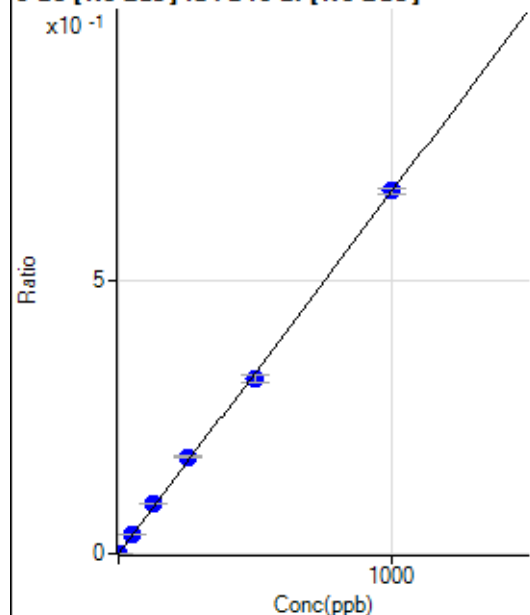


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7051123 MS.b\
Analysis File: P7051123 MS.batch.bin
DA Date-Time: 2023-05-11 14:35:51
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2023-05-11 12:17:04
2	005CALS.d	S02	2023-05-11 12:26:46
3	006CALS.d	S03	2023-05-11 12:30:02
4	007CALS.d	S04	2023-05-11 12:33:09
5	008CALS.d	S05	2023-05-11 12:36:10
6	009CALS.d	S06	2023-05-11 12:39:03
7	010CALS.d	S07	2023-05-11 12:41:52
8	011CALS.d	S08	2023-05-11 12:44:37

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	34.0
2	☐	1.000	1.135	833.36	0.0008	P	2.5
3	☐	50.000	54.641	38734.94	0.0362	P	1.7
4	☐	125.000	136.716	95029.42	0.0905	P	0.1
5	☐	250.000	267.894	182582.22	0.1774	P	1.4
6	☐	500.000	482.720	347351.89	0.3196	P	4.4
7	☐	1000.000	1002.470	676394.31	0.6637	P	1.9
8	☐			351.12	0.0004	P	10.9

$$y = 6.6203\text{E-}004 * x + 2.4589\text{E-}005$$

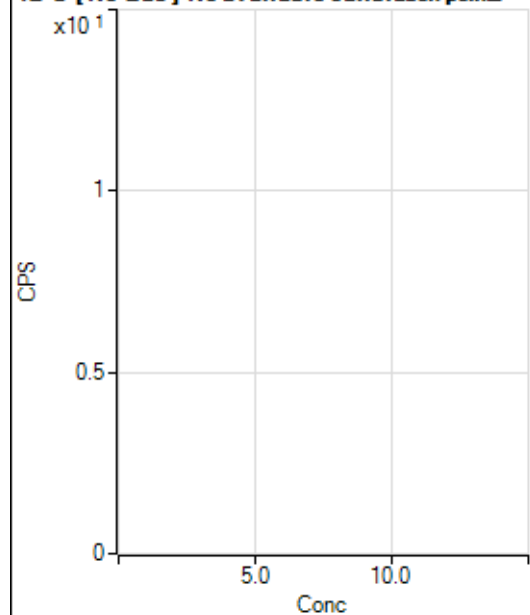
$$R = 0.9996$$

$$DL = 0.0379$$

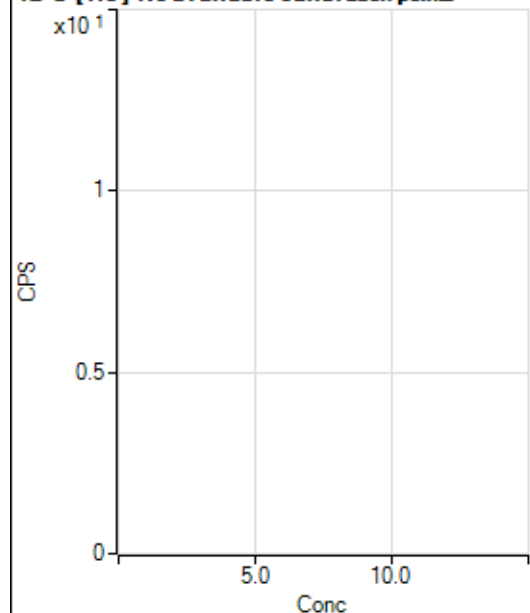
$$BEC = 0.03714$$

Weight: <None>

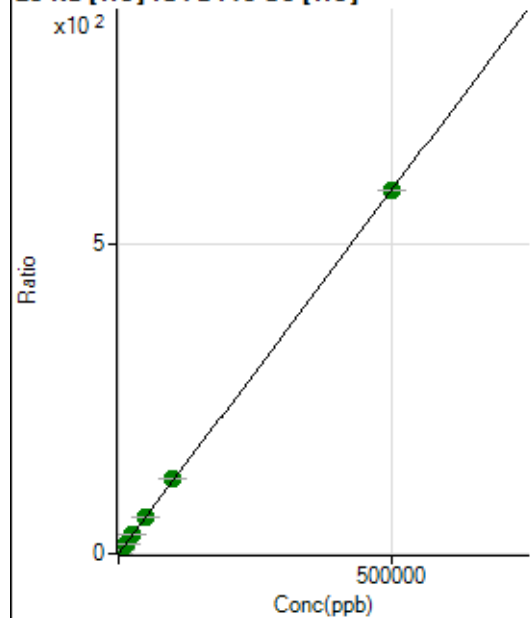
Min Conc: 0

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	5950.08	0.0226	P	1.3
2	☐	500.000	524.710	169959.45	0.6364	P	0.5
3	☐	5000.000	5222.546	1597434.28	6.1319	A	1.4
4	☐	12500.000	12972.179	3887334.21	15.1974	A	0.3
5	☐	25000.000	25932.517	7548136.41	30.3583	A	0.8
6	☐	50000.000	50157.003	14703399.92	58.6960	A	0.9
7	☐	100000.00	102931.73	29251344.28	120.4315	A	1.0
8	☐	500000.00	499337.27	122869098.1	584.1438	A	0.1

$$y = 0.0012 * x + 0.0226$$

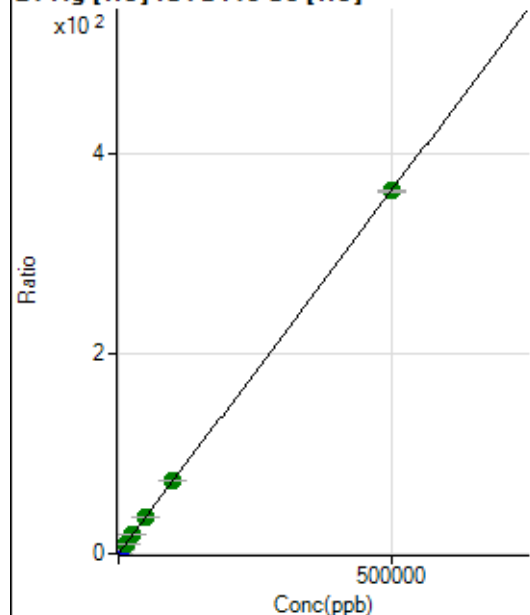
$$R = 1.0000$$

$$DL = 0.7343$$

$$BEC = 19.36$$

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	514.46	0.0020	P	7.8
2	☐	500.000	517.287	100864.44	0.3777	P	0.8
3	☐	5000.000	5428.215	1027707.08	3.9450	P	0.3
4	☐	12500.000	13087.902	2432320.52	9.5090	A	0.6
5	☐	25000.000	26293.536	4749354.62	19.1015	A	0.6
6	☐	50000.000	49890.638	9078588.75	36.2424	A	0.3
7	☐	100000.00	101755.27	17953545.98	73.9167	A	0.3
8	☐	500000.00	499576.20	76332373.31	362.8925	A	0.3

$$y = 7.2640\text{E-}004 * x + 0.0020$$

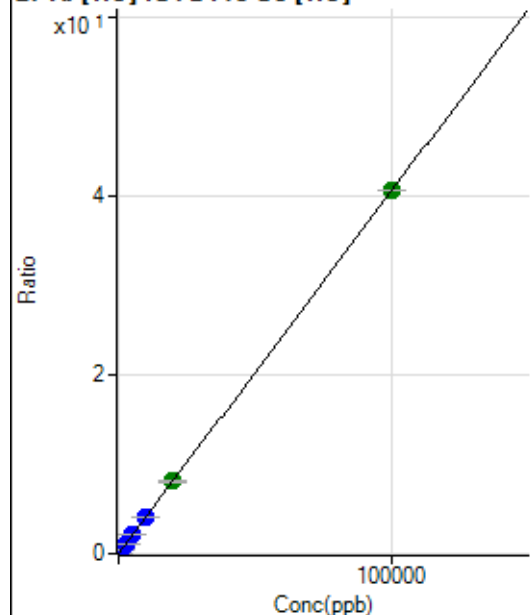
$$R = 1.0000$$

$$DL = 0.6309$$

$$BEC = 2.695$$

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	48.89	0.0002	P	14.6
2	☐	20.000	20.404	2260.18	0.0085	P	6.2
3	☐	1000.000	1057.376	111806.67	0.4292	P	0.7
4	☐	2500.000	2599.524	269821.36	1.0549	P	0.3
5	☐	5000.000	5228.281	527457.87	2.1214	P	0.4
6	☐	10000.000	9963.976	1012696.39	4.0427	P	0.2
7	☐	20000.000	19936.675	1964668.84	8.0888	A	0.7
8	☐	100000.00	100001.79	8534078.20	40.5726	A	0.1

$$y = 4.0572\text{E-}004 * x + 1.8614\text{E-}004$$

$$R = 1.0000$$

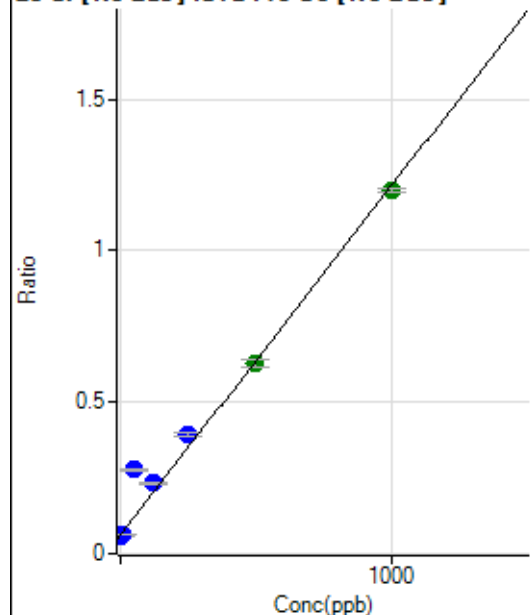
$$DL = 0.2003$$

$$BEC = 0.4588$$

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	176889.13	0.0579	P	0.4
2	☐	10.000	6.434	200051.41	0.0654	P	0.3
3	☐	50.000	188.419	828764.25	0.2762	P	0.7
4	☐	125.000	150.208	685445.55	0.2319	P	2.1
5	☐	250.000	289.221	1109468.67	0.3930	P	2.0
6	☐	500.000	492.594	1873232.73	0.6286	A	4.4
7	☐	1000.000	983.861	3342807.87	1.1978	A	1.2
8	☐			437600.70	0.1691	P	7.4

$$y = 0.0012 * x + 0.0579$$

$$R = 0.9900$$

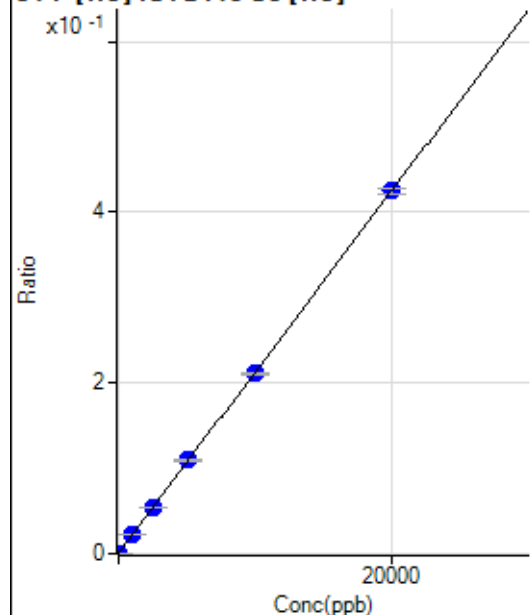
$$DL = 0.54$$

$$BEC = 49.98$$

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	-9.093	160.00	0.0006	P	7.1
2	☐	0.000	9.093	265.56	0.0010	P	6.3
3	☐	1000.000	1041.137	5958.99	0.0229	P	3.8
4	☐	2500.000	2558.038	14077.67	0.0550	P	0.4
5	☐	5000.000	5122.035	27200.88	0.1094	P	2.0
6	☐	10000.000	9909.395	52828.48	0.2109	P	0.7
7	☐	20000.000	20005.482	103203.90	0.4249	P	1.4
8	☐			181.12	0.0009	P	14.1

$$y = 2.1201E-005 * x + 8.0173E-004$$

$$R = 1.0000$$

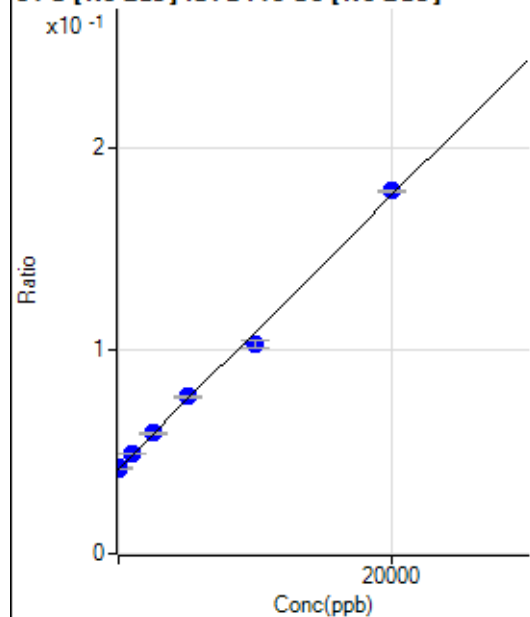
$$DL = 7.508$$

$$BEC = 37.81$$

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	36.447	128741.05	0.0421	P	1.1
2	☐	0.000	-36.447	127494.41	0.0417	P	0.8
3	☐	1000.000	1102.369	147923.32	0.0493	P	1.5
4	☐	2500.000	2594.335	175263.35	0.0593	P	2.1
5	☐	5000.000	5303.476	218837.97	0.0775	P	1.3
6	☐	10000.000	9130.116	307703.37	0.1032	P	3.1
7	☐	20000.000	20342.163	498318.28	0.1786	P	0.8
8	☐			108500.47	0.0419	P	2.9

$$y = 6.7182E-006 * x + 0.0419$$

R = 0.9985

DL = 177.4

BEC = 6236

Weight: <None>

Min Conc: 0

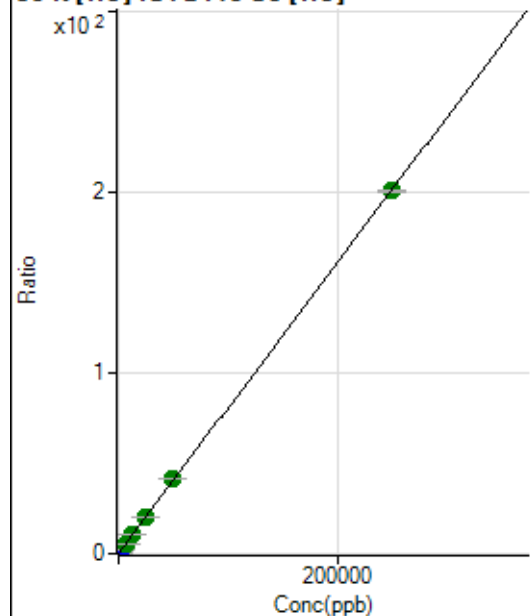
35 Cl [No Gas] No available calibration points



