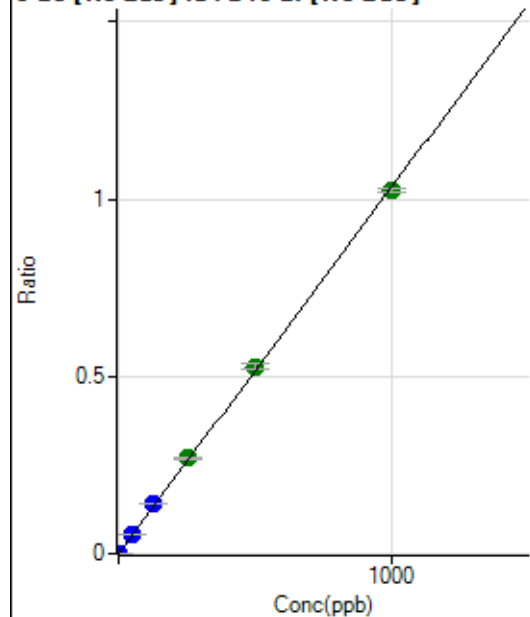


Calibration for 007CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8050925MS.b\
 Analysis File: P8050925MS.batch.bin
 DA Date-Time: 2025-05-09 15:54:36
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-05-09 13:02:41
2	006CALS.d	S02	2025-05-09 13:09:21
3	007CALB.d	S03	2025-05-09 13:12:40
4	008CALS.d	S04	2025-05-09 13:16:53
5	009CALS.d	S05	2025-05-09 13:19:48
6	010CALS.d	S06	2025-05-09 13:22:35
7	011CALS.d	S07	2025-05-09 13:25:20
8	012CALS.d	S08	2025-05-09 13:28:07

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.32	0.0000	P	17.8
2	☐	1.000	1.209	7132.93	0.0013	P	1.3
3	☐	50.000	53.855	312590.04	0.0557	P	1.7
4	☐	125.000	135.555	777041.44	0.1401	P	0.7
5	☐	250.000	260.367	1470159.54	0.2690	A	1.1
6	☐	500.000	511.374	2818663.90	0.5283	A	2.3
7	☐	1000.000	990.209	5234239.95	1.0229	A	1.1
8	☐			849.50	0.0002	P	12.1

$$y = 0.0010 * x + 1.6567E-005$$

$$R = 0.9998$$

$$DL = 0.008568$$

$$BEC = 0.01604$$

Weight: <None>

Min Conc: 0

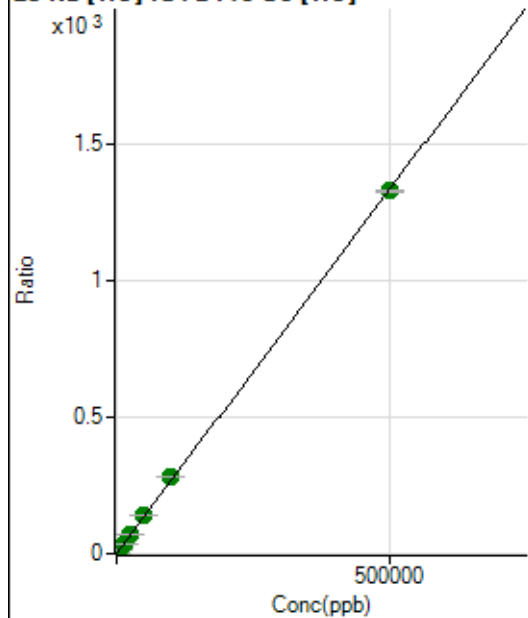
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3590329.04		A	1.7
2	☐			3822707.83		A	1.3
3	☐			3688803.31		A	0.9
4	☐			3987356.68		A	0.6
5	☐			4012217.51		A	1.3
6	☐			4062275.12		A	0.8
7	☐			4662913.96		A	3.1
8	☐			4150700.56		A	0.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22437.16		P	1.4
2	☐			23684.68		P	0.7
3	☐			23354.21		P	2.9
4	☐			25976.36		P	0.7
5	☐			26590.80		P	1.0
6	☐			27304.25		P	0.6
7	☐			33924.65		P	1.0
8	☐			35214.36		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20543.40	0.0994	P	2.6
2	☐	500.000	572.038	337597.99	1.6239	P	0.7
3	☐	5000.000	5252.766	2867466.24	14.0974	A	1.9
4	☐	12500.000	13262.058	6924369.34	35.4412	A	0.7
5	☐	25000.000	27195.597	13679690.35	72.5724	A	1.6
6	☐	50000.000	53901.826	26211594.33	143.7413	A	0.6
7	☐	100000.00	105700.99	51796226.45	281.7798	A	0.3
8	☐	500000.00	498338.18	236877289.8	1,328.110	A	0.7

$$y = 0.0027 * x + 0.0994$$

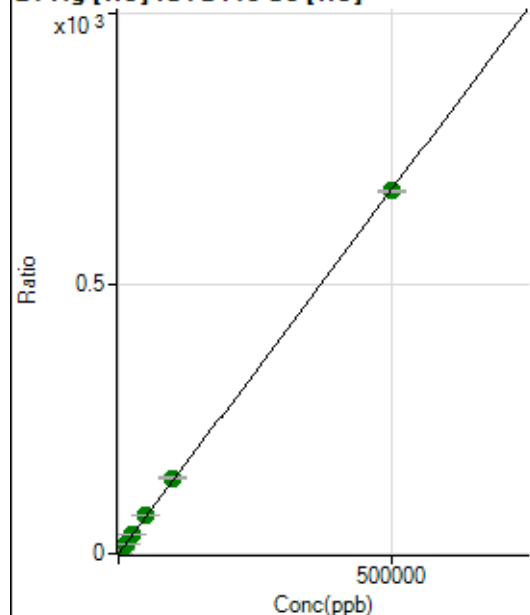
$$R = 0.9999$$

$$DL = 2.886$$

$$BEC = 37.32$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	384.46	0.0019	P	8.9
2	☐	500.000	578.527	162367.61	0.7810	P	0.6
3	☐	5000.000	5326.687	1459605.83	7.1754	A	0.9
4	☐	12500.000	13483.854	3548256.02	18.1609	A	0.6
5	☐	25000.000	27423.429	6961854.48	36.9337	A	1.3
6	☐	50000.000	53153.263	13053545.08	71.5846	A	1.1
7	☐	100000.00	104255.99	25809415.17	140.4059	A	0.6
8	☐	500000.00	498684.36	119778904.8	671.5922	A	0.6

$$y = 0.0013 * x + 0.0019$$

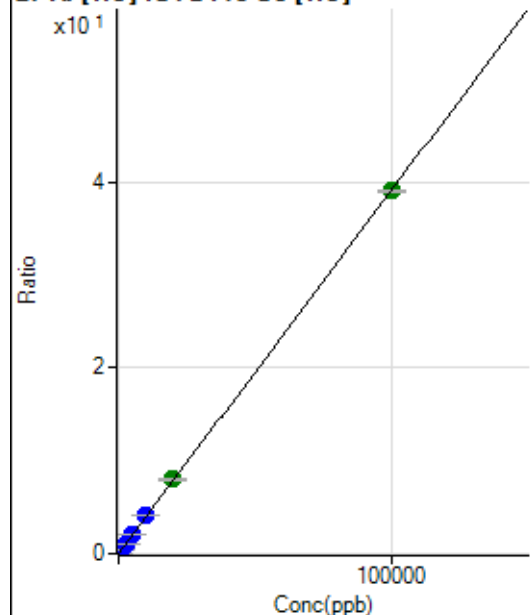
$$R = 0.9999$$

$$DL = 0.368$$

$$BEC = 1.382$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0007	P	20.2
2	☐	20.000	22.746	2005.71	0.0096	P	7.7
3	☐	1000.000	1028.736	82058.60	0.4034	P	0.7
4	☐	2500.000	2624.804	200869.23	1.0281	P	0.3
5	☐	5000.000	5354.367	395183.06	2.0965	P	0.9
6	☐	10000.000	10445.996	745712.44	4.0894	P	0.8
7	☐	20000.000	20482.215	1473809.79	8.0176	A	1.8
8	☐	100000.00	99837.831	6969497.88	39.0780	A	0.8

$$y = 3.9141E-004 * x + 7.4164E-004$$

$$R = 1.0000$$

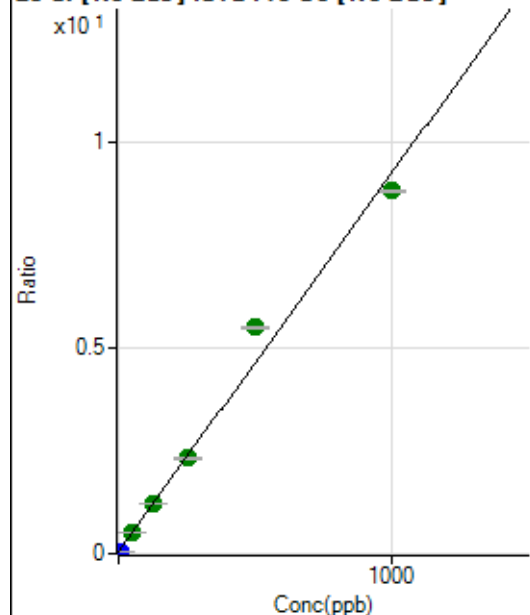
$$DL = 1.15$$

$$BEC = 1.895$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	552473.83	0.0457	P	1.1
2	☐	10.000	1.221	688087.05	0.0569	P	0.7
3	☐	50.000	50.718	6134510.95	0.5129	A	0.7
4	☐	125.000	127.778	14158844.23	1.2229	A	0.8
5	☐	250.000	247.863	26101559.61	2.3292	A	1.6
6	☐	500.000	592.899	59548013.00	5.5079	A	0.5
7	☐	1000.000	953.789	93970255.27	8.8327	A	0.7
8	☐			737131.99	0.0704	P	2.2

$$y = 0.0092 * x + 0.0457$$

$$R = 0.9933$$

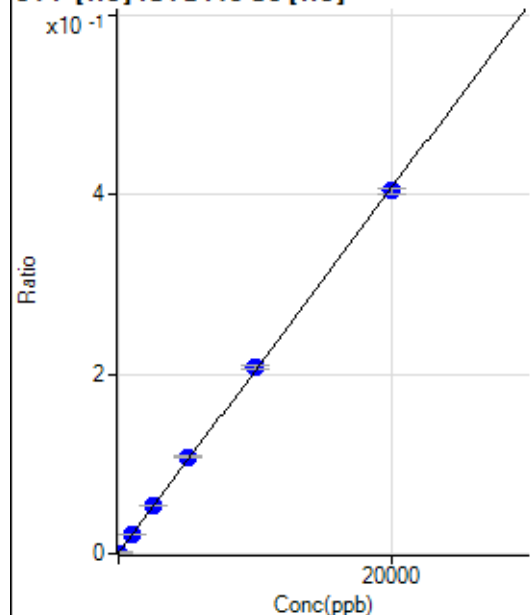
$$DL = 0.1688$$

$$BEC = 4.958$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.337	66.67	0.0003	P	28.5
2	☐	0.000	18.337	222.23	0.0011	P	7.3
3	☐	1000.000	988.354	4229.55	0.0208	P	4.0
4	☐	2500.000	2573.331	10360.46	0.0530	P	0.5
5	☐	5000.000	5251.812	20263.10	0.1075	P	2.0
6	☐	10000.000	10186.390	37903.90	0.2079	P	1.7
7	☐	20000.000	19835.268	74270.96	0.4041	P	1.6
8	☐			118.89	0.0007	P	14.9

$$y = 2.0337E-005 * x + 6.9595E-004$$

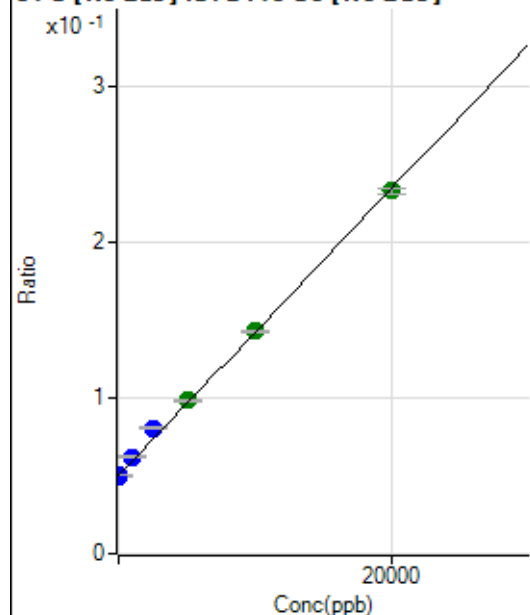
$$R = 0.9998$$

$$DL = 12.55$$

$$BEC = 34.22$$

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	-25.304	604255.99	0.0500	P	0.8
2	☐	0.000	25.304	609412.22	0.0504	P	1.3
3	☐	1000.000	1294.601	743255.40	0.0621	P	1.1
4	☐	2500.000	3327.763	936982.50	0.0809	P	0.5
5	☐	5000.000	5214.665	1102184.05	0.0983	A	0.3
6	☐	10000.000	10032.306	1544233.60	0.1428	A	0.6
7	☐	20000.000	19811.980	2480223.44	0.2331	A	1.5
8	☐			499764.14	0.0477	P	1.5

$$y = 9.2334\text{E-}006 * x + 0.0502$$

R = 0.9991

DL = 174.6

BEC = 5436

Weight: <None>

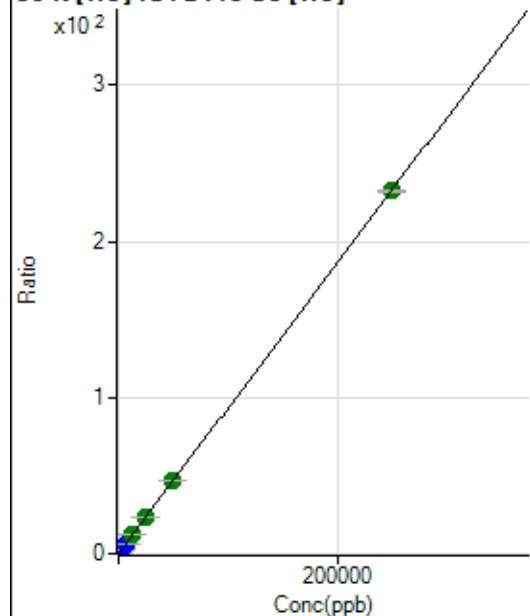
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110442.76		P	1.5
2	☐			113792.48		P	1.0
3	☐			114620.31		P	1.0
4	☐			138297.43		P	1.1
5	☐			141278.98		P	0.9
6	☐			153810.24		P	2.1
7	☐			202262.26		P	2.7
8	☐			153127.86		P	1.4

