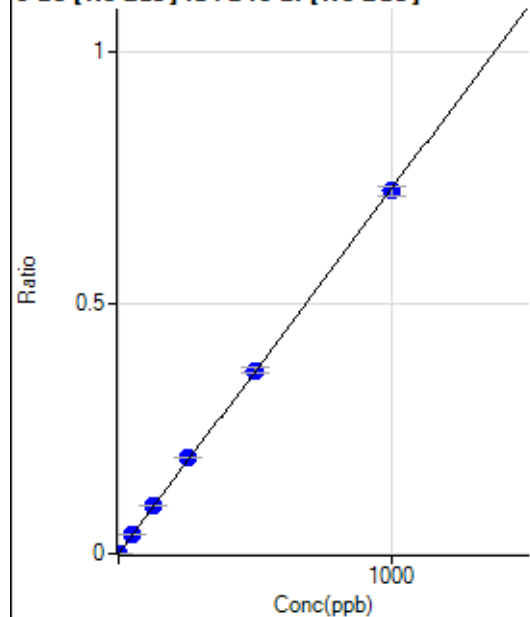


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101923MS.b\
 Analysis File: P7101923MS.batch.bin
 DA Date-Time: 2023-10-20 11:46:33
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-19 11:47:57
2	006CALS.d	S02	2023-10-19 11:54:30
3	007CALS.d	S03	2023-10-19 11:57:45
4	008CALS.d	S04	2023-10-19 12:00:53
5	009CALS.d	S05	2023-10-19 12:03:49
6	010CALS.d	S06	2023-10-19 12:06:39
7	011CALS.d	S07	2023-10-19 12:09:25
8	012CALS.d	S08	2023-10-19 12:12:12

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.22	0.0000	P	27.5
2	☐	1.000	1.002	1267.84	0.0008	P	1.7
3	☐	50.000	52.914	63791.04	0.0385	P	1.1
4	☐	125.000	129.665	150577.86	0.0944	P	0.4
5	☐	250.000	262.250	292717.85	0.1908	P	0.9
6	☐	500.000	503.192	552156.58	0.3660	P	3.3
7	☐	1000.000	994.613	1037588.09	0.7235	P	2.7
8	☐			477.79	0.0003	P	20.0

$$y = 7.2736E-004 * x + 3.7866E-005$$

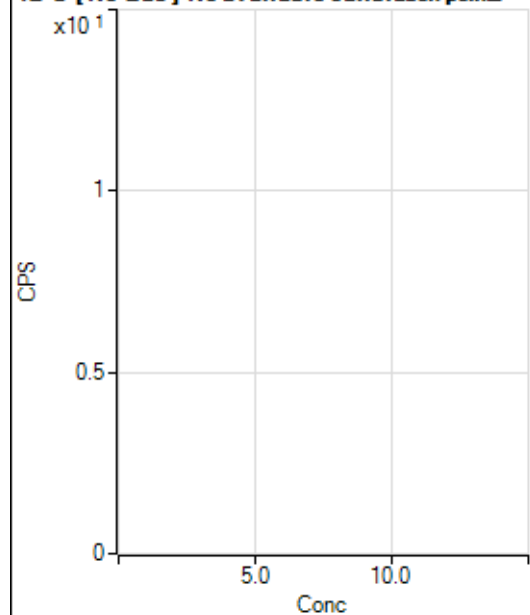
$$R = 0.9999$$

$$DL = 0.04296$$

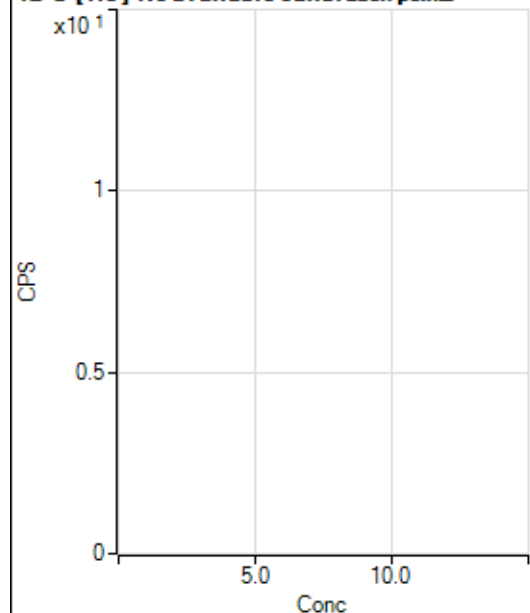
$$BEC = 0.05206$$

Weight: <None>

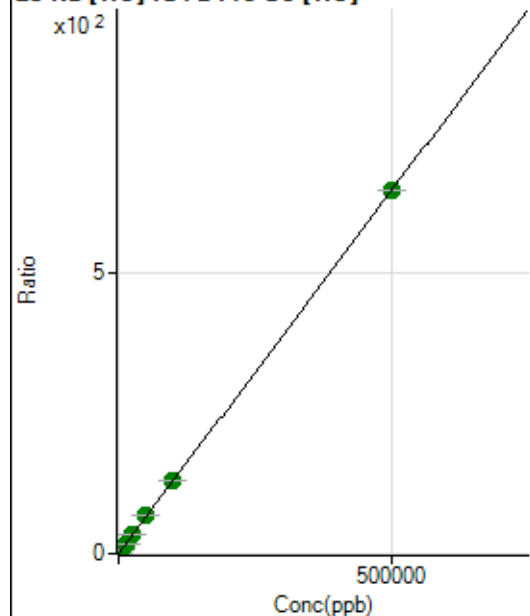
Min Conc: 0

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	8881.51	0.0264	P	0.9
2	☐	500.000	470.981	219875.99	0.6344	P	4.0
3	☐	5000.000	5452.795	2199065.75	7.0660	A	6.9
4	☐	12500.000	12801.402	5172046.04	16.5531	A	0.9
5	☐	25000.000	26124.117	10267787.76	33.7528	A	1.1
6	☐	50000.000	51757.663	19781714.01	66.8460	A	0.0
7	☐	100000.00	100062.08	38205086.37	129.2074	A	0.5
8	☐	500000.00	499743.57	180110128.4	645.1995	A	0.1

