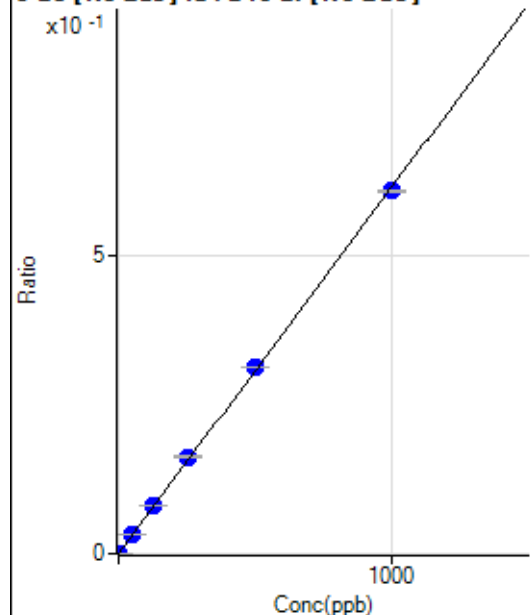


Batch Folder: D:\ICP-MS Data\P7063019MS.b\
Analysis File: P7063019MS.batch.bin
DA Date-Time: 2019-06-30 12:44:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-06-30 13:04:30
2	005CALS.d	S01	2019-06-30 13:08:05
3	006CALS.d	S02	2019-06-30 13:12:05
4	007CALS.d	S03	2019-06-30 13:16:01
5	008CALS.d	S04	2019-06-30 13:19:58
6	009CALS.d	S05	2019-06-30 13:23:55
7	010CALS.d	S06	2019-06-30 13:27:49
8	011CALS.d	S07	2019-06-30 13:31:41
9	012CALS.d	S08	2019-06-30 13:35:32

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	20.7
2	☒	0.100		124.45	0.0001	P	13.6
3	☐	1.000	1.042	854.48	0.0007	P	3.5
4	☐	50.000	53.969	40966.33	0.0332	P	0.2
5	☐	125.000	132.428	93263.57	0.0813	P	0.6
6	☐	250.000	264.263	174980.34	0.1622	P	0.8
7	☐	500.000	508.934	333502.11	0.3124	P	0.1
8	☐	1000.000	990.840	628024.04	0.6081	P	0.3
9	☐			136.67	0.0001	P	11.7

$$y = 6.1370\text{E-}004 * x + 3.0796\text{E-}005$$

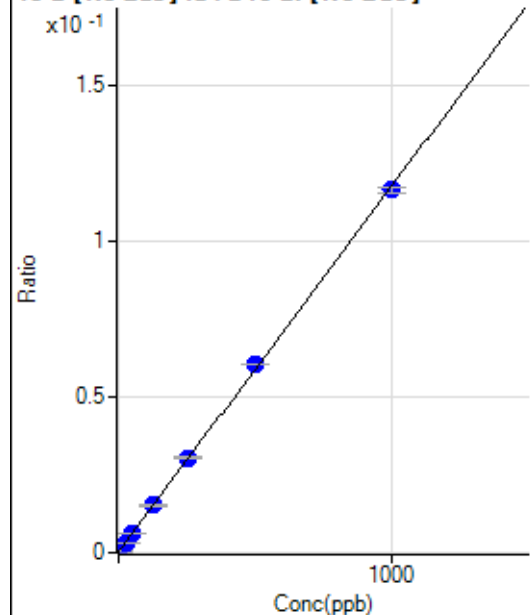
$$R = 0.9998$$

$$DL = 0.03109$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.90	0.0002	P	5.9
2	☒	2.500		638.93	0.0005	P	10.5
3	☐	25.000	24.085	3911.75	0.0031	P	4.3
4	☐	50.000	51.991	7830.12	0.0063	P	3.8
5	☐	125.000	127.921	17466.17	0.0152	P	2.3
6	☐	250.000	257.012	32733.68	0.0303	P	2.0
7	☐	500.000	514.604	64599.82	0.0605	P	0.5
8	☐	1000.000	990.503	120028.10	0.1162	P	1.6
9	☐			5320.57	0.0054	P	3.6

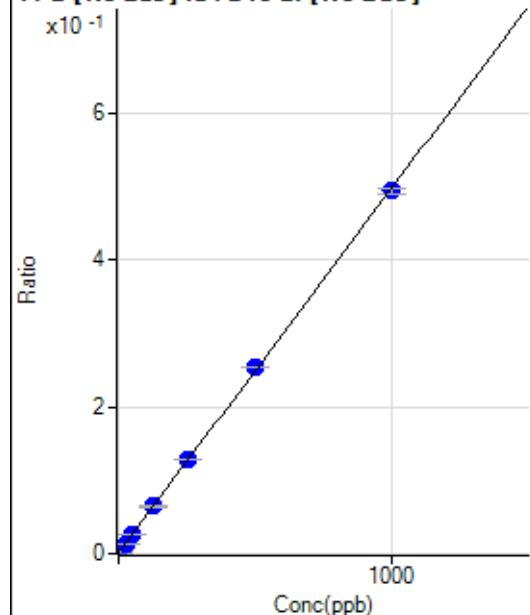
$$y = 1.1709\text{E-}004 * x + 2.4879\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3774$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1469.58	0.0012	P	2.7
2	☒	2.500		2836.48	0.0022	P	4.0
3	☐	25.000	23.805	16517.95	0.0130	P	0.2
4	☐	50.000	50.788	32530.30	0.0263	P	1.5
5	☐	125.000	127.029	73520.79	0.0641	P	1.5
6	☐	250.000	258.147	139207.49	0.1291	P	0.3
7	☐	500.000	508.568	270240.63	0.2531	P	0.6
8	☐	1000.000	993.416	509418.26	0.4933	P	1.8
9	☐			22219.88	0.0227	P	10.4

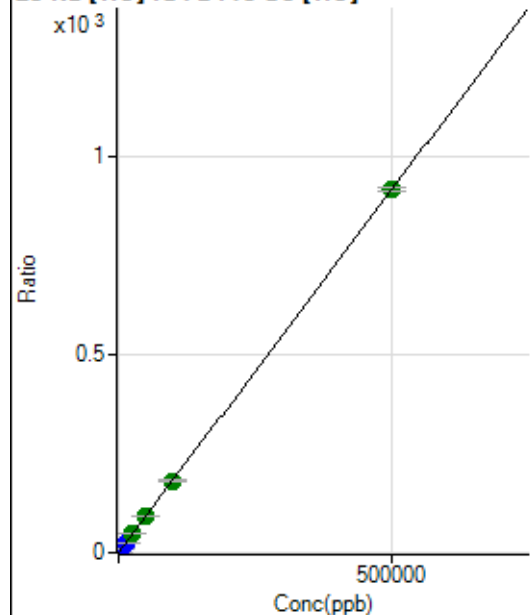
$$y = 4.9540\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.1938$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1658.50	0.0235	P	1.4
2	☒	50.000		8505.50	0.1205	P	2.2
3	☐	500.000	497.776	66174.42	0.9337	P	2.1
4	☐	5000.000	5183.398	639467.29	9.5021	P	0.1
5	☐	12500.000	12849.954	1444964.56	23.5216	P	0.8
6	☐	25000.000	25536.249	2776785.28	46.7205	A	0.6
7	☐	50000.000	50748.812	5358357.45	92.8257	A	0.6
8	☐	100000.00	99089.467	10161747.9	181.2243	A	1.1
9	☐	500000.00	500069.83	49285491.3	914.4806	A	1.2

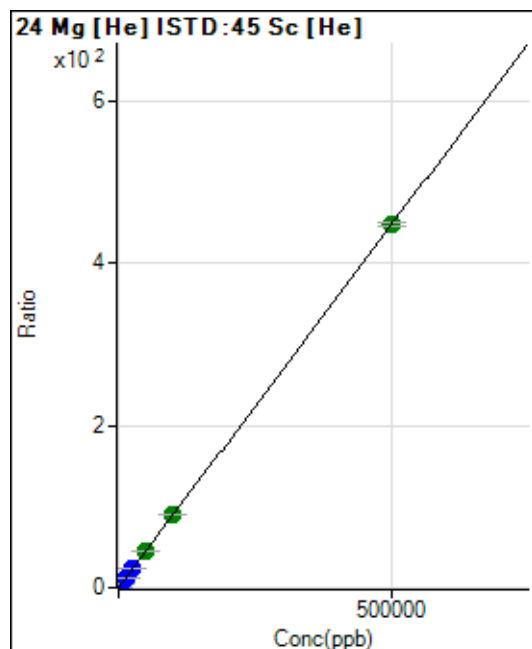
$$y = 0.0018 * x + 0.0235$$

$$R = 1.0000$$

$$DL = 0.5579$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0013	P	9.5
2	☒	50.000		3508.89	0.0497	P	4.4
3	☐	500.000	541.453	34459.95	0.4863	P	2.0
4	☐	5000.000	5324.712	321058.65	4.7708	P	0.8
5	☐	12500.000	13271.247	730337.04	11.8887	P	0.8
6	☐	25000.000	25954.265	1381738.98	23.2491	P	1.1
7	☐	50000.000	51212.029	2648011.71	45.8731	A	0.7
8	☐	100000.00	100303.18	5037745.90	89.8452	A	1.4
9	☐	500000.00	499747.87	24125180.7	447.6374	A	1.2

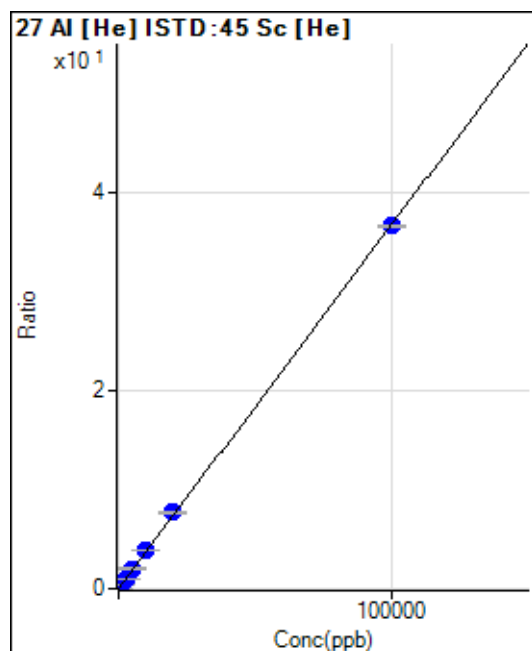
$$y = 8.9572\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.4111$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0004	P	16.7
2	☒	2.000		72.22	0.0010	P	28.0
3	☐	20.000	21.795	594.48	0.0084	P	8.6
4	☐	1000.000	1103.732	27278.43	0.4053	P	1.8
5	☐	2500.000	2732.963	61616.16	1.0030	P	1.6
6	☐	5000.000	5535.868	120731.09	2.0314	P	1.3
7	☐	10000.000	10602.359	224555.74	3.8901	P	0.7
8	☐	20000.000	20920.453	430400.02	7.6755	P	0.8
9	☐	100000.00	99722.018	1971869.44	36.5857	P	0.8

$$y = 3.6687\text{E-}004 * x + 3.9262\text{E-}004$$

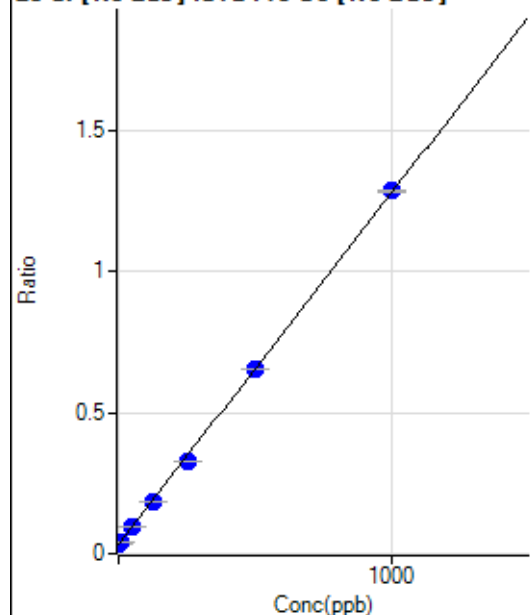
$$R = 0.9999$$

$$DL = 0.536$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53953.72	0.0329	P	0.6
2	☒	1.000		53273.39	0.0323	P	1.4
3	☐	10.000	7.358	68828.23	0.0421	P	2.0
4	☐	50.000	48.368	148244.64	0.0932	P	1.5
5	☐	125.000	122.318	274148.68	0.1853	P	0.7
6	☐	250.000	236.060	448788.69	0.3271	P	0.7
7	☐	500.000	496.670	885568.16	0.6518	P	0.2
8	☐	1000.000	1005.593	1692737.88	1.2861	P	0.3
9	☐			65502.28	0.0537	P	4.3

$$y = 0.0012 * x + 0.0329$$

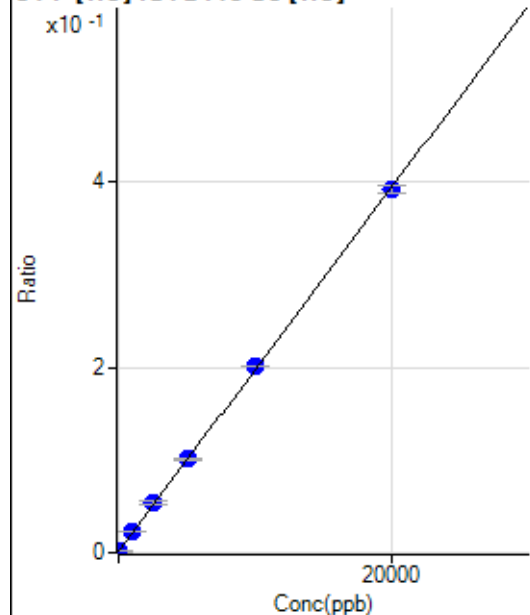
$$R = 0.9999$$

$$DL = 0.4896$$

Weight: <None>

Min Conc: 0

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



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-36.011	47.22	0.0007	P	66.2
2	☒	0.000		66.67	0.0009	P	58.6
3	☐	0.000	36.011	147.23	0.0021	P	18.2
4	☐	1000.000	1109.994	1558.47	0.0232	P	3.2
5	☐	2500.000	2688.489	3325.51	0.0541	P	4.7
6	☐	5000.000	5075.102	6001.44	0.1010	P	2.9
7	☐	10000.000	10160.979	11590.97	0.2008	P	0.3
8	☐	20000.000	19871.674	21947.41	0.3914	P	2.1
9	☐			33.34	0.0006	P	67.8

