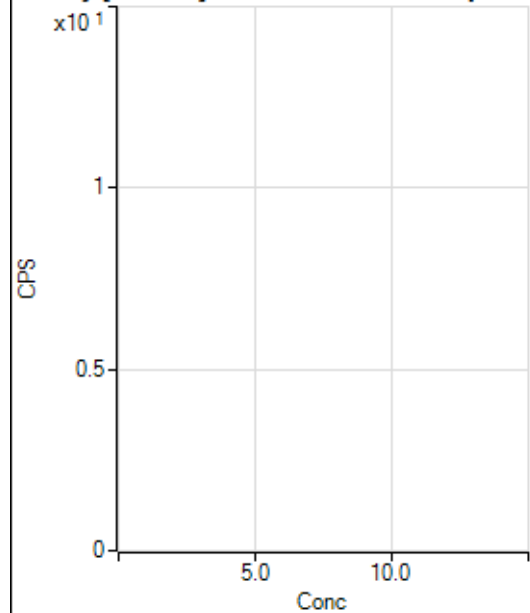
Min Conc: 0



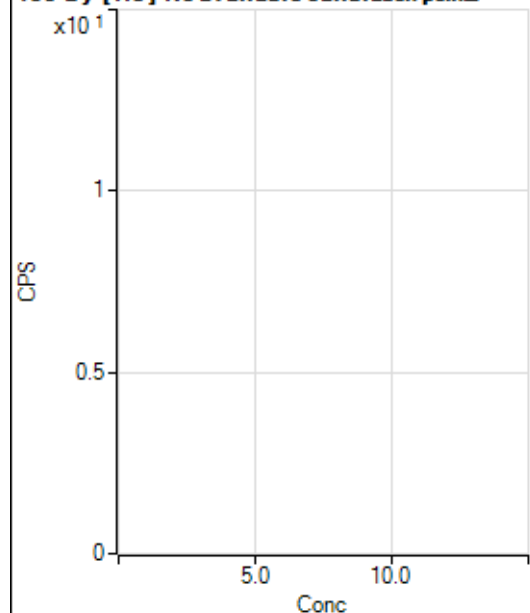
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			0.00		P	
4	☐			26.67		P	25.0
5	☐			75.56		P	13.5
6	☐			153.34		P	19.9
7	☐			266.68		P	15.6
8	☐			555.58		P	1.4
9	☐			97.78		P	7.9

150 Nd [He] No available calibration points

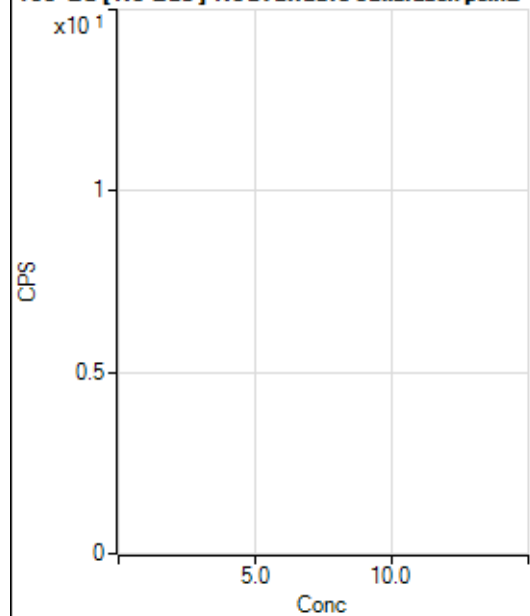
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			1.11		P	173.
4	☐			2.22		P	86.6
5	☐			11.11		P	62.5
6	☐			16.67		P	52.9
7	☐			27.78		P	18.3
8	☐			40.00		P	25.0
9	☐			40.00		P	22.0

156 Dy [No Gas] No available calibration points

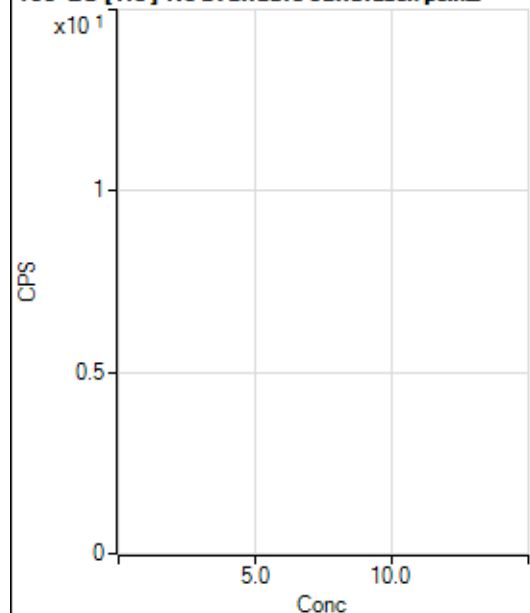
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			16.67		P	50.0
3	☐			22.22		P	78.1
4	☐			19.45		P	24.7
5	☐			38.89		P	44.6
6	☐			27.78		P	75.5
7	☐			52.78		P	32.9
8	☐			88.90		P	10.8
9	☐			41.67		P	60.0