	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	36811.13	0.1401	P	0.8
2	☐	500.000	539.705	153263.86	0.5739	P	0.7
3	☐	2500.000	2816.391	626257.48	2.4040	P	0.3
4	☐	6250.000	6560.845	1384675.21	5.4138	A	1.7
5	☐	12500.000	12977.648	2628603.68	10.5717	A	0.3
6	☐	25000.000	24966.647	5062202.70	20.2087	A	0.5
7	☐	50000.000	51358.619	10060128.25	41.4229	A	1.6
8	☐	250000.00	249696.71	42246976.32	200.8500	A	0.2

$$y = 8.0381\text{E-}004 * x + 0.1401$$

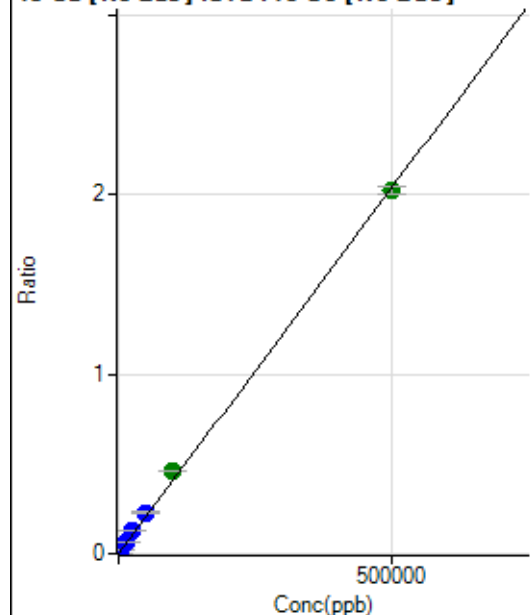
$$R = 1.0000$$

$$DL = 4.214$$

$$BEC = 174.3$$

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	74.45	0.0000	P	5.3
2	☐	500.000	567.085	7137.30	0.0023	P	2.7
3	☐	5000.000	6210.756	75903.03	0.0253	P	0.5
4	☐	12500.000	15211.843	182951.73	0.0619	P	1.3
5	☐	25000.000	30557.205	351047.66	0.1244	P	1.6
6	☐	50000.000	55858.124	677435.90	0.2273	P	4.1
7	☐	100000.00	113473.67	1288676.00	0.4618	A	1.0
8	☐	500000.00	496361.62	5230459.54	2.0198	A	2.0

$$y = 4.0692\text{E-}006 * x + 2.4371\text{E-}005$$

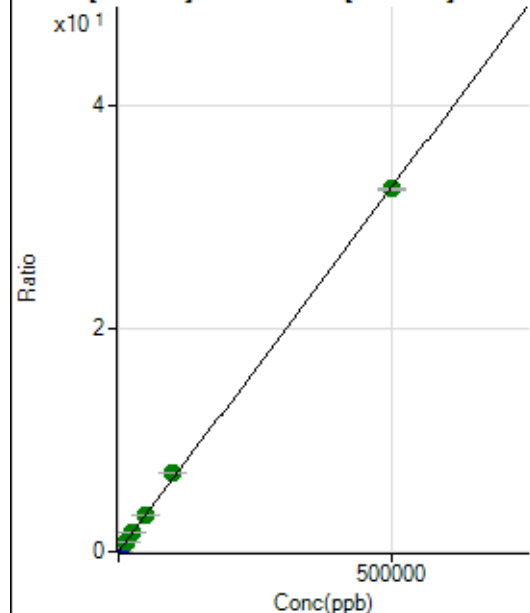
$$R = 0.9996$$

$$DL = 0.9489$$

$$BEC = 5.989$$

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	3768.29	0.0012	P	2.4
2	☐	500.000	551.956	113899.15	0.0372	P	1.8
3	☐	5000.000	5957.184	1168923.96	0.3896	P	0.4
4	☐	12500.000	13777.467	2657401.78	0.8993	A	0.0
5	☐	25000.000	27463.348	5056836.80	1.7915	A	1.3
6	☐	50000.000	50304.372	9775361.17	3.2804	A	4.3
7	☐	100000.00	107939.95	19639771.65	7.0374	A	0.6
8	☐	500000.00	498216.84	84131912.64	32.4779	A	0.3

$$y = 6.5186\text{E-}005 * x + 0.0012$$

$$R = 0.9999$$

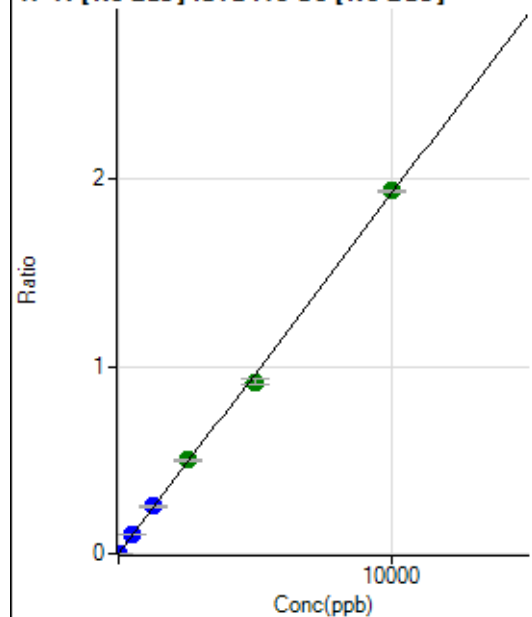
$$DL = 1.345$$

$$BEC = 18.92$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0000	P	18.2
2	☐	5.000	5.034	3008.10	0.0010	P	2.5
3	☐	500.000	532.560	307622.50	0.1025	P	0.4
4	☐	1250.000	1309.058	744499.14	0.2520	P	1.1
5	☐	2500.000	2597.463	1411264.13	0.5000	A	1.7
6	☐	5000.000	4776.914	2740322.60	0.9195	A	3.8
7	☐	10000.000	10078.167	5413809.99	1.9399	A	0.8
8	☐			1138.94	0.0004	P	4.9

$$y = 1.9249\text{E-}004 * x + 1.3821\text{E-}005$$

$$R = 0.9996$$

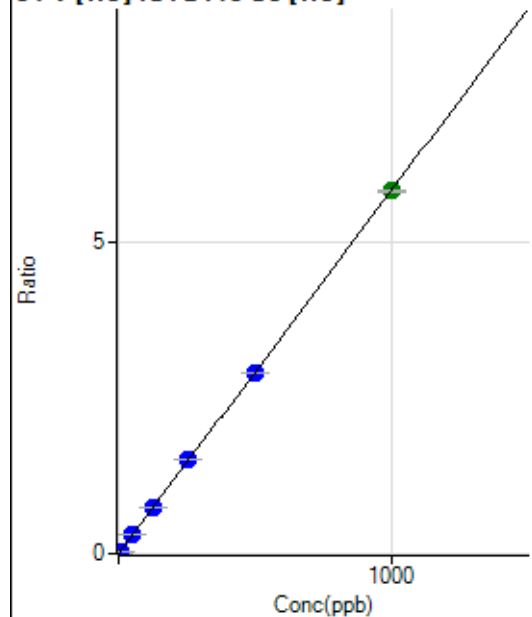
$$DL = 0.03923$$

$$BEC = 0.0718$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.121	7965.49	0.0298	P	0.6
3	☐	50.000	51.955	78818.67	0.3026	P	0.4
4	☐	125.000	129.125	192333.31	0.7519	P	0.4
5	☐	250.000	258.038	373613.99	1.5026	P	0.6
6	☐	500.000	497.815	726175.64	2.8989	P	0.3
7	☐	1000.000	998.469	1412401.58	5.8144	A	0.9
8	☐			495.57	0.0024	P	10.6

$$y = 0.0058 * x + 8.4202\text{E-}006$$

$$R = 1.0000$$

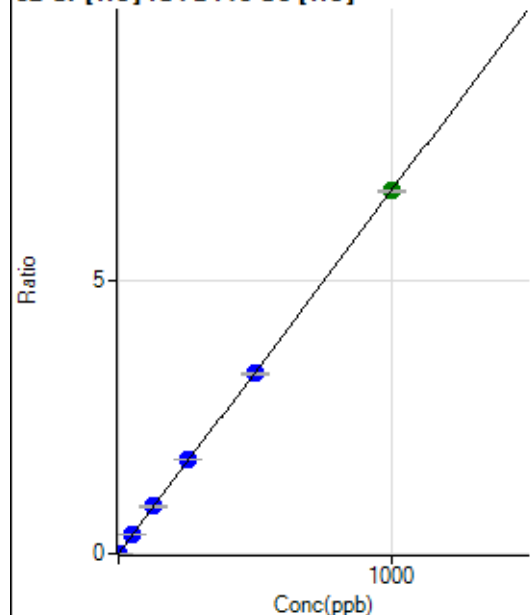
$$DL = 0.007513$$

$$BEC = 0.001446$$

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	670.02	0.0026	P	11.5
2	☐	2.000	2.043	4316.22	0.0162	P	1.4
3	☐	50.000	53.366	93290.34	0.3581	P	0.5
4	☐	125.000	129.626	221559.21	0.8662	P	0.7
5	☐	250.000	258.652	429111.20	1.7258	P	0.3
6	☐	500.000	495.298	827272.89	3.3025	P	0.5
7	☐	1000.000	999.441	1617931.82	6.6614	A	0.8
8	☐			11521.13	0.0548	P	1.6

$$y = 0.0067 * x + 0.0026$$

$$R = 0.9999$$

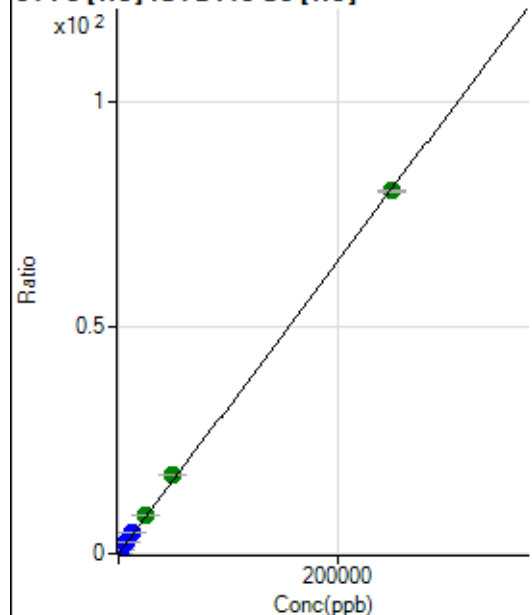
$$DL = 0.1324$$

$$BEC = 0.3829$$

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	1237.84	0.0047	P	2.4
2	☐	50.000	54.869	5980.13	0.0224	P	1.6
3	☐	2500.000	2925.672	246835.08	0.9475	P	0.5
4	☐	6250.000	7282.378	601475.74	2.3515	P	0.5
5	☐	12500.000	14465.334	1160209.67	4.6663	P	0.8
6	☐	25000.000	26370.686	2129959.67	8.5029	A	0.8
7	☐	50000.000	53771.430	4209949.17	17.3330	A	0.9
8	☐	250000.00	248980.31	16877159.89	80.2409	A	0.6

$$y = 3.2226E-004 * x + 0.0047$$

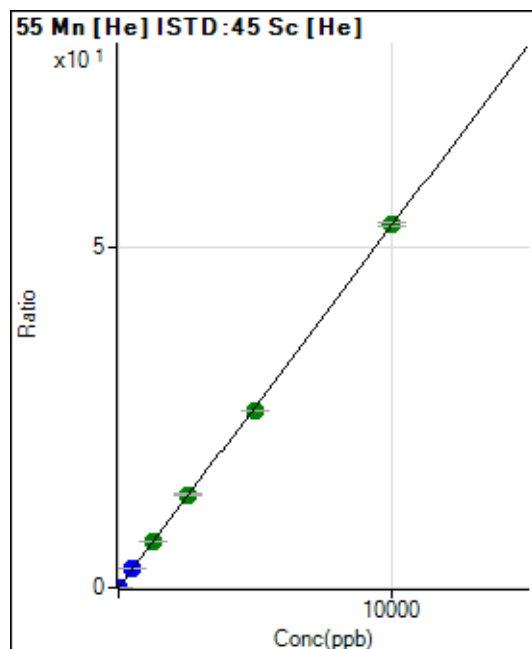
$$R = 0.9999$$

$$DL = 1.058$$

$$BEC = 14.62$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0003	P	12.0
2	☐	1.000	1.062	1582.32	0.0059	P	1.8
3	☐	500.000	524.072	726147.91	2.7874	P	0.2
4	☐	1250.000	1282.571	1744859.12	6.8214	A	1.2
5	☐	2500.000	2571.410	3400234.98	13.6758	A	1.3
6	☐	5000.000	4892.621	6518205.46	26.0206	A	0.8
7	☐	10000.000	10030.562	12956374.25	53.3456	A	1.0
8	☐			6214.65	0.0295	P	1.2

$$y = 0.0053 * x + 2.7495E-004$$

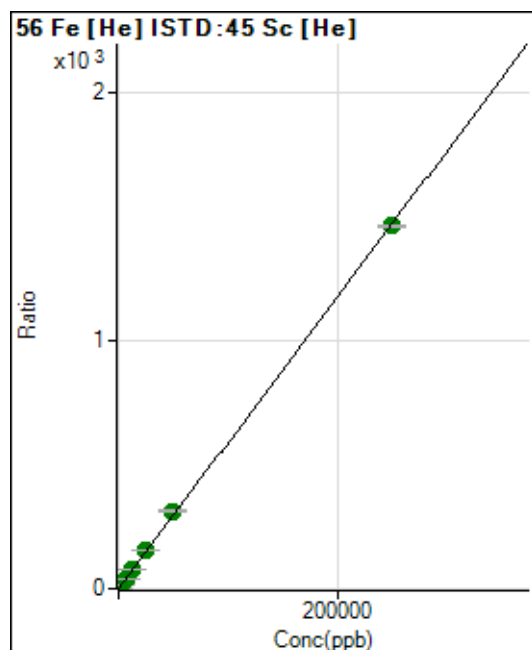
$$R = 0.9999$$

$$DL = 0.01855$$

$$BEC = 0.0517$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8335.70	0.0317	P	1.3
2	☐	50.000	55.607	95639.19	0.3581	P	0.3
3	☐	2500.000	2764.338	4235393.86	16.2586	A	0.6
4	☐	6250.000	6801.140	10220279.64	39.9548	A	0.9
5	☐	12500.000	13731.490	20048954.14	80.6364	A	1.2
6	☐	25000.000	26271.531	38638813.31	154.2472	A	0.5
7	☐	50000.000	53345.689	76059103.31	313.1741	A	1.4
8	☐	250000.00	249125.71	307587742.0	1,462.414	A	0.8