$$y = 1.9626E-005 * x + 0.0014$$

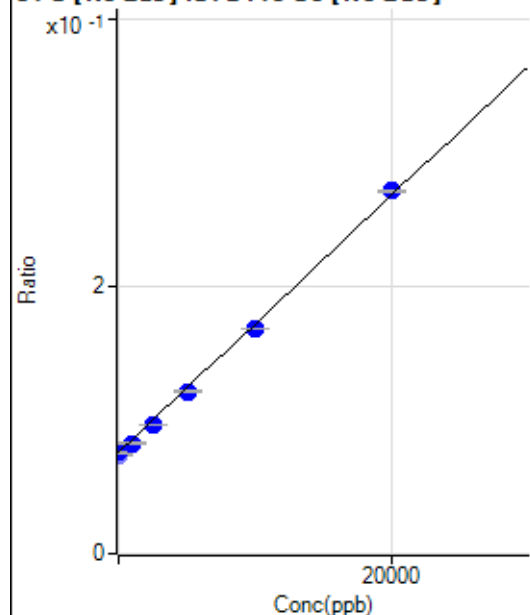
$$R = 0.9999$$

$$DL = 62.63$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	8.883	124756.91	0.0761	P	1.7
2	☒	0.000		122222.46	0.0740	P	0.2
3	☐	0.000	-8.883	124211.42	0.0759	P	1.7
4	☐	1000.000	710.431	131853.91	0.0829	P	0.4
5	☐	2500.000	2118.515	142665.45	0.0964	P	0.5
6	☐	5000.000	4747.061	167101.45	0.1218	P	1.3
7	☐	10000.000	9615.680	229241.45	0.1687	P	0.2
8	☐	20000.000	20317.559	357942.02	0.2719	P	0.4
9	☐			92393.98	0.0757	P	1.1

$$y = 9.6436\text{E-}006 * x + 0.0760$$

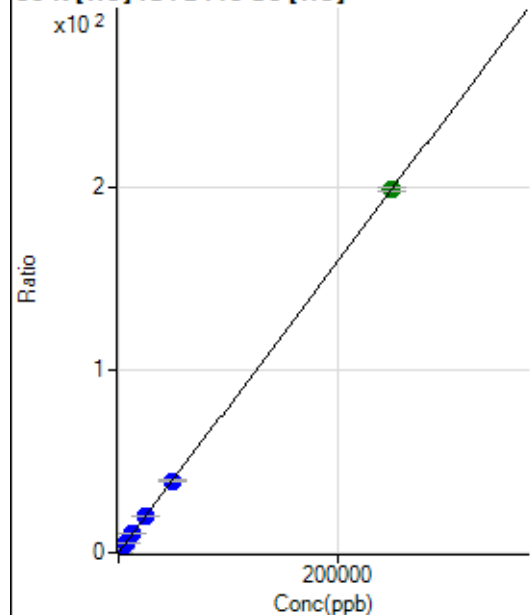
$$R = 0.9995$$

$$DL = 401.6$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3745.06	0.0530	P	4.6
2	☒	50.000		6662.88	0.0944	P	3.5
3	☐	500.000	506.968	32285.94	0.4556	P	1.2
4	☐	2500.000	2675.731	146575.59	2.1780	P	0.6
5	☐	6250.000	6601.519	325317.88	5.2957	P	1.2
6	☐	12500.000	13106.031	621765.40	10.4615	P	0.7
7	☐	25000.000	25719.060	1182129.68	20.4785	P	0.4
8	☐	50000.000	49584.912	2211071.54	39.4322	P	1.1
9	☐	250000.00	249970.25	10702349.1	198.5737	A	0.9

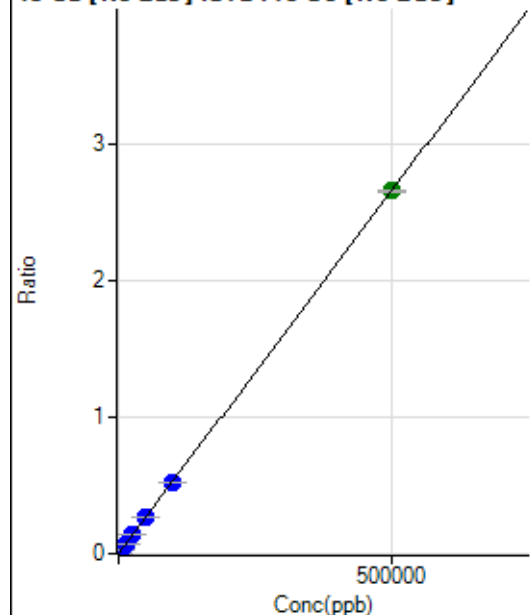
$$y = 7.9418\text{E-}004 * x + 0.0530$$

$$R = 1.0000$$

$$DL = 9.223$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.23	0.0000	P	39.8
2	☒	50.000		519.48	0.0003	P	8.6
3	☐	500.000	482.051	4245.23	0.0026	P	5.1
4	☐	5000.000	5054.781	42865.96	0.0269	P	0.7
5	☐	12500.000	12636.594	99558.19	0.0673	P	1.0
6	☐	25000.000	25569.790	186813.83	0.1361	P	0.4
7	☐	50000.000	50116.465	362480.35	0.2668	P	0.6
8	☐	100000.00	99218.666	695245.15	0.5282	P	0.0
9	☐	500000.00	500112.18	3248244.80	2.6623	A	0.6

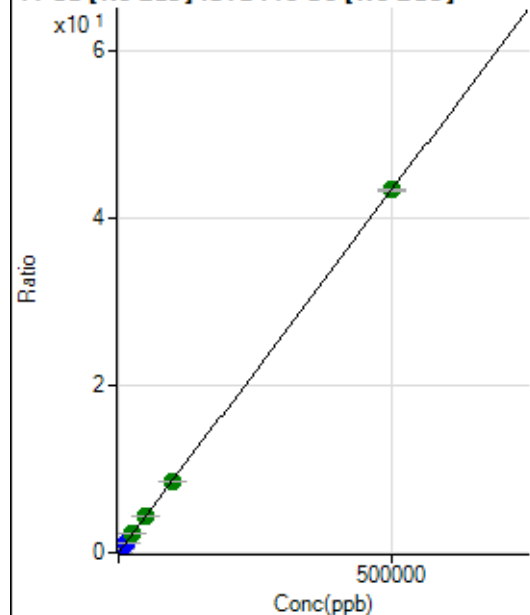
$$y = 5.3233\text{E-}006 * x + 2.8692\text{E-}005$$

$$R = 1.0000$$

$$DL = 6.439$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1769.62	0.0011	P	4.4
2	☒	50.000		8783.52	0.0053	P	2.3
3	☐	500.000	493.488	71663.09	0.0438	P	1.4
4	☐	5000.000	4984.723	688411.99	0.4326	P	0.6
5	☐	12500.000	12327.430	1580415.58	1.0683	P	0.2
6	☐	25000.000	25289.976	3005789.80	2.1906	A	0.1
7	☐	50000.000	49388.476	5810398.74	4.2769	A	0.1
8	☐	100000.00	98147.363	11185608.9	8.4982	A	0.3
9	☐	500000.00	500421.65	52858333.8	43.3252	A	0.3

$$y = 8.6575\text{E-}005 * x + 0.0011$$

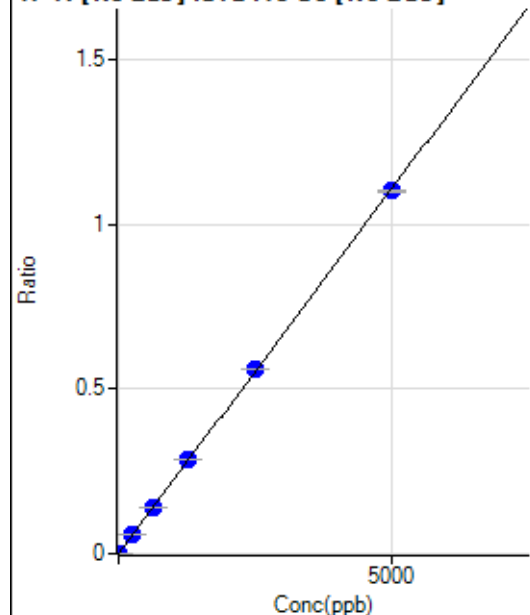
$$R = 1.0000$$

$$DL = 1.657$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	36.6
2	☒	0.500		216.68	0.0001	P	17.2
3	☐	5.000	5.188	1916.87	0.0012	P	4.6
4	☐	250.000	258.916	91323.64	0.0574	P	1.4
5	☐	625.000	641.046	210150.50	0.1421	P	0.4
6	☐	1250.000	1291.355	392644.43	0.2861	P	0.5
7	☐	2500.000	2523.934	759775.33	0.5593	P	0.2
8	☐	5000.000	4975.243	1450994.50	1.1024	P	0.4
9	☐			494.47	0.0004	P	6.1

$$y = 2.2157\text{E-}004 * x + 2.2079\text{E-}005$$

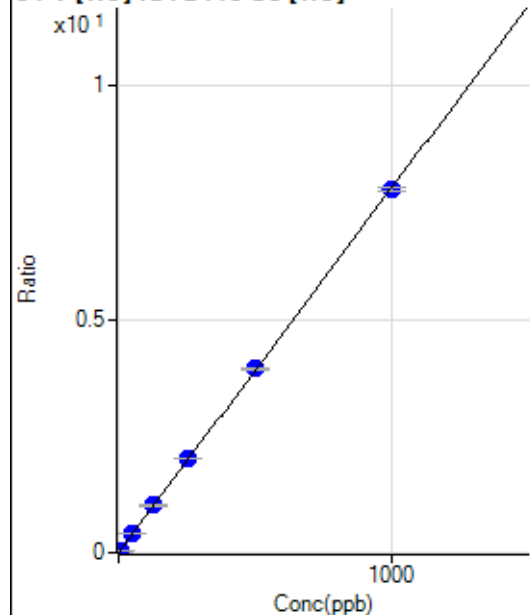
$$R = 0.9999$$

$$DL = 0.1094$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☒	0.500		278.89	0.0040	P	3.8
3	☐	5.000	5.320	2945.90	0.0416	P	1.8
4	☐	50.000	52.236	27469.04	0.4082	P	0.8
5	☐	125.000	129.549	62182.48	1.0123	P	1.5
6	☐	250.000	256.813	119264.70	2.0067	P	0.7
7	☐	500.000	504.781	227676.38	3.9442	P	1.0
8	☐	1000.000	995.224	436039.92	7.7764	P	1.2
9	☐			66.67	0.0012	P	13.2

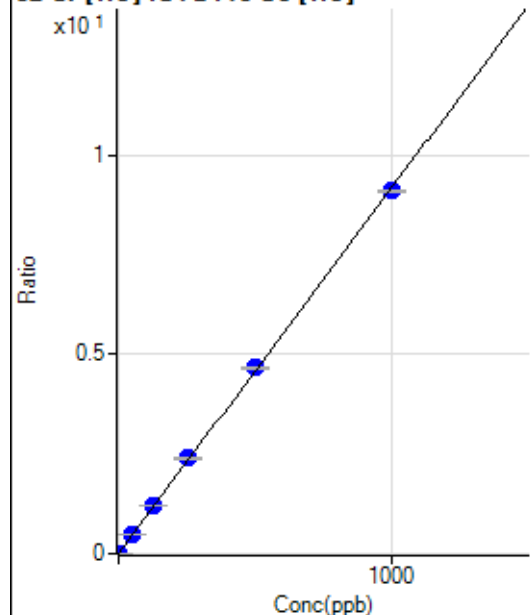
$$y = 0.0078 * x + 0.0000\text{E}+000$$

$$R = 1.0000$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	203.34	0.0029	P	7.2
2	☒	0.200		277.78	0.0039	P	10.8
3	☐	2.000	2.085	1559.00	0.0220	P	3.1
4	☐	50.000	52.347	32494.83	0.4829	P	1.0
5	☐	125.000	130.459	73661.66	1.1991	P	0.8
6	☐	250.000	260.538	142155.08	2.3918	P	0.6
7	☐	500.000	508.456	269280.07	4.6651	P	1.4
8	☐	1000.000	992.337	510376.30	9.1019	P	0.8
9	☐			3362.66	0.0624	P	2.1

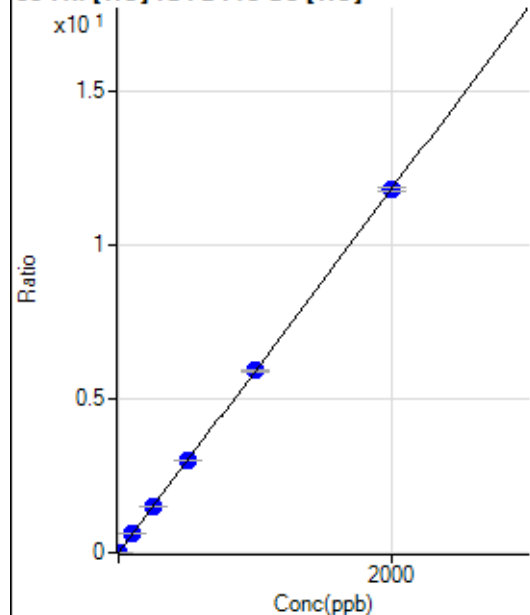
$$y = 0.0092 * x + 0.0029$$

$$R = 0.9999$$

$$DL = 0.0676$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0003	P	10.7
2	☒	0.100		55.55	0.0008	P	6.5
3	☐	1.000	0.979	427.79	0.0060	P	8.6
4	☐	100.000	102.965	40864.54	0.6072	P	1.0
5	☐	250.000	256.512	92900.72	1.5123	P	1.2
6	☐	500.000	509.395	178474.78	3.0029	P	0.7
7	☐	1000.000	1000.895	340583.86	5.9001	P	0.8
8	☐	2000.000	1996.242	659832.68	11.7673	P	0.9
9	☐			1904.60	0.0353	P	1.4

