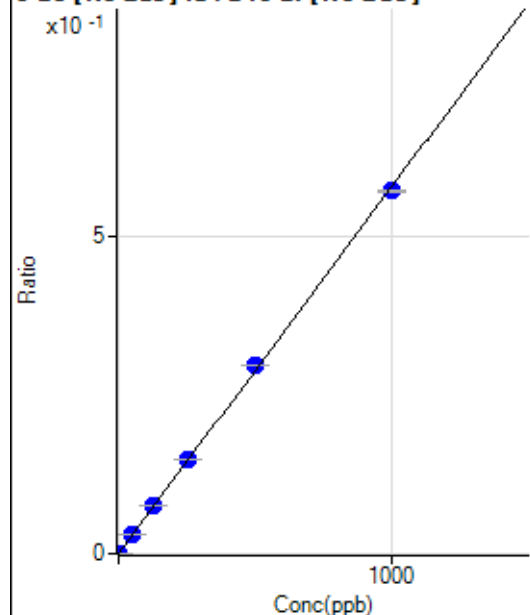


Batch Folder: D:\ICP-MS Data\P7082619IMS.b\
Analysis File: P7082619IMS.batch.bin
DA Date-Time: 2019-08-26 14:04:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	007CALB.d	S00	2019-08-26 13:54:56
2	008CALS.d	S02	2019-08-26 13:58:31
3	009CALS.d	S03	2019-08-26 14:02:23
4	010CALS.d	S04	2019-08-26 14:06:16
5	011CALS.d	S05	2019-08-26 14:10:08
6	012CALS.d	S06	2019-08-26 14:13:58
7	013CALS.d	S07	2019-08-26 14:17:48
8	014CALS.d	S08	2019-08-26 14:21:35

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	33.6
2	☐	1.000	1.058	1402.31	0.0006	P	4.2
3	☐	50.000	52.754	67681.07	0.0306	P	0.3
4	☐	125.000	131.454	160630.09	0.0761	P	0.4
5	☐	250.000	259.384	290294.94	0.1501	P	0.2
6	☐	500.000	513.705	551563.28	0.2973	P	0.8
7	☐	1000.000	989.857	1112242.20	0.5729	P	0.2
8	☐			293.34	0.0001	P	7.4

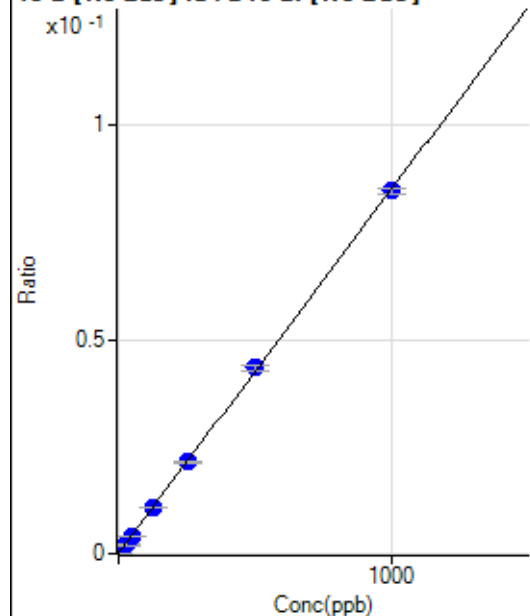
$$y = 5.7877\text{E-}004 * x + 1.9826\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.03456$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.24	0.0001	P	30.4
2	☐	25.000	22.644	4517.54	0.0020	P	2.8
3	☐	50.000	47.874	9261.52	0.0042	P	3.5
4	☐	125.000	125.315	22709.55	0.0108	P	1.9
5	☐	250.000	251.764	41572.04	0.0215	P	1.7
6	☐	500.000	508.778	80399.42	0.0433	P	2.3
7	☐	1000.000	995.296	164400.48	0.0847	P	1.5
8	☐			8519.39	0.0043	P	6.3

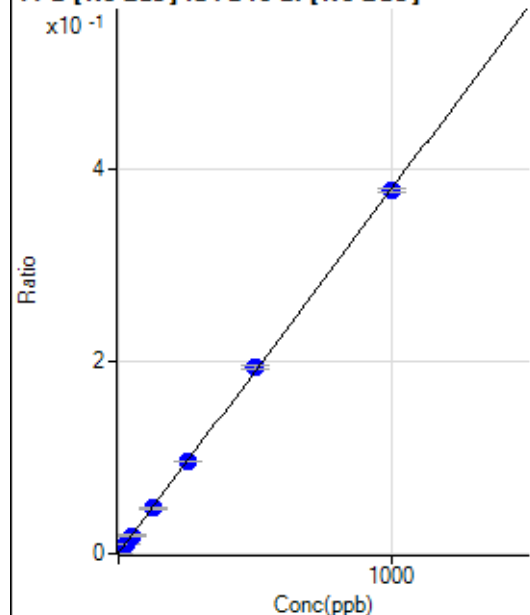
$$y = 8.4968\text{E-}005 * x + 1.1307\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.215$$

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	1194.54	0.0005	P	9.6
2	☐	25.000	22.649	20239.28	0.0091	P	0.3
3	☐	50.000	48.564	41964.64	0.0189	P	1.2
4	☐	125.000	122.955	99447.51	0.0471	P	2.6
5	☐	250.000	252.056	185656.12	0.0960	P	1.0
6	☐	500.000	510.155	359519.64	0.1938	P	1.6
7	☐	1000.000	994.795	732680.61	0.3774	P	1.0
8	☐			38288.59	0.0193	P	8.0

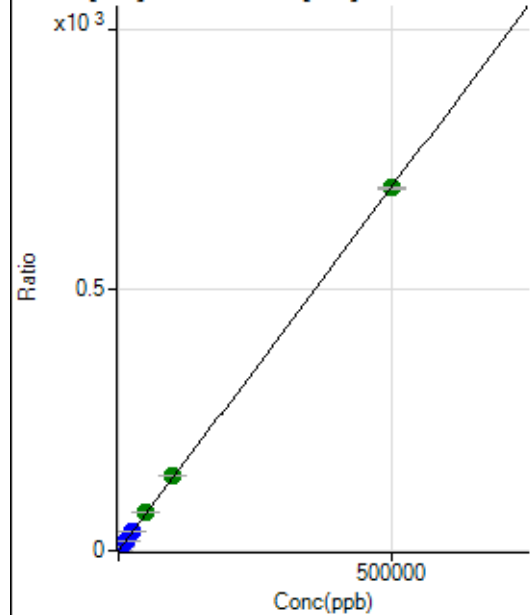
$$y = 3.7883E-004 * x + 5.4640E-004$$

$$R = 0.9999$$

$$DL = 0.4172$$

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	3055.99	0.0227	P	6.2
2	☐	500.000	479.917	93618.88	0.6912	P	1.1
3	☐	5000.000	5034.080	927303.17	7.0351	P	0.9
4	☐	12500.000	12722.198	2172448.08	17.7445	P	0.9
5	☐	25000.000	26249.959	4109658.60	36.5885	P	1.4
6	☐	50000.000	52754.425	8206109.39	73.5087	A	0.3
7	☐	100000.00	102984.77	16783763.05	143.4788	A	0.7
8	☐	500000.00	499059.22	85380418.57	695.2038	A	0.5

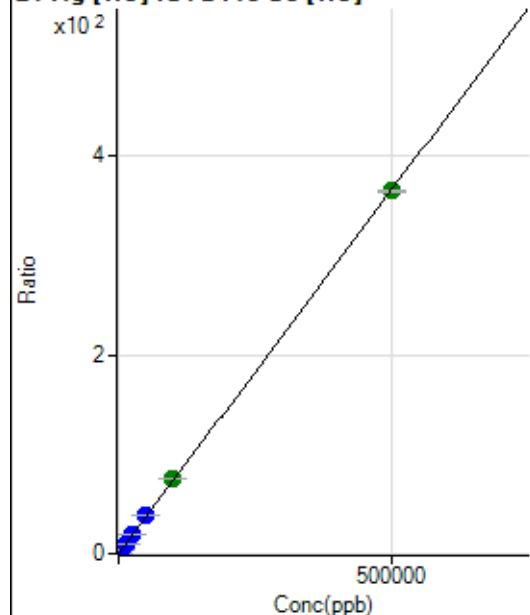
$$y = 0.0014 * x + 0.0227$$

$$R = 1.0000$$

$$DL = 3.024$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0006	P	12.7
2	☐	500.000	497.861	49454.79	0.3652	P	1.9
3	☐	5000.000	5132.060	495477.75	3.7590	P	1.0
4	☐	12500.000	12924.665	1158891.95	9.4658	P	1.1
5	☐	25000.000	26565.677	2185345.80	19.4557	P	1.1
6	☐	50000.000	52920.773	4326585.99	38.7567	P	0.4
7	☐	100000.00	103928.81	8903435.35	76.1120	A	0.6
8	☐	500000.00	498831.94	44865579.13	365.3159	A	0.4

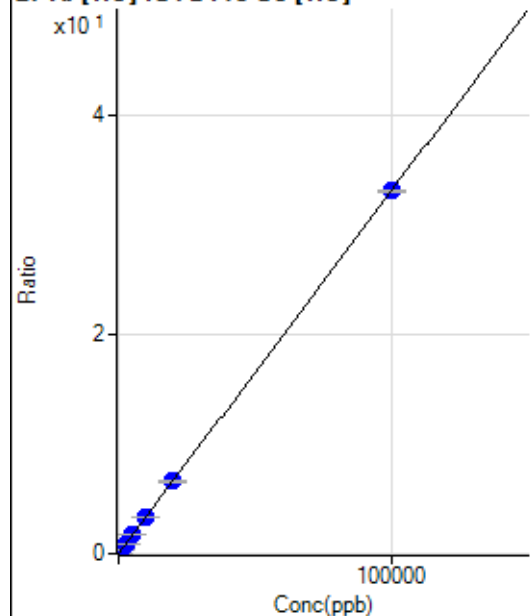
$$y = 7.3234\text{E-}004 * x + 5.7873\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.3017$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	20.000	19.971	900.07	0.0066	P	13.3
3	☐	1000.000	1002.375	43684.10	0.3314	P	2.3
4	☐	2500.000	2490.682	100816.35	0.8234	P	0.2
5	☐	5000.000	5137.755	190764.70	1.6985	P	2.1
6	☐	10000.000	10218.918	377132.18	3.3783	P	0.1
7	☐	20000.000	19950.677	771522.23	6.5955	P	0.8
8	☐	100000.00	99981.294	4059283.12	33.0525	P	0.4

$$y = 3.3059\text{E-}004 * x + 4.1343\text{E-}005$$

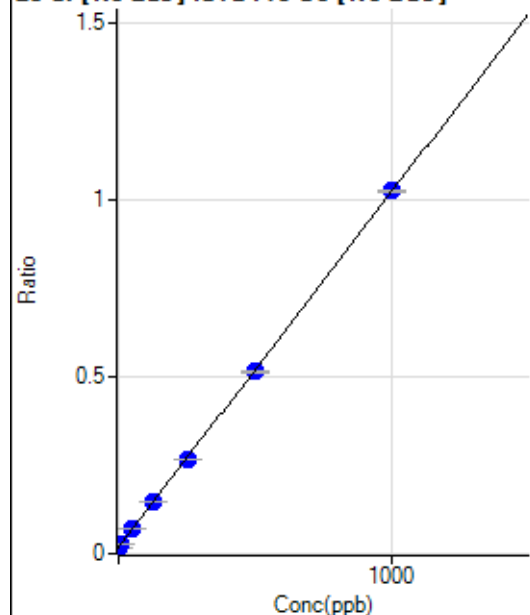
$$R = 1.0000$$

$$DL = 0.3249$$

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	67865.86	0.0184	P	2.0
2	☐	10.000	8.820	100886.00	0.0273	P	0.5
3	☐	50.000	50.618	254882.56	0.0693	P	0.7
4	☐	125.000	127.912	511065.85	0.1470	P	0.2
5	☐	250.000	247.780	848288.46	0.2675	P	0.8
6	☐	500.000	494.723	1569734.67	0.5159	P	1.0
7	☐	1000.000	1002.810	3274320.67	1.0268	P	0.3
8	☐			406323.48	0.1242	P	1.3

$$y = 0.0010 * x + 0.0184$$

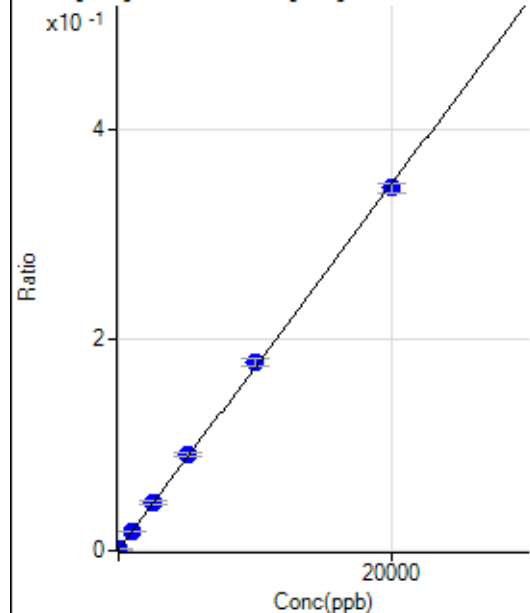
$$R = 1.0000$$

$$DL = 1.122$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-22.388	47.22	0.0004	P	26.6
2	☐	0.000	22.388	152.79	0.0011	P	15.4
3	☐	1000.000	994.709	2372.52	0.0180	P	3.3
4	☐	2500.000	2565.307	5540.15	0.0452	P	6.1
5	☐	5000.000	5186.819	10189.97	0.0907	P	4.1
6	☐	10000.000	10292.586	20014.13	0.1793	P	3.8
7	☐	20000.000	19799.103	40261.00	0.3442	P	2.5
8	☐			41.67	0.0003	P	34.8