156 Dy [He] No available calibration points

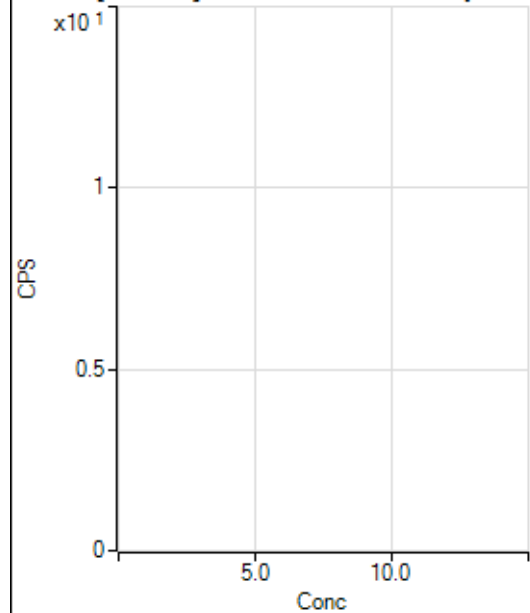
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	120.
2	☐			8.89		P	57.3
3	☐			4.45		P	86.6
4	☐			12.22		P	41.7
5	☐			22.22		P	45.8
6	☐			26.67		P	25.0
7	☐			52.22		P	24.2
8	☐			96.67		P	18.2
9	☐			34.45		P	65.9

160 Gd [No Gas] Noavailable calibration poin_

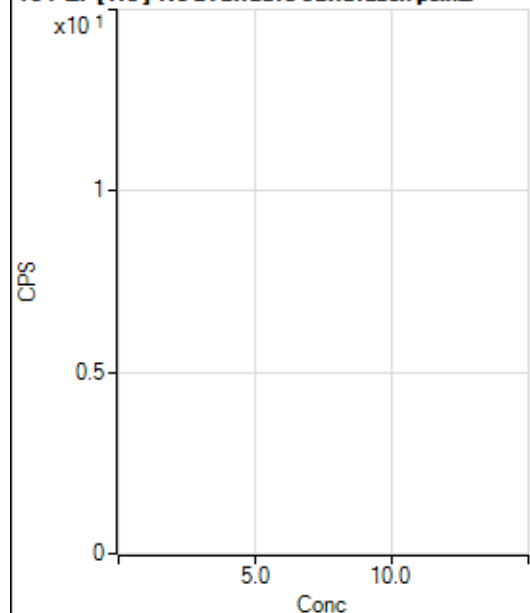
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			25.00		P	66.7
3	☐			25.00		P	33.3
4	☐			19.44		P	49.5
5	☐			22.22		P	21.6
6	☐			30.55		P	68.6
7	☐			58.34		P	62.3
8	☐			41.67		P	34.7
9	☐			55.56		P	67.6

160 Gd [He] No available calibration points

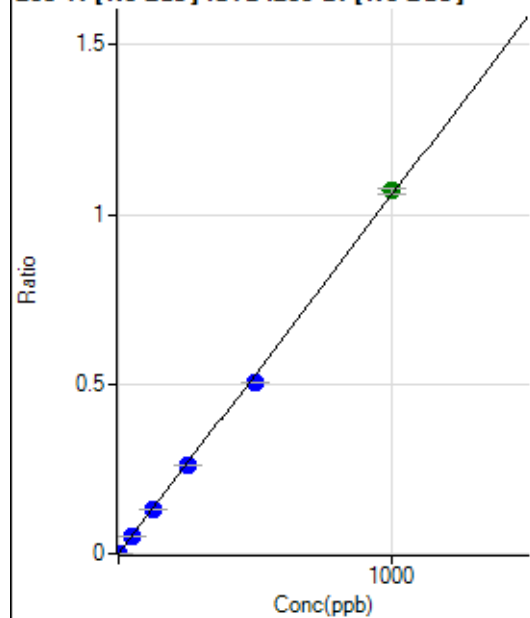
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			128.89		P	18.7
2	☐			104.45		P	11.2
3	☐			113.34		P	19.3
4	☐			120.00		P	4.8
5	☐			117.78		P	9.1
6	☐			107.78		P	14.6
7	☐			111.11		P	18.1
8	☐			125.56		P	24.1
9	☐			111.11		P	13.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐			27.78		P	62.5
3	☐			30.55		P	15.7
4	☐			30.56		P	41.7
5	☐			38.89		P	32.7
6	☐			8.33		P	100.
7	☐			44.45		P	28.7
8	☐			22.22		P	57.3
9	☐			38.89		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			16.67		P	20.0
3	☐			12.22		P	31.5
4	☐			6.67		P	50.0
5	☐			12.22		P	15.7
6	☐			13.33		P	25.0
7	☐			24.44		P	34.3
8	☐			17.78		P	57.3
9	☐			23.34		P	49.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	533.36	0.0001	P	10.7
2	☐	0.100	0.056	830.63	0.0002	P	9.7
3	☐	1.000	0.867	5190.12	0.0010	P	6.9
4	☐	50.000	49.054	263149.99	0.0519	P	1.0
5	☐	125.000	124.421	656904.75	0.1315	P	0.8
6	☐	250.000	246.288	1270918.58	0.2602	P	0.4
7	☐	500.000	477.746	2412668.11	0.5047	P	0.1
8	☐	1000.000	1012.175	5004137.13	1.0692	A	1.7
9	☐			2025.24	0.0005	P	7.6