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			356.68		P	8.0
2	☐			385.56		P	12.0
3	☐			385.57		P	10.2
4	☐			416.68		P	9.2
5	☐			448.90		P	13.1
6	☐			541.13		P	6.3
7	☐			725.58		P	6.7
8	☐			533.35		P	3.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13578.69	0.0657	P	2.0
2	☐	500.000	541.689	118348.11	0.5692	P	0.3
3	☐	2500.000	2523.265	490476.74	2.4112	P	0.7
4	☐	6250.000	6431.452	1180828.51	6.0439	P	0.8
5	☐	12500.000	13112.648	2309971.06	12.2543	A	0.3
6	☐	25000.000	25440.550	4324224.31	23.7133	A	0.7
7	☐	50000.000	49981.621	8551452.93	46.5249	A	1.0
8	☐	250000.00	249924.13	41443745.22	232.3764	A	0.8

$$y = 9.2952E-004 * x + 0.0657$$

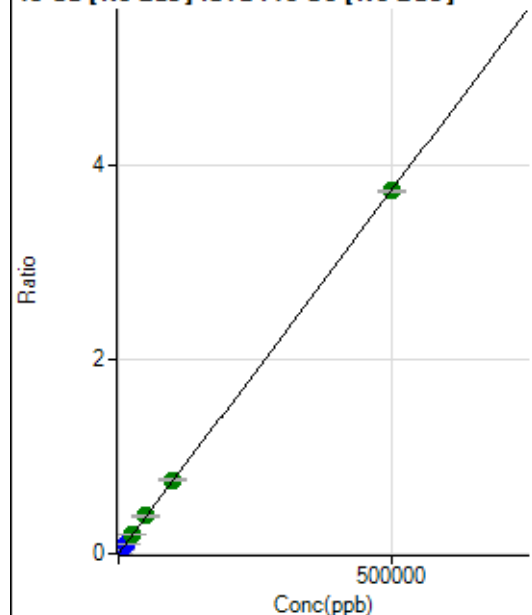
$$R = 1.0000$$

$$DL = 4.214$$

$$BEC = 70.71$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1033.38	0.0001	P	0.8
2	☐	500.000	562.698	51898.71	0.0043	P	2.3
3	☐	5000.000	5112.684	458445.11	0.0383	P	0.6
4	☐	12500.000	13038.664	1130344.18	0.0976	P	1.6
5	☐	25000.000	26205.270	2197746.41	0.1961	A	2.0
6	☐	50000.000	51635.608	4176213.10	0.3864	A	2.3
7	☐	100000.00	101792.09	8102416.13	0.7616	A	0.4
8	☐	500000.00	499403.10	39122697.75	3.7360	A	0.3

$$y = 7.4808\text{E-}006 * x + 8.5441\text{E-}005$$

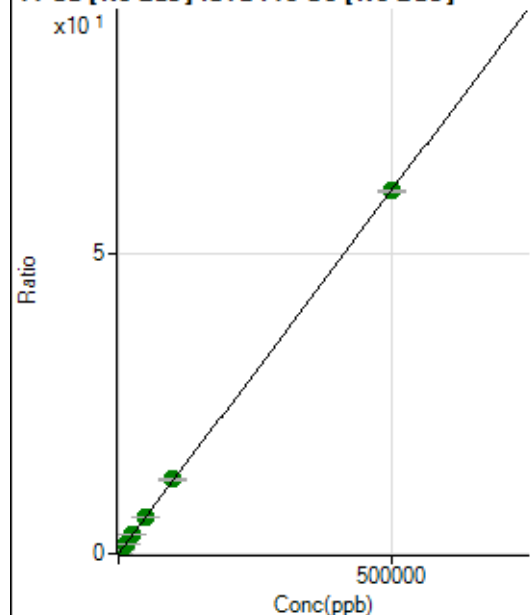
$$R = 1.0000$$

$$DL = 0.286$$

$$BEC = 11.42$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30320.42	0.0025	P	1.0
2	☐	500.000	558.327	848557.49	0.0702	P	1.3
3	☐	5000.000	5005.523	7290179.54	0.6095	A	0.8
4	☐	12500.000	12815.799	18025175.98	1.5567	A	1.0
5	☐	25000.000	25712.921	34973230.31	3.1208	A	1.1
6	☐	50000.000	50888.273	66740752.34	6.1739	A	1.2
7	☐	100000.00	102161.79	131835709.1	12.3920	A	1.0
8	☐	500000.00	499435.16	634277306.1	60.5705	A	0.8

$$y = 1.2127\text{E-}004 * x + 0.0025$$

$$R = 1.0000$$

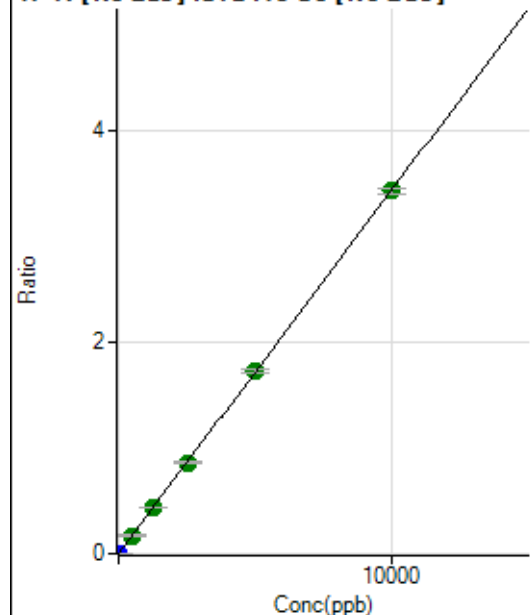
$$DL = 0.6463$$

$$BEC = 20.67$$

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	236.67	0.0000	P	9.0
2	☐	5.000	5.545	23296.74	0.0019	P	3.2
3	☐	500.000	498.704	2053237.69	0.1717	A	1.6
4	☐	1250.000	1264.478	5039387.91	0.4353	A	1.8
5	☐	2500.000	2502.123	9652098.40	0.8613	A	1.5
6	☐	5000.000	5028.397	18708999.44	1.7308	A	1.9
7	☐	10000.000	9983.525	36557908.34	3.4364	A	1.5
8	☐			4197.33	0.0004	P	1.7

$$y = 3.4420\text{E-}004 * x + 1.9573\text{E-}005$$

$$R = 1.0000$$

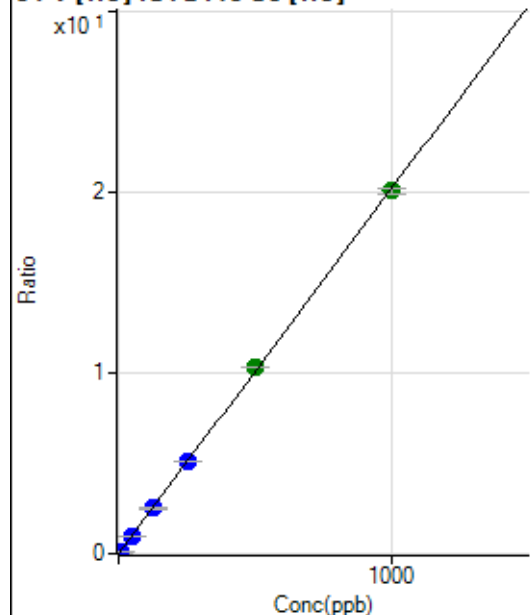
$$DL = 0.01541$$

$$BEC = 0.05687$$

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	15.56	0.0001	P	32.3
2	☐	5.000	5.349	22497.76	0.1082	P	0.9
3	☐	50.000	49.169	202215.66	0.9941	P	0.7
4	☐	125.000	124.074	490060.00	2.5083	P	0.7
5	☐	250.000	252.871	963624.33	5.1121	P	0.7
6	☐	500.000	510.839	1883122.84	10.3271	A	0.5
7	☐	1000.000	994.018	3693456.86	20.0950	A	1.3
8	☐			938.93	0.0053	P	9.5

$$y = 0.0202 * x + 7.5206\text{E-}005$$

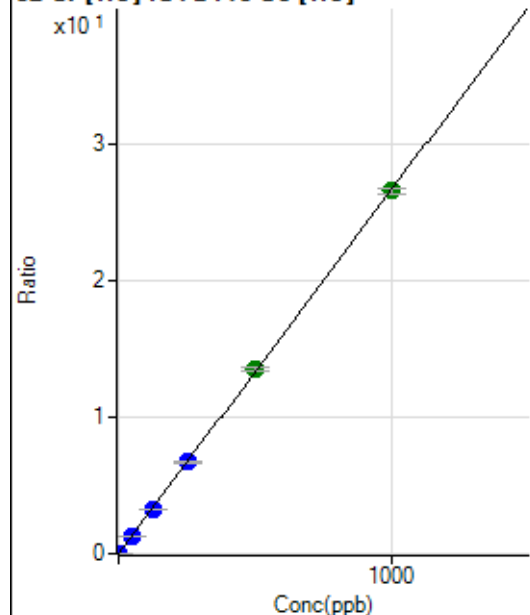
$$R = 0.9999$$

$$DL = 0.003606$$

$$BEC = 0.00372$$

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	1173.39	0.0057	P	7.9
2	☐	2.000	2.155	13108.30	0.0631	P	0.2
3	☐	50.000	48.880	265865.86	1.3070	P	0.8
4	☐	125.000	123.313	642507.33	3.2886	P	0.1
5	☐	250.000	250.861	1259999.27	6.6843	P	0.3
6	☐	500.000	506.849	2461668.45	13.4994	A	1.6
7	☐	1000.000	996.627	4877885.73	26.5385	A	1.7
8	☐			41829.88	0.2346	P	2.1

$$y = 0.0266 * x + 0.0057$$

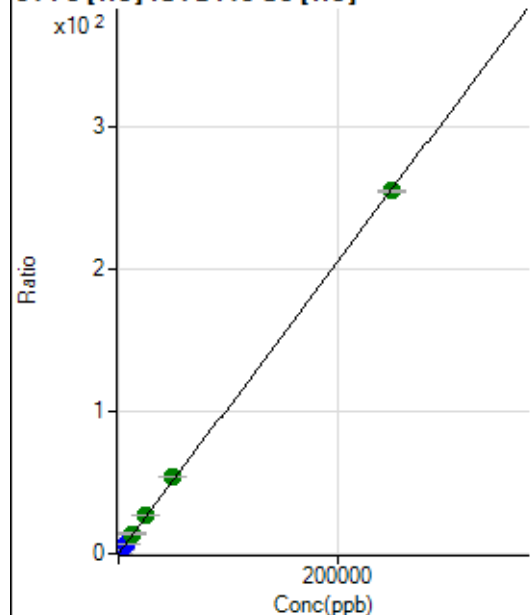
$$R = 1.0000$$

$$DL = 0.05082$$

$$BEC = 0.2134$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	583.35	0.0028	P	10.5
2	☐	50.000	57.796	12904.81	0.0621	P	0.6
3	☐	2500.000	2625.490	548049.03	2.6943	P	1.4
4	☐	6250.000	6626.207	1327674.95	6.7955	P	0.3
5	☐	12500.000	13837.845	2674695.10	14.1883	A	1.3
6	☐	25000.000	26618.754	4976249.30	27.2903	A	1.1
7	☐	50000.000	52662.396	9923185.96	53.9882	A	1.1
8	☐	250000.00	249228.09	45566310.43	255.4919	A	0.9

$$y = 0.0010 * x + 0.0028$$

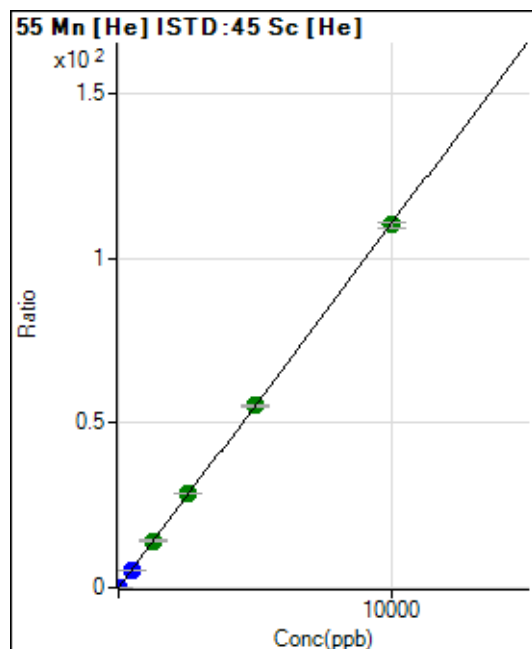
$$R = 0.9999$$

$$DL = 0.8694$$

$$BEC = 2.755$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2022.38	0.0098	P	4.3
2	☐	1.000	1.041	4426.28	0.0213	P	1.4
3	☐	500.000	490.702	1104676.46	5.4308	P	1.5
4	☐	1250.000	1287.568	2780818.61	14.2342	A	1.6
5	☐	2500.000	2593.716	5403228.18	28.6639	A	0.4
6	☐	5000.000	5016.120	10106692.49	55.4254	A	1.1
7	☐	10000.000	9964.280	20234555.39	110.0903	A	1.4
8	☐			13543.18	0.0759	P	0.6