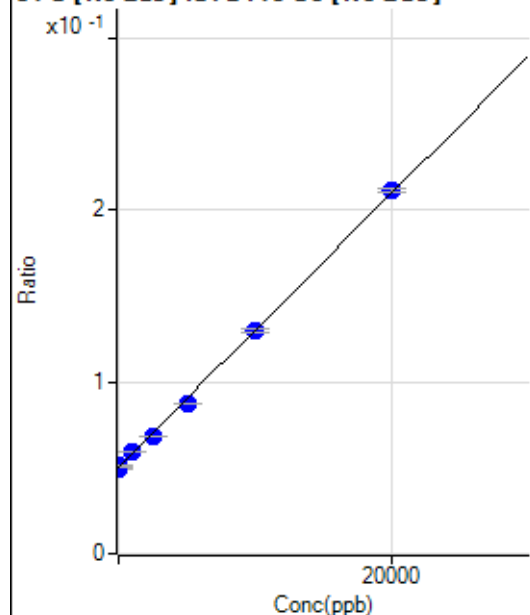
$$y = 1.7347E-005 * x + 7.3931E-004$$

$$R = 0.9998$$

$$DL = 23.05$$

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	-116.451	181855.92	0.0493	P	1.3
2	☐	0.000	116.451	189259.68	0.0511	P	1.5
3	☐	1000.000	1105.637	217143.06	0.0590	P	0.1
4	☐	2500.000	2265.843	237347.88	0.0683	P	0.6
5	☐	5000.000	4589.537	275209.50	0.0868	P	0.4
6	☐	10000.000	9938.434	393836.58	0.1294	P	1.2
7	☐	20000.000	20157.387	672430.50	0.2109	P	0.9
8	☐			151227.52	0.0462	P	1.5

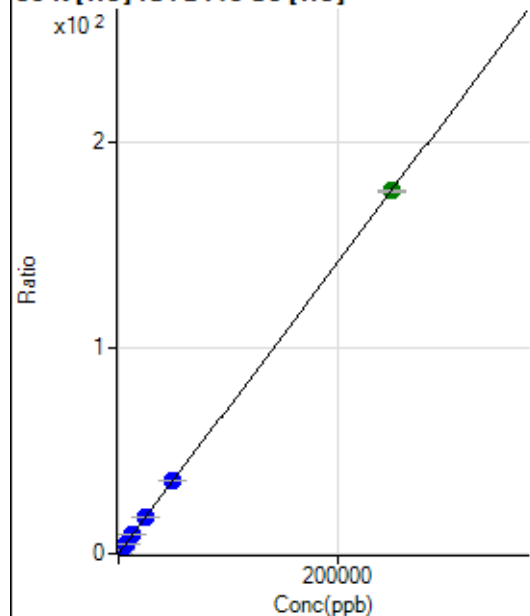
$$y = 7.9700\text{E-}006 * x + 0.0502$$

$$R = 0.9996$$

$$DL = 262.4$$

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	8711.26	0.0648	P	2.2
2	☐	500.000	488.135	55487.81	0.4097	P	1.0
3	☐	2500.000	2570.281	247935.54	1.8810	P	1.2
4	☐	6250.000	6380.321	559889.05	4.5733	P	1.5
5	☐	12500.000	12899.865	1031143.58	9.1802	P	1.3
6	☐	25000.000	25641.275	2029924.74	18.1836	P	0.3
7	☐	50000.000	50100.395	4148879.00	35.4672	P	0.2
8	☐	250000.00	249891.86	21694317.50	176.6455	A	0.3

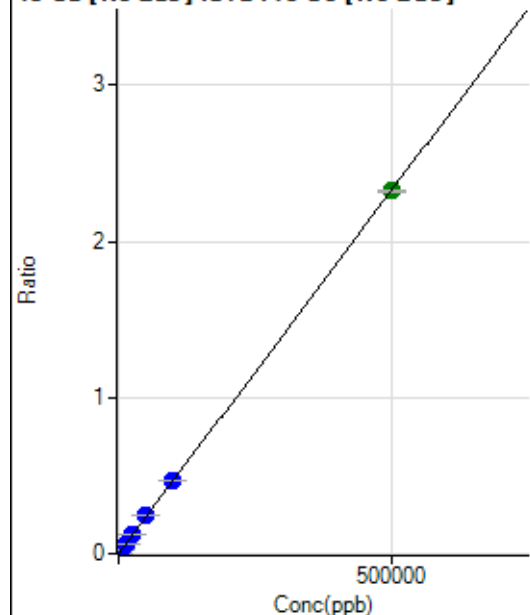
$$y = 7.0663\text{E-}004 * x + 0.0648$$

$$R = 1.0000$$

$$DL = 6.032$$

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	58.34	0.0000	P	28.5
2	☐	500.000	469.052	8135.87	0.0022	P	2.0
3	☐	5000.000	5129.583	87871.50	0.0239	P	0.3
4	☐	12500.000	12810.967	207322.03	0.0596	P	0.8
5	☐	25000.000	25993.424	383637.44	0.1210	P	0.5
6	☐	50000.000	51933.315	735503.50	0.2417	P	0.6
7	☐	100000.00	101496.78	1506338.88	0.4724	P	0.4
8	☐	500000.00	499448.60	7605338.02	2.3244	A	0.2

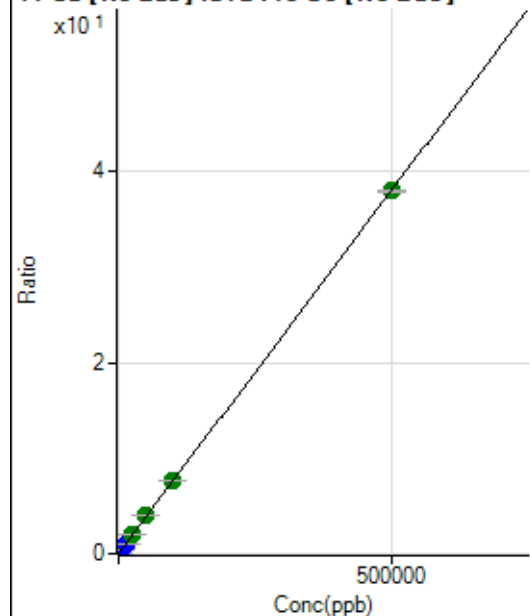
$$y = 4.6539\text{E-}006 * x + 1.5814\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.909$$

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	4131.72	0.0011	P	4.9
2	☐	500.000	475.364	137848.70	0.0373	P	0.6
3	☐	5000.000	5033.046	1411392.93	0.3837	P	0.1
4	☐	12500.000	12717.920	3364565.94	0.9679	P	0.3
5	☐	25000.000	25814.752	6225450.92	1.9634	A	0.1
6	☐	50000.000	52003.219	12032043.41	3.9541	A	0.3
7	☐	100000.00	101545.67	24618180.59	7.7200	A	0.4
8	☐	500000.00	499444.05	124221481.9	37.9659	A	0.3

$$y = 7.6014\text{E-}005 * x + 0.0011$$

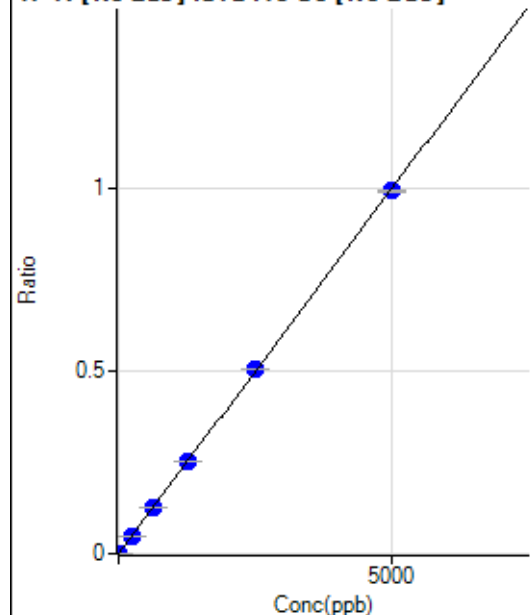
$$R = 1.0000$$

$$DL = 2.152$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	80.0
2	☐	5.000	4.823	3617.26	0.0010	P	7.5
3	☐	250.000	249.858	183868.34	0.0500	P	0.3
4	☐	625.000	628.338	436911.28	0.1257	P	0.3
5	☐	1250.000	1273.100	807399.11	0.2546	P	0.1
6	☐	2500.000	2535.892	1543408.32	0.5072	P	0.3
7	☐	5000.000	4975.869	3173591.37	0.9952	P	0.4
8	☐			1280.67	0.0004	P	4.4

$$y = 2.0001E-004 * x + 1.2836E-005$$

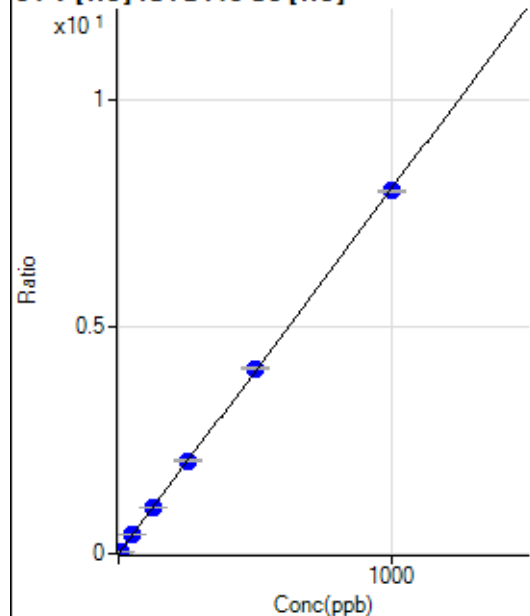
$$R = 0.9999$$

$$DL = 0.154$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	5.197	5670.07	0.0419	P	1.9
3	☐	50.000	50.703	53821.21	0.4083	P	1.4
4	☐	125.000	126.822	125039.60	1.0213	P	1.4
5	☐	250.000	255.514	231120.96	2.0577	P	1.7
6	☐	500.000	508.042	456739.45	4.0914	P	0.9
7	☐	1000.000	994.336	936703.92	8.0076	P	0.7
8	☐			223.34	0.0018	P	19.3

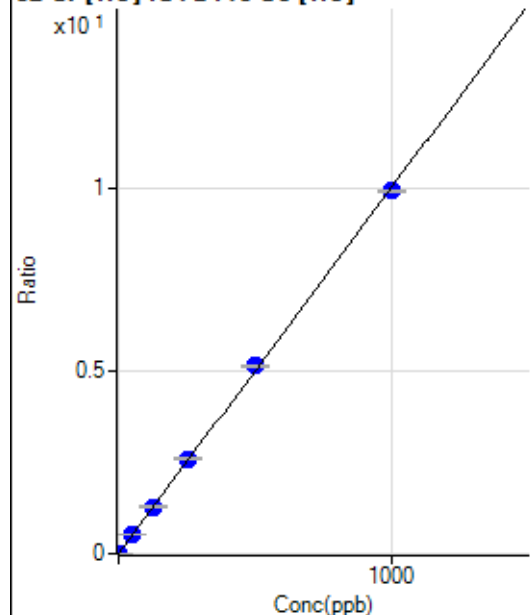
$$y = 0.0081 * x + 1.6548E-005$$

$$R = 0.9999$$

$$DL = 0.005339$$

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	137.78	0.0010	P	11.7
2	☐	2.000	2.024	2885.88	0.0213	P	4.6
3	☐	50.000	51.471	68106.32	0.5168	P	2.1
4	☐	125.000	127.974	157107.22	1.2833	P	1.5
5	☐	250.000	258.253	290765.55	2.5887	P	1.4
6	☐	500.000	512.861	573777.75	5.1398	P	0.5
7	☐	1000.000	991.061	1161737.93	9.9313	P	0.4
8	☐			30702.07	0.2500	P	0.6

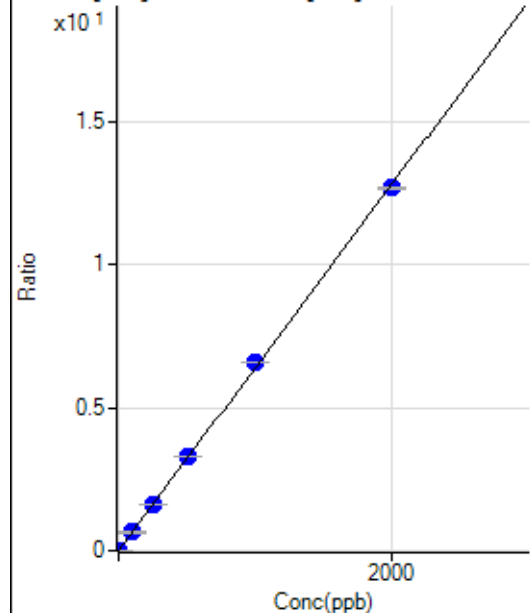
$$y = 0.0100 * x + 0.0010$$

$$R = 0.9998$$

$$DL = 0.03595$$

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	32.22	0.0002	P	31.3
2	☐	1.000	0.997	896.71	0.0066	P	2.0
3	☐	100.000	100.647	84939.83	0.6445	P	1.7
4	☐	250.000	251.766	197320.05	1.6117	P	1.1
5	☐	500.000	514.234	369732.64	3.2917	P	1.4
6	☐	1000.000	1027.269	734056.31	6.5755	P	0.4
7	☐	2000.000	1982.554	1484449.32	12.6901	P	0.4
8	☐			5110.97	0.0416	P	4.7

