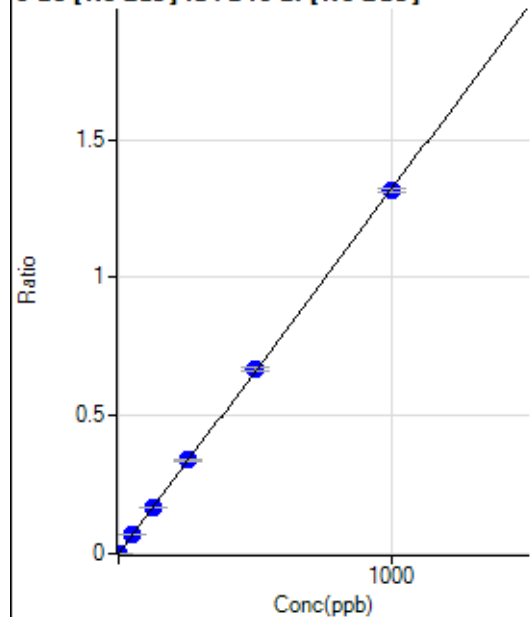


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7092425 MS.b\
 Analysis File: P7092425 MS.batch.bin
 DA Date-Time: 2025-09-24 15:27:58
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-09-24 12:29:14
2	005CALS.d	S02	2025-09-24 12:32:29
3	006CALS.d	S03	2025-09-24 12:35:45
4	007CALS.d	S04	2025-09-24 12:38:53
5	008CALS.d	S05	2025-09-24 12:41:54
6	009CALS.d	S06	2025-09-24 12:44:47
7	010CALS.d	S07	2025-09-24 12:47:33
8	011CALS.d	S08	2025-09-24 12:50:17

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	31.0
2	☐	1.000	1.116	921.15	0.0015	P	8.9
3	☐	50.000	52.129	42382.20	0.0688	P	0.8
4	☐	125.000	128.249	103050.76	0.1693	P	0.5
5	☐	250.000	256.441	202861.59	0.3384	P	0.9
6	☐	500.000	505.162	383041.24	0.6666	P	1.8
7	☐	1000.000	995.296	693192.17	1.3134	P	1.1
8	☐			117.78	0.0002	P	14.5

$$y = 0.0013 * x + 2.5128E-005$$

$$R = 1.0000$$

$$DL = 0.01772$$

$$BEC = 0.01904$$

Weight: <None>

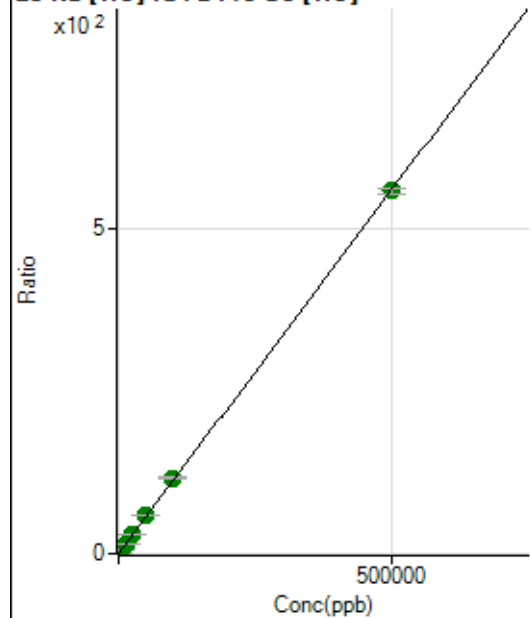
Min Conc: <None>

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	27354.33	0.0776	P	1.0
2	☐	500.000	508.060	224844.90	0.6451	P	1.0
3	☐	5000.000	5078.857	1985447.71	5.7504	A	0.7
4	☐	12500.000	12900.358	4891570.10	14.4866	A	0.8
5	☐	25000.000	26033.676	9650413.47	29.1557	A	0.9
6	☐	50000.000	52805.794	18622406.81	59.0586	A	1.7
7	☐	100000.00	104206.16	34395875.60	116.4698	A	1.5
8	☐	500000.00	498815.69	170007327.4	557.2254	A	1.6

$$y = 0.0011 * x + 0.0776$$

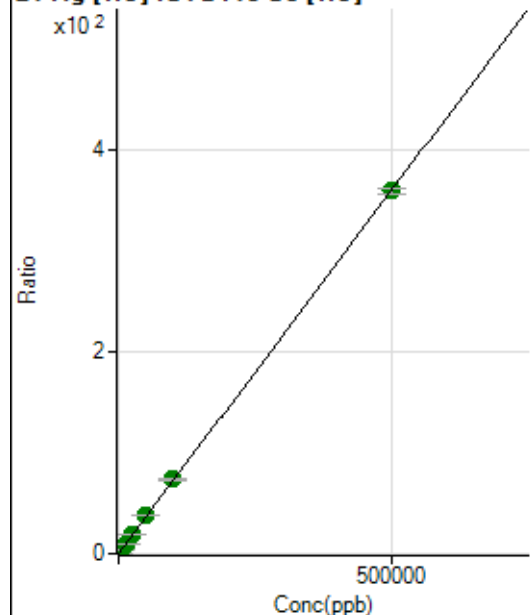
$$R = 1.0000$$

$$DL = 1.993$$

$$BEC = 69.48$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	765.58	0.0022	P	9.7
2	☐	500.000	504.686	127184.81	0.3649	P	0.4
3	☐	5000.000	5107.876	1268352.65	3.6733	A	1.4
4	☐	12500.000	12838.199	3116734.88	9.2292	A	2.2
5	☐	25000.000	25371.244	6036396.51	18.2370	A	1.4
6	☐	50000.000	52065.772	11800036.35	37.4229	A	0.7
7	☐	100000.00	102222.84	21697939.96	73.4718	A	1.9
8	☐	500000.00	499320.75	109490205.0	358.8740	A	1.3

$$y = 7.1872\text{E-}004 * x + 0.0022$$

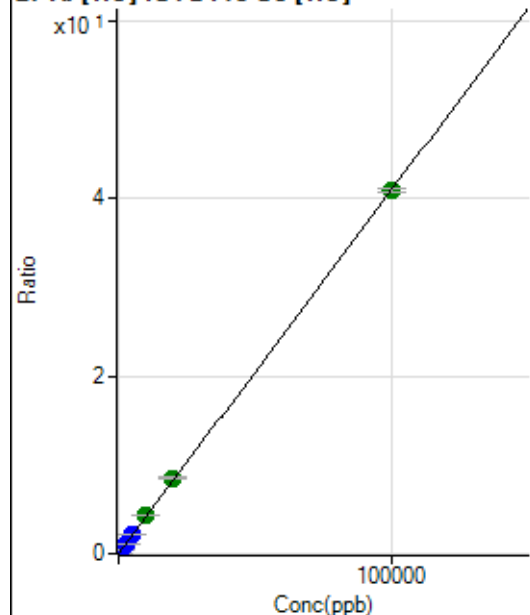
$$R = 1.0000$$

$$DL = 0.8793$$

$$BEC = 3.024$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1370.07	0.0039	P	2.5
2	☐	20.000	19.879	4187.28	0.0120	P	2.1
3	☐	1000.000	1011.918	144200.71	0.4176	P	1.1
4	☐	2500.000	2569.069	356016.25	1.0543	P	0.9
5	☐	5000.000	5133.867	696099.84	2.1030	P	0.3
6	☐	10000.000	10532.304	1359104.01	4.3103	A	0.8
7	☐	20000.000	20874.242	2521504.29	8.5389	A	0.7
8	☐	100000.00	99763.382	12446497.73	40.7947	A	1.0

$$y = 4.0888\text{E-}004 * x + 0.0039$$

$$R = 0.9999$$

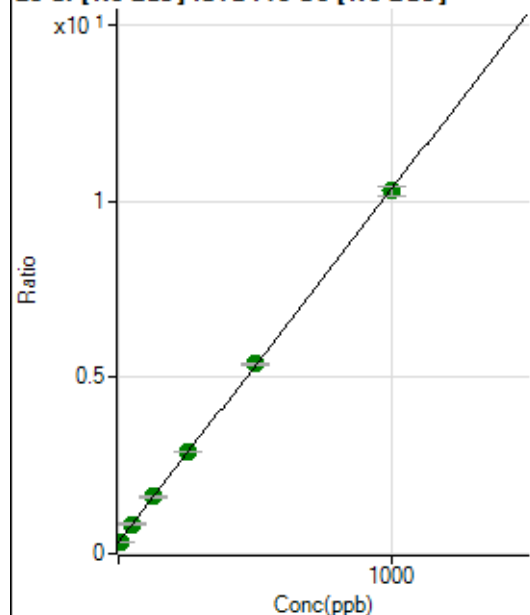
$$DL = 0.7005$$

$$BEC = 9.505$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1251905.50	0.3295	A	2.7
2	☐	10.000	0.678	1245479.19	0.3363	A	0.4
3	☐	50.000	51.397	3108226.86	0.8441	A	0.4
4	☐	125.000	127.903	5831243.39	1.6101	A	1.9
5	☐	250.000	255.209	10104202.70	2.8847	A	1.3
6	☐	500.000	506.126	17903520.29	5.3968	A	1.1
7	☐	1000.000	995.295	31652744.81	10.2943	A	2.5
8	☐			1291129.03	0.4250	A	1.4

$$y = 0.0100 * x + 0.3295$$

$$R = 0.9999$$

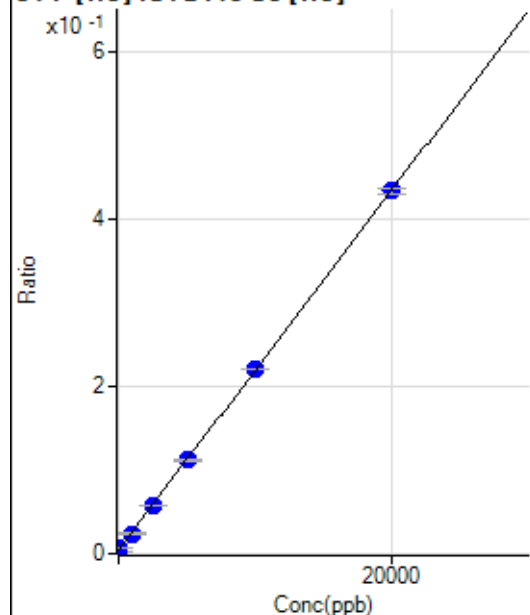
$$DL = 2.657$$

$$BEC = 32.91$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-127.458	704.47	0.0020	P	5.8
2	☐	0.000	127.458	2602.47	0.0075	P	6.3
3	☐	1000.000	891.793	8242.29	0.0239	P	2.2
4	☐	2500.000	2456.012	19392.42	0.0574	P	3.3
5	☐	5000.000	4974.189	36900.07	0.1115	P	1.5
6	☐	10000.000	10069.406	69624.73	0.2208	P	0.5
7	☐	20000.000	19982.659	128001.38	0.4335	P	1.7
8	☐			670.02	0.0022	P	10.2

$$y = 2.1459E-005 * x + 0.0047$$

$$R = 0.9999$$

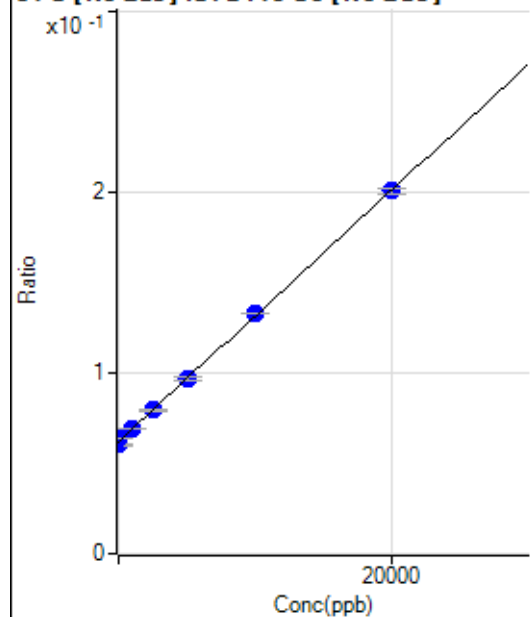
$$DL = 40.87$$

$$BEC = 220.6$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-237.447	229409.45	0.0604	P	2.1
2	☐	0.000	237.447	235820.65	0.0637	P	0.6
3	☐	1000.000	1045.677	255162.58	0.0693	P	0.4
4	☐	2500.000	2490.697	287335.24	0.0793	P	1.6
5	☐	5000.000	5010.076	339138.47	0.0968	P	2.2
6	☐	10000.000	10144.444	439577.05	0.1325	P	0.3
7	☐	20000.000	19924.138	616356.02	0.2004	P	1.8
8	☐			214823.87	0.0707	P	1.0

$$y = 6.9471E-006 * x + 0.0620$$

R = 0.9998

DL = 350.5

BEC = 8929

Weight: <None>

Min Conc: <None>

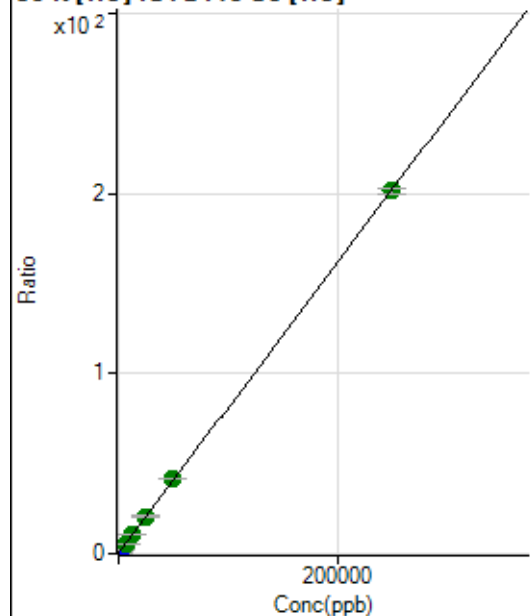
35 Cl [No Gas] No available calibration points