$$y = 0.0011 * x + 1.0237E-004$$

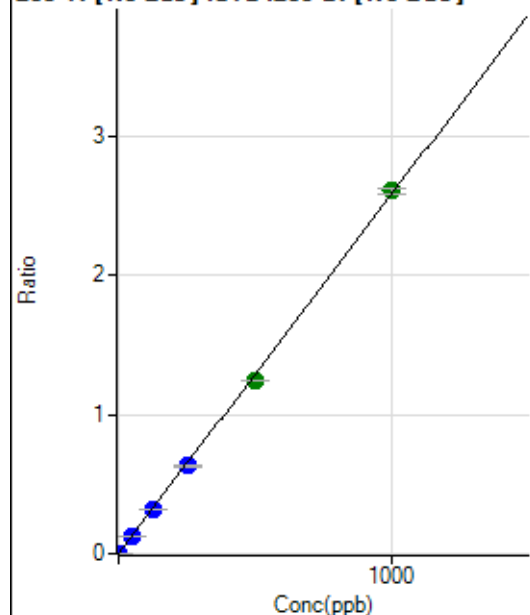
$$R = 0.9996$$

$$DL = 0.0312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1491.82	0.0003	P	6.2
2	☐	0.100	0.037	1961.35	0.0004	P	4.2
3	☐	1.000	0.852	12675.99	0.0025	P	2.1
4	☐	50.000	48.645	638738.49	0.1260	P	0.3
5	☐	125.000	123.918	1601062.29	0.3205	P	0.5
6	☐	250.000	243.859	3079306.71	0.6305	P	0.4
7	☐	500.000	483.803	5978580.08	1.2506	A	0.2
8	☐	1000.000	1009.837	12217127.53	2.6101	A	1.6
9	☐			5237.38	0.0013	P	7.8

$$y = 0.0026 * x + 2.8596E-004$$

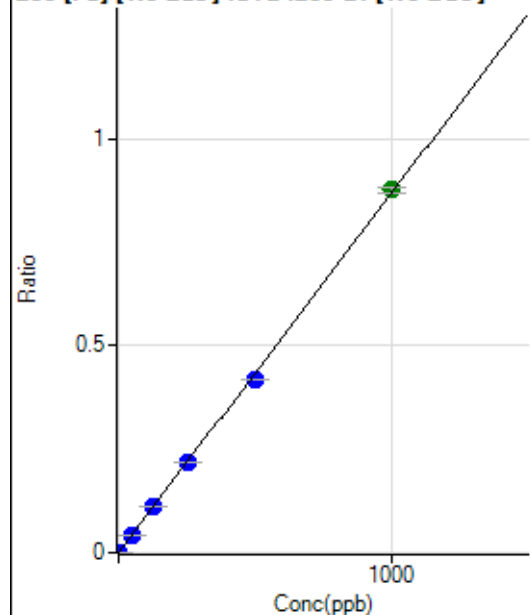
$$R = 0.9998$$

$$DL = 0.02058$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1264.92	0.0002	P	4.2
2	☐	0.100	-0.014	1188.97	0.0002	P	9.9
3	☐	1.000	0.821	4863.97	0.0010	P	3.3
4	☐	50.000	50.286	222392.42	0.0439	P	0.4
5	☐	125.000	126.515	549476.96	0.1100	P	0.8
6	☐	250.000	251.014	1064778.57	0.2180	P	1.0
7	☐	500.000	481.024	1996242.97	0.4176	P	0.5
8	☐	1000.000	1009.031	4098641.76	0.8757	A	1.7
9	☐			6983.56	0.0017	P	0.8

$$y = 8.6761E-004 * x + 2.4259E-004$$

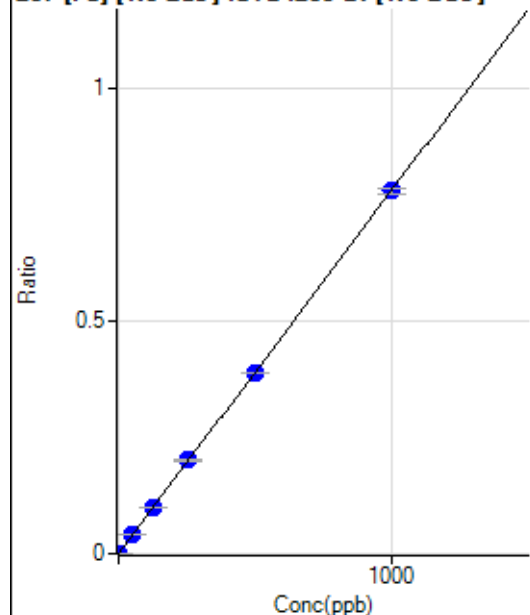
$$R = 0.9998$$

$$DL = 0.03547$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1198.24	0.0002	P	6.1
2	☐	0.100	-0.040	1022.29	0.0002	P	6.0
3	☐	1.000	0.797	4334.15	0.0009	P	1.0
4	☐	50.000	51.425	204270.84	0.0403	P	1.2
5	☐	125.000	128.814	502442.44	0.1006	P	0.1
6	☐	250.000	256.919	978714.57	0.2004	P	0.5
7	☐	500.000	496.922	1851919.08	0.3874	P	0.2
8	☐	1000.000	999.262	3645258.70	0.7788	P	1.4
9	☐			6170.12	0.0015	P	3.4