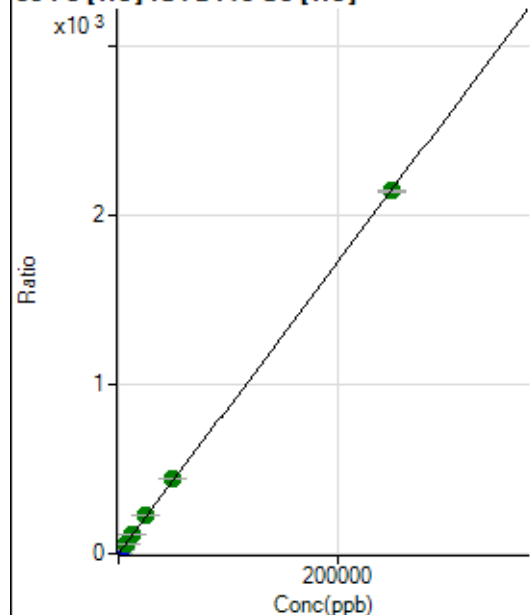
$$y = 0.0064 * x + 2.3954E-004$$

$$R = 0.9998$$

$$DL = 0.03514$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1831.65	0.0136	P	2.2
2	☐	50.000	54.060	64842.95	0.4788	P	0.2
3	☐	2500.000	2638.043	2993773.88	22.7132	P	1.2
4	☐	6250.000	6560.511	6912708.43	56.4648	A	1.4
5	☐	12500.000	13362.068	12915236.40	114.9900	A	1.9
6	☐	25000.000	26644.468	25595595.48	229.2809	A	0.1
7	☐	50000.000	51194.261	51531510.88	440.5242	A	0.3
8	☐	250000.00	249544.45	263711272.5	2147.265	A	0.2

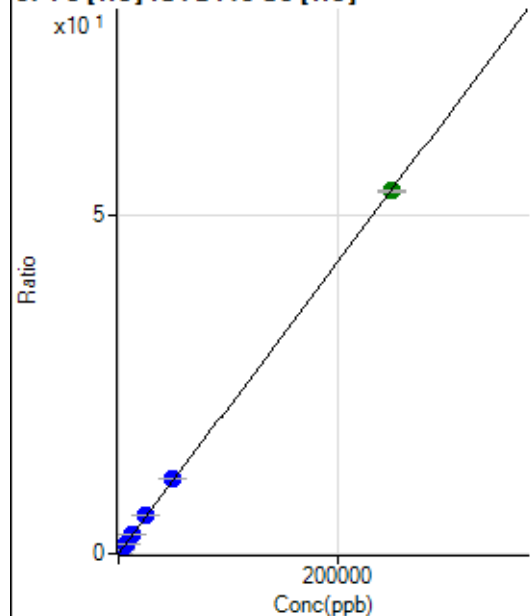
$$y = 0.0086 * x + 0.0136$$

$$R = 1.0000$$

$$DL = 0.1046$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	98.15	0.0007	P	32.7
2	☐	50.000	53.331	1653.84	0.0122	P	3.5
3	☐	2500.000	2624.896	74568.45	0.5658	P	1.6
4	☐	6250.000	6588.279	173709.01	1.4189	P	1.8
5	☐	12500.000	13461.676	325544.03	2.8984	P	1.9
6	☐	25000.000	26675.454	641089.47	5.7428	P	0.7
7	☐	50000.000	51400.046	1294347.00	11.0649	P	0.1
8	☐	250000.00	249494.65	6595779.31	53.7058	A	0.4

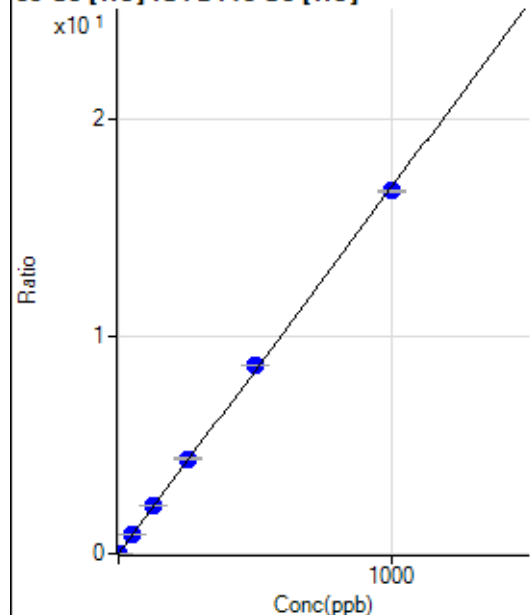
$$y = 2.1526E-004 * x + 7.3080E-004$$

$$R = 1.0000$$

$$DL = 3.334$$

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	51.11	0.0004	P	27.0
2	☐	1.000	0.988	2311.33	0.0171	P	4.1
3	☐	50.000	52.484	116839.13	0.8864	P	1.0
4	☐	125.000	129.742	268207.08	2.1907	P	1.0
5	☐	250.000	259.769	492608.67	4.3858	P	1.6
6	☐	500.000	513.284	967384.36	8.6657	P	0.4
7	☐	1000.000	990.199	1955496.86	16.7170	P	0.6
8	☐			24823.40	0.2021	P	1.5

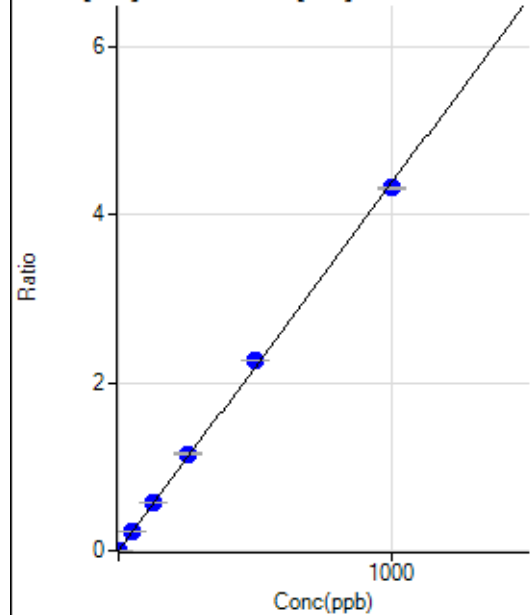
$$y = 0.0169 * x + 3.8051E-004$$

$$R = 0.9998$$

$$DL = 0.01823$$

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	44.44	0.0003	P	22.8
2	☐	1.000	1.046	664.47	0.0049	P	10.7
3	☐	50.000	54.050	31203.35	0.2368	P	2.4
4	☐	125.000	132.246	70862.46	0.5788	P	1.2
5	☐	250.000	263.296	129398.02	1.1520	P	1.5
6	☐	500.000	516.915	252452.51	2.2614	P	0.6
7	☐	1000.000	987.110	505123.90	4.3182	P	0.7
8	☐			13590.90	0.1107	P	1.9

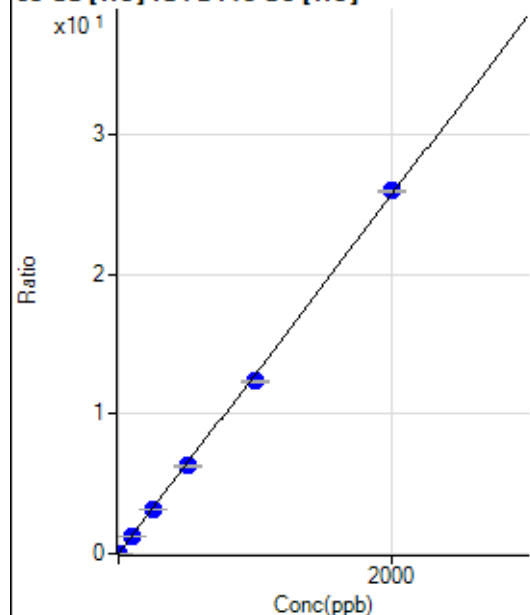
$$y = 0.0044 * x + 3.3056E-004$$

$$R = 0.9997$$

$$DL = 0.05178$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	307.79	0.0023	P	14.2
2	☐	2.000	1.905	3619.39	0.0267	P	2.0
3	☐	100.000	100.233	169783.64	1.2882	P	2.1
4	☐	250.000	246.912	388095.80	3.1701	P	1.4
5	☐	500.000	488.822	704662.34	6.2737	P	1.5
6	☐	1000.000	961.962	1377995.00	12.3438	P	0.7
7	☐	2000.000	2022.188	3035079.19	25.9461	P	0.8
8	☐			4444.08	0.0362	P	2.8

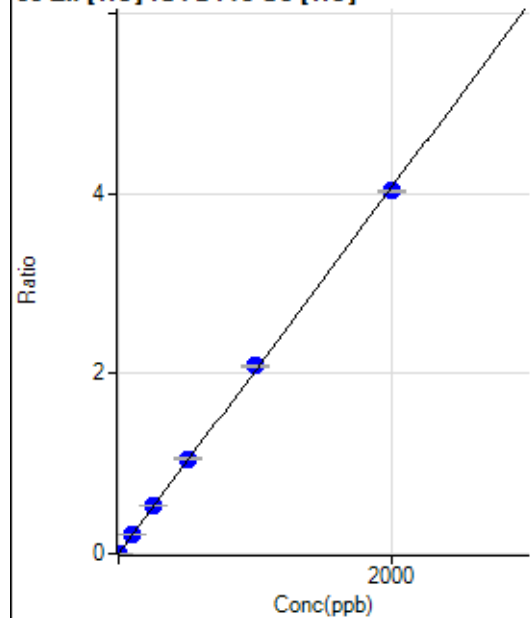
$$y = 0.0128 * x + 0.0023$$

$$R = 0.9997$$

$$DL = 0.07594$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0014	P	18.4
2	☐	2.000	1.950	722.25	0.0053	P	8.6
3	☐	100.000	104.283	28146.12	0.2135	P	1.8
4	☐	250.000	260.042	64943.62	0.5304	P	0.7
5	☐	500.000	517.359	118381.49	1.0540	P	2.0
6	☐	1000.000	1024.669	232886.52	2.0862	P	0.6
7	☐	2000.000	1981.856	471844.77	4.0337	P	0.6
8	☐			3730.54	0.0304	P	1.9

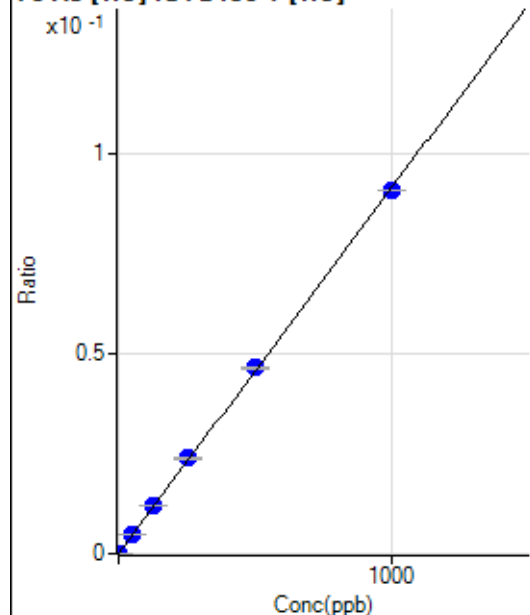
$$y = 0.0020 * x + 0.0014$$

$$R = 0.9998$$

$$DL = 0.371$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.09	0.0000	P	173.
2	☐	1.000	0.991	161.12	0.0001	P	7.0
3	☐	50.000	53.197	8312.93	0.0049	P	1.1
4	☐	125.000	130.873	19293.13	0.0120	P	1.1
5	☐	250.000	260.476	35622.52	0.0238	P	1.0
6	☐	500.000	508.553	69261.30	0.0465	P	0.8
7	☐	1000.000	992.211	139668.55	0.0908	P	0.1
8	☐			204.94	0.0001	P	13.9

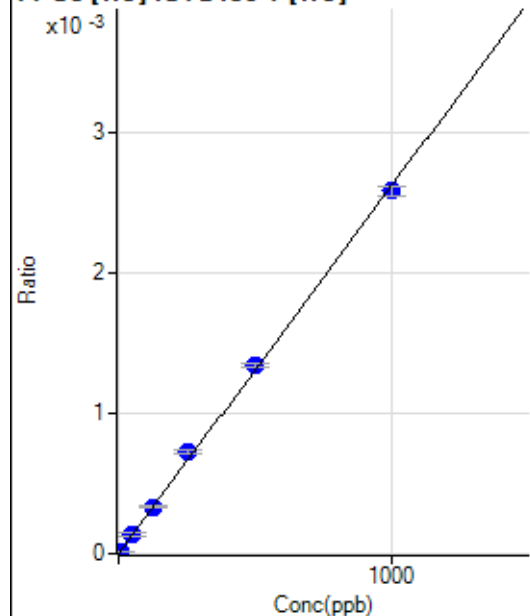
$$y = 9.1512\text{E-}005 * x + 1.7936\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1018$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.360	24.44	0.0000	P	47.6
3	☐	50.000	53.514	238.89	0.0001	P	23.6
4	☐	125.000	127.911	538.91	0.0003	P	5.5
5	☐	250.000	276.694	1081.17	0.0007	P	4.0
6	☐	500.000	512.620	1994.61	0.0013	P	1.4
7	☐	1000.000	986.475	3967.27	0.0026	P	2.7
8	☐			4.44	0.0000	P	43.6

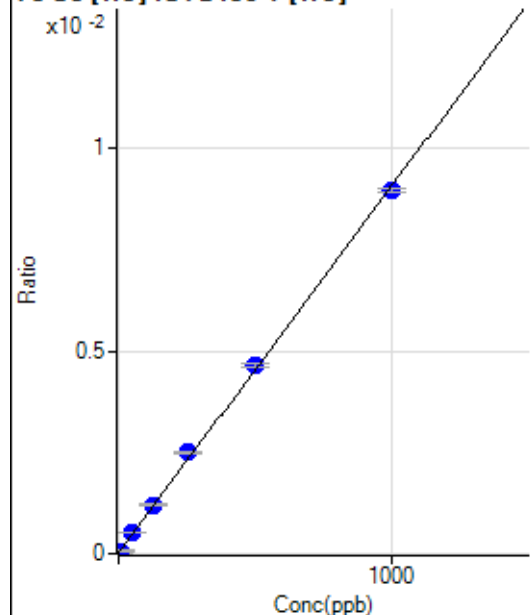
$$y = 2.6146\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

$$DL = 0$$

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	35.80	0.0000	P	18.4
2	☐	5.000	5.395	120.99	0.0001	P	6.1
3	☐	50.000	55.394	890.78	0.0005	P	5.6
4	☐	125.000	130.354	1933.48	0.0012	P	2.4
5	☐	250.000	275.008	3749.90	0.0025	P	2.3
6	☐	500.000	510.683	6908.49	0.0046	P	2.3
7	☐	1000.000	987.465	13778.24	0.0090	P	1.1
8	☐			35.18	0.0000	P	36.6