$$y = 0.0013 * x + 0.0264$$

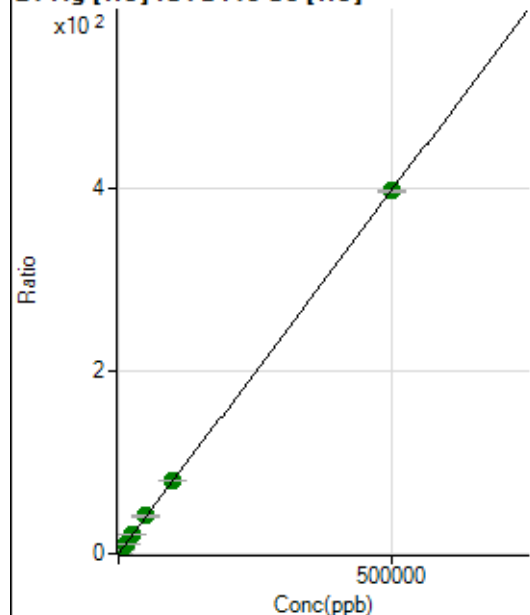
$$R = 1.0000$$

$$DL = 0.5667$$

$$BEC = 20.45$$

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	585.58	0.0017	P	12.9
2	☐	500.000	468.889	129495.89	0.3736	P	3.5
3	☐	5000.000	5472.852	1351032.64	4.3420	A	7.5
4	☐	12500.000	13077.767	3241065.47	10.3732	A	1.9
5	☐	25000.000	26293.045	6343885.12	20.8537	A	0.8
6	☐	50000.000	51651.481	12122558.99	40.9645	A	0.4
7	☐	100000.00	100322.87	23526125.21	79.5640	A	0.5
8	☐	500000.00	499686.48	110623415.0	396.2839	A	0.3

$$y = 7.9306\text{E-}004 * x + 0.0017$$

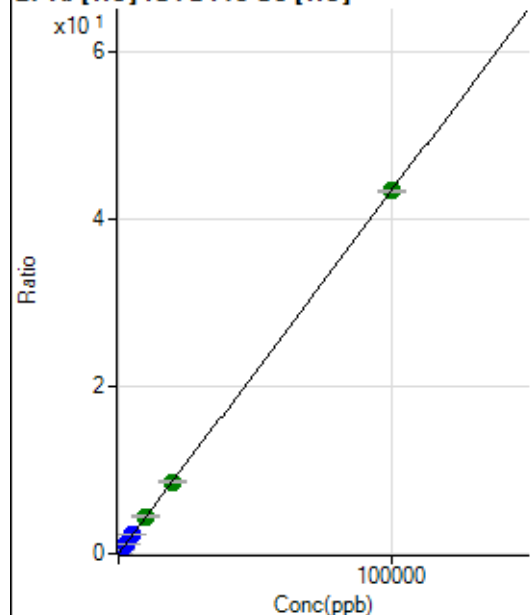
$$R = 1.0000$$

$$DL = 0.8479$$

$$BEC = 2.195$$

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	115.56	0.0003	P	9.4
2	☐	20.000	22.687	3527.10	0.0102	P	5.1
3	☐	1000.000	1117.527	150894.17	0.4849	P	7.0
4	☐	2500.000	2744.911	371965.20	1.1905	P	0.6
5	☐	5000.000	5494.559	724847.29	2.3827	P	0.6
6	☐	10000.000	10275.399	1318502.18	4.4555	A	1.3
7	☐	20000.000	19860.376	2546248.23	8.6113	A	0.9
8	☐	100000.00	99968.358	12099960.65	43.3443	A	0.8

$$y = 4.3358\text{E-}004 * x + 3.4354\text{E-}004$$

$$R = 1.0000$$

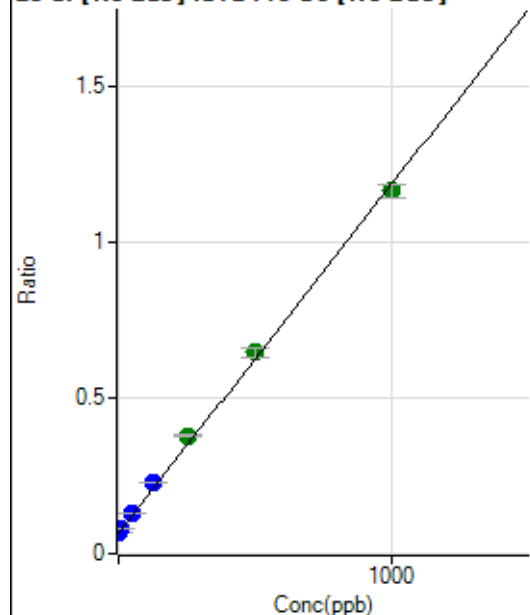
$$DL = 0.2226$$

$$BEC = 0.7924$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	264015.14	0.0658	P	2.4
2	☐	10.000	13.708	318045.18	0.0811	P	1.0
3	☐	50.000	55.714	500007.81	0.1281	P	1.7
4	☐	125.000	145.326	846883.15	0.2282	P	1.4
5	☐	250.000	279.022	1369284.72	0.3777	A	1.1
6	☐	500.000	517.884	2295454.83	0.6448	A	5.0
7	☐	1000.000	980.939	3929189.18	1.1625	A	3.4
8	☐			271984.13	0.0811	P	1.8

$$y = 0.0011 * x + 0.0658$$

$$R = 0.9992$$

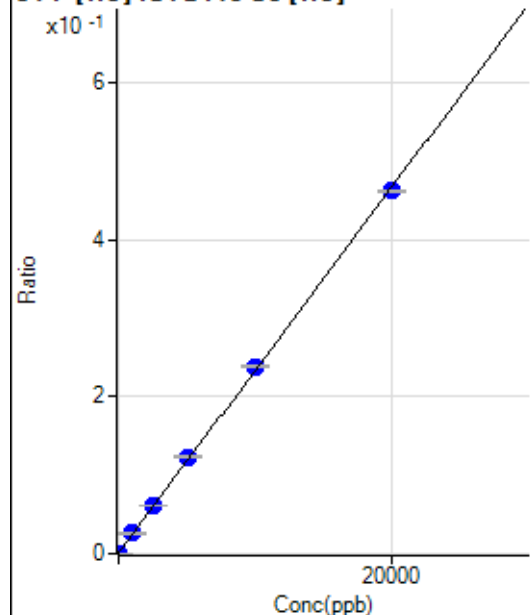
$$DL = 4.155$$

$$BEC = 58.83$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-7.492	217.78	0.0006	P	20.6
2	☐	0.000	7.492	344.45	0.0010	P	17.0
3	☐	1000.000	1071.247	8021.07	0.0258	P	7.9
4	☐	2500.000	2559.485	18891.76	0.0605	P	0.7
5	☐	5000.000	5265.577	37574.91	0.1235	P	1.3
6	☐	10000.000	10214.487	70678.73	0.2388	P	0.9
7	☐	20000.000	19815.364	136772.29	0.4626	P	0.8
8	☐			198.89	0.0007	P	8.6