$$y = 7.7913\text{E-}004 * x + 2.2990\text{E-}004$$

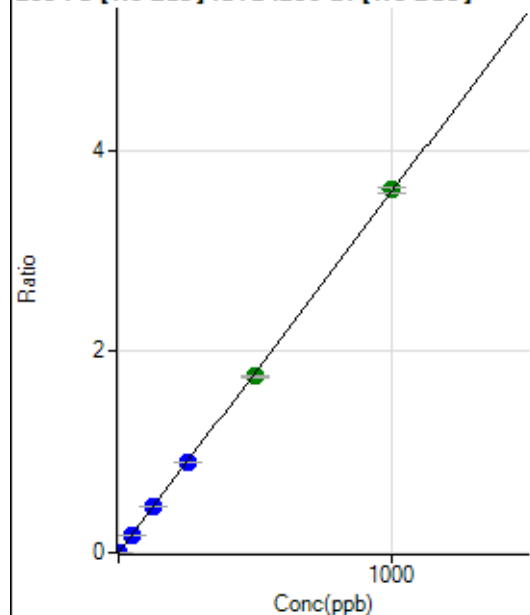
$$R = 1.0000$$

$$DL = 0.0537$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5280.20	0.0010	P	3.5
2	☐	0.100	-0.026	4743.06	0.0009	P	1.8
3	☐	1.000	0.802	19808.24	0.0039	P	0.7
4	☐	50.000	49.998	913257.38	0.1802	P	0.5
5	☐	125.000	125.764	2255869.35	0.4516	P	0.1
6	☐	250.000	248.843	4359501.76	0.8926	P	0.3
7	☐	500.000	488.284	8368596.47	1.7506	A	0.5
8	☐	1000.000	1006.052	16877619.18	3.6058	A	1.5
9	☐			28401.67	0.0069	P	1.7

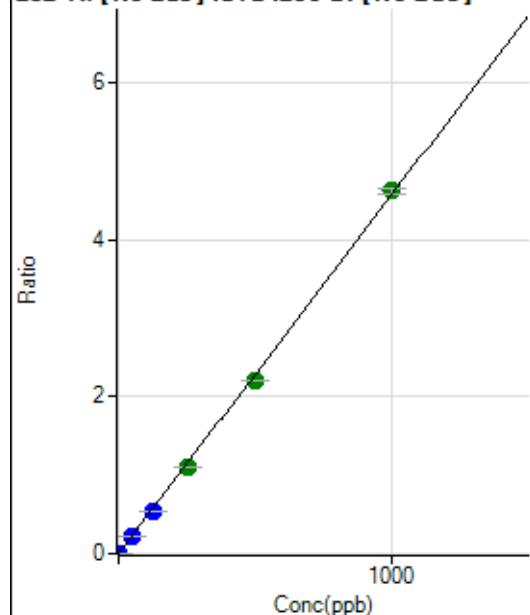
$$y = 0.0036 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.02942$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.08	0.0000	P	18.9
2	☐	0.100	0.100	2572.54	0.0005	P	3.1
3	☐	1.000	0.830	19535.37	0.0038	P	0.9
4	☐	50.000	45.872	1062584.00	0.2096	P	0.2
5	☐	125.000	117.702	2686147.31	0.5378	P	0.3
6	☐	250.000	241.672	5392536.87	1.1042	A	0.6
7	☐	500.000	483.156	10552414.47	2.2074	A	0.4
8	☐	1000.000	1011.623	21633186.83	4.6218	A	1.4
9	☐			7307.82	0.0018	P	6.9

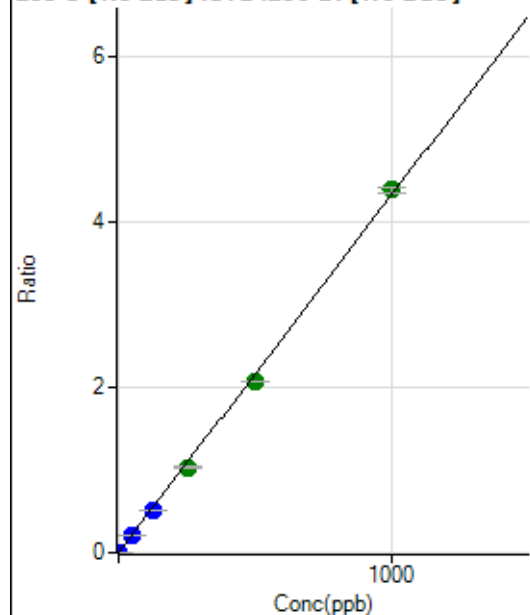
$$y = 0.0046 * x + 4.3031E-005$$

$$R = 0.9998$$

$$DL = 0.005347$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4506.55	0.0009	P	0.8
2	☐	0.100	-0.022	3973.01	0.0008	P	1.0
3	☐	1.000	0.760	21140.03	0.0041	P	1.8
4	☐	50.000	45.930	1010644.49	0.1994	P	0.1
5	☐	125.000	117.964	2550849.34	0.5107	P	0.7
6	☐	250.000	238.998	5048852.24	1.0338	A	0.6
7	☐	500.000	478.911	9898932.08	2.0707	A	0.1
8	☐	1000.000	1014.378	20524329.80	4.3850	A	1.5
9	☐			4948.42	0.0012	P	6.2