	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	63999.29	0.1816	P	1.1
2	☐	500.000	526.366	211366.46	0.6064	P	0.4
3	☐	2500.000	2638.348	797974.42	2.3112	P	0.5
4	☐	6250.000	6362.159	1795082.98	5.3169	A	2.4
5	☐	12500.000	12675.151	3446760.40	10.4126	A	1.0
6	☐	25000.000	25458.613	6536804.00	20.7311	A	1.3
7	☐	50000.000	51304.372	12280393.85	41.5931	A	1.3
8	☐	250000.00	249680.26	61541136.86	201.7167	A	1.4

$$y = 8.0717\text{E-}004 * x + 0.1816$$

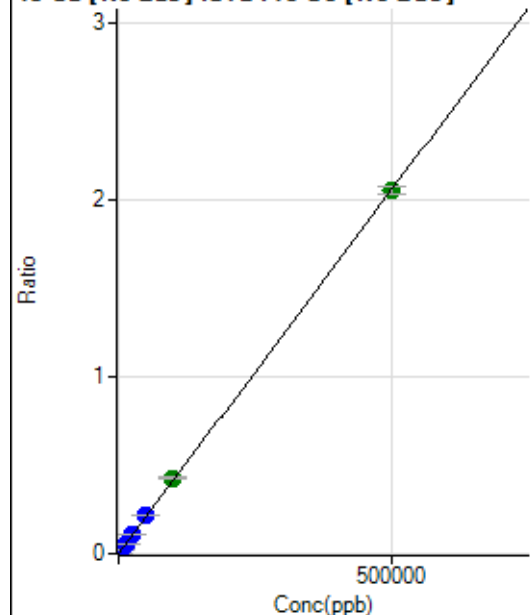
$$R = 1.0000$$

$$DL = 7.395$$

$$BEC = 225$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	301.12	0.0001	P	8.9
2	☐	500.000	529.063	8347.92	0.0023	P	1.8
3	☐	5000.000	5349.287	81270.04	0.0221	P	2.0
4	☐	12500.000	13268.876	197861.22	0.0546	P	1.1
5	☐	25000.000	26679.647	384390.33	0.1098	P	2.3
6	☐	50000.000	53594.416	731178.12	0.2204	P	0.9
7	☐	100000.00	103801.10	1312278.59	0.4268	A	2.7
8	☐	500000.00	498773.61	6227593.10	2.0505	A	2.1

$$y = 4.1110\text{E-}006 * x + 7.9227\text{E-}005$$

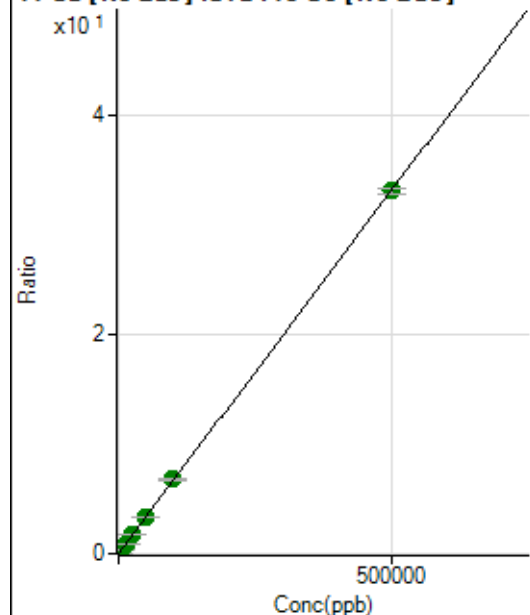
$$R = 1.0000$$

$$DL = 5.147$$

$$BEC = 19.27$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27385.97	0.0072	P	0.7
2	☐	500.000	538.594	158994.85	0.0429	P	2.1
3	☐	5000.000	5188.416	1294072.25	0.3514	A	0.9
4	☐	12500.000	12711.904	3080828.04	0.8506	A	0.9
5	☐	25000.000	25678.932	5991644.49	1.7109	A	2.5
6	☐	50000.000	51158.787	11283502.33	3.4013	A	0.7
7	☐	100000.00	102105.69	20853380.10	6.7814	A	1.8
8	☐	500000.00	499421.81	100657406.2	33.1413	A	1.8

$$y = 6.6345\text{E-}005 * x + 0.0072$$

$$R = 1.0000$$

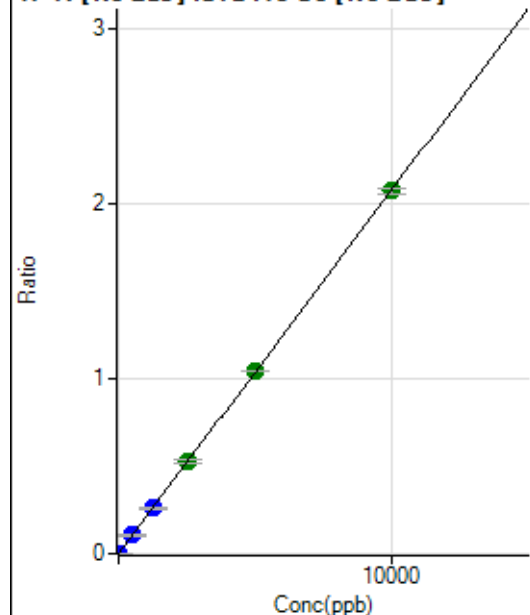
$$DL = 2.281$$

$$BEC = 108.6$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	107.78	0.0000	P	28.1
2	☐	5.000	5.294	4171.72	0.0011	P	3.8
3	☐	500.000	503.068	384432.59	0.1044	P	0.6
4	☐	1250.000	1249.359	938913.50	0.2592	P	1.7
5	☐	2500.000	2521.353	1831740.48	0.5231	A	4.1
6	☐	5000.000	5025.183	3458791.27	1.0426	A	0.6
7	☐	10000.000	9981.996	6368714.35	2.0710	A	1.9
8	☐			638.91	0.0002	P	8.6

$$y = 2.0747E-004 * x + 2.8455E-005$$

$$R = 1.0000$$

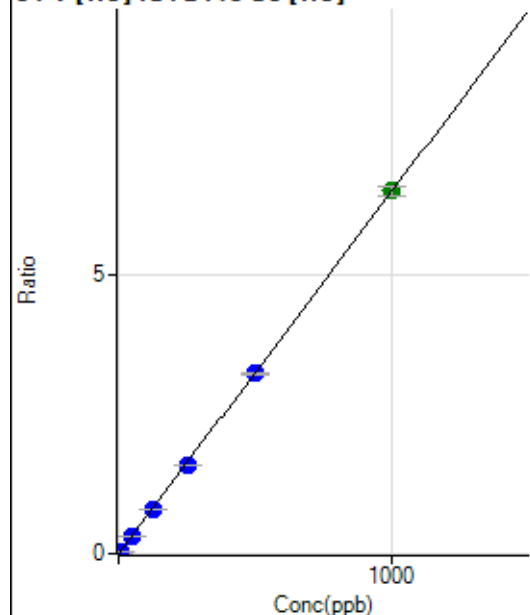
$$DL = 0.1155$$

$$BEC = 0.1372$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18.89	0.0001	P	19.3
2	☐	5.000	5.031	11411.06	0.0327	P	0.4
3	☐	50.000	48.841	109587.89	0.3174	P	0.3
4	☐	125.000	123.291	270519.65	0.8011	P	0.6
5	☐	250.000	246.540	530249.43	1.6019	P	0.2
6	☐	500.000	497.343	1018957.24	3.2315	P	0.5
7	☐	1000.000	1002.465	1922904.03	6.5136	A	2.8
8	☐			973.37	0.0032	P	4.3

$$y = 0.0065 * x + 5.3524E-005$$

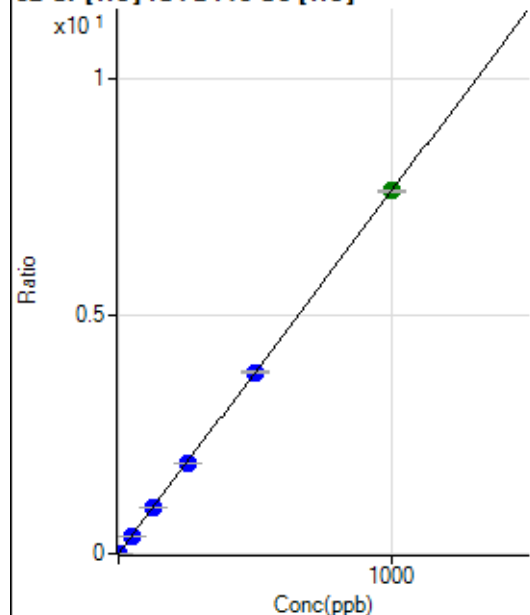
$$R = 1.0000$$

$$DL = 0.004765$$

$$BEC = 0.008238$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1421.19	0.0040	P	4.6
2	☐	2.000	2.009	6743.79	0.0194	P	3.4
3	☐	50.000	49.341	131317.73	0.3803	P	1.3
4	☐	125.000	125.259	323904.95	0.9593	P	1.1
5	☐	250.000	249.545	631255.10	1.9071	P	0.3
6	☐	500.000	499.994	1203576.44	3.8171	P	0.5
7	☐	1000.000	1000.117	2253397.21	7.6311	A	0.3
8	☐			21078.16	0.0691	P	1.0

$$y = 0.0076 * x + 0.0040$$

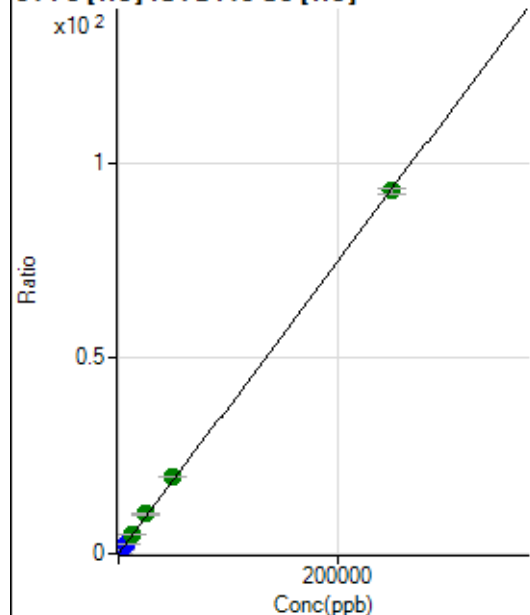
$$R = 1.0000$$

$$DL = 0.07348$$

$$BEC = 0.5286$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2141.29	0.0061	P	4.2
2	☐	50.000	53.252	9038.33	0.0259	P	1.5
3	☐	2500.000	2740.696	354939.55	1.0280	P	0.9
4	☐	6250.000	6894.865	870216.25	2.5769	P	0.7
5	☐	12500.000	13516.504	1670215.58	5.0458	A	0.4
6	☐	25000.000	27065.035	3183837.42	10.0975	A	1.9
7	☐	50000.000	53199.706	5859256.44	19.8420	A	0.7
8	☐	250000.00	249084.20	28334932.35	92.8789	A	1.7

$$y = 3.7286E-004 * x + 0.0061$$

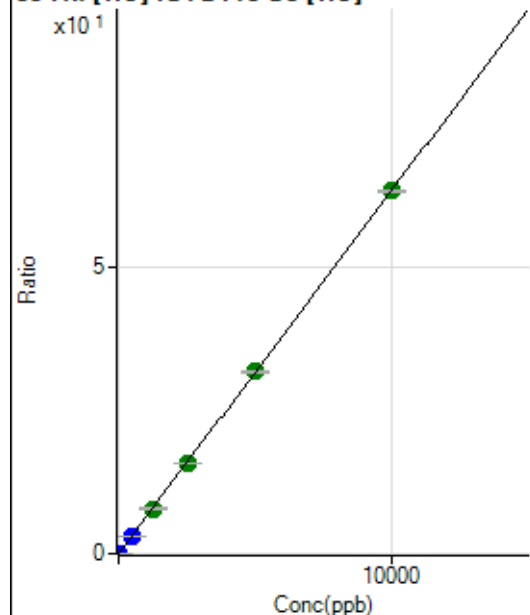
$$R = 0.9999$$

$$DL = 2.045$$

$$BEC = 16.3$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	855.46	0.0024	P	3.3
2	☐	1.000	0.998	3055.21	0.0088	P	3.5
3	☐	500.000	495.660	1087968.24	3.1511	P	0.3
4	☐	1250.000	1243.479	2668188.60	7.9016	A	2.0
5	☐	2500.000	2482.516	5220891.64	15.7725	A	0.9
6	☐	5000.000	5018.212	10052348.63	31.8803	A	1.6
7	☐	10000.000	9996.297	18751598.12	63.5033	A	0.4
8	☐			10909.71	0.0358	P	1.0

$$y = 0.0064 * x + 0.0024$$

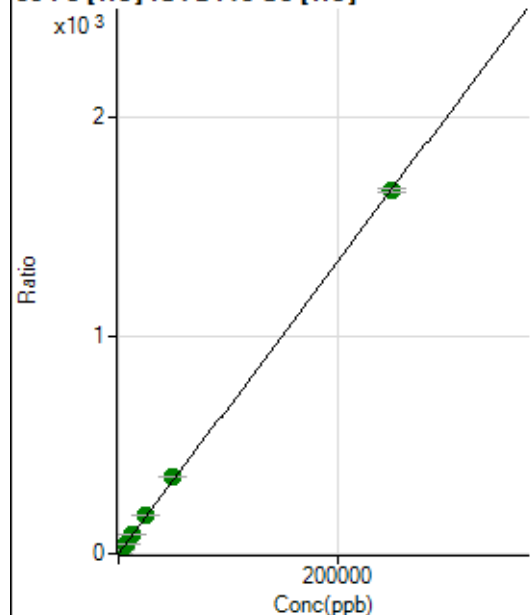
$$R = 1.0000$$

$$DL = 0.03776$$

$$BEC = 0.3819$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19747.26	0.0560	P	3.4
2	☐	50.000	53.712	144688.97	0.4151	P	0.6
3	☐	2500.000	2642.870	6120151.99	17.7242	A	1.9
4	☐	6250.000	6626.996	14978363.39	44.3590	A	1.3
5	☐	12500.000	13259.576	29360786.23	88.6994	A	0.7
6	☐	25000.000	26855.060	56626486.38	179.5883	A	0.1
7	☐	50000.000	52940.549	104523459.5	353.9758	A	0.8
8	☐	250000.00	249177.55	508278756.8	1.665.865	A	1.0

