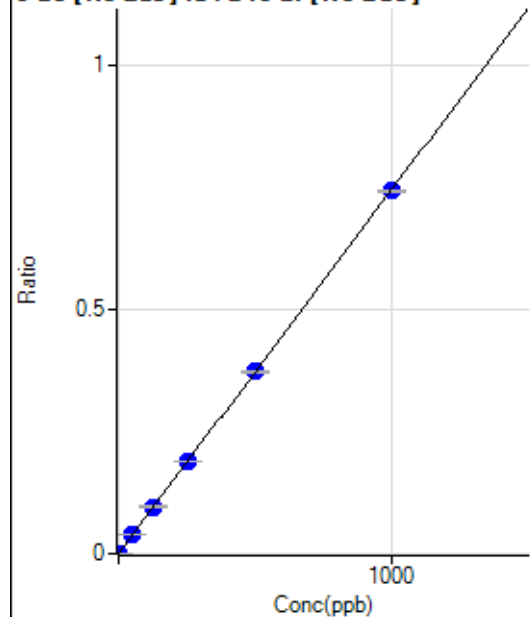


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7102324-MS.b\
 Analysis File: P7102324-MS.batch.bin
 DA Date-Time: 2024-10-23 09:43:36
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-23 04:10:01
2	005CALS.d	S02	2024-10-23 04:13:37
3	006CALS.d	S03	2024-10-23 04:17:03
4	007CALS.d	S04	2024-10-23 04:20:26
5	008CALS.d	S05	2024-10-23 04:23:47
6	009CALS.d	S06	2024-10-23 04:26:58
7	010CALS.d	S07	2024-10-23 04:30:02
8	011CALS.d	S08	2024-10-23 04:32:59

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.44	0.0001	P	3.4
2	☐	1.000	0.963	376.68	0.0008	P	1.5
3	☐	50.000	51.688	17656.79	0.0386	P	3.4
4	☐	125.000	128.961	44228.21	0.0962	P	1.7
5	☐	250.000	254.093	88867.59	0.1894	P	1.1
6	☐	500.000	501.997	179952.64	0.3741	P	1.0
7	☐	1000.000	997.399	362265.60	0.7431	P	0.7
8	☐			273.34	0.0006	P	17.8

$$y = 7.4496E-004 * x + 1.2184E-004$$

$$R = 1.0000$$

$$DL = 0.0166$$

$$BEC = 0.1636$$

Weight: <None>

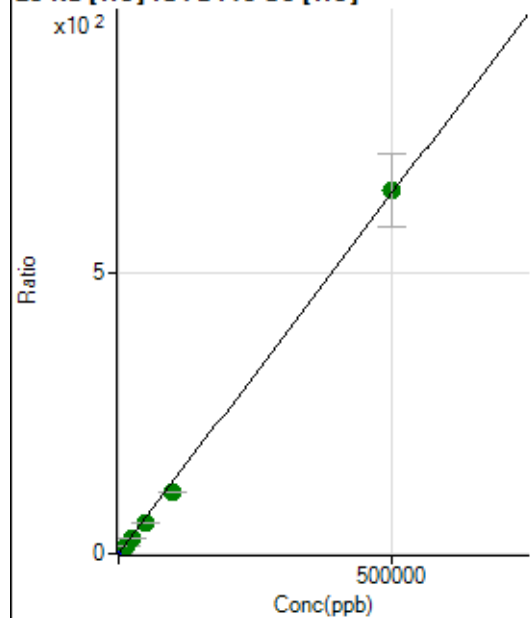
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3472.65	0.0397	P	5.9
2	☐	500.000	410.131	51444.40	0.5636	P	0.8
3	☐	5000.000	4416.042	520898.28	5.6814	P	0.6
4	☐	12500.000	10410.498	1234577.39	13.3397	A	0.4
5	☐	25000.000	21026.664	2517111.80	26.9024	A	1.2
6	☐	50000.000	41857.891	5097874.33	53.5155	A	0.1
7	☐	100000.00	84402.749	10390115.75	107.8689	A	0.2
8	☐	500000.00	504190.49	49797755.92	644.1712	A	20.0

$$y = 0.0013 * x + 0.0397$$

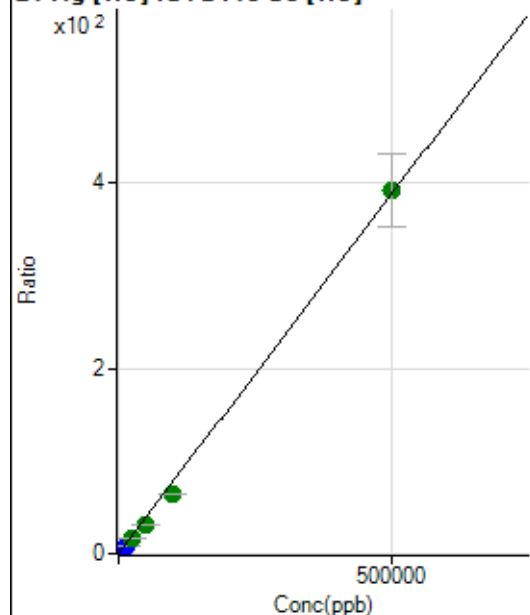
$$R = 0.9994$$

$$DL = 5.535$$

$$BEC = 31.06$$

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	1377.85	0.0157	P	1.0
2	☐	500.000	433.982	32191.49	0.3527	P	0.8
3	☐	5000.000	4297.816	307417.31	3.3530	P	0.7
4	☐	12500.000	10747.046	773785.45	8.3609	P	0.7
5	☐	25000.000	20909.666	1520655.91	16.2522	A	0.5
6	☐	50000.000	41059.472	3038691.62	31.8987	A	0.4
7	☐	100000.00	83081.206	6215615.95	64.5289	A	0.4
8	☐	500000.00	504533.24	30277169.83	391.7894	A	20.3

$$y = 7.7651\text{E-}004 * x + 0.0157$$

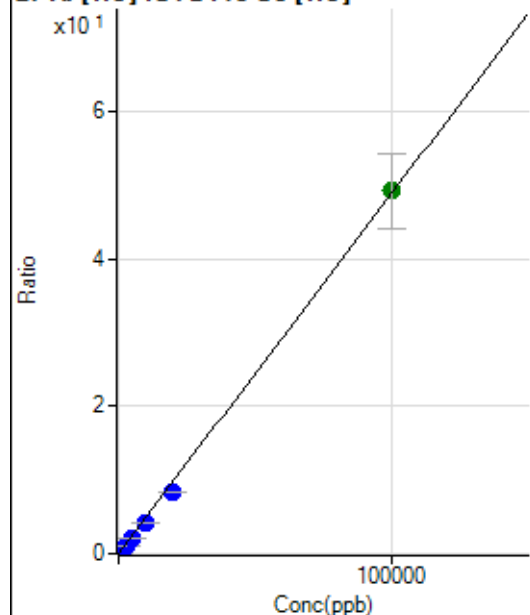
R = 0.9993

DL = 0.6201

BEC = 20.21

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	73.33	0.0008	P	15.5
2	☐	20.000	15.642	774.47	0.0085	P	6.9
3	☐	1000.000	1056.914	47458.53	0.5176	P	1.4
4	☐	2500.000	2163.921	97998.90	1.0589	P	0.7
5	☐	5000.000	4326.472	198007.03	2.1163	P	0.9
6	☐	10000.000	8556.822	398636.69	4.1847	P	0.5
7	☐	20000.000	17216.897	810941.23	8.4191	P	0.3
8	☐	100000.00	100742.44	3805681.68	49.2594	A	20.5

$$y = 4.8896\text{E-}004 * x + 8.3892\text{E-}004$$

R = 0.9995

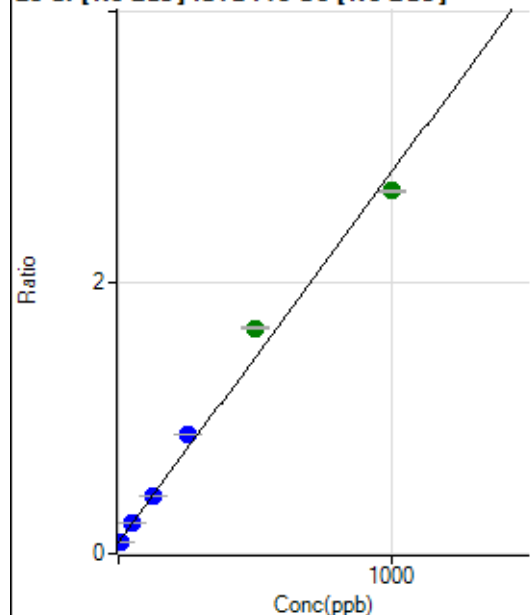
DL = 0.7993

BEC = 1.716

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	101305.97	0.0848	P	0.5
2	☐	10.000	0.961	104331.89	0.0874	P	0.8
3	☐	50.000	51.078	268655.95	0.2242	P	0.8
4	☐	125.000	125.784	515902.97	0.4281	P	1.1
5	☐	250.000	291.139	1065889.74	0.8795	P	0.5
6	☐	500.000	579.312	2053141.29	1.6662	A	1.0
7	☐	1000.000	949.997	3319161.30	2.6780	A	0.7
8	☐			123273.86	0.1009	P	2.2

$$y = 0.0027 * x + 0.0848$$

$$R = 0.9937$$

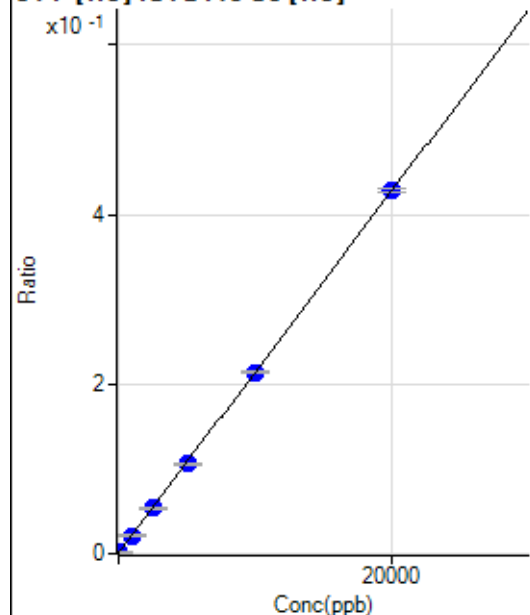
$$DL = 0.5111$$

$$BEC = 31.06$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.257	46.67	0.0005	P	38.8
2	☐	0.000	14.257	104.45	0.0011	P	12.3
3	☐	1000.000	958.058	1951.26	0.0213	P	4.1
4	☐	2500.000	2472.985	4960.84	0.0536	P	2.8
5	☐	5000.000	4936.797	9932.19	0.1062	P	2.4
6	☐	10000.000	10002.624	20408.13	0.2142	P	1.0
7	☐	20000.000	20019.962	41219.77	0.4280	P	1.2
8	☐			73.34	0.0009	P	37.2

$$y = 2.1334E-005 * x + 8.3957E-004$$

$$R = 1.0000$$

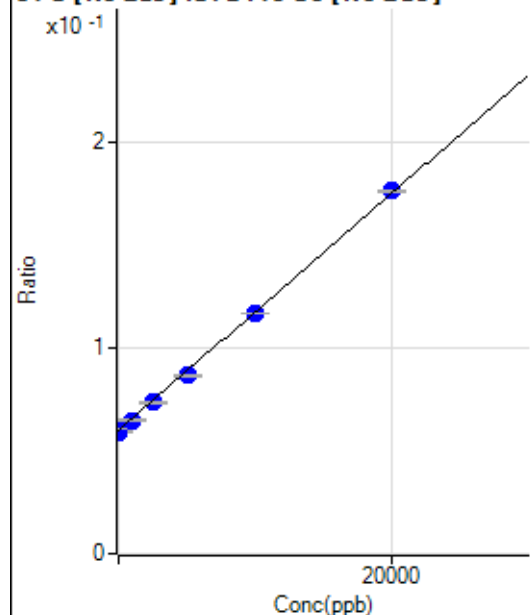
$$DL = 24.52$$

$$BEC = 39.35$$

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	-136.357	71053.06	0.0595	P	1.1
2	☐	0.000	136.357	72854.69	0.0610	P	0.9
3	☐	1000.000	819.426	77845.82	0.0650	P	1.1
4	☐	2500.000	2318.753	88697.56	0.0736	P	0.9
5	☐	5000.000	4586.170	105036.59	0.0867	P	0.3
6	☐	10000.000	9845.661	144144.30	0.1170	P	0.1
7	☐	20000.000	20212.312	219003.54	0.1767	P	0.4
8	☐			74034.79	0.0606	P	1.2

$$y = 5.7616\text{E-}006 * x + 0.0602$$

$$R = 0.9997$$

$$DL = 323.8$$

$$BEC = 1.046\text{E}+04$$

Weight: <None>

Min Conc: 0

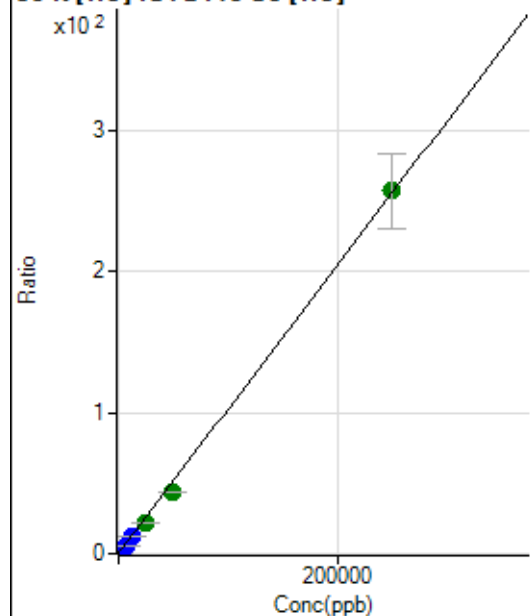
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24243.87	0.2771	P	7.0
2	☐	500.000	418.401	64149.88	0.7028	P	0.4
3	☐	2500.000	2261.744	236383.62	2.5783	P	1.2
4	☐	6250.000	5688.094	561246.86	6.0644	P	1.1
5	☐	12500.000	11409.730	1112081.96	11.8857	P	0.6
6	☐	25000.000	21021.369	2063763.27	21.6649	A	0.9
7	☐	50000.000	42230.783	4165232.68	43.2440	A	1.4
8	☐	250000.00	252022.81	19835011.09	256.6926	A	20.4