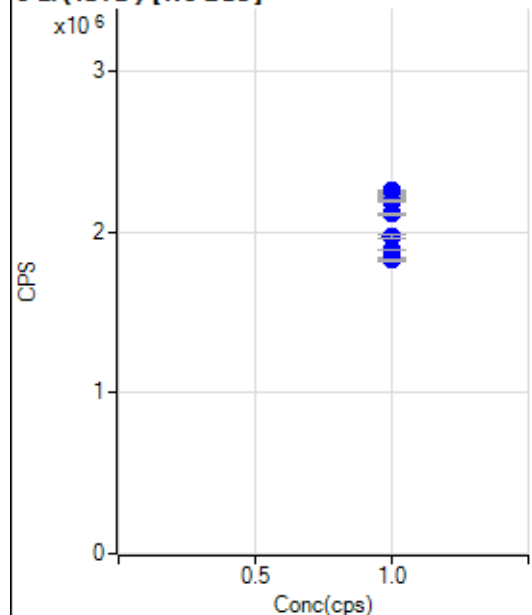
$$y = 0.0043 * x + 8.6424E-004$$

$$R = 0.9996$$

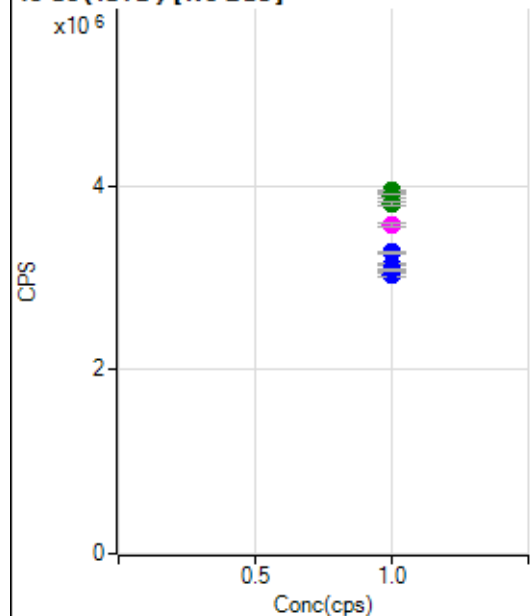
$$DL = 0.004792$$

Weight: <None>

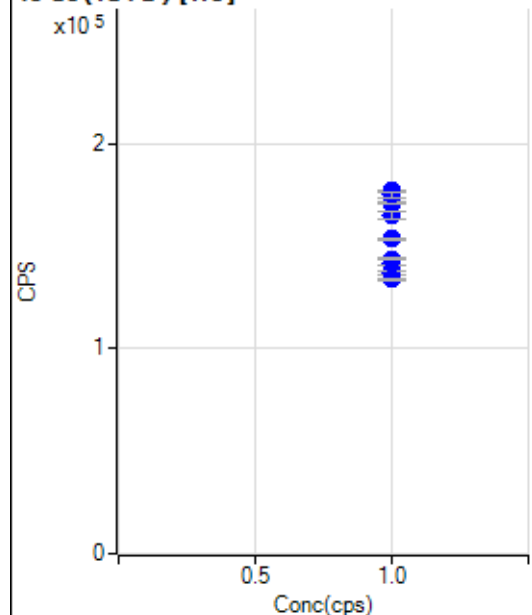
Min Conc: 0

6 Li (ISTD) [No Gas]

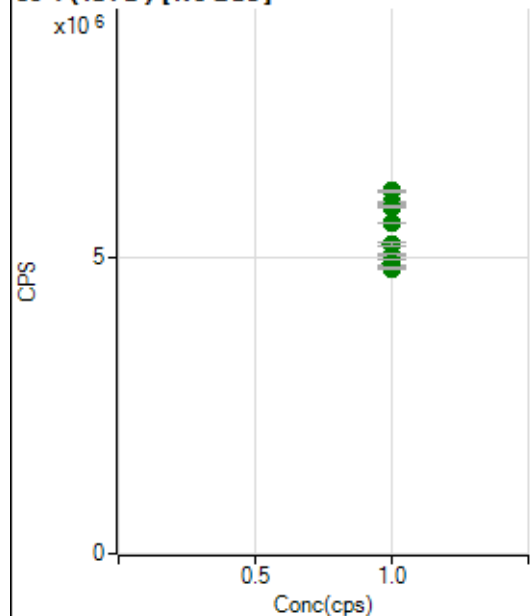
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2254721.62		P	0.7
2	☐	1.000		2236932.19		P	0.5
3	☐	1.000		2219062.31		P	0.5
4	☐	1.000		2192547.52		P	0.4
5	☐	1.000		2113689.88		P	0.6
6	☐	1.000		1971440.85		P	0.8
7	☐	1.000		1885921.88		P	0.4
8	☐	1.000		1828046.67		P	1.2
9	☐	1.000		1822952.06		P	1.1

45 Sc (ISTD) [No Gas]

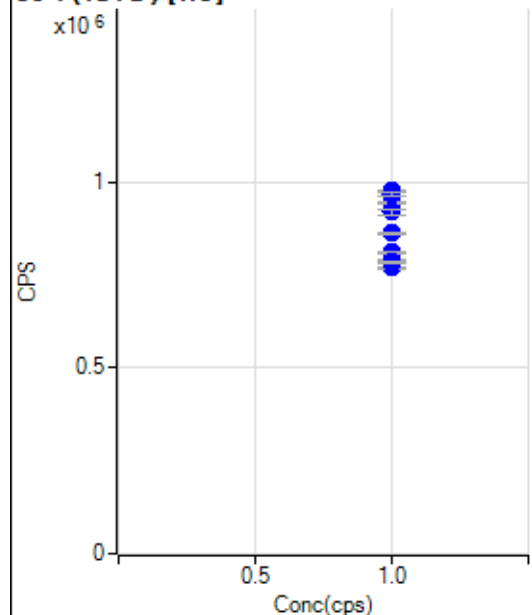
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3948246.79		A	0.7
2	☐	1.000		3829027.78		A	0.5
3	☐	1.000		3891431.68		A	0.6
4	☐	1.000		3805544.18		A	1.1
5	☐	1.000		3584137.45		M	1.1
6	☐	1.000		3275980.80		P	0.9
7	☐	1.000		3140619.28		P	0.6
8	☐	1.000		3035664.19		P	1.9
9	☐	1.000		3090775.63		P	0.6