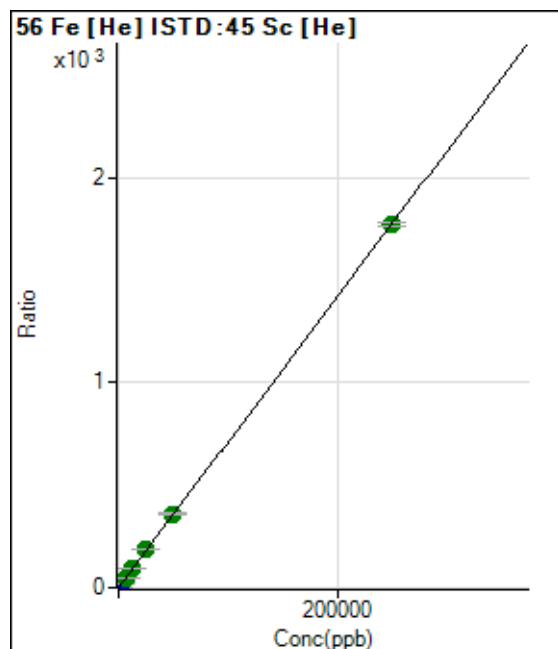
$$y = 0.0059 * x + 2.6727E-004$$

$$R = 1.0000$$

$$DL = 0.0146$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	827.82	0.0117	P	12.8
2	☒	5.000		3583.87	0.0507	P	6.7
3	☐	50.000	57.726	29827.09	0.4209	P	1.1
4	☐	2500.000	2747.820	1311496.62	19.4879	P	0.2
5	☐	6250.000	6643.281	2893313.29	47.0984	A	0.9
6	☐	12500.000	13332.436	5617083.17	94.5102	A	0.7
7	☐	25000.000	26122.510	10688675.5	185.1645	A	0.5
8	☐	50000.000	50789.953	20185184.9	360.0039	A	1.7
9	☐	250000.00	249675.82	95375802.1	1,769.679	A	1.2

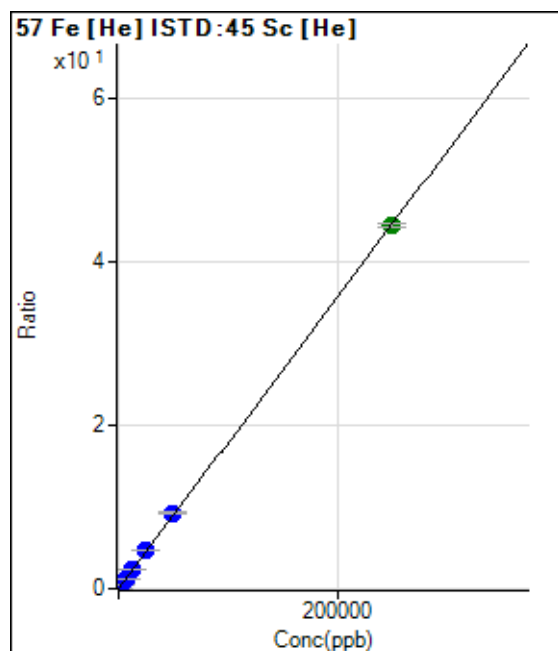
$$y = 0.0071 * x + 0.0117$$

$$R = 1.0000$$

$$DL = 0.6321$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.19	0.0005	P	65.8
2	☒	5.000		125.93	0.0018	P	16.7
3	☐	50.000	59.676	787.08	0.0111	P	9.1
4	☐	2500.000	2772.672	33214.17	0.4935	P	2.8
5	☐	6250.000	6852.173	74877.21	1.2189	P	0.9
6	☐	12500.000	13705.316	144867.59	2.4374	P	0.7
7	☐	25000.000	26639.783	273461.35	4.7373	P	0.6
8	☐	50000.000	52029.559	518780.10	9.2519	P	1.0
9	☐	250000.00	249352.06	2389629.91	44.3379	A	0.9

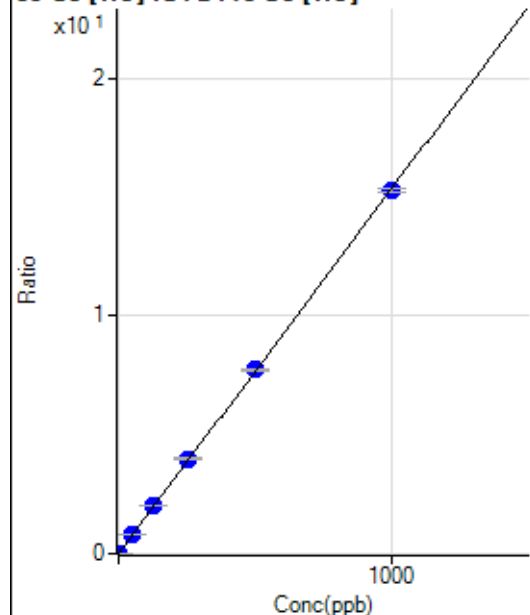
$$y = 1.7781E-004 * x + 4.9817E-004$$

$$R = 1.0000$$

$$DL = 5.532$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.00	0.0004	P	11.5
2	☒	0.100		144.89	0.0021	P	9.5
3	☐	1.000	1.009	1122.95	0.0159	P	9.5
4	☐	50.000	52.882	54624.72	0.8117	P	0.7
5	☐	125.000	130.815	123313.36	2.0073	P	0.7
6	☐	250.000	259.809	236913.40	3.9863	P	1.3
7	☐	500.000	503.809	446192.78	7.7298	P	1.0
8	☐	1000.000	994.772	855781.29	15.2621	P	1.1
9	☐			8983.76	0.1667	P	3.4

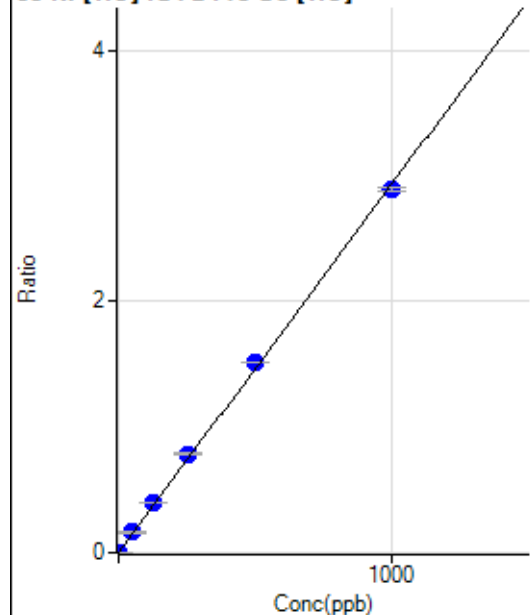
$$y = 0.0153 * x + 3.6762E-004$$

$$R = 0.9999$$

$$DL = 0.008258$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0003	P	10.9
2	☒	0.100		47.78	0.0007	P	33.7
3	☐	1.000	1.005	226.67	0.0032	P	3.0
4	☐	50.000	54.975	10869.71	0.1615	P	1.9
5	☐	125.000	134.715	24294.72	0.3955	P	1.4
6	☐	250.000	268.162	46770.02	0.7870	P	1.2
7	☐	500.000	517.003	87568.11	1.5170	P	0.9
8	☐	1000.000	985.495	162126.47	2.8914	P	1.2
9	☐			4265.14	0.0791	P	1.4

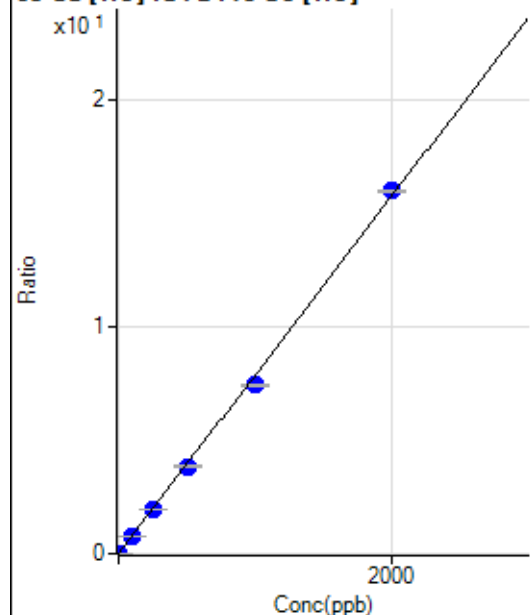
$$y = 0.0029 * x + 2.5148E-004$$

$$R = 0.9996$$

$$DL = 0.0281$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0013	P	8.2
2	☒	0.200		218.90	0.0031	P	14.1
3	☐	2.000	1.974	1192.29	0.0168	P	10.0
4	☐	100.000	101.382	53818.72	0.7997	P	0.1
5	☐	250.000	249.459	120767.23	1.9659	P	0.7
6	☐	500.000	488.792	228860.50	3.8507	P	0.9
7	☐	1000.000	943.792	429132.33	7.4341	P	0.6
8	☐	2000.000	2030.905	896929.91	15.9956	P	0.9
9	☐			7002.88	0.1299	P	1.9

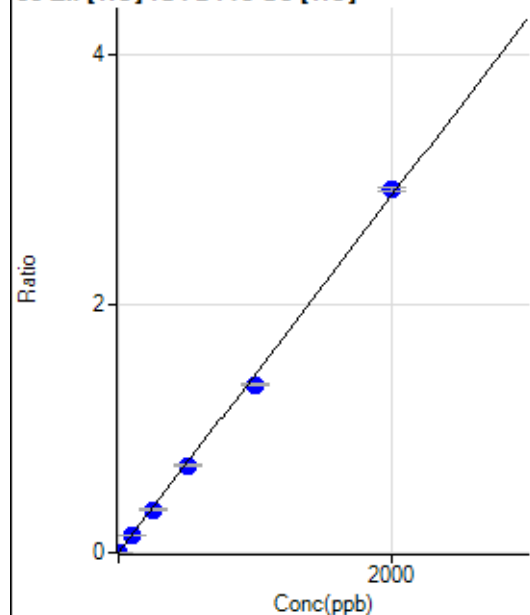
$$y = 0.0079 * x + 0.0013$$

$$R = 0.9994$$

$$DL = 0.04042$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0011	P	13.3
2	☒	0.200		64.44	0.0009	P	26.3
3	☐	2.000	1.566	237.78	0.0034	P	22.5
4	☐	100.000	99.148	9633.29	0.1431	P	1.5
5	☐	250.000	241.106	21286.83	0.3465	P	0.7
6	☐	500.000	488.793	41680.52	0.7013	P	0.7
7	☐	1000.000	940.174	77805.85	1.3479	P	0.9
8	☐	2000.000	2033.870	163428.71	2.9146	P	1.0
9	☐			1288.97	0.0239	P	4.6

$$y = 0.0014 * x + 0.0011$$

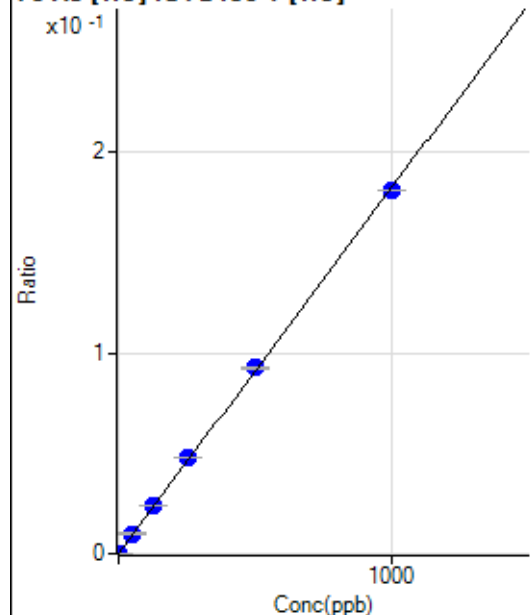
$$R = 0.9993$$

$$DL = 0.311$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	91.3
2	☒	0.100		7.41	0.0000	P	25.7
3	☐	1.000	1.023	63.58	0.0002	P	13.6
4	☐	50.000	54.797	3091.71	0.0100	P	1.9
5	☐	125.000	132.784	6939.96	0.0242	P	0.7
6	☐	250.000	261.657	13257.95	0.0477	P	1.1
7	☐	500.000	508.087	25221.89	0.0925	P	1.2
8	☐	1000.000	991.829	48216.06	0.1806	P	0.2
9	☐			59.26	0.0002	P	17.1

$$y = 1.8209\text{E-}004 * x + 9.5330\text{E-}006$$

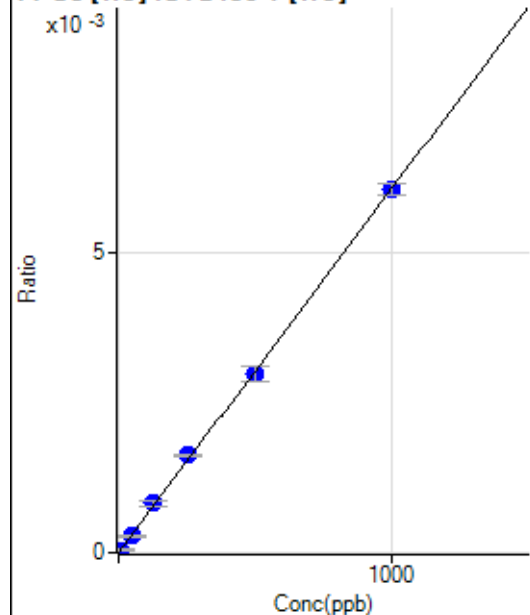
$$R = 0.9999$$

$$DL = 0.1434$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☒	0.500		0.00	0.0000	P	
3	☐	5.000	7.878	15.55	0.0000	P	44.4
4	☐	50.000	46.105	86.67	0.0003	P	8.1
5	☐	125.000	135.137	235.56	0.0008	P	10.0
6	☐	250.000	267.594	452.24	0.0016	P	2.3
7	☐	500.000	494.029	817.82	0.0030	P	8.5
8	☐	1000.000	997.500	1617.89	0.0061	P	3.2
9	☐			1.11	0.0000	P	173.