$$y = 0.0059 * x + 0.0317$$

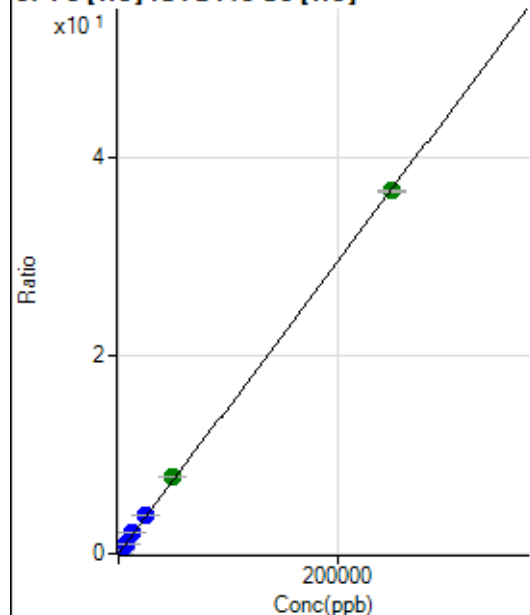
$$R = 0.9999$$

$$DL = 0.2077$$

$$BEC = 5.405$$

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	338.90	0.0013	P	10.6
2	☐	50.000	58.977	2664.71	0.0100	P	4.0
3	☐	2500.000	2847.265	109602.25	0.4207	P	0.2
4	☐	6250.000	7095.308	267682.45	1.0465	P	0.4
5	☐	12500.000	14182.381	519785.78	2.0905	P	0.6
6	☐	25000.000	26875.033	992064.06	3.9603	P	0.5
7	☐	50000.000	53055.487	1898566.00	7.8171	A	1.0
8	☐	250000.00	249092.67	7718583.36	36.6960	A	0.2

$$y = 1.4731E-004 * x + 0.0013$$

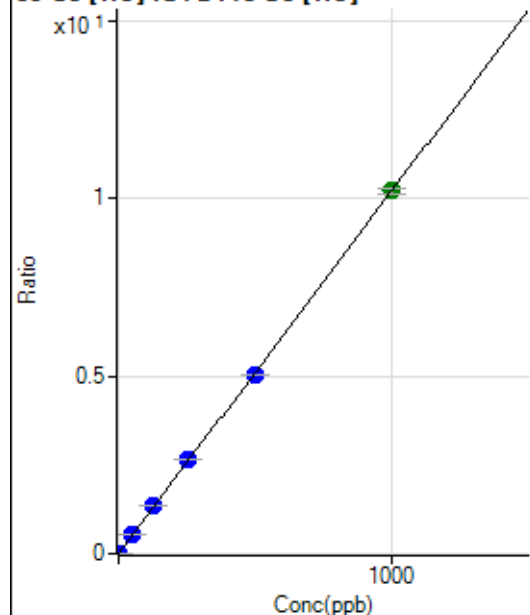
R = 0.9999

DL = 2.789

BEC = 8.758

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	35.56	0.0001	P	14.0
2	☐	1.000	1.064	2936.98	0.0110	P	4.4
3	☐	50.000	53.352	141911.07	0.5447	P	0.9
4	☐	125.000	130.594	341004.19	1.3332	P	0.7
5	☐	250.000	258.350	655717.53	2.6373	P	0.6
6	☐	500.000	491.896	1257794.72	5.0212	P	0.3
7	☐	1000.000	1001.097	2481707.39	10.2189	A	1.8
8	☐			2515.79	0.0120	P	5.0

$$y = 0.0102 * x + 1.3530E-004$$

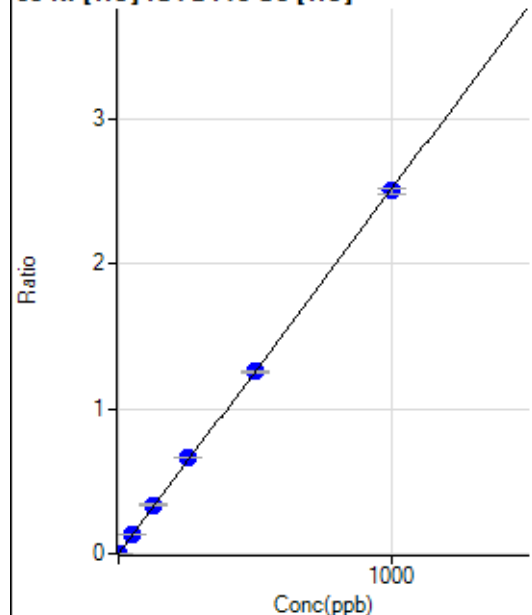
R = 0.9999

DL = 0.005582

BEC = 0.01325

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	55.56	0.0002	P	9.0
2	☐	1.000	1.114	805.59	0.0030	P	3.6
3	☐	50.000	54.151	35579.95	0.1366	P	1.9
4	☐	125.000	134.438	86649.36	0.3388	P	1.0
5	☐	250.000	265.009	165981.66	0.6676	P	0.7
6	☐	500.000	499.038	314854.29	1.2569	P	0.2
7	☐	1000.000	995.341	608781.39	2.5067	P	1.7
8	☐			1936.81	0.0092	P	3.5

$$y = 0.0025 * x + 2.1143E-004$$

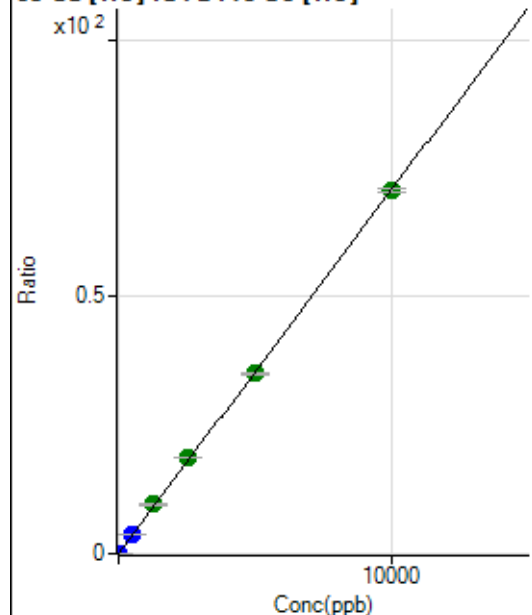
$$R = 0.9999$$

$$DL = 0.02279$$

$$BEC = 0.08396$$

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	644.47	0.0025	P	8.5
2	☐	2.000	2.155	4728.57	0.0177	P	4.4
3	☐	500.000	537.132	991046.48	3.8044	P	0.5
4	☐	1250.000	1349.686	2444209.67	9.5558	A	0.9
5	☐	2500.000	2638.628	4644251.01	18.6791	A	1.0
6	☐	5000.000	4964.778	8803801.05	35.1440	A	1.1
7	☐	10000.000	9968.637	17137909.33	70.5622	A	0.9
8	☐			3110.35	0.0148	P	0.9

$$y = 0.0071 * x + 0.0025$$

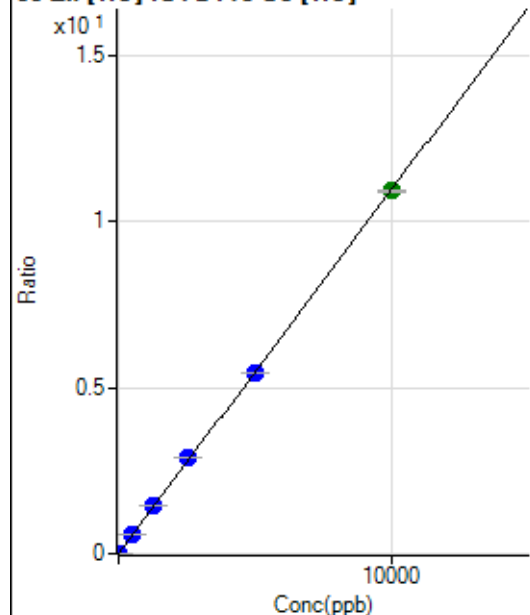
$$R = 0.9999$$

$$DL = 0.08797$$

$$BEC = 0.3466$$

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	125.56	0.0005	P	18.5
2	☐	2.000	2.455	845.59	0.0032	P	11.3
3	☐	500.000	538.633	153763.02	0.5902	P	0.4
4	☐	1250.000	1332.180	373217.65	1.4591	P	0.8
5	☐	2500.000	2640.603	719004.70	2.8918	P	0.4
6	☐	5000.000	4972.975	1364100.43	5.4456	P	0.2
7	☐	10000.000	9966.157	2650580.13	10.9128	A	0.5
8	☐			9450.85	0.0449	P	1.9

$$y = 0.0011 * x + 4.7771E-004$$

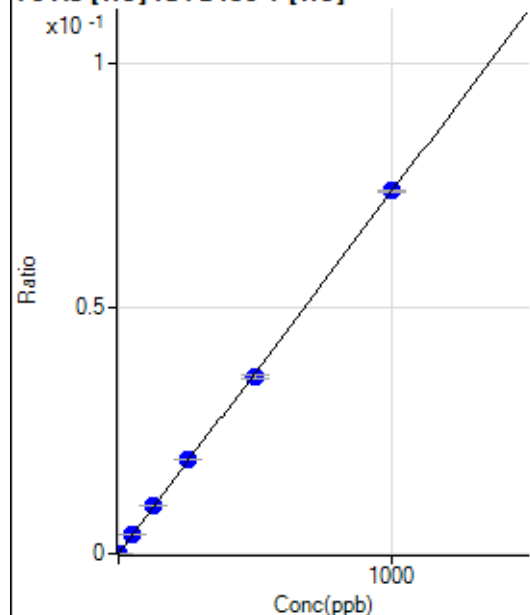
$$R = 0.9999$$

$$DL = 0.2427$$

$$BEC = 0.4363$$

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	3.33	0.0000	P	0.3
2	☐	1.000	1.030	206.67	0.0001	P	25.0
3	☐	50.000	53.320	10106.86	0.0039	P	2.4
4	☐	125.000	131.051	24196.45	0.0097	P	1.0
5	☐	250.000	259.838	47315.12	0.0191	P	0.9
6	☐	500.000	488.751	90736.16	0.0360	P	1.6
7	☐	1000.000	1002.242	178805.43	0.0738	P	0.6
8	☐			40.00	0.0000	P	22.3

$$y = 7.3677E-005 * x + 1.2595E-006$$

$$R = 0.9998$$

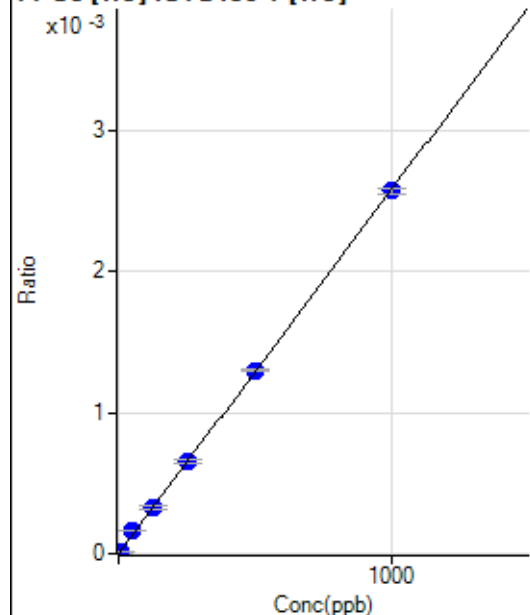
$$DL = 0.0001679$$

$$BEC = 0.01709$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	4.488	32.22	0.0000	P	16.6
3	☐	50.000	62.862	418.90	0.0002	P	6.4
4	☐	125.000	127.836	828.92	0.0003	P	8.2
5	☐	250.000	255.493	1633.44	0.0007	P	4.4
6	☐	500.000	502.531	3273.72	0.0013	P	1.3
7	☐	1000.000	996.366	6235.81	0.0026	P	1.8
8	☐			1.11	0.0000	P	173.

$$y = 2.5845\text{E-}006 * x + 4.2058\text{E-}007$$

$$R = 0.9999$$

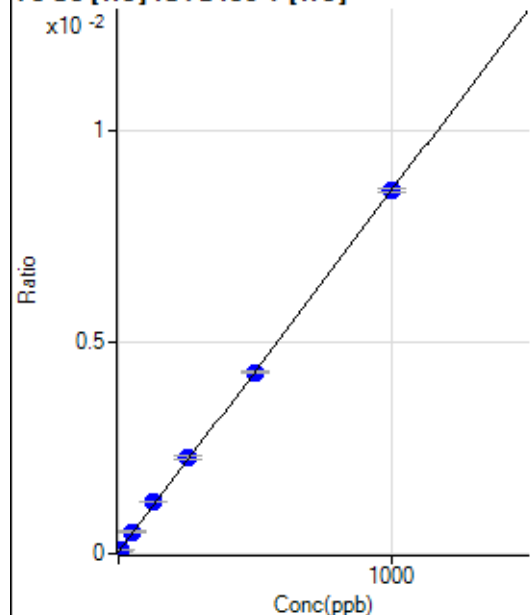
$$DL = 0.8456$$

$$BEC = 0.1627$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.34	0.0001	P	7.9
2	☐	5.000	5.327	287.78	0.0001	P	8.5
3	☐	50.000	52.457	1312.30	0.0005	P	6.0
4	☐	125.000	136.217	3072.57	0.0012	P	2.7
5	☐	250.000	257.956	5601.11	0.0023	P	3.2
6	☐	500.000	496.338	10845.16	0.0043	P	1.6
7	☐	1000.000	998.315	20811.39	0.0086	P	0.9
8	☐			124.45	0.0001	P	19.0

$$y = 8.5474\text{E-}006 * x + 6.1767\text{E-}005$$

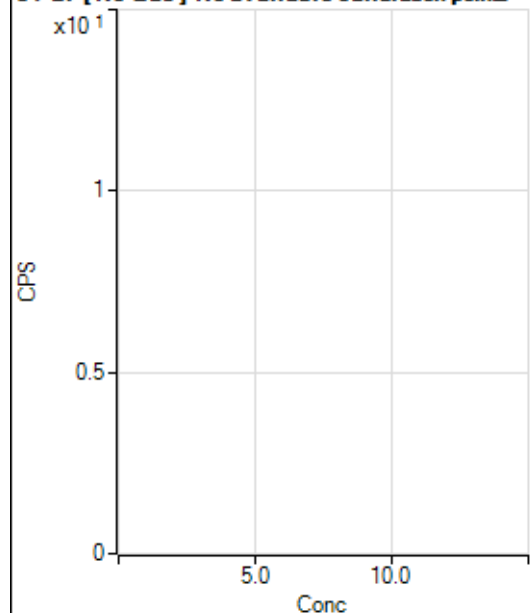
$$R = 0.9999$$

$$DL = 1.708$$

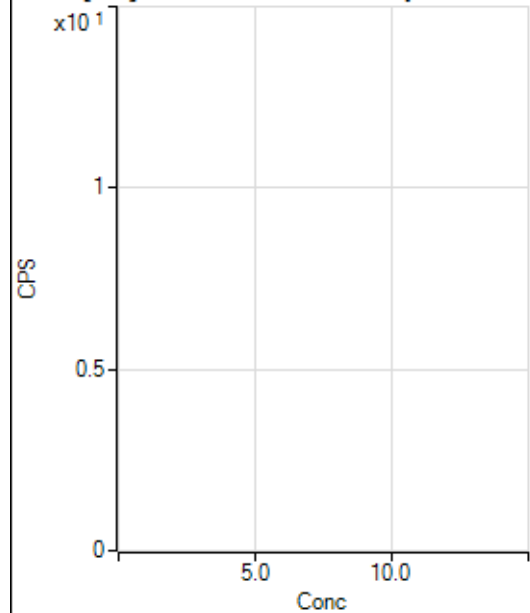
$$BEC = 7.226$$

Weight: <None>

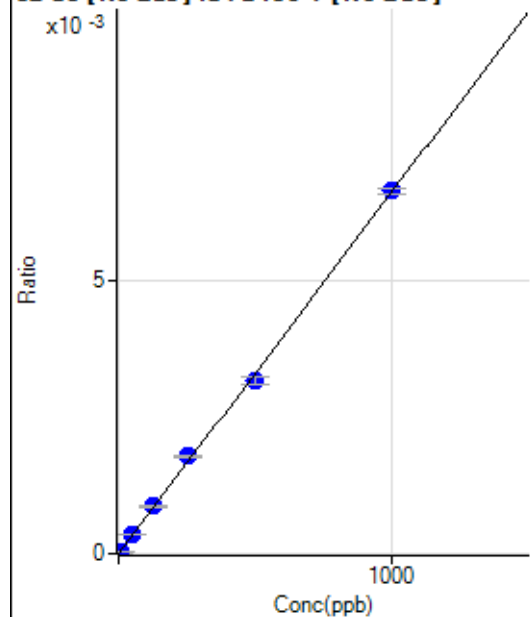
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33229.67		P	0.8
2	☐			33816.71		P	1.8
3	☐			33779.86		P	1.3
4	☐			32381.16		P	1.2
5	☐			31331.18		P	1.5
6	☐			29927.10		P	1.5
7	☐			30274.49		P	1.5
8	☐			28381.79		P	3.2