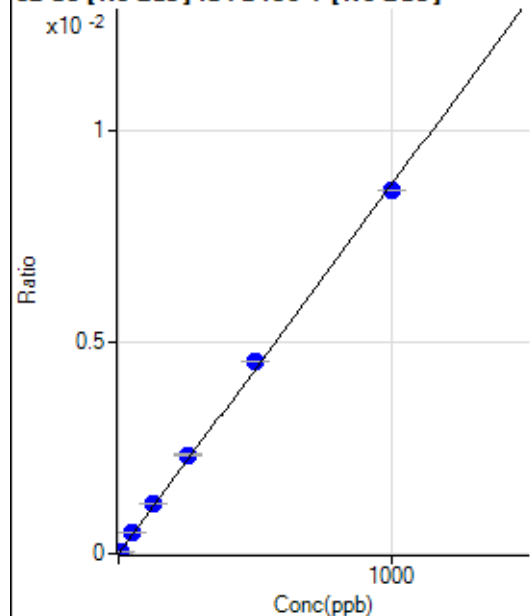
$$y = 9.0501\text{E-}006 * x + 2.0590\text{E-}005$$

$$R = 0.9996$$

$$DL = 1.253$$

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	26.38	0.0000	P	112.
2	☐	5.000	5.479	645.66	0.0000	P	7.6
3	☐	50.000	55.064	6231.28	0.0005	P	1.0
4	☐	125.000	136.311	14810.63	0.0012	P	1.7
5	☐	250.000	267.381	27142.45	0.0023	P	0.7
6	☐	500.000	521.058	51633.23	0.0046	P	0.5
7	☐	1000.000	983.456	101811.53	0.0086	P	0.1
8	☐			106.67	0.0000	P	4.6

$$y = 8.7363\text{E-}006 * x + 2.0468\text{E-}006$$

$$R = 0.9995$$

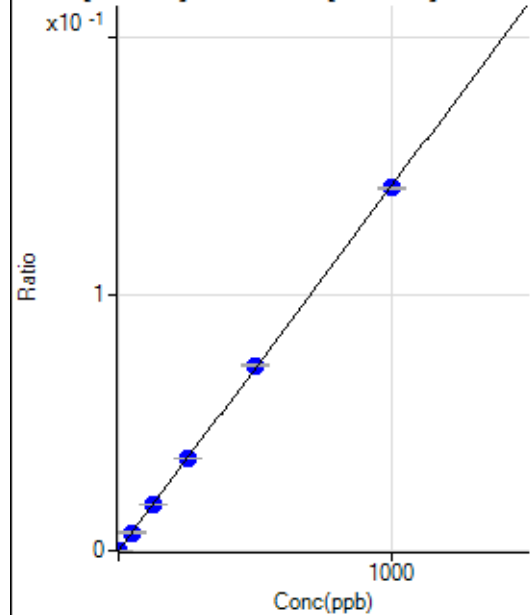
$$DL = 0.7871$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			152.23		P	9.9
2	☐			158.89		P	14.3
3	☐			172.22		P	4.0
4	☐			144.45		P	13.1
5	☐			151.12		P	12.9
6	☐			134.45		P	21.7
7	☐			121.11		P	8.4
8	☐			160.00		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	255.57	0.0000	P	24.7
2	☐	1.000	0.900	1911.32	0.0001	P	12.3
3	☐	50.000	49.843	91660.59	0.0071	P	1.7
4	☐	125.000	125.828	222349.52	0.0179	P	0.7
5	☐	250.000	254.129	419731.38	0.0362	P	0.1
6	☐	500.000	508.025	819178.87	0.0723	P	0.5
7	☐	1000.000	994.860	1676084.36	0.1415	P	0.7
8	☐			7157.64	0.0006	P	2.6

$$y = 1.4218\text{E-}004 * x + 1.9832\text{E-}005$$

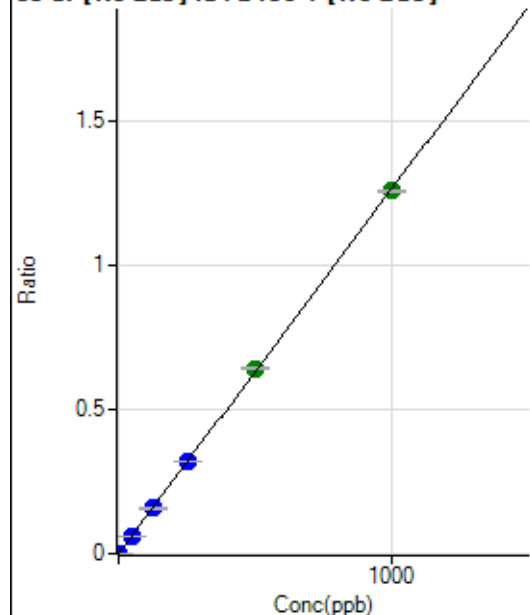
$$R = 0.9999$$

$$DL = 0.1035$$

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	77.78	0.0000	P	32.4
2	☐	1.000	0.929	15233.67	0.0012	P	1.5
3	☐	50.000	49.297	801943.54	0.0622	P	0.6
4	☐	125.000	124.121	1943311.96	0.1565	P	0.7
5	☐	250.000	251.307	3679435.54	0.3169	P	0.4
6	☐	500.000	508.389	7269156.41	0.6411	A	0.4
7	☐	1000.000	995.624	14875190.26	1.2556	A	0.2
8	☐			62352.76	0.0053	P	0.6

$$y = 0.0013 * x + 6.0318E-006$$

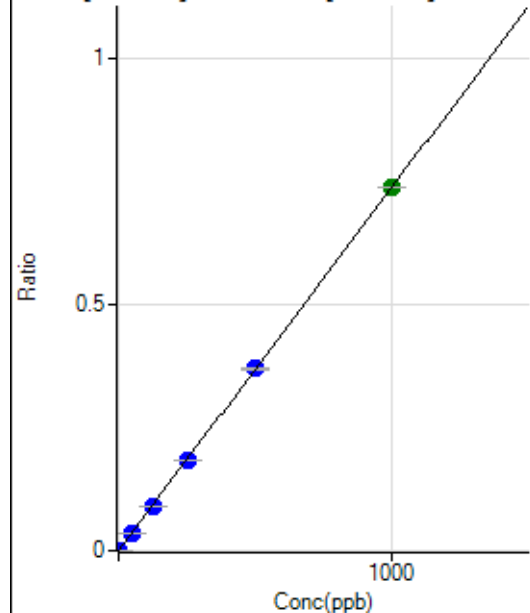
$$R = 0.9999$$

$$DL = 0.004653$$

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	563.93	0.0000	P	12.2
2	☐	1.000	0.844	8594.57	0.0007	P	4.1
3	☐	50.000	48.899	464543.53	0.0360	P	0.2
4	☐	125.000	122.556	1119814.16	0.0902	P	0.4
5	☐	250.000	249.782	2133856.02	0.1838	P	0.5
6	☐	500.000	500.976	4178887.38	0.3686	P	0.3
7	☐	1000.000	999.927	8715120.86	0.7356	A	0.1
8	☐			3372.76	0.0003	P	10.7

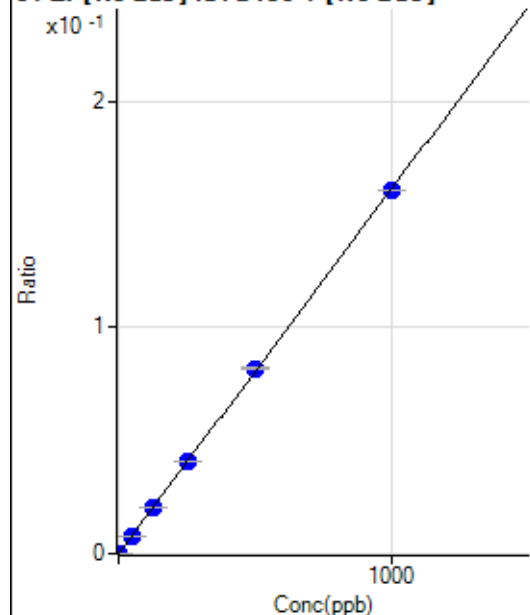
$$y = 7.3564E-004 * x + 4.3781E-005$$

$$R = 1.0000$$

$$DL = 0.02186$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.34	0.0000	P	28.2
2	☐	1.000	0.821	1819.65	0.0001	P	2.4
3	☐	50.000	49.417	102795.11	0.0080	P	1.5
4	☐	125.000	125.101	250320.69	0.0202	P	0.6
5	☐	250.000	254.273	475707.23	0.0410	P	0.5
6	☐	500.000	508.257	928490.06	0.0819	P	0.4
7	☐	1000.000	994.820	1898923.65	0.1603	P	0.2
8	☐			708.38	0.0001	P	12.7

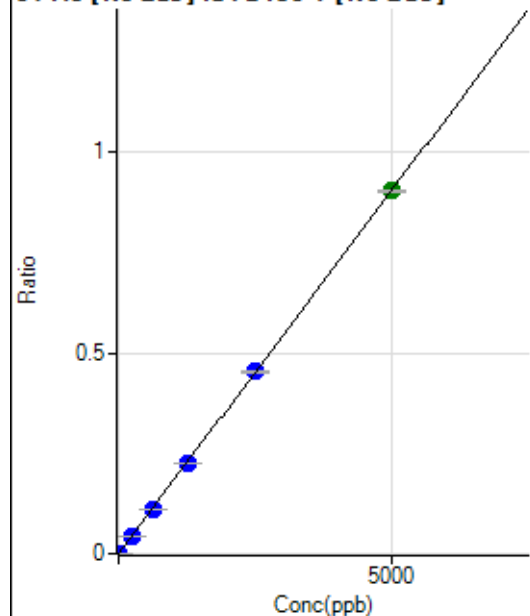
$$y = 1.6111\text{E-}004 * x + 8.4147\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.04412$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	17.2
2	☐	5.000	4.457	10643.25	0.0008	P	0.3
3	☐	250.000	245.835	573990.45	0.0445	P	0.9
4	☐	625.000	616.396	1384961.13	0.1116	P	0.4
5	☐	1250.000	1254.713	2636264.60	0.2271	P	0.5
6	☐	2500.000	2504.109	5137638.18	0.4532	P	0.7
7	☐	5000.000	4998.052	10715205.36	0.9044	A	0.5
8	☐			7935.90	0.0007	P	3.8

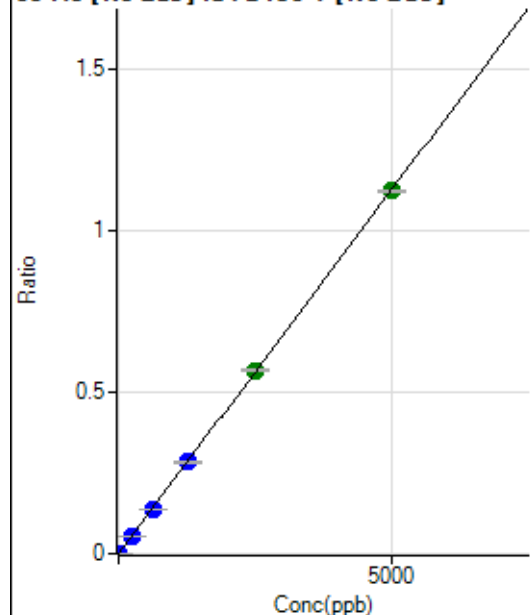
$$y = 1.8096\text{E-}004 * x + 1.6166\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04614$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	49.8
2	☐	5.000	4.642	13540.28	0.0010	P	2.7
3	☐	250.000	245.653	712767.42	0.0553	P	0.6
4	☐	625.000	616.681	1722164.79	0.1387	P	0.3
5	☐	1250.000	1257.100	3283002.18	0.2828	P	0.3
6	☐	2500.000	2524.225	6437540.64	0.5678	A	0.5
7	☐	5000.000	4987.370	13291053.68	1.1219	A	0.5
8	☐			11499.54	0.0010	P	3.3