$$y = 6.0746\text{E-}006 * x + 0.0000\text{E+}000$$

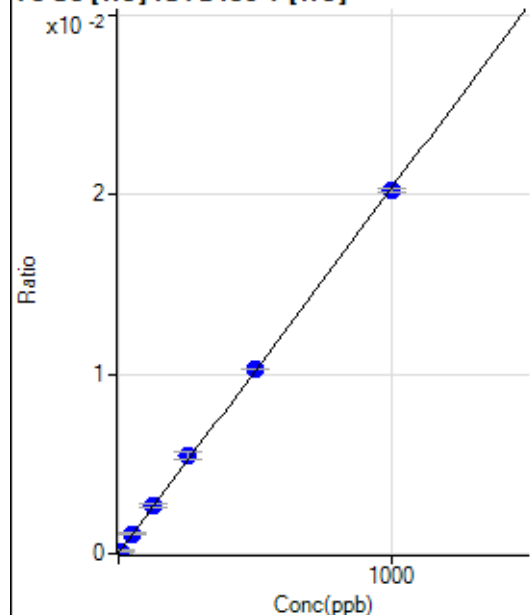
$$R = 0.9997$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	66.3
2	☒	0.500		17.29	0.0001	P	5.7
3	☐	5.000	6.729	51.85	0.0002	P	15.4
4	☐	50.000	53.864	345.69	0.0011	P	4.4
5	☐	125.000	129.151	759.28	0.0026	P	7.6
6	☐	250.000	267.755	1519.23	0.0055	P	8.9
7	☐	500.000	504.093	2797.20	0.0103	P	0.7
8	☐	1000.000	992.794	5389.31	0.0202	P	1.2
9	☐			9.88	0.0000	P	43.4

$$y = 2.0310E-005 * x + 2.2933E-005$$

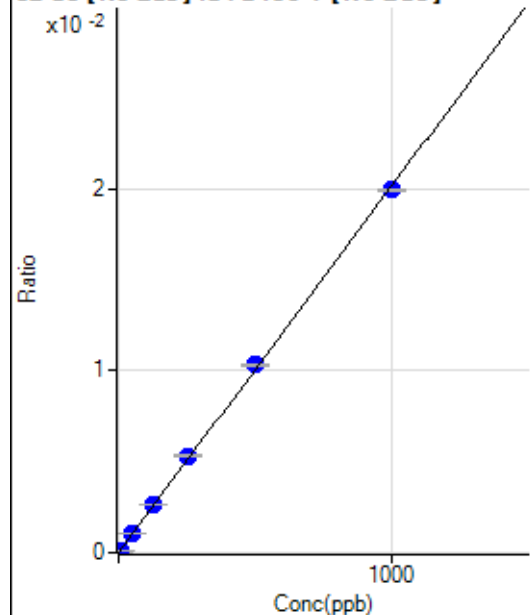
$$R = 0.9998$$

$$DL = 2.246$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.12	0.0000	P	348.
2	☒	0.500		43.09	0.0000	P	37.6
3	☐	5.000	5.578	242.43	0.0001	P	4.3
4	☐	50.000	53.250	2212.00	0.0011	P	1.6
5	☐	125.000	130.174	5109.92	0.0026	P	1.5
6	☐	250.000	262.693	9838.30	0.0053	P	1.8
7	☐	500.000	511.796	18858.66	0.0103	P	0.6
8	☐	1000.000	990.117	35612.71	0.0199	P	0.9
9	☐			7.57	0.0000	P	277.

$$y = 2.0113E-005 * x + 3.4588E-006$$

$$R = 0.9998$$

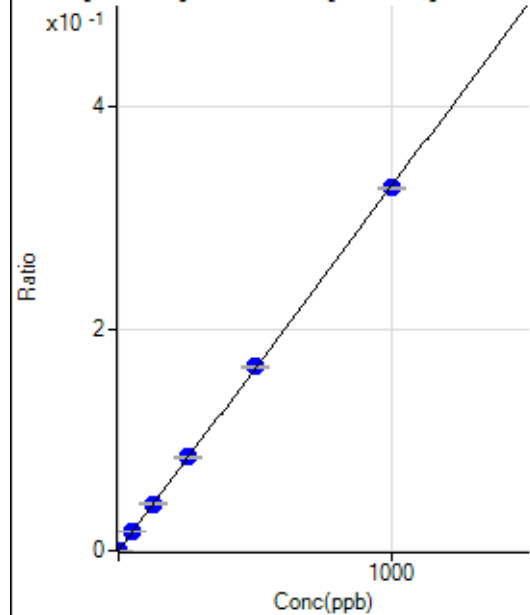
$$DL = 1.795$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			67.78		P	27.1
2	☐			43.33		P	33.5
3	☐			63.33		P	42.1
4	☐			54.44		P	30.2
5	☐			51.11		P	3.8
6	☐			40.00		P	50.0
7	☐			50.00		P	24.0
8	☐			57.78		P	8.8
9	☐			53.33		P	16.5

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.90	0.0000	P	9.0
2	☒	0.100		138.90	0.0001	P	20.6
3	☐	1.000	1.002	777.83	0.0004	P	4.5
4	☐	50.000	52.181	35366.77	0.0172	P	1.4
5	☐	125.000	128.642	82424.79	0.0423	P	0.7
6	☐	250.000	256.379	156737.66	0.0842	P	1.1
7	☐	500.000	505.389	304024.48	0.1660	P	1.2
8	☐	1000.000	995.146	584410.84	0.3268	P	0.5
9	☐			2216.95	0.0013	P	5.3

$$y = 3.2839\text{E-}004 * x + 4.2007\text{E-}005$$

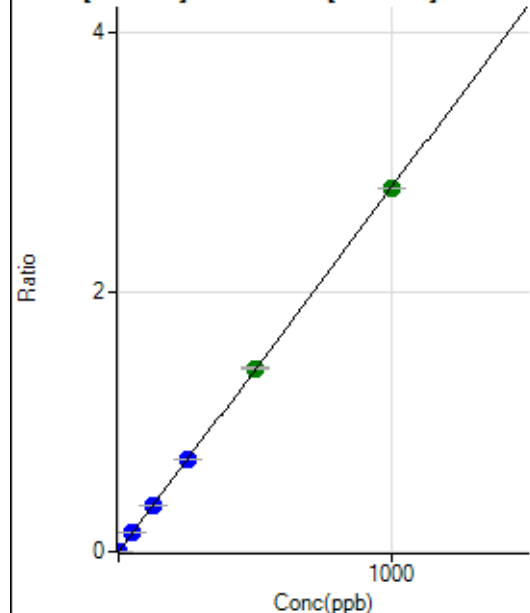
$$R = 1.0000$$

$$DL = 0.03444$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	39.5
2	☒	0.100		730.61	0.0003	P	13.0
3	☐	1.000	1.012	6015.43	0.0029	P	3.3
4	☐	50.000	52.074	300956.69	0.1462	P	0.2
5	☐	125.000	128.420	702520.04	0.3604	P	0.5
6	☐	250.000	255.084	1332170.91	0.7159	P	0.5
7	☐	500.000	504.128	2591192.29	1.4149	A	0.5
8	☐	1000.000	996.134	4998825.16	2.7957	A	0.1
9	☐			19330.25	0.0117	P	1.1

$$y = 0.0028 * x + 2.7716E-005$$

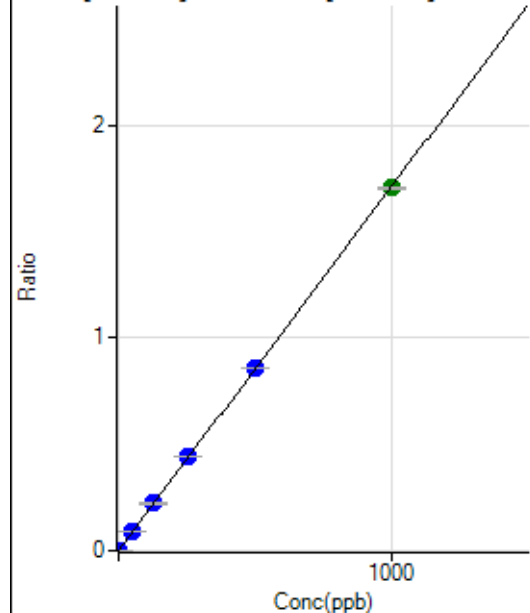
$$R = 1.0000$$

$$DL = 0.01169$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	186.12	0.0001	P	26.4
2	☒	0.100		483.36	0.0002	P	17.0
3	☐	1.000	1.020	3842.32	0.0018	P	1.3
4	☐	50.000	52.707	185784.37	0.0902	P	0.6
5	☐	125.000	129.589	432192.99	0.2217	P	1.0
6	☐	250.000	257.870	820857.17	0.4411	P	0.3
7	☐	500.000	501.538	1571163.89	0.8579	P	0.6
8	☐	1000.000	996.555	3047777.95	1.7046	A	0.5
9	☐			866.73	0.0005	P	0.5

$$y = 0.0017 * x + 8.8062E-005$$

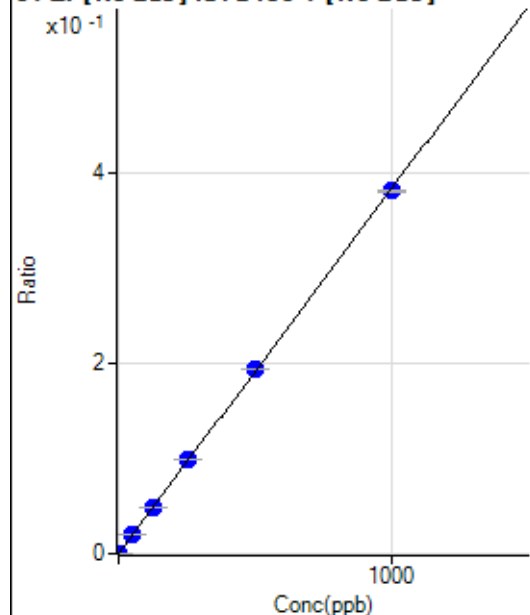
$$R = 1.0000$$

$$DL = 0.04084$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	15.4
2	☒	0.100		113.89	0.0001	P	21.9
3	☐	1.000	0.921	769.50	0.0004	P	9.6
4	☐	50.000	52.098	41232.43	0.0200	P	1.0
5	☐	125.000	128.431	96191.56	0.0494	P	0.2
6	☐	250.000	257.595	184173.07	0.0990	P	1.4
7	☐	500.000	506.029	356053.34	0.1944	P	0.4
8	☐	1000.000	994.553	683205.12	0.3821	P	0.2
9	☐			188.90	0.0001	P	34.2

$$y = 3.8418\text{E-}004 * x + 1.3115\text{E-}005$$

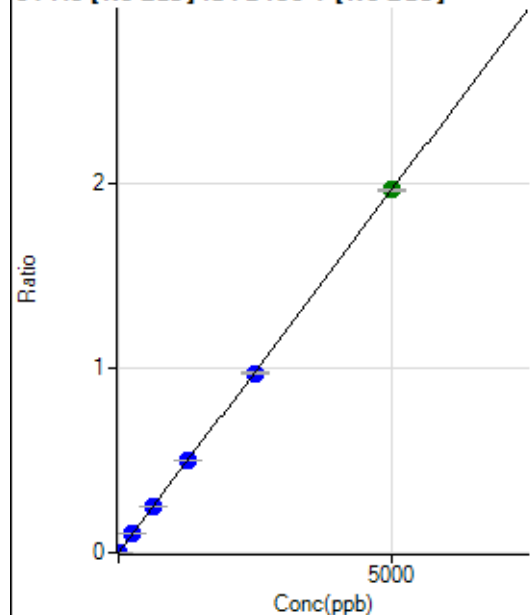
$$R = 0.9999$$

$$DL = 0.01578$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	40.7
2	☐	0.500	0.503	511.14	0.0002	P	10.1
3	☐	5.000	4.912	4145.22	0.0020	P	4.5
4	☐	250.000	258.851	209883.20	0.1019	P	1.1
5	☐	625.000	641.585	492373.11	0.2526	P	0.3
6	☐	1250.000	1267.457	928491.30	0.4990	P	0.2
7	☐	2500.000	2478.090	1786656.35	0.9756	P	0.5
8	☐	5000.000	5004.075	3522360.32	1.9700	A	0.3
9	☐			1222.33	0.0007	P	7.5

$$y = 3.9366\text{E-}004 * x + 4.3262\text{E-}005$$

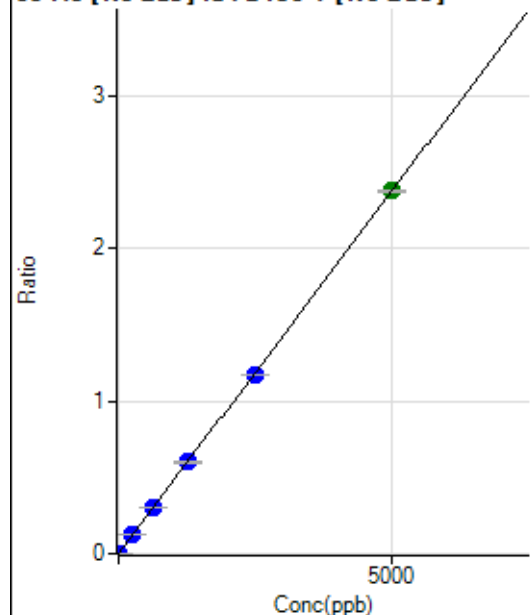
$$R = 1.0000$$

$$DL = 0.1341$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	31.5
2	☐	0.500	0.492	519.47	0.0002	P	12.9
3	☐	5.000	5.435	5431.79	0.0026	P	6.1
4	☐	250.000	260.733	254778.28	0.1237	P	0.0
5	☐	625.000	635.751	588082.05	0.3017	P	0.1
6	☐	1250.000	1263.767	1116010.41	0.5998	P	0.6
7	☐	2500.000	2470.714	2147375.51	1.1725	P	0.3
8	☐	5000.000	5009.320	4250750.49	2.3773	A	0.5
9	☐			1739.07	0.0011	P	19.0

$$y = 4.7457\text{E-}004 * x + 1.1780\text{E-}005$$

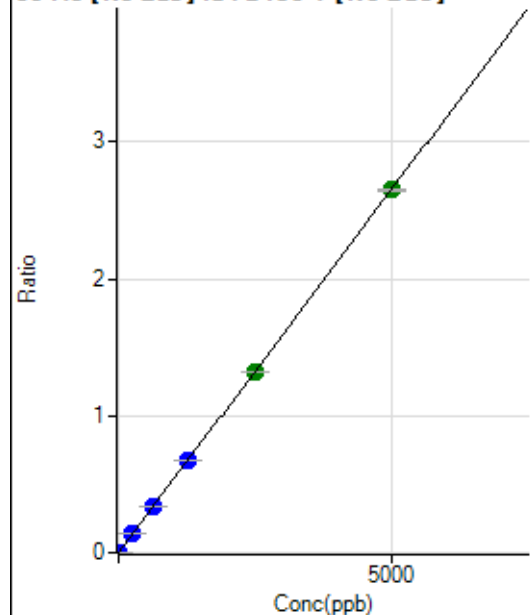
$$R = 1.0000$$

$$DL = 0.02349$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	123.
2	☐	0.500	0.537	616.71	0.0003	P	9.9
3	☐	5.000	5.202	5795.87	0.0028	P	3.4
4	☐	250.000	258.261	281946.62	0.1369	P	0.5
5	☐	625.000	635.382	656610.97	0.3369	P	0.7
6	☐	1250.000	1263.680	1246772.26	0.6700	P	0.5
7	☐	2500.000	2498.496	2426147.71	1.3248	A	0.3
8	☐	5000.000	4995.621	4736089.60	2.6488	A	0.2
9	☐			2300.28	0.0014	P	11.2