$$y = 0.0067 * x + 0.0560$$

$$R = 0.9999$$

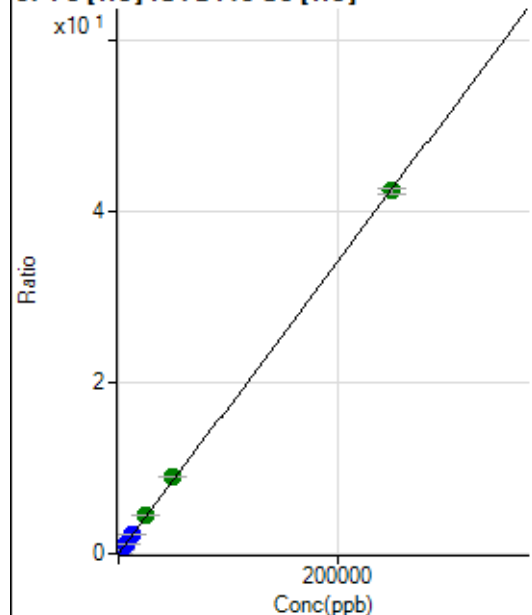
$$DL = 0.8556$$

$$BEC = 8.382$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1617.63	0.0046	P	3.8
2	☐	50.000	59.129	5098.86	0.0146	P	2.6
3	☐	2500.000	2725.099	161373.30	0.4674	P	0.4
4	☐	6250.000	6795.310	391223.73	1.1586	P	1.4
5	☐	12500.000	13665.679	769731.24	2.3254	P	0.5
6	☐	25000.000	26703.887	1431473.58	4.5397	A	1.6
7	☐	50000.000	52884.928	2652987.08	8.9860	A	2.0
8	☐	250000.00	249178.45	12911437.68	42.3225	A	1.8

$$y = 1.6983\text{E-}004 * x + 0.0046$$

$$R = 0.9999$$

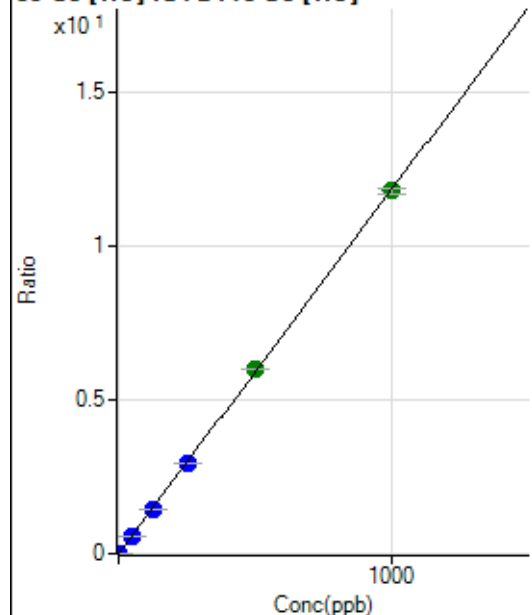
$$DL = 3.061$$

$$BEC = 27.02$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.22	0.0003	P	7.2
2	☐	1.000	1.029	4359.57	0.0125	P	2.3
3	☐	50.000	49.124	200698.10	0.5813	P	1.2
4	☐	125.000	123.531	493363.06	1.4611	P	0.8
5	☐	250.000	247.238	967866.51	2.9240	P	0.2
6	☐	500.000	508.140	1894794.83	6.0092	A	0.2
7	☐	1000.000	996.848	3480476.86	11.7883	A	1.9
8	☐			7519.72	0.0247	P	2.3

$$y = 0.0118 * x + 3.4655\text{E-}004$$

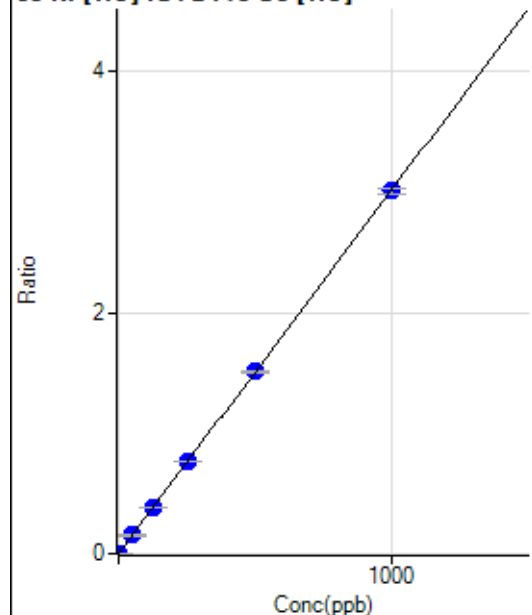
$$R = 0.9999$$

$$DL = 0.006301$$

$$BEC = 0.02931$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	335.56	0.0010	P	14.7
2	☐	1.000	1.012	1395.63	0.0040	P	1.0
3	☐	50.000	49.976	52348.94	0.1516	P	0.3
4	☐	125.000	127.312	129929.11	0.3848	P	1.0
5	☐	250.000	253.050	252834.47	0.7638	P	0.5
6	☐	500.000	501.537	477053.58	1.5129	P	0.7
7	☐	1000.000	998.181	888755.95	3.0102	P	1.3
8	☐			5934.57	0.0194	P	2.4

$$y = 0.0030 * x + 9.5309E-004$$

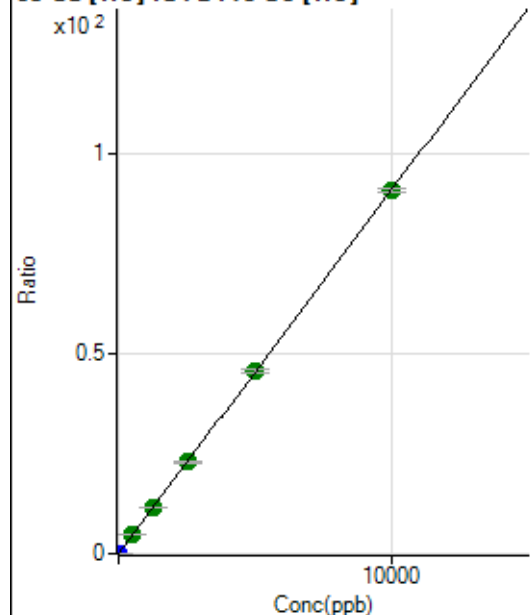
$$R = 1.0000$$

$$DL = 0.1395$$

$$BEC = 0.3161$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1242.28	0.0035	P	3.1
2	☐	2.000	1.892	7221.82	0.0207	P	2.3
3	☐	500.000	504.141	1583188.47	4.5855	A	0.4
4	☐	1250.000	1252.906	3846092.37	11.3907	A	1.0
5	☐	2500.000	2516.313	7571314.54	22.8733	A	0.7
6	☐	5000.000	5035.558	14432217.84	45.7698	A	1.8
7	☐	10000.000	9977.572	26776215.44	90.6859	A	0.9
8	☐			4318.44	0.0142	P	4.3

$$y = 0.0091 * x + 0.0035$$

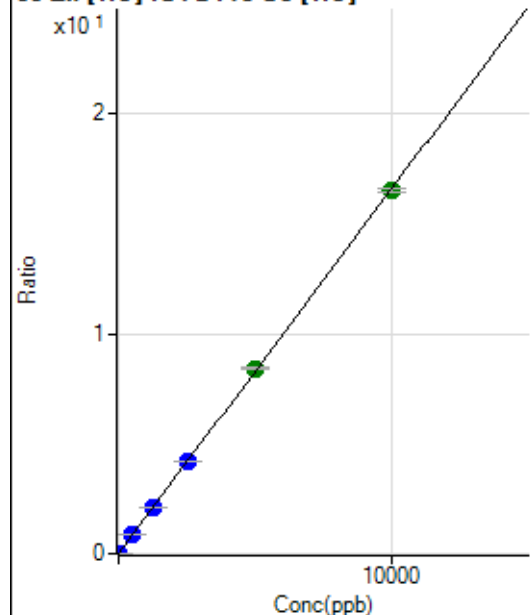
$$R = 1.0000$$

$$DL = 0.03599$$

$$BEC = 0.3877$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2775.84	0.0079	P	3.1
2	☐	5.000	4.940	5600.00	0.0161	P	2.5
3	☐	500.000	508.242	293629.43	0.8504	P	0.5
4	☐	1250.000	1273.925	715725.45	2.1197	P	1.2
5	☐	2500.000	2538.945	1395829.58	4.2168	P	0.5
6	☐	5000.000	5077.962	2656865.29	8.4259	A	1.0
7	☐	10000.000	9947.880	4872316.11	16.4991	A	1.0
8	☐			7093.97	0.0233	P	0.8

$$y = 0.0017 * x + 0.0079$$

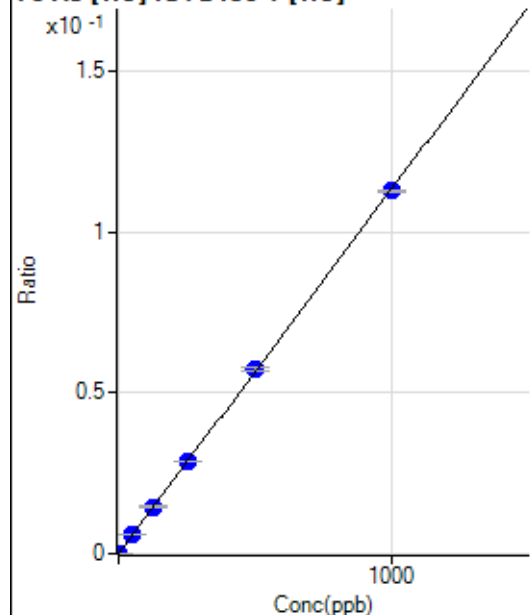
$$R = 0.9999$$

$$DL = 0.4455$$

$$BEC = 4.751$$

Weight: <None>

Min Conc: <None>

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	91.2
2	☐	1.000	1.240	415.56	0.0001	P	5.2
3	☐	50.000	51.412	16556.03	0.0058	P	2.4
4	☐	125.000	128.325	40507.54	0.0145	P	2.6
5	☐	250.000	252.536	79043.81	0.0286	P	1.5
6	☐	500.000	506.831	150500.18	0.0574	P	2.9
7	☐	1000.000	995.464	278490.13	0.1128	P	0.5
8	☐			332.23	0.0001	P	14.7

$$y = 1.1328E-004 * x + 1.8785E-006$$

$$R = 1.0000$$

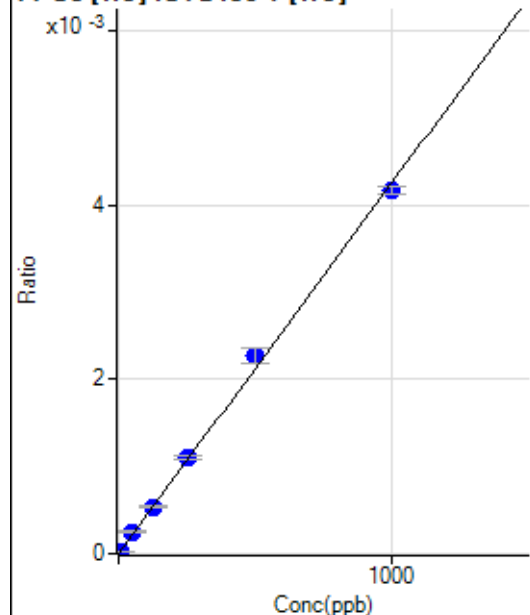
$$DL = 0.04538$$

$$BEC = 0.01658$$

Weight: <None>

Min Conc: <None>

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	6.087	75.55	0.0000	P	13.9
3	☐	50.000	58.538	706.69	0.0002	P	7.2
4	☐	125.000	126.116	1494.53	0.0005	P	4.1
5	☐	250.000	260.025	3053.68	0.0011	P	3.0
6	☐	500.000	534.551	5952.37	0.0023	P	7.3
7	☐	1000.000	979.647	10283.66	0.0042	P	2.2
8	☐			8.89	0.0000	P	78.4

$$y = 4.2502\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9990$$

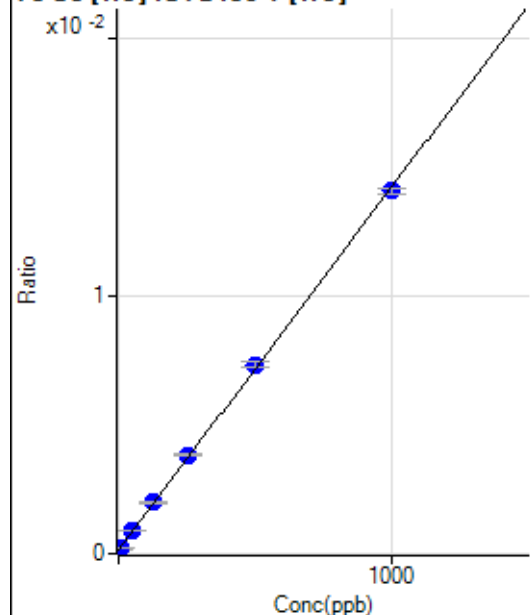
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	401.12	0.0001	P	11.6
2	☐	5.000	4.769	595.57	0.0002	P	6.0
3	☐	50.000	52.037	2470.23	0.0009	P	2.2
4	☐	125.000	132.024	5558.87	0.0020	P	3.8
5	☐	250.000	262.129	10569.41	0.0038	P	2.1
6	☐	500.000	511.911	19242.64	0.0073	P	2.9
7	☐	1000.000	990.033	34745.37	0.0141	P	1.7
8	☐			377.79	0.0002	P	10.9