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			68.89		P	17.0
2	☐			57.78		P	13.3
3	☐			48.89		P	30.7
4	☐			45.55		P	15.2
5	☐			42.22		P	24.1
6	☐			48.89		P	27.6
7	☐			55.55		P	12.5
8	☐			47.78		P	42.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.54	0.0000	P	17.7
2	☐	5.000	5.442	419.68	0.0000	P	15.5
3	☐	50.000	53.376	3892.07	0.0004	P	0.3
4	☐	125.000	131.749	9469.52	0.0009	P	2.8
5	☐	250.000	270.206	18526.67	0.0018	P	1.6
6	☐	500.000	478.742	35352.09	0.0032	P	4.7
7	☐	1000.000	1004.563	69473.88	0.0066	P	1.3
8	☐			167.78	0.0000	P	7.2

$$y = 6.6073\text{E-}006 * x + 1.7610\text{E-}006$$

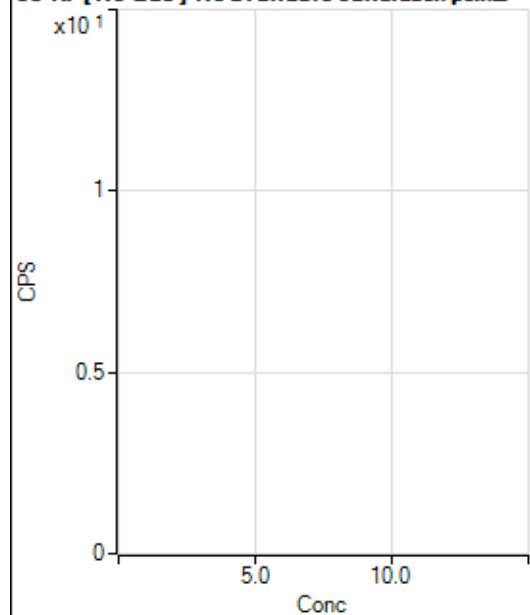
$$R = 0.9994$$

$$DL = 0.1418$$

$$BEC = 0.2665$$

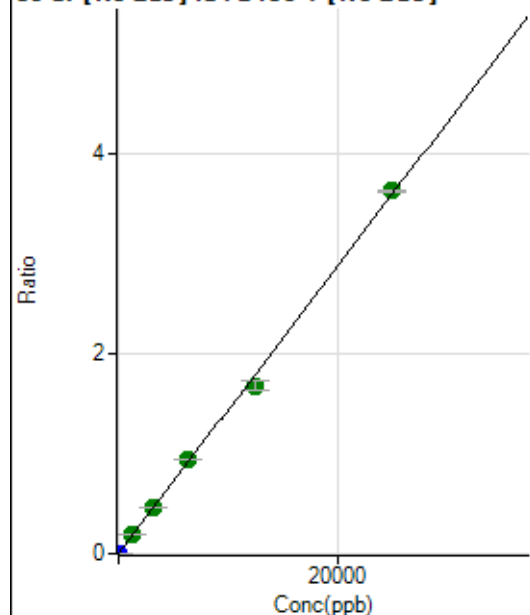
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			72.22		P	9.6
2	☐			62.22		P	43.3
3	☐			86.67		P	32.9
4	☐			75.56		P	18.4
5	☐			86.67		P	6.7
6	☐			63.33		P	22.9
7	☐			68.89		P	7.4
8	☐			98.89		P	3.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.34	0.0000	P	2.4
2	☐	1.000	0.995	1732.34	0.0002	P	2.2
3	☐	1250.000	1301.970	2050909.78	0.1868	A	0.7
4	☐	3125.000	3225.985	5023788.12	0.4627	A	0.4
5	☐	6250.000	6529.673	9710801.39	0.9366	A	0.6
6	☐	12500.000	11730.564	18794161.80	1.6826	A	4.8
7	☐	25000.000	25299.578	37974686.38	3.6289	A	0.8
8	☐			11633.56	0.0012	P	1.4

$$y = 1.4344\text{E-}004 * x + 1.2910\text{E-}005$$

$$R = 0.9992$$

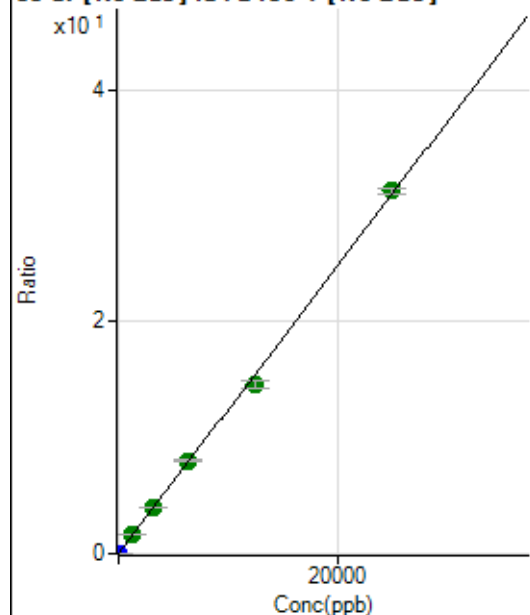
$$DL = 0.006427$$

$$BEC = 0.09$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112.22	0.0000	P	4.7
2	☐	1.000	1.006	13961.16	0.0013	P	1.4
3	☐	1250.000	1282.552	17415966.82	1.5860	A	0.4
4	☐	3125.000	3195.034	42893289.08	3.9509	A	0.3
5	☐	6250.000	6473.910	82992680.43	8.0054	A	1.2
6	☐	12500.000	11824.950	163327846.4	14.6223	A	4.8
7	☐	25000.000	25271.166	327011830.6	31.2493	A	1.3
8	☐			99481.23	0.0106	P	4.1

$$y = 0.0012 * x + 1.0108\text{E-}005$$

$$R = 0.9994$$

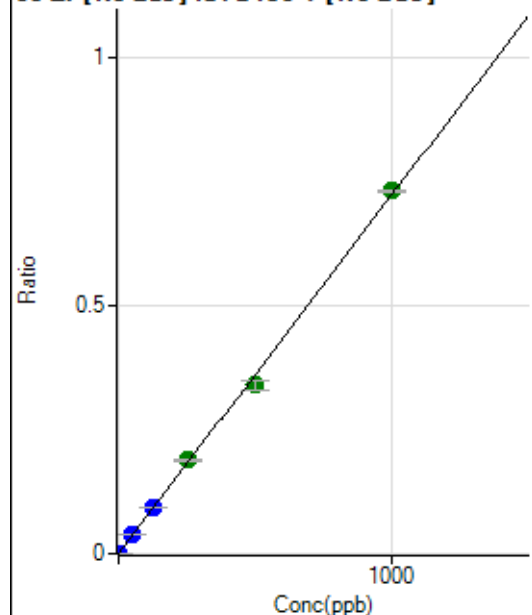
$$DL = 0.001155$$

$$BEC = 0.008174$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.23	0.0000	P	2.7
2	☐	1.000	0.969	8111.20	0.0007	P	1.8
3	☐	50.000	51.491	408395.08	0.0372	P	0.4
4	☐	125.000	127.858	1002128.32	0.0923	P	1.7
5	☐	250.000	260.275	1947889.45	0.1879	A	0.7
6	☐	500.000	469.870	3788175.67	0.3392	A	4.8
7	☐	1000.000	1012.065	7644481.76	0.7305	A	0.5
8	☐			2076.83	0.0002	P	4.3

$$y = 7.2174\text{E-}004 * x + 2.9026\text{E-}005$$

$$R = 0.9993$$

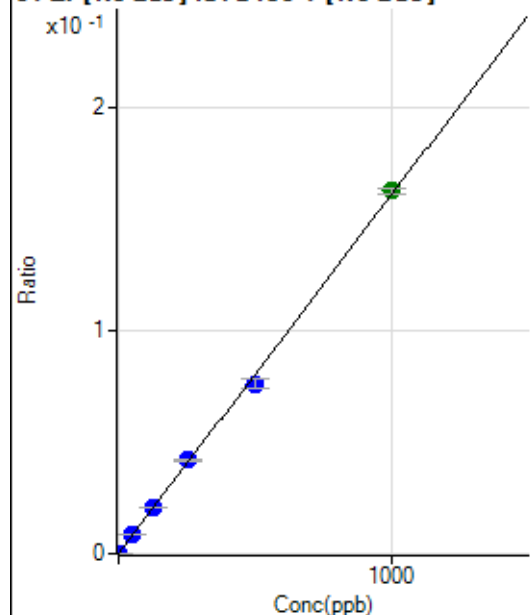
$$DL = 0.003229$$

$$BEC = 0.04022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0000	P	45.3
2	☐	1.000	0.959	1781.24	0.0002	P	5.9
3	☐	50.000	51.716	91520.63	0.0083	P	0.4
4	☐	125.000	128.577	224859.74	0.0207	P	1.2
5	☐	250.000	260.914	435667.43	0.0420	P	1.3
6	☐	500.000	472.313	849527.44	0.0761	P	5.4
7	☐	1000.000	1010.582	1703185.23	0.1628	A	1.5
8	☐			415.57	0.0000	P	14.4

$$y = 1.6104\text{E-}004 * x + 5.5943\text{E-}006$$

$$R = 0.9994$$

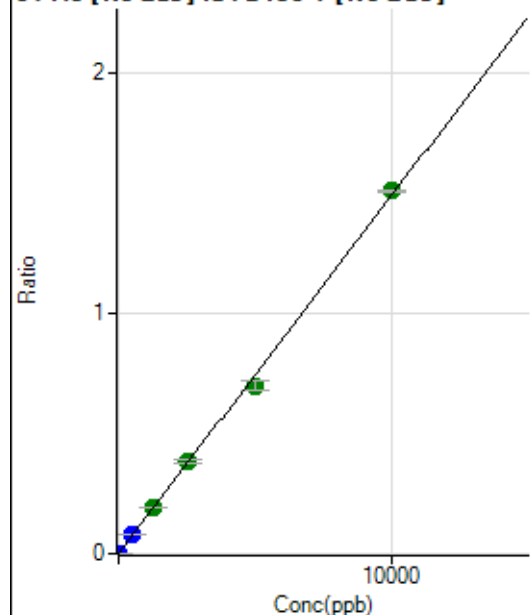
$$DL = 0.04724$$

$$BEC = 0.03474$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	132.23	0.0000	P	16.7
2	☐	5.000	5.556	9330.81	0.0008	P	2.1
3	☐	500.000	515.086	841373.72	0.0766	P	0.6
4	☐	1250.000	1276.550	2061274.64	0.1899	A	1.1
5	☐	2500.000	2582.019	3980639.98	0.3840	A	2.5
6	☐	5000.000	4688.077	7787342.25	0.6972	A	5.1
7	☐	10000.000	10131.383	15768145.88	1.5068	A	0.5
8	☐			4232.88	0.0005	P	4.2

$$y = 1.4872\text{E-}004 * x + 1.1912\text{E-}005$$

$$R = 0.9992$$

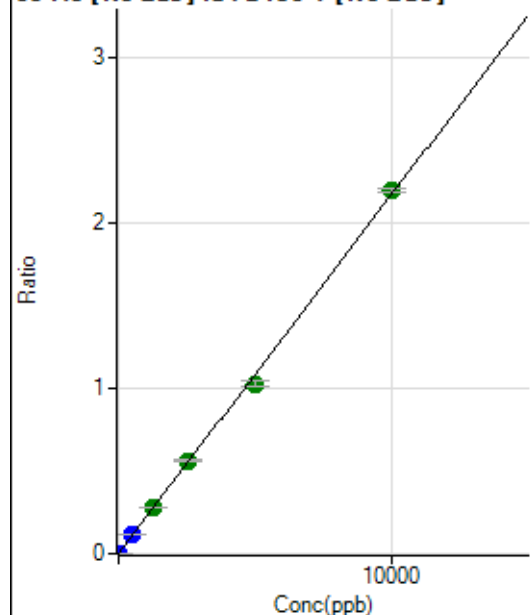
$$DL = 0.04016$$

$$BEC = 0.08009$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	62.3
2	☐	5.000	4.826	11714.77	0.0011	P	3.5
3	☐	500.000	517.153	1232693.74	0.1123	P	0.1
4	☐	1250.000	1296.010	3054036.10	0.2813	A	1.5
5	☐	2500.000	2592.565	5833840.19	0.5627	A	1.6
6	☐	5000.000	4733.546	11478293.72	1.0275	A	4.2
7	☐	10000.000	10103.477	22948960.49	2.1930	A	1.0
8	☐			5220.99	0.0006	P	10.0

$$y = 2.1706\text{E-}004 * x + 4.8135\text{E-}006$$

$$R = 0.9994$$

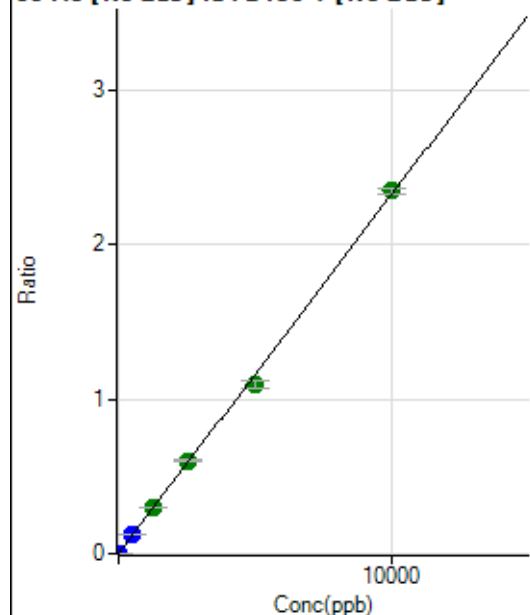
$$DL = 0.04145$$

$$BEC = 0.02218$$

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	67.78	0.0000	P	11.8
2	☐	5.000	4.932	12807.90	0.0012	P	1.2
3	☐	500.000	519.774	1324499.72	0.1206	P	0.2
4	☐	1250.000	1289.275	3248022.28	0.2992	A	1.3
5	☐	2500.000	2596.971	6247791.23	0.6026	A	1.5
6	☐	5000.000	4731.743	12265152.46	1.0980	A	4.5
7	☐	10000.000	10103.988	24534922.14	2.3446	A	1.4
8	☐			16147.95	0.0017	P	5.0