$$y = 5.3022\text{E-}004 * x + 6.4846\text{E-}006$$

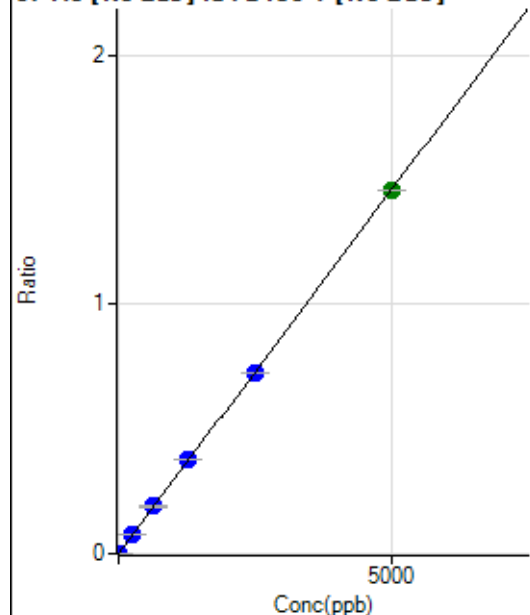
$$R = 1.0000$$

$$DL = 0.04536$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.
2	☐	0.500	0.481	302.80	0.0001	P	13.4
3	☐	5.000	5.379	3297.73	0.0016	P	6.4
4	☐	250.000	262.880	158013.13	0.0768	P	1.2
5	☐	625.000	648.390	368968.53	0.1893	P	0.6
6	☐	1250.000	1300.311	706421.29	0.3796	P	0.8
7	☐	2500.000	2494.298	1333685.62	0.7282	P	0.2
8	☐	5000.000	4986.705	2603194.76	1.4559	A	0.2
9	☐			877.84	0.0005	P	2.6

$$y = 2.9196\text{E-}004 * x + 2.5753\text{E-}006$$

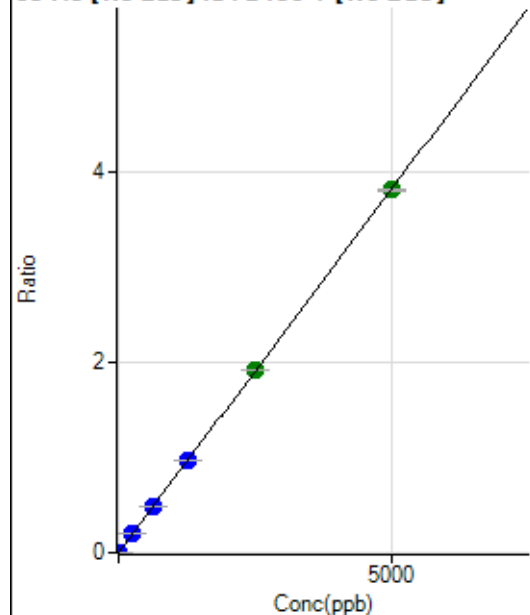
$$R = 0.9999$$

$$DL = 0.04583$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	33.1
2	☐	0.500	0.522	872.29	0.0004	P	8.6
3	☐	5.000	5.327	8539.00	0.0041	P	2.2
4	☐	250.000	260.212	408169.27	0.1982	P	0.7
5	☐	625.000	634.667	942377.99	0.4835	P	0.5
6	☐	1250.000	1261.842	1788734.31	0.9613	P	0.5
7	☐	2500.000	2507.720	3498746.17	1.9104	A	0.4
8	☐	5000.000	4991.460	6799122.37	3.8026	A	0.4
9	☐			2316.95	0.0014	P	4.5

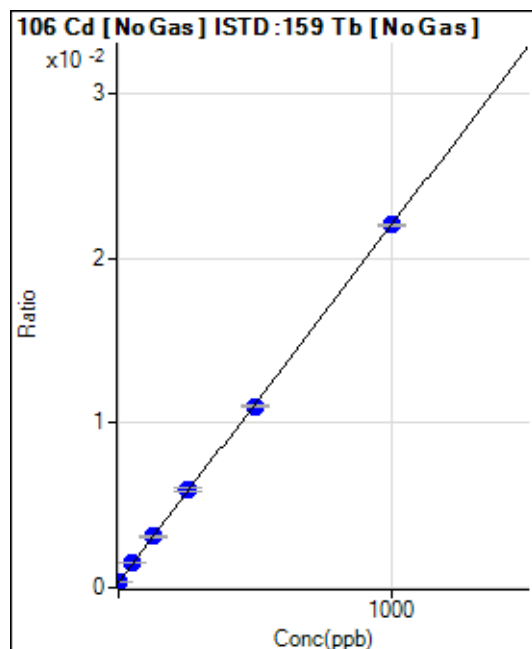
$$y = 7.6182\text{E-}004 * x + 1.4501\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01891$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	852.84	0.0003	P	2.3
2	☒	0.100		825.06	0.0003	P	4.2
3	☐	1.000	2.565	958.41	0.0004	P	8.3
4	☐	50.000	56.102	3861.80	0.0015	P	3.8
5	☐	125.000	128.673	7591.19	0.0031	P	2.4
6	☐	250.000	260.862	14327.17	0.0060	P	3.7
7	☐	500.000	493.270	26642.46	0.0110	P	1.9
8	☐	1000.000	999.884	52556.56	0.0220	P	0.8
9	☐			658.37	0.0003	P	20.9

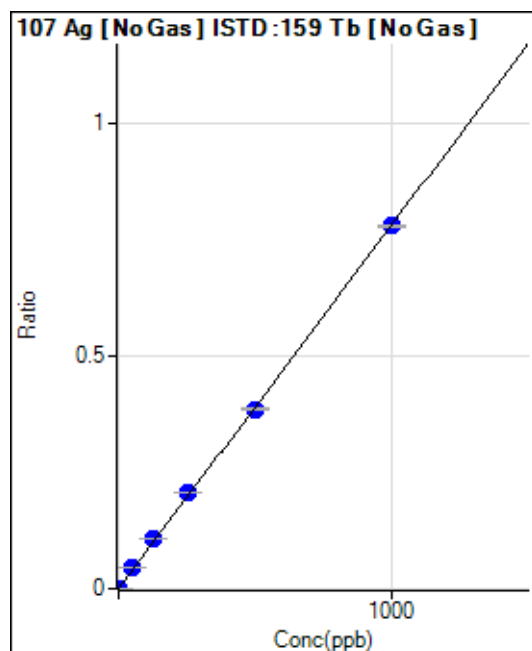
$$y = 2.1681\text{E-}005 * x + 3.2438\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.015$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	45.4
2	☒	0.100		263.90	0.0001	P	12.5
3	☐	1.000	1.211	2408.63	0.0010	P	10.6
4	☐	50.000	57.155	111743.67	0.0446	P	3.0
5	☐	125.000	136.246	258985.08	0.1063	P	0.3
6	☐	250.000	263.372	491910.97	0.2054	P	0.9
7	☐	500.000	493.457	930433.08	0.3848	P	0.6
8	☐	1000.000	998.165	1859147.76	0.7784	P	0.9
9	☐			116.67	0.0001	P	31.9

$$y = 7.7979\text{E-}004 * x + 1.0546\text{E-}005$$

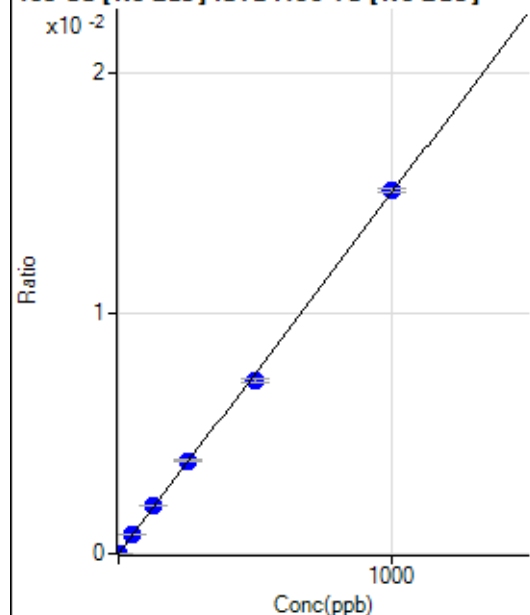
$$R = 0.9998$$

$$DL = 0.01842$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☒	0.100		6.94	0.0000	P	34.5
3	☐	1.000	0.883	36.11	0.0000	P	43.2
4	☐	50.000	53.966	2030.74	0.0008	P	4.9
5	☐	125.000	133.677	4888.43	0.0020	P	0.9
6	☐	250.000	257.957	9265.68	0.0039	P	3.0
7	☐	500.000	480.778	17434.59	0.0072	P	2.0
8	☐	1000.000	1006.339	36047.49	0.0151	P	1.0
9	☐			4.17	0.0000	P	173.

$$y = 1.4996\text{E-}005 * x + 1.0592\text{E-}006$$

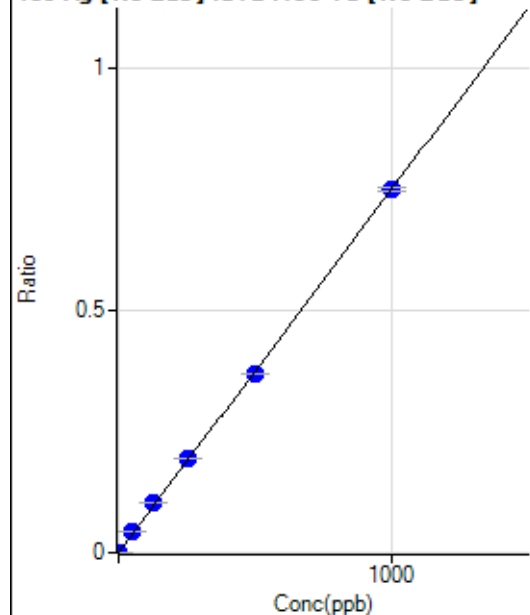
$$R = 0.9997$$

$$DL = 0.1835$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	44.5
2	☒	0.100		216.68	0.0001	P	15.8
3	☐	1.000	1.155	2208.60	0.0009	P	6.6
4	☐	50.000	57.367	107959.45	0.0431	P	0.3
5	☐	125.000	136.835	250352.98	0.1027	P	0.7
6	☐	250.000	260.637	468606.82	0.1956	P	0.5
7	☐	500.000	493.549	895741.92	0.3705	P	0.5
8	☐	1000.000	998.718	1790493.18	0.7496	P	1.1
9	☐			102.78	0.0000	P	24.4

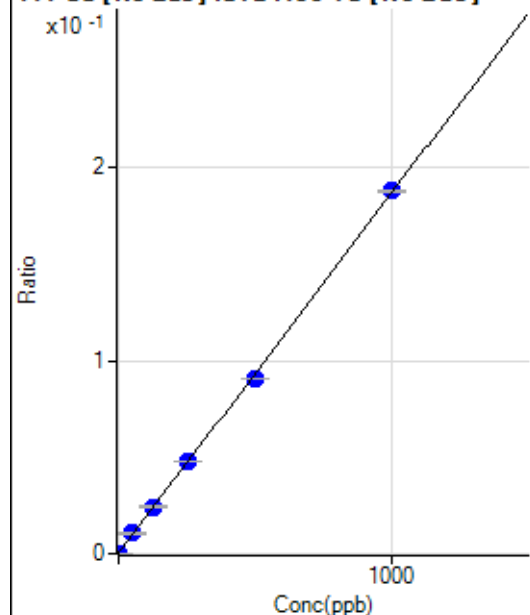
$$y = 7.5059\text{E-}004 * x + 8.4810\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0151$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	600.60	0.0002	P	1.2
2	☒	0.100		635.18	0.0002	P	3.9
3	☐	1.000	1.197	1138.68	0.0005	P	7.3
4	☐	50.000	55.151	26338.81	0.0105	P	1.3
5	☐	125.000	129.612	59440.60	0.0244	P	2.3
6	☐	250.000	253.447	113691.14	0.0475	P	0.6
7	☐	500.000	483.903	218619.37	0.0904	P	0.7
8	☐	1000.000	1006.352	448543.58	0.1878	P	0.5
9	☐			507.94	0.0002	P	21.6

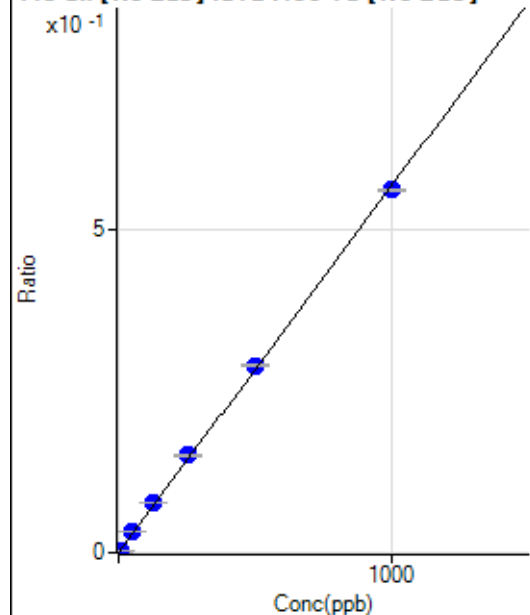
$$y = 1.8638\text{E-}004 * x + 2.2843\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.04242$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0001	P	24.1
2	☒	0.500		969.52	0.0004	P	9.7
3	☐	5.000	5.484	8002.61	0.0032	P	0.3
4	☐	50.000	56.408	80421.47	0.0321	P	0.6
5	☐	125.000	135.231	187260.70	0.0768	P	1.4
6	☐	250.000	264.925	360353.95	0.1505	P	0.6
7	☐	500.000	510.732	701200.11	0.2900	P	0.5
8	☐	1000.000	989.301	1341596.81	0.5617	P	0.5
9	☐			488.92	0.0002	P	16.0