$$y = 0.0110 * x + 0.0098$$

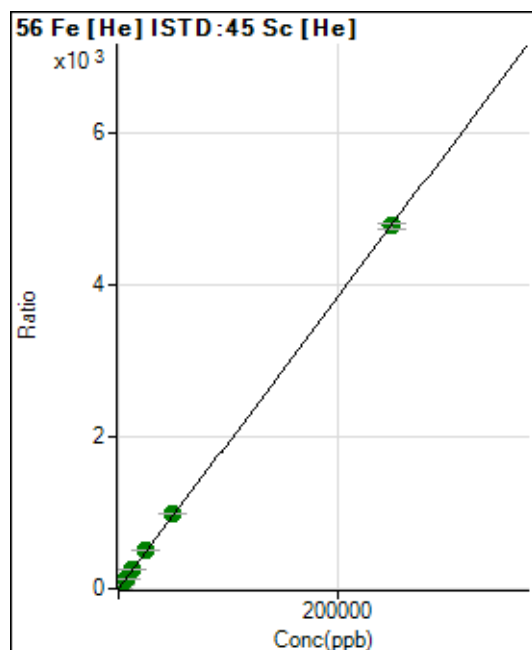
$$R = 0.9999$$

$$DL = 0.1153$$

$$BEC = 0.8859$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6036.88	0.0292	P	1.0
2	☐	50.000	56.772	232328.05	1.1175	P	0.8
3	☐	2500.000	2571.693	10033875.69	49.3266	A	1.4
4	☐	6250.000	6556.077	24559499.36	125.7041	A	0.2
5	☐	12500.000	13328.427	48167677.62	255.5247	A	0.6
6	☐	25000.000	26004.203	90900751.98	498.5094	A	0.8
7	☐	50000.000	51336.833	180885812.8	984.1161	A	0.9
8	☐	250000.00	249582.42	853248529.5	4,784.328	A	1.4

$$y = 0.0192 * x + 0.0292$$

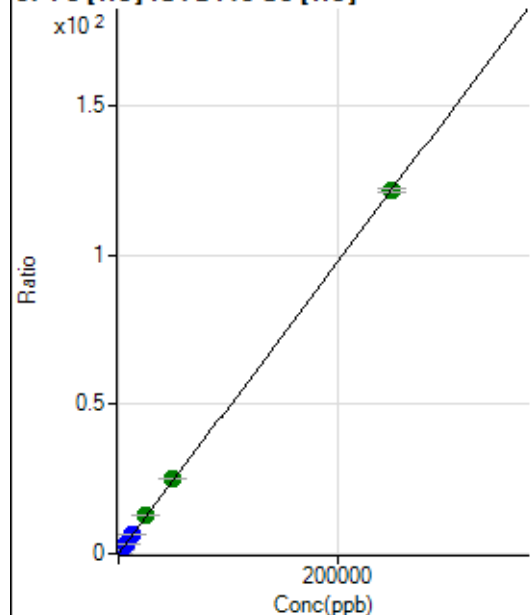
$$R = 1.0000$$

$$DL = 0.04647$$

$$BEC = 1.524$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.23	0.0007	P	8.2
2	☐	50.000	55.915	5817.91	0.0280	P	4.9
3	☐	2500.000	2535.453	251509.10	1.2364	P	0.9
4	☐	6250.000	6458.826	615141.11	3.1485	P	1.0
5	☐	12500.000	12978.483	1192457.25	6.3259	P	0.6
6	☐	25000.000	26663.682	2369742.88	12.9956	A	0.7
7	☐	50000.000	51632.980	4625513.30	25.1646	A	0.5
8	☐	250000.00	249477.53	21684601.34	121.5864	A	1.0

$$y = 4.8736\text{E-}004 * x + 7.3700\text{E-}004$$

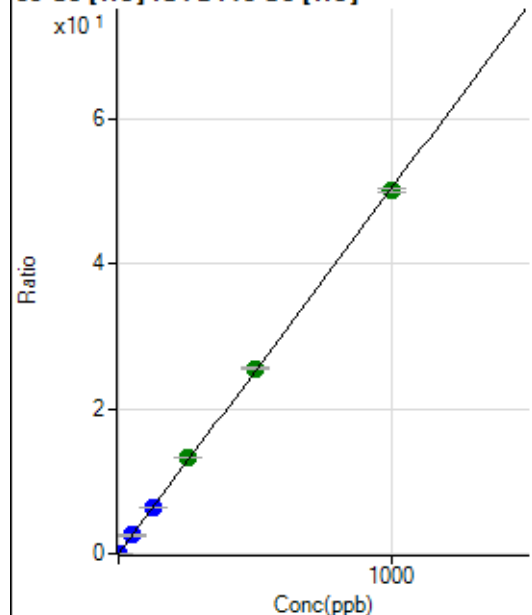
R = 1.0000

DL = 0.3714

BEC = 1.512

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.33	0.0005	P	18.5
2	☐	1.000	1.162	12252.01	0.0589	P	0.8
3	☐	50.000	50.038	512462.21	2.5192	P	0.6
4	☐	125.000	126.280	1242000.42	6.3570	P	0.1
5	☐	250.000	263.777	2503060.66	13.2782	A	0.6
6	☐	500.000	506.473	4648889.75	25.4948	A	0.9
7	☐	1000.000	993.157	9188818.75	49.9930	A	1.2
8	☐			19124.05	0.1072	P	1.8

$$y = 0.0503 * x + 4.5155\text{E-}004$$

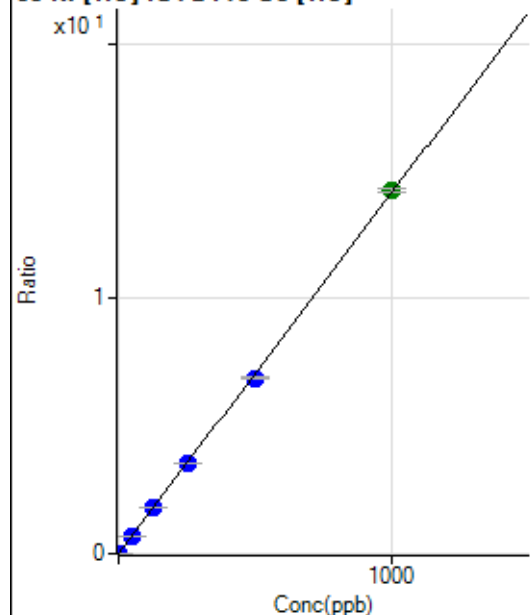
R = 0.9999

DL = 0.004991

BEC = 0.008971

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	281.12	0.0014	P	7.6
2	☐	1.000	1.134	3616.05	0.0174	P	4.1
3	☐	50.000	50.000	144072.86	0.7083	P	1.6
4	☐	125.000	126.174	348791.05	1.7853	P	1.1
5	☐	250.000	251.352	670147.67	3.5551	P	0.5
6	☐	500.000	487.048	1255932.73	6.8876	P	0.7
7	☐	1000.000	1005.991	2614553.92	14.2247	A	1.1
8	☐			11941.75	0.0670	P	0.9

$$y = 0.0141 * x + 0.0014$$

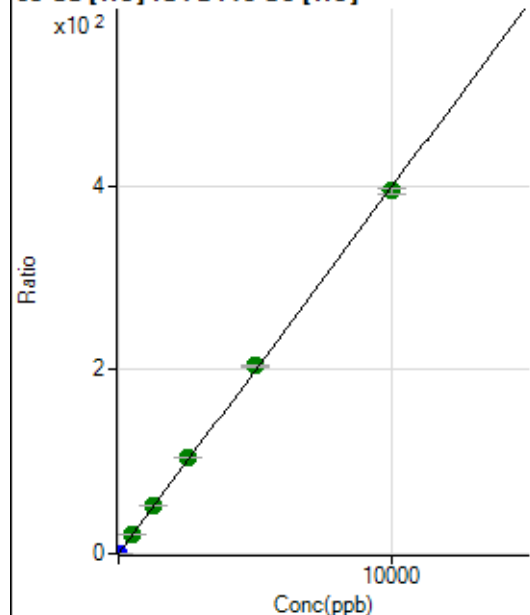
$$R = 0.9999$$

$$DL = 0.02199$$

$$BEC = 0.09621$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1083.39	0.0052	P	8.0
2	☐	2.000	2.347	20561.63	0.0989	P	1.2
3	☐	500.000	524.912	4260901.40	20.9467	A	1.0
4	☐	1250.000	1303.442	10160516.03	52.0064	A	1.5
5	☐	2500.000	2620.251	19705751.79	104.5408	A	1.0
6	☐	5000.000	5128.367	37308129.17	204.6027	A	0.9
7	☐	10000.000	9897.828	72580681.70	394.8815	A	1.3
8	☐			19878.43	0.1115	P	0.8

$$y = 0.0399 * x + 0.0052$$

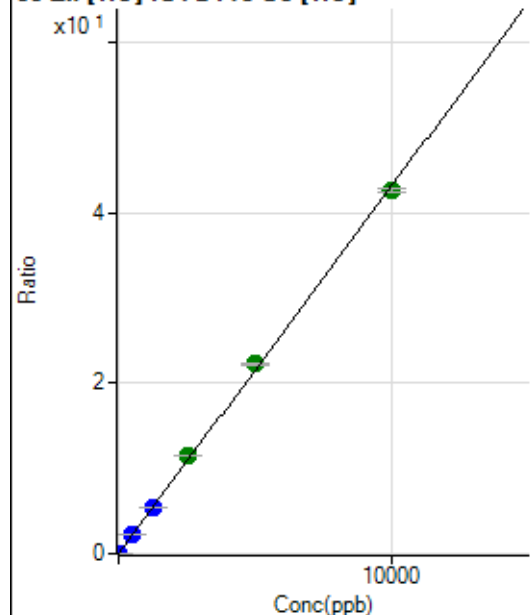
$$R = 0.9998$$

$$DL = 0.0314$$

$$BEC = 0.1314$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	381.12	0.0018	P	7.6
2	☐	2.000	5.667	5465.55	0.0263	P	3.4
3	☐	500.000	503.108	441835.94	2.1721	P	1.3
4	☐	1250.000	1275.125	1075050.27	5.5024	P	0.4
5	☐	2500.000	2674.571	2175096.69	11.5393	A	1.4
6	☐	5000.000	5162.293	4061019.45	22.2707	A	0.4
7	☐	10000.000	9871.914	7827662.18	42.5869	A	0.9
8	☐			45682.18	0.2561	P	1.4

$$y = 0.0043 * x + 0.0018$$

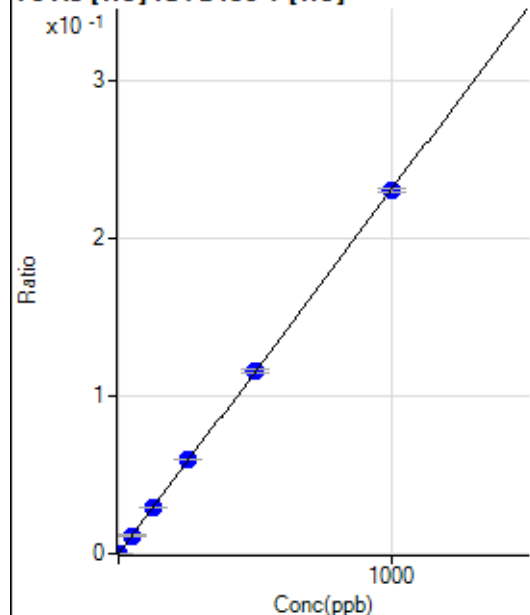
$$R = 0.9996$$

$$DL = 0.09692$$

$$BEC = 0.4276$$

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	7.78	0.0000	P	64.4
2	☐	1.000	1.134	653.35	0.0003	P	8.6
3	☐	50.000	50.117	28075.80	0.0116	P	2.0
4	☐	125.000	126.879	67938.17	0.0293	P	0.9
5	☐	250.000	257.798	133627.26	0.0595	P	1.2
6	☐	500.000	502.721	252730.10	0.1160	P	1.9
7	☐	1000.000	996.449	503520.02	0.2299	P	1.1
8	☐			261.12	0.0001	P	9.9

$$y = 2.3068E-004 * x + 3.1599E-006$$

$$R = 1.0000$$

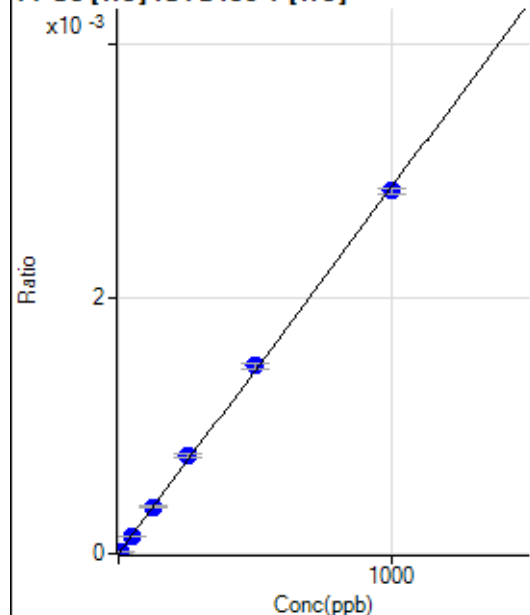
$$DL = 0.02645$$

$$BEC = 0.0137$$

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	1.11	0.0000	P	173.
2	☐	5.000	4.557	33.33	0.0000	P	40.8
3	☐	50.000	47.796	334.45	0.0001	P	7.2
4	☐	125.000	126.984	847.81	0.0004	P	3.9
5	☐	250.000	266.482	1721.23	0.0008	P	2.7
6	☐	500.000	512.043	3208.17	0.0015	P	2.7
7	☐	1000.000	989.723	6230.32	0.0028	P	1.7
8	☐			1.11	0.0000	P	173.