$$y = 0.0010 * x + 0.2771$$

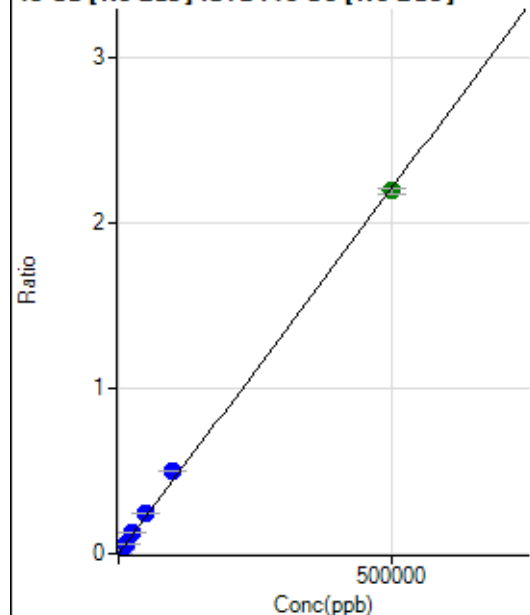
$$R = 0.9994$$

$$DL = 57.07$$

$$BEC = 272.4$$

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	175.56	0.0001	P	7.8
2	☐	500.000	509.648	2865.85	0.0024	P	4.3
3	☐	5000.000	5746.453	30627.60	0.0256	P	0.4
4	☐	12500.000	14178.340	75736.49	0.0629	P	1.0
5	☐	25000.000	28292.043	151804.39	0.1253	P	1.4
6	☐	50000.000	56366.412	307372.29	0.2494	P	0.6
7	☐	100000.00	112604.44	617419.27	0.4982	P	0.8
8	☐	500000.00	496628.43	2684386.28	2.1966	A	1.6

$$y = 4.4226\text{E-}006 * x + 1.4692\text{E-}004$$

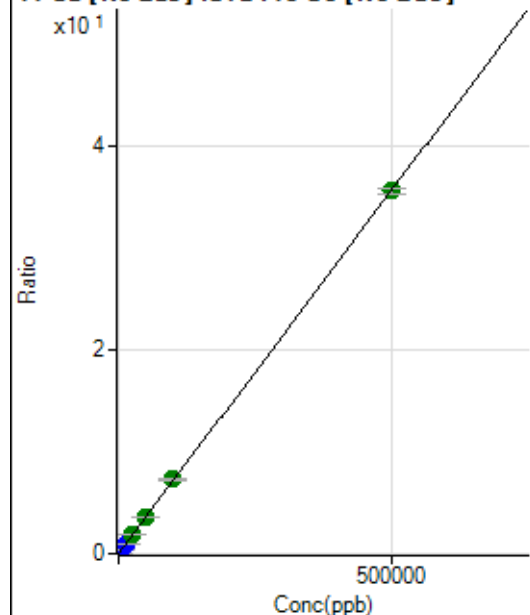
$$R = 0.9996$$

$$DL = 7.818$$

$$BEC = 33.22$$

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	5714.47	0.0048	P	0.3
2	☐	500.000	506.887	48763.63	0.0409	P	0.7
3	☐	5000.000	5528.003	477070.82	0.3982	P	0.2
4	☐	12500.000	13740.050	1183925.36	0.9825	P	0.7
5	☐	25000.000	25569.033	2210746.25	1.8243	A	0.4
6	☐	50000.000	50959.651	4474565.42	3.6311	A	0.9
7	☐	100000.00	102061.72	9007589.03	7.2675	A	1.0
8	☐	500000.00	499426.95	43437113.80	35.5441	A	1.5

$$y = 7.1160\text{E-}005 * x + 0.0048$$

$$R = 1.0000$$

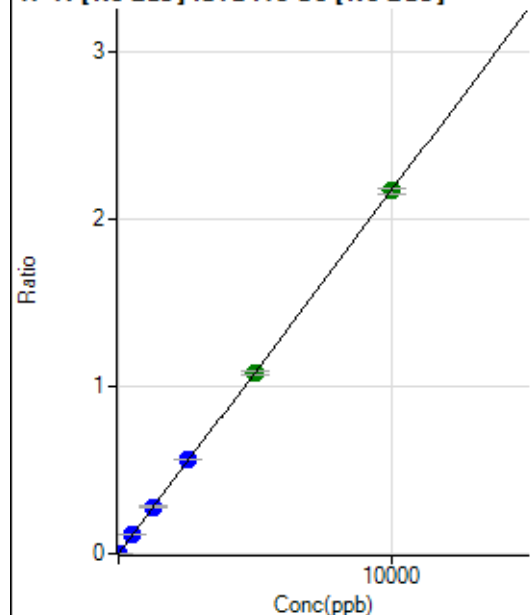
$$DL = 0.6562$$

$$BEC = 67.21$$

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	43.33	0.0000	P	20.4
2	☐	5.000	4.422	1187.84	0.0010	P	4.8
3	☐	500.000	518.952	134892.38	0.1126	P	0.6
4	☐	1250.000	1296.365	338806.10	0.2812	P	0.8
5	☐	2500.000	2585.237	679481.80	0.5607	P	0.5
6	☐	5000.000	4968.235	1327800.60	1.0775	A	1.5
7	☐	10000.000	9987.830	2684618.68	2.1660	A	1.4
8	☐			501.13	0.0004	P	7.9

$$y = 2.1686\text{E-}004 * x + 3.6269\text{E-}005$$

$$R = 0.9999$$

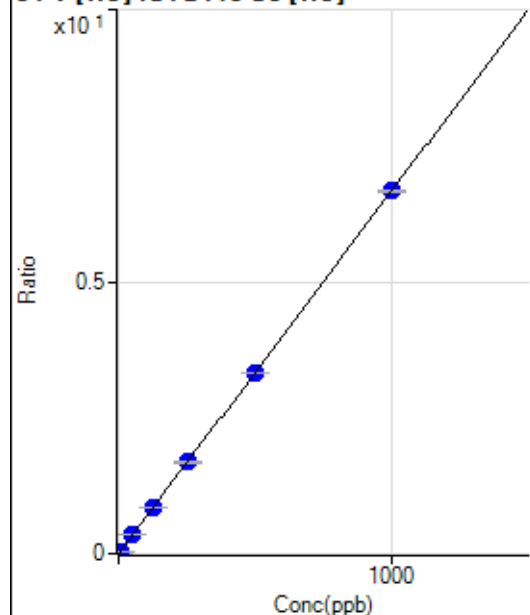
$$DL = 0.1024$$

$$BEC = 0.1672$$

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	5.55	0.0001	P	121.
2	☐	5.000	4.752	2898.08	0.0318	P	2.0
3	☐	50.000	50.606	30945.04	0.3375	P	0.8
4	☐	125.000	126.629	78152.93	0.8445	P	0.6
5	☐	250.000	252.225	157372.38	1.6820	P	0.7
6	☐	500.000	497.452	315997.44	3.3172	P	0.4
7	☐	1000.000	1000.485	642604.90	6.6716	P	0.6
8	☐			188.89	0.0025	P	24.3

$$y = 0.0067 * x + 6.2908\text{E-}005$$

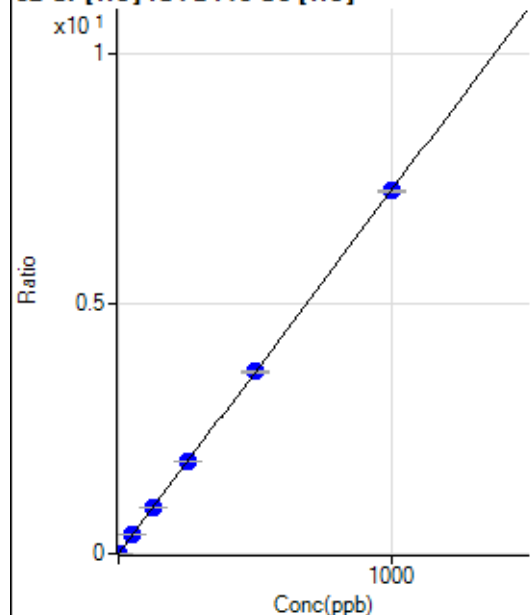
$$R = 1.0000$$

$$DL = 0.03428$$

$$BEC = 0.009434$$

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	135.56	0.0015	P	9.6
2	☐	2.000	1.910	1407.86	0.0154	P	0.3
3	☐	50.000	51.666	34556.17	0.3769	P	1.2
4	☐	125.000	126.493	85195.27	0.9206	P	0.6
5	☐	250.000	254.074	172854.29	1.8475	P	0.9
6	☐	500.000	500.820	346754.96	3.6401	P	0.5
7	☐	1000.000	998.302	698743.14	7.2544	P	0.9
8	☐			2241.31	0.0289	P	16.6

$$y = 0.0073 * x + 0.0015$$

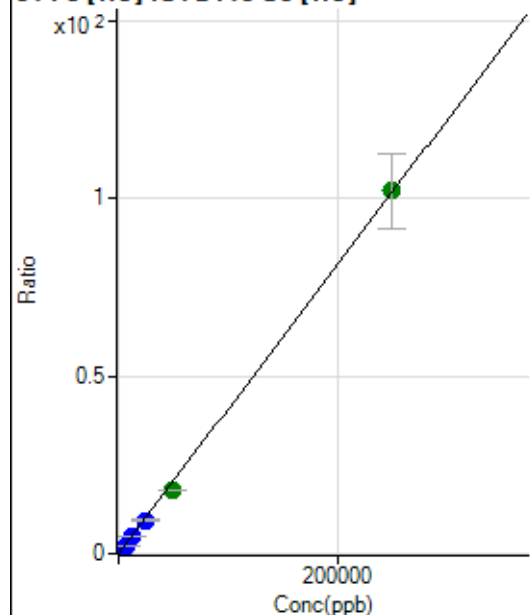
$$R = 1.0000$$

$$DL = 0.06148$$

$$BEC = 0.2132$$

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	805.59	0.0092	P	8.4
2	☐	50.000	43.597	2458.00	0.0269	P	2.0
3	☐	2500.000	2394.813	90101.54	0.9828	P	1.3
4	☐	6250.000	5924.744	223762.72	2.4178	P	0.5
5	☐	12500.000	11829.736	450803.45	4.8183	P	1.5
6	☐	25000.000	23233.455	900603.56	9.4542	P	0.6
7	☐	50000.000	44139.741	1729214.96	17.9532	A	1.3
8	☐	250000.00	251391.40	7895754.74	102.2066	A	20.6

$$y = 4.0653E-004 * x + 0.0092$$

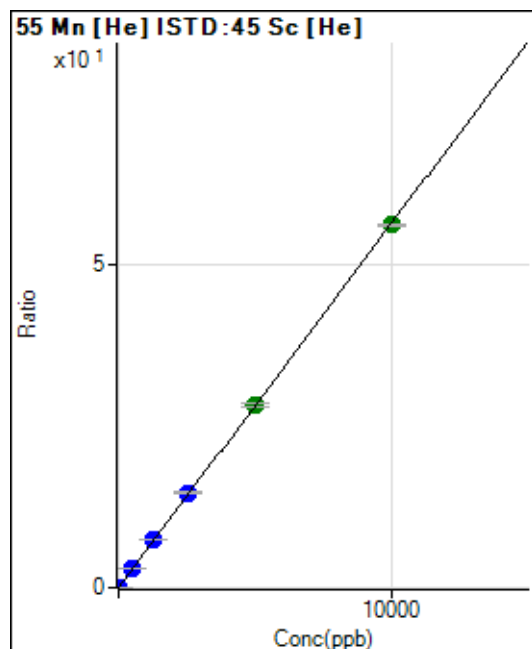
$$R = 0.9997$$

$$DL = 5.701$$

$$BEC = 22.65$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	448.90	0.0051	P	13.0
2	☐	1.000	1.131	1052.27	0.0115	P	7.3
3	☐	500.000	522.980	271223.77	2.9582	P	0.8
4	☐	1250.000	1299.849	679765.08	7.3450	P	0.6
5	☐	2500.000	2599.985	1374105.52	14.6865	P	1.0
6	☐	5000.000	5017.297	2699219.72	28.3363	A	1.8
7	☐	10000.000	9958.975	5417089.36	56.2404	A	0.6
8	☐			3269.28	0.0423	P	20.3

$$y = 0.0056 * x + 0.0051$$

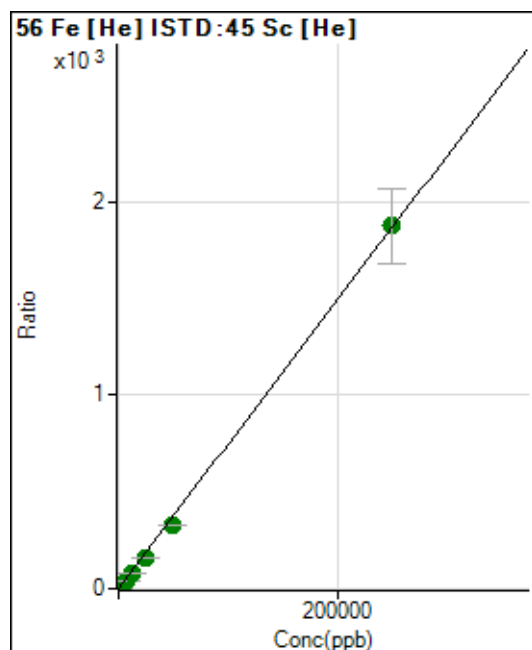
$$R = 0.9999$$

$$DL = 0.3554$$

$$BEC = 0.9097$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	9071.74	0.1038	P	8.7
2	☐	50.000	44.128	39437.20	0.4321	P	1.1
3	☐	2500.000	2248.625	1543394.80	16.8336	A	0.5
4	☐	6250.000	5522.022	3811873.87	41.1879	A	0.3
5	☐	12500.000	11028.243	7686673.57	82.1544	A	0.9
6	☐	25000.000	21697.440	15387510.33	161.5337	A	0.8
7	☐	50000.000	43542.531	31213817.59	324.0621	A	0.5
8	☐	250000.00	251716.05	144718121.1	1872.882	A	20.4