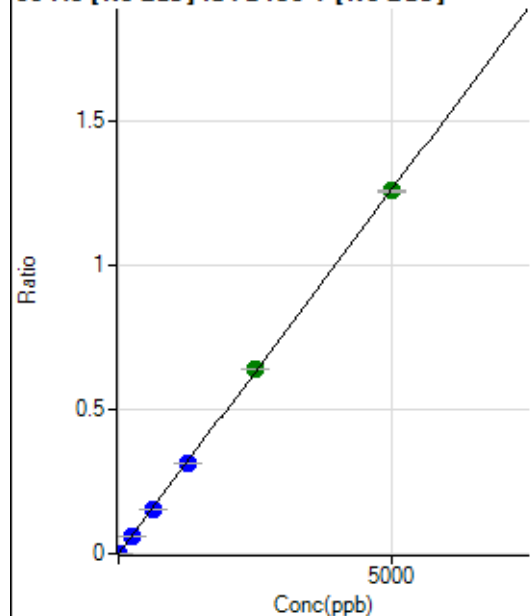
$$y = 2.2494\text{E-}004 * x + 2.5843\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01716$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	26.9
2	☐	5.000	4.484	14730.43	0.0011	P	3.2
3	☐	250.000	244.458	795696.38	0.0617	P	0.4
4	☐	625.000	612.147	1917692.01	0.1545	P	0.2
5	☐	1250.000	1248.643	3657836.93	0.3151	P	0.0
6	☐	2500.000	2528.694	7234021.60	0.6380	A	0.2
7	☐	5000.000	4987.877	14910202.76	1.2585	A	0.4
8	☐			17177.70	0.0015	P	5.3

$$y = 2.5232\text{E-}004 * x + 7.3310\text{E-}006$$

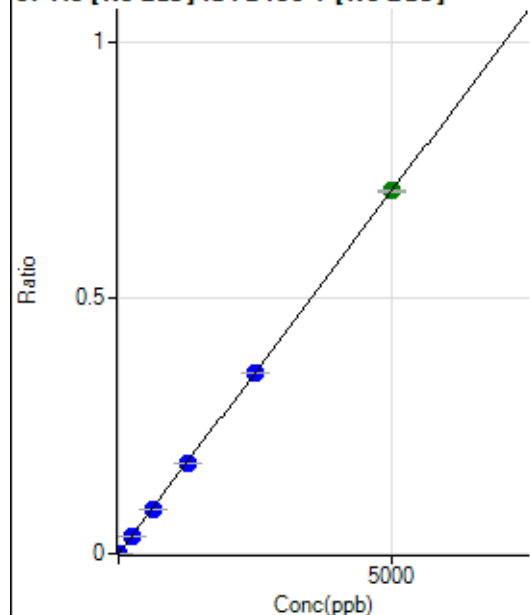
$$R = 1.0000$$

$$DL = 0.02348$$

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	16.67	0.0000	P	50.4
2	☐	5.000	4.817	8836.45	0.0007	P	0.7
3	☐	250.000	245.758	448667.89	0.0348	P	0.3
4	☐	625.000	616.768	1083785.19	0.0873	P	0.2
5	☐	1250.000	1249.263	2052771.12	0.1768	P	0.1
6	☐	2500.000	2495.232	4004073.01	0.3532	P	0.1
7	☐	5000.000	5003.810	8390317.29	0.7082	A	0.5
8	☐			7024.26	0.0006	P	5.4

$$y = 1.4153E-004 * x + 1.2950E-006$$

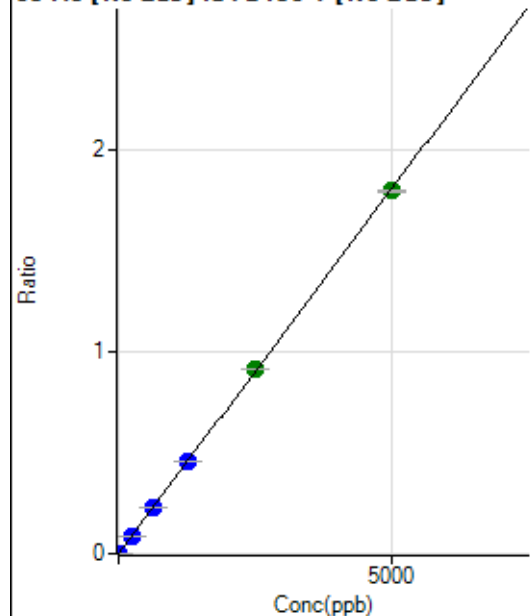
$$R = 1.0000$$

$$DL = 0.01382$$

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	38.89	0.0000	P	45.0
2	☐	5.000	4.672	21861.97	0.0017	P	2.1
3	☐	250.000	246.747	1149123.21	0.0891	P	0.5
4	☐	625.000	622.032	2788230.55	0.2246	P	0.5
5	☐	1250.000	1266.754	5309920.87	0.4574	P	0.2
6	☐	2500.000	2539.278	10394602.92	0.9168	A	0.2
7	☐	5000.000	4976.706	21287556.21	1.7968	A	0.5
8	☐			17397.32	0.0015	P	3.3

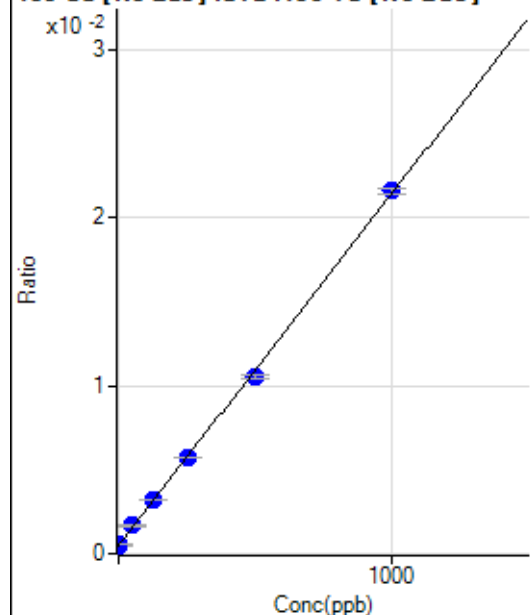
$$y = 3.6105E-004 * x + 3.0218E-006$$

$$R = 0.9999$$

$$DL = 0.01131$$

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	3856.25	0.0005	P	5.1
2	☐	1.000	1.573	4111.90	0.0005	P	3.6
3	☐	50.000	56.422	13226.14	0.0017	P	4.6
4	☐	125.000	128.371	24947.75	0.0032	P	0.7
5	☐	250.000	251.047	44208.78	0.0057	P	0.7
6	☐	500.000	480.398	81609.88	0.0105	P	1.5
7	☐	1000.000	1008.796	175234.49	0.0216	P	1.4
8	☐			3792.33	0.0005	P	1.3

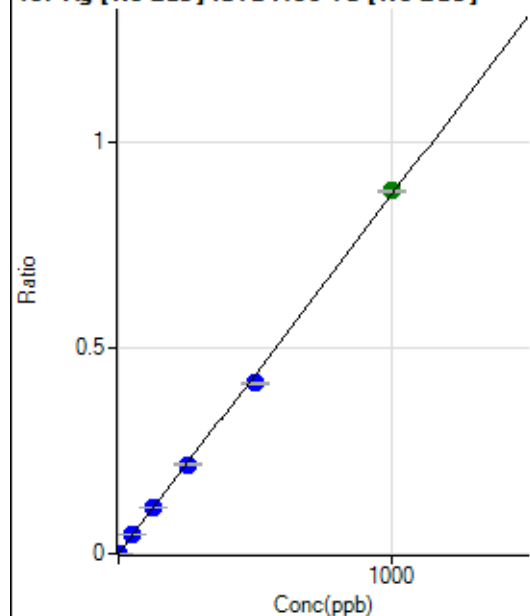
$$y = 2.0921\text{E-}005 * x + 4.9258\text{E-}004$$

$$R = 0.9997$$

$$DL = 3.585$$

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	75.00	0.0000	P	10.8
2	☐	1.000	1.087	7474.45	0.0010	P	2.0
3	☐	50.000	53.244	366306.30	0.0463	P	0.4
4	☐	125.000	129.340	883512.41	0.1126	P	0.7
5	☐	250.000	249.122	1668193.94	0.2168	P	1.0
6	☐	500.000	475.546	3203056.60	0.4138	P	0.4
7	☐	1000.000	1011.742	7143201.64	0.8804	A	0.4
8	☐			891.74	0.0001	P	19.4

$$y = 8.7013\text{E-}004 * x + 9.5775\text{E-}006$$

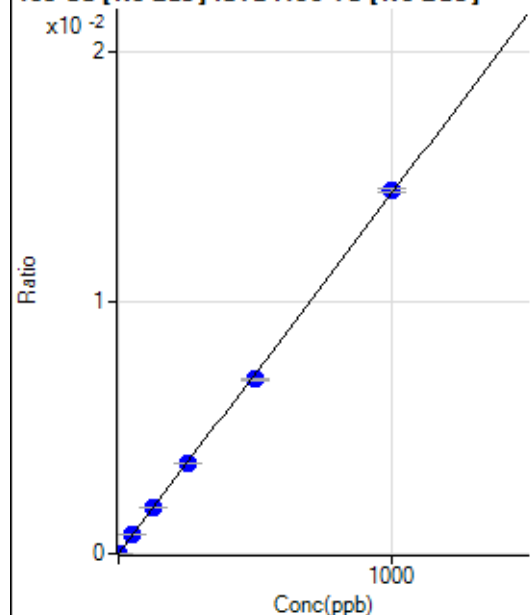
$$R = 0.9995$$

$$DL = 0.00356$$

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	11.11	0.0000	P	43.3
2	☐	1.000	0.879	109.73	0.0000	P	19.7
3	☐	50.000	53.509	6076.43	0.0008	P	1.6
4	☐	125.000	128.224	14443.70	0.0018	P	1.7
5	☐	250.000	250.286	27628.64	0.0036	P	1.0
6	☐	500.000	483.396	53665.24	0.0069	P	0.9
7	☐	1000.000	1007.652	117246.31	0.0145	P	1.2
8	☐			37.50	0.0000	P	40.0

$$y = 1.4339E-005 * x + 1.4190E-006$$

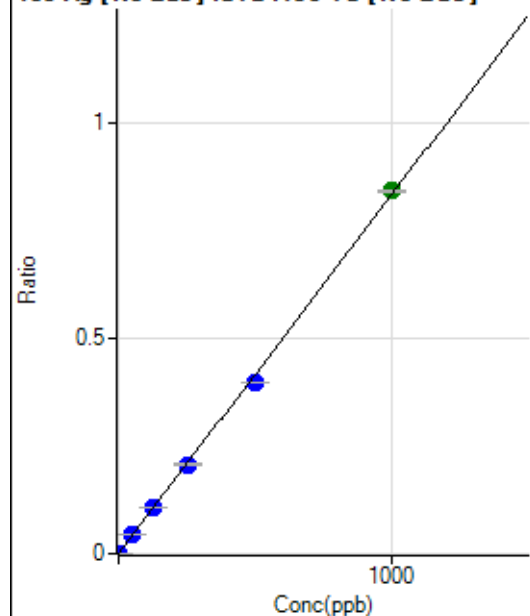
$$R = 0.9998$$

$$DL = 0.1286$$

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	30.56	0.0000	P	30.8
2	☐	1.000	1.025	6721.35	0.0009	P	5.1
3	☐	50.000	53.537	353123.61	0.0447	P	0.3
4	☐	125.000	129.562	848559.53	0.1081	P	0.5
5	☐	250.000	248.296	1594191.36	0.2072	P	1.3
6	☐	500.000	476.836	3079536.09	0.3978	P	0.3
7	☐	1000.000	1011.261	6845786.01	0.8437	A	0.5
8	☐			930.63	0.0001	P	23.6

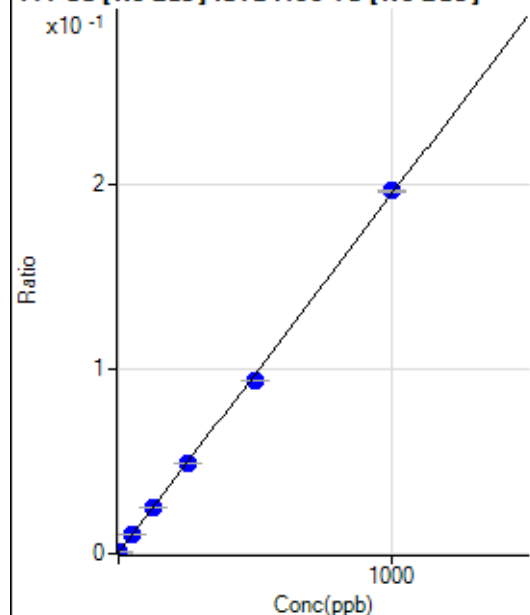
$$y = 8.3432E-004 * x + 3.8977E-006$$

$$R = 0.9996$$

$$DL = 0.004312$$

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	2704.10	0.0003	P	5.2
2	☐	1.000	1.090	4359.97	0.0006	P	3.1
3	☐	50.000	53.114	84296.31	0.0107	P	1.4
4	☐	125.000	128.901	199267.78	0.0254	P	0.3
5	☐	250.000	249.072	374992.15	0.0487	P	0.8
6	☐	500.000	478.965	722887.44	0.0934	P	0.1
7	☐	1000.000	1010.106	1594884.37	0.1966	P	0.7
8	☐			3049.23	0.0004	P	4.3

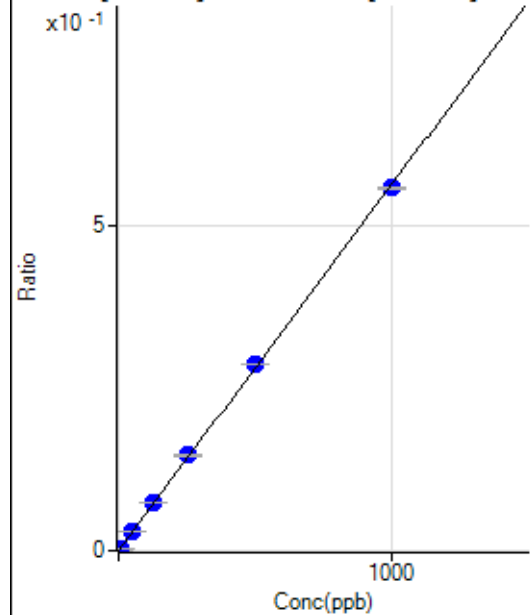
$$y = 1.9426\text{E-}004 * x + 3.4541\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.2797$$

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	725.05	0.0001	P	7.3
2	☐	5.000	5.307	24127.10	0.0031	P	2.0
3	☐	50.000	53.640	239685.22	0.0303	P	0.2
4	☐	125.000	131.908	584219.80	0.0744	P	0.2
5	☐	250.000	260.407	1130004.96	0.1468	P	1.2
6	☐	500.000	509.663	2223938.65	0.2873	P	0.5
7	☐	1000.000	991.520	4534501.79	0.5588	P	0.4
8	☐			3017.14	0.0004	P	8.8

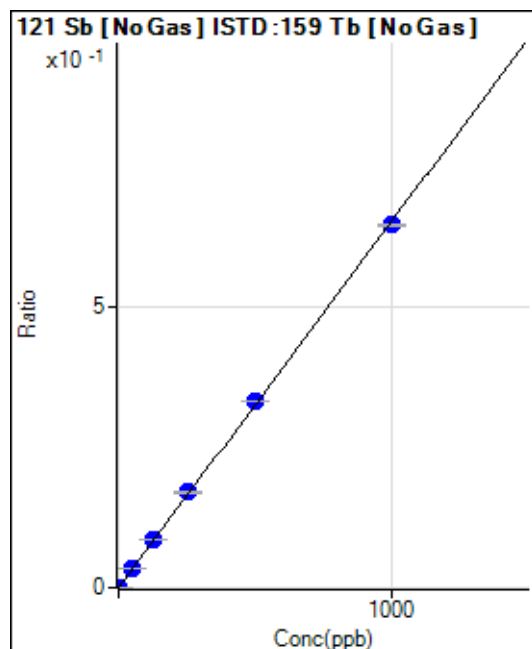
$$y = 5.6354\text{E-}004 * x + 9.2580\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03617$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	44.8
2	☐	2.000	2.041	10496.00	0.0013	P	2.1
3	☐	50.000	53.262	275432.58	0.0348	P	0.6
4	☐	125.000	131.670	676056.26	0.0861	P	0.7
5	☐	250.000	261.240	1314886.30	0.1709	P	1.1
6	☐	500.000	510.246	2583279.76	0.3337	P	0.5
7	☐	1000.000	991.070	5259426.38	0.6482	P	0.5
8	☐			8466.75	0.0011	P	2.7