$$y = 2.3205\text{E-}004 * x + 6.1062\text{E-}006$$

$$R = 0.9994$$

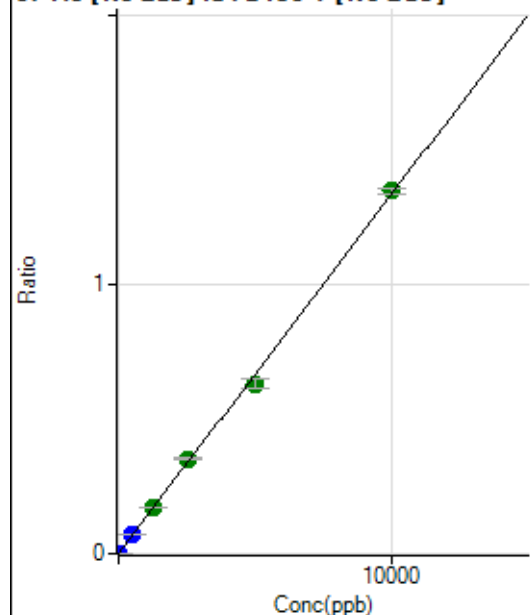
$$DL = 0.009297$$

$$BEC = 0.02631$$

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	17.78	0.0000	P	21.1
2	☐	5.000	4.795	7139.59	0.0006	P	1.5
3	☐	500.000	519.629	761301.39	0.0693	P	0.3
4	☐	1250.000	1291.527	1870681.17	0.1723	A	1.2
5	☐	2500.000	2626.267	3632358.52	0.3504	A	2.0
6	☐	5000.000	4730.934	7048051.21	0.6312	A	5.9
7	☐	10000.000	10096.794	14096468.96	1.3471	A	1.6
8	☐			3331.52	0.0004	P	3.6

$$y = 1.3342\text{E-}004 * x + 1.5994\text{E-}006$$

$$R = 0.9994$$

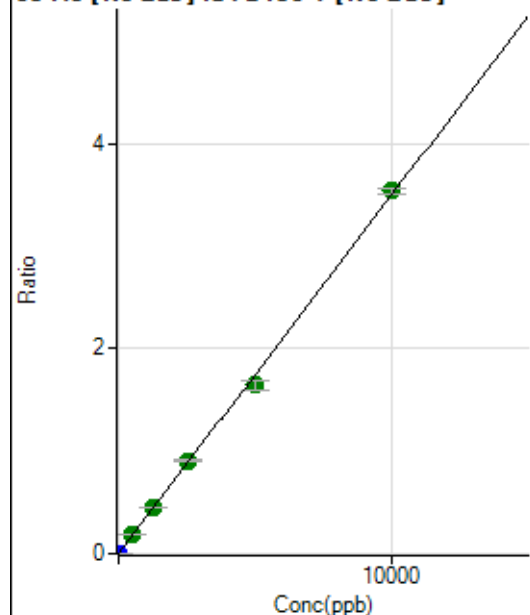
$$DL = 0.007575$$

$$BEC = 0.01199$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.33	0.0000	P	73.1
2	☐	5.000	4.866	18969.07	0.0017	P	2.3
3	☐	500.000	513.935	1974001.45	0.1798	A	0.2
4	☐	1250.000	1281.257	4865247.25	0.4482	A	1.9
5	☐	2500.000	2586.071	9377114.30	0.9045	A	1.7
6	☐	5000.000	4710.950	18401675.28	1.6478	A	5.5
7	☐	10000.000	10118.404	37037243.89	3.5392	A	1.3
8	☐			8203.48	0.0009	P	5.9

$$y = 3.4977\text{E-}004 * x + 2.0900\text{E-}006$$

$$R = 0.9993$$

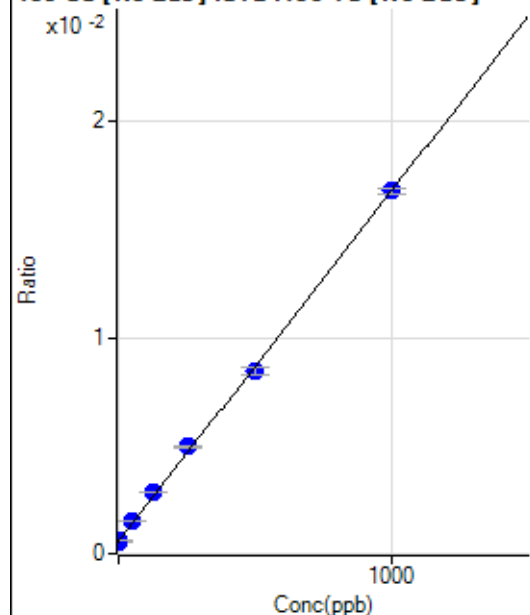
$$DL = 0.0131$$

$$BEC = 0.005975$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4485.19	0.0006	P	3.1
2	☐	1.000	2.879	4870.86	0.0006	P	3.6
3	☐	50.000	59.411	11859.38	0.0015	P	2.1
4	☐	125.000	139.514	21857.61	0.0028	P	1.7
5	☐	250.000	269.878	37217.55	0.0049	P	1.2
6	☐	500.000	484.732	67662.18	0.0084	P	4.2
7	☐	1000.000	1000.378	127454.32	0.0168	P	1.5
8	☐			4258.45	0.0006	P	1.5

$$y = 1.6193\text{E-}005 * x + 5.7355\text{E-}004$$

$$R = 0.9995$$

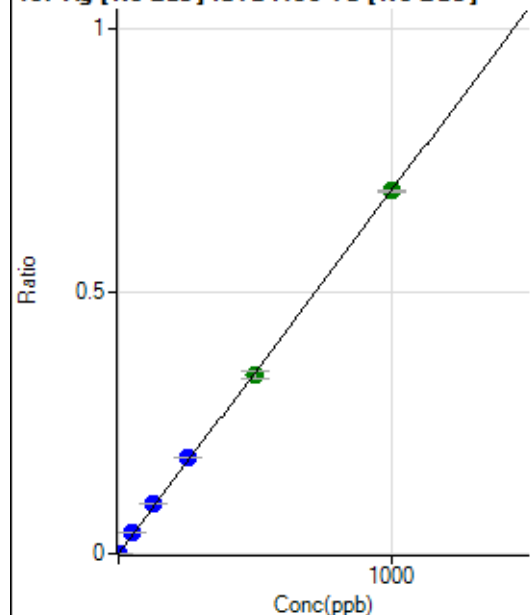
$$DL = 3.343$$

$$BEC = 35.42$$

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	70.00	0.0000	P	16.0
2	☐	1.000	1.075	5917.92	0.0008	P	0.3
3	☐	50.000	55.824	298711.43	0.0387	P	0.4
4	☐	125.000	136.836	731379.23	0.0948	P	0.5
5	☐	250.000	265.972	1386770.28	0.1842	P	0.8
6	☐	500.000	490.321	2727913.36	0.3396	A	4.4
7	☐	1000.000	999.076	5258365.93	0.6919	A	0.5
8	☐			3814.98	0.0006	P	56.6

$$y = 6.9257E-004 * x + 8.9378E-006$$

$$R = 0.9997$$

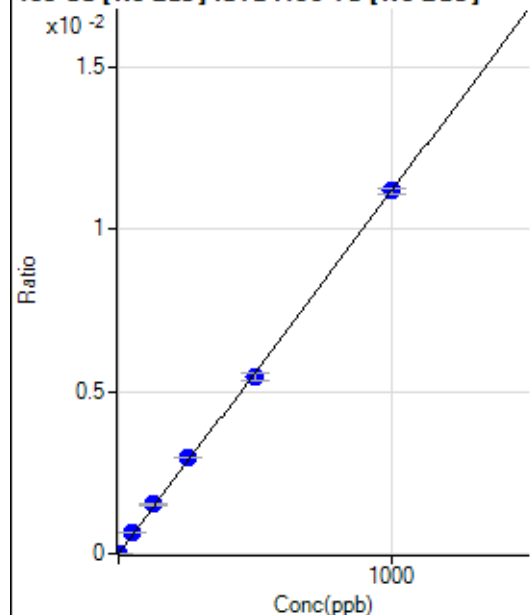
$$DL = 0.006179$$

$$BEC = 0.01291$$

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	10.00	0.0000	P	57.4
2	☐	1.000	0.975	95.56	0.0000	P	28.0
3	☐	50.000	56.301	4866.42	0.0006	P	2.1
4	☐	125.000	135.638	11700.34	0.0015	P	1.7
5	☐	250.000	266.775	22440.79	0.0030	P	0.4
6	☐	500.000	487.983	43795.85	0.0055	P	4.0
7	☐	1000.000	1000.170	84899.69	0.0112	P	1.6
8	☐			56.67	0.0000	P	30.6

$$y = 1.1169E-005 * x + 1.2744E-006$$

$$R = 0.9997$$

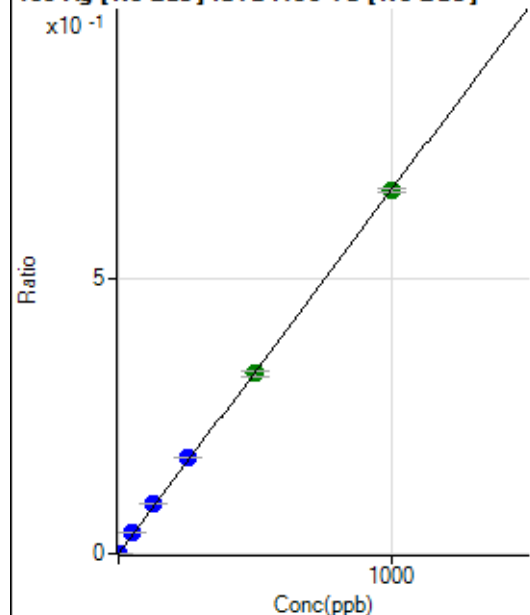
$$DL = 0.1966$$

$$BEC = 0.1141$$

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	14.45	0.0000	P	26.1
2	☐	1.000	1.087	5653.38	0.0007	P	3.9
3	☐	50.000	55.716	284302.62	0.0368	P	0.3
4	☐	125.000	136.179	694169.17	0.0900	P	0.5
5	☐	250.000	265.519	1320354.75	0.1754	P	0.5
6	☐	500.000	494.803	2625989.49	0.3268	A	3.6
7	☐	1000.000	997.036	5004845.93	0.6586	A	1.0
8	☐			2257.98	0.0003	P	6.4

$$y = 6.6055\text{E-}004 * x + 1.8447\text{E-}006$$

$$R = 0.9998$$

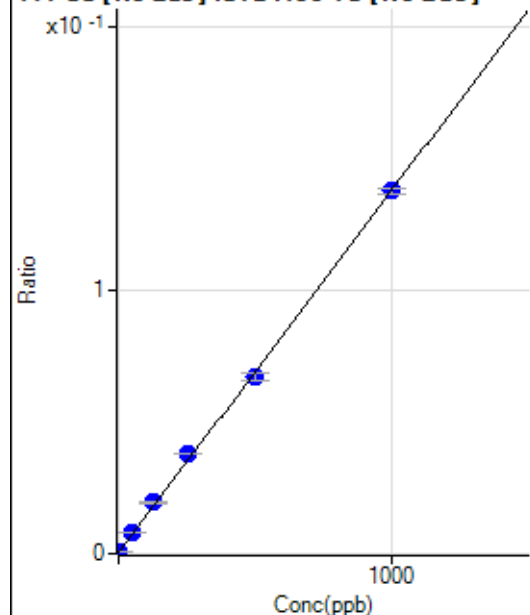
$$DL = 0.002186$$

$$BEC = 0.002793$$

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	3138.19	0.0004	P	3.2
2	☐	1.000	1.304	4556.11	0.0006	P	4.5
3	☐	50.000	56.083	62504.71	0.0081	P	0.3
4	☐	125.000	138.094	149224.13	0.0193	P	0.6
5	☐	250.000	271.850	283651.02	0.0377	P	0.7
6	☐	500.000	485.916	538387.30	0.0670	P	5.0
7	☐	1000.000	999.638	1044738.19	0.1375	P	1.3
8	☐			3290.15	0.0005	P	1.3

$$y = 1.3713\text{E-}004 * x + 4.0131\text{E-}004$$

$$R = 0.9995$$

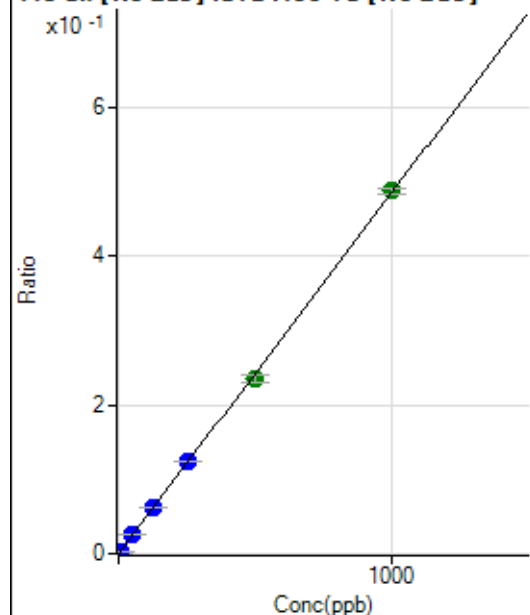
$$DL = 0.2829$$

$$BEC = 2.927$$

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	586.69	0.0001	P	19.1
2	☐	5.000	5.000	19630.16	0.0025	P	0.9
3	☐	50.000	51.767	194479.98	0.0252	P	0.3
4	☐	125.000	129.486	485117.23	0.0629	P	0.8
5	☐	250.000	255.879	934653.80	0.1242	P	0.8
6	☐	500.000	483.308	1883312.92	0.2344	A	4.1
7	☐	1000.000	1006.227	3708417.27	0.4880	A	1.8
8	☐			2297.98	0.0003	P	5.7

$$y = 4.8491\text{E-}004 * x + 7.4851\text{E-}005$$

$$R = 0.9998$$

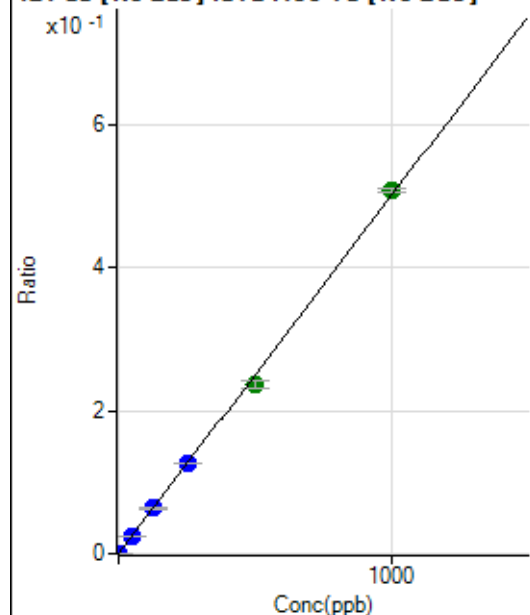
$$DL = 0.0886$$

$$BEC = 0.1544$$

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	32.22	0.0000	P	29.9
2	☐	2.000	1.939	7658.76	0.0010	P	2.0
3	☐	50.000	50.613	195766.92	0.0253	P	0.7
4	☐	125.000	126.411	488445.63	0.0633	P	1.1
5	☐	250.000	250.953	945918.36	0.1257	P	1.0
6	☐	500.000	473.713	1905227.25	0.2372	A	4.4
7	☐	1000.000	1012.698	3853102.93	0.5070	A	1.1
8	☐			2179.07	0.0003	P	5.5