$$y = 0.0074 * x + 0.1038$$

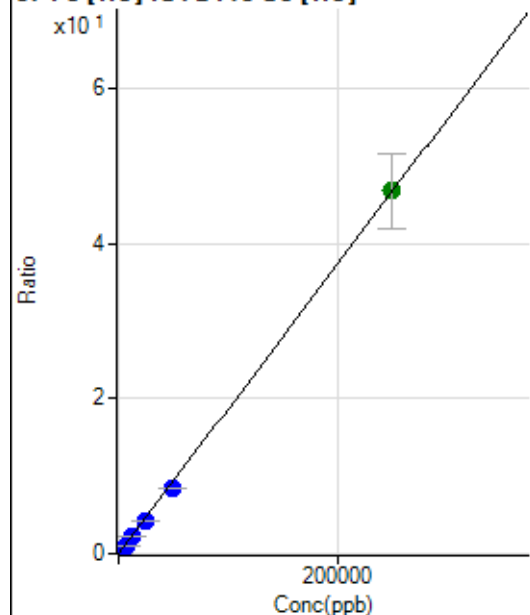
$$R = 0.9996$$

$$DL = 3.631$$

$$BEC = 13.95$$

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	717.80	0.0082	P	11.3
2	☐	50.000	42.518	1472.31	0.0161	P	9.5
3	☐	2500.000	2355.459	40991.19	0.4471	P	0.6
4	☐	6250.000	5866.529	101923.39	1.1013	P	0.5
5	☐	12500.000	11652.304	203902.95	2.1793	P	1.0
6	☐	25000.000	22900.501	407243.15	4.2751	P	0.7
7	☐	50000.000	45571.831	818667.79	8.4993	P	0.4
8	☐	250000.00	251149.00	3613906.82	46.8033	A	21.0

$$y = 1.8632E-004 * x + 0.0082$$

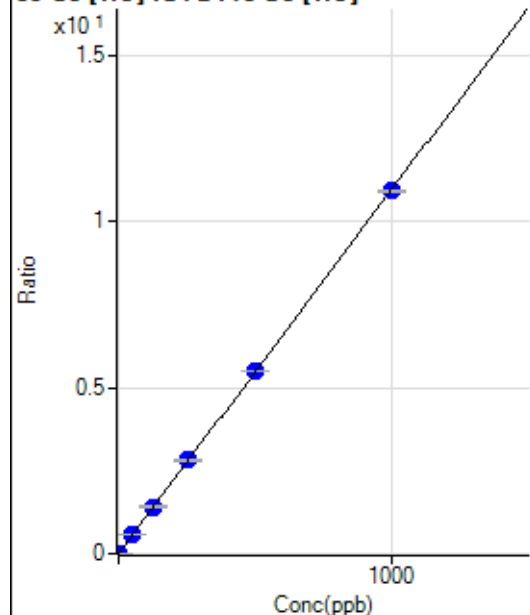
$$R = 0.9998$$

$$DL = 14.96$$

$$BEC = 44.06$$

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	83.33	0.0009	P	9.6
2	☐	1.000	1.062	1148.94	0.0126	P	4.6
3	☐	50.000	52.242	52582.78	0.5735	P	0.7
4	☐	125.000	129.274	131212.63	1.4178	P	0.9
5	☐	250.000	256.779	263405.89	2.8152	P	0.8
6	☐	500.000	501.550	523728.00	5.4979	P	0.6
7	☐	1000.000	996.884	1052477.93	10.9268	P	0.4
8	☐			2871.41	0.0373	P	23.4

$$y = 0.0110 * x + 9.4751E-004$$

$$R = 1.0000$$

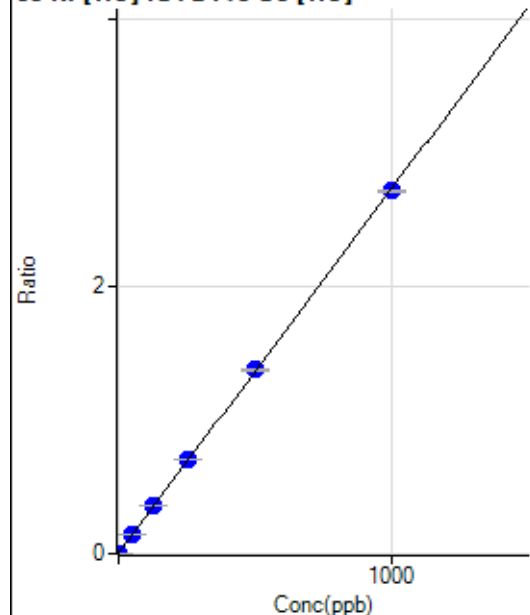
$$DL = 0.02479$$

$$BEC = 0.08645$$

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	215.56	0.0025	P	16.5
2	☐	1.000	1.058	487.79	0.0053	P	7.3
3	☐	50.000	52.643	13367.17	0.1458	P	1.5
4	☐	125.000	131.224	33291.39	0.3597	P	1.2
5	☐	250.000	259.273	66276.63	0.7083	P	0.6
6	☐	500.000	504.134	130978.94	1.3750	P	1.2
7	☐	1000.000	994.705	261083.45	2.7106	P	0.7
8	☐			1243.40	0.0161	P	23.3

$$y = 0.0027 * x + 0.0025$$

$$R = 0.9999$$

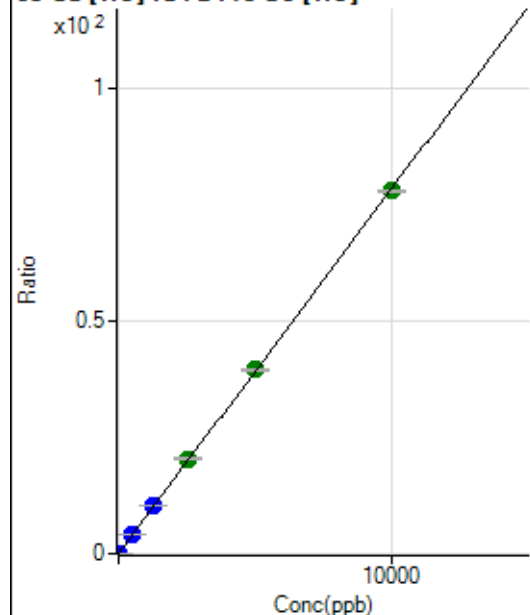
$$DL = 0.4482$$

$$BEC = 0.9044$$

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	798.92	0.0091	P	4.0
2	☐	2.000	1.815	2127.95	0.0233	P	3.9
3	☐	500.000	527.373	379184.91	4.1358	P	0.7
4	☐	1250.000	1308.933	948753.53	10.2514	P	0.4
5	☐	2500.000	2604.883	1907923.76	20.3922	A	1.2
6	☐	5000.000	5036.350	3754947.44	39.4183	A	1.2
7	☐	10000.000	9946.869	7497808.50	77.8428	A	0.7
8	☐			2523.57	0.0327	P	21.8

$$y = 0.0078 * x + 0.0091$$

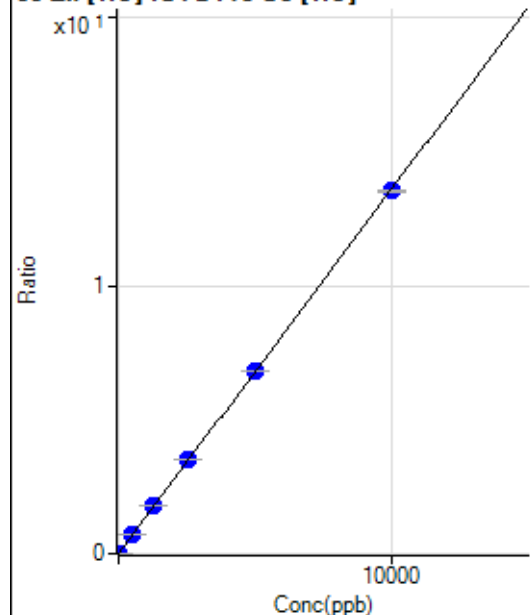
$$R = 0.9999$$

$$DL = 0.1396$$

$$BEC = 1.165$$

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	226.67	0.0026	P	7.8
2	☐	2.000	6.077	990.04	0.0108	P	8.8
3	☐	500.000	528.861	66130.90	0.7213	P	0.8
4	☐	1250.000	1306.493	164557.14	1.7781	P	1.1
5	☐	2500.000	2591.806	329784.49	3.5248	P	1.3
6	☐	5000.000	5022.448	650423.84	6.8279	P	0.5
7	☐	10000.000	9957.319	1303634.49	13.5343	P	0.4
8	☐			1096.72	0.0142	P	20.4

$$y = 0.0014 * x + 0.0026$$

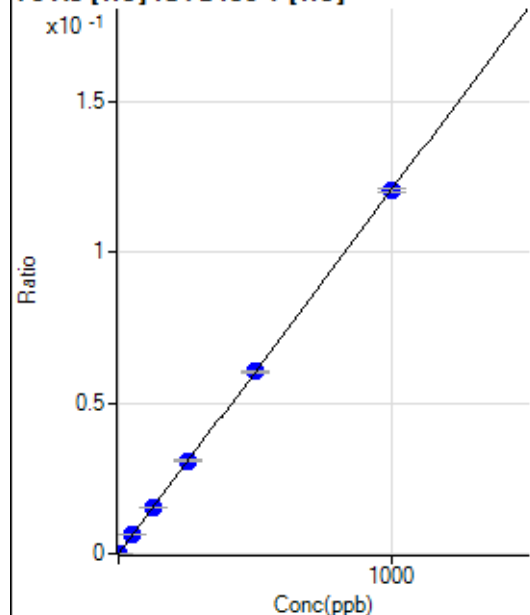
$$R = 0.9999$$

$$DL = 0.4459$$

$$BEC = 1.904$$

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	5.56	0.0000	P	37.5
2	☐	1.000	0.920	92.22	0.0001	P	1.4
3	☐	50.000	51.081	4830.84	0.0062	P	1.9
4	☐	125.000	128.177	12344.11	0.0155	P	0.5
5	☐	250.000	254.600	24894.26	0.0307	P	2.1
6	☐	500.000	501.749	49412.98	0.0605	P	1.2
7	☐	1000.000	997.524	99380.56	0.1202	P	1.0
8	☐			71.11	0.0001	P	44.1

$$y = 1.2052E-004 * x + 7.3353E-006$$

$$R = 1.0000$$

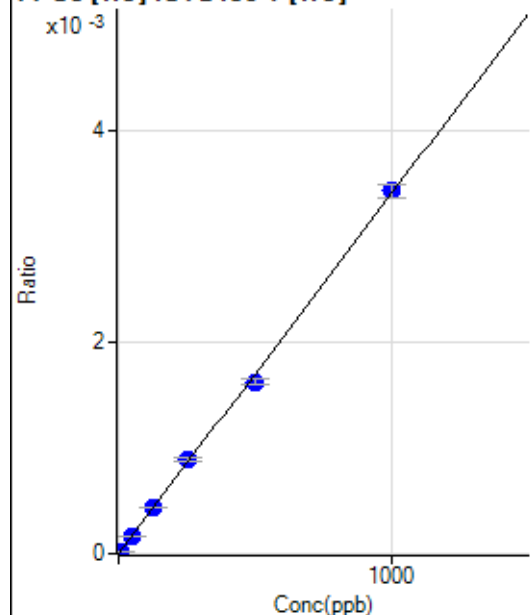
$$DL = 0.06842$$

$$BEC = 0.06087$$

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	0.00	0.0000	P	
2	☐	5.000	5.459	14.45	0.0000	P	75.0
3	☐	50.000	47.486	126.67	0.0002	P	2.5
4	☐	125.000	127.528	346.67	0.0004	P	3.0
5	☐	250.000	261.237	721.14	0.0009	P	2.9
6	☐	500.000	477.962	1328.96	0.0016	P	3.2
7	☐	1000.000	1008.017	2835.85	0.0034	P	3.6
8	☐			0.00	0.0000	P	

$$y = 3.4031\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

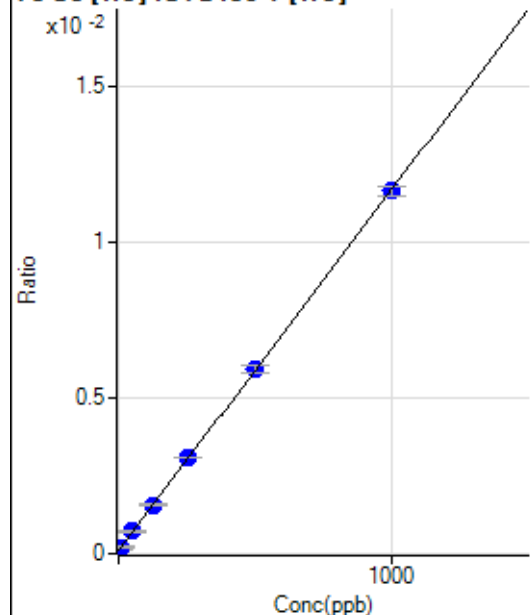
$$DL = 0$$

$$BEC = 0$$

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	83.33	0.0001	P	28.3
2	☐	5.000	7.822	156.67	0.0002	P	23.8
3	☐	50.000	52.240	561.13	0.0007	P	7.0
4	☐	125.000	125.751	1252.29	0.0016	P	4.2
5	☐	250.000	257.167	2506.91	0.0031	P	0.6
6	☐	500.000	501.468	4838.62	0.0059	P	4.1
7	☐	1000.000	997.254	9645.44	0.0117	P	2.5
8	☐			102.22	0.0002	P	21.9