$$y = 1.4073\text{E-}005 * x + 1.3690\text{E-}004$$

$$R = 0.9998$$

$$DL = 3.374$$

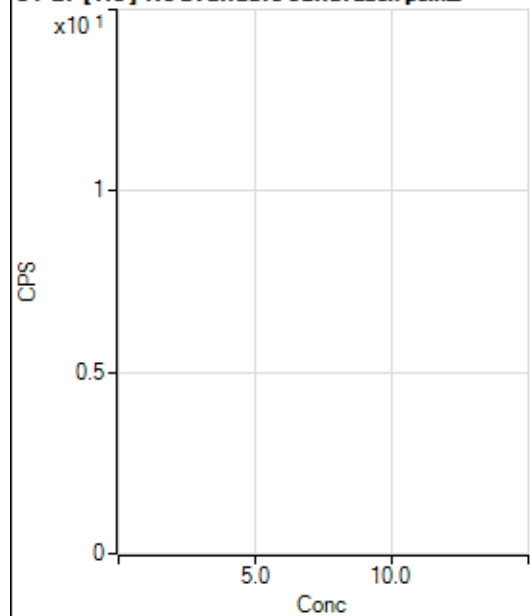
$$BEC = 9.728$$

Weight: <None>

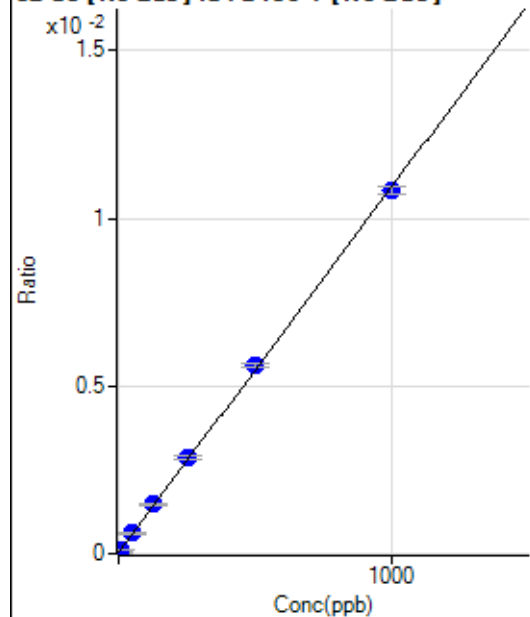
Min Conc: <None>

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8525.88		P	3.2
2	☐			8637.06		P	3.6
3	☐			8568.10		P	2.8
4	☐			8883.88		P	3.0
5	☐			9108.44		P	2.8
6	☐			9159.61		P	1.8
7	☐			8760.45		P	2.2
8	☐			8902.77		P	3.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			332.23		P	13.1
2	☐			300.01		P	17.9
3	☐			334.45		P	4.9
4	☐			368.90		P	1.4
5	☐			476.68		P	5.7
6	☐			531.12		P	5.9
7	☐			421.12		P	2.8
8	☐			402.23		P	17.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	299.06	0.0000	P	12.4
2	☐	5.000	5.825	915.73	0.0001	P	0.7
3	☐	50.000	52.757	5914.90	0.0006	P	2.5
4	☐	125.000	131.564	13894.15	0.0015	P	0.4
5	☐	250.000	260.173	26735.74	0.0029	P	2.4
6	☐	500.000	513.779	49314.76	0.0056	P	1.5
7	☐	1000.000	989.605	88175.57	0.0108	P	2.0
8	☐			415.74	0.0001	P	6.3

$$y = 1.0902E-005 * x + 3.0299E-005$$

R = 0.9998

DL = 1.032

BEC = 2.779

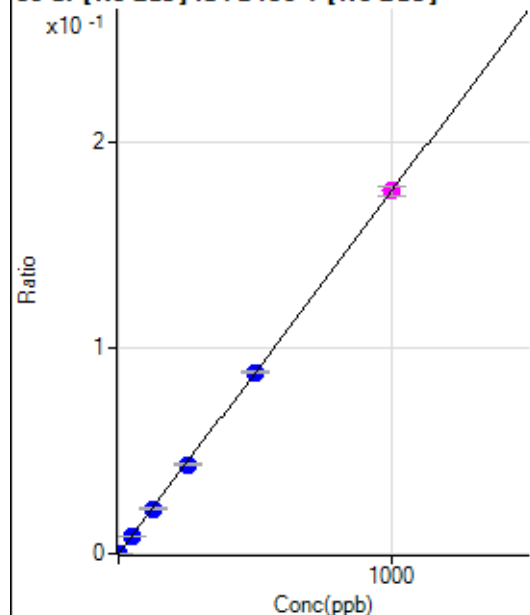
Weight: <None>

Min Conc: <None>

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			443.35		P	7.9
2	☐			407.79		P	1.7
3	☐			425.57		P	5.0
4	☐			436.68		P	1.3
5	☐			420.01		P	12.5
6	☐			420.01		P	6.3
7	☐			417.79		P	3.3
8	☐			393.34		P	11.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	688.91	0.0001	P	8.1
2	☐	1.000	0.935	2289.09	0.0002	P	3.4
3	☐	50.000	49.099	85183.61	0.0087	P	0.7
4	☐	125.000	124.038	207906.02	0.0219	P	1.3
5	☐	250.000	245.130	403361.59	0.0432	P	2.0
6	☐	500.000	499.776	771503.93	0.0881	P	1.1
7	☐	1000.000	1001.495	1438257.10	0.1765	M	2.9
8	☐			18141.31	0.0023	P	1.2

$$y = 1.7615\text{E-}004 * x + 6.9758\text{E-}005$$

$$R = 1.0000$$

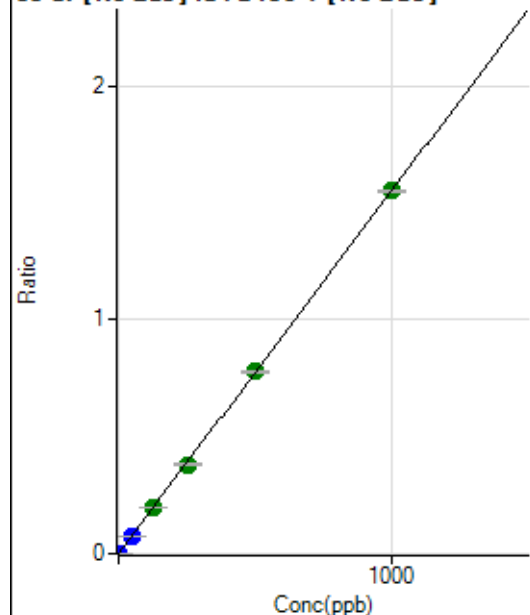
$$DL = 0.09602$$

$$BEC = 0.396$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.00	0.0000	P	20.4
2	☐	1.000	0.986	15110.10	0.0015	P	2.3
3	☐	50.000	48.721	739084.16	0.0757	P	1.6
4	☐	125.000	126.096	1857082.96	0.1958	A	1.3
5	☐	250.000	245.510	3555036.20	0.3812	A	1.2
6	☐	500.000	501.707	6820345.87	0.7789	A	1.4
7	☐	1000.000	1000.196	12655065.37	1.5527	A	0.7
8	☐			155854.44	0.0197	P	0.5

$$y = 0.0016 * x + 1.7226\text{E-}005$$

$$R = 1.0000$$

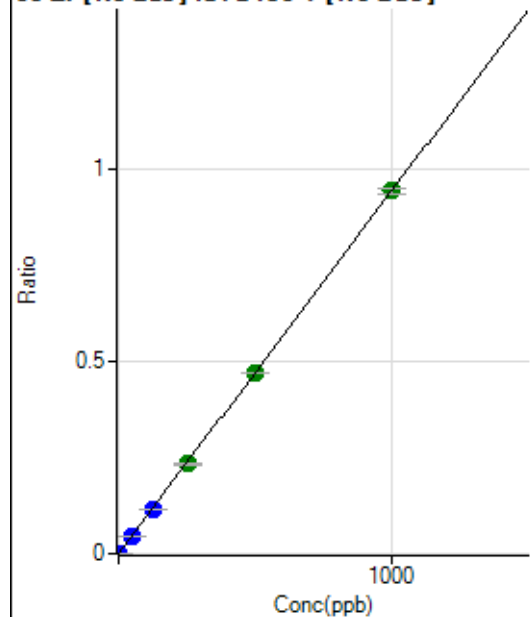
$$DL = 0.006786$$

$$BEC = 0.0111$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	430.01	0.0000	P	2.4
2	☐	1.000	1.000	9633.23	0.0010	P	5.0
3	☐	50.000	48.505	447803.04	0.0458	P	2.1
4	☐	125.000	123.369	1105277.13	0.1165	P	1.3
5	☐	250.000	248.156	2185691.68	0.2343	A	1.6
6	☐	500.000	499.749	4132282.58	0.4719	A	0.5
7	☐	1000.000	1000.865	7701876.69	0.9450	A	1.9
8	☐			7071.78	0.0009	P	2.5

$$y = 9.4417\text{E-}004 * x + 4.3560\text{E-}005$$

$$R = 1.0000$$

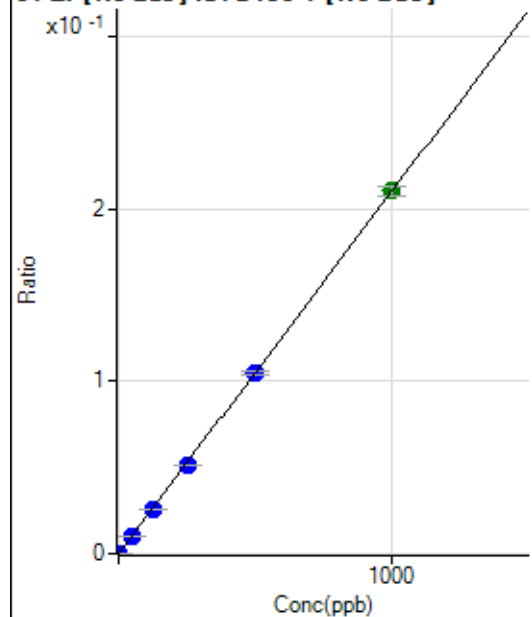
$$DL = 0.003292$$

$$BEC = 0.04614$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78.89	0.0000	P	20.4
2	☐	1.000	0.933	1986.82	0.0002	P	3.7
3	☐	50.000	48.437	99337.88	0.0102	P	2.1
4	☐	125.000	122.842	244524.07	0.0258	P	0.8
5	☐	250.000	244.562	478557.77	0.0513	P	2.0
6	☐	500.000	498.513	915815.72	0.1046	P	1.4
7	☐	1000.000	1002.451	1713888.36	0.2103	A	2.4
8	☐			1466.76	0.0002	P	3.9

$$y = 2.0978\text{E-}004 * x + 7.9836\text{E-}006$$

$$R = 1.0000$$

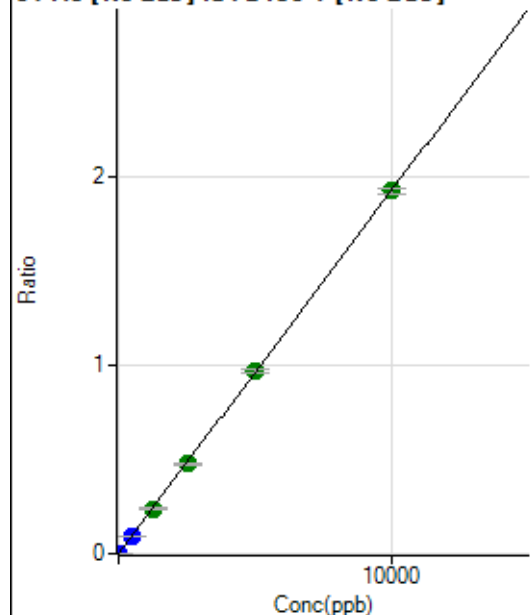
$$DL = 0.0233$$

$$BEC = 0.03806$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	256.67	0.0000	P	16.2
2	☐	5.000	5.859	11248.86	0.0012	P	0.9
3	☐	500.000	485.606	912159.92	0.0934	P	1.7
4	☐	1250.000	1235.029	2251970.80	0.2374	A	1.8
5	☐	2500.000	2475.225	4437940.49	0.4758	A	1.4
6	☐	5000.000	5032.508	8471073.07	0.9674	A	1.6
7	☐	10000.000	9992.530	15654449.07	1.9208	A	1.3
8	☐			5601.13	0.0007	P	2.7

$$y = 1.9222\text{E-}004 * x + 2.5956\text{E-}005$$

$$R = 1.0000$$

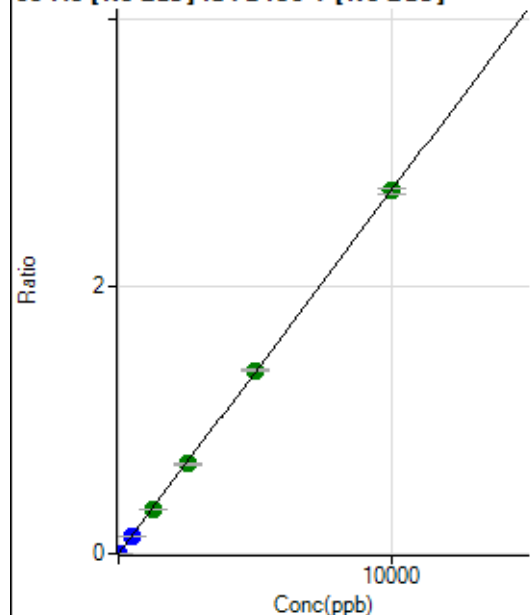
$$DL = 0.06556$$

$$BEC = 0.135$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	253.34	0.0000	P	15.6
2	☐	5.000	5.002	13506.32	0.0014	P	1.8
3	☐	500.000	486.260	1290120.24	0.1321	P	2.3
4	☐	1250.000	1237.873	3188996.76	0.3362	A	0.9
5	☐	2500.000	2473.431	6264935.25	0.6717	A	1.2
6	☐	5000.000	5044.001	11994922.88	1.3697	A	1.1
7	☐	10000.000	9986.844	22102597.72	2.7120	A	1.6
8	☐			4977.56	0.0006	P	1.9