$$y = 2.8732E-006 * x + 4.5902E-007$$

$$R = 0.9997$$

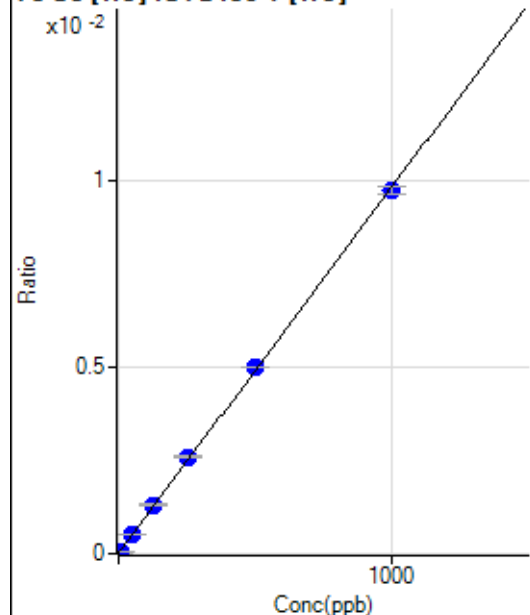
$$DL = 0.8301$$

$$BEC = 0.1598$$

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	23.33	0.0000	P	27.3
2	☐	5.000	4.965	143.34	0.0001	P	27.7
3	☐	50.000	52.003	1262.30	0.0005	P	3.6
4	☐	125.000	132.435	3039.25	0.0013	P	1.8
5	☐	250.000	263.416	5831.26	0.0026	P	1.9
6	☐	500.000	509.964	10933.21	0.0050	P	0.2
7	☐	1000.000	990.635	21320.65	0.0097	P	2.0
8	☐			31.11	0.0000	P	6.7

$$y = 9.8162E-006 * x + 9.4908E-006$$

$$R = 0.9998$$

$$DL = 0.7916$$

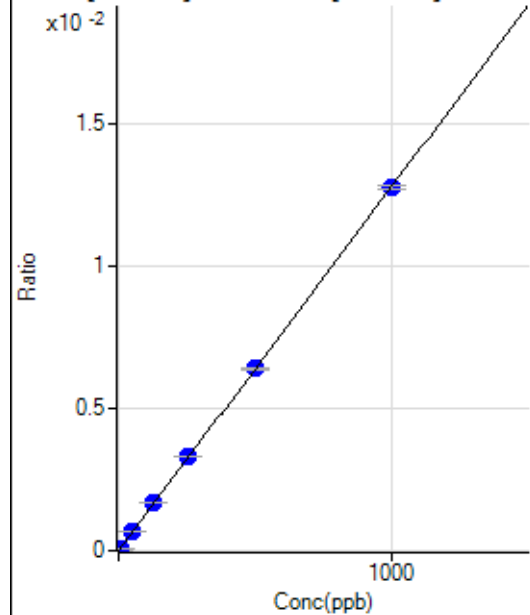
$$BEC = 0.9668$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37293.97		P	1.1
2	☐			36865.10		P	2.0
3	☐			36241.18		P	0.4
4	☐			35051.54		P	0.4
5	☐			33838.62		P	0.5
6	☐			33545.72		P	0.4
7	☐			33377.52		P	1.5
8	☐			32527.69		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.78	0.0000	P	48.1
2	☐	5.000	5.445	2390.28	0.0001	P	4.2
3	☐	50.000	50.497	21917.71	0.0006	P	1.3
4	☐	125.000	130.659	54931.40	0.0017	P	0.7
5	☐	250.000	258.060	106290.22	0.0033	P	0.9
6	☐	500.000	499.658	202268.56	0.0064	P	0.3
7	☐	1000.000	997.422	393492.44	0.0127	P	0.9
8	☐			342.24	0.0000	P	3.5

$$y = 1.2774\text{E-}005 * x + 1.1181\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.1263$$

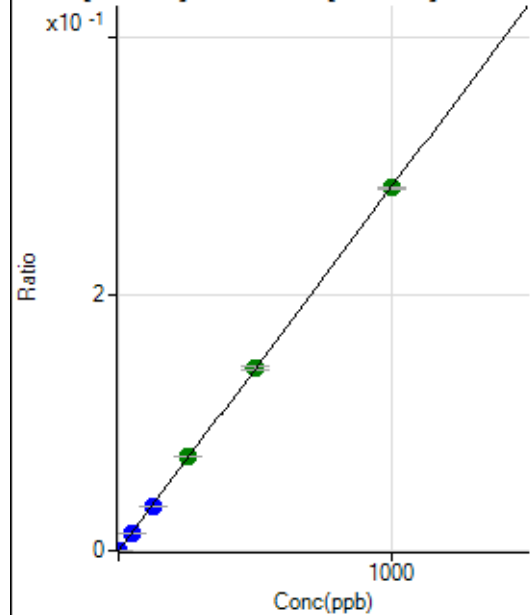
$$BEC = 0.08753$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			288.89		P	6.8
2	☐			314.45		P	15.4
3	☐			314.45		P	17.0
4	☐			286.67		P	15.4
5	☐			321.12		P	9.9
6	☐			350.01		P	12.4
7	☐			365.57		P	10.2
8	☐			421.13		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	503.34	0.0000	P	10.4
2	☐	1.000	1.088	10939.93	0.0003	P	2.7
3	☐	50.000	47.489	457212.31	0.0135	P	0.8
4	☐	125.000	121.479	1133369.32	0.0345	P	1.0
5	☐	250.000	258.238	2360591.98	0.0732	A	1.3
6	☐	500.000	501.997	4510841.81	0.1424	A	1.2
7	☐	1000.000	997.508	8735494.10	0.2828	A	0.6
8	☐			27952.45	0.0009	P	2.0

$$y = 2.8354E-004 * x + 1.4926E-005$$

$$R = 0.9999$$

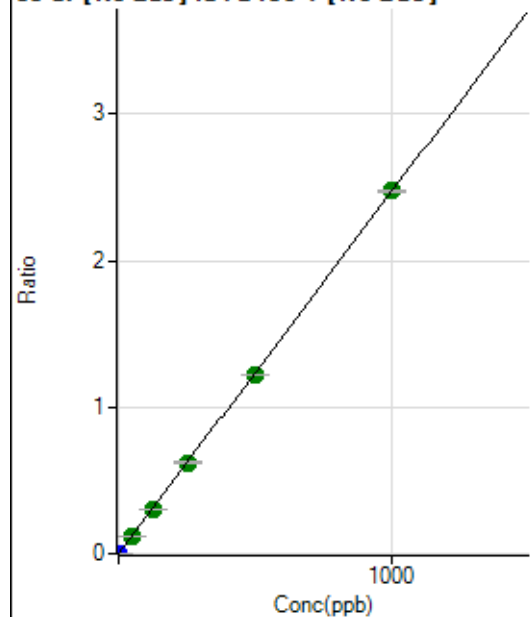
$$DL = 0.01648$$

$$BEC = 0.05264$$

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	461.13	0.0000	P	11.8
2	☐	1.000	1.059	88892.48	0.0026	P	0.9
3	☐	50.000	49.138	4117146.12	0.1214	A	1.2
4	☐	125.000	124.008	10075094.36	0.3063	A	0.5
5	☐	250.000	251.943	20059980.95	0.6223	A	1.1
6	☐	500.000	494.490	38702812.48	1.2215	A	0.6
7	☐	1000.000	1002.436	76474076.64	2.4762	A	0.6
8	☐			238464.47	0.0079	P	1.1

$$y = 0.0025 * x + 1.3675E-005$$

$$R = 1.0000$$

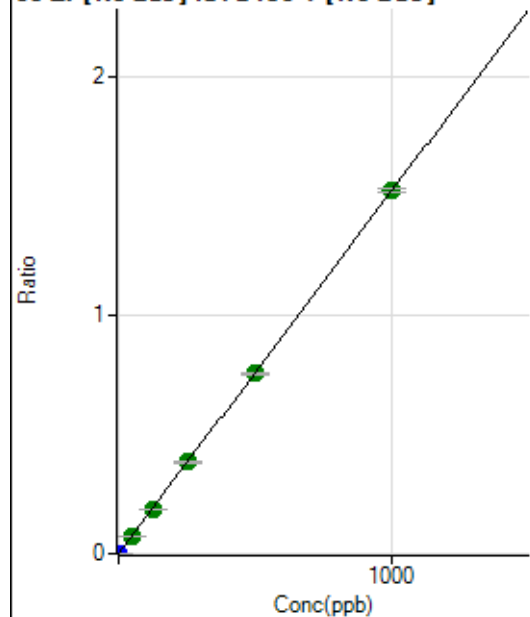
$$DL = 0.001954$$

$$BEC = 0.005536$$

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	1620.12	0.0000	P	2.5
2	☐	1.000	1.045	55373.80	0.0016	P	1.5
3	☐	50.000	49.266	2542192.93	0.0749	A	0.5
4	☐	125.000	123.802	6192231.85	0.1883	A	1.1
5	☐	250.000	252.951	12396776.76	0.3846	A	1.1
6	☐	500.000	497.527	23969169.92	0.7564	A	1.3
7	☐	1000.000	1000.685	46981464.86	1.5214	A	1.1
8	☐			22499.33	0.0007	P	0.9

$$y = 0.0015 * x + 4.8043E-005$$

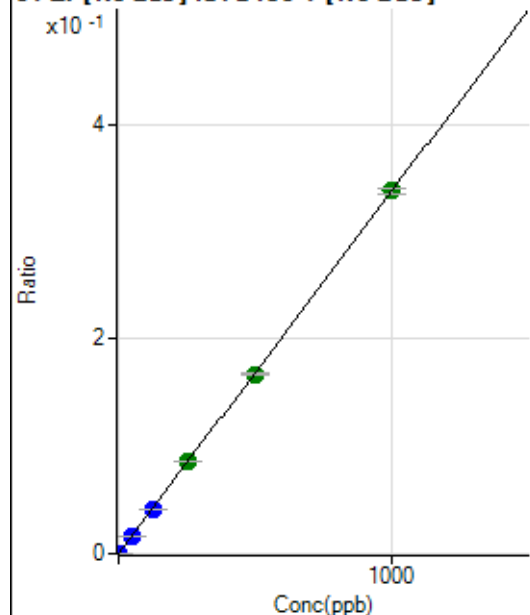
$$R = 1.0000$$

$$DL = 0.002374$$

$$BEC = 0.0316$$

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	311.12	0.0000	P	5.3
2	☐	1.000	1.039	12168.73	0.0004	P	3.2
3	☐	50.000	47.039	538565.83	0.0159	P	0.9
4	☐	125.000	120.862	1341387.84	0.0408	P	1.2
5	☐	250.000	255.095	2774268.01	0.0861	A	1.1
6	☐	500.000	495.580	5297968.50	0.1672	A	0.4
7	☐	1000.000	1001.601	10434310.40	0.3379	A	1.5
8	☐			4826.44	0.0002	P	5.2

$$y = 3.3737\text{E-}004 * x + 9.2247\text{E-}006$$

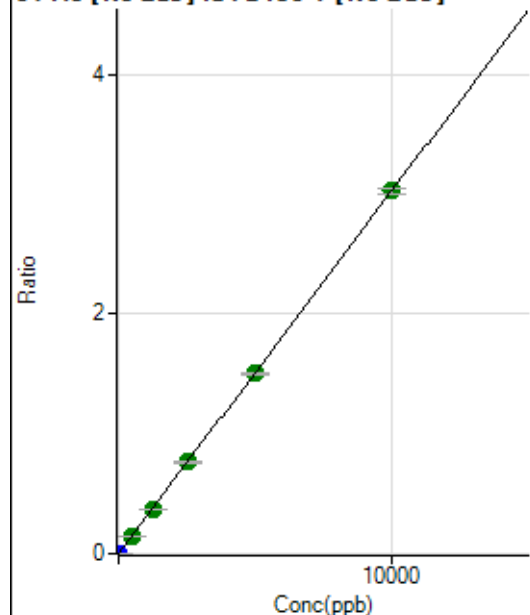
$$R = 1.0000$$

$$DL = 0.004334$$

$$BEC = 0.02734$$

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	595.57	0.0000	P	1.7
2	☐	5.000	6.183	63843.25	0.0019	P	0.6
3	☐	500.000	486.754	4994308.12	0.1473	A	1.9
4	☐	1250.000	1238.968	12327232.31	0.3748	A	0.5
5	☐	2500.000	2523.716	24606714.35	0.7634	A	0.9
6	☐	5000.000	4969.540	47630971.52	1.5033	A	0.6
7	☐	10000.000	10011.342	93523084.16	3.0284	A	1.3
8	☐			18763.87	0.0006	P	3.8

$$y = 3.0249\text{E-}004 * x + 1.7658\text{E-}005$$

$$R = 1.0000$$

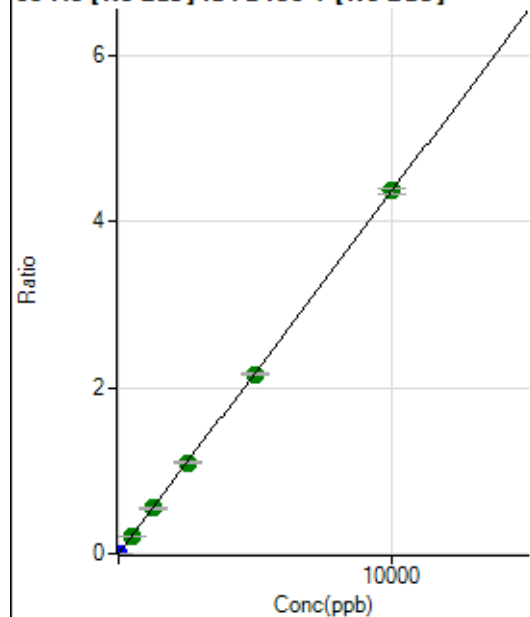
$$DL = 0.002967$$

$$BEC = 0.05838$$

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	227.78	0.0000	P	34.0
2	☐	5.000	5.223	77286.59	0.0023	P	1.7
3	☐	500.000	488.173	7224309.89	0.2130	A	0.9
4	☐	1250.000	1249.994	17937824.60	0.5454	A	0.8
5	☐	2500.000	2518.848	35423402.52	1.0990	A	1.1
6	☐	5000.000	4960.219	68570260.09	2.1642	A	0.7
7	☐	10000.000	10015.770	134947817.9	4.3699	A	1.6
8	☐			17472.19	0.0006	P	1.2