$$y = 2.3302E-005 * x + 8.2164E-004$$

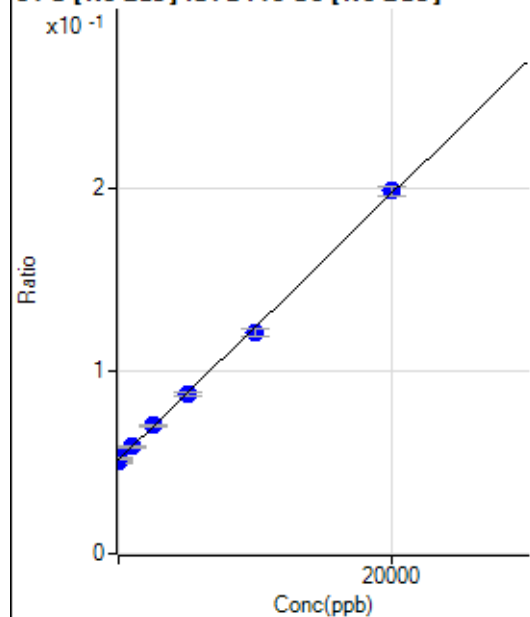
$$R = 0.9998$$

$$DL = 19.44$$

$$BEC = 35.26$$

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	-126.157	202118.37	0.0504	P	2.2
2	☐	0.000	126.157	204681.69	0.0522	P	0.9
3	☐	1000.000	1038.775	229768.42	0.0588	P	1.6
4	☐	2500.000	2574.555	259910.14	0.0700	P	0.9
5	☐	5000.000	4921.569	315946.84	0.0872	P	1.8
6	☐	10000.000	9598.399	431905.19	0.1213	P	3.1
7	☐	20000.000	20209.150	671481.09	0.1986	P	2.6
8	☐			164937.35	0.0492	P	0.1

$$y = 7.2922\text{E-}006 * x + 0.0513$$

R = 0.9996

DL = 333.2

BEC = 7031

Weight: <None>

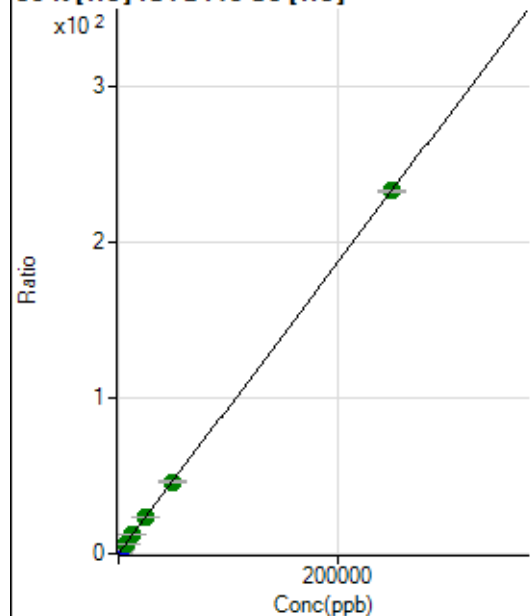
Min Conc: 0

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	57697.79	0.1715	P	1.1
2	☐	500.000	467.847	210268.22	0.6067	P	4.1
3	☐	2500.000	2860.909	881635.11	2.8331	P	7.0
4	☐	6250.000	6351.227	1899770.18	6.0802	A	0.8
5	☐	12500.000	12877.471	3696711.26	12.1517	A	0.8
6	☐	25000.000	25508.564	7073471.77	23.9028	A	0.4
7	☐	50000.000	49479.661	13661591.18	46.2037	A	1.2
8	☐	250000.00	250028.26	64981273.48	232.7794	A	0.6

$$y = 9.3033\text{E-}004 * x + 0.1715$$

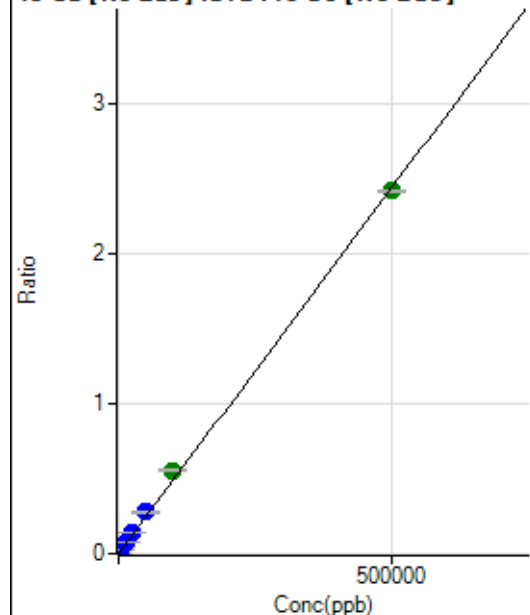
$$R = 1.0000$$

$$DL = 6.222$$

$$BEC = 184.3$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	742.25	0.0002	P	1.7
2	☐	500.000	482.249	9924.43	0.0025	P	2.9
3	☐	5000.000	5931.554	113393.65	0.0290	P	1.2
4	☐	12500.000	14745.797	266834.17	0.0719	P	1.7
5	☐	25000.000	29331.953	517931.56	0.1429	P	1.3
6	☐	50000.000	57564.684	997801.41	0.2802	P	4.1
7	☐	100000.00	113323.04	1864131.00	0.5515	A	2.7
8	☐	500000.00	496296.88	8096767.17	2.4145	A	0.4

$$y = 4.8647\text{E-}006 * x + 1.8486\text{E-}004$$

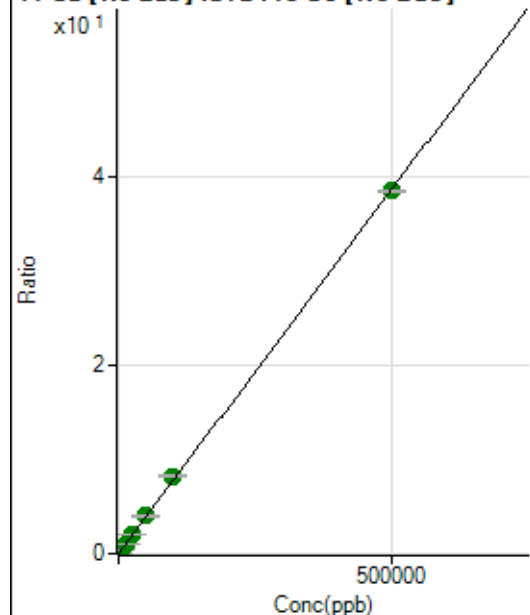
$$R = 0.9996$$

$$DL = 1.923$$

$$BEC = 38$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23446.50	0.0058	P	2.4
2	☐	500.000	490.178	171183.67	0.0437	P	1.3
3	☐	5000.000	5387.941	1645397.16	0.4214	A	2.1
4	☐	12500.000	13322.920	3835087.75	1.0335	A	0.5
5	☐	25000.000	26873.508	7535541.28	2.0787	A	1.1
6	☐	50000.000	52461.375	14429123.68	4.0524	A	4.3
7	☐	100000.00	106232.98	27719152.92	8.2000	A	2.6
8	☐	500000.00	498389.14	128929398.0	38.4487	A	0.3