$$y = 1.1589\text{E-}005 * x + 1.1030\text{E-}004$$

$$R = 1.0000$$

$$DL = 8.078$$

$$BEC = 9.517$$

Weight: <None>

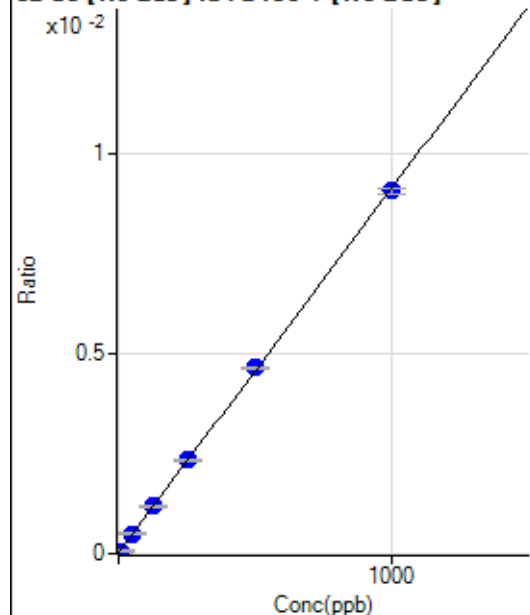
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4151.74		P	3.9
2	☐			4346.23		P	2.0
3	☐			3940.56		P	2.0
4	☐			3941.67		P	2.3
5	☐			3896.10		P	1.7
6	☐			3963.90		P	1.7
7	☐			4294.01		P	2.1
8	☐			4350.68		P	3.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	0.0
2	☐			16.67		P	72.1
3	☐			13.33		P	66.2
4	☐			16.67		P	60.0
5	☐			20.00		P	28.9
6	☐			15.56		P	49.5
7	☐			14.44		P	13.4
8	☐			26.67		P	45.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.49	0.0000	P	31.9
2	☐	5.000	5.176	227.29	0.0001	P	8.2
3	☐	50.000	52.433	1615.82	0.0005	P	2.6
4	☐	125.000	127.654	3948.21	0.0012	P	1.5
5	☐	250.000	255.239	7871.28	0.0023	P	1.5
6	☐	500.000	509.282	15688.05	0.0047	P	0.9
7	☐	1000.000	993.595	30961.53	0.0091	P	1.9
8	☐			132.92	0.0000	P	5.6

$$y = 9.1067\text{E-}006 * x + 2.2634\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.381$$

$$BEC = 2.485$$

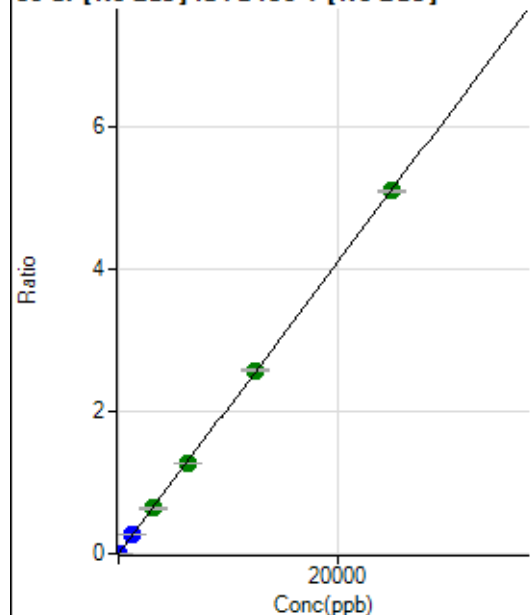
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			66.67		P	15.0
2	☐			56.67		P	15.6
3	☐			48.89		P	14.2
4	☐			62.22		P	20.3
5	☐			66.67		P	21.8
6	☐			68.89		P	19.5
7	☐			84.44		P	14.9
8	☐			77.78		P	10.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.22	0.0000	P	11.7
2	☐	1.000	0.942	746.69	0.0002	P	4.5
3	☐	1250.000	1266.475	834658.18	0.2584	P	1.1
4	☐	3125.000	3115.885	2117431.62	0.6356	A	0.7
5	☐	6250.000	6241.101	4269164.76	1.2730	A	0.4
6	☐	12500.000	12592.037	8645158.27	2.5684	A	0.9
7	☐	25000.000	24956.522	17374180.44	5.0903	A	0.7
8	☐			3686.06	0.0011	P	10.6

$$y = 2.0396E-004 * x + 3.7211E-005$$

$$R = 1.0000$$

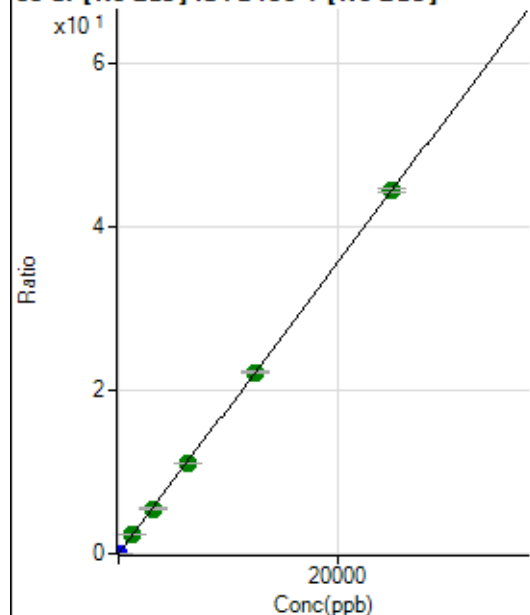
$$DL = 0.06414$$

$$BEC = 0.1824$$

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	135.56	0.0000	P	24.8
2	☐	1.000	0.988	5857.88	0.0018	P	0.7
3	☐	1250.000	1263.801	7259722.25	2.2471	A	0.3
4	☐	3125.000	3107.592	18408219.45	5.5253	A	0.6
5	☐	6250.000	6274.460	37413534.72	11.1560	A	0.5
6	☐	12500.000	12482.764	74709812.78	22.1944	A	0.9
7	☐	25000.000	25003.989	151738614.4	44.4572	A	1.1
8	☐			30745.55	0.0094	P	5.1

$$y = 0.0018 * x + 4.1292E-005$$

$$R = 1.0000$$

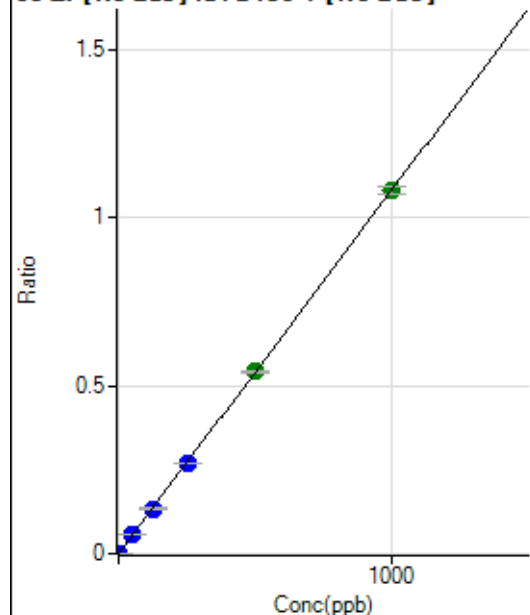
$$DL = 0.0173$$

$$BEC = 0.02322$$

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	133.33	0.0000	P	3.8
2	☐	1.000	0.938	3431.54	0.0011	P	3.7
3	☐	50.000	50.583	176572.77	0.0547	P	1.0
4	☐	125.000	124.323	447321.62	0.1343	P	1.2
5	☐	250.000	250.187	906030.14	0.2702	P	0.7
6	☐	500.000	501.983	1824509.61	0.5420	A	0.8
7	☐	1000.000	999.017	3681908.94	1.0787	A	2.1
8	☐			2430.23	0.0007	P	3.3

$$y = 0.0011 * x + 4.0566E-005$$

$$R = 1.0000$$

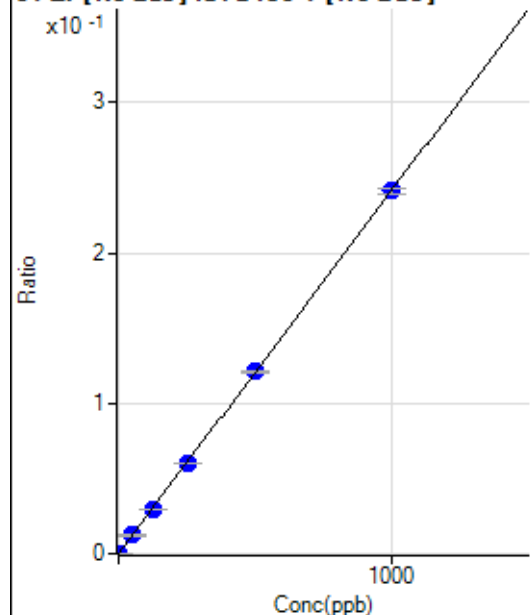
$$DL = 0.004271$$

$$BEC = 0.03757$$

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	23.33	0.0000	P	14.0
2	☐	1.000	0.996	805.59	0.0002	P	0.3
3	☐	50.000	50.320	39242.31	0.0121	P	1.1
4	☐	125.000	123.625	99381.08	0.0298	P	1.1
5	☐	250.000	249.870	202181.19	0.0603	P	1.2
6	☐	500.000	501.336	407129.93	0.1210	P	1.2
7	☐	1000.000	999.520	823038.54	0.2411	P	1.3
8	☐			563.35	0.0002	P	5.2

$$y = 2.4124E-004 * x + 7.0984E-006$$

$$R = 1.0000$$

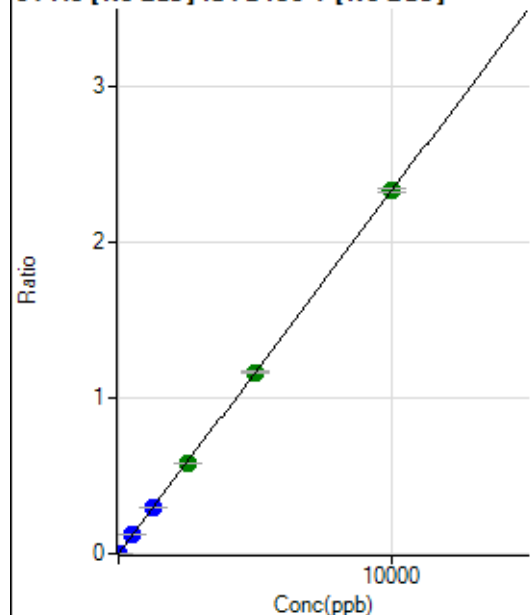
$$DL = 0.01235$$

$$BEC = 0.02942$$

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	65.56	0.0000	P	22.6
2	☐	5.000	5.201	4013.93	0.0012	P	5.1
3	☐	500.000	513.293	386650.32	0.1197	P	0.4
4	☐	1250.000	1259.292	978112.01	0.2936	P	0.7
5	☐	2500.000	2484.015	1942120.65	0.5791	A	1.1
6	☐	5000.000	5003.916	3926585.78	1.1665	A	0.5
7	☐	10000.000	10000.212	7956872.52	2.3313	A	1.1
8	☐			2470.23	0.0008	P	1.5

$$y = 2.3312E-004 * x + 1.9935E-005$$

$$R = 1.0000$$

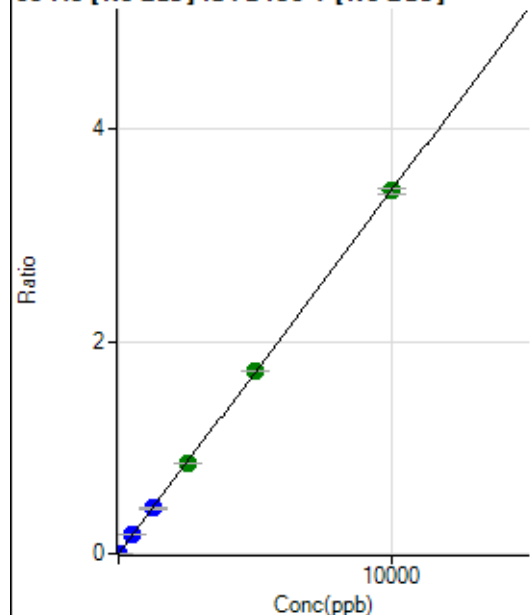
$$DL = 0.05794$$

$$BEC = 0.08551$$

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	24.45	0.0000	P	28.7
2	☐	5.000	4.356	4883.08	0.0015	P	2.5
3	☐	500.000	512.216	566758.34	0.1754	P	0.4
4	☐	1250.000	1251.217	1427557.45	0.4285	P	1.5
5	☐	2500.000	2479.739	2848090.23	0.8492	A	0.7
6	☐	5000.000	5024.244	5791881.72	1.7207	A	0.6
7	☐	10000.000	9992.181	11679628.71	3.4221	A	1.8
8	☐			2452.45	0.0007	P	6.2

$$y = 3.4247E-004 * x + 7.4451E-006$$

$$R = 1.0000$$

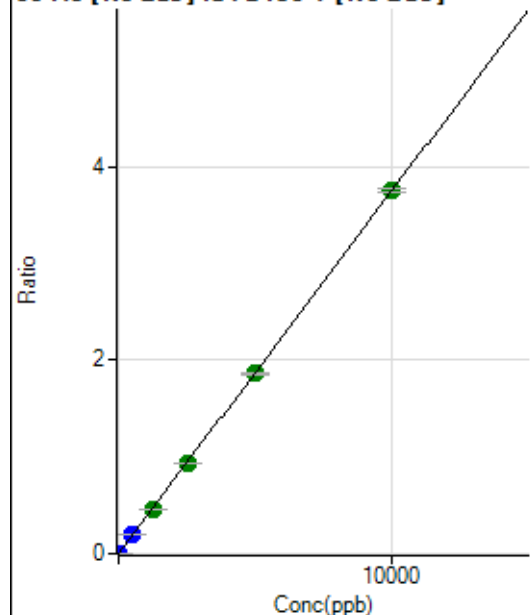
$$DL = 0.01871$$

$$BEC = 0.02174$$

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	53.33	0.0000	P	16.6
2	☐	5.000	4.504	5543.32	0.0017	P	2.2
3	☐	500.000	509.823	616535.28	0.1908	P	0.9
4	☐	1250.000	1228.317	1531729.94	0.4598	A	0.3
5	☐	2500.000	2493.913	3130452.24	0.9334	A	0.5
6	☐	5000.000	4984.607	6280046.22	1.8657	A	1.0
7	☐	10000.000	10011.438	12789915.23	3.7471	A	1.0
8	☐			4574.08	0.0014	P	0.3