45 Sc (ISTD) [He]

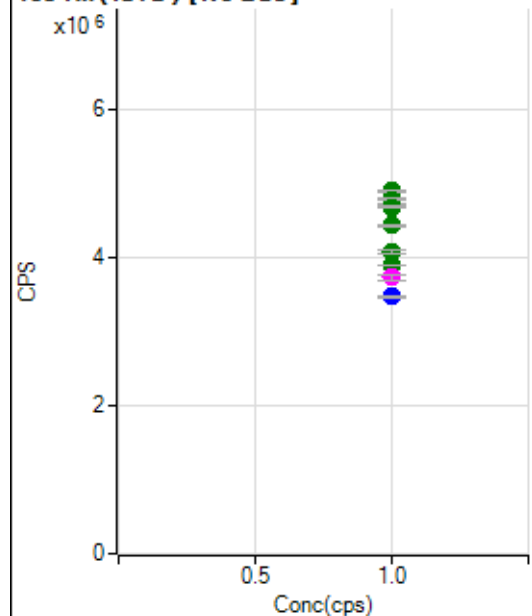
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		176876.08		P	0.5
2	☐	1.000		171003.48		P	0.4
3	☐	1.000		175023.25		P	1.3
4	☐	1.000		165135.13		P	2.3
5	☐	1.000		153590.76		P	0.6
6	☐	1.000		141904.00		P	1.5
7	☐	1.000		136964.67		P	1.5
8	☐	1.000		133708.74		P	0.7
9	☐	1.000		143625.78		P	0.5

89 Y (ISTD) [No Gas]

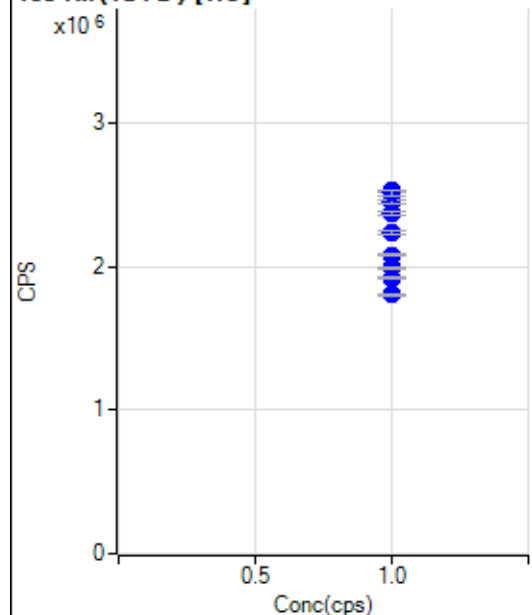
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6116240.32		A	0.7
2	☐	1.000		5871687.69		A	0.5
3	☐	1.000		5930708.04		A	0.4
4	☐	1.000		5851406.09		A	0.6
5	☐	1.000		5568942.76		A	0.3
6	☐	1.000		5211063.43		A	0.9
7	☐	1.000		5038440.13		A	0.2
8	☐	1.000		4908856.25		A	1.8
9	☐	1.000		4813574.27		A	0.5

89 Y (ISTD) [He]

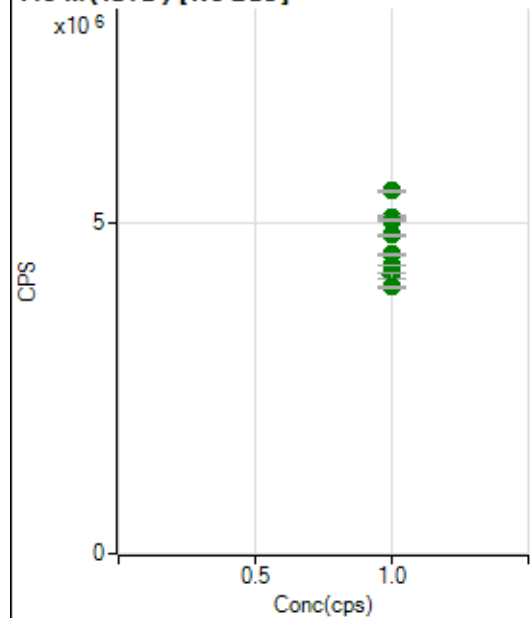
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		975277.95		P	0.3
2	☐	1.000		942875.63		P	0.5
3	☐	1.000		967393.80		P	1.3
4	☐	1.000		918573.53		P	2.0
5	☐	1.000		861540.85		P	0.9
6	☐	1.000		810000.29		P	0.4
7	☐	1.000		785537.77		P	0.9
8	☐	1.000		768676.32		P	0.4
9	☐	1.000		782646.85		P	1.0

103 Rh (ISTD) [No Gas]

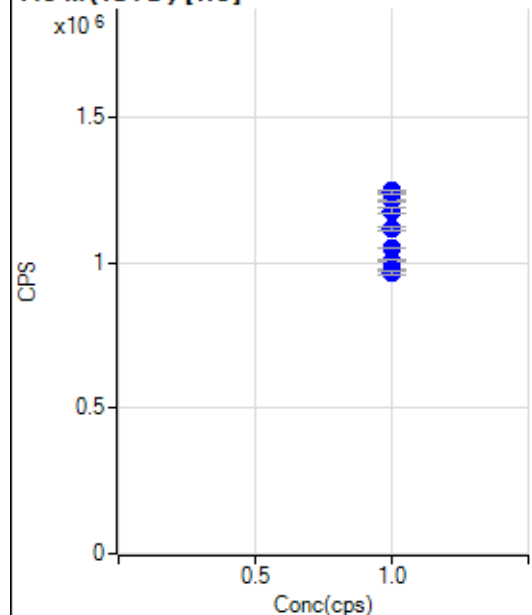
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4890263.26		A	0.4
2	☐	1.000		4711183.57		A	0.1
3	☐	1.000		4776089.95		A	0.3
4	☐	1.000		4678146.55		A	0.5
5	☐	1.000		4421766.33		A	0.7
6	☐	1.000		4067291.10		A	0.9
7	☐	1.000		3886742.36		A	0.4
8	☐	1.000		3721152.60		M	2.0
9	☐	1.000		3460994.22		P	0.9