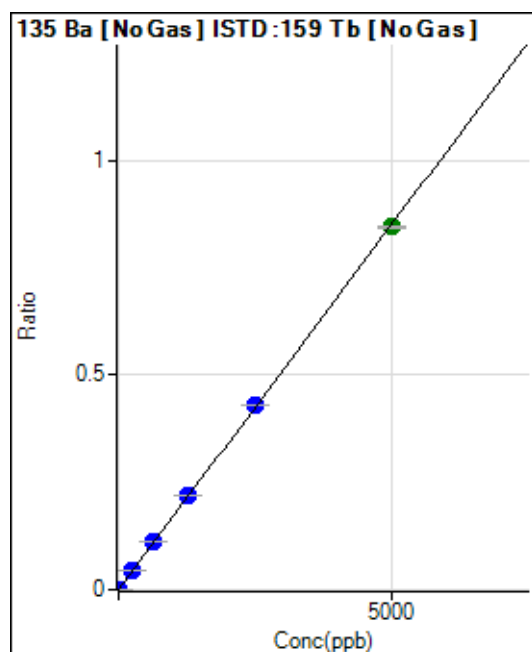
$$y = 6.5403\text{E-}004 * x + 6.4002\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01317$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.2
2	☐	10.000	10.253	13651.68	0.0017	P	1.8
3	☐	250.000	261.307	351099.28	0.0444	P	0.5
4	☐	625.000	651.550	869284.43	0.1107	P	0.4
5	☐	1250.000	1292.544	1690590.08	0.2197	P	0.9
6	☐	2500.000	2530.630	3329433.37	0.4301	P	0.1
7	☐	5000.000	4970.164	6854336.44	0.8448	A	0.5
8	☐			1458.47	0.0002	P	17.5

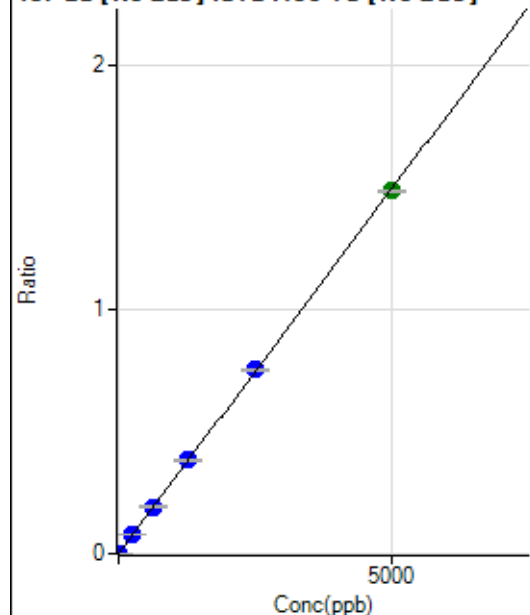
$$y = 1.6996\text{E-}004 * x + 1.7715\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	15.8
2	☐	10.000	10.234	23885.38	0.0031	P	3.5
3	☐	250.000	260.245	612793.84	0.0775	P	0.5
4	☐	625.000	646.366	1511290.33	0.1925	P	0.4
5	☐	1250.000	1282.835	2940502.91	0.3821	P	0.8
6	☐	2500.000	2521.298	5813283.64	0.7510	P	0.7
7	☐	5000.000	4977.959	12030752.61	1.4827	A	0.6
8	☐			2630.95	0.0003	P	13.0

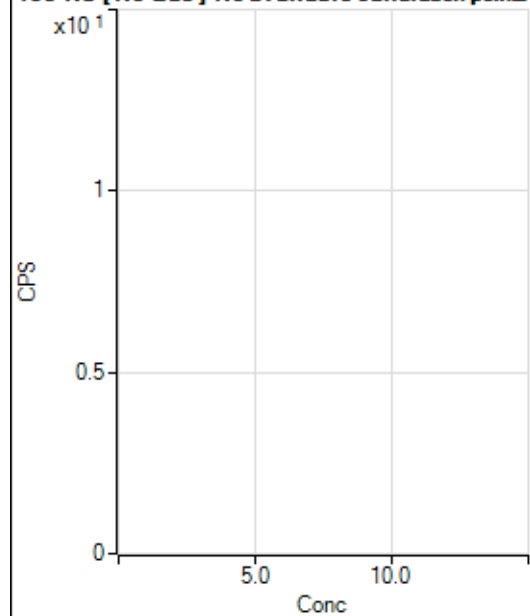
$$y = 2.9786E-004 * x + 3.9031E-006$$

$$R = 1.0000$$

$$DL = 0.006205$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			35.56		P	47.2
4	☐			51.11		P	30.1
5	☐			131.12		P	41.4
6	☐			253.35		P	13.9
7	☐			473.36		P	7.8
8	☐			62.23		P	43.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐			5.55		P	69.3
3	☐			7.78		P	49.5
4	☐			10.00		P	57.7
5	☐			13.33		P	25.0
6	☐			31.11		P	48.3
7	☐			64.44		P	34.4
8	☐			27.78		P	18.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			25.00		P	33.3
3	☐			5.56		P	173.
4	☐			19.44		P	65.5
5	☐			47.22		P	10.2
6	☐			72.22		P	6.7
7	☐			97.23		P	47.2
8	☐			33.33		P	75.0

156 Dy [He] No available calibration points

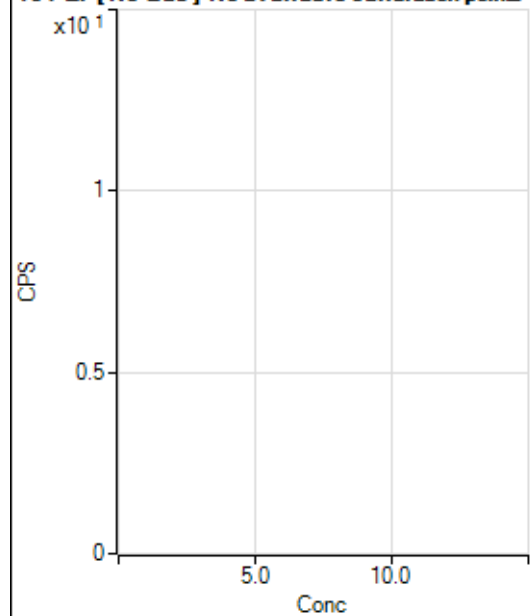
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐			7.78		P	65.5
3	☐			20.00		P	28.9
4	☐			21.11		P	36.5
5	☐			35.55		P	19.5
6	☐			81.11		P	22.6
7	☐			134.45		P	5.7
8	☐			21.11		P	36.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			36.11		P	35.3
3	☐			41.67		P	52.9
4	☐			30.55		P	15.7
5	☐			50.00		P	76.4
6	☐			47.22		P	66.8
7	☐			52.78		P	39.7
8	☐			52.78		P	24.1

160 Gd [He] No available calibration points

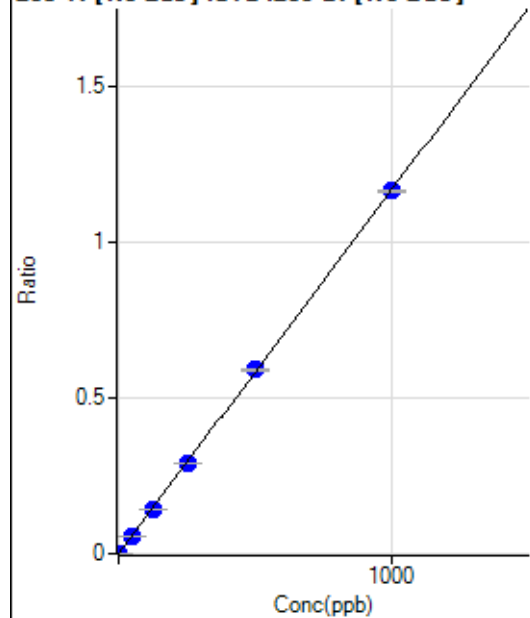
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			180.00		P	1.9
2	☐			138.89		P	7.7
3	☐			134.45		P	5.2
4	☐			122.22		P	12.9
5	☐			125.56		P	24.1
6	☐			147.78		P	16.9
7	☐			134.45		P	6.2
8	☐			137.78		P	22.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	66.2
2	☐			47.22		P	27.0
3	☐			66.67		P	33.1
4	☐			38.89		P	12.4
5	☐			36.11		P	48.0
6	☐			25.00		P	66.7
7	☐			47.22		P	27.0
8	☐			50.00		P	28.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.67		P	18.2
2	☐			27.78		P	38.6
3	☐			32.22		P	39.2
4	☐			33.33		P	26.5
5	☐			34.44		P	36.6
6	☐			33.33		P	55.7
7	☐			34.44		P	29.6
8	☐			35.56		P	23.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	344.47	0.0001	P	10.6
2	☐	1.000	0.988	5987.71	0.0012	P	2.6
3	☐	50.000	48.525	280233.04	0.0567	P	0.3
4	☐	125.000	122.234	704898.26	0.1426	P	0.5
5	☐	250.000	249.639	1436290.94	0.2912	P	0.5
6	☐	500.000	505.312	2891805.10	0.5893	P	0.3
7	☐	1000.000	997.854	5818118.27	1.1636	P	0.3
8	☐			2144.73	0.0005	P	18.5

$$y = 0.0012 * x + 6.9573E-005$$

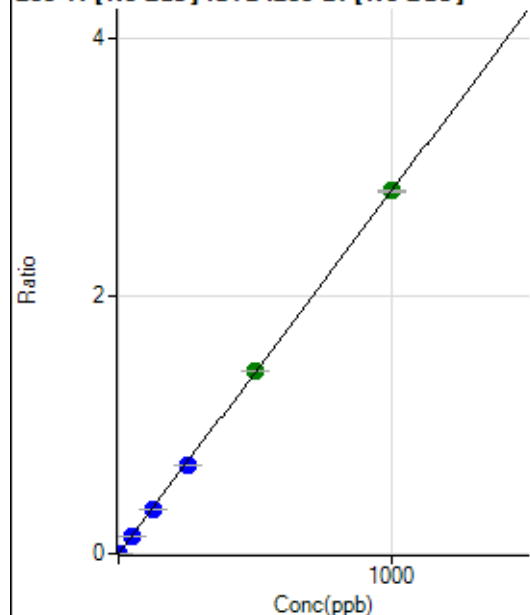
$$R = 1.0000$$

$$DL = 0.01893$$

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	544.48	0.0001	P	20.4
2	☐	1.000	0.908	13087.54	0.0027	P	0.5
3	☐	50.000	47.557	663904.69	0.1342	P	0.5
4	☐	125.000	121.118	1688792.38	0.3416	P	0.3
5	☐	250.000	245.390	3413971.99	0.6921	P	0.5
6	☐	500.000	503.090	6962170.99	1.4188	A	0.5
7	☐	1000.000	1000.215	14102658.47	2.8206	A	0.6
8	☐			4637.12	0.0010	P	10.6

$$y = 0.0028 * x + 1.0990E-004$$

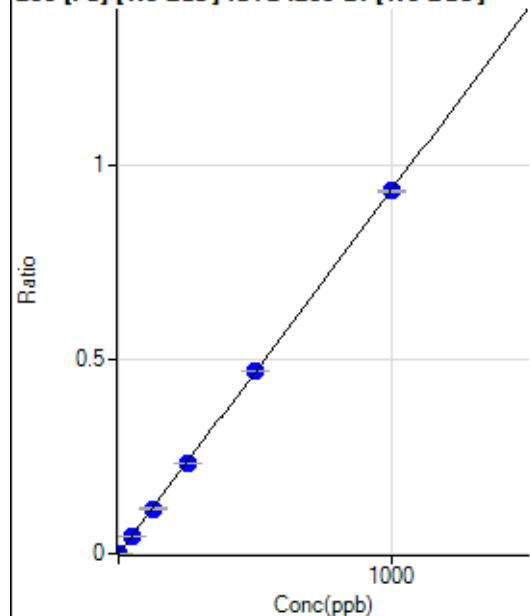
$$R = 1.0000$$

$$DL = 0.02381$$

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	425.95	0.0001	P	12.7
2	☐	1.000	0.894	4523.12	0.0009	P	3.3
3	☐	50.000	48.615	225553.23	0.0456	P	0.3
4	☐	125.000	123.986	574190.29	0.1162	P	0.4
5	☐	250.000	250.354	1156584.66	0.2345	P	0.3
6	☐	500.000	504.567	2318408.12	0.4725	P	0.1
7	☐	1000.000	997.824	4671077.71	0.9342	P	0.4
8	☐			3041.18	0.0007	P	9.8

$$y = 9.3619E-004 * x + 8.6035E-005$$

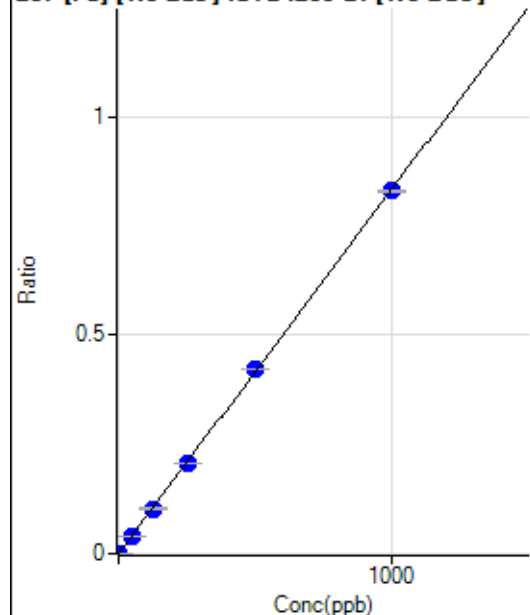
$$R = 1.0000$$

$$DL = 0.03508$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442.61	0.0001	P	11.8
2	☐	1.000	0.921	4195.23	0.0009	P	2.1
3	☐	50.000	48.917	201950.15	0.0408	P	0.5
4	☐	125.000	123.953	510705.55	0.1033	P	0.7
5	☐	250.000	250.496	1029508.20	0.2087	P	0.1
6	☐	500.000	506.837	2071683.77	0.4222	P	0.2
7	☐	1000.000	996.643	4150277.41	0.8301	P	0.8
8	☐			2694.80	0.0006	P	5.4