$$y = 2.7155\text{E-}004 * x + 2.5615\text{E-}005$$

$$R = 1.0000$$

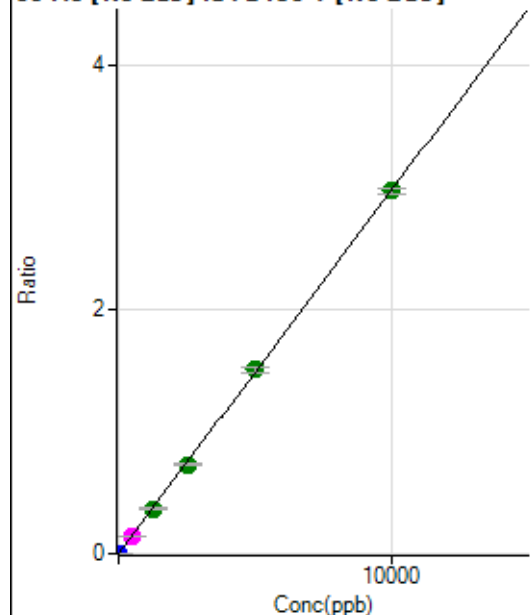
$$DL = 0.04417$$

$$BEC = 0.09433$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	288.89	0.0000	P	10.1
2	☐	5.000	5.115	15126.83	0.0015	P	2.3
3	☐	500.000	486.921	1414530.81	0.1448	M	1.7
4	☐	1250.000	1242.321	3504043.97	0.3694	A	0.8
5	☐	2500.000	2456.672	6813058.72	0.7304	A	0.7
6	☐	5000.000	5059.180	13171559.80	1.5042	A	2.3
7	☐	10000.000	9982.856	24189476.59	2.9680	A	1.8
8	☐			7847.74	0.0010	P	2.1

$$y = 2.9731E-004 * x + 2.9284E-005$$

$$R = 1.0000$$

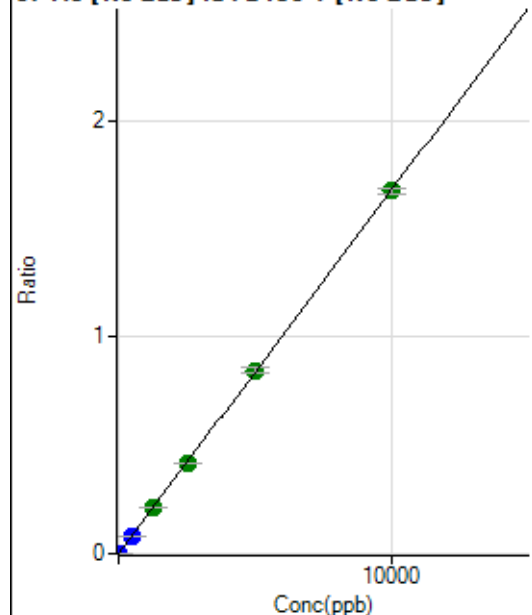
$$DL = 0.02983$$

$$BEC = 0.0985$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	184.45	0.0000	P	7.4
2	☐	5.000	5.061	8476.97	0.0009	P	1.2
3	☐	500.000	493.491	809439.16	0.0829	P	1.9
4	☐	1250.000	1258.911	2005041.25	0.2113	A	0.4
5	☐	2500.000	2487.827	3895546.71	0.4176	A	1.0
6	☐	5000.000	5046.414	7417868.22	0.8471	A	2.6
7	☐	10000.000	9979.048	13652601.05	1.6752	A	1.4
8	☐			3244.84	0.0004	P	6.3

$$y = 1.6787E-004 * x + 1.8681E-005$$

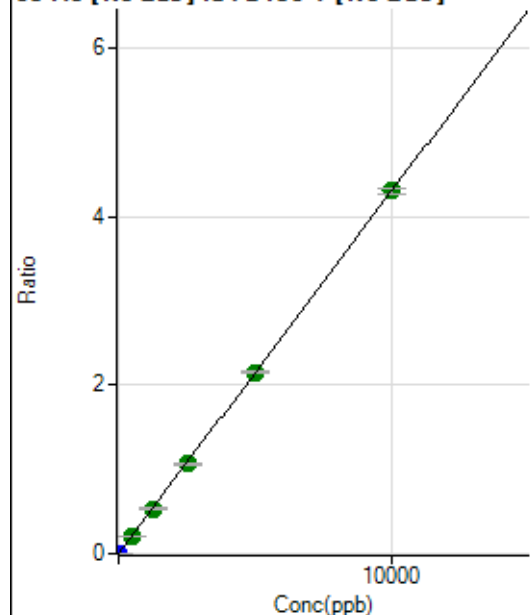
$$R = 1.0000$$

$$DL = 0.0246$$

$$BEC = 0.1113$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.79	0.0000	P	15.2
2	☐	5.000	5.022	21538.24	0.0022	P	2.0
3	☐	500.000	492.285	2071989.21	0.2121	A	2.4
4	☐	1250.000	1234.838	5045654.27	0.5320	A	2.0
5	☐	2500.000	2467.625	9914215.76	1.0630	A	2.0
6	☐	5000.000	5002.798	18871923.33	2.1551	A	0.9
7	☐	10000.000	10008.976	35139379.48	4.3116	A	1.4
8	☐			7729.89	0.0010	P	1.9

$$y = 4.3077\text{E-}004 * x + 4.3337\text{E-}005$$

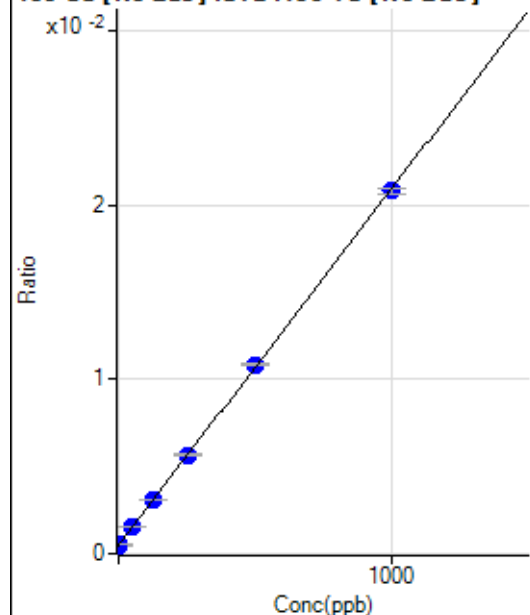
$$R = 1.0000$$

$$DL = 0.0459$$

$$BEC = 0.1006$$

Weight: <None>

Min Conc: <None>

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3088.14	0.0005	P	0.6
2	☐	1.000	2.040	3288.19	0.0005	P	6.4
3	☐	50.000	51.486	9641.05	0.0015	P	1.7
4	☐	125.000	128.881	19446.45	0.0031	P	0.9
5	☐	250.000	254.246	34917.63	0.0057	P	0.8
6	☐	500.000	507.834	63059.74	0.0109	P	1.9
7	☐	1000.000	994.461	112965.87	0.0208	P	1.9
8	☐			2472.46	0.0005	P	8.8

$$y = 2.0463\text{E-}005 * x + 4.8094\text{E-}004$$

$$R = 0.9999$$

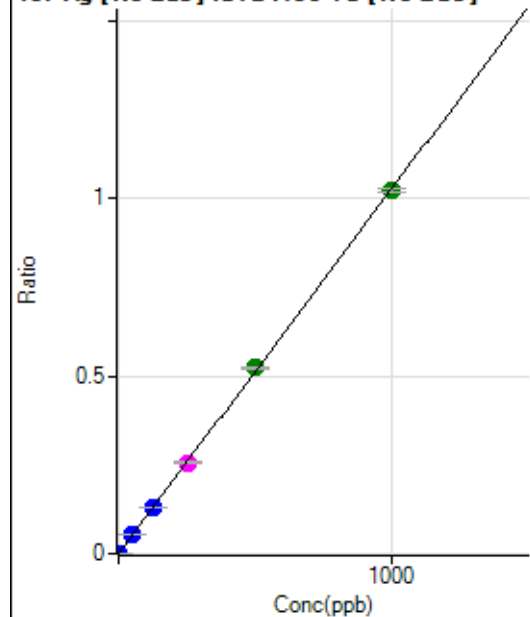
$$DL = 0.3936$$

$$BEC = 23.5$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0000	P	13.0
2	☐	1.000	1.122	7303.00	0.0012	P	1.0
3	☐	50.000	51.156	329671.31	0.0525	P	2.5
4	☐	125.000	125.734	804604.20	0.1290	P	0.6
5	☐	250.000	249.753	1574285.70	0.2563	M	1.7
6	☐	500.000	509.427	3031508.15	0.5227	A	0.3
7	☐	1000.000	995.199	5537995.96	1.0211	A	1.1
8	☐			1038.94	0.0002	P	12.2

$$y = 0.0010 * x + 9.7060E-006$$

$$R = 0.9999$$

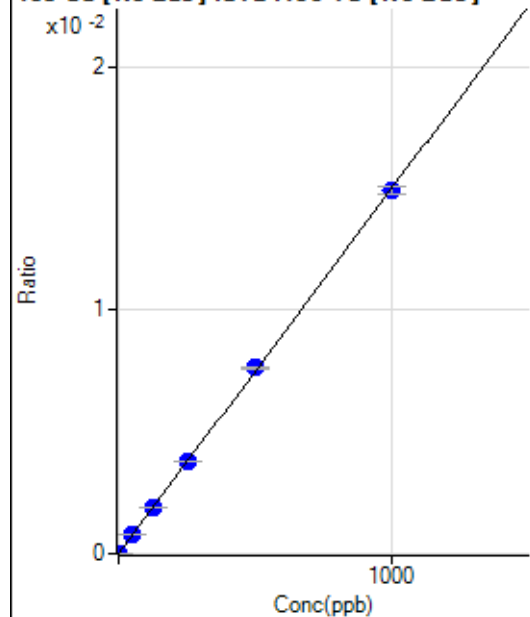
$$DL = 0.003701$$

$$BEC = 0.00946$$

Weight: <None>

Min Conc: <None>

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	90.3
2	☐	1.000	0.860	91.11	0.0000	P	17.5
3	☐	50.000	53.911	5084.27	0.0008	P	3.6
4	☐	125.000	127.814	11957.24	0.0019	P	1.5
5	☐	250.000	252.300	23243.14	0.0038	P	0.9
6	☐	500.000	509.175	44274.10	0.0076	P	0.3
7	☐	1000.000	994.290	80827.42	0.0149	P	2.0
8	☐			60.00	0.0000	P	29.1

$$y = 1.4989E-005 * x + 1.5734E-006$$

$$R = 0.9999$$

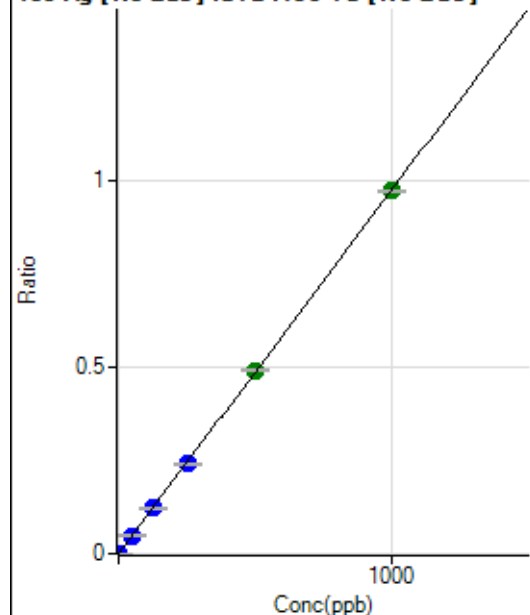
$$DL = 0.2843$$

$$BEC = 0.105$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	31.6
2	☐	1.000	1.066	6579.33	0.0010	P	1.0
3	☐	50.000	50.188	307671.24	0.0490	P	1.8
4	☐	125.000	124.839	759866.17	0.1218	P	1.2
5	☐	250.000	246.364	1477216.13	0.2404	P	1.0
6	☐	500.000	504.997	2858591.07	0.4929	A	0.5
7	☐	1000.000	998.421	5284663.95	0.9744	A	0.4
8	☐			948.93	0.0002	P	2.3

$$y = 9.7597\text{E-}004 * x + 6.2587\text{E-}006$$

$$R = 1.0000$$

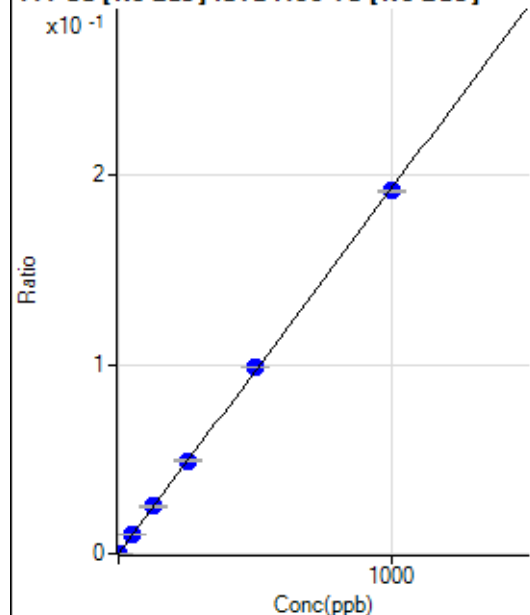
$$DL = 0.006083$$

$$BEC = 0.006413$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	638.41	0.0001	P	2.9
2	☐	1.000	0.980	1816.14	0.0003	P	5.5
3	☐	50.000	52.170	63911.46	0.0102	P	1.6
4	☐	125.000	129.256	156312.83	0.0251	P	1.2
5	☐	250.000	253.515	301421.69	0.0491	P	1.8
6	☐	500.000	510.273	572198.97	0.0987	P	0.4
7	☐	1000.000	993.344	1041082.85	0.1920	P	0.9
8	☐			1023.62	0.0002	P	6.5