$$y = 3.7428\text{E-}004 * x + 1.6230\text{E-}005$$

$$R = 1.0000$$

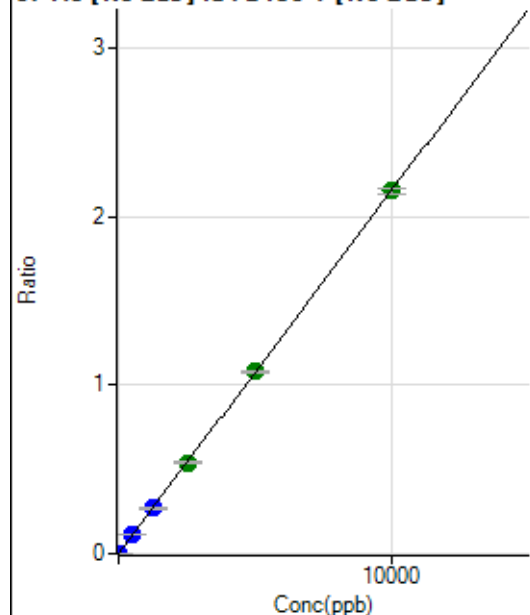
$$DL = 0.02154$$

$$BEC = 0.04336$$

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	13.33	0.0000	P	25.5
2	☐	5.000	4.414	3107.03	0.0010	P	1.7
3	☐	500.000	509.851	354471.79	0.1097	P	1.1
4	☐	1250.000	1250.100	896222.90	0.2690	P	1.6
5	☐	2500.000	2494.104	1799970.03	0.5367	A	1.9
6	☐	5000.000	5014.794	3632446.02	1.0791	A	0.9
7	☐	10000.000	9993.572	7339719.89	2.1505	A	1.7
8	☐			1413.42	0.0004	P	8.6

$$y = 2.1519\text{E-}004 * x + 4.0600\text{E-}006$$

$$R = 1.0000$$

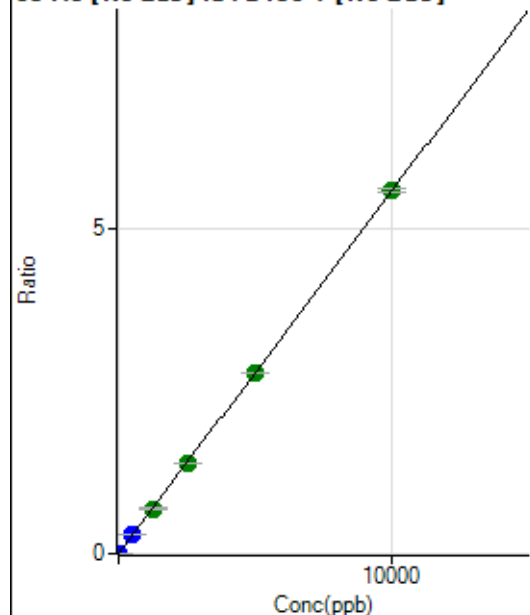
$$DL = 0.01443$$

$$BEC = 0.01887$$

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	36.67	0.0000	P	54.4
2	☐	5.000	4.417	8066.74	0.0025	P	2.2
3	☐	500.000	512.474	924397.67	0.2861	P	1.0
4	☐	1250.000	1235.766	2298514.01	0.6899	A	2.0
5	☐	2500.000	2481.195	4645694.55	1.3853	A	0.7
6	☐	5000.000	4979.914	9358757.43	2.7803	A	0.3
7	☐	10000.000	10015.900	19085817.22	5.5919	A	0.9
8	☐			3637.16	0.0011	P	9.6

$$y = 5.5830E-004 * x + 1.1142E-005$$

$$R = 1.0000$$

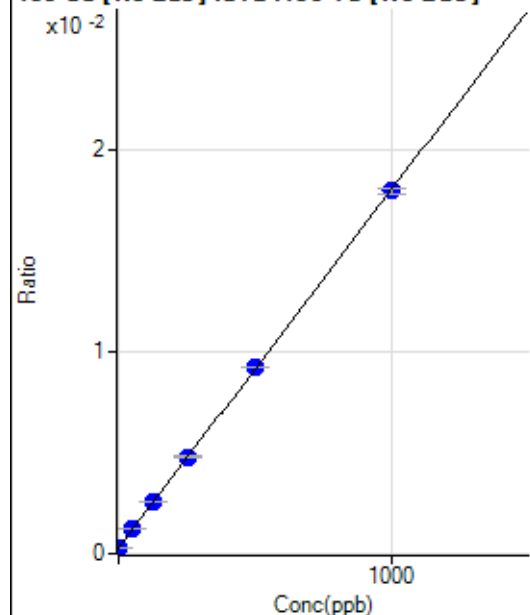
$$DL = 0.03256$$

$$BEC = 0.01996$$

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	875.59	0.0003	P	6.9
2	☐	1.000	1.682	964.49	0.0003	P	8.6
3	☐	50.000	53.592	3717.18	0.0012	P	3.3
4	☐	125.000	130.335	7985.58	0.0026	P	0.4
5	☐	250.000	253.684	14987.79	0.0048	P	1.2
6	☐	500.000	503.663	29387.55	0.0092	P	0.7
7	☐	1000.000	996.401	58088.86	0.0180	P	1.7
8	☐			878.92	0.0003	P	4.5

$$y = 1.7762E-005 * x + 2.8826E-004$$

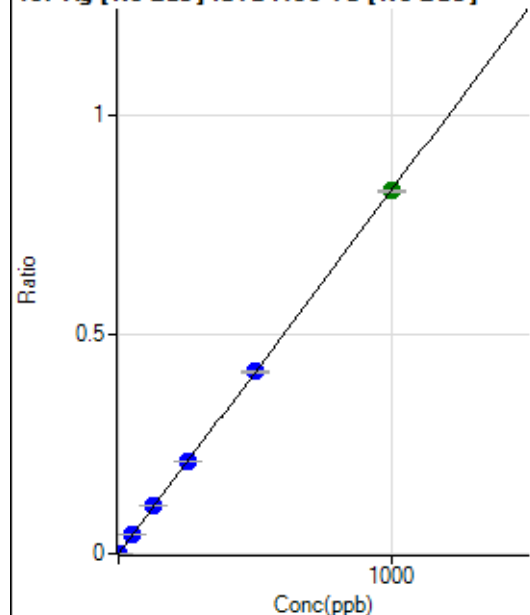
$$R = 1.0000$$

$$DL = 3.345$$

$$BEC = 16.23$$

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	10.00	0.0000	P	88.1
2	☐	1.000	0.938	2362.44	0.0008	P	4.4
3	☐	50.000	53.036	131561.82	0.0439	P	1.3
4	☐	125.000	129.968	329926.00	0.1076	P	0.4
5	☐	250.000	254.210	657710.09	0.2104	P	0.2
6	☐	500.000	500.011	1316718.05	0.4138	P	1.1
7	☐	1000.000	998.170	2667841.70	0.8260	A	0.3
8	☐			401.12	0.0001	P	16.9

$$y = 8.2752\text{E-}004 * x + 3.2948\text{E-}006$$

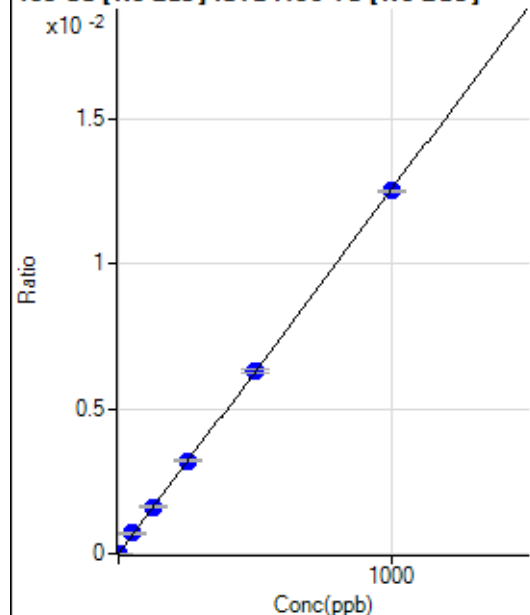
$$R = 1.0000$$

$$DL = 0.01052$$

$$BEC = 0.003982$$

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	3.33	0.0000	P	100.
2	☐	1.000	1.021	42.22	0.0000	P	24.2
3	☐	50.000	56.267	2122.40	0.0007	P	9.7
4	☐	125.000	128.877	4968.67	0.0016	P	5.5
5	☐	250.000	255.988	10055.78	0.0032	P	1.9
6	☐	500.000	502.732	20098.49	0.0063	P	1.9
7	☐	1000.000	996.339	40425.09	0.0125	P	0.6
8	☐			27.78	0.0000	P	17.5

$$y = 1.2561\text{E-}005 * x + 1.0998\text{E-}006$$

$$R = 1.0000$$

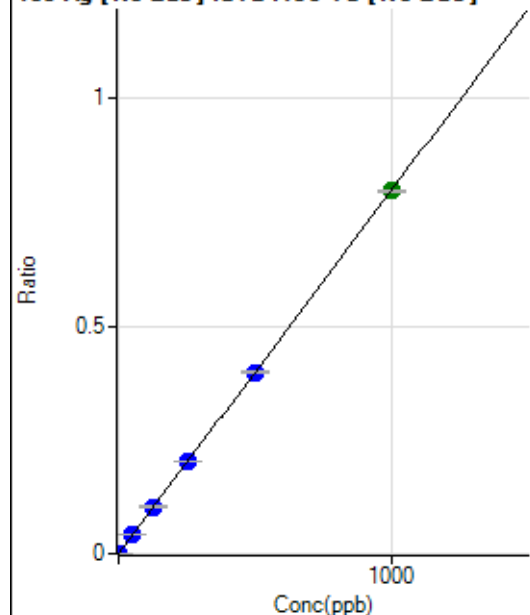
$$DL = 0.2634$$

$$BEC = 0.08756$$

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	6.67	0.0000	P	86.6
2	☐	1.000	0.923	2240.20	0.0007	P	4.1
3	☐	50.000	52.468	125553.15	0.0419	P	1.6
4	☐	125.000	129.623	317436.09	0.1035	P	0.6
5	☐	250.000	254.302	634712.15	0.2030	P	0.3
6	☐	500.000	499.603	1269192.79	0.3988	P	1.0
7	☐	1000.000	998.422	2574362.50	0.7971	A	0.4
8	☐			440.01	0.0001	P	9.2

$$y = 7.9832\text{E-}004 * x + 2.1973\text{E-}006$$

$$R = 1.0000$$

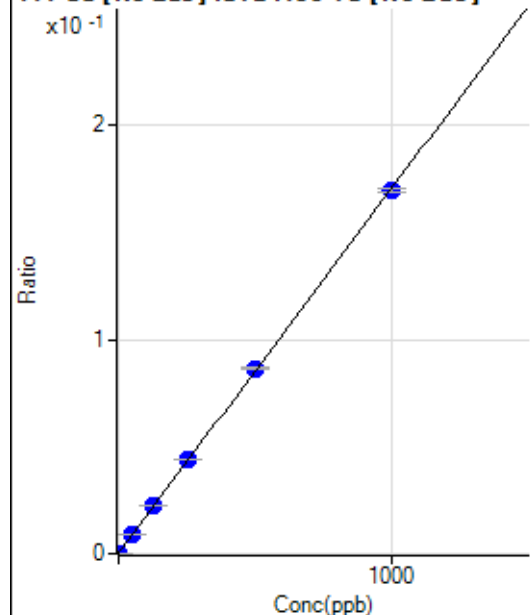
$$DL = 0.007151$$

$$BEC = 0.002752$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	613.92	0.0002	P	6.2
2	☐	1.000	1.065	1162.27	0.0004	P	8.2
3	☐	50.000	53.495	27887.79	0.0093	P	1.3
4	☐	125.000	131.750	69384.89	0.0226	P	0.7
5	☐	250.000	256.191	136917.26	0.0438	P	0.6
6	☐	500.000	507.513	275440.10	0.0866	P	0.9
7	☐	1000.000	993.677	546729.45	0.1693	P	1.2
8	☐			734.70	0.0002	P	4.8

$$y = 1.7014\text{E-}004 * x + 2.0211\text{E-}004$$

$$R = 0.9999$$

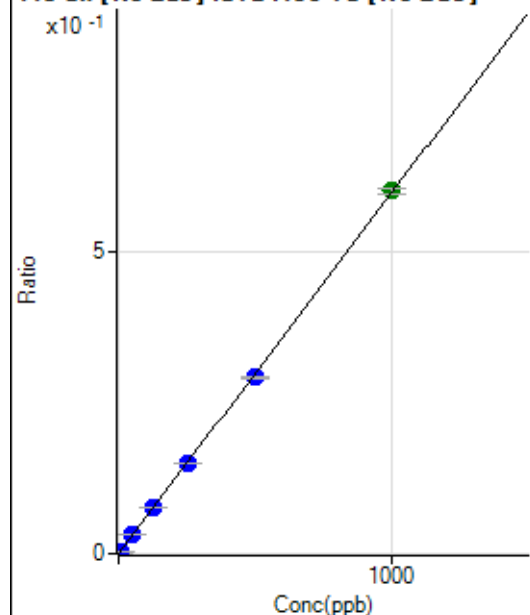
$$DL = 0.2205$$

$$BEC = 1.188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	418.90	0.0001	P	8.5
2	☐	5.000	4.818	9129.62	0.0030	P	1.2
3	☐	50.000	50.762	91188.17	0.0304	P	1.0
4	☐	125.000	126.059	231127.02	0.0753	P	1.1
5	☐	250.000	248.662	464246.96	0.1485	P	0.7
6	☐	500.000	489.169	929148.02	0.2920	P	0.9
7	☐	1000.000	1005.580	1937917.92	0.6001	A	1.6
8	☐			1587.88	0.0005	P	2.8