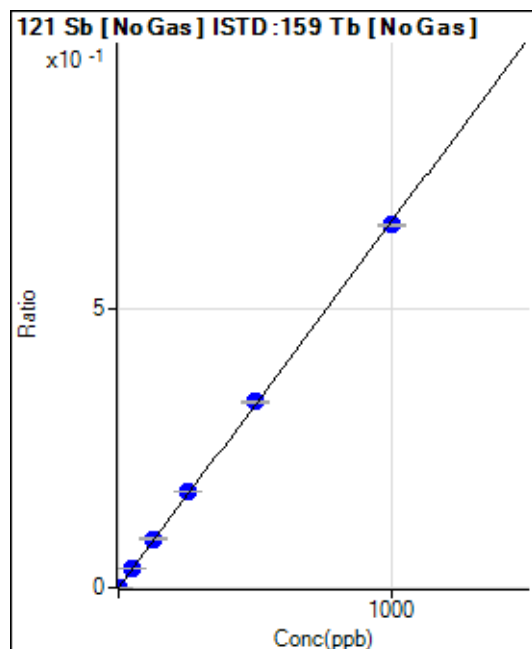
$$y = 5.6769\text{E-}004 * x + 6.0330\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.07698$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.3
2	☒	0.200		405.58	0.0002	P	18.2
3	☐	2.000	2.116	3522.80	0.0014	P	0.7
4	☐	50.000	54.653	89800.59	0.0358	P	0.0
5	☐	125.000	133.830	213774.92	0.0877	P	0.2
6	☐	250.000	263.272	413230.27	0.1725	P	0.3
7	☐	500.000	508.171	805170.80	0.3330	P	0.5
8	☐	1000.000	991.260	1551477.09	0.6496	P	0.5
9	☐			1944.67	0.0009	P	3.5

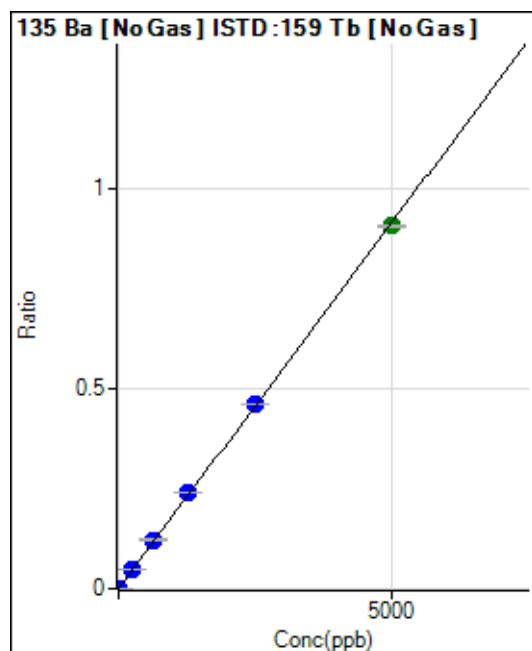
$$y = 6.5527\text{E-}004 * x + 1.0587\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.01709$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☒	1.000		497.25	0.0002	P	9.5
3	☐	10.000	11.325	5215.07	0.0021	P	5.1
4	☐	250.000	274.459	125492.02	0.0501	P	0.5
5	☐	625.000	669.916	297842.55	0.1222	P	0.8
6	☐	1250.000	1322.820	577894.07	0.2413	P	0.5
7	☐	2500.000	2527.041	1114477.85	0.4609	P	0.6
8	☐	5000.000	4961.434	2161509.38	0.9050	A	0.4
9	☐			244.46	0.0001	P	9.2

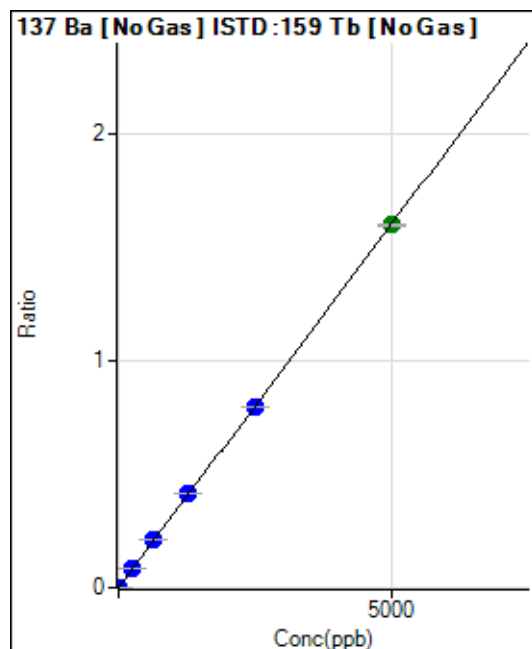
$$y = 1.8240\text{E-}004 * x + 2.1228\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.03024$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	86.6
2	☒	1.000		861.18	0.0003	P	9.1
3	☐	10.000	11.335	9167.31	0.0036	P	3.7
4	☐	250.000	273.015	219240.47	0.0875	P	0.3
5	☐	625.000	664.287	518682.85	0.2128	P	0.8
6	☐	1250.000	1301.942	998882.45	0.4171	P	0.9
7	☐	2500.000	2483.991	1923992.58	0.7957	P	0.5
8	☐	5000.000	4988.955	3817191.75	1.5982	A	0.8
9	☐			402.80	0.0002	P	19.1

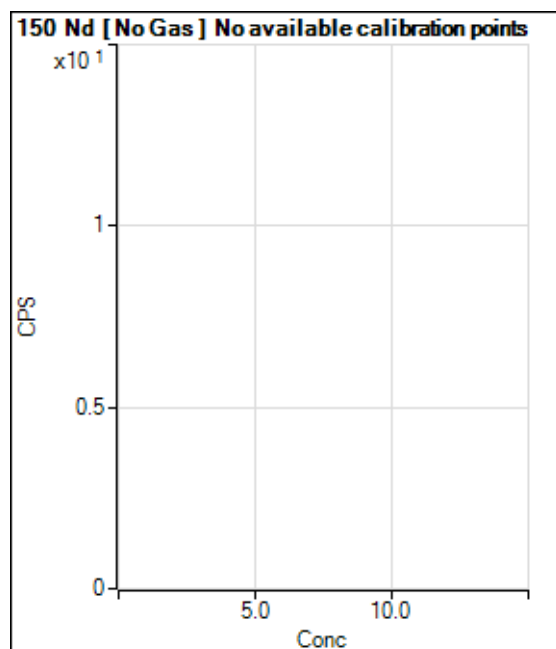
$$y = 3.2034E-004 * x + 4.2481E-006$$

$$R = 0.9999$$

$$DL = 0.03446$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	173.
4	☐			15.56		P	49.5
5	☐			37.78		P	20.4
6	☐			57.78		P	40.5
7	☐			128.89		P	48.1
8	☐			208.90		P	8.0
9	☐			24.45		P	41.7

150 Nd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			2.22		P	86.6
6	☐			6.67		P	132.
7	☐			14.45		P	26.7
8	☐			24.44		P	41.7
9	☐			26.67		P	37.5

156 Dy [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.78		P	173.
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			8.33		P	100.
5	☐			11.11		P	43.3
6	☐			8.33		P	0.0
7	☐			22.22		P	43.3
8	☐			30.56		P	41.7
9	☐			19.44		P	49.5

156 Dy [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			3.33		P	0.0
5	☐			2.22		P	86.6
6	☐			17.78		P	10.8
7	☐			27.78		P	50.0
8	☐			43.33		P	27.7
9	☐			11.11		P	17.3

160 Gd [No Gas] Noavailable calibration poin_

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.33		P	100.
2	☐			5.56		P	173.
3	☐			2.78		P	173.
4	☐			0.00		P	
5	☐			5.55		P	86.6
6	☐			16.67		P	50.0
7	☐			8.33		P	100.
8	☐			25.00		P	57.7
9	☐			22.22		P	57.3

160 Gd [He] No available calibration points

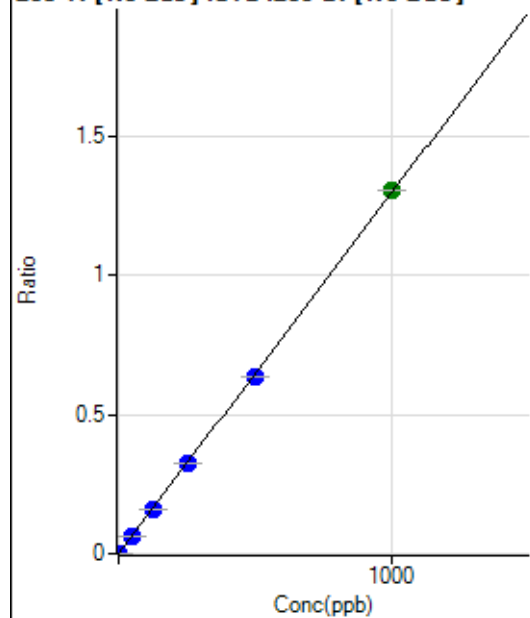
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.56		P	30.1
2	☐			46.67		P	25.8
3	☐			36.67		P	47.2
4	☐			38.89		P	17.8
5	☐			24.45		P	28.4
6	☐			36.67		P	24.0
7	☐			38.89		P	4.9
8	☐			52.22		P	16.1
9	☐			34.45		P	39.1

164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐			5.56		P	173.
3	☐			16.66		P	86.6
4	☐			16.67		P	132.
5	☐			2.78		P	173.
6	☐			8.33		P	0.0
7	☐			13.89		P	34.7
8	☐			11.11		P	43.3
9	☐			16.67		P	50.0

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			3.33		P	100.
4	☐			2.22		P	86.6
5	☐			2.22		P	173.
6	☐			5.55		P	69.3
7	☐			7.78		P	24.7
8	☐			6.67		P	86.6
9	☐			10.00		P	88.2

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	67.0
2	☒	0.100		230.57	0.0001	P	10.6
3	☐	1.000	0.931	1958.56	0.0012	P	3.3
4	☐	50.000	50.219	103978.78	0.0652	P	0.8
5	☐	125.000	124.295	251046.87	0.1613	P	1.0
6	☐	250.000	250.298	494994.88	0.3248	P	0.1
7	☐	500.000	489.344	971371.31	0.6350	P	0.6
8	☐	1000.000	1005.331	1919936.11	1.3045	A	0.1
9	☐			425.03	0.0003	P	22.7

$$y = 0.0013 * x + 1.5476E-005$$

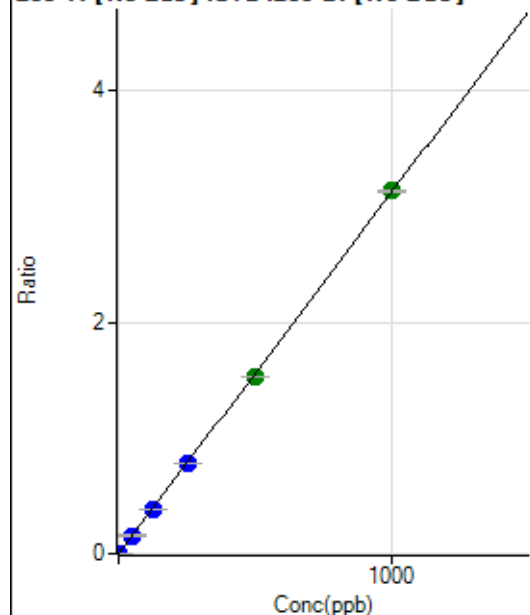
$$R = 0.9999$$

$$DL = 0.02398$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	43.8
2	☒	0.100		572.26	0.0004	P	18.5
3	☐	1.000	0.956	4826.09	0.0030	P	5.9
4	☐	50.000	50.430	250965.10	0.1573	P	0.9
5	☐	125.000	124.349	603678.21	0.3878	P	0.5
6	☐	250.000	250.960	1192890.25	0.7827	P	0.2
7	☐	500.000	489.795	2336900.83	1.5276	A	0.4
8	☐	1000.000	1004.922	4612831.09	3.1341	A	0.4
9	☐			1005.64	0.0008	P	12.7

$$y = 0.0031 * x + 3.4247E-005$$

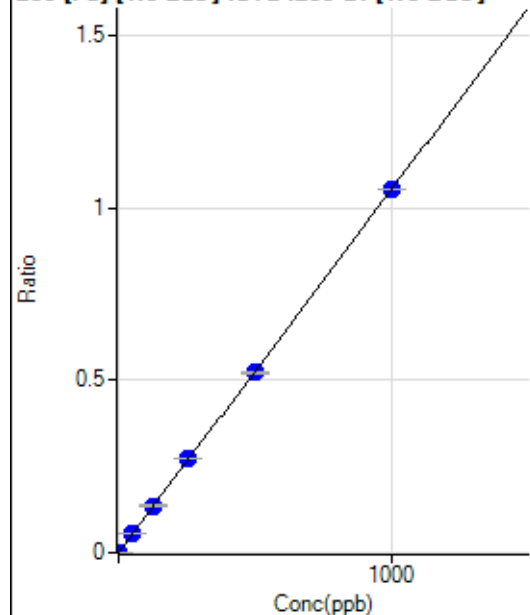
$$R = 0.9999$$

$$DL = 0.01441$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.37	0.0000	P	24.2
2	☒	0.100		250.01	0.0002	P	15.2
3	☐	1.000	1.018	1787.21	0.0011	P	5.4
4	☐	50.000	51.876	87327.49	0.0547	P	0.8
5	☐	125.000	129.083	211898.92	0.1361	P	1.2
6	☐	250.000	260.443	418565.94	0.2746	P	0.4
7	☐	500.000	495.330	799019.68	0.5223	P	0.4
8	☐	1000.000	999.120	1550514.62	1.0535	P	0.1
9	☐			1266.77	0.0010	P	3.3

$$y = 0.0011 * x + 4.3314E-005$$

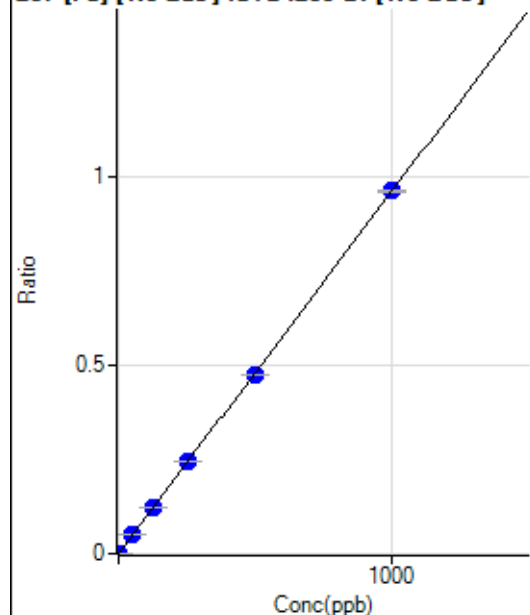
$$R = 0.9999$$

$$DL = 0.02978$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.49	0.0001	P	2.9
2	☒	0.100		251.86	0.0002	P	11.5
3	☐	1.000	0.973	1576.06	0.0010	P	3.2
4	☐	50.000	50.946	78138.14	0.0490	P	0.8
5	☐	125.000	126.802	189628.77	0.1218	P	0.7
6	☐	250.000	253.253	370767.18	0.2433	P	0.2
7	☐	500.000	493.031	724464.67	0.4736	P	0.3
8	☐	1000.000	1002.399	1417011.08	0.9628	P	0.2
9	☐			1109.34	0.0009	P	2.8