$$y = 1.9315\text{E-}004 * x + 9.9400\text{E-}005$$

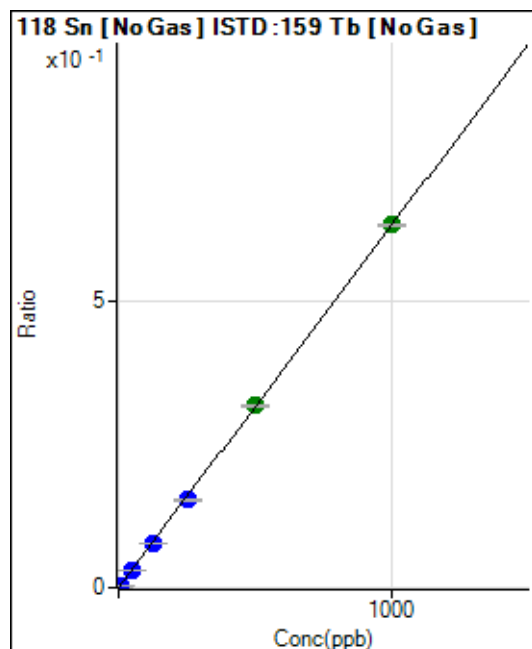
$$R = 0.9999$$

$$DL = 0.0446$$

$$BEC = 0.5146$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	826.70	0.0001	P	7.1
2	☐	5.000	5.062	20890.83	0.0033	P	1.8
3	☐	50.000	49.528	197114.79	0.0314	P	1.3
4	☐	125.000	121.657	479561.09	0.0769	P	1.1
5	☐	250.000	242.634	941417.54	0.1532	P	1.4
6	☐	500.000	501.633	1836668.25	0.3167	A	0.4
7	☐	1000.000	1001.466	3428156.68	0.6321	A	0.6
8	☐			6111.36	0.0012	P	2.0

$$y = 6.3103\text{E-}004 * x + 1.2865\text{E-}004$$

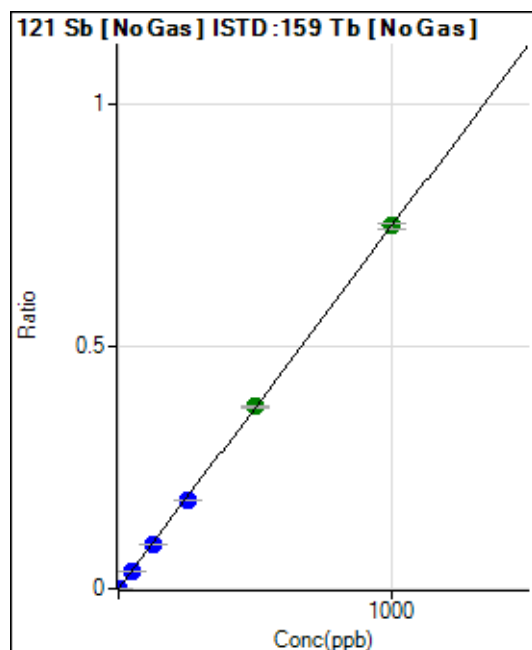
$$R = 1.0000$$

$$DL = 0.04335$$

$$BEC = 0.2039$$

Weight: <None>

Min Conc: <None>



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0000	P	15.4
2	☐	2.000	2.130	10089.17	0.0016	P	2.1
3	☐	50.000	49.256	231801.40	0.0369	P	1.7
4	☐	125.000	122.001	570014.70	0.0914	P	0.9
5	☐	250.000	243.309	1119800.61	0.1823	P	1.1
6	☐	500.000	501.720	2179928.94	0.3759	A	1.2
7	☐	1000.000	1001.224	4067395.88	0.7500	A	1.5
8	☐			3777.20	0.0007	P	4.3

$$y = 7.4911\text{E-}004 * x + 9.1946\text{E-}006$$

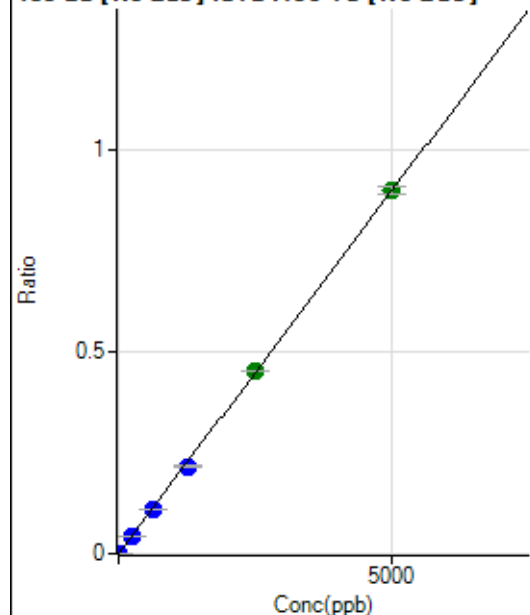
$$R = 1.0000$$

$$DL = 0.005656$$

$$BEC = 0.01227$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.22	0.0000	P	4.9
2	☐	10.000	9.913	11233.42	0.0018	P	1.0
3	☐	250.000	243.867	275029.81	0.0438	P	2.2
4	☐	625.000	600.769	672725.49	0.1079	P	1.3
5	☐	1250.000	1198.995	1322576.51	0.2153	P	1.5
6	☐	2500.000	2521.557	2625857.25	0.4527	A	0.5
7	☐	5000.000	5005.309	4874223.09	0.8987	A	2.2
8	☐			3197.06	0.0006	P	4.2

$$y = 1.7955\text{E-}004 * x + 6.5772\text{E-}006$$

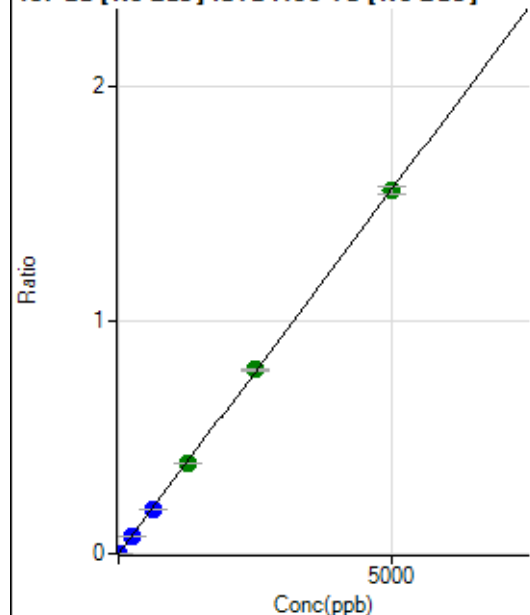
$$R = 0.9999$$

$$DL = 0.005401$$

$$BEC = 0.03663$$

Weight: <None>

Min Conc: <None>

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.66	0.0000	P	23.0
2	☐	10.000	9.759	19230.90	0.0031	P	1.8
3	☐	250.000	242.216	474697.44	0.0756	P	1.5
4	☐	625.000	598.102	1163734.79	0.1866	P	1.1
5	☐	1250.000	1249.321	2394587.05	0.3898	A	1.0
6	☐	2500.000	2534.955	4586787.02	0.7909	A	1.1
7	☐	5000.000	4986.444	8437169.74	1.5556	A	2.2
8	☐			5392.19	0.0010	P	1.4

$$y = 3.1197\text{E-}004 * x + 1.3469\text{E-}005$$

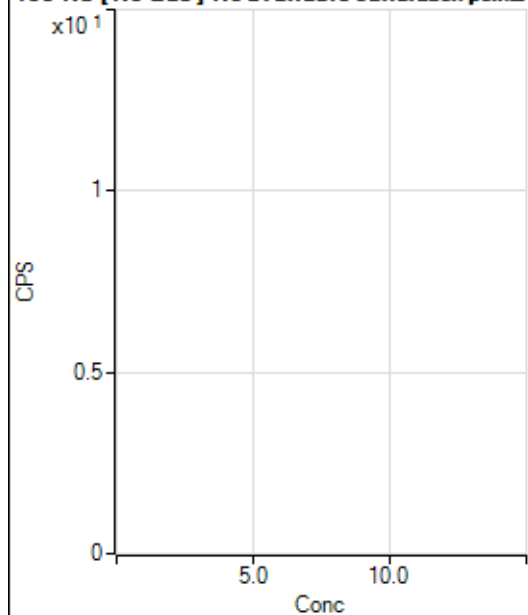
$$R = 0.9999$$

$$DL = 0.02975$$

$$BEC = 0.04317$$

Weight: <None>

Min Conc: <None>

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	21.6
3	☐			18.89		P	27.0
4	☐			23.33		P	14.3
5	☐			63.33		P	27.3
6	☐			111.11		P	38.2
7	☐			172.23		P	12.4
8	☐			111.11		P	14.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			5.55		P	69.3
3	☐			4.44		P	43.4
4	☐			12.22		P	68.7
5	☐			18.89		P	44.4
6	☐			40.00		P	22.0
7	☐			61.11		P	17.5
8	☐			67.78		P	22.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			8.89		P	57.3
3	☐			10.00		P	33.3
4	☐			24.45		P	43.8
5	☐			28.89		P	13.3
6	☐			45.56		P	16.9
7	☐			108.89		P	15.1
8	☐			197.78		P	9.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			7.78		P	24.7
3	☐			23.33		P	57.2
4	☐			73.33		P	4.5
5	☐			126.67		P	16.0
6	☐			194.45		P	6.0
7	☐			391.12		P	11.1
8	☐			190.00		P	6.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			77.78		P	9.9
2	☐			65.56		P	7.8
3	☐			74.44		P	13.7
4	☐			86.67		P	32.9
5	☐			73.33		P	25.3
6	☐			97.78		P	22.2
7	☐			128.89		P	5.4
8	☐			231.12		P	3.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			390.01		P	9.9
2	☐			395.57		P	3.9
3	☐			418.90		P	2.6
4	☐			385.57		P	1.3
5	☐			412.24		P	16.3
6	☐			371.12		P	8.3
7	☐			393.34		P	9.6
8	☐			481.12		P	2.1

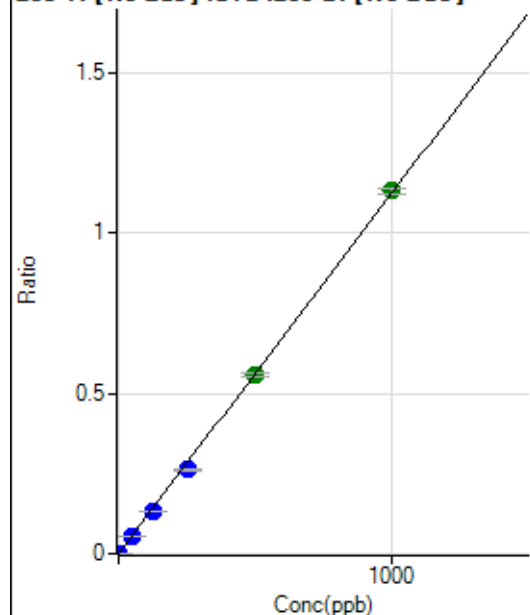
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	31.0
2	☐			62.22		P	8.2
3	☐			65.56		P	2.9
4	☐			66.67		P	26.5
5	☐			66.67		P	13.2
6	☐			107.78		P	7.8
7	☐			143.33		P	24.6
8	☐			417.79		P	14.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	33.3
2	☐			44.44		P	22.9
3	☐			34.45		P	20.1
4	☐			38.89		P	4.9
5	☐			48.89		P	10.4
6	☐			83.33		P	16.0
7	☐			132.22		P	14.8
8	☐			333.34		P	6.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182.23	0.0000	P	10.8
2	☐	1.000	0.987	4596.37	0.0012	P	1.9
3	☐	50.000	46.055	205408.17	0.0518	P	0.2
4	☐	125.000	115.388	507912.28	0.1298	P	0.9
5	☐	250.000	232.952	1005109.71	0.2621	P	2.4
6	☐	500.000	496.907	2068098.89	0.5589	A	2.0
7	☐	1000.000	1007.207	3805194.91	1.1329	A	1.6
8	☐			5572.31	0.0018	P	4.3

$$y = 0.0011 * x + 4.5044E-005$$

$$R = 0.9998$$

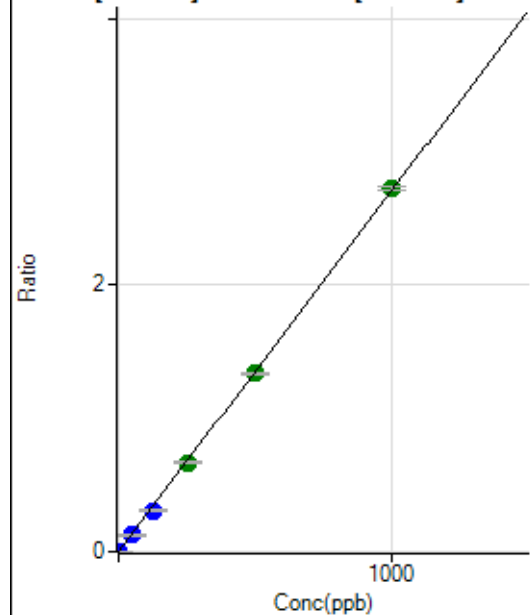
$$DL = 0.01295$$

$$BEC = 0.04005$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	490.01	0.0001	P	3.2
2	☐	1.000	0.977	11003.42	0.0028	P	2.1
3	☐	50.000	45.254	486077.97	0.1227	P	0.7
4	☐	125.000	114.143	1209959.10	0.3093	P	0.7
5	☐	250.000	247.530	2571550.81	0.6706	A	3.2
6	☐	500.000	493.758	4949019.09	1.3375	A	0.9
7	☐	1000.000	1005.333	9146158.82	2.7231	A	1.2
8	☐			13023.01	0.0042	P	1.5

$$y = 0.0027 * x + 1.2106E-004$$

$$R = 0.9999$$

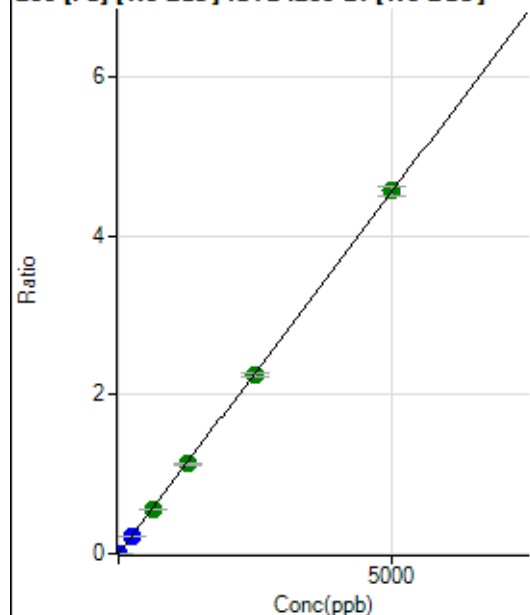
$$DL = 0.004272$$

$$BEC = 0.04469$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	412.23	0.0001	P	10.5
2	☐	1.000	0.826	3396.02	0.0009	P	2.8
3	☐	250.000	231.931	837116.27	0.2113	P	0.8
4	☐	625.000	607.872	2165962.02	0.5536	A	0.4
5	☐	1250.000	1236.588	4319483.06	1.1262	A	2.2
6	☐	2500.000	2479.003	8353044.46	2.2575	A	1.7
7	☐	5000.000	5016.896	15341598.38	4.5686	A	2.5
8	☐			4517.45	0.0014	P	2.5