$$y = 8.3279E-004 * x + 8.9426E-005$$

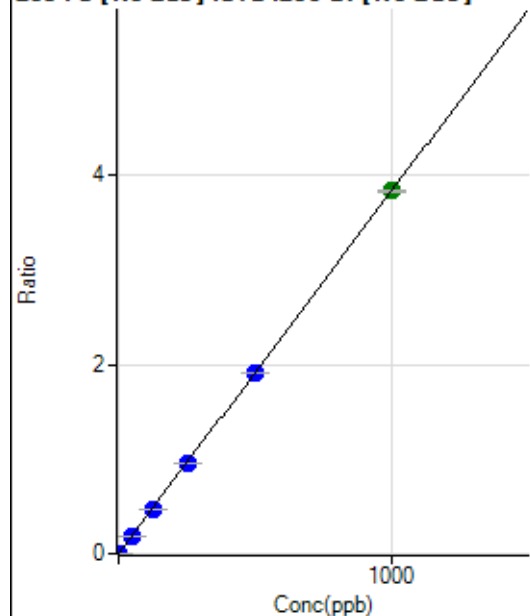
$$R = 1.0000$$

$$DL = 0.03793$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1568.60	0.0003	P	6.5
2	☐	1.000	0.914	18744.61	0.0038	P	1.0
3	☐	50.000	48.161	915585.26	0.1851	P	0.6
4	☐	125.000	122.217	2319493.82	0.4692	P	0.6
5	☐	250.000	248.178	4698709.47	0.9525	P	0.3
6	☐	500.000	500.839	9431282.69	1.9219	P	0.0
7	☐	1000.000	1000.476	19194190.19	3.8390	A	0.4
8	☐			11815.33	0.0027	P	7.4

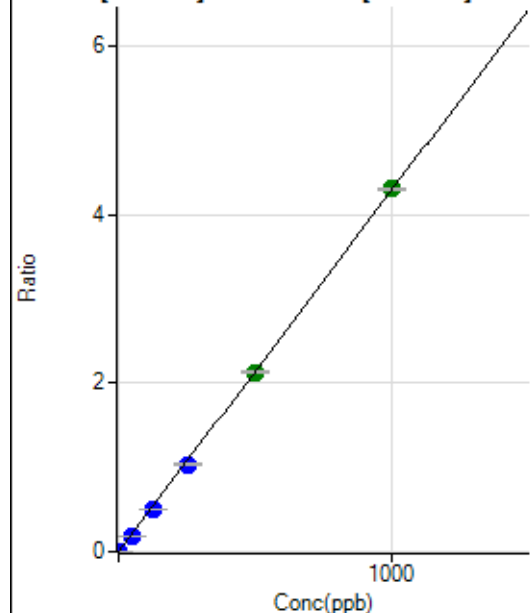
$$y = 0.0038 * x + 3.1690E-004$$

$$R = 1.0000$$

$$DL = 0.01611$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1135.27	0.0002	P	9.9
2	☐	1.000	0.746	16811.23	0.0034	P	3.3
3	☐	50.000	44.799	951734.08	0.1924	P	0.6
4	☐	125.000	115.963	2460055.15	0.4977	P	0.3
5	☐	250.000	242.226	5126719.10	1.0393	P	0.8
6	☐	500.000	496.878	10460508.34	2.1317	A	0.6
7	☐	1000.000	1004.894	21554248.63	4.3109	A	0.5
8	☐			7115.13	0.0016	P	6.5

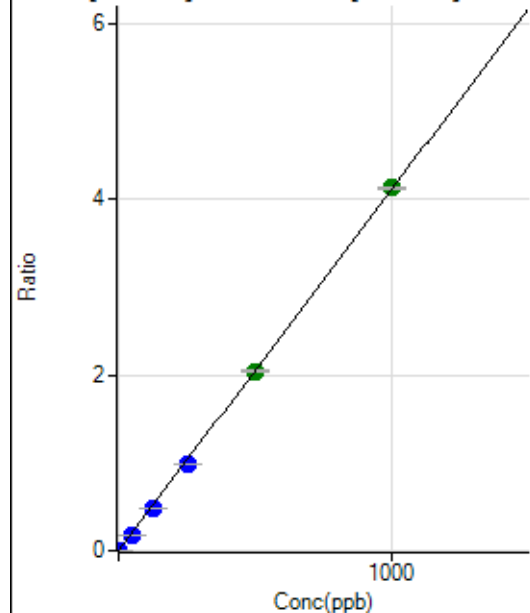
$$y = 0.0043 * x + 2.2958E-004$$

$$R = 0.9999$$

$$DL = 0.01591$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1333.46	0.0003	P	2.0
2	☐	1.000	0.824	17932.55	0.0037	P	2.5
3	☐	50.000	45.017	917205.63	0.1854	P	0.7
4	☐	125.000	115.807	2355834.91	0.4766	P	0.2
5	☐	250.000	241.559	4902392.90	0.9938	P	0.4
6	☐	500.000	496.863	10029929.13	2.0439	A	0.5
7	☐	1000.000	1005.077	20670731.88	4.1342	A	0.7
8	☐			4353.75	0.0010	P	19.9

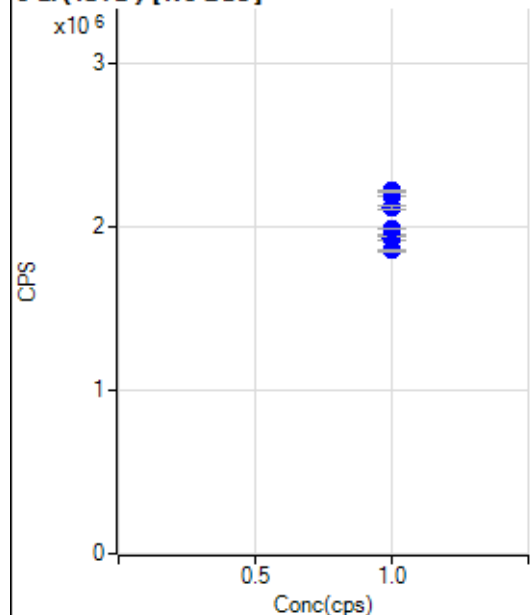
$$y = 0.0041 * x + 2.6953E-004$$

$$R = 0.9999$$

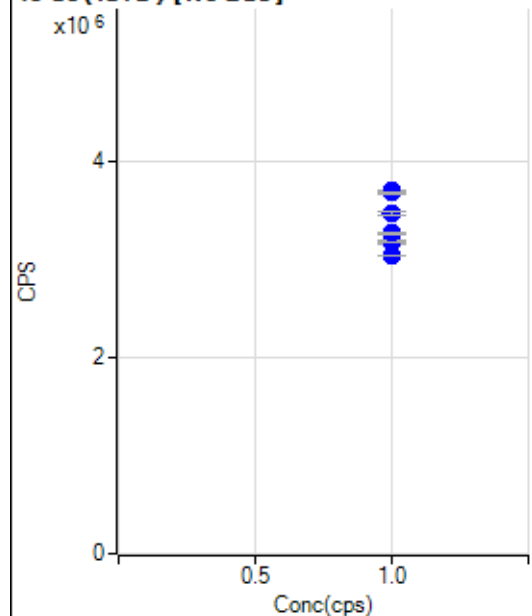
$$DL = 0.004006$$

Weight: <None>

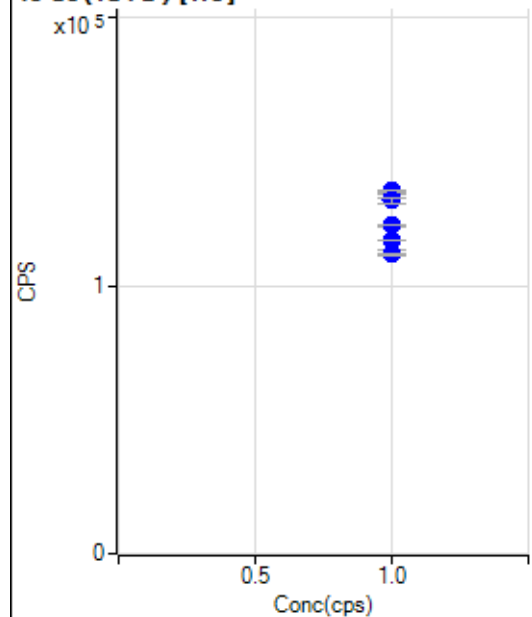
Min Conc: 0

6 Li (ISTD) [No Gas]

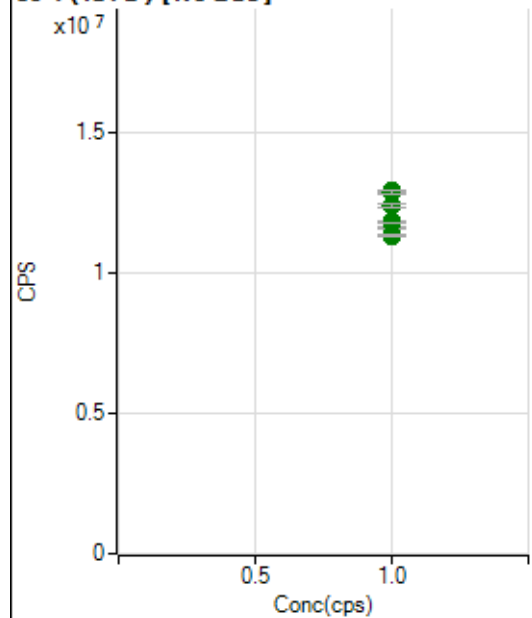
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2186035.95		P	0.1
2	☐	1.000		2217673.50		P	0.1
3	☐	1.000		2215234.46		P	0.4
4	☐	1.000		2110675.53		P	1.1
5	☐	1.000		1933464.70		P	1.5
6	☐	1.000		1855044.19		P	0.5
7	☐	1.000		1941353.76		P	0.2
8	☐	1.000		1986702.44		P	0.3

45 Sc (ISTD) [No Gas]

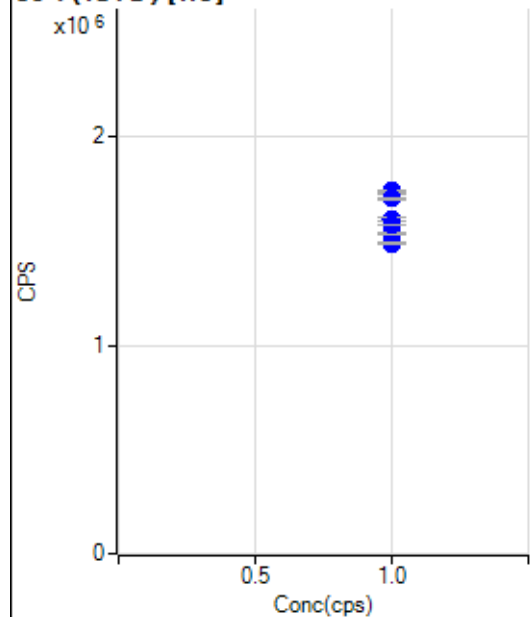
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3689482.72		P	0.6
2	☐	1.000		3700193.40		P	0.3
3	☐	1.000		3678352.38		P	0.6
4	☐	1.000		3476272.61		P	1.2
5	☐	1.000		3170729.35		P	1.3
6	☐	1.000		3042952.28		P	0.4
7	☐	1.000		3188916.26		P	0.8
8	☐	1.000		3271929.20		P	0.5

45 Sc (ISTD) [He]

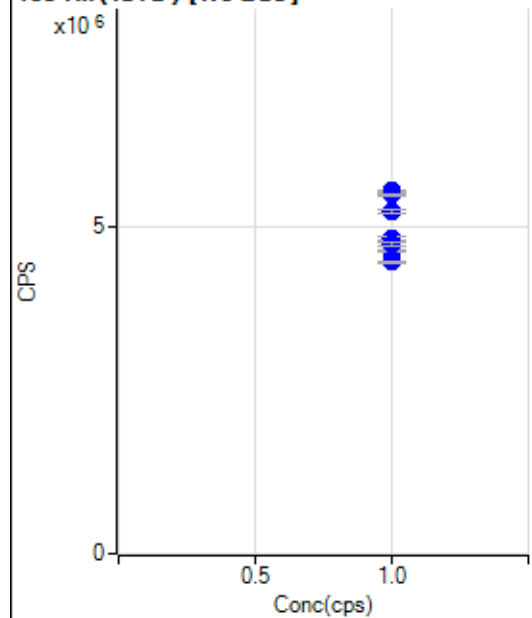
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		134447.39		P	0.5
2	☐	1.000		135431.57		P	0.4
3	☐	1.000		131822.21		P	1.4
4	☐	1.000		122436.03		P	0.9
5	☐	1.000		112336.38		P	1.5
6	☐	1.000		111634.19		P	0.2
7	☐	1.000		116978.13		P	0.3
8	☐	1.000		122812.58		P	0.3