$$y = 7.7134\text{E-}005 * x + 0.0058$$

$$R = 0.9999$$

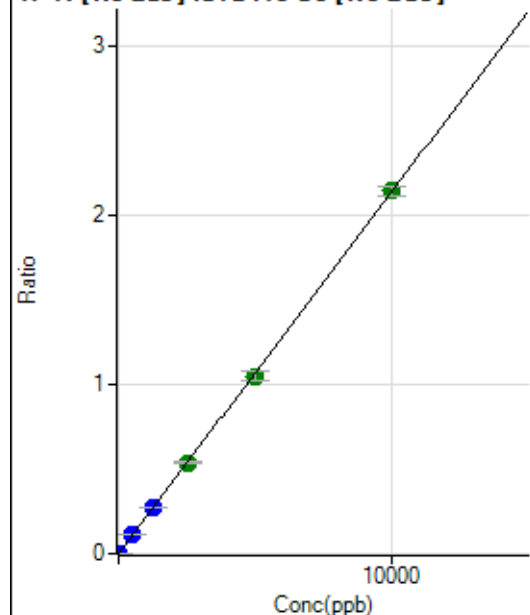
$$DL = 5.34$$

$$BEC = 75.72$$

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	75.56	0.0000	P	16.9
2	☐	5.000	4.820	4107.30	0.0010	P	3.2
3	☐	500.000	516.243	430242.09	0.1102	P	1.7
4	☐	1250.000	1275.014	1009678.77	0.2721	P	1.5
5	☐	2500.000	2509.476	1941445.75	0.5356	A	1.5
6	☐	5000.000	4918.066	3737074.42	1.0496	A	4.4
7	☐	10000.000	10034.659	7239366.14	2.1415	A	2.6
8	☐			1581.22	0.0005	P	30.0

$$y = 2.1341\text{E-}004 * x + 1.8825\text{E-}005$$

$$R = 0.9999$$

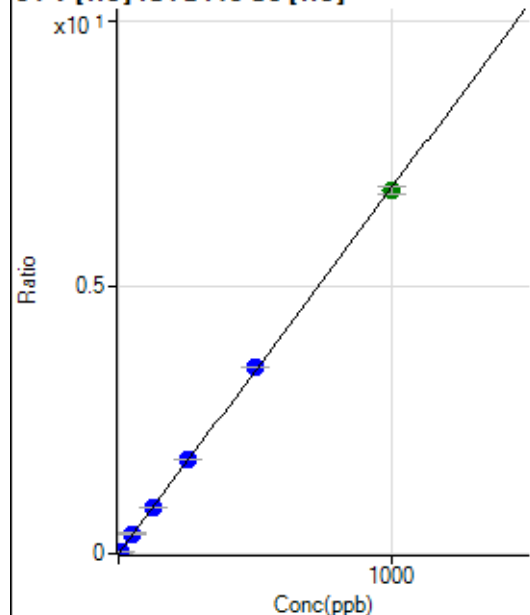
$$DL = 0.0447$$

$$BEC = 0.08821$$

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	8.89	0.0000	P	78.6
2	☐	5.000	4.581	10892.91	0.0314	P	4.7
3	☐	50.000	53.724	114641.00	0.3684	P	6.8
4	☐	125.000	126.649	271311.58	0.8683	P	0.9
5	☐	250.000	257.489	537035.94	1.7654	P	0.9
6	☐	500.000	511.441	1037669.96	3.5065	P	0.3
7	☐	1000.000	992.017	2011040.70	6.8013	A	2.0
8	☐			551.13	0.0020	P	2.4

$$y = 0.0069 * x + 2.6491\text{E-}005$$

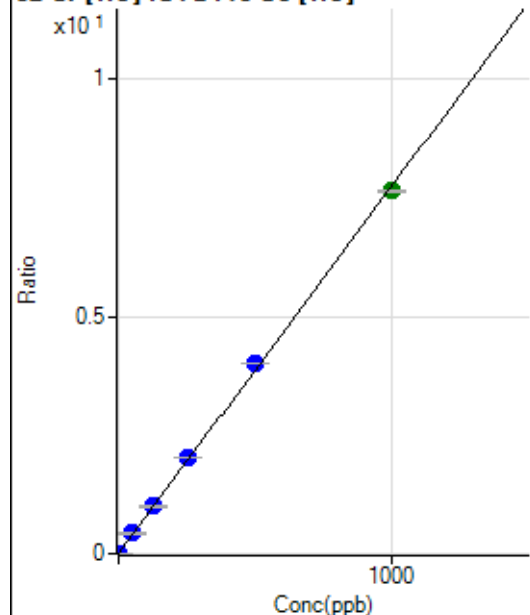
$$R = 0.9999$$

$$DL = 0.009112$$

$$BEC = 0.003864$$

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	1045.60	0.0031	P	6.3
2	☐	2.000	2.000	6444.77	0.0186	P	2.8
3	☐	50.000	54.906	133175.68	0.4281	P	7.7
4	☐	125.000	128.401	311479.97	0.9969	P	0.8
5	☐	250.000	262.001	617825.53	2.0309	P	0.7
6	☐	500.000	516.787	1184572.01	4.0029	P	0.1
7	☐	1000.000	987.936	2261848.14	7.6495	A	0.6
8	☐			6349.17	0.0227	P	2.1

$$y = 0.0077 * x + 0.0031$$

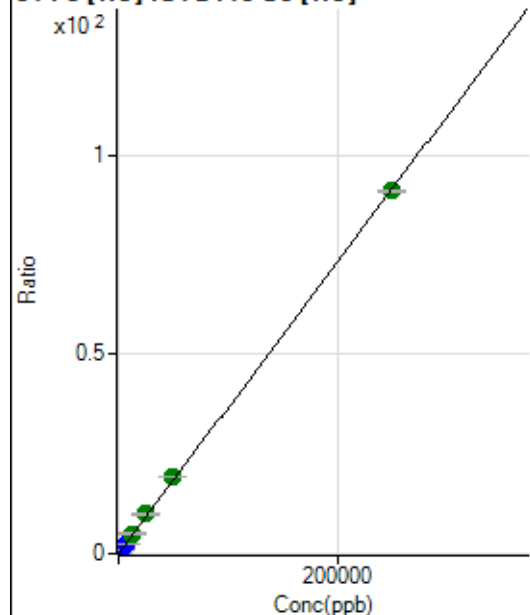
$$R = 0.9997$$

$$DL = 0.07609$$

$$BEC = 0.4014$$

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	1477.87	0.0044	P	11.9
2	☐	50.000	52.396	8152.28	0.0235	P	6.0
3	☐	2500.000	3025.641	345322.47	1.1098	P	7.3
4	☐	6250.000	7093.000	811058.48	2.5958	P	1.0
5	☐	12500.000	13827.972	1538216.23	5.0564	A	1.0
6	☐	25000.000	27105.390	2931884.82	9.9073	A	0.8
7	☐	50000.000	52304.620	5651837.42	19.1138	A	0.1
8	☐	250000.00	249235.80	25420673.79	91.0621	A	0.6