$$y = 5.0068\text{E-}004 * x + 4.1063\text{E-}006$$

$$R = 0.9995$$

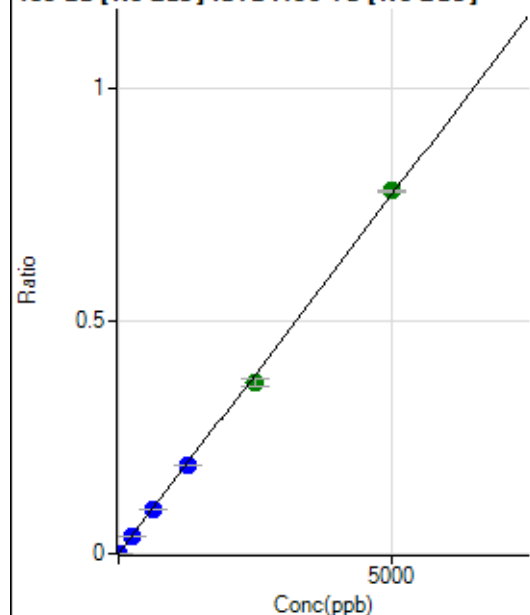
$$DL = 0.007352$$

$$BEC = 0.008201$$

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	8.89	0.0000	P	57.7
2	☐	10.000	9.789	11839.46	0.0015	P	1.8
3	☐	250.000	250.243	297428.22	0.0385	P	1.0
4	☐	625.000	622.260	738858.98	0.0957	P	0.6
5	☐	1250.000	1237.945	1433978.44	0.1905	P	0.8
6	☐	2500.000	2387.406	2950812.87	0.3673	A	4.5
7	☐	5000.000	5059.642	5916396.44	0.7785	A	0.5
8	☐			3480.46	0.0005	P	3.8

$$y = 1.5387E-004 * x + 1.1353E-006$$

$$R = 0.9996$$

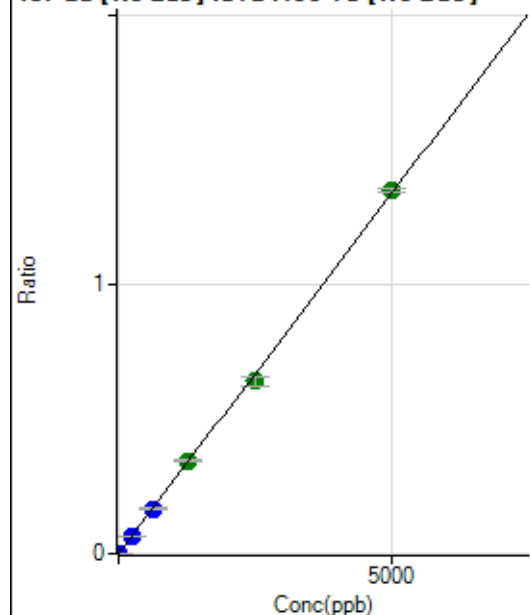
$$DL = 0.01276$$

$$BEC = 0.007378$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	45.6
2	☐	10.000	9.709	20381.34	0.0026	P	1.3
3	☐	250.000	252.007	519804.57	0.0673	P	0.8
4	☐	625.000	625.774	1289546.57	0.1671	P	0.7
5	☐	1250.000	1295.264	2603839.41	0.3459	A	1.0
6	☐	2500.000	2398.818	5144388.88	0.6406	A	5.4
7	☐	5000.000	5039.079	10226144.92	1.3456	A	1.1
8	☐			6040.23	0.0009	P	1.8

$$y = 2.6703E-004 * x + 2.2626E-006$$

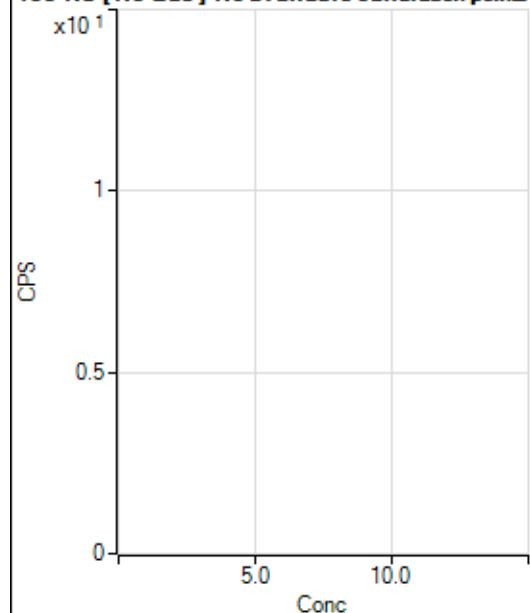
$$R = 0.9997$$

$$DL = 0.01158$$

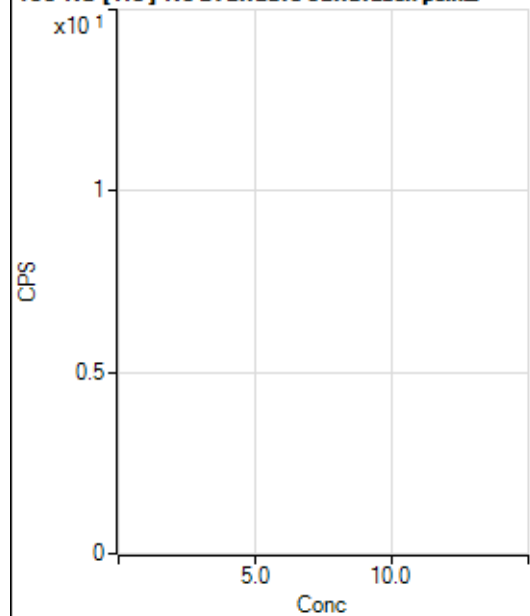
$$BEC = 0.008473$$

Weight: <None>

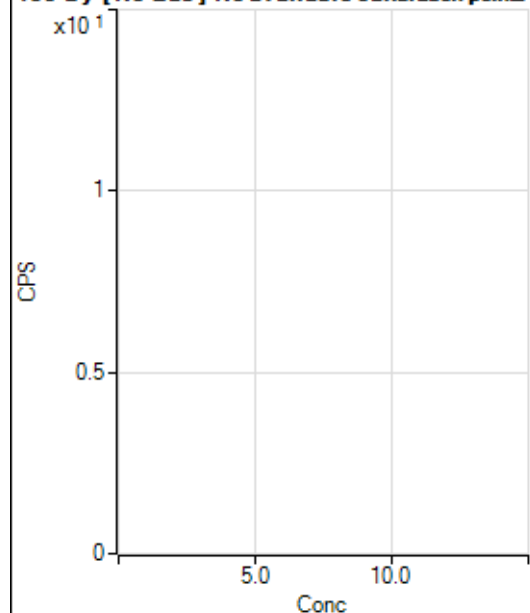
Min Conc: 0

150 Nd [No Gas] No available calibration points

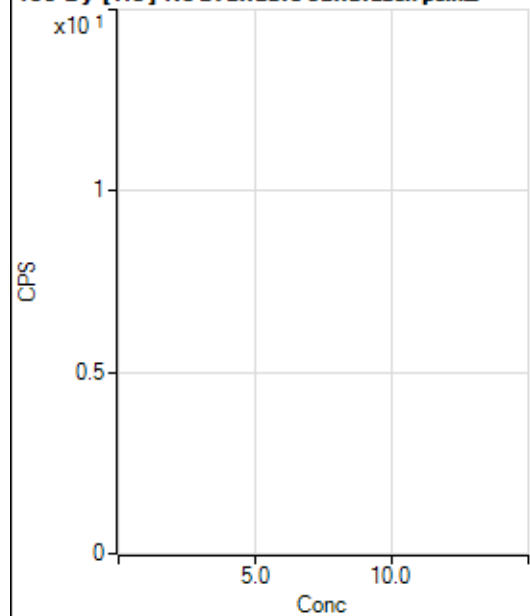
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			10.00		P	88.2
3	☐			72.22		P	18.7
4	☐			127.78		P	6.6
5	☐			305.56		P	2.5
6	☐			602.24		P	8.9
7	☐			1153.39		P	5.8
8	☐			36.67		P	15.7

150 Nd [He] No available calibration points

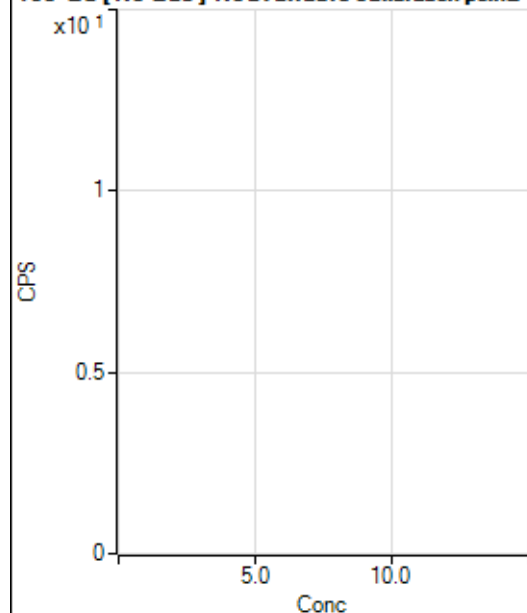
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			23.33		P	14.3
4	☐			43.33		P	26.6
5	☐			40.00		P	38.2
6	☐			102.22		P	16.4
7	☐			206.67		P	16.4
8	☐			12.22		P	31.5

156 Dy [No Gas] No available calibration points

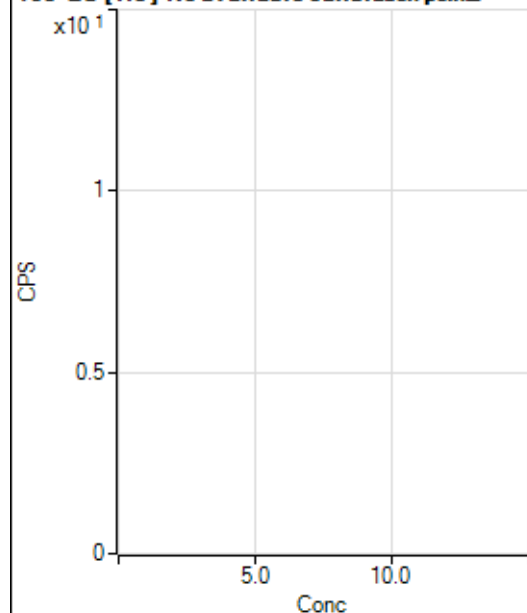
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			4.44		P	114.
3	☐			27.78		P	18.3
4	☐			51.11		P	35.9
5	☐			118.89		P	18.2
6	☐			206.67		P	15.6
7	☐			356.67		P	15.0
8	☐			928.93		P	5.7

156 Dy [He] No available calibration points

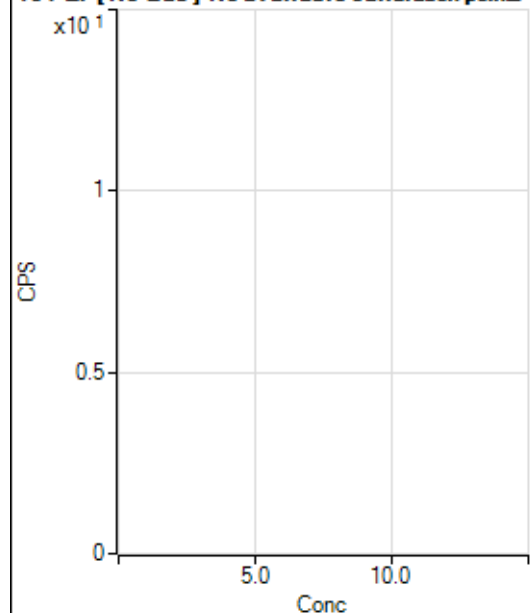
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			3.33		P	100.
3	☐			11.11		P	17.3
4	☐			28.89		P	29.0
5	☐			77.78		P	17.8
6	☐			155.56		P	10.1
7	☐			341.12		P	7.6
8	☐			586.69		P	1.7

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

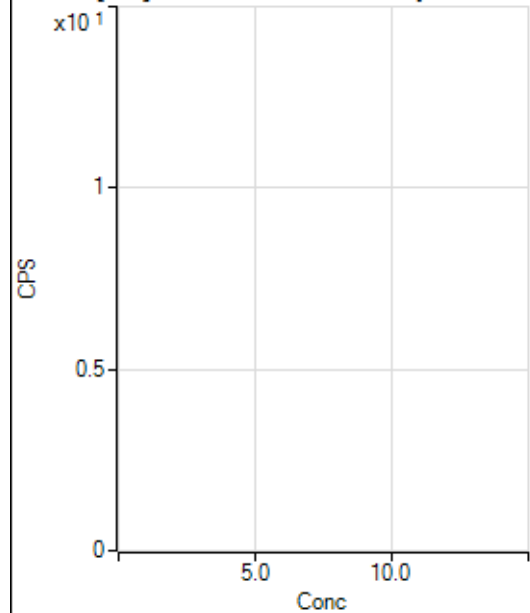
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	17.3
2	☐			37.78		P	22.2
3	☐			41.11		P	41.6
4	☐			57.78		P	29.6
5	☐			112.23		P	19.8
6	☐			142.22		P	4.9
7	☐			297.78		P	7.3
8	☐			1054.50		P	2.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			191.11		P	4.4
2	☐			213.34		P	13.9
3	☐			211.11		P	12.3
4	☐			207.78		P	4.9
5	☐			210.00		P	8.8
6	☐			242.23		P	16.3
7	☐			316.67		P	14.2
8	☐			807.81		P	10.1