$$y = 4.3630\text{E-}004 * x + 6.7634\text{E-}006$$

$$R = 1.0000$$

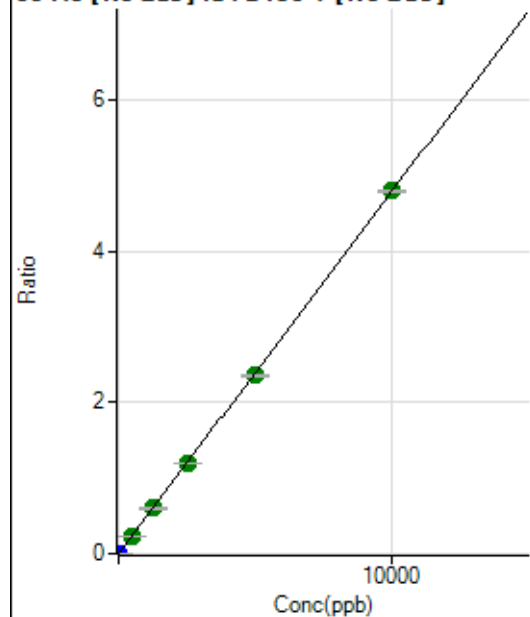
$$DL = 0.01582$$

$$BEC = 0.0155$$

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	334.45	0.0000	P	0.4
2	☐	5.000	5.306	86060.84	0.0025	P	0.5
3	☐	500.000	484.978	7859464.12	0.2317	A	0.9
4	☐	1250.000	1254.817	19719037.07	0.5995	A	1.3
5	☐	2500.000	2511.990	38685346.92	1.2002	A	1.1
6	☐	5000.000	4929.999	74630467.22	2.3555	A	0.6
7	☐	10000.000	10032.152	148028438.9	4.7931	A	0.8
8	☐			35213.57	0.0012	P	1.4

$$y = 4.7778\text{E-}004 * x + 9.9168\text{E-}006$$

$$R = 1.0000$$

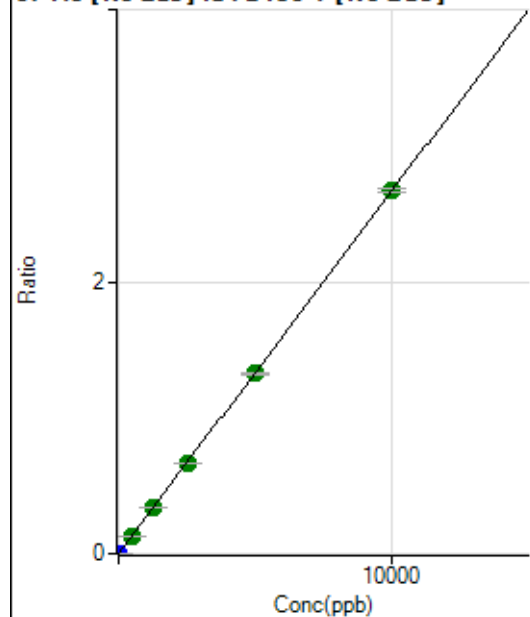
$$DL = 0.0002618$$

$$BEC = 0.02076$$

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	136.67	0.0000	P	17.7
2	☐	5.000	5.281	47772.93	0.0014	P	0.8
3	☐	500.000	491.761	4449219.87	0.1312	A	1.5
4	☐	1250.000	1252.269	10986289.56	0.3340	A	0.5
5	☐	2500.000	2498.241	21479048.85	0.6664	A	1.1
6	☐	5000.000	4971.111	42012194.10	1.3260	A	1.0
7	☐	10000.000	10015.012	82493113.22	2.6714	A	0.9
8	☐			10826.54	0.0004	P	4.0

$$y = 2.6674\text{E-}004 * x + 4.0552\text{E-}006$$

$$R = 1.0000$$

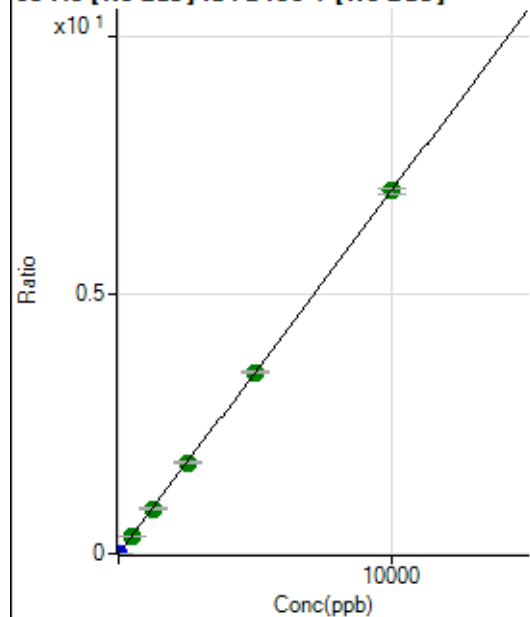
$$DL = 0.008063$$

$$BEC = 0.0152$$

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	345.56	0.0000	P	21.1
2	☐	5.000	5.245	124646.91	0.0037	P	0.9
3	☐	500.000	487.579	11589344.55	0.3417	A	1.1
4	☐	1250.000	1243.344	28658026.52	0.8713	A	0.5
5	☐	2500.000	2515.611	56822637.49	1.7629	A	0.6
6	☐	5000.000	4999.103	111001896.1	3.5033	A	1.0
7	☐	10000.000	9997.999	216372199.0	7.0064	A	1.3
8	☐			26594.48	0.0009	P	4.4

$$y = 7.0078\text{E-}004 * x + 1.0245\text{E-}005$$

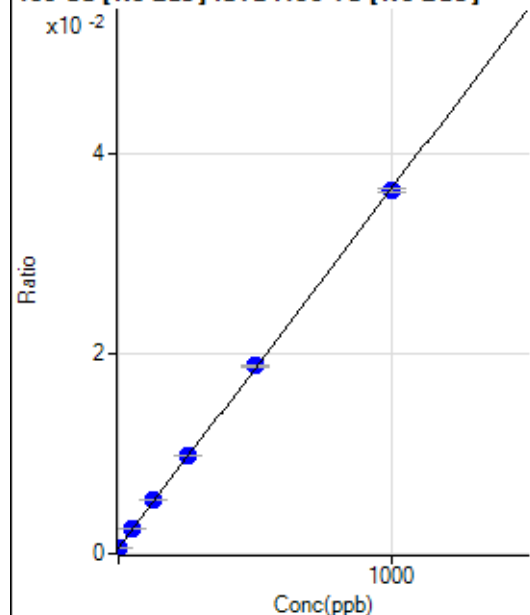
$$R = 1.0000$$

$$DL = 0.009245$$

$$BEC = 0.01462$$

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	11995.30	0.0006	P	1.5
2	☐	1.000	0.832	12689.24	0.0006	P	0.7
3	☐	50.000	53.434	51610.46	0.0025	P	1.7
4	☐	125.000	134.454	110964.86	0.0054	P	1.3
5	☐	250.000	257.890	205495.08	0.0098	P	1.1
6	☐	500.000	506.021	381677.28	0.0187	P	0.8
7	☐	1000.000	993.664	731177.70	0.0362	P	1.0
8	☐			10679.76	0.0006	P	0.7

$$y = 3.5866\text{E-}005 * x + 5.8420\text{E-}004$$

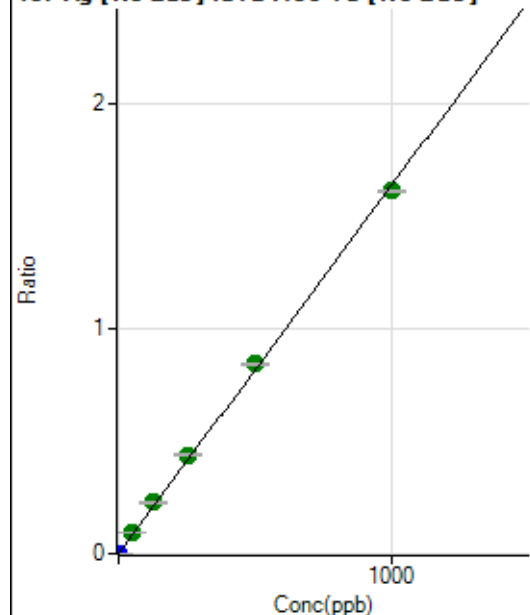
$$R = 0.9999$$

$$DL = 0.7122$$

$$BEC = 16.29$$

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	198.89	0.0000	P	4.1
2	☐	1.000	1.134	38545.92	0.0019	P	1.6
3	☐	50.000	56.988	1924311.64	0.0932	A	2.8
4	☐	125.000	138.573	4653312.81	0.2267	A	1.5
5	☐	250.000	268.172	9167804.72	0.4387	A	1.4
6	☐	500.000	516.037	17200858.77	0.8442	A	0.8
7	☐	1000.000	985.392	32541142.57	1.6121	A	0.7
8	☐			2941.46	0.0002	P	9.8

$$y = 0.0016 * x + 9.6868\text{E-}006$$

$$R = 0.9996$$

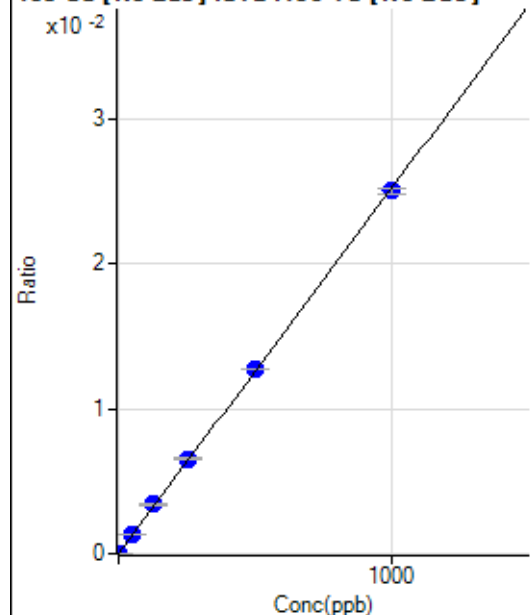
$$DL = 0.0007359$$

$$BEC = 0.005921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	38.4
2	☐	1.000	1.185	645.58	0.0000	P	4.1
3	☐	50.000	53.630	27941.65	0.0014	P	1.3
4	☐	125.000	134.284	69531.89	0.0034	P	0.3
5	☐	250.000	258.770	136381.22	0.0065	P	1.8
6	☐	500.000	506.244	260118.71	0.0128	P	0.6
7	☐	1000.000	993.343	505628.53	0.0251	P	1.3
8	☐			205.56	0.0000	P	8.6

$$y = 2.5217\text{E-}005 * x + 1.3525\text{E-}006$$

$$R = 0.9999$$

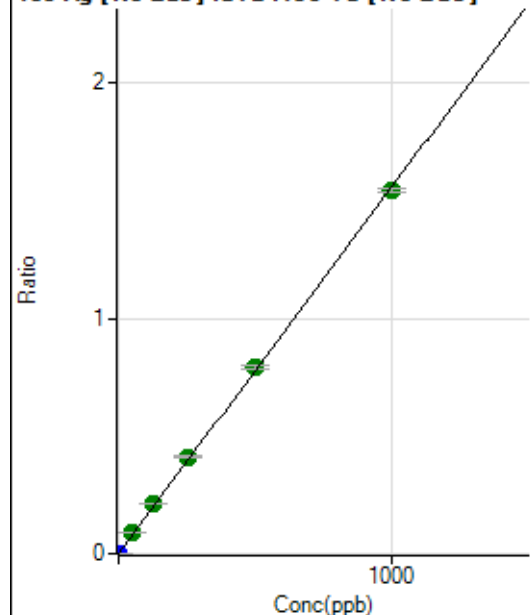
$$DL = 0.06184$$

$$BEC = 0.05364$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	30.4
2	☐	1.000	1.126	36314.48	0.0018	P	1.5
3	☐	50.000	55.557	1786854.24	0.0866	A	1.2
4	☐	125.000	137.412	4394444.17	0.2141	A	1.6
5	☐	250.000	263.054	8564943.41	0.4099	A	2.0
6	☐	500.000	509.029	16159675.73	0.7932	A	1.4
7	☐	1000.000	990.392	31150608.70	1.5432	A	1.1
8	☐			2789.20	0.0001	P	11.3

$$y = 0.0016 * x + 3.0305\text{E-}006$$

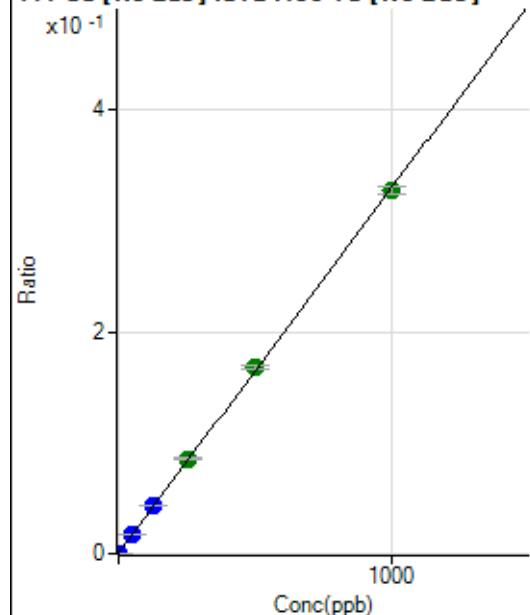
$$R = 0.9998$$

$$DL = 0.001773$$

$$BEC = 0.001945$$

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	8403.94	0.0004	P	1.6
2	☐	1.000	1.123	16093.88	0.0008	P	1.0
3	☐	50.000	51.592	358783.50	0.0174	P	1.1
4	☐	125.000	129.285	881355.37	0.0429	P	1.3
5	☐	250.000	258.445	1785327.87	0.0854	A	1.3
6	☐	500.000	510.146	3427723.44	0.1682	A	1.4
7	☐	1000.000	992.200	6597302.37	0.3268	A	2.0
8	☐			8240.87	0.0004	P	0.5