89 Y (ISTD) [No Gas]

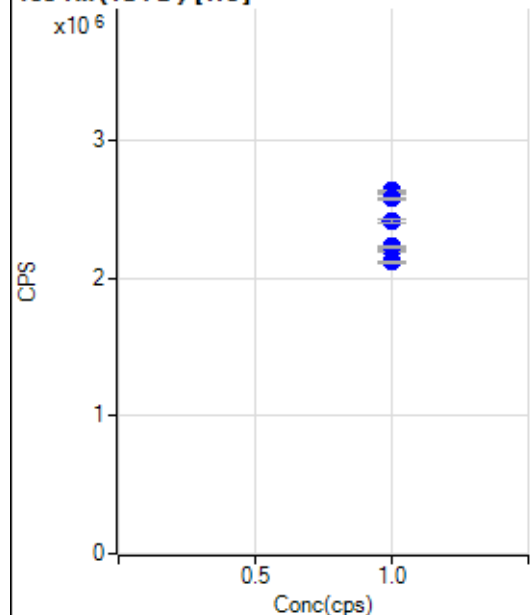
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12884640.09		A	0.4
2	☐	1.000		12935932.03		A	0.2
3	☐	1.000		12898601.89		A	0.8
4	☐	1.000		12415128.98		A	1.2
5	☐	1.000		11609806.77		A	1.0
6	☐	1.000		11337850.11		A	0.6
7	☐	1.000		11847147.46		A	0.5
8	☐	1.000		11793348.71		A	0.4

89 Y(ISTD) [He]

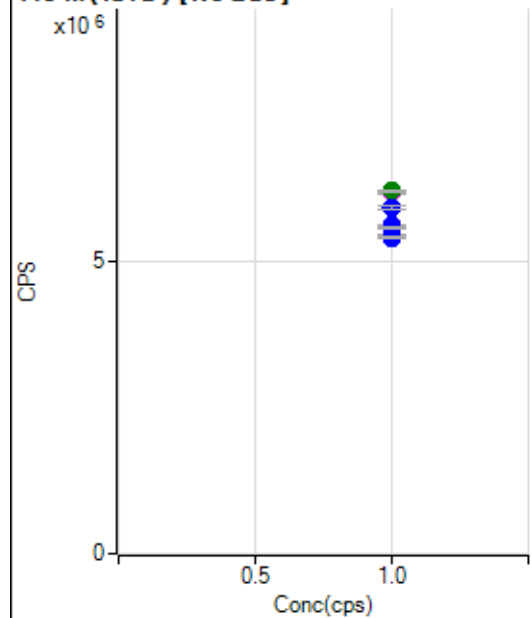
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1739544.76		P	1.0
2	☐	1.000		1742716.43		P	0.4
3	☐	1.000		1706965.36		P	0.3
4	☐	1.000		1610843.26		P	1.2
5	☐	1.000		1494310.79		P	0.4
6	☐	1.000		1488207.81		P	0.7
7	☐	1.000		1538192.17		P	0.3
8	☐	1.000		1580022.15		P	0.5

103 Rh(ISTD) [No Gas]

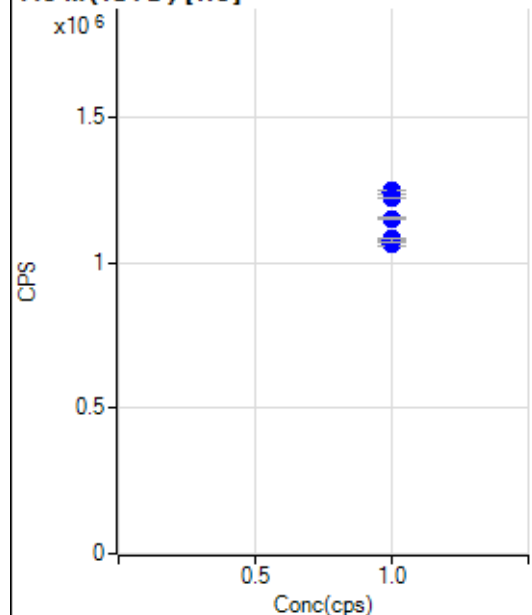
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5544055.68		P	0.6
2	☐	1.000		5549420.39		P	0.2
3	☐	1.000		5494443.70		P	0.8
4	☐	1.000		5241359.88		P	1.3
5	☐	1.000		4821385.83		P	1.0
6	☐	1.000		4630308.13		P	0.4
7	☐	1.000		4739570.25		P	1.0
8	☐	1.000		4459076.92		P	0.5

103 Rh (ISTD) [He]

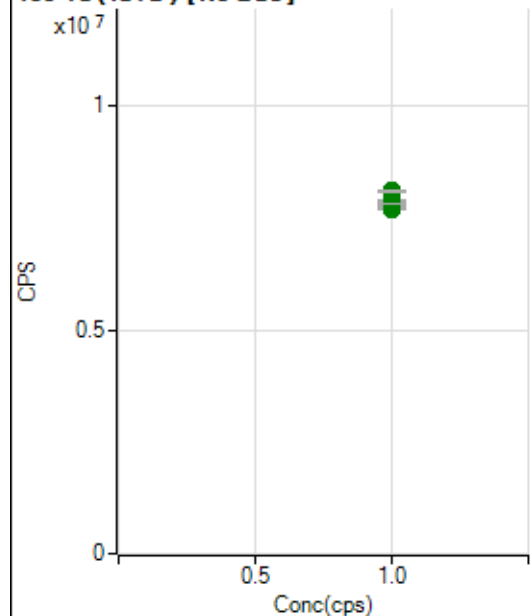
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2621068.20		P	1.0
2	☐	1.000		2633406.68		P	0.4
3	☐	1.000		2577012.79		P	0.2
4	☐	1.000		2411490.31		P	1.0
5	☐	1.000		2232472.41		P	0.1
6	☐	1.000		2199649.34		P	0.7
7	☐	1.000		2226591.29		P	0.5
8	☐	1.000		2115979.05		P	0.5

115 In (ISTD) [No Gas]

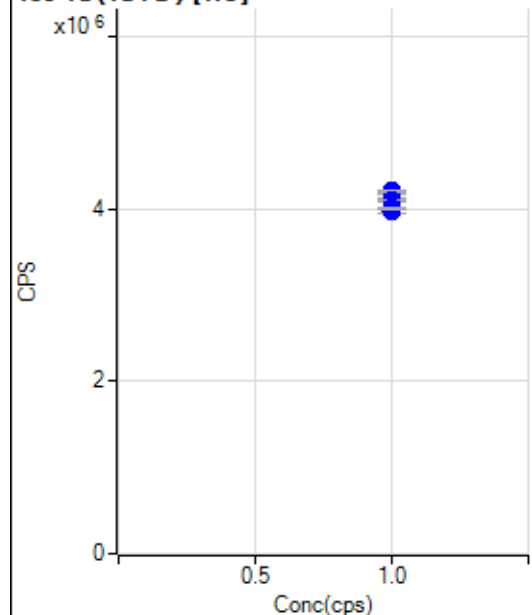
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6190629.91		A	0.1
2	☐	1.000		6205791.32		M	0.9
3	☐	1.000		6218518.25		A	0.7
4	☐	1.000		5923131.03		P	1.1
5	☐	1.000		5621822.94		P	0.9
6	☐	1.000		5450165.93		P	0.3
7	☐	1.000		5597064.14		P	0.4
8	☐	1.000		5421454.14		P	0.9

115 In (ISTD) [He]

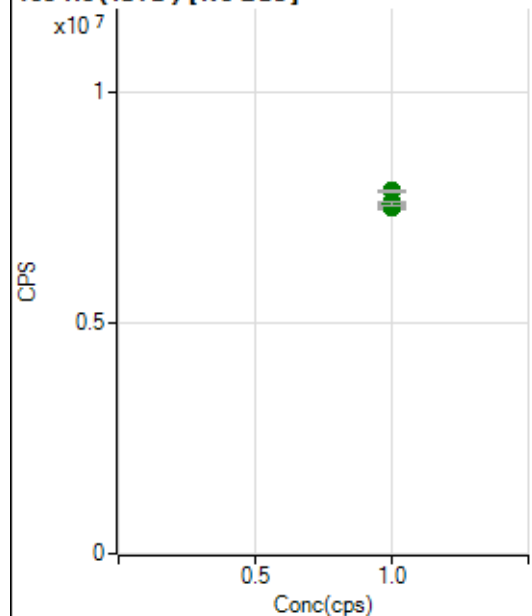
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1240269.08		P	0.7
2	☐	1.000		1245931.99		P	0.1
3	☐	1.000		1223237.68		P	0.2
4	☐	1.000		1151224.91		P	0.8
5	☐	1.000		1082405.16		P	0.5
6	☐	1.000		1062287.02		P	0.9
7	☐	1.000		1075569.90		P	0.4
8	☐	1.000		1077473.16		P	0.9

159 Tb (ISTD) [No Gas]

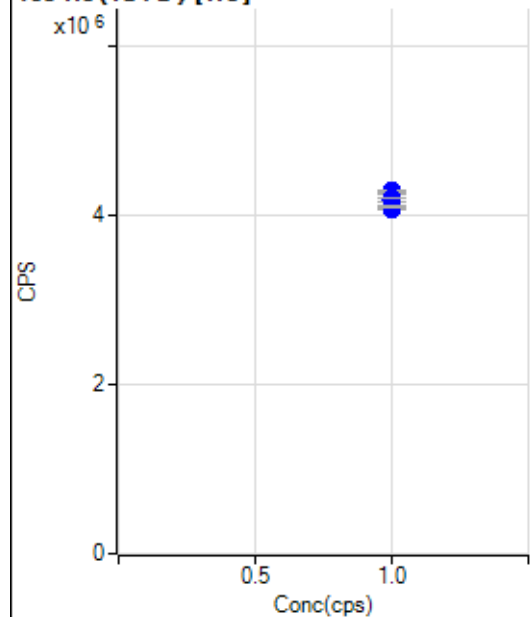
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7829183.77		A	0.8
2	☐	1.000		7825464.40		A	0.3
3	☐	1.000		7905043.91		A	0.6
4	☐	1.000		7849574.60		A	0.9
5	☐	1.000		7695468.71		A	0.2
6	☐	1.000		7740706.69		A	0.2
7	☐	1.000		8114075.85		A	0.9
8	☐	1.000		7819986.13		A	0.2

159 Tb (ISTD) [He]

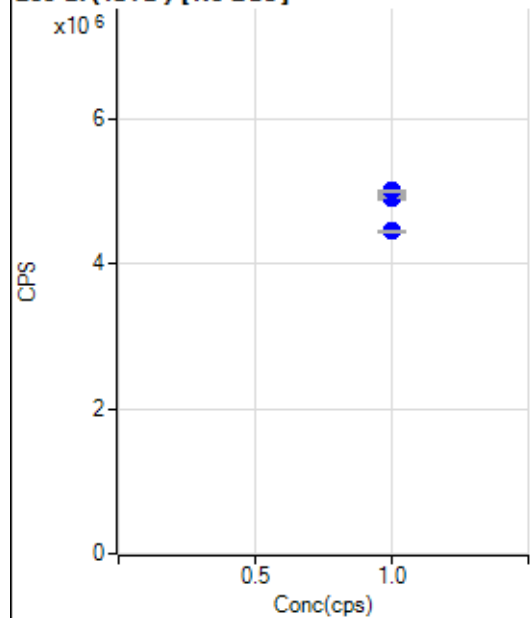
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4195581.12		P	0.9
2	☐	1.000		4208065.18		P	0.2
3	☐	1.000		4206418.86		P	0.4
4	☐	1.000		4096602.82		P	1.2
5	☐	1.000		3968066.57		P	0.9
6	☐	1.000		4001161.75		P	0.2
7	☐	1.000		4109167.33		P	0.3
8	☐	1.000		4007385.15		P	0.8

165 Ho (ISTD) [No Gas]

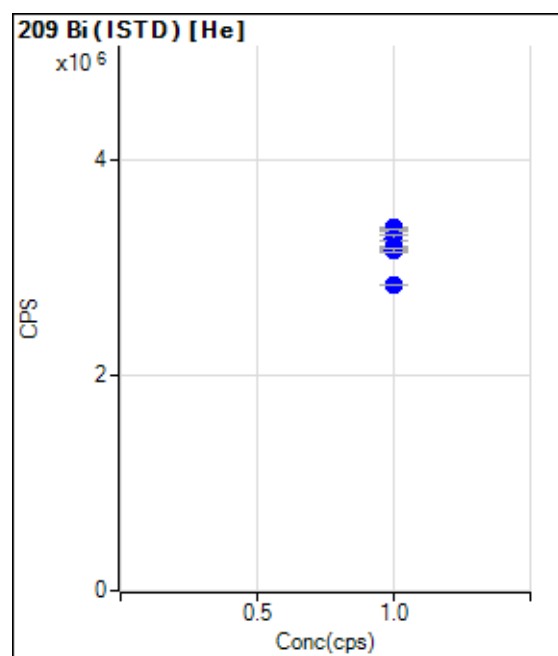
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7525383.85		A	0.8
2	☐	1.000		7548621.78		A	0.4
3	☐	1.000		7630190.36		A	0.2
4	☐	1.000		7571810.93		A	0.9
5	☐	1.000		7481674.21		A	0.2
6	☐	1.000		7534686.89		A	0.5
7	☐	1.000		7861741.15		A	0.8
8	☐	1.000		7579313.45		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4270233.96		P	1.0
2	☐	1.000		4279708.17		P	0.2
3	☐	1.000		4285716.08		P	0.4
4	☐	1.000		4180216.78		P	1.3
5	☐	1.000		4070892.06		P	0.1
6	☐	1.000		4102925.56		P	0.8
7	☐	1.000		4200938.41		P	0.5
8	☐	1.000		4091715.70		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4948104.62		P	1.0
2	☐	1.000		4900824.89		P	0.5
3	☐	1.000		4946483.40		P	0.4
4	☐	1.000		4943059.86		P	0.2
5	☐	1.000		4932955.73		P	0.7
6	☐	1.000		4907156.56		P	0.5
7	☐	1.000		4999901.66		P	0.4
8	☐	1.000		4439650.04		P	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3372322.97		P	0.8
2	☐	1.000		3361750.96		P	0.1
3	☐	1.000		3353785.85		P	0.2
4	☐	1.000		3274971.41		P	1.4
5	☐	1.000		3192465.51		P	0.1
6	☐	1.000		3171651.59		P	0.8
7	☐	1.000		3165536.76		P	0.7
8	☐	1.000		2836183.78		P	0.2