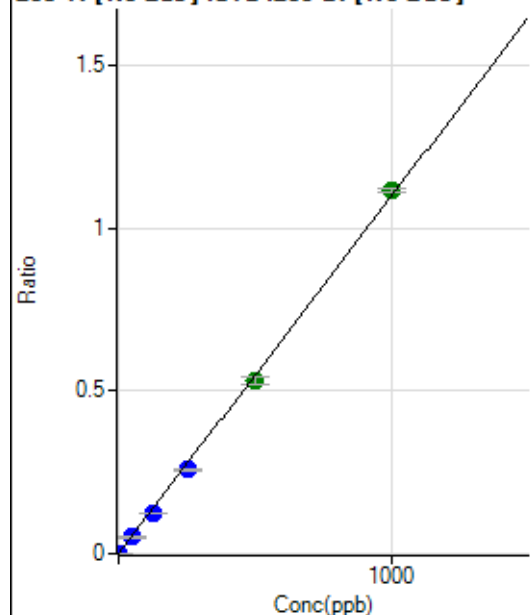
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	16.5
2	☐			61.11		P	19.2
3	☐			40.00		P	16.7
4	☐			66.67		P	13.2
5	☐			60.00		P	29.4
6	☐			62.22		P	24.2
7	☐			81.11		P	15.6
8	☐			94.44		P	17.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	50.6
2	☐			35.55		P	44.3
3	☐			42.22		P	36.5
4	☐			31.11		P	43.3
5	☐			40.00		P	28.9
6	☐			45.56		P	18.4
7	☐			48.89		P	25.8
8	☐			51.11		P	22.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	78.89	0.0000	P	24.0
2	☐	1.000	0.887	5165.47	0.0010	P	2.6
3	☐	50.000	45.891	257873.41	0.0505	P	1.1
4	☐	125.000	114.490	642397.79	0.1260	P	0.4
5	☐	250.000	234.067	1254691.76	0.2575	P	0.8
6	☐	500.000	481.577	2729393.19	0.5298	A	4.4
7	☐	1000.000	1014.714	5367190.61	1.1162	A	1.2
8	☐			1023.38	0.0003	P	7.4

$$y = 0.0011 * x + 1.5184E-005$$

$$R = 0.9996$$

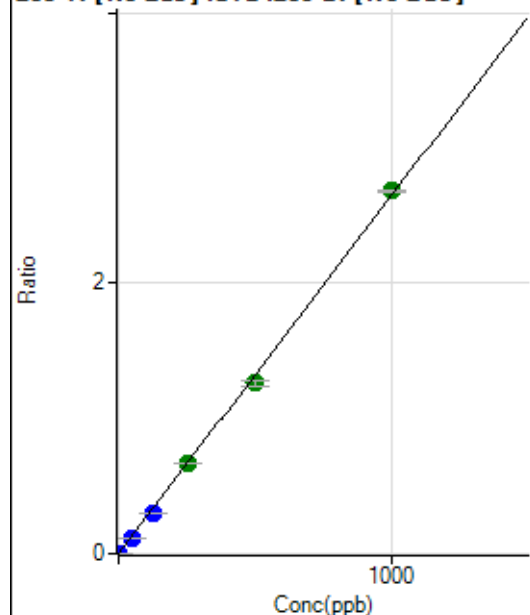
$$DL = 0.009935$$

$$BEC = 0.0138$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	226.67	0.0000	P	8.1
2	☐	1.000	0.867	12213.34	0.0023	P	1.4
3	☐	50.000	45.312	613737.93	0.1202	P	1.3
4	☐	125.000	113.074	1529307.70	0.2998	P	0.2
5	☐	250.000	252.935	3267904.26	0.6707	A	1.2
6	☐	500.000	476.268	6507037.40	1.2628	A	3.8
7	☐	1000.000	1012.858	12913525.50	2.6855	A	0.2
8	☐			2463.58	0.0006	P	8.3

$$y = 0.0027 * x + 4.3549E-005$$

$$R = 0.9995$$

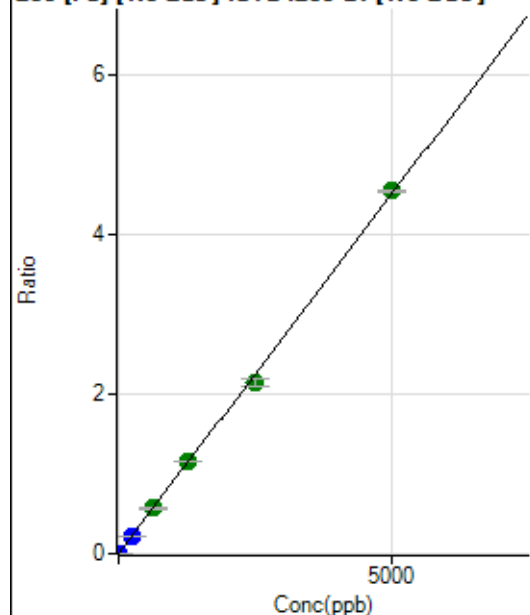
$$DL = 0.003971$$

$$BEC = 0.01642$$

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	222.23	0.0000	P	14.5
2	☐	1.000	0.844	4191.80	0.0008	P	3.3
3	☐	250.000	229.423	1056689.58	0.2069	P	1.1
4	☐	625.000	631.401	2903754.16	0.5694	A	1.2
5	☐	1250.000	1289.435	5665472.70	1.1627	A	1.3
6	☐	2500.000	2383.098	11072764.28	2.1489	A	3.9
7	☐	5000.000	5048.821	21890926.90	4.5526	A	0.7
8	☐			4877.59	0.0012	P	1.2

$$y = 9.0172\text{E-}004 * x + 4.2670\text{E-}005$$

$$R = 0.9996$$

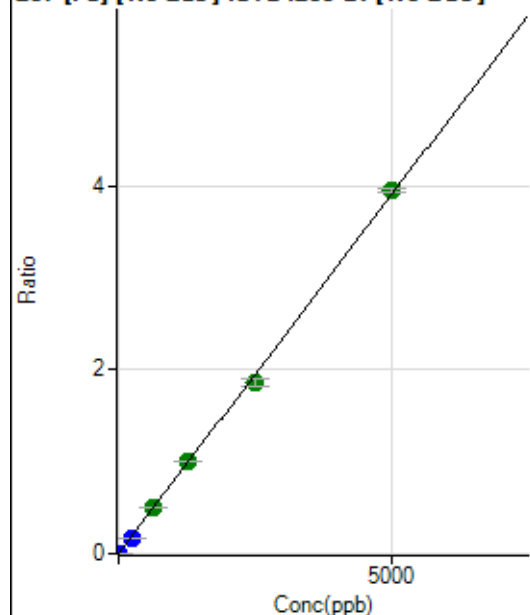
$$DL = 0.02054$$

$$BEC = 0.04732$$

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	185.56	0.0000	P	14.8
2	☐	1.000	0.892	3822.80	0.0007	P	4.0
3	☐	250.000	225.429	899965.06	0.1762	P	1.8
4	☐	625.000	631.472	2517743.31	0.4936	A	0.1
5	☐	1250.000	1277.666	4866809.30	0.9988	A	0.2
6	☐	2500.000	2378.425	9578839.16	1.8592	A	4.4
7	☐	5000.000	5054.291	18997189.86	3.9509	A	1.0
8	☐			4030.64	0.0010	P	4.3

$$y = 7.8168\text{E-}004 * x + 3.5730\text{E-}005$$

$$R = 0.9995$$

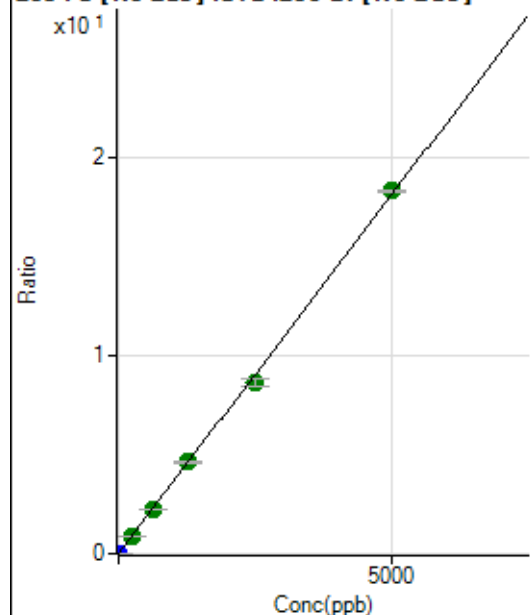
$$DL = 0.02035$$

$$BEC = 0.04571$$

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	832.24	0.0002	P	4.9
2	☐	1.000	0.871	17244.48	0.0033	P	1.9
3	☐	250.000	242.452	4475777.50	0.8764	A	1.1
4	☐	625.000	627.643	11570146.68	2.2686	A	0.6
5	☐	1250.000	1273.248	22423686.27	4.6020	A	0.9
6	☐	2500.000	2375.285	44230876.42	8.5850	A	4.5
7	☐	5000.000	5056.592	87877523.84	18.2759	A	0.8
8	☐			19351.21	0.0049	P	2.0

$$y = 0.0036 * x + 1.6000E-004$$

$$R = 0.9995$$

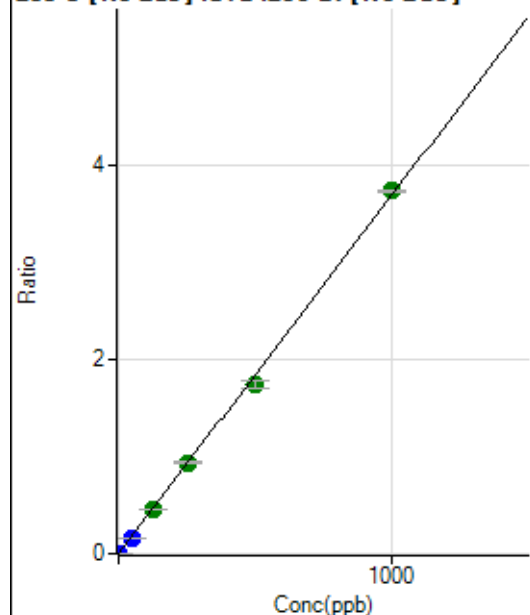
$$DL = 0.006529$$

$$BEC = 0.04427$$

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	3.33	0.0000	P	101.
2	☐	1.000	0.791	15189.04	0.0029	P	0.5
3	☐	50.000	41.618	782177.51	0.1532	P	1.5
4	☐	125.000	122.294	2295466.74	0.4501	A	1.6
5	☐	250.000	254.452	4563542.82	0.9365	A	1.1
6	☐	500.000	473.262	8974414.59	1.7418	A	4.4
7	☐	1000.000	1013.013	17927598.48	3.7284	A	0.7
8	☐			1827.93	0.0005	P	9.8

$$y = 0.0037 * x + 6.4352E-007$$

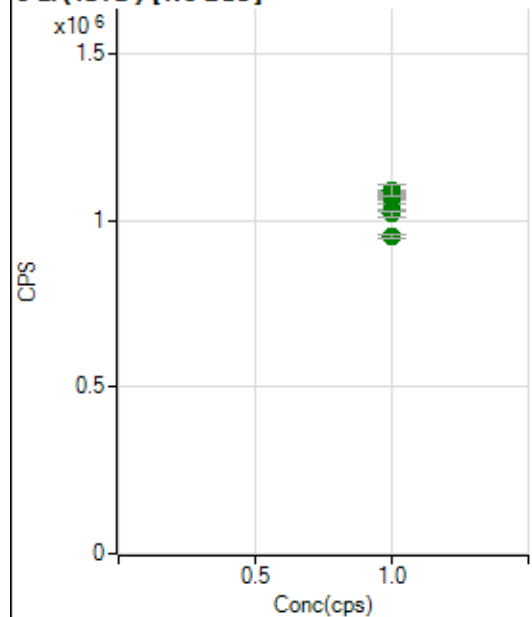
$$R = 0.9995$$

$$DL = 0.0005303$$

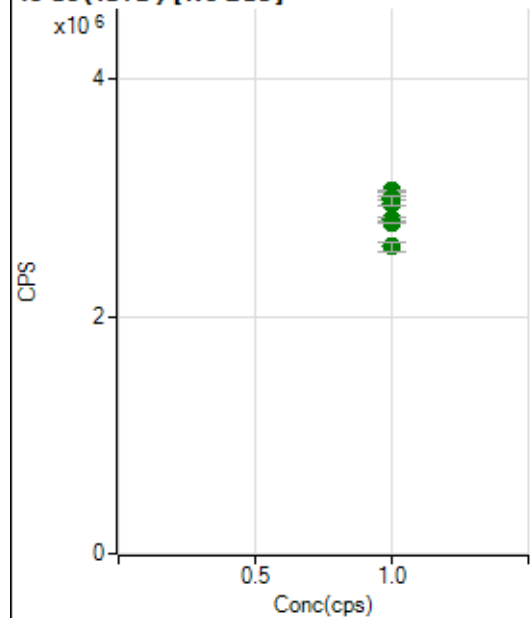
$$BEC = 0.0001748$$

Weight: <None>

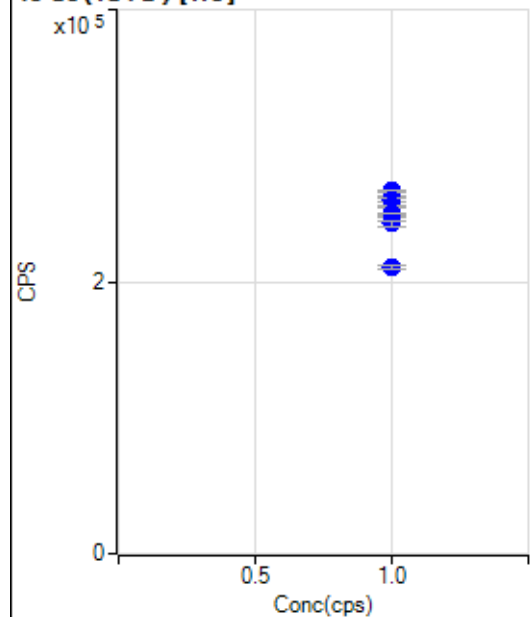
Min Conc: 0

6 Li (ISTD) [No Gas]

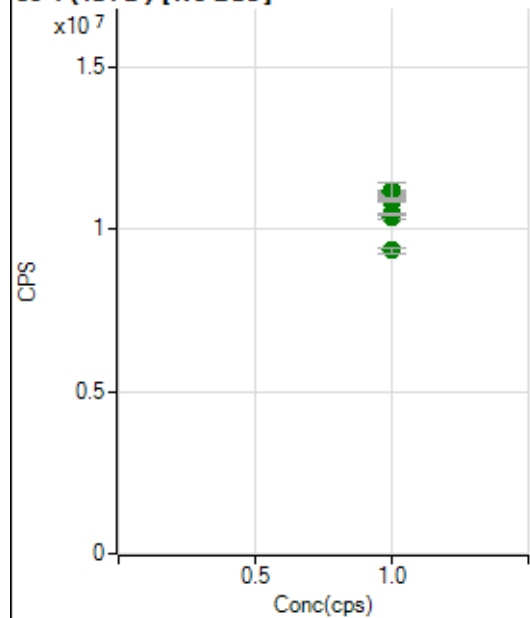
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1086723.82		A	1.0
2	☐	1.000		1073680.43		A	0.9
3	☐	1.000		1070272.64		A	1.8
4	☐	1.000		1049643.86		A	0.2
5	☐	1.000		1029377.28		A	0.5
6	☐	1.000		1087787.09		A	3.0
7	☐	1.000		1019319.55		A	1.5
8	☐	1.000		951732.08		A	1.2

45 Sc (ISTD) [No Gas]

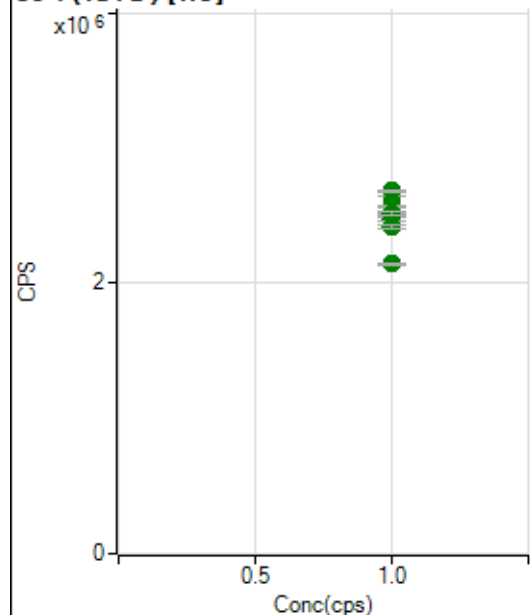
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3054851.07		A	0.1
2	☐	1.000		3060858.46		A	0.4
3	☐	1.000		3000579.54		A	1.2
4	☐	1.000		2954856.56		A	1.7
5	☐	1.000		2823064.19		A	1.5
6	☐	1.000		2982281.90		A	2.7
7	☐	1.000		2790803.99		A	0.4
8	☐	1.000		2590539.23		A	2.8