$$y = 3.2899\text{E-}004 * x + 4.0930\text{E-}004$$

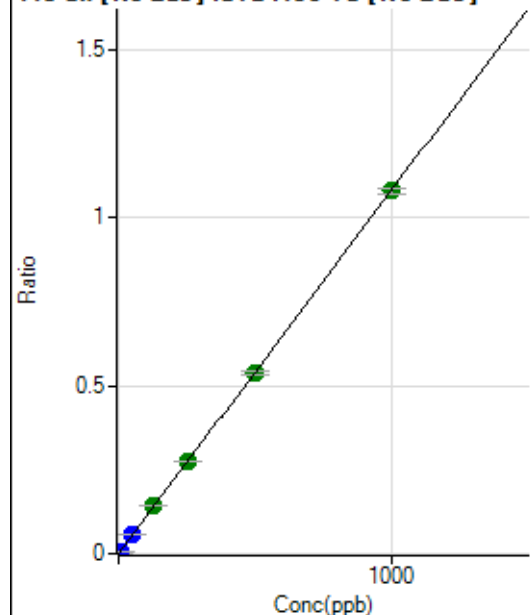
$$R = 0.9999$$

$$DL = 0.05947$$

$$BEC = 1.244$$

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	3718.32	0.0002	P	1.0
2	☐	5.000	5.501	126596.16	0.0061	P	0.8
3	☐	50.000	50.481	1129891.36	0.0547	P	0.5
4	☐	125.000	132.103	2933675.82	0.1430	A	2.4
5	☐	250.000	254.731	5756958.66	0.2755	A	1.0
6	☐	500.000	499.439	11000564.00	0.5400	A	2.2
7	☐	1000.000	998.183	21781620.23	1.0790	A	1.6
8	☐			8046.88	0.0004	P	2.2

$$y = 0.0011 * x + 1.8107\text{E-}004$$

$$R = 1.0000$$

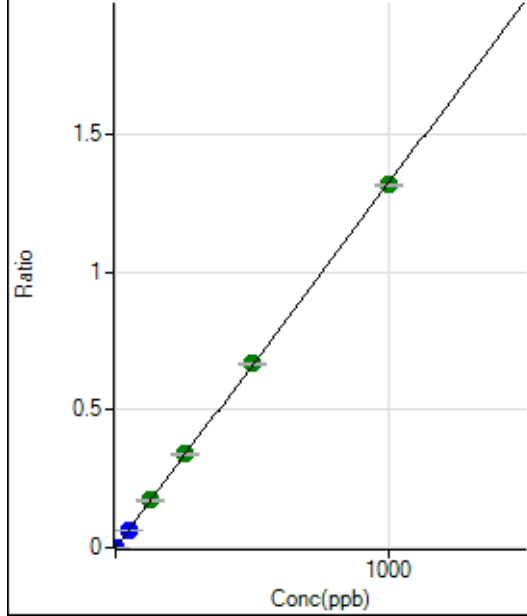
$$DL = 0.004943$$

$$BEC = 0.1675$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	3.2
2	☐	2.000	2.175	59502.00	0.0029	P	0.8
3	☐	50.000	49.789	1359592.10	0.0659	P	0.9
4	☐	125.000	130.806	3551142.20	0.1730	A	2.5
5	☐	250.000	256.016	7077506.70	0.3387	A	1.6
6	☐	500.000	504.996	13610934.80	0.6681	A	1.2
7	☐	1000.000	995.282	26578218.22	1.3167	A	0.8
8	☐			18582.70	0.0010	P	1.8

$$y = 0.0013 * x + 2.3805E-006$$

$$R = 0.9999$$

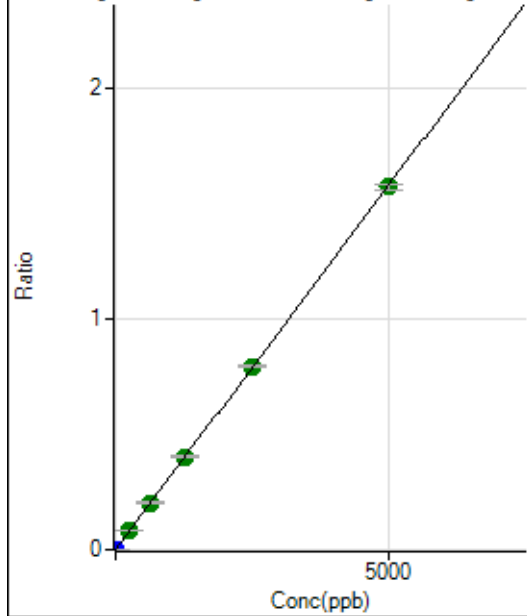
$$DL = 0.0001707$$

$$BEC = 0.001799$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.23	0.0000	P	34.2
2	☐	10.000	10.796	70466.30	0.0034	P	1.3
3	☐	250.000	255.411	1662693.41	0.0806	A	0.7
4	☐	625.000	645.802	4180304.59	0.2037	A	0.5
5	☐	1250.000	1277.700	8419809.81	0.4029	A	1.9
6	☐	2500.000	2517.891	16178368.37	0.7940	A	0.9
7	☐	5000.000	4981.257	31708191.19	1.5709	A	1.6
8	☐			11962.04	0.0006	P	1.6

$$y = 3.1536E-004 * x + 5.4704E-006$$

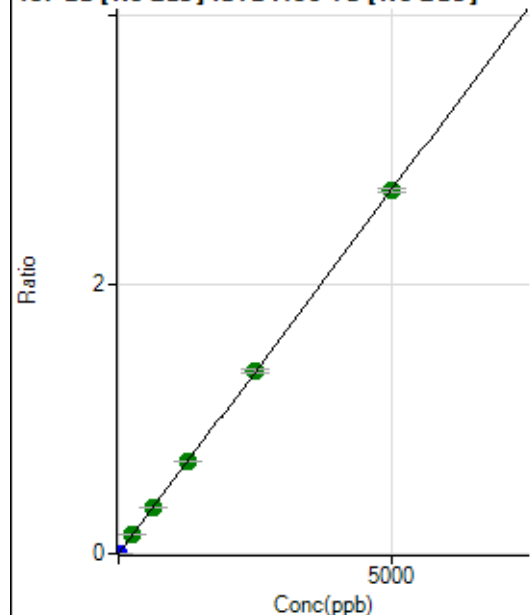
$$R = 1.0000$$

$$DL = 0.0178$$

$$BEC = 0.01735$$

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	177.78	0.0000	P	8.2
2	☐	10.000	10.864	121596.24	0.0059	P	1.4
3	☐	250.000	258.115	2881470.93	0.1396	A	1.6
4	☐	625.000	641.006	7116314.62	0.3467	A	1.0
5	☐	1250.000	1265.367	14300974.09	0.6844	A	0.7
6	☐	2500.000	2510.758	27667353.48	1.3579	A	1.8
7	☐	5000.000	4988.371	54455713.08	2.6979	A	1.0
8	☐			20749.32	0.0011	P	1.9

$$y = 5.4083E-004 * x + 8.6543E-006$$

$$R = 1.0000$$

$$DL = 0.00393$$

$$BEC = 0.016$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	28.6
2	☐			21.11		P	24.1
3	☐			145.56		P	22.0
4	☐			335.56		P	7.2
5	☐			623.35		P	12.6
6	☐			1218.96		P	2.1
7	☐			2295.77		P	3.4
8	☐			486.68		P	6.0

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			5.56		P	34.7
3	☐			12.22		P	15.7
4	☐			27.78		P	27.7
5	☐			35.55		P	19.5
6	☐			70.00		P	4.8
7	☐			104.45		P	29.7
8	☐			128.89		P	35.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	57.3
2	☐			31.11		P	43.3
3	☐			58.89		P	22.9
4	☐			140.00		P	39.3
5	☐			206.67		P	17.0
6	☐			401.12		P	15.0
7	☐			742.25		P	8.6
8	☐			936.71		P	4.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			12.22		P	15.7
3	☐			17.78		P	21.7
4	☐			21.11		P	36.5
5	☐			41.11		P	16.9
6	☐			68.89		P	17.0
7	☐			105.56		P	14.9
8	☐			284.45		P	5.8

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			164.45		P	4.2
2	☐			156.67		P	18.2
3	☐			196.67		P	17.7
4	☐			203.34		P	7.1
5	☐			226.67		P	0.0
6	☐			297.78		P	15.2
7	☐			442.23		P	11.8
8	☐			824.48		P	6.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			32.22		P	15.8
2	☐			35.56		P	14.3
3	☐			43.33		P	27.7
4	☐			55.56		P	22.7
5	☐			71.11		P	5.4
6	☐			93.33		P	10.7
7	☐			148.89		P	28.0
8	☐			331.12		P	14.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			144.45		P	22.7
2	☐			141.11		P	8.3
3	☐			157.78		P	12.0
4	☐			185.56		P	15.5
5	☐			232.23		P	11.1
6	☐			333.34		P	2.0
7	☐			498.90		P	4.4
8	☐			1048.94		P	7.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	17.8
2	☐			61.11		P	30.0
3	☐			61.11		P	35.5
4	☐			92.22		P	24.1
5	☐			97.78		P	12.9
6	☐			116.67		P	9.9
7	☐			215.56		P	15.5
8	☐			392.23		P	4.7

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			134.45		P	14.5
2	☐			112.22		P	12.0
3	☐			124.45		P	29.4
4	☐			208.89		P	24.2
5	☐			257.78		P	16.2
6	☐			370.01		P	7.7
7	☐			570.02		P	16.2
8	☐			1661.23		P	3.4

172 Yb [He] No available calibration points

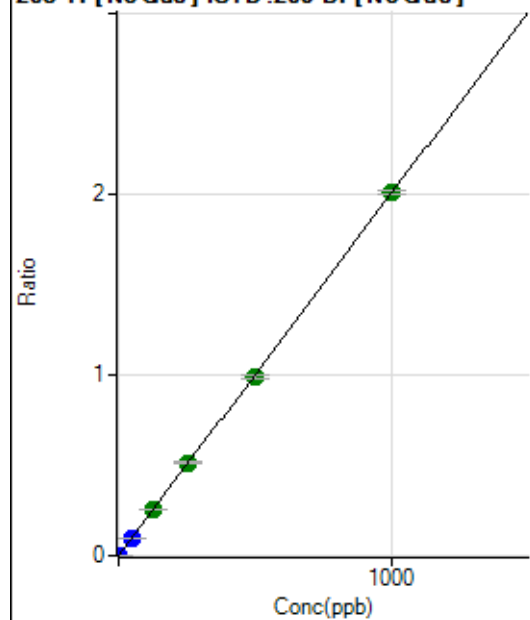
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	32.2
2	☐			53.33		P	6.3
3	☐			60.00		P	5.5
4	☐			77.78		P	22.0
5	☐			91.11		P	16.5
6	☐			158.89		P	6.1
7	☐			240.00		P	9.7
8	☐			758.92		P	7.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3094.84		P	5.5
2	☐			3135.96		P	1.1
3	☐			8182.61		P	1.7
4	☐			16316.84		P	0.9
5	☐			29972.98		P	3.0
6	☐			55103.18		P	1.2
7	☐			106377.27		P	0.7
8	☐			3548.29		P	5.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			938.93		P	7.9
2	☐			908.93		P	2.7
3	☐			2762.54		P	2.1
4	☐			5818.00		P	2.6
5	☐			10944.59		P	0.3
6	☐			20001.89		P	1.2
7	☐			39768.56		P	0.9
8	☐			1136.73		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	163.34	0.0000	P	8.0
2	☐	1.000	1.023	23002.66	0.0021	P	1.7
3	☐	50.000	46.126	1046181.09	0.0924	P	1.7
4	☐	125.000	127.233	2850311.24	0.2547	A	1.8
5	☐	250.000	257.137	5727986.86	0.5148	A	1.9
6	☐	500.000	494.694	10843736.50	0.9904	A	1.7
7	☐	1000.000	1000.783	21348162.32	2.0037	A	1.2
8	☐			1954.62	0.0002	P	10.9

$$y = 0.0020 * x + 1.4827E-005$$

$$R = 0.9999$$

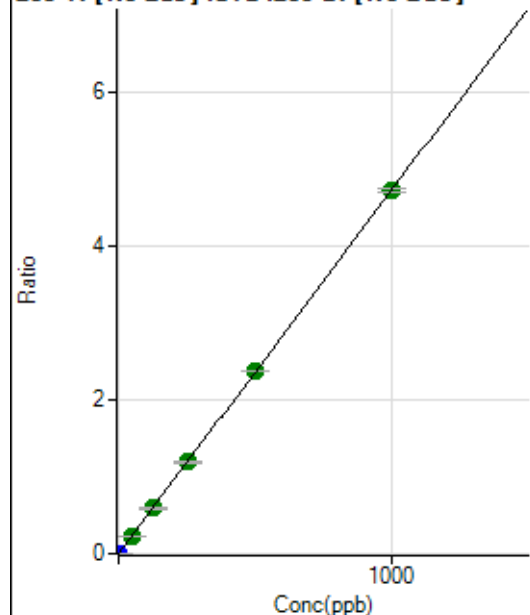
$$DL = 0.001785$$

$$BEC = 0.007406$$

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	365.57	0.0000	P	12.7
2	☐	1.000	1.024	54419.03	0.0049	P	2.1
3	☐	50.000	48.702	2610478.23	0.2305	A	1.8
4	☐	125.000	124.444	6589055.59	0.5889	A	1.0
5	☐	250.000	251.920	13263371.19	1.1920	A	1.6
6	☐	500.000	502.581	26041562.67	2.3781	A	0.1
7	☐	1000.000	998.364	50332429.81	4.7240	A	1.2
8	☐			4454.15	0.0005	P	9.3

$$y = 0.0047 * x + 3.3173E-005$$

$$R = 1.0000$$

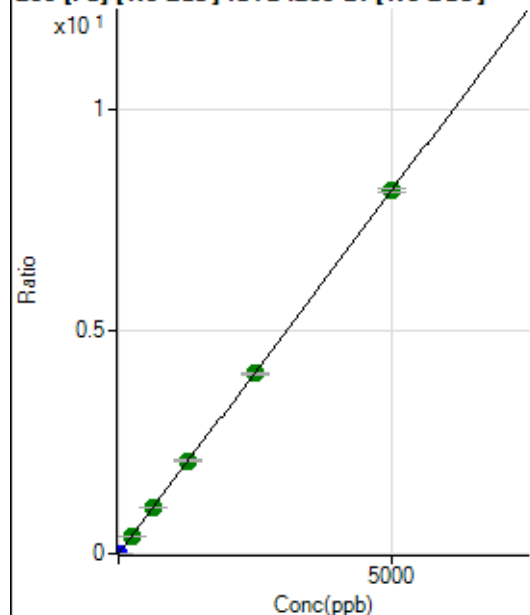
$$DL = 0.002664$$

$$BEC = 0.007011$$

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	615.58	0.0001	P	9.0
2	☐	1.000	1.002	18877.15	0.0017	P	1.9
3	☐	250.000	246.742	4564313.75	0.4030	A	0.9
4	☐	625.000	624.894	11418679.69	1.0204	A	0.5
5	☐	1250.000	1281.941	23292370.76	2.0933	A	1.0
6	☐	2500.000	2486.484	44456903.78	4.0602	A	0.9
7	☐	5000.000	4998.949	86970847.59	8.1628	A	1.2
8	☐			87388.42	0.0093	P	0.7