$$y = 5.9660\text{E-}004 * x + 1.3790\text{E-}004$$

$$R = 0.9999$$

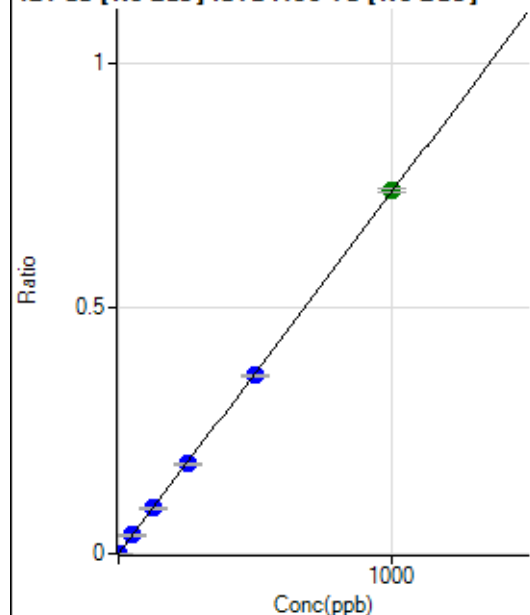
$$DL = 0.05862$$

$$BEC = 0.2311$$

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	45.56	0.0000	P	18.1
2	☐	2.000	1.972	4442.95	0.0015	P	1.9
3	☐	50.000	50.540	111514.41	0.0372	P	0.6
4	☐	125.000	125.141	282513.88	0.0921	P	0.7
5	☐	250.000	247.549	569551.53	0.1822	P	0.8
6	☐	500.000	493.330	1155212.31	0.3630	P	1.2
7	☐	1000.000	1003.903	2385985.94	0.7387	A	1.2
8	☐			1925.70	0.0006	P	2.9

$$y = 7.3583\text{E-}004 * x + 1.4992\text{E-}005$$

$$R = 1.0000$$

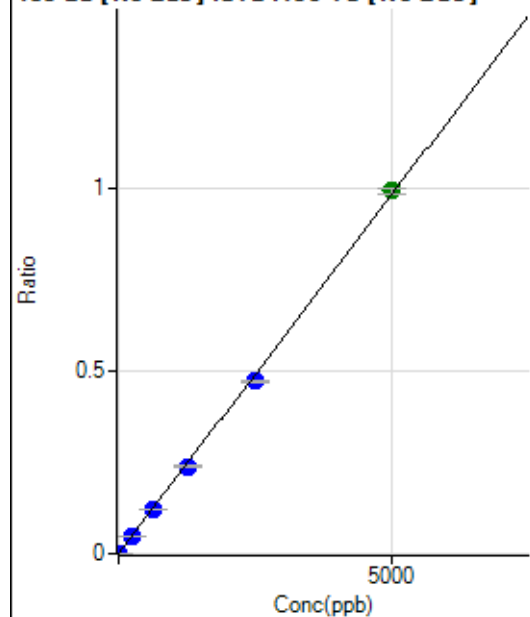
$$DL = 0.01107$$

$$BEC = 0.02037$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.78	0.0000	P	1.1
2	☐	10.000	9.238	5653.40	0.0019	P	2.2
3	☐	250.000	246.808	145600.56	0.0486	P	0.8
4	☐	625.000	612.328	369470.27	0.1204	P	0.4
5	☐	1250.000	1214.466	746728.80	0.2388	P	0.8
6	☐	2500.000	2406.080	1505673.02	0.4731	P	1.0
7	☐	5000.000	5057.589	3211766.17	0.9945	A	1.4
8	☐			1656.78	0.0005	P	5.2

$$y = 1.9662\text{E-}004 * x + 4.8651\text{E-}005$$

$$R = 0.9997$$

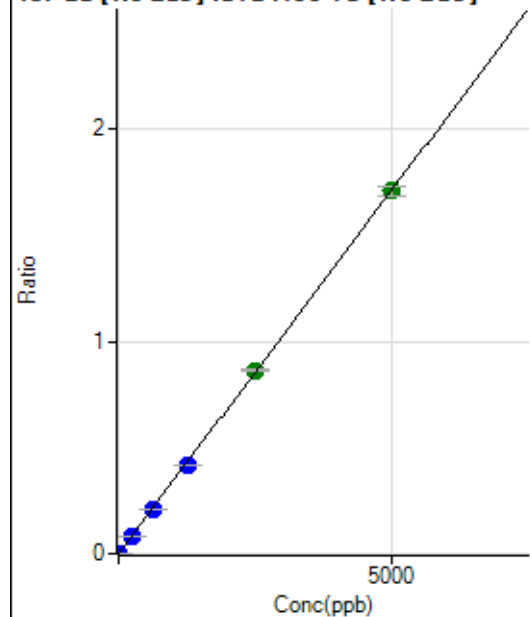
$$DL = 0.008485$$

$$BEC = 0.2474$$

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	260.01	0.0001	P	10.6
2	☐	10.000	9.116	9703.39	0.0032	P	0.4
3	☐	250.000	248.041	254357.87	0.0849	P	1.1
4	☐	625.000	615.057	645093.93	0.2103	P	0.9
5	☐	1250.000	1222.459	1306478.83	0.4179	P	0.7
6	☐	2500.000	2525.084	2746510.27	0.8631	A	1.1
7	☐	5000.000	4995.686	5514774.50	1.7075	A	2.4
8	☐			2856.98	0.0009	P	4.3

$$y = 3.4177\text{E-}004 * x + 8.5618\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.07952$$

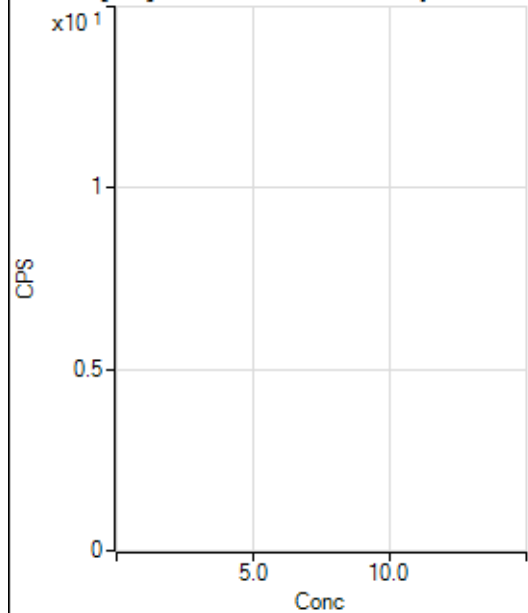
$$BEC = 0.2505$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			24.44		P	7.9
3	☐			38.89		P	30.1
4	☐			41.11		P	30.7
5	☐			77.78		P	19.3
6	☐			135.56		P	19.9
7	☐			278.89		P	11.6
8	☐			93.33		P	21.7

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			2.22		P	173.
3	☐			4.44		P	43.4
4	☐			8.89		P	78.1
5	☐			14.44		P	35.3
6	☐			27.78		P	50.0
7	☐			51.11		P	18.8
8	☐			33.33		P	10.0

156 Dy [No Gas] No available calibration points

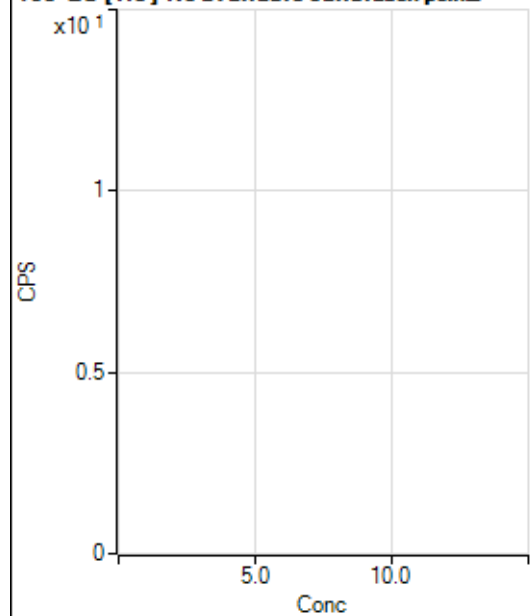
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1579.00		P	5.7
2	☐			1621.22		P	0.5
3	☐			1637.89		P	3.0
4	☐			1632.33		P	2.2
5	☐			1650.11		P	8.6
6	☐			1737.90		P	3.9
7	☐			1984.61		P	3.4
8	☐			1617.88		P	2.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			282.23		P	3.0
2	☐			233.34		P	7.6
3	☐			318.90		P	12.1
4	☐			315.56		P	8.5
5	☐			321.12		P	11.0
6	☐			406.68		P	10.2
7	☐			473.35		P	11.3
8	☐			296.67		P	13.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐			10.00		P	33.3
3	☐			11.11		P	17.3
4	☐			12.22		P	41.7
5	☐			13.33		P	43.3
6	☐			15.56		P	49.5
7	☐			32.22		P	26.0
8	☐			83.33		P	24.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	40.7
2	☐			94.45		P	17.8
3	☐			87.78		P	31.8
4	☐			106.67		P	6.3
5	☐			97.78		P	25.6
6	☐			98.89		P	27.2
7	☐			124.45		P	12.4
8	☐			136.67		P	41.6

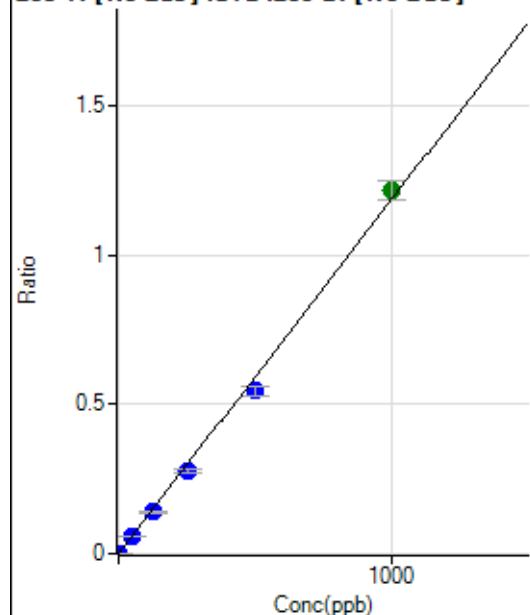
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	56.8
2	☐			17.78		P	75.8
3	☐			24.44		P	41.7
4	☐			32.22		P	21.5
5	☐			25.56		P	39.8
6	☐			36.67		P	27.3
7	☐			47.78		P	31.5
8	☐			91.11		P	14.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			14.44		P	13.4
3	☐			12.22		P	41.7
4	☐			13.33		P	66.2
5	☐			15.56		P	61.9
6	☐			22.22		P	43.3
7	☐			31.11		P	27.0
8	☐			74.44		P	20.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.22	0.0000	P	33.1
2	☐	1.000	0.926	1761.25	0.0011	P	6.8
3	☐	50.000	48.712	89601.51	0.0578	P	0.8
4	☐	125.000	118.855	230913.20	0.1409	P	5.3
5	☐	250.000	234.936	467886.96	0.2785	P	4.6
6	☐	500.000	459.387	947793.80	0.5446	P	5.2
7	☐	1000.000	1024.905	2129967.19	1.2150	A	5.4
8	☐			347.79	0.0002	P	24.8

$$y = 0.0012 * x + 2.6993E-005$$

$$R = 0.9987$$

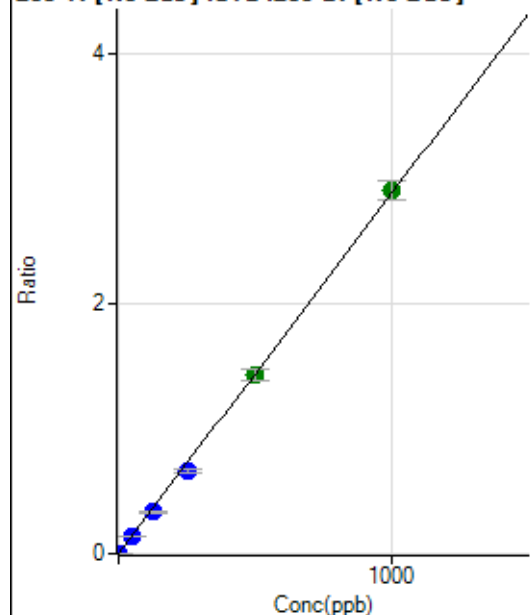
$$DL = 0.02262$$

$$BEC = 0.02277$$

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	94.44	0.0001	P	13.8
2	☐	1.000	0.889	4097.33	0.0026	P	4.2
3	☐	50.000	47.859	213514.58	0.1377	P	0.1
4	☐	125.000	115.630	544863.45	0.3325	P	5.3
5	☐	250.000	229.163	1107144.81	0.6590	P	4.2
6	☐	500.000	497.321	2487436.56	1.4300	A	6.3
7	☐	1000.000	1007.827	5079945.89	2.8979	A	5.4
8	☐			820.04	0.0006	P	19.0

$$y = 0.0029 * x + 6.0374E-005$$

$$R = 0.9997$$

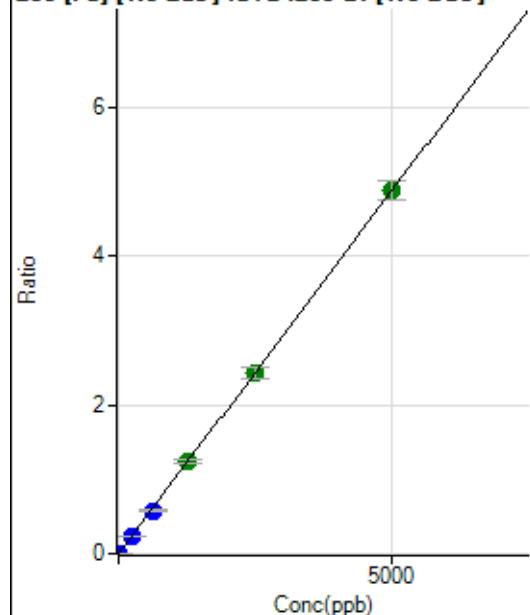
$$DL = 0.008688$$

$$BEC = 0.021$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87.78	0.0001	P	2.2
2	☐	1.000	0.899	1458.98	0.0009	P	7.1
3	☐	250.000	242.437	366428.10	0.2363	P	1.3
4	☐	625.000	585.516	934938.03	0.5705	P	5.1
5	☐	1250.000	1271.097	2080548.60	1.2385	A	4.7
6	☐	2500.000	2491.480	4222481.53	2.4276	A	6.4
7	☐	5000.000	5004.300	8547465.36	4.8759	A	5.4
8	☐			1691.24	0.0012	P	12.1