$$y = 3.6535E-004 * x + 0.0044$$

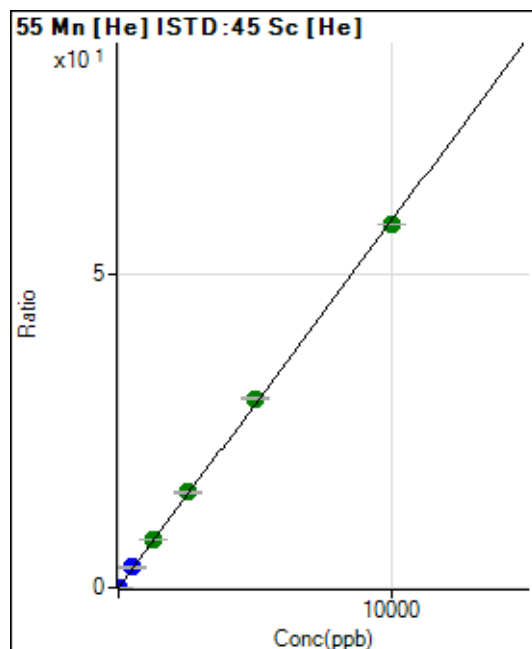
$$R = 0.9999$$

$$DL = 4.297$$

$$BEC = 12.03$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0005	P	9.7
2	☐	1.000	0.997	2215.74	0.0064	P	1.7
3	☐	500.000	552.946	1008087.39	3.2396	P	7.2
4	☐	1250.000	1292.271	2365411.79	7.5705	A	0.7
5	☐	2500.000	2602.370	4637435.41	15.2448	A	1.2
6	☐	5000.000	5159.333	8943957.02	30.2231	A	1.3
7	☐	10000.000	9886.810	17125351.97	57.9159	A	0.1
8	☐			10349.18	0.0371	P	2.2

$$y = 0.0059 * x + 5.4471E-004$$

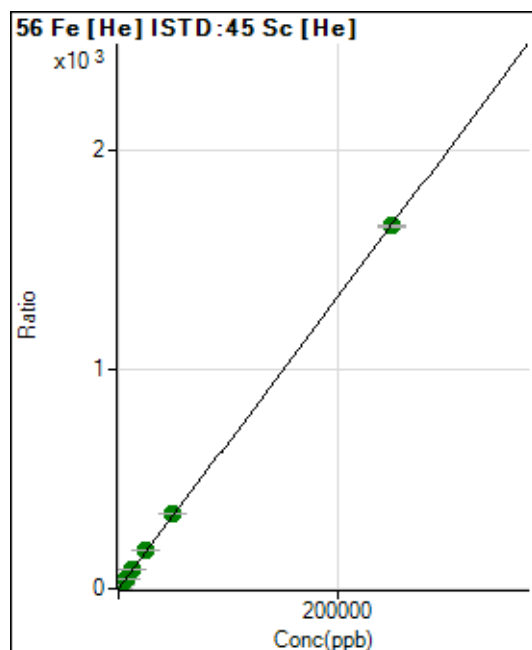
$$R = 0.9998$$

$$DL = 0.02696$$

$$BEC = 0.09299$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13426.84	0.0399	P	4.6
2	☐	50.000	51.149	131524.33	0.3796	P	4.4
3	☐	2500.000	2826.501	5851807.00	18.8084	A	7.6
4	☐	6250.000	6674.808	13860785.90	44.3618	A	1.1
5	☐	12500.000	13528.406	27338590.43	89.8709	A	1.2
6	☐	25000.000	26668.480	52416706.99	177.1232	A	0.6
7	☐	50000.000	51557.344	101242736.2	342.3896	A	0.1
8	☐	250000.00	249456.37	462410193.1	1,656.473	A	0.6

$$y = 0.0066 * x + 0.0399$$

$$R = 1.0000$$

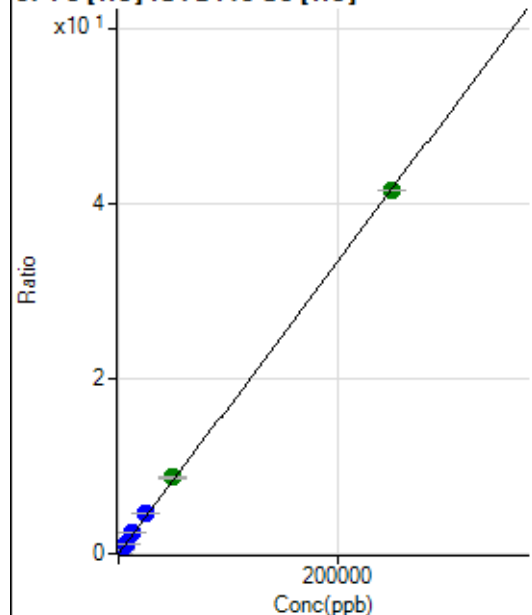
$$DL = 0.8232$$

$$BEC = 6.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	754.47	0.0022	P	2.0
2	☐	50.000	51.451	3746.06	0.0108	P	7.2
3	☐	2500.000	2993.304	155823.96	0.5008	P	7.5
4	☐	6250.000	7028.365	366480.79	1.1729	P	0.2
5	☐	12500.000	14264.559	723457.91	2.3782	P	0.9
6	☐	25000.000	28120.083	1386744.94	4.6860	P	0.3
7	☐	50000.000	52224.873	2572825.33	8.7010	A	0.6
8	☐	250000.00	249130.39	11584356.50	41.4983	A	0.1