$$y = 0.0016 * x + 5.5935E-005$$

$$R = 1.0000$$

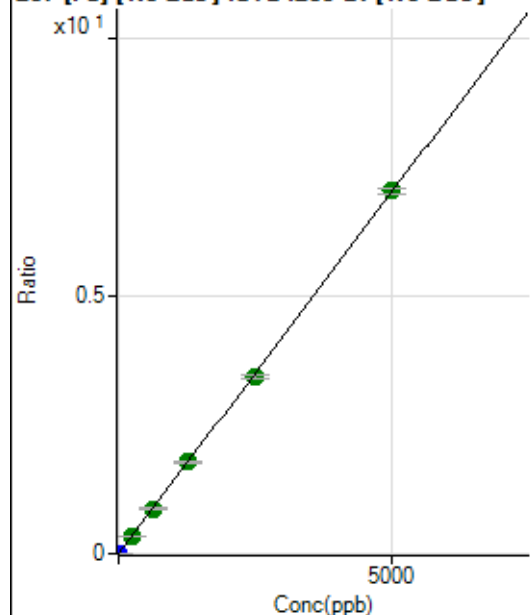
$$DL = 0.009211$$

$$BEC = 0.03426$$

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	480.02	0.0000	P	2.9
2	☐	1.000	1.026	16556.22	0.0015	P	4.4
3	☐	250.000	244.068	3882465.25	0.3428	A	0.4
4	☐	625.000	623.786	9802095.41	0.8759	A	1.0
5	☐	1250.000	1271.581	19866042.62	1.7856	A	2.1
6	☐	2500.000	2448.473	37645006.11	3.4381	A	1.4
7	☐	5000.000	5020.817	75115467.22	7.0501	A	1.3
8	☐			75765.24	0.0081	P	0.7

$$y = 0.0014 * x + 4.3595E-005$$

$$R = 0.9999$$

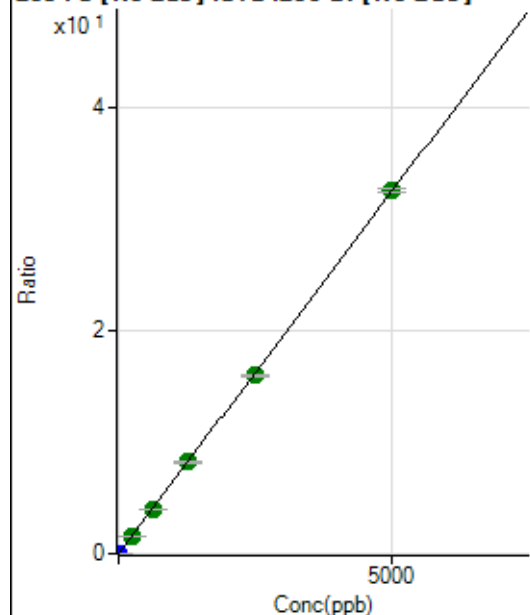
$$DL = 0.002705$$

$$BEC = 0.03105$$

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	2281.22	0.0002	P	6.2
2	☐	1.000	1.006	75103.98	0.0067	P	1.7
3	☐	250.000	242.704	17827858.87	1.5739	A	0.2
4	☐	625.000	623.095	45210530.86	4.0402	A	0.3
5	☐	1250.000	1264.434	91221767.11	8.1986	A	1.5
6	☐	2500.000	2462.610	174824999.6	15.9673	A	1.5
7	☐	5000.000	5015.689	346501387.6	32.5210	A	1.2
8	☐			346828.47	0.0370	P	0.6

$$y = 0.0065 * x + 2.0728E-004$$

$$R = 1.0000$$

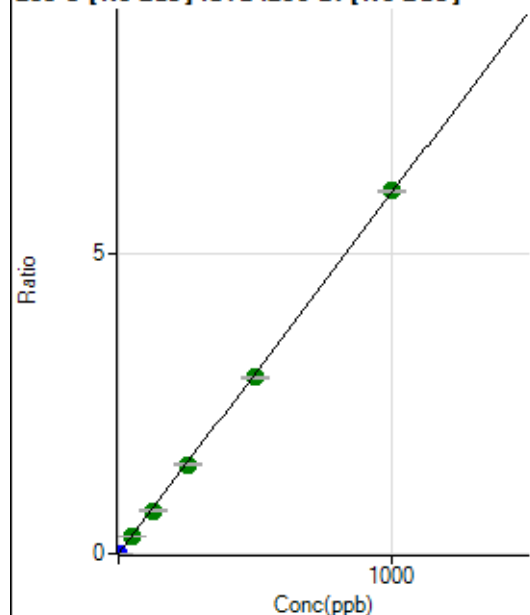
$$DL = 0.005985$$

$$BEC = 0.03197$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	254.45	0.0000	P	12.7
2	☐	1.000	0.989	66730.75	0.0060	P	2.0
3	☐	50.000	46.572	3178489.74	0.2806	A	1.0
4	☐	125.000	119.706	8069938.15	0.7212	A	0.6
5	☐	250.000	246.814	16544783.92	1.4869	A	1.7
6	☐	500.000	490.407	32348412.29	2.9544	A	1.2
7	☐	1000.000	1006.426	64602046.82	6.0631	A	0.7
8	☐			2513.61	0.0003	P	12.6

$$y = 0.0060 * x + 2.3128E-005$$

$$R = 0.9999$$

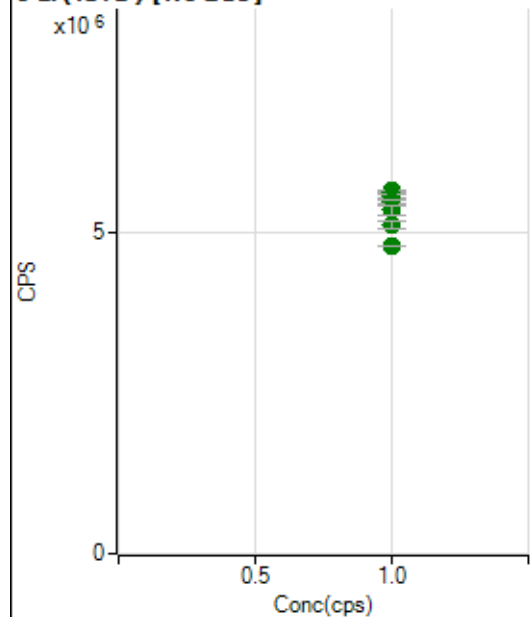
$$DL = 0.00146$$

$$BEC = 0.003839$$

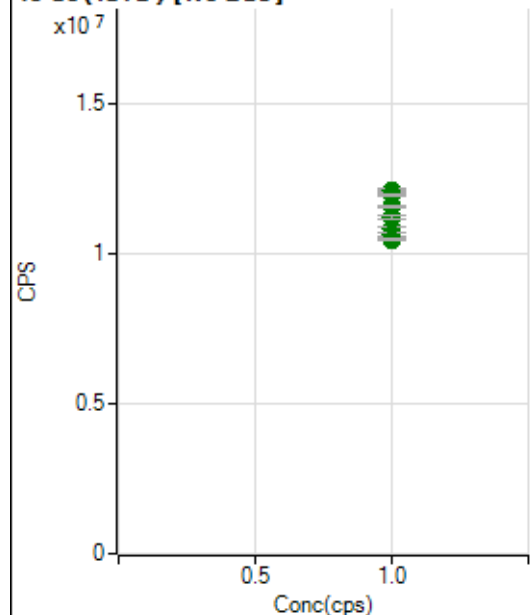
Weight: <None>

Min Conc: 0

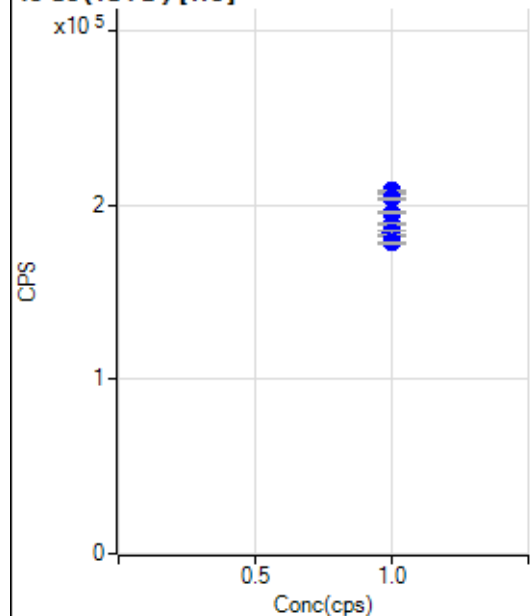
6 Li (ISTD) [No Gas]



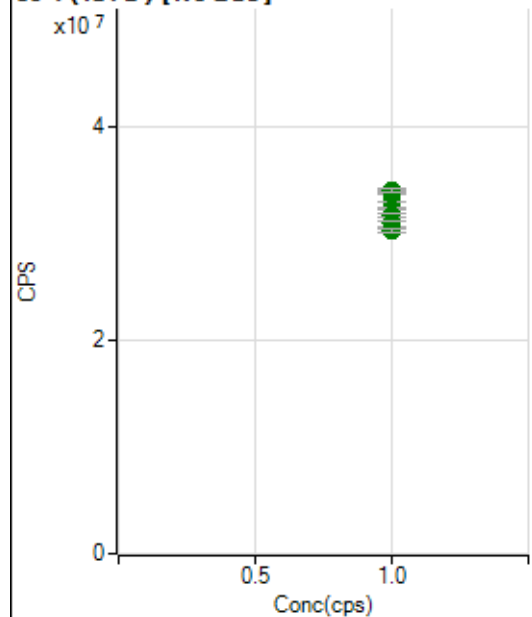
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5631731.93		A	0.5
2	☐	1.000		5637926.00		A	0.6
3	☐	1.000		5617556.41		A	1.0
4	☐	1.000		5548448.64		A	0.9
5	☐	1.000		5465989.57		A	1.2
6	☐	1.000		5337536.31		A	2.7
7	☐	1.000		5117588.70		A	2.1
8	☐	1.000		4786385.61		A	0.2

45 Sc (ISTD) [No Gas]

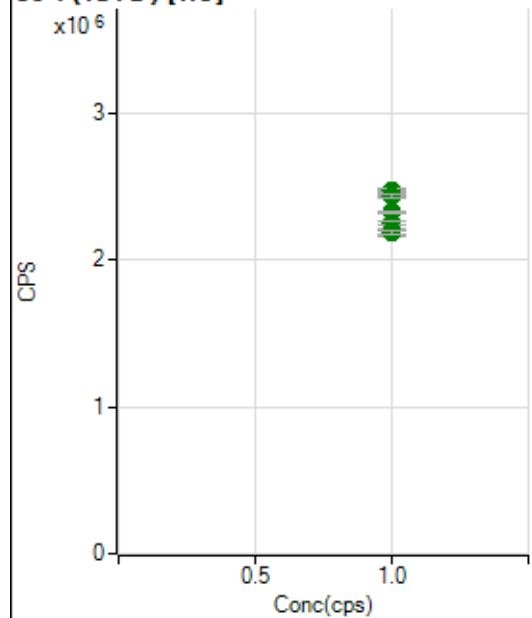
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12094917.04		A	0.7
2	☐	1.000		12085916.35		A	1.2
3	☐	1.000		11959781.91		A	0.5
4	☐	1.000		11579048.30		A	0.9
5	☐	1.000		11207399.42		A	1.1
6	☐	1.000		10811924.77		A	2.0
7	☐	1.000		10639298.04		A	0.8
8	☐	1.000		10471830.96		A	0.4

45 Sc (ISTD) [He]

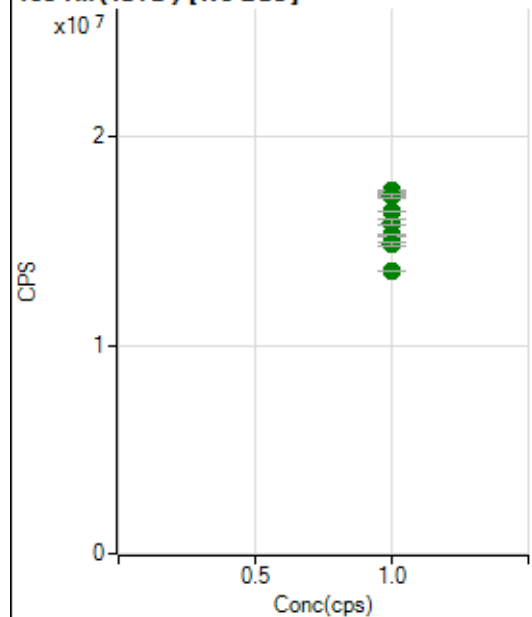
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		206604.77		P	0.6
2	☐	1.000		207902.91		P	0.6
3	☐	1.000		203427.39		P	0.9
4	☐	1.000		195374.81		P	0.6
5	☐	1.000		188504.71		P	0.6
6	☐	1.000		182351.26		P	0.8
7	☐	1.000		183815.58		P	1.0
8	☐	1.000		178355.11		P	0.8