103 Rh (ISTD) [He]

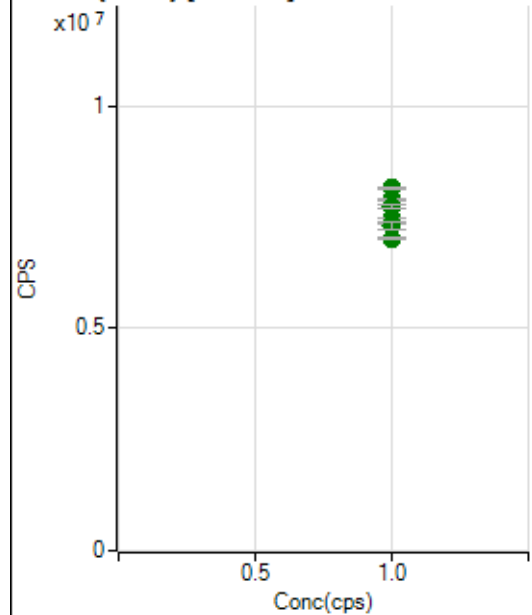
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2531059.46		P	0.3
2	☐	1.000		2456422.60		P	0.8
3	☐	1.000		2516046.39		P	1.4
4	☐	1.000		2374175.52		P	1.6
5	☐	1.000		2237628.87		P	0.9
6	☐	1.000		2085184.01		P	0.6
7	☐	1.000		1994297.66		P	1.1
8	☐	1.000		1923984.76		P	0.5
9	☐	1.000		1804935.96		P	0.5

115 In (ISTD) [No Gas]

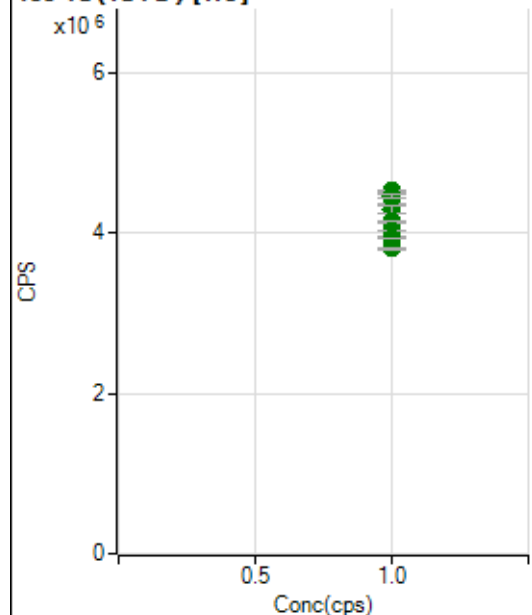
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5473935.66		A	0.7
2	☐	1.000		5048392.17		A	0.4
3	☐	1.000		5087456.55		A	0.6
4	☐	1.000		5033328.10		A	0.3
5	☐	1.000		4802386.64		A	0.8
6	☐	1.000		4522389.48		A	0.5
7	☐	1.000		4355174.62		A	0.4
8	☐	1.000		4196529.22		A	2.0
9	☐	1.000		4020202.01		A	0.6

115 In (ISTD) [He]

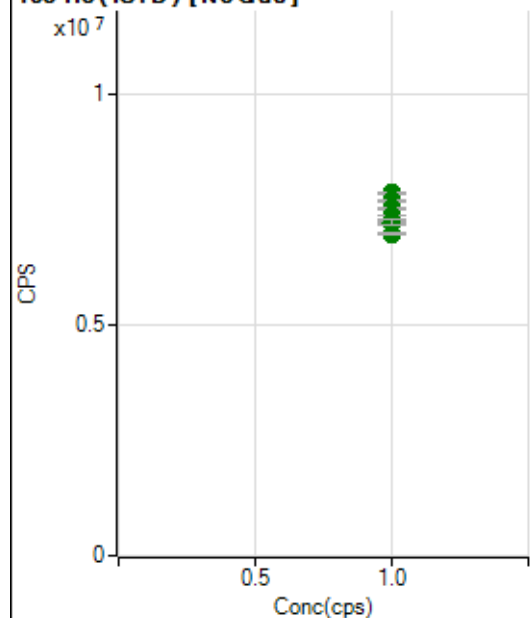
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1246510.87		P	0.2
2	☐	1.000		1214158.11		P	0.6
3	☐	1.000		1244250.66		P	1.2
4	☐	1.000		1178912.89		P	1.3
5	☐	1.000		1117355.10		P	1.0
6	☐	1.000		1051232.13		P	0.3
7	☐	1.000		1007319.93		P	1.1
8	☐	1.000		974866.73		P	1.1
9	☐	1.000		964641.35		P	0.9