$$y = 1.6656E-004 * x + 0.0022$$

$$R = 0.9999$$

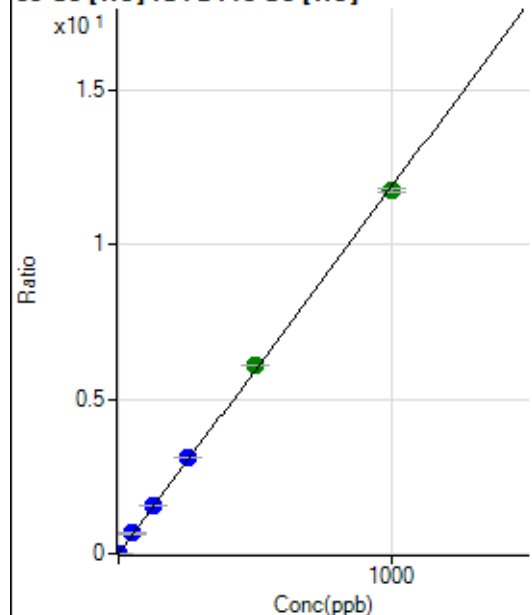
$$DL = 0.809$$

$$BEC = 13.46$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	48.89	0.0001	P	33.7
2	☐	1.000	0.956	3977.23	0.0115	P	9.3
3	☐	50.000	55.687	205698.36	0.6609	P	6.7
4	☐	125.000	129.052	478495.05	1.5314	P	0.6
5	☐	250.000	262.873	948895.30	3.1193	P	1.0
6	☐	500.000	514.511	1806664.99	6.1051	A	0.3
7	☐	1000.000	988.736	3468946.72	11.7320	A	1.2
8	☐			9554.23	0.0342	P	0.2

$$y = 0.0119 * x + 1.4535E-004$$

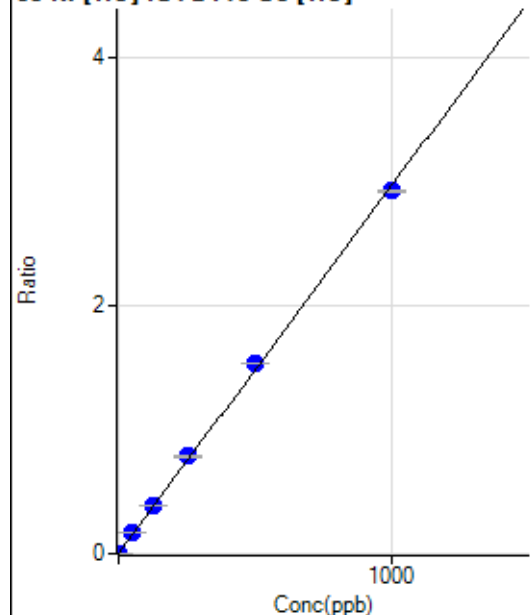
$$R = 0.9997$$

$$DL = 0.01239$$

$$BEC = 0.01225$$

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	535.57	0.0016	P	11.0
2	☐	1.000	1.147	1730.12	0.0050	P	8.0
3	☐	50.000	56.387	52592.83	0.1690	P	6.9
4	☐	125.000	131.823	122774.64	0.3929	P	0.8
5	☐	250.000	264.399	239257.78	0.7865	P	1.3
6	☐	500.000	518.053	455601.22	1.5396	P	0.2
7	☐	1000.000	986.201	866181.18	2.9294	P	0.5
8	☐			3157.03	0.0113	P	1.8

$$y = 0.0030 * x + 0.0016$$

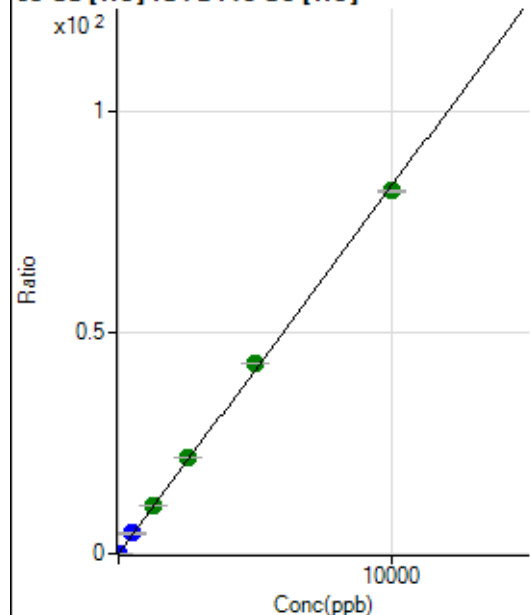
$$R = 0.9996$$

$$DL = 0.1769$$

$$BEC = 0.5363$$

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	853.37	0.0025	P	3.8
2	☐	2.000	1.909	6372.51	0.0184	P	2.4
3	☐	500.000	562.414	1452871.06	4.6688	P	7.1
4	☐	1250.000	1318.787	3419599.32	10.9443	A	0.2
5	☐	2500.000	2627.133	6631527.89	21.7995	A	0.9
6	☐	5000.000	5170.524	12695904.25	42.9017	A	0.5
7	☐	10000.000	9871.236	24217657.97	81.9029	A	0.7
8	☐			5917.89	0.0212	P	4.5

$$y = 0.0083 * x + 0.0025$$

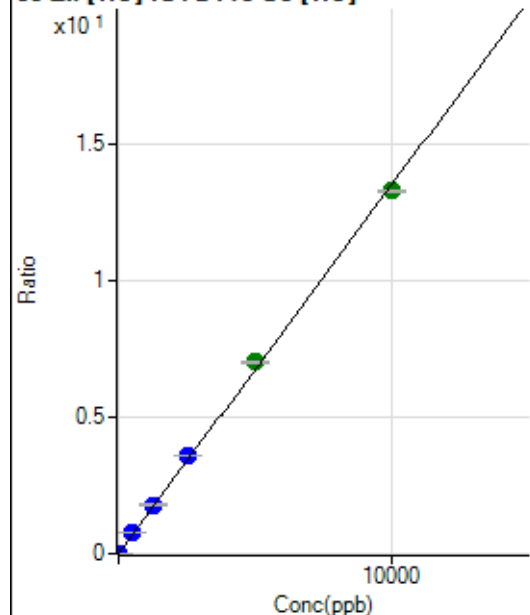
$$R = 0.9997$$

$$DL = 0.03469$$

$$BEC = 0.3057$$

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	442.23	0.0013	P	7.5
2	☐	2.000	2.203	1484.54	0.0043	P	10.5
3	☐	500.000	570.019	240091.56	0.7714	P	6.7
4	☐	1250.000	1328.027	561001.26	1.7955	P	0.4
5	☐	2500.000	2670.453	1097901.77	3.6091	P	0.9
6	☐	5000.000	5202.812	2080506.10	7.0303	A	0.6
7	☐	10000.000	9842.726	3932260.88	13.2988	A	0.8
8	☐			4079.48	0.0146	P	2.0