$$y = 9.6042\text{E-}004 * x + 5.0154\text{E-}005$$

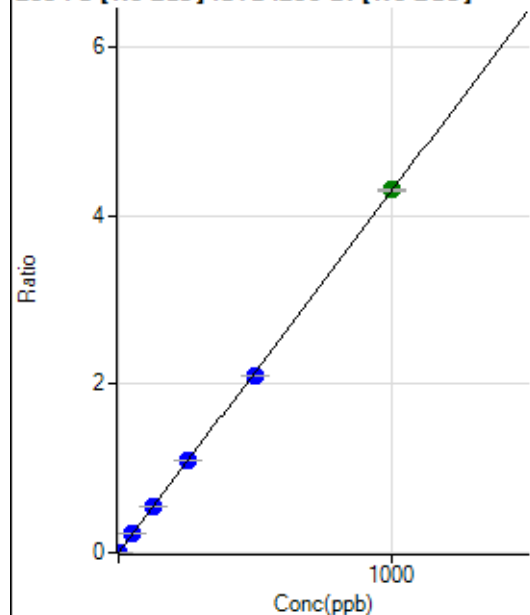
$$R = 1.0000$$

$$DL = 0.004563$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.20	0.0002	P	9.7
2	☒	0.100		975.97	0.0006	P	5.2
3	☐	1.000	0.976	7037.97	0.0044	P	6.2
4	☐	50.000	51.069	350226.17	0.2195	P	0.6
5	☐	125.000	126.849	848243.06	0.5450	P	0.9
6	☐	250.000	254.151	1663808.68	1.0917	P	0.3
7	☐	500.000	490.475	3222765.09	2.1066	P	0.2
8	☐	1000.000	1003.440	6343002.77	4.3097	A	0.2
9	☐			4876.40	0.0039	P	2.8

$$y = 0.0043 * x + 2.0654\text{E-}004$$

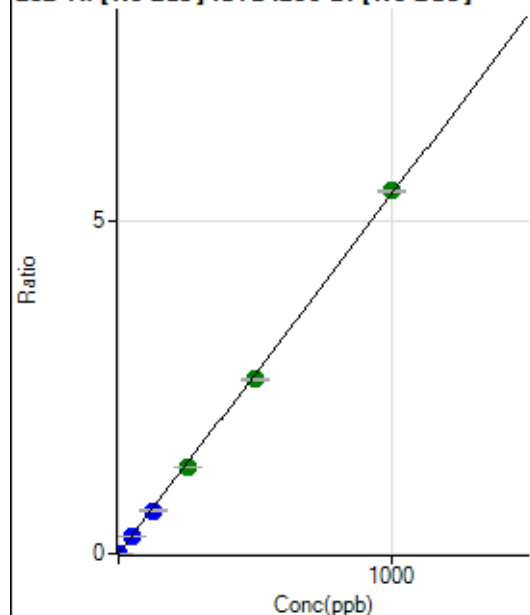
$$R = 0.9999$$

$$DL = 0.01399$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.71	0.0000	P	37.3
2	☒	0.100		744.49	0.0005	P	7.9
3	☐	1.000	0.882	7691.37	0.0048	P	3.2
4	☐	50.000	48.274	416666.00	0.2612	P	0.2
5	☐	125.000	120.341	1013358.36	0.6511	P	0.4
6	☐	250.000	243.323	2006194.19	1.3164	A	0.1
7	☐	500.000	484.592	4010531.02	2.6216	A	0.3
8	☐	1000.000	1010.042	8042141.79	5.4641	A	0.3
9	☐			955.62	0.0008	P	6.2

$$y = 0.0054 * x + 3.2926E-005$$

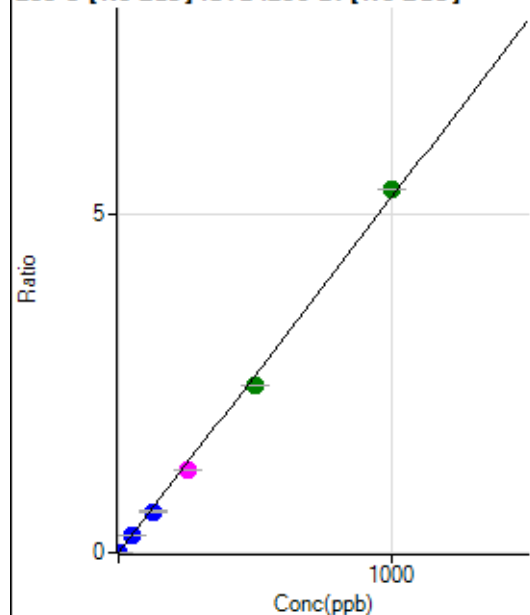
$$R = 0.9998$$

$$DL = 0.006807$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.66	0.0000	P	84.9
2	☒	0.100		816.73	0.0005	P	14.3
3	☐	1.000	0.907	7647.03	0.0048	P	3.0
4	☐	50.000	46.474	389700.29	0.2443	P	0.4
5	☐	125.000	116.274	951244.91	0.6112	P	0.8
6	☐	250.000	232.430	1861969.42	1.2217	M	1.1
7	☐	500.000	468.740	3769087.39	2.4638	A	0.1
8	☐	1000.000	1021.290	7900629.52	5.3680	A	0.2
9	☐			352.80	0.0003	P	32.0

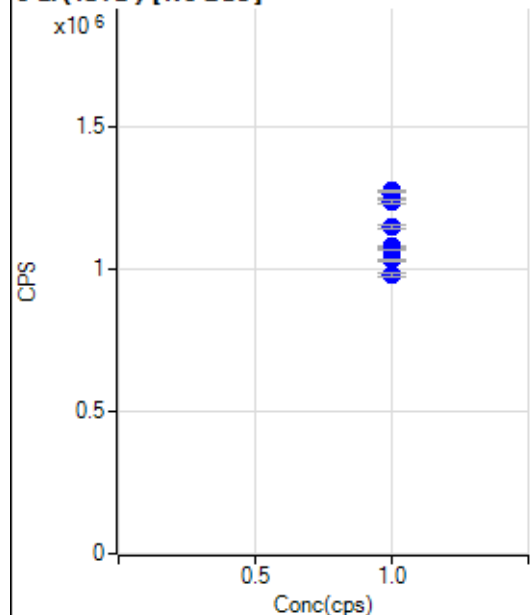
$$y = 0.0053 * x + 1.0157E-005$$

$$R = 0.9991$$

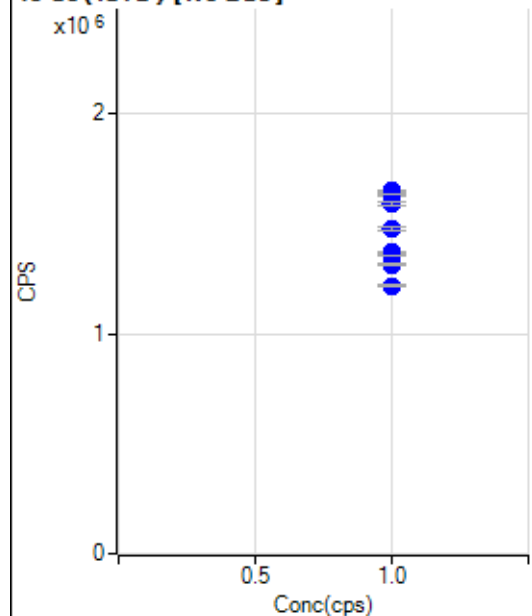
$$DL = 0.004921$$

Weight: <None>

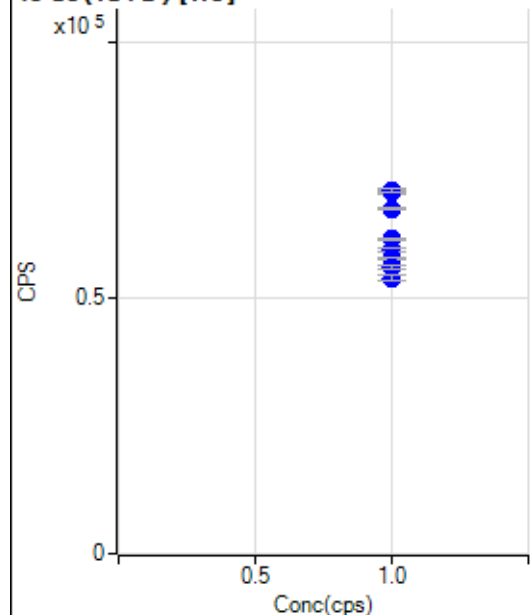
Min Conc: 0

6 Li (ISTD) [No Gas]

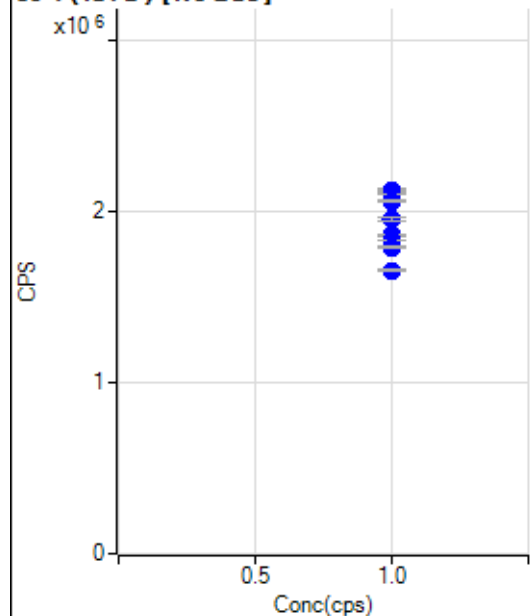
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1261428.77		P	1.6
2	☐	1.000		1275528.97		P	0.4
3	☐	1.000		1274671.03		P	0.4
4	☐	1.000		1235744.88		P	0.9
5	☐	1.000		1147169.77		P	1.1
6	☐	1.000		1078704.09		P	0.5
7	☐	1.000		1067669.81		P	0.3
8	☐	1.000		1032742.87		P	0.7
9	☐	1.000		979018.78		P	1.3

45 Sc (ISTD) [No Gas]

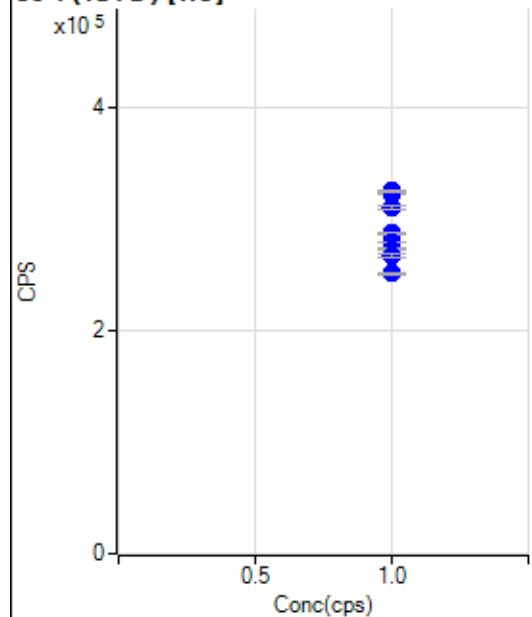
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1639828.82		P	1.8
2	☐	1.000		1650604.50		P	0.7
3	☐	1.000		1636044.65		P	0.2
4	☐	1.000		1591234.93		P	1.5
5	☐	1.000		1479308.18		P	1.2
6	☐	1.000		1372154.43		P	0.8
7	☐	1.000		1358556.57		P	0.2
8	☐	1.000		1316246.17		P	0.8
9	☐	1.000		1220061.61		P	1.1

45 Sc (ISTD) [He]

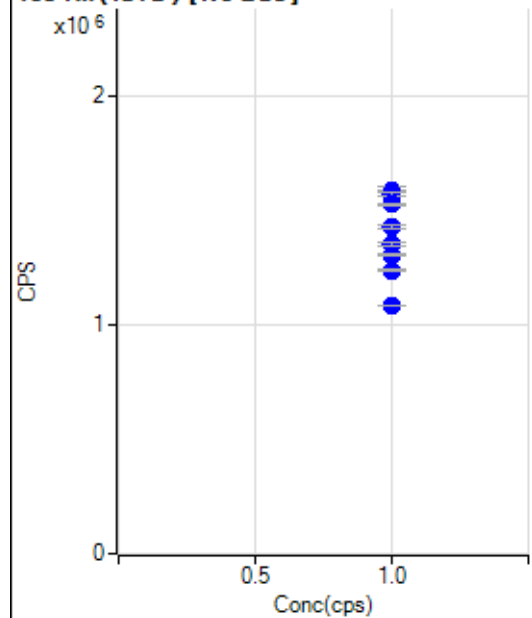
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		70708.69		P	0.6
2	☐	1.000		70620.57		P	1.3
3	☐	1.000		70871.80		P	1.0
4	☐	1.000		67297.58		P	0.7
5	☐	1.000		61433.49		P	0.7
6	☐	1.000		59436.40		P	1.1
7	☐	1.000		57726.45		P	0.7
8	☐	1.000		56078.04		P	1.4
9	☐	1.000		53900.99		P	1.6