89 Y (ISTD) [No Gas]

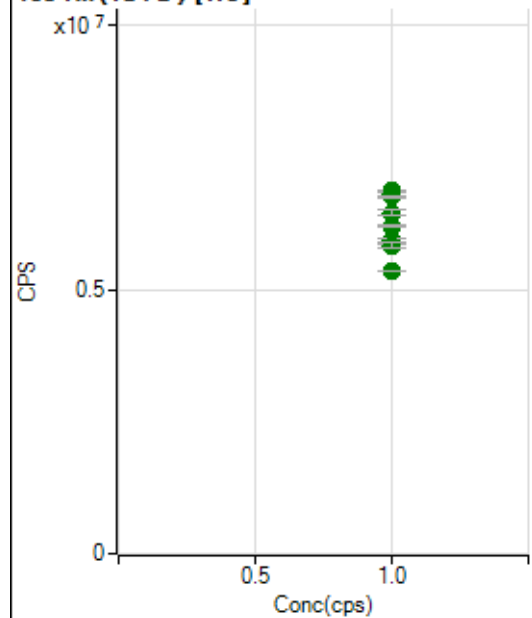
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		33725894.50		A	0.6
2	☐	1.000		33818662.27		A	0.7
3	☐	1.000		33919346.72		A	1.0
4	☐	1.000		32890254.51		A	0.3
5	☐	1.000		32231919.52		A	0.5
6	☐	1.000		31685340.92		A	1.1
7	☐	1.000		30883614.54		A	1.8
8	☐	1.000		30178459.55		A	0.8

89 Y (ISTD) [He]

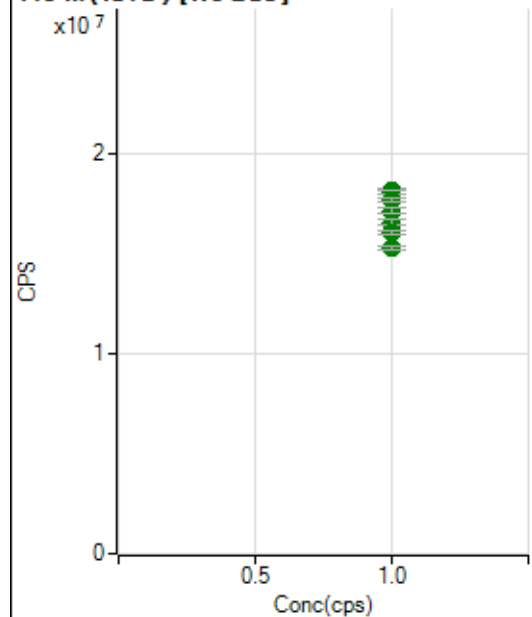
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2452481.08		A	1.4
2	☐	1.000		2466502.84		A	1.1
3	☐	1.000		2428182.93		A	1.2
4	☐	1.000		2321024.71		A	0.4
5	☐	1.000		2247021.53		A	0.9
6	☐	1.000		2179891.13		A	2.3
7	☐	1.000		2190748.58		A	1.3
8	☐	1.000		2179449.08		A	1.2

103 Rh (ISTD) [No Gas]

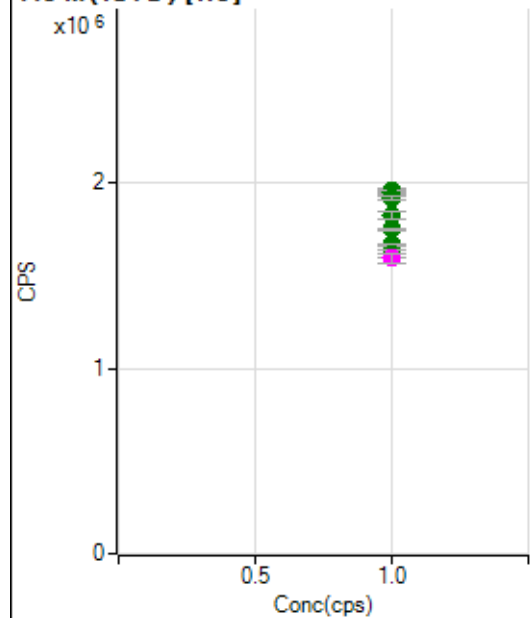
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17247017.38		A	1.4
2	☐	1.000		17401731.69		A	0.4
3	☐	1.000		17162966.41		A	1.1
4	☐	1.000		16413731.98		A	0.2
5	☐	1.000		15905429.35		A	1.5
6	☐	1.000		15274031.16		A	0.6
7	☐	1.000		14886895.06		A	1.2
8	☐	1.000		13535806.47		A	0.3

103 Rh (ISTD) [He]

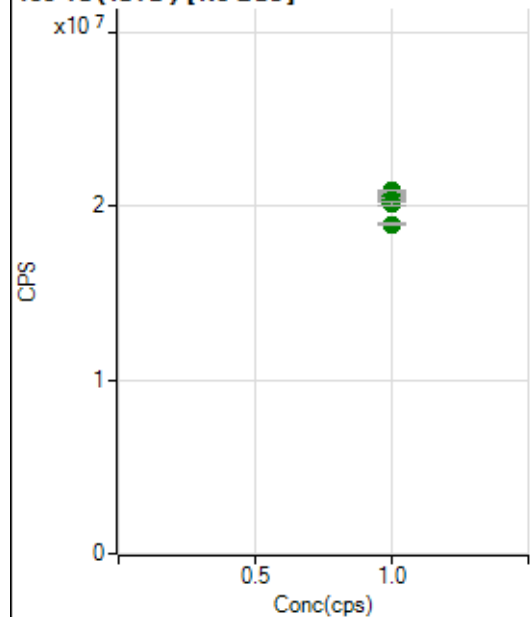
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6864932.68		A	0.3
2	☐	1.000		6819880.52		A	1.1
3	☐	1.000		6751123.65		A	1.0
4	☐	1.000		6454112.68		A	1.5
5	☐	1.000		6201978.94		A	1.0
6	☐	1.000		5928071.72		A	1.9
7	☐	1.000		5838970.68		A	1.4
8	☐	1.000		5350951.72		A	0.6

115 In (ISTD) [No Gas]

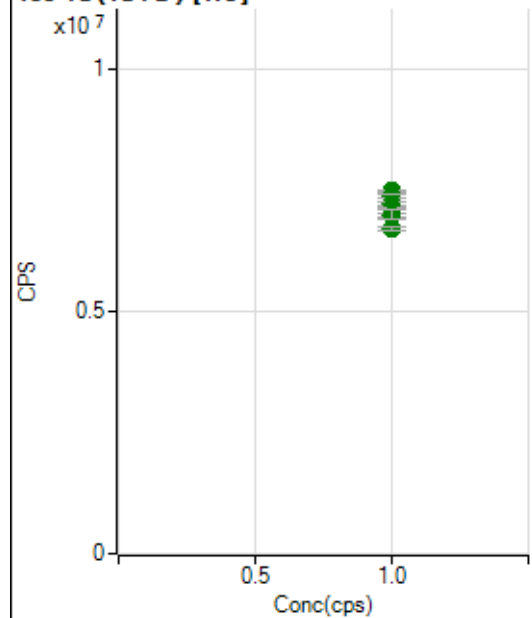
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17820909.56		A	0.5
2	☐	1.000		18171589.07		A	1.2
3	☐	1.000		18084268.98		A	1.0
4	☐	1.000		17739737.95		A	1.1
5	☐	1.000		17158012.59		A	1.6
6	☐	1.000		16605584.74		A	1.6
7	☐	1.000		16068964.38		A	1.6
8	☐	1.000		15306929.93		A	1.1

115 In (ISTD) [He]

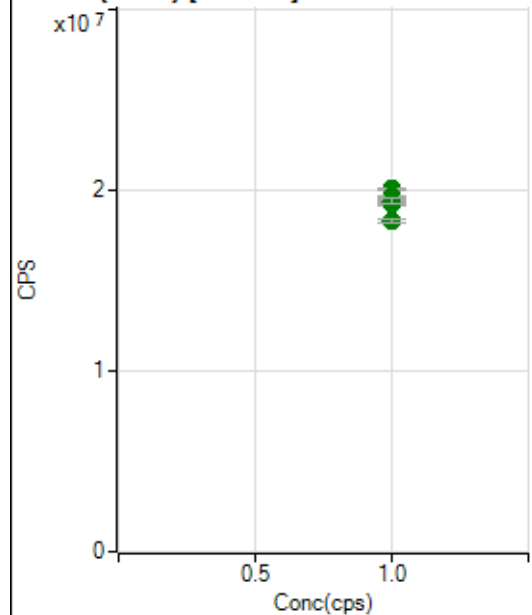
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1956187.58		A	1.2
2	☐	1.000		1949346.26		A	1.0
3	☐	1.000		1916689.47		A	1.2
4	☐	1.000		1823520.95		A	2.1
5	☐	1.000		1747780.46		A	0.4
6	☐	1.000		1664530.75		A	1.1
7	☐	1.000		1619319.97		A	2.7
8	☐	1.000		1592357.24		M	3.2

159 Tb (ISTD) [No Gas]

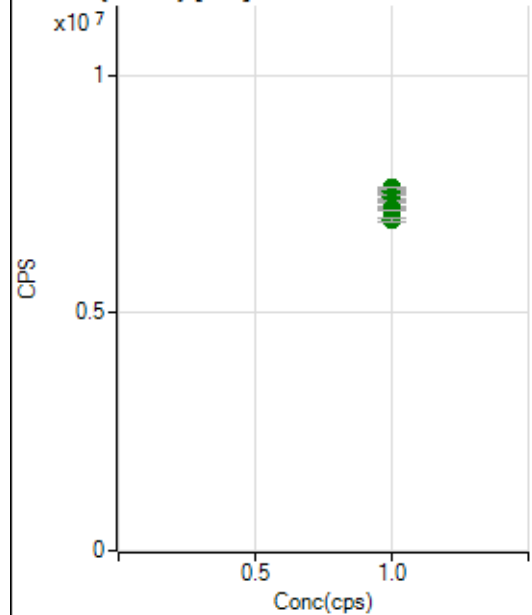
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20534438.17		A	0.8
2	☐	1.000		20664599.14		A	0.5
3	☐	1.000		20642048.30		A	1.3
4	☐	1.000		20525746.92		A	1.4
5	☐	1.000		20897317.61		A	0.6
6	☐	1.000		20374008.45		A	0.6
7	☐	1.000		20185817.48		A	0.9
8	☐	1.000		18981598.05		A	0.9

159 Tb (ISTD) [He]

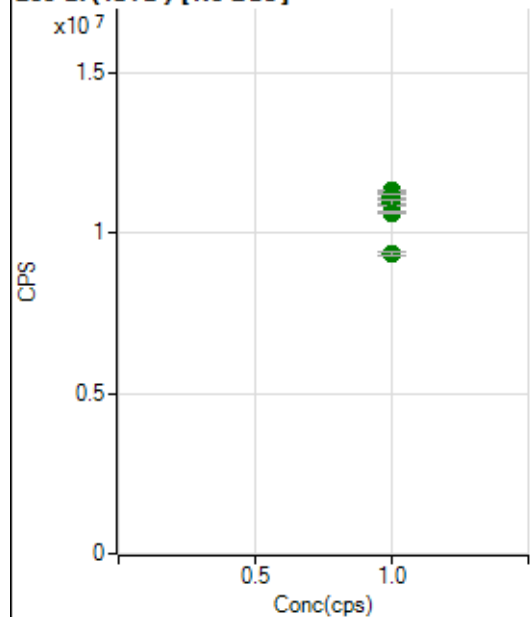
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7413557.81		A	0.6
2	☐	1.000		7475025.03		A	0.3
3	☐	1.000		7366190.66		A	1.1
4	☐	1.000		7212951.28		A	1.5
5	☐	1.000		7128588.16		A	0.6
6	☐	1.000		6975908.57		A	1.4
7	☐	1.000		6990051.15		A	2.4
8	☐	1.000		6688743.09		A	1.1

165 Ho (ISTD) [No Gas]

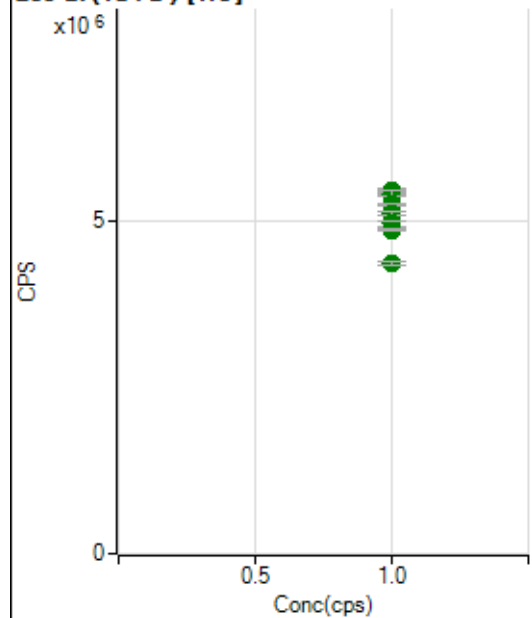
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19238994.58		A	1.1
2	☐	1.000		19507164.02		A	0.2
3	☐	1.000		20073659.70		A	0.7
4	☐	1.000		19641774.99		A	0.8
5	☐	1.000		19333671.66		A	0.2
6	☐	1.000		19404044.29		A	2.0
7	☐	1.000		19416123.32		A	1.4
8	☐	1.000		18319624.87		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7580600.37		A	0.4
2	☐	1.000		7573267.11		A	1.1
3	☐	1.000		7635596.55		A	0.3
4	☐	1.000		7451939.54		A	1.0
5	☐	1.000		7343037.05		A	0.6
6	☐	1.000		7222343.64		A	0.9
7	☐	1.000		7163394.47		A	0.1
8	☐	1.000		6978438.30		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11010743.03		A	1.2
2	☐	1.000		11155444.70		A	0.9
3	☐	1.000		11327411.36		A	0.7
4	☐	1.000		11190234.00		A	1.1
5	☐	1.000		11128043.17		A	1.3
6	☐	1.000		10950506.36		A	1.7
7	☐	1.000		10655330.67		A	0.9
8	☐	1.000		9377380.35		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5459778.32		A	1.9
2	☐	1.000		5454390.54		A	0.8
3	☐	1.000		5416341.03		A	1.5
4	☐	1.000		5260180.93		A	0.5
5	☐	1.000		5127542.95		A	1.1
6	☐	1.000		4969529.89		A	1.5
7	☐	1.000		4876163.64		A	1.1
8	☐	1.000		4360586.05		A	1.6