$$y = 0.0014 * x + 0.0013$$

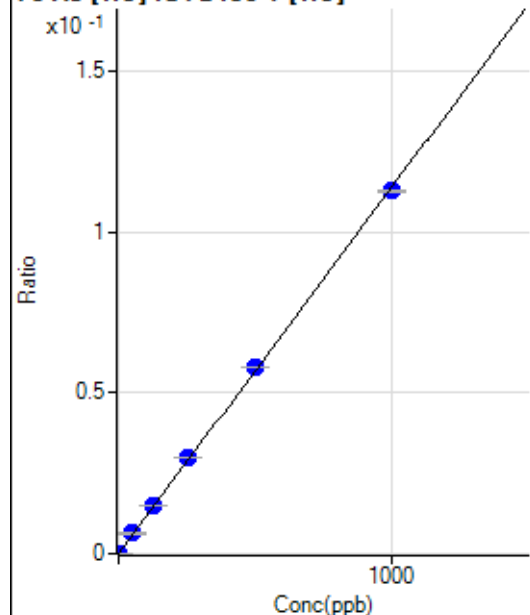
$$R = 0.9995$$

$$DL = 0.219$$

$$BEC = 0.9729$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.6
2	☐	1.000	1.054	338.90	0.0001	P	6.5
3	☐	50.000	55.187	15749.53	0.0063	P	7.4
4	☐	125.000	132.025	37756.82	0.0150	P	1.4
5	☐	250.000	263.233	74190.90	0.0300	P	1.1
6	☐	500.000	508.815	141737.77	0.0579	P	0.2
7	☐	1000.000	991.146	277002.58	0.1128	P	0.3
8	☐			110.00	0.0000	P	34.1

$$y = 1.1381E-004 * x + 2.0528E-006$$

$$R = 0.9998$$

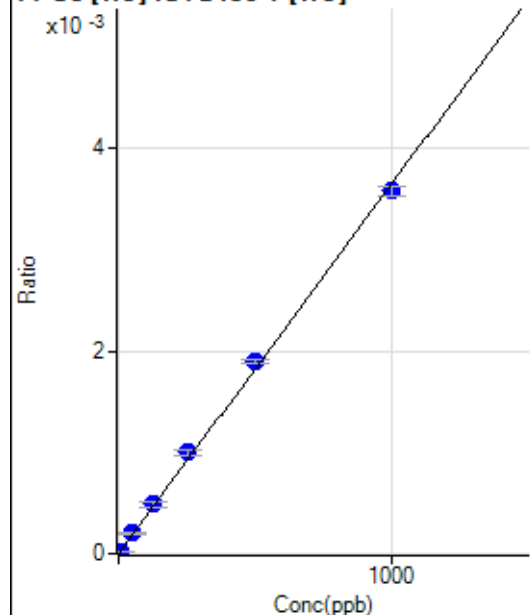
$$DL = 0.01871$$

$$BEC = 0.01804$$

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	0.00	0.0000	P	
2	☐	5.000	5.044	51.11	0.0000	P	45.9
3	☐	50.000	55.471	507.79	0.0002	P	6.2
4	☐	125.000	132.807	1215.62	0.0005	P	11.6
5	☐	250.000	273.726	2469.12	0.0010	P	7.0
6	☐	500.000	522.117	4656.33	0.0019	P	1.9
7	☐	1000.000	981.760	8784.92	0.0036	P	2.3
8	☐			42.22	0.0000	P	36.8

$$y = 3.6441\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

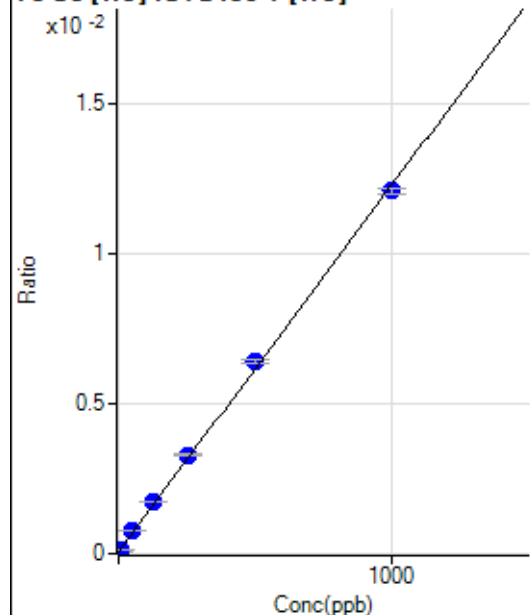
$$DL = 0$$

$$BEC = 0$$

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	175.56	0.0001	P	13.6
2	☐	5.000	4.377	326.68	0.0001	P	18.1
3	☐	50.000	57.968	1940.15	0.0008	P	2.1
4	☐	125.000	134.596	4288.44	0.0017	P	0.4
5	☐	250.000	263.321	8114.50	0.0033	P	2.0
6	☐	500.000	519.882	15680.58	0.0064	P	1.1
7	☐	1000.000	985.134	29669.74	0.0121	P	1.3
8	☐			300.01	0.0001	P	17.2