$$y = 9.7433\text{E-}004 * x + 5.6090\text{E-}005$$

$$R = 1.0000$$

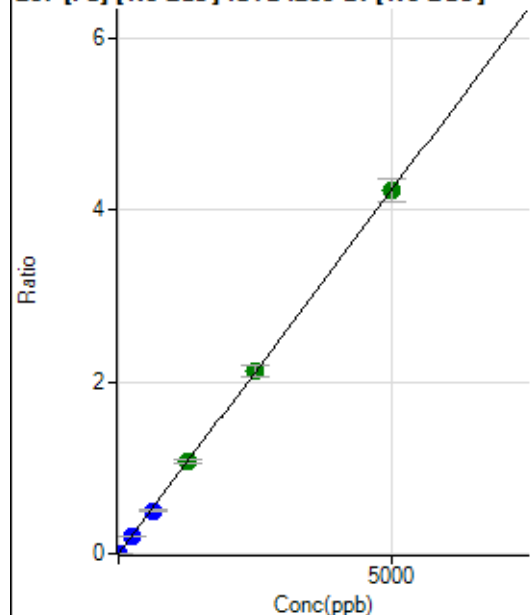
$$DL = 0.003839$$

$$BEC = 0.05757$$

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	78.89	0.0001	P	17.1
2	☐	1.000	0.971	1364.53	0.0009	P	0.3
3	☐	250.000	242.618	318194.76	0.2052	P	0.8
4	☐	625.000	587.525	813873.25	0.4967	P	5.5
5	☐	1250.000	1274.042	1809676.90	1.0771	A	4.3
6	☐	2500.000	2515.300	3699631.64	2.1265	A	5.9
7	☐	5000.000	4991.393	7394233.22	4.2197	A	6.3
8	☐			1585.67	0.0011	P	8.0

$$y = 8.4539\text{E-}004 * x + 5.0413\text{E-}005$$

$$R = 0.9999$$

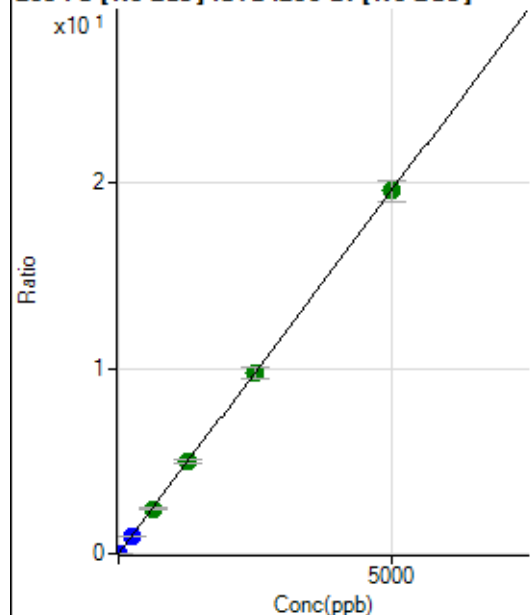
$$DL = 0.03068$$

$$BEC = 0.05963$$

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	344.45	0.0002	P	11.4
2	☐	1.000	0.936	6091.71	0.0039	P	1.9
3	☐	250.000	241.322	1468055.24	0.9466	P	0.7
4	☐	625.000	616.738	3963021.60	2.4188	A	5.5
5	☐	1250.000	1274.155	8394805.99	4.9969	A	4.3
6	☐	2500.000	2494.985	17023143.94	9.7844	A	5.8
7	☐	5000.000	4997.935	34351529.14	19.5999	A	5.9
8	☐			6929.66	0.0047	P	5.9

$$y = 0.0039 * x + 2.2018E-004$$

$$R = 1.0000$$

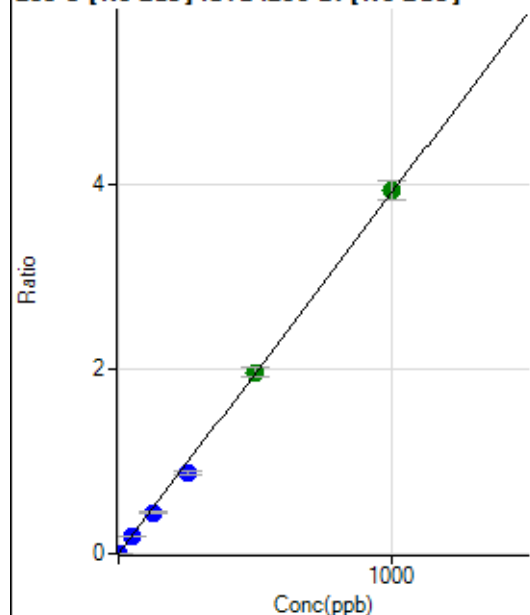
$$DL = 0.01915$$

$$BEC = 0.05615$$

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	4.45	0.0000	P	86.6
2	☐	1.000	0.871	5333.35	0.0034	P	1.8
3	☐	50.000	46.439	281285.72	0.1814	P	0.7
4	☐	125.000	112.898	722652.11	0.4409	P	4.7
5	☐	250.000	225.461	1479363.22	0.8805	P	4.3
6	☐	500.000	503.237	3420428.21	1.9654	A	5.1
7	☐	1000.000	1006.207	6889231.64	3.9298	A	5.3
8	☐			586.69	0.0004	P	3.6

$$y = 0.0039 * x + 2.8423E-006$$

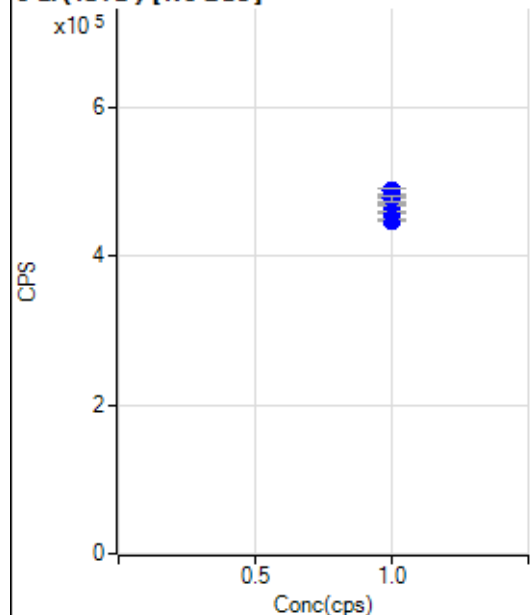
$$R = 0.9996$$

$$DL = 0.001891$$

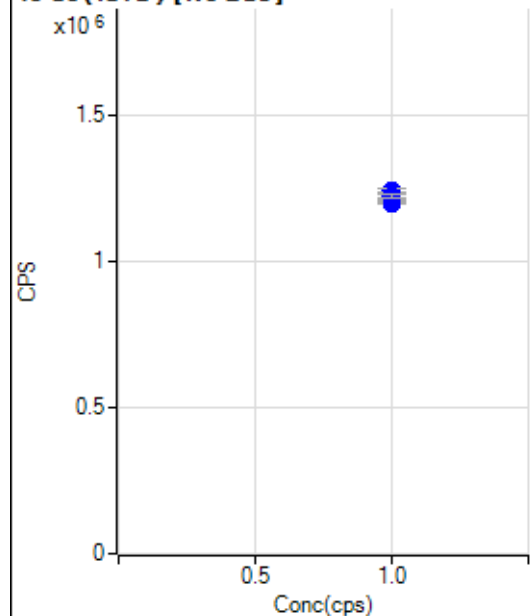
$$BEC = 0.0007278$$

Weight: <None>

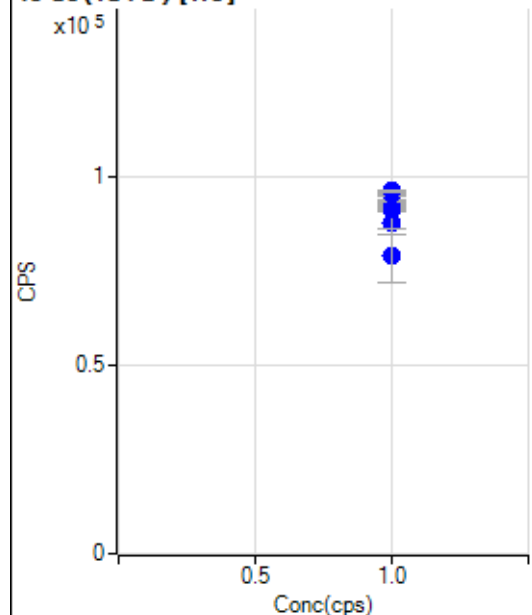
Min Conc: 0

6 Li (ISTD) [No Gas]

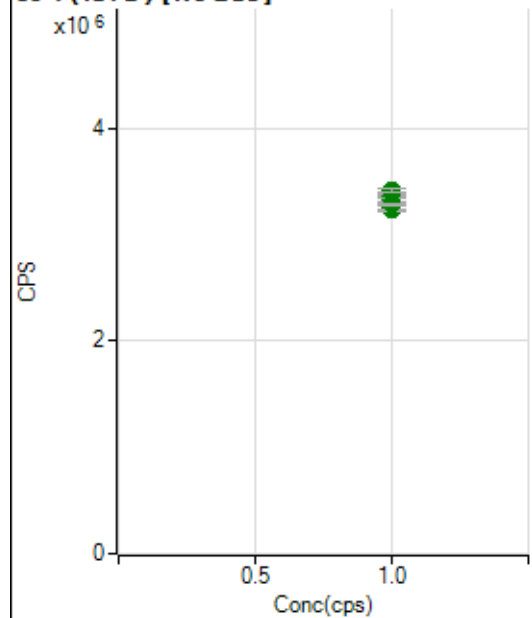
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		446822.63		P	0.4
2	☐	1.000		448967.67		P	0.1
3	☐	1.000		457096.25		P	0.1
4	☐	1.000		459814.09		P	0.5
5	☐	1.000		469159.54		P	1.0
6	☐	1.000		481014.38		P	1.2
7	☐	1.000		487443.27		P	1.6
8	☐	1.000		477499.27		P	1.5

45 Sc (ISTD) [No Gas]

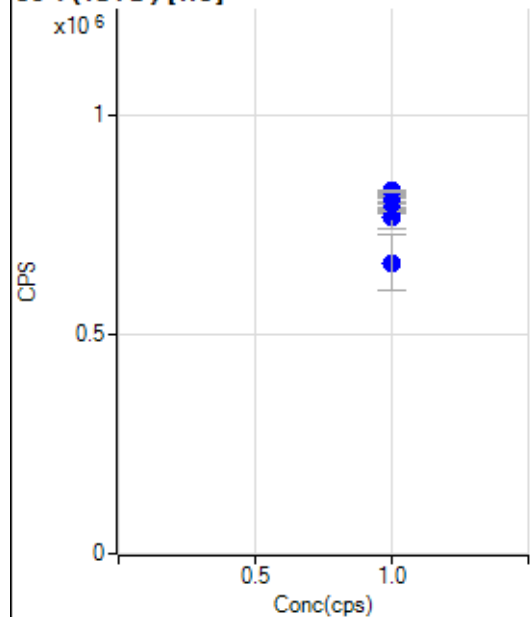
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1194906.10		P	0.1
2	☐	1.000		1193650.47		P	0.1
3	☐	1.000		1198191.43		P	0.5
4	☐	1.000		1204976.35		P	0.1
5	☐	1.000		1211861.63		P	1.0
6	☐	1.000		1232245.52		P	0.7
7	☐	1.000		1239329.28		P	1.3
8	☐	1.000		1222153.60		P	0.9

45 Sc (ISTD) [He]

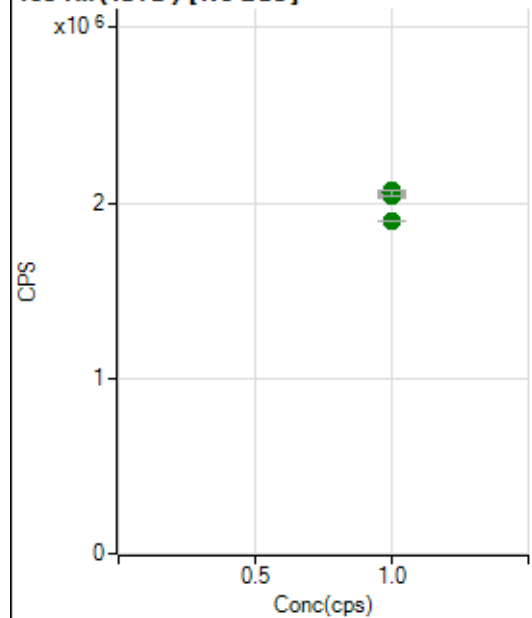
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		87751.35		P	6.7
2	☐	1.000		91274.71		P	0.6
3	☐	1.000		91687.22		P	0.7
4	☐	1.000		92548.95		P	0.3
5	☐	1.000		93567.35		P	0.8
6	☐	1.000		95260.00		P	0.3
7	☐	1.000		96322.21		P	0.5
8	☐	1.000		79191.84		P	17.9