89 Y (ISTD) [No Gas]

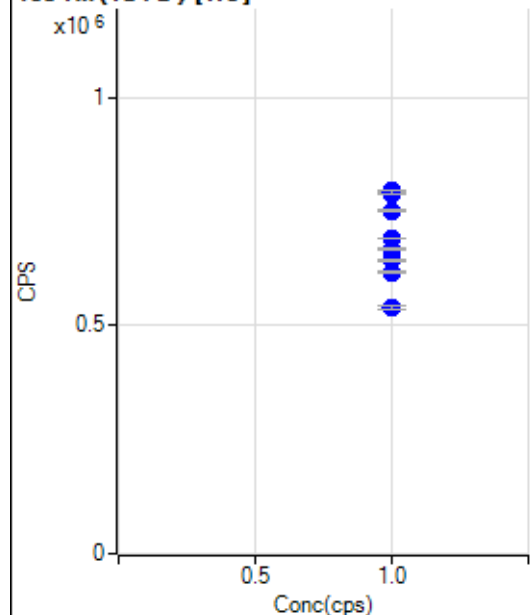
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2114052.05		P	1.9
2	☐	1.000		2116944.78		P	0.5
3	☐	1.000		2096518.53		P	0.2
4	☐	1.000		2058854.28		P	0.9
5	☐	1.000		1949082.94		P	1.1
6	☐	1.000		1860730.94		P	0.4
7	☐	1.000		1831394.21		P	0.2
8	☐	1.000		1788025.60		P	0.7
9	☐	1.000		1653062.62		P	0.5

89 Y(ISTD) [He]

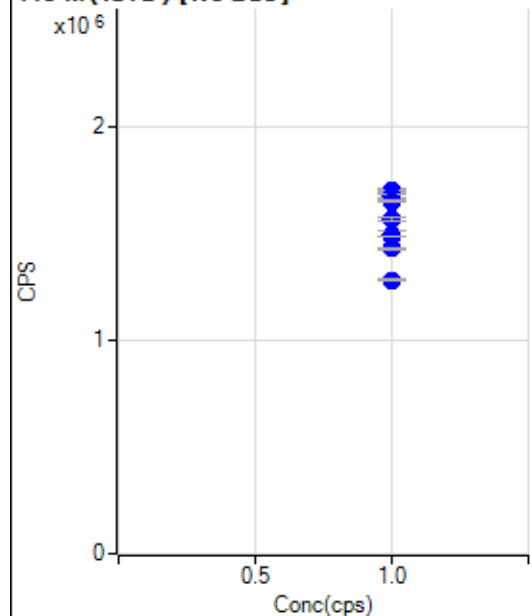
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		322978.41		P	0.8
2	☐	1.000		322455.38		P	0.7
3	☐	1.000		324826.36		P	0.2
4	☐	1.000		309525.65		P	1.3
5	☐	1.000		286918.34		P	0.3
6	☐	1.000		278210.75		P	0.1
7	☐	1.000		272609.72		P	0.8
8	☐	1.000		266961.39		P	0.8
9	☐	1.000		250762.24		P	1.0

103 Rh(ISTD) [No Gas]

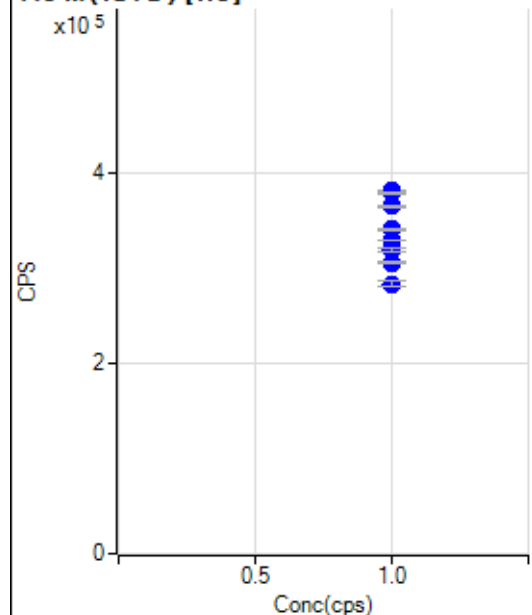
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1587999.46		P	2.4
2	☐	1.000		1585776.29		P	0.5
3	☐	1.000		1573474.60		P	0.7
4	☐	1.000		1529199.97		P	0.8
5	☐	1.000		1433019.20		P	1.0
6	☐	1.000		1353731.01		P	0.9
7	☐	1.000		1308750.43		P	0.3
8	☐	1.000		1241200.94		P	0.6
9	☐	1.000		1083982.55		P	0.2

103 Rh (ISTD) [He]

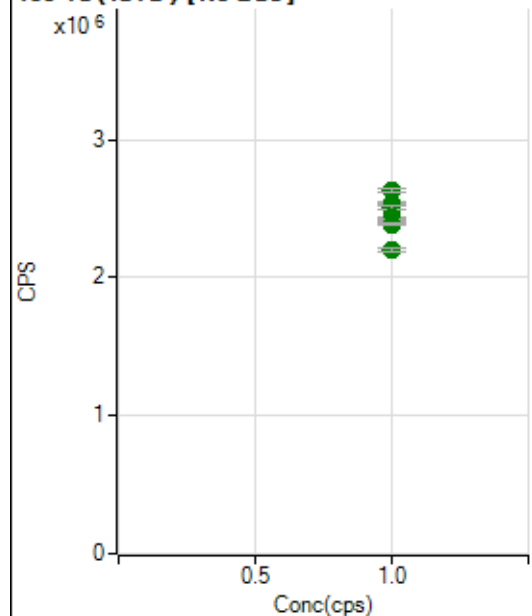
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		794626.33		P	0.8
2	☐	1.000		788336.32		P	0.2
3	☐	1.000		791737.38		P	0.8
4	☐	1.000		751720.76		P	0.6
5	☐	1.000		691262.05		P	0.4
6	☐	1.000		666580.95		P	0.5
7	☐	1.000		642881.29		P	0.7
8	☐	1.000		615707.99		P	0.6
9	☐	1.000		539314.63		P	1.2

115 In (ISTD) [No Gas]

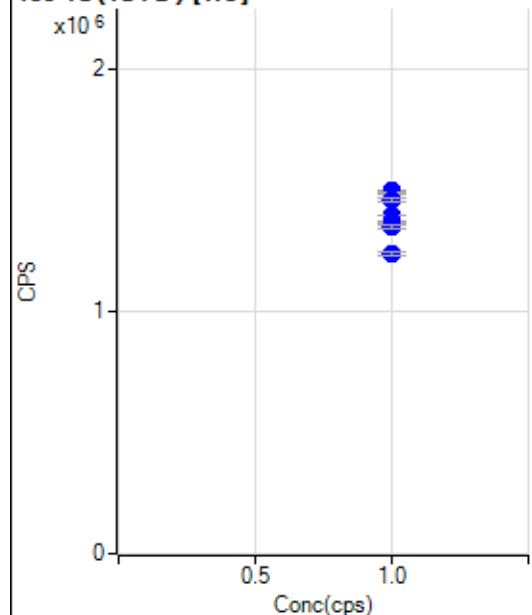
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1696588.74		P	2.0
2	☐	1.000		1696988.95		P	0.6
3	☐	1.000		1672999.03		P	0.8
4	☐	1.000		1647333.21		P	0.5
5	☐	1.000		1563239.55		P	1.0
6	☐	1.000		1497381.19		P	1.3
7	☐	1.000		1481980.51		P	0.2
8	☐	1.000		1427809.90		P	0.8
9	☐	1.000		1280377.76		P	0.3

115 In (ISTD) [He]

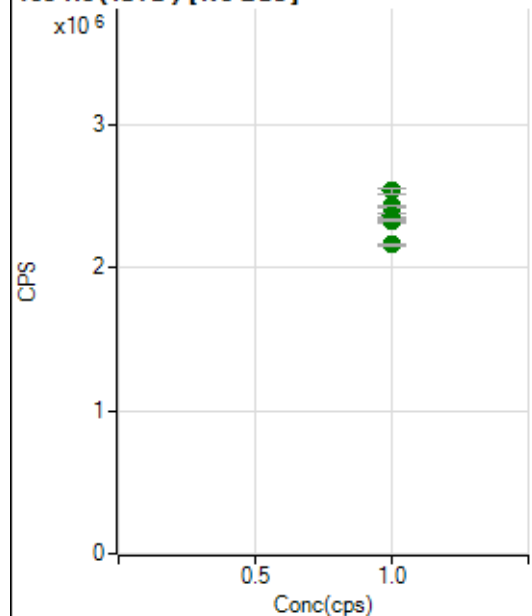
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		381103.86		P	0.7
2	☐	1.000		380002.48		P	0.4
3	☐	1.000		379536.16		P	0.6
4	☐	1.000		364692.34		P	0.6
5	☐	1.000		340738.57		P	0.6
6	☐	1.000		329580.93		P	0.2
7	☐	1.000		318652.58		P	1.1
8	☐	1.000		305899.62		P	0.8
9	☐	1.000		283278.71		P	1.8

159 Tb (ISTD) [No Gas]

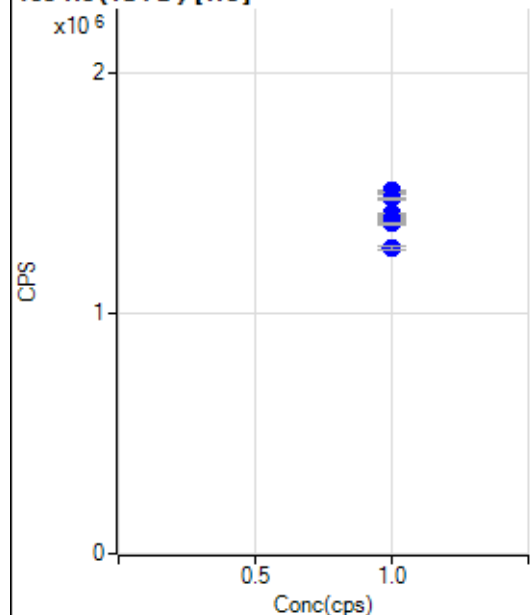
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2629164.41		A	1.2
2	☐	1.000		2541663.73		A	0.4
3	☐	1.000		2521806.49		A	0.5
4	☐	1.000		2506741.23		A	0.9
5	☐	1.000		2437383.45		A	0.7
6	☐	1.000		2395171.63		A	1.2
7	☐	1.000		2417919.18		A	0.2
8	☐	1.000		2388579.50		A	0.8
9	☐	1.000		2203198.65		A	1.2

159 Tb (ISTD) [He]

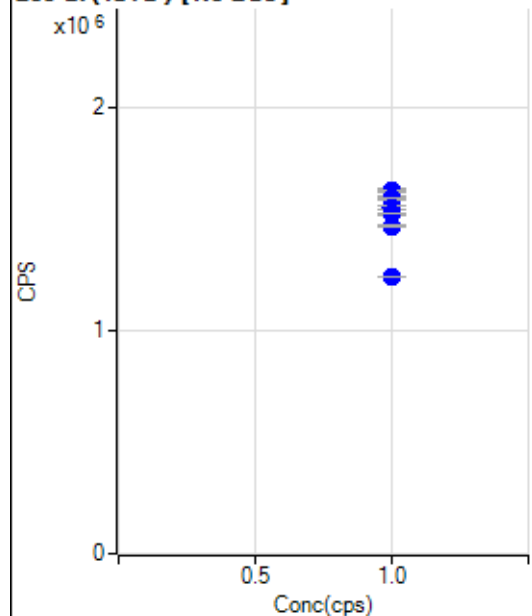
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1495907.88		P	0.5
2	☐	1.000		1495882.82		P	0.2
3	☐	1.000		1483258.43		P	0.5
4	☐	1.000		1458940.05		P	0.8
5	☐	1.000		1394402.96		P	0.2
6	☐	1.000		1372622.15		P	0.0
7	☐	1.000		1358649.63		P	0.5
8	☐	1.000		1347375.08		P	0.8
9	☐	1.000		1237857.37		P	1.1

165 Ho (ISTD) [No Gas]

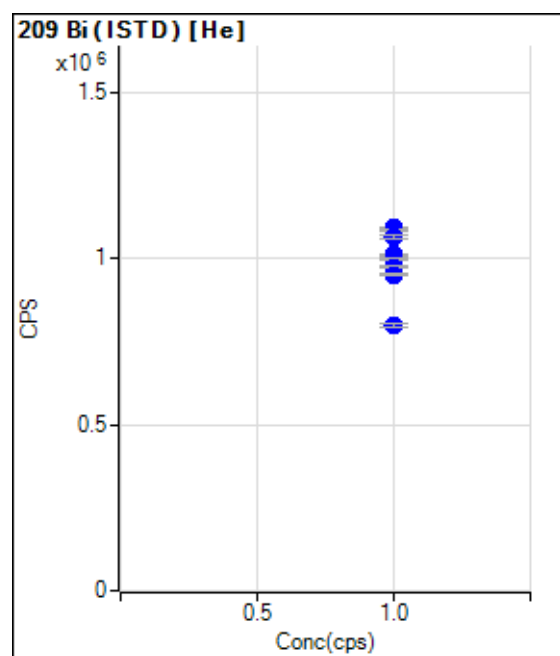
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2536133.83		A	1.5
2	☐	1.000		2436145.74		A	0.1
3	☐	1.000		2426829.16		A	0.4
4	☐	1.000		2425406.65		A	0.7
5	☐	1.000		2361631.48		A	0.9
6	☐	1.000		2327238.66		A	1.4
7	☐	1.000		2343047.47		A	0.5
8	☐	1.000		2335202.90		A	0.4
9	☐	1.000		2160039.93		A	0.9

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1512090.03		P	0.8
2	☐	1.000		1509069.96		P	0.1
3	☐	1.000		1502641.66		P	0.5
4	☐	1.000		1479972.96		P	0.8
5	☐	1.000		1414976.07		P	0.2
6	☐	1.000		1396780.05		P	0.6
7	☐	1.000		1392053.81		P	0.4
8	☐	1.000		1375468.62		P	1.0
9	☐	1.000		1272684.33		P	1.4

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1624516.71		P	1.8
2	☐	1.000		1628965.39		P	0.6
3	☐	1.000		1599979.56		P	0.5
4	☐	1.000		1595294.00		P	0.6
5	☐	1.000		1556536.78		P	0.9
6	☐	1.000		1524045.65		P	0.5
7	☐	1.000		1529813.55		P	0.1
8	☐	1.000		1471805.26		P	0.4
9	☐	1.000		1243153.85		P	0.3



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1092995.79		P	0.8
2	☐	1.000		1091554.87		P	0.3
3	☐	1.000		1088449.17		P	0.5
4	☐	1.000		1065788.94		P	0.6
5	☐	1.000		1011402.66		P	0.8
6	☐	1.000		1000576.86		P	0.8
7	☐	1.000		975571.01		P	0.4
8	☐	1.000		952139.06		P	0.8
9	☐	1.000		800606.56		P	1.3