$$y = 9.1061\text{E-}004 * x + 1.0189\text{E-}004$$

$$R = 1.0000$$

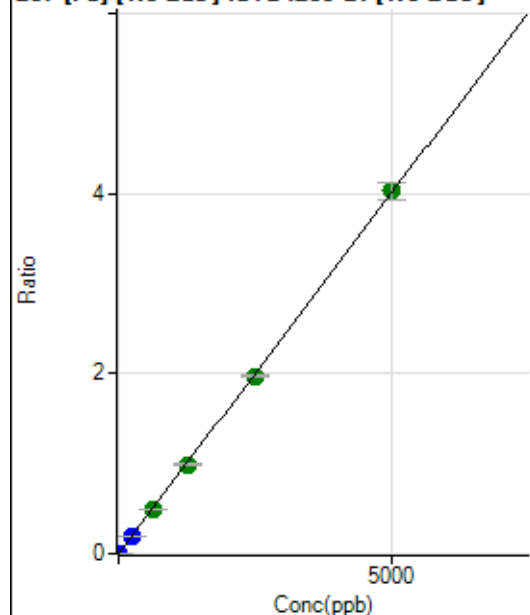
$$DL = 0.0352$$

$$BEC = 0.1119$$

Weight: <None>

Min Conc: <None>

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	341.12	0.0001	P	10.5
2	☐	1.000	0.832	2983.70	0.0007	P	3.2
3	☐	250.000	227.256	721047.49	0.1820	P	0.5
4	☐	625.000	605.190	1895631.24	0.4845	A	1.8
5	☐	1250.000	1231.467	3781519.84	0.9859	A	2.1
6	☐	2500.000	2458.005	7280939.96	1.9677	A	1.0
7	☐	5000.000	5029.244	13515795.91	4.0260	A	4.7
8	☐			3908.38	0.0013	P	0.8

$$y = 8.0050\text{E-}004 * x + 8.4310\text{E-}005$$

$$R = 0.9999$$

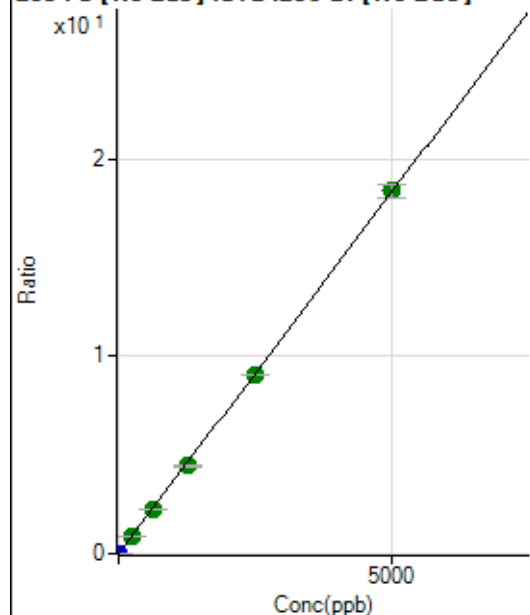
$$DL = 0.03327$$

$$BEC = 0.1053$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1614.50	0.0004	P	2.4
2	☐	1.000	0.820	13529.44	0.0034	P	0.6
3	☐	250.000	237.641	3449904.91	0.8708	A	0.4
4	☐	625.000	610.174	8744830.37	2.2353	A	1.0
5	☐	1250.000	1220.627	17149845.96	4.4711	A	2.0
6	☐	2500.000	2472.174	33506480.26	9.0551	A	0.7
7	☐	5000.000	5023.727	61782580.19	18.4006	A	3.5
8	☐			17950.35	0.0058	P	2.5

$$y = 0.0037 * x + 3.9891E-004$$

$$R = 1.0000$$

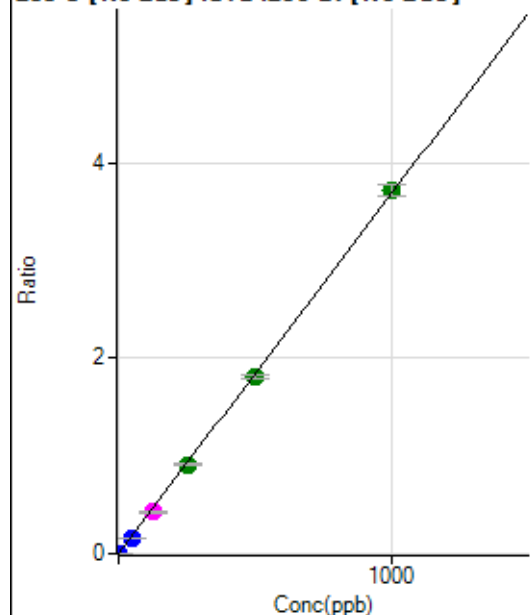
$$DL = 0.007732$$

$$BEC = 0.1089$$

Weight: <None>

Min Conc: <None>

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0000	P	7.8
2	☐	1.000	0.931	13714.96	0.0034	P	1.6
3	☐	50.000	44.569	650583.69	0.1642	P	1.2
4	☐	125.000	115.659	1667075.04	0.4261	M	4.4
5	☐	250.000	248.025	3504877.73	0.9138	A	2.4
6	☐	500.000	489.399	6671436.50	1.8031	A	2.4
7	☐	1000.000	1007.233	12461070.09	3.7110	A	3.3
8	☐			643.36	0.0002	P	9.1

$$y = 0.0037 * x + 1.7576E-005$$

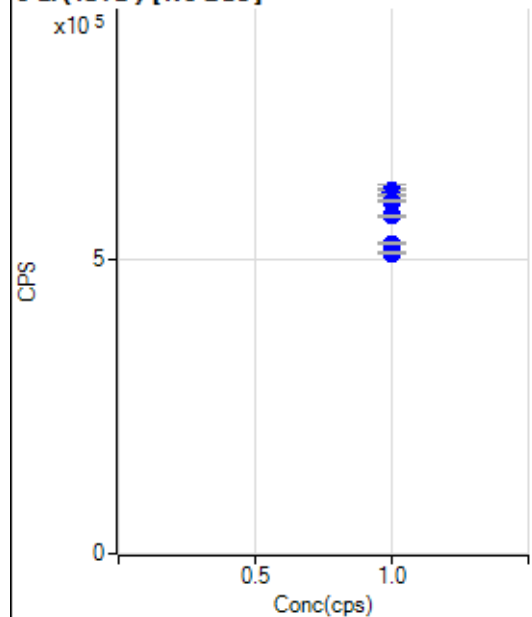
$$R = 0.9999$$

$$DL = 0.00112$$

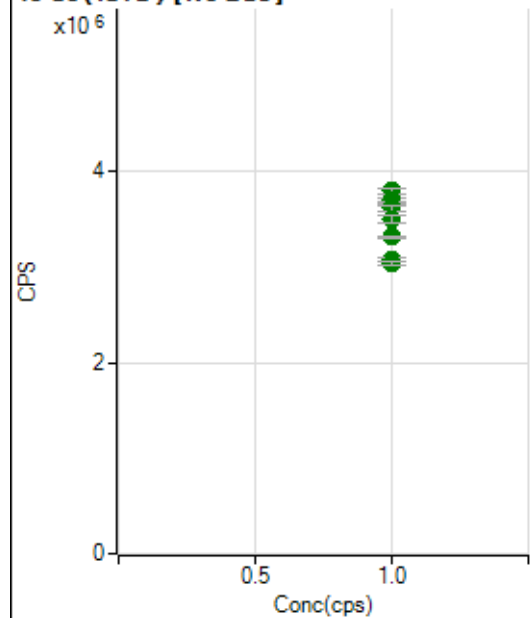
$$BEC = 0.00477$$

Weight: <None>

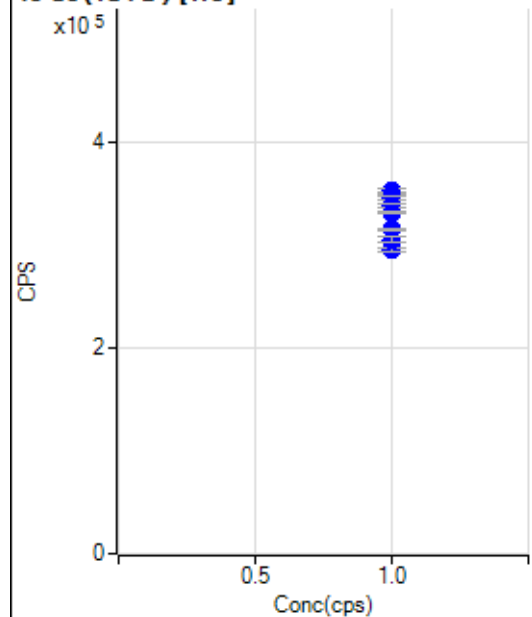
Min Conc: <None>

6 Li (ISTD) [No Gas]

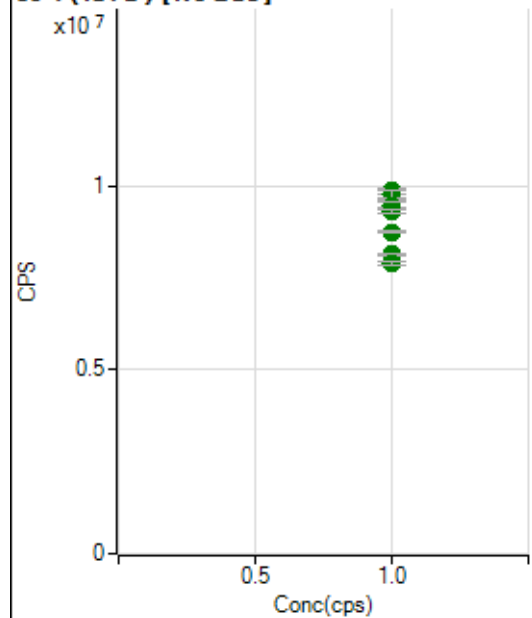
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		617081.82		P	3.0
2	☐	1.000		614786.59		P	2.3
3	☐	1.000		615939.18		P	1.2
4	☐	1.000		608851.12		P	0.7
5	☐	1.000		599471.58		P	0.7
6	☐	1.000		574651.68		P	0.7
7	☐	1.000		527785.29		P	0.3
8	☐	1.000		511820.75		P	0.1

45 Sc (ISTD) [No Gas]

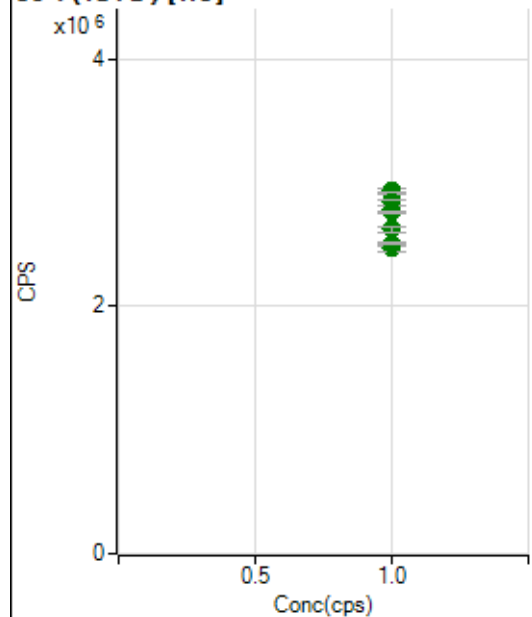
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3800237.03		A	1.9
2	☐	1.000		3703269.53		A	1.2
3	☐	1.000		3682243.87		A	0.4
4	☐	1.000		3622408.77		A	1.6
5	☐	1.000		3503373.84		A	2.3
6	☐	1.000		3317417.38		A	0.3
7	☐	1.000		3075372.28		A	1.3
8	☐	1.000		3037455.06		A	1.2

45 Sc (ISTD) [He]

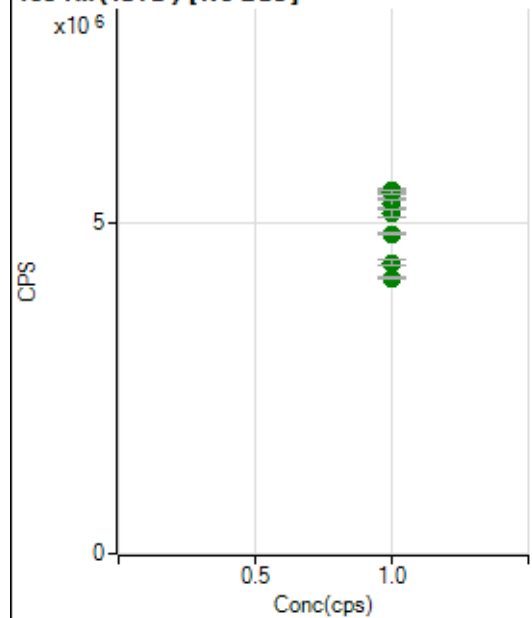
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		352487.93		P	1.2
2	☐	1.000		348539.56		P	0.7
3	☐	1.000		345266.03		P	0.8
4	☐	1.000		337681.18		P	1.3
5	☐	1.000		331006.14		P	0.6
6	☐	1.000		315312.70		P	0.3
7	☐	1.000		295284.94		P	1.3
8	☐	1.000		305129.90		P	1.6