89 Y (ISTD) [No Gas]

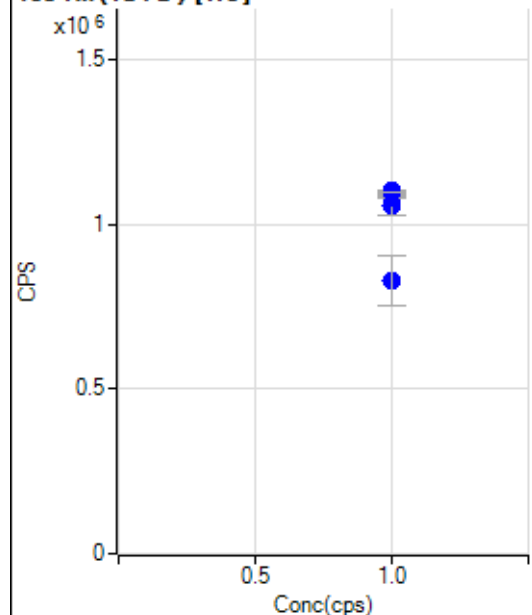
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3286379.92		A	0.7
2	☐	1.000		3256965.68		A	0.8
3	☐	1.000		3230724.91		A	0.2
4	☐	1.000		3331683.14		A	0.9
5	☐	1.000		3353614.78		A	0.5
6	☐	1.000		3366031.51		A	0.7
7	☐	1.000		3413204.05		A	1.1
8	☐	1.000		3284820.33		A	0.6

89 Y (ISTD) [He]

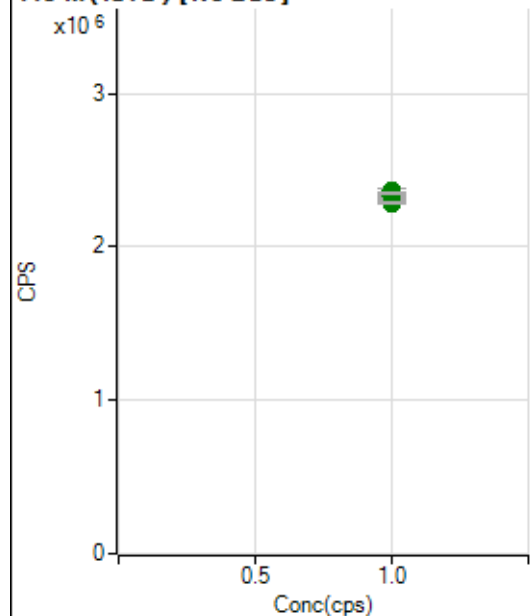
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		764791.76		P	6.4
2	☐	1.000		780474.51		P	0.8
3	☐	1.000		783837.88		P	0.5
4	☐	1.000		798727.53		P	0.5
5	☐	1.000		811130.02		P	0.4
6	☐	1.000		817067.24		P	0.2
7	☐	1.000		826643.44		P	0.3
8	☐	1.000		662928.94		P	19.0

103 Rh (ISTD) [No Gas]

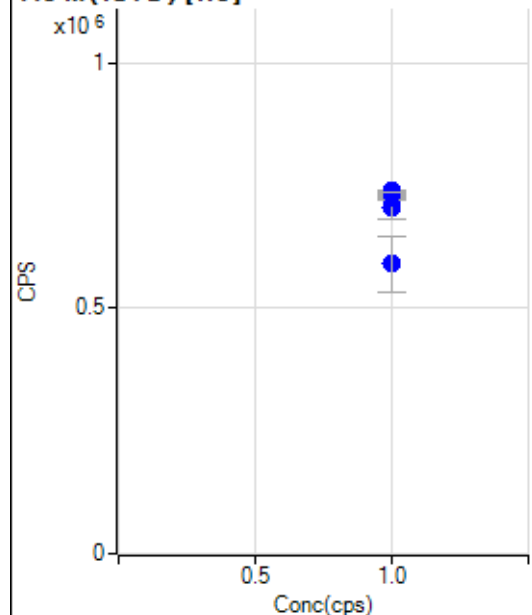
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2057002.18		A	0.8
2	☐	1.000		2052863.51		A	0.4
3	☐	1.000		2042261.51		A	1.6
4	☐	1.000		2052652.95		A	0.3
5	☐	1.000		2068143.29		A	0.7
6	☐	1.000		2044444.38		A	0.9
7	☐	1.000		2056423.20		A	1.7
8	☐	1.000		1898484.89		A	0.3

103 Rh (ISTD) [He]

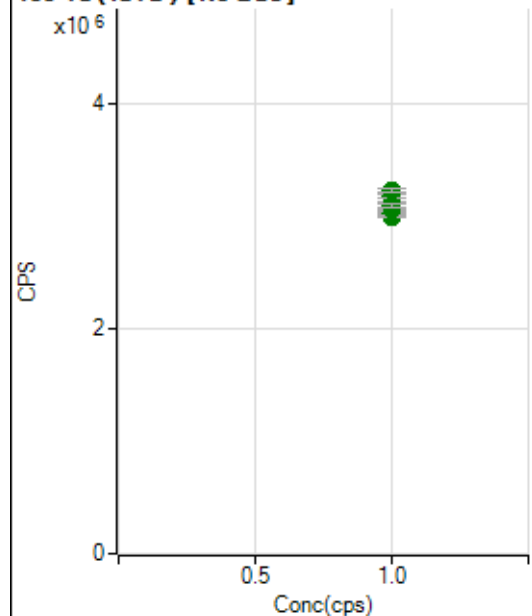
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1056661.68		P	6.1
2	☐	1.000		1087044.21		P	0.7
3	☐	1.000		1078532.56		P	0.4
4	☐	1.000		1095921.99		P	0.3
5	☐	1.000		1100560.95		P	0.2
6	☐	1.000		1094475.67		P	0.2
7	☐	1.000		1096861.26		P	0.1
8	☐	1.000		827516.87		P	18.6

115 In (ISTD) [No Gas]

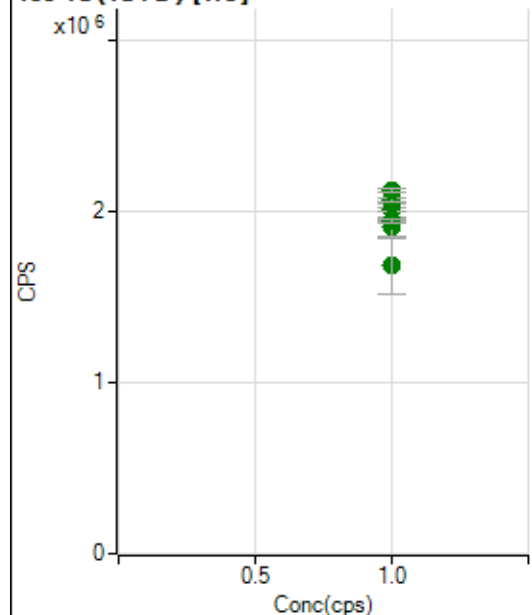
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2324519.31		A	1.1
2	☐	1.000		2312834.00		A	0.5
3	☐	1.000		2300245.18		A	0.4
4	☐	1.000		2345072.42		A	0.5
5	☐	1.000		2332764.44		A	1.8
6	☐	1.000		2365524.89		A	1.6
7	☐	1.000		2354787.99		A	0.6
8	☐	1.000		2283135.92		A	0.6

115 In (ISTD) [He]

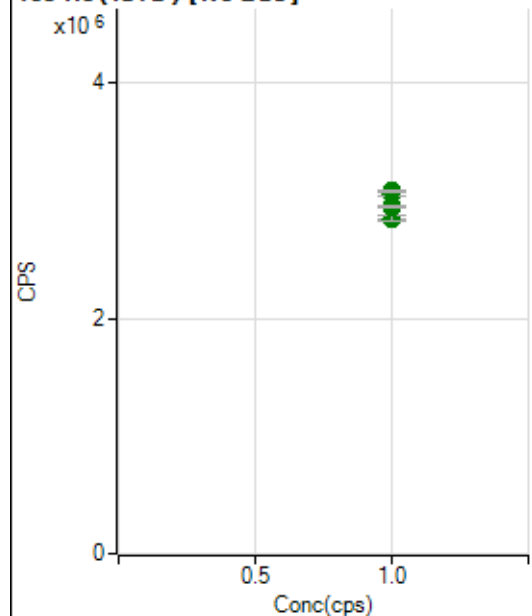
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		704414.47		P	6.1
2	☐	1.000		725121.72		P	0.6
3	☐	1.000		722991.24		P	0.4
4	☐	1.000		733365.32		P	0.3
5	☐	1.000		739260.79		P	0.0
6	☐	1.000		739067.63		P	0.2
7	☐	1.000		737073.04		P	0.2
8	☐	1.000		589930.89		P	19.0

159 Tb (ISTD) [No Gas]

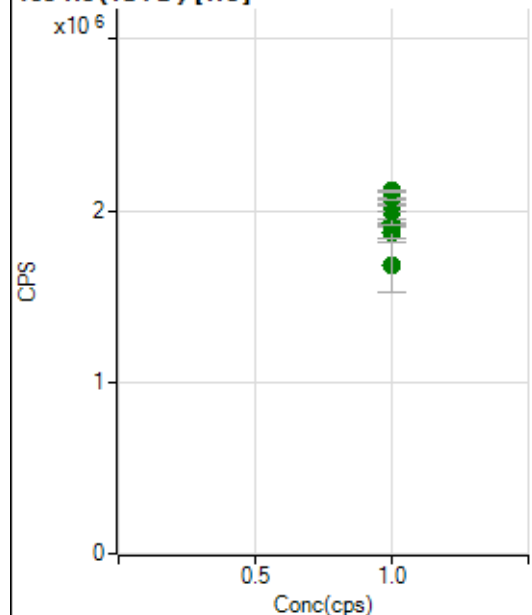
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3037511.48		A	0.4
2	☐	1.000		3031120.96		A	0.8
3	☐	1.000		2997416.31		A	0.5
4	☐	1.000		3067542.11		A	0.4
5	☐	1.000		3126464.33		A	0.8
6	☐	1.000		3182394.78		A	1.2
7	☐	1.000		3229819.22		A	1.1
8	☐	1.000		3096815.44		A	1.4

159 Tb (ISTD) [He]

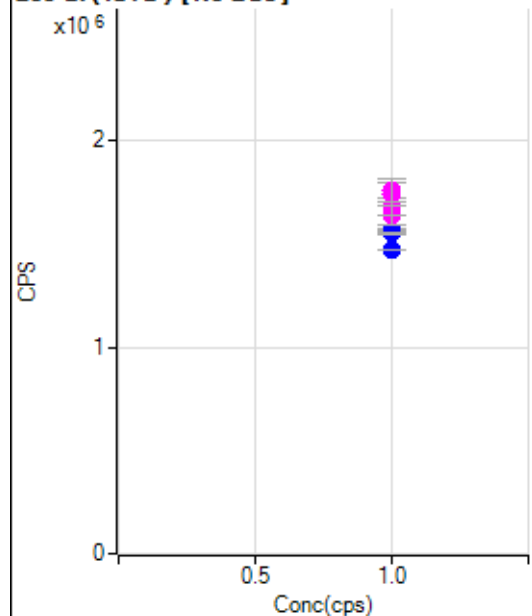
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1905474.58		A	6.1
2	☐	1.000		1945270.82		A	0.3
3	☐	1.000		1946368.79		A	1.1
4	☐	1.000		2008337.44		A	1.0
5	☐	1.000		2046120.37		A	0.8
6	☐	1.000		2062712.40		A	1.1
7	☐	1.000		2117796.17		A	0.9
8	☐	1.000		1679438.60		A	19.0

165 Ho (ISTD) [No Gas]

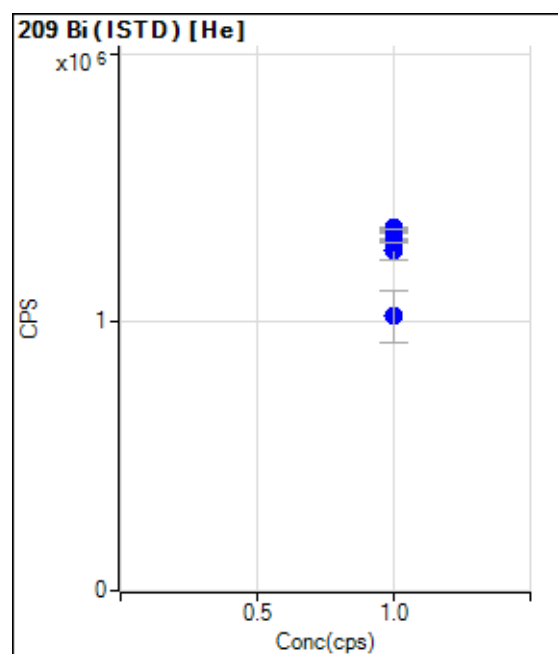
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2835805.51		A	1.0
2	☐	1.000		2843869.12		A	0.5
3	☐	1.000		2847039.92		A	1.4
4	☐	1.000		2939133.32		A	0.2
5	☐	1.000		2941814.89		A	0.4
6	☐	1.000		3052215.02		A	0.8
7	☐	1.000		3082169.33		A	0.4
8	☐	1.000		2949681.45		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1871082.71		A	6.2
2	☐	1.000		1914839.43		A	0.3
3	☐	1.000		1933806.90		A	1.5
4	☐	1.000		1995590.11		A	0.3
5	☐	1.000		2033409.36		A	0.3
6	☐	1.000		2069765.96		A	0.7
7	☐	1.000		2115566.06		A	0.7
8	☐	1.000		1682542.53		A	19.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1565025.05		P	0.6
2	☐	1.000		1565795.41		P	0.4
3	☐	1.000		1550910.71		P	1.0
4	☐	1.000		1641775.10		M	5.6
5	☐	1.000		1682416.83		M	5.1
6	☐	1.000		1744023.50		M	6.2
7	☐	1.000		1757029.38		M	6.4
8	☐	1.000		1470329.46		P	0.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1270668.53		P	6.2
2	☐	1.000		1305905.89		P	0.5
3	☐	1.000		1296768.15		P	0.5
4	☐	1.000		1334392.25		P	0.3
5	☐	1.000		1343796.35		P	0.1
6	☐	1.000		1351642.29		P	0.1
7	☐	1.000		1346003.33		P	0.3
8	☐	1.000		1021655.22		P	19.2