159 Tb (ISTD) [No Gas]

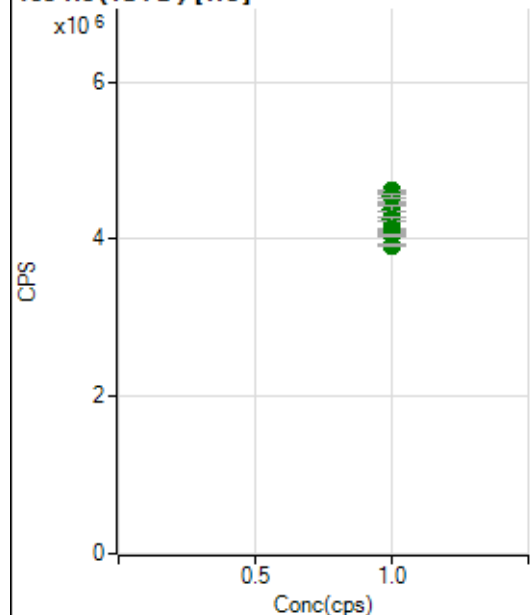
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8162382.65		A	0.5
2	☐	1.000		7906738.35		A	0.2
3	☐	1.000		7918643.56		A	0.3
4	☐	1.000		7888532.73		A	0.6
5	☐	1.000		7730739.89		A	1.1
6	☐	1.000		7489864.75		A	0.4
7	☐	1.000		7362605.79		A	0.1
8	☐	1.000		7302155.86		A	2.1
9	☐	1.000		7028771.01		A	0.5

159 Tb (ISTD) [He]

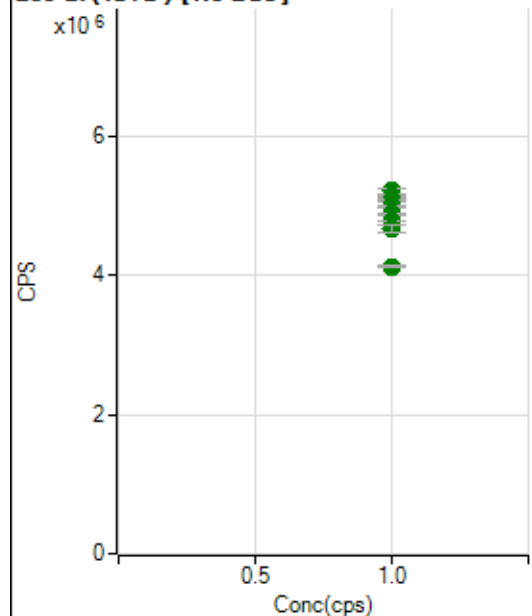
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4528415.97		A	0.2
2	☐	1.000		4364767.51		A	0.2
3	☐	1.000		4460359.83		A	1.2
4	☐	1.000		4293855.67		A	2.3
5	☐	1.000		4143211.50		A	0.6
6	☐	1.000		4027114.28		A	0.2
7	☐	1.000		3947102.93		A	0.9
8	☐	1.000		3938399.60		A	0.1
9	☐	1.000		3808631.47		A	0.5

165 Ho (ISTD) [No Gas]

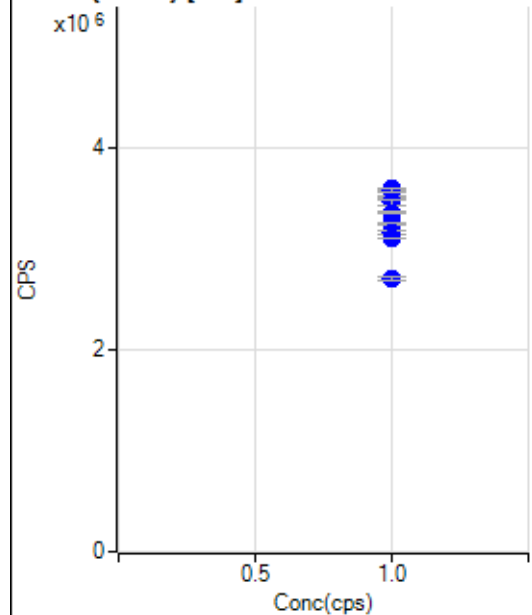
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7870592.10		A	0.8
2	☐	1.000		7709016.40		A	0.5
3	☐	1.000		7713126.91		A	0.4
4	☐	1.000		7716901.56		A	0.6
5	☐	1.000		7533543.05		A	0.6
6	☐	1.000		7382755.72		A	0.3
7	☐	1.000		7253542.26		A	0.5
8	☐	1.000		7235312.06		A	1.6
9	☐	1.000		6974301.63		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4613303.82		A	0.6
2	☐	1.000		4466667.82		A	0.2
3	☐	1.000		4549167.61		A	0.9
4	☐	1.000		4389107.85		A	2.0
5	☐	1.000		4256971.43		A	0.9
6	☐	1.000		4129828.93		A	0.5
7	☐	1.000		4075800.04		A	0.8
8	☐	1.000		4053994.56		A	0.4
9	☐	1.000		3916882.69		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5214717.04		A	1.3
2	☐	1.000		5151764.71		A	0.6
3	☐	1.000		5095825.90		A	0.4
4	☐	1.000		5069152.53		A	0.4
5	☐	1.000		4994836.35		A	0.3
6	☐	1.000		4883866.32		A	0.7
7	☐	1.000		4780456.84		A	0.4
8	☐	1.000		4681679.38		A	2.3
9	☐	1.000		4126405.84		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3602124.91		P	0.5
2	☐	1.000		3531263.98		P	0.5
3	☐	1.000		3586248.03		P	1.1
4	☐	1.000		3467741.23		P	1.8
5	☐	1.000		3368669.53		P	0.5
6	☐	1.000		3263912.10		P	0.6
7	☐	1.000		3174565.65		P	1.1
8	☐	1.000		3114772.73		P	0.2
9	☐	1.000		2712180.07		P	0.9