89 Y (ISTD) [No Gas]

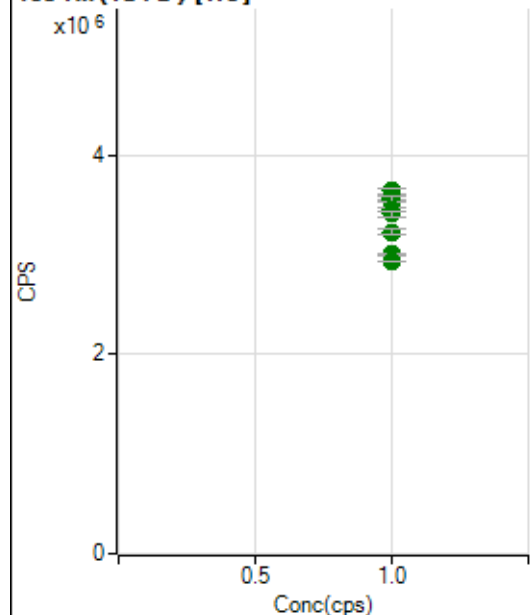
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9874420.13		A	1.7
2	☐	1.000		9762968.88		A	2.6
3	☐	1.000		9771483.81		A	2.1
4	☐	1.000		9486600.97		A	1.6
5	☐	1.000		9328069.44		A	1.4
6	☐	1.000		8757021.33		A	0.5
7	☐	1.000		8150038.00		A	0.3
8	☐	1.000		7915555.51		A	1.1

89 Y(ISTD) [He]

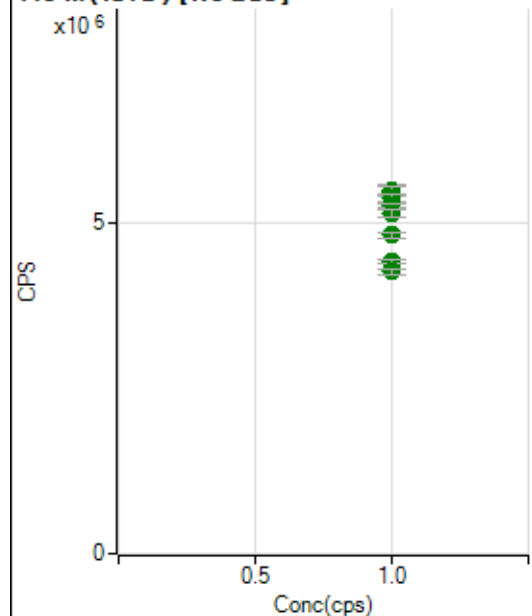
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2933305.72		A	1.5
2	☐	1.000		2919492.53		A	0.5
3	☐	1.000		2842427.56		A	1.5
4	☐	1.000		2787066.00		A	1.9
5	☐	1.000		2762879.23		A	0.8
6	☐	1.000		2622182.13		A	2.0
7	☐	1.000		2469573.63		A	2.0
8	☐	1.000		2506861.75		A	0.3

103 Rh(ISTD) [No Gas]

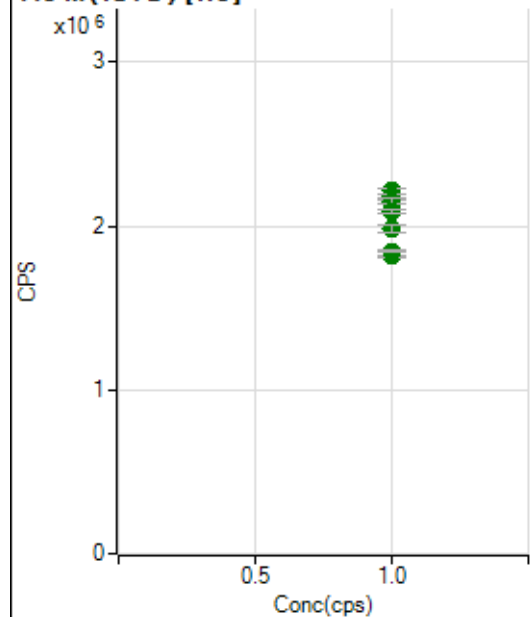
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5493889.15		A	1.1
2	☐	1.000		5443330.34		A	2.4
3	☐	1.000		5481420.40		A	1.2
4	☐	1.000		5298712.70		A	1.8
5	☐	1.000		5154592.21		A	1.8
6	☐	1.000		4843841.14		A	0.7
7	☐	1.000		4409339.13		A	1.8
8	☐	1.000		4174411.64		A	0.7

103 Rh (ISTD) [He]

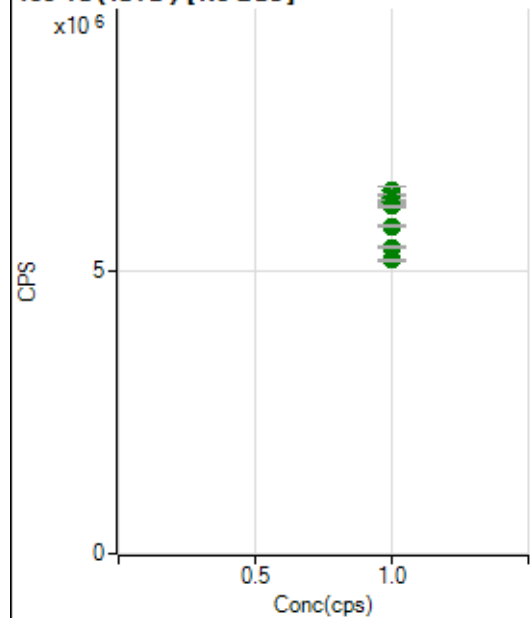
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3645716.47		A	1.9
2	☐	1.000		3573249.70		A	1.0
3	☐	1.000		3563395.29		A	1.7
4	☐	1.000		3452756.51		A	1.0
5	☐	1.000		3412853.31		A	1.9
6	☐	1.000		3230145.54		A	1.7
7	☐	1.000		3005750.86		A	1.0
8	☐	1.000		2941009.82		A	0.4

115 In (ISTD) [No Gas]

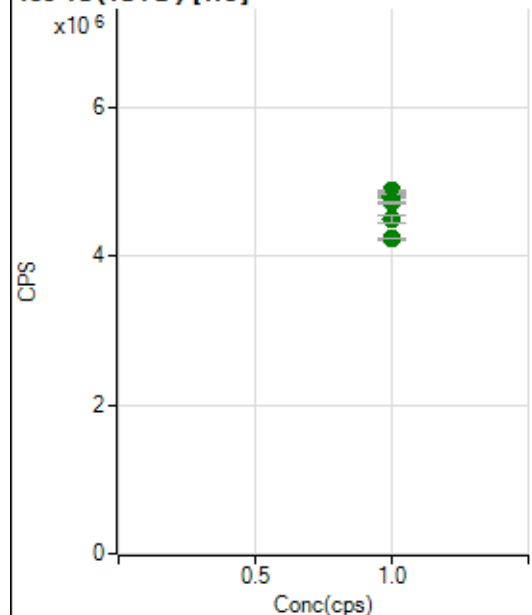
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5473158.29		A	3.3
2	☐	1.000		5466943.35		A	2.6
3	☐	1.000		5371825.67		A	2.0
4	☐	1.000		5248970.94		A	1.1
5	☐	1.000		5131981.79		A	2.1
6	☐	1.000		4803150.94		A	1.5
7	☐	1.000		4411547.81		A	0.8
8	☐	1.000		4259673.90		A	1.9

115 In (ISTD) [He]

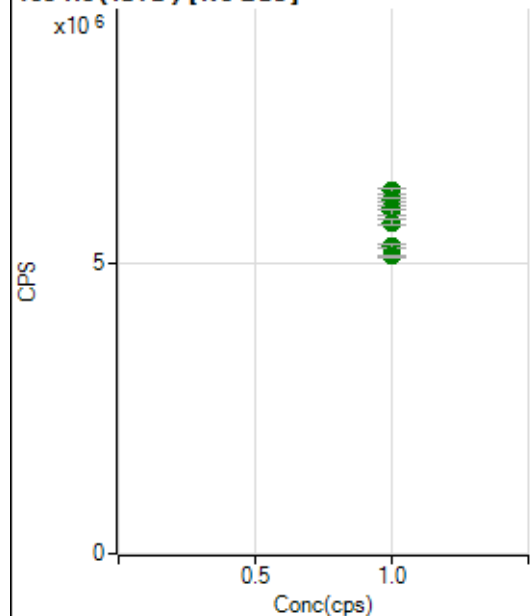
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2213911.53		A	1.5
2	☐	1.000		2192576.98		A	3.1
3	☐	1.000		2181599.94		A	1.3
4	☐	1.000		2149991.66		A	1.5
5	☐	1.000		2089470.21		A	1.3
6	☐	1.000		1984096.54		A	2.4
7	☐	1.000		1815092.59		A	0.4
8	☐	1.000		1847033.88		A	0.7

159 Tb (ISTD) [No Gas]

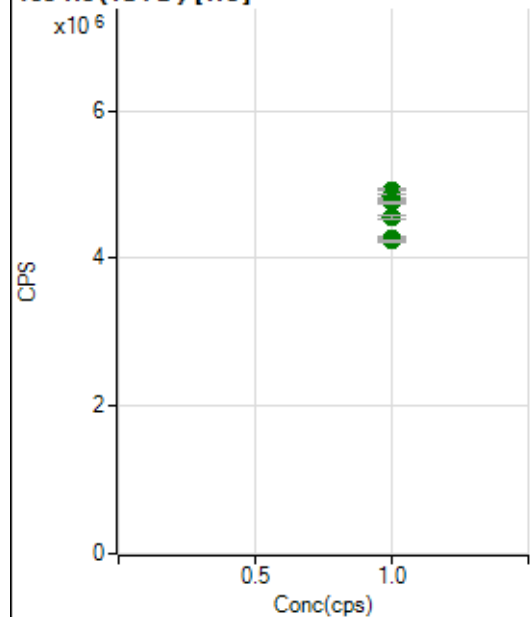
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6421314.49		A	2.7
2	☐	1.000		6288123.03		A	1.2
3	☐	1.000		6282083.03		A	2.1
4	☐	1.000		6236855.53		A	1.1
5	☐	1.000		6143790.53		A	0.6
6	☐	1.000		5799896.02		A	0.2
7	☐	1.000		5423435.96		A	1.0
8	☐	1.000		5191953.08		A	0.2

159 Tb (ISTD) [He]

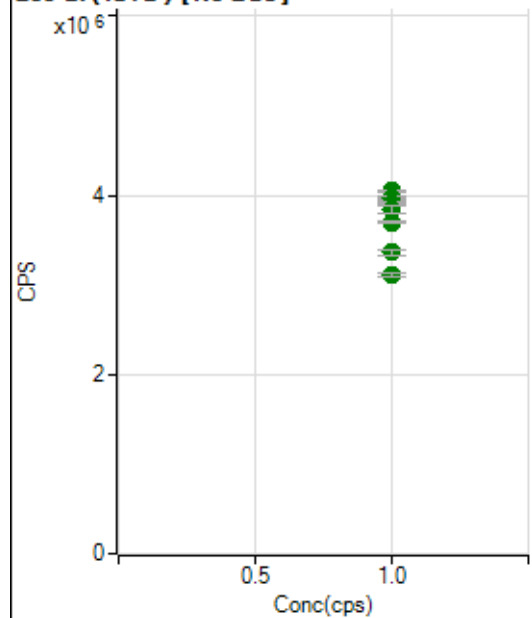
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4833719.20		A	1.5
2	☐	1.000		4878014.16		A	0.5
3	☐	1.000		4816907.53		A	1.5
4	☐	1.000		4777306.84		A	1.9
5	☐	1.000		4718979.27		A	0.5
6	☐	1.000		4499050.52		A	2.2
7	☐	1.000		4229293.79		A	0.7
8	☐	1.000		4242938.48		A	0.4

165 Ho (ISTD) [No Gas]

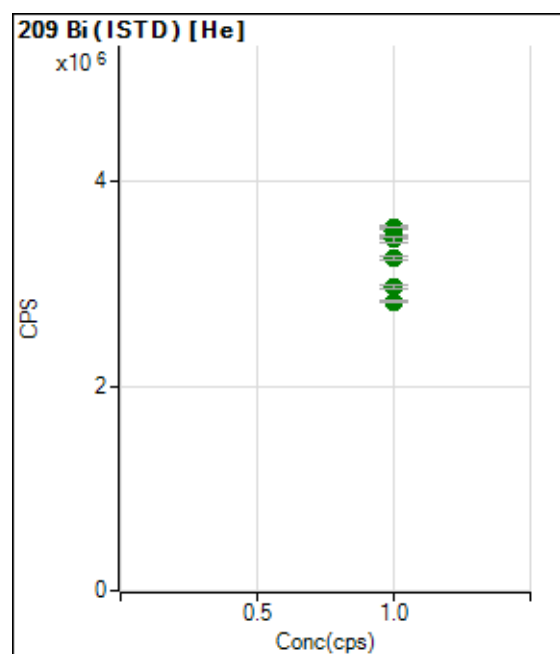
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6187970.32		A	2.4
2	☐	1.000		6232482.55		A	1.5
3	☐	1.000		6076871.37		A	1.3
4	☐	1.000		5941225.33		A	0.8
5	☐	1.000		5865024.29		A	1.3
6	☐	1.000		5695909.84		A	1.7
7	☐	1.000		5272870.24		A	1.1
8	☐	1.000		5116680.69		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4916131.59		A	1.9
2	☐	1.000		4880572.74		A	1.9
3	☐	1.000		4801435.87		A	0.5
4	☐	1.000		4837960.55		A	1.4
5	☐	1.000		4758086.63		A	0.6
6	☐	1.000		4557327.78		A	1.1
7	☐	1.000		4283525.91		A	0.6
8	☐	1.000		4241371.29		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4047483.00		A	0.7
2	☐	1.000		3977901.64		A	0.8
3	☐	1.000		3961876.30		A	1.1
4	☐	1.000		3912232.82		A	0.3
5	☐	1.000		3836900.26		A	2.4
6	☐	1.000		3700401.26		A	0.8
7	☐	1.000		3359035.96		A	1.9
8	☐	1.000		3116257.00		A	1.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3543686.96		A	1.2
2	☐	1.000		3516055.50		A	1.9
3	☐	1.000		3452356.93		A	0.9
4	☐	1.000		3433431.93		A	1.6
5	☐	1.000		3430851.23		A	1.7
6	☐	1.000		3250536.03		A	1.0
7	☐	1.000		2973916.83		A	1.1
8	☐	1.000		2822234.16		A	0.5