45 Sc (ISTD) [He]

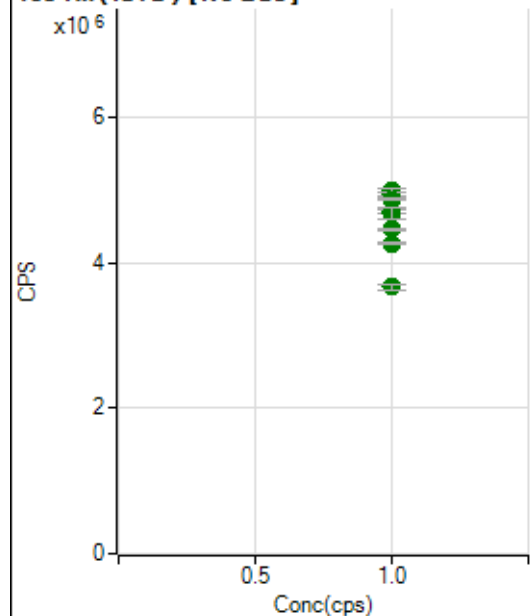
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		262740.75		P	0.4
2	☐	1.000		267042.37		P	0.2
3	☐	1.000		260507.33		P	0.6
4	☐	1.000		255787.22		P	0.7
5	☐	1.000		248642.04		P	0.5
6	☐	1.000		250498.93		P	0.4
7	☐	1.000		242896.74		P	1.4
8	☐	1.000		210341.99		P	1.3

89 Y (ISTD) [No Gas]

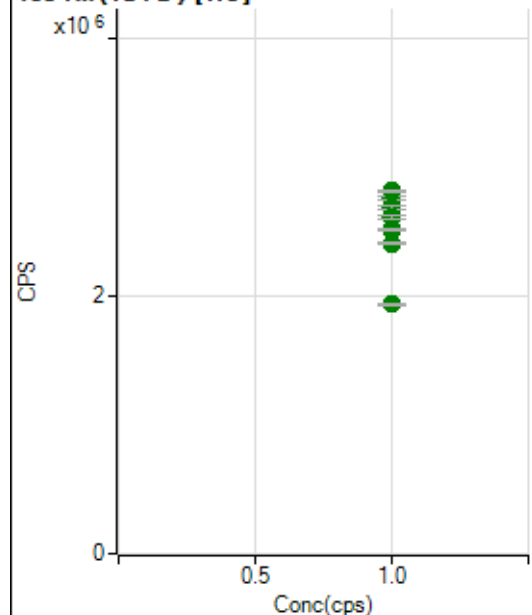
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11103487.61		A	1.1
2	☐	1.000		11132842.06		A	0.8
3	☐	1.000		10981043.45		A	1.1
4	☐	1.000		10856751.37		A	0.4
5	☐	1.000		10368414.15		A	1.6
6	☐	1.000		11184231.50		A	4.1
7	☐	1.000		10464938.31		A	0.8
8	☐	1.000		9339230.83		A	2.0

89 Y (ISTD) [He]

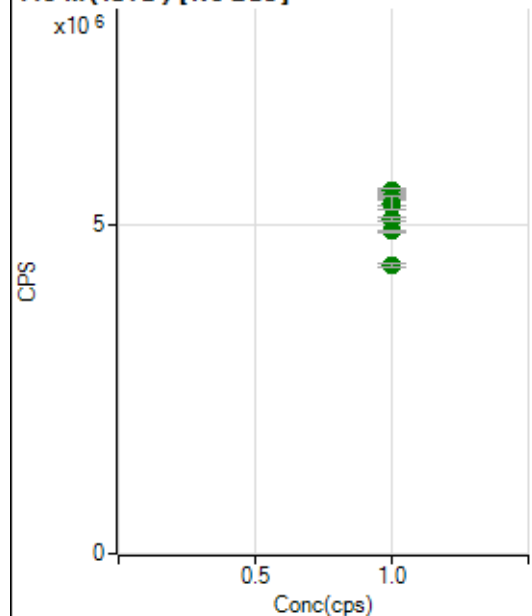
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2644021.38		A	0.3
2	☐	1.000		2683320.01		A	0.8
3	☐	1.000		2572183.87		A	0.7
4	☐	1.000		2505758.64		A	0.6
5	☐	1.000		2471491.87		A	0.9
6	☐	1.000		2519876.18		A	0.8
7	☐	1.000		2421488.18		A	1.2
8	☐	1.000		2142545.30		A	0.7

103 Rh (ISTD) [No Gas]

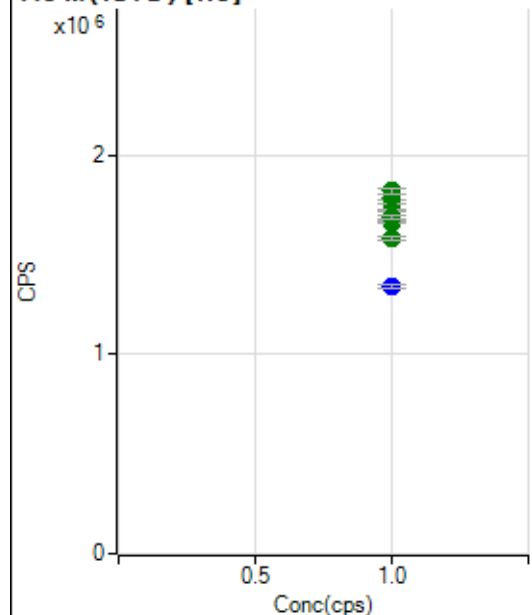
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4953240.00		A	1.0
2	☐	1.000		4989938.30		A	1.0
3	☐	1.000		4873948.26		A	0.7
4	☐	1.000		4702896.25		A	1.1
5	☐	1.000		4466746.36		A	0.6
6	☐	1.000		4679596.49		A	3.1
7	☐	1.000		4269534.76		A	0.6
8	☐	1.000		3664735.19		A	1.6

103 Rh (ISTD) [He]

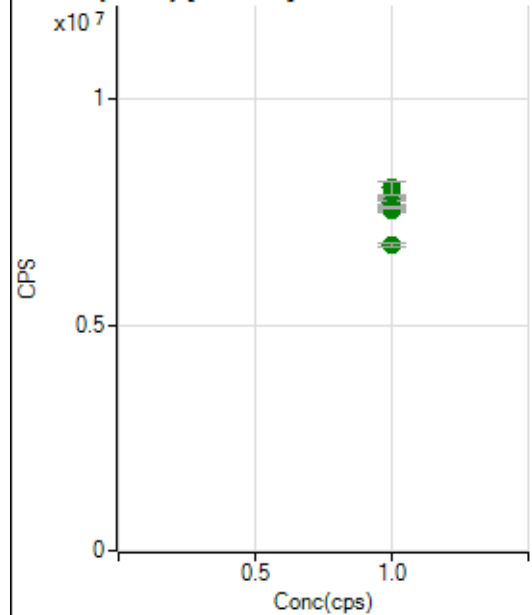
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2760132.56		A	1.3
2	☐	1.000		2818247.46		A	0.5
3	☐	1.000		2688595.72		A	0.7
4	☐	1.000		2618831.00		A	1.1
5	☐	1.000		2521859.81		A	0.5
6	☐	1.000		2511116.40		A	0.7
7	☐	1.000		2412302.95		A	0.9
8	☐	1.000		1935772.61		A	0.2

115 In (ISTD) [No Gas]

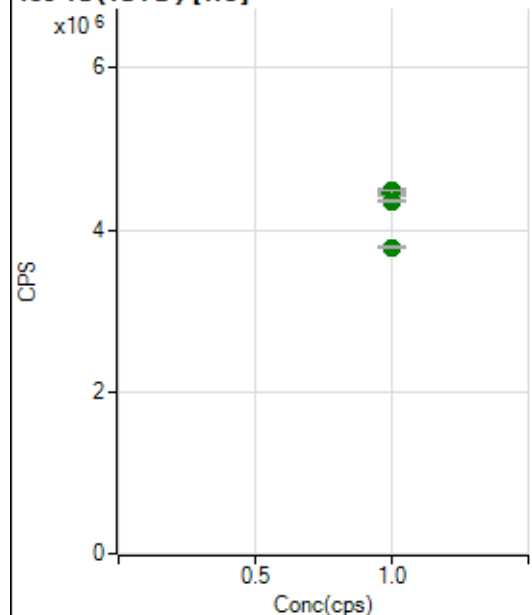
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5485691.12		A	0.8
2	☐	1.000		5506311.40		A	1.0
3	☐	1.000		5394739.36		A	0.7
4	☐	1.000		5283048.70		A	0.4
5	☐	1.000		5088125.93		A	1.1
6	☐	1.000		5321742.25		A	3.7
7	☐	1.000		4890434.35		A	0.5
8	☐	1.000		4387963.02		A	1.2

115 In (ISTD) [He]

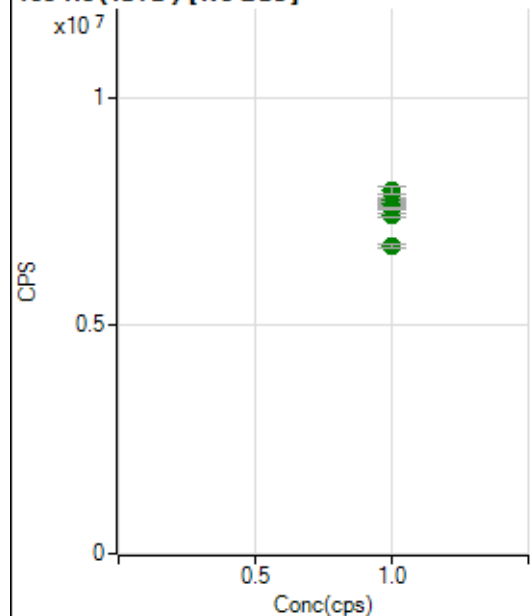
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1790272.18		A	1.2
2	☐	1.000		1821287.55		A	1.4
3	☐	1.000		1758830.66		A	0.2
4	☐	1.000		1721881.91		A	0.8
5	☐	1.000		1664611.79		A	0.4
6	☐	1.000		1686790.34		A	0.9
7	☐	1.000		1586946.61		A	1.2
8	☐	1.000		1342394.30		P	1.3

159 Tb (ISTD) [No Gas]

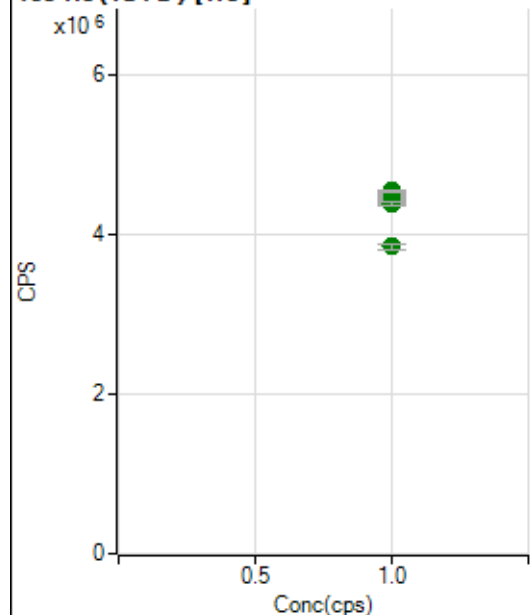
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7821922.32		A	1.7
2	☐	1.000		7854149.88		A	0.4
3	☐	1.000		7724701.20		A	1.6
4	☐	1.000		7716915.10		A	0.8
5	☐	1.000		7528168.57		A	0.6
6	☐	1.000		8041406.55		A	3.6
7	☐	1.000		7599690.30		A	0.9
8	☐	1.000		6786890.31		A	1.5

159 Tb (ISTD) [He]

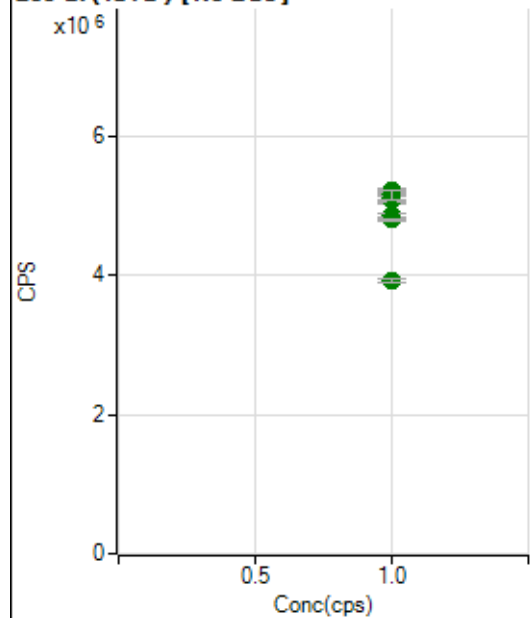
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4476017.36		A	0.2
2	☐	1.000		4480373.62		A	1.3
3	☐	1.000		4462591.85		A	1.1
4	☐	1.000		4435640.59		A	1.3
5	☐	1.000		4363455.52		A	0.6
6	☐	1.000		4454987.12		A	1.4
7	☐	1.000		4356858.54		A	1.0
8	☐	1.000		3779565.88		A	0.6

165 Ho (ISTD) [No Gas]

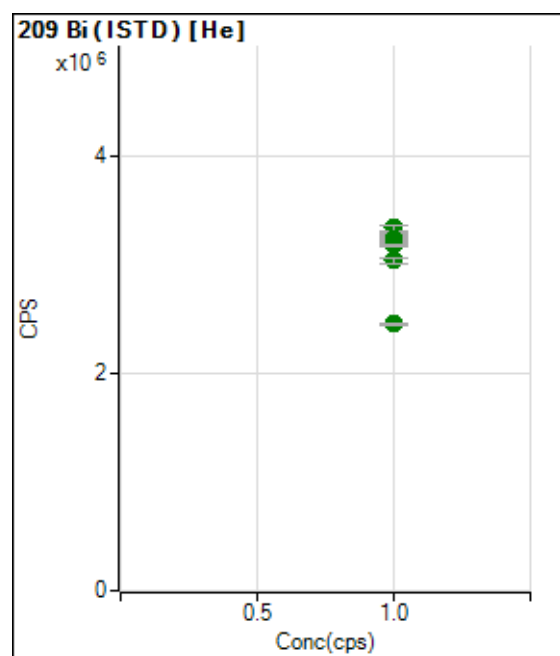
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7778892.11		A	0.8
2	☐	1.000		7781700.79		A	0.3
3	☐	1.000		7742246.69		A	1.5
4	☐	1.000		7682217.38		A	1.2
5	☐	1.000		7399589.27		A	1.0
6	☐	1.000		7945445.65		A	2.3
7	☐	1.000		7561103.77		A	0.6
8	☐	1.000		6755298.16		A	1.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4436519.20		A	1.5
2	☐	1.000		4526204.24		A	0.7
3	☐	1.000		4431759.83		A	1.2
4	☐	1.000		4401411.53		A	0.6
5	☐	1.000		4399422.64		A	0.9
6	☐	1.000		4539529.31		A	0.8
7	☐	1.000		4377474.79		A	1.4
8	☐	1.000		3838678.14		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5200634.26		A	1.6
2	☐	1.000		5215771.56		A	0.4
3	☐	1.000		5107805.83		A	2.7
4	☐	1.000		5100334.33		A	1.4
5	☐	1.000		4872921.59		A	1.1
6	☐	1.000		5156582.25		A	2.9
7	☐	1.000		4808522.36		A	0.5
8	☐	1.000		3927522.65		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3285319.88		A	0.4
2	☐	1.000		3339431.03		A	1.7
3	☐	1.000		3243536.31		A	0.6
4	☐	1.000		3226158.25		A	0.5
5	☐	1.000		3197049.22		A	0.8
6	☐	1.000		3183410.41		A	0.6
7	☐	1.000		3035589.78		A	2.2
8	☐	1.000		2453059.32		A	0.7