$$y = 1.2199\text{E-}005 * x + 6.4900\text{E-}005$$

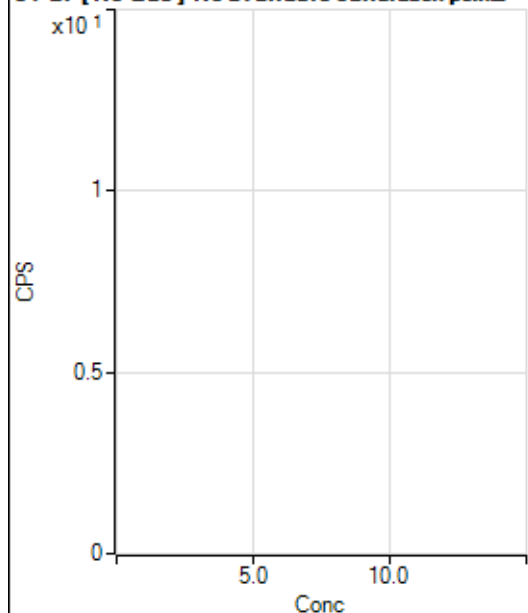
$$R = 0.9996$$

$$DL = 2.176$$

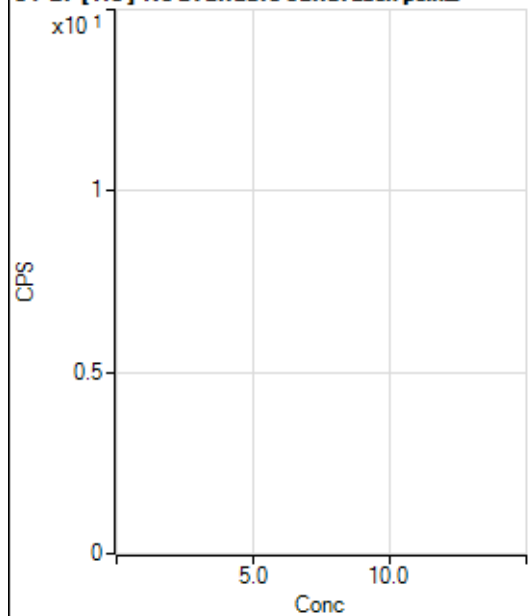
$$BEC = 5.32$$

Weight: <None>

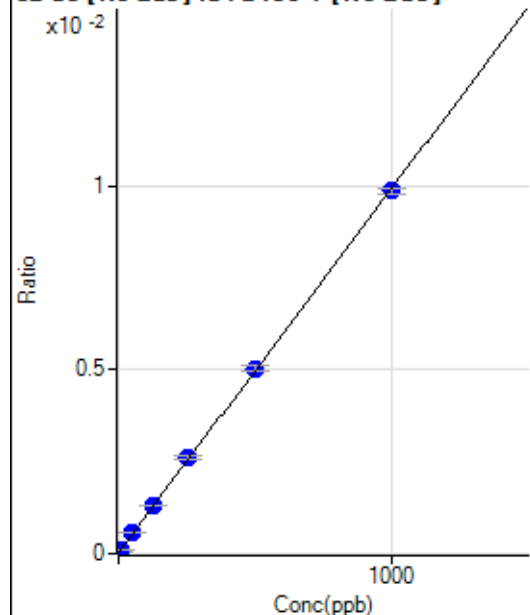
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22446.07		P	2.3
2	☐			22823.30		P	0.5
3	☐			22467.22		P	2.0
4	☐			20633.40		P	1.9
5	☐			19832.33		P	2.0
6	☐			20250.64		P	1.0
7	☐			20437.60		P	1.2
8	☐			21430.11		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			132.23		P	8.9
2	☐			124.45		P	14.8
3	☐			66.67		P	15.0
4	☐			56.66		P	10.2
5	☐			81.11		P	20.3
6	☐			70.00		P	20.8
7	☐			86.67		P	11.5
8	☐			591.13		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	363.67	0.0000	P	8.6
2	☐	5.000	5.511	986.67	0.0001	P	1.0
3	☐	50.000	53.576	6489.63	0.0006	P	1.4
4	☐	125.000	131.259	14704.01	0.0013	P	0.3
5	☐	250.000	261.059	28718.93	0.0026	P	2.1
6	☐	500.000	504.599	54327.54	0.0050	P	3.0
7	☐	1000.000	993.972	103081.43	0.0099	P	1.6
8	☐			946.50	0.0001	P	3.1

$$y = 9.8976E-006 * x + 3.0962E-005$$

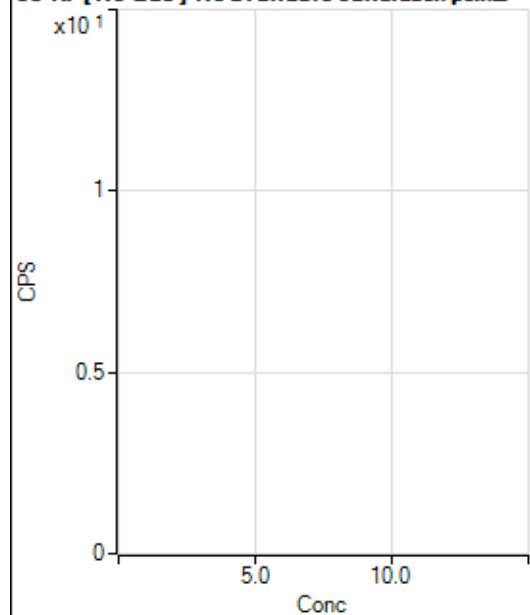
$$R = 0.9999$$

$$DL = 0.8071$$

$$BEC = 3.128$$

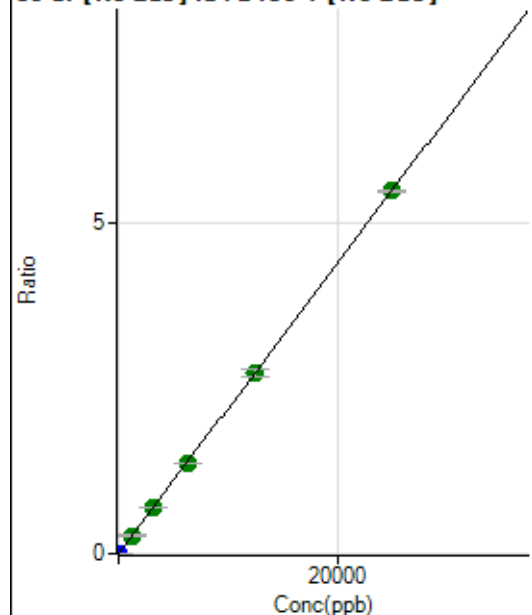
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			143.34		P	22.2
2	☐			94.44		P	5.4
3	☐			104.44		P	4.9
4	☐			132.23		P	5.8
5	☐			133.34		P	13.9
6	☐			123.33		P	26.6
7	☐			145.56		P	11.3
8	☐			158.89		P	31.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.89	0.0000	P	10.9
2	☐	1.000	0.868	2440.23	0.0002	P	3.2
3	☐	1250.000	1259.564	3192355.19	0.2761	A	1.3
4	☐	3125.000	3147.494	7627016.55	0.6899	A	0.5
5	☐	6250.000	6246.381	15038770.33	1.3692	A	1.6
6	☐	12500.000	12446.648	29491636.23	2.7282	A	3.6
7	☐	25000.000	25024.291	57299420.81	5.4852	A	0.6
8	☐			10664.32	0.0011	P	34.3

$$y = 2.1919E-004 * x + 2.1193E-005$$

$$R = 1.0000$$

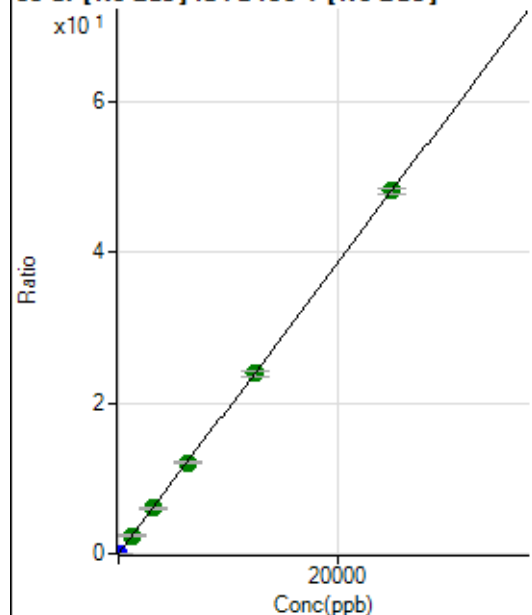
$$DL = 0.03153$$

$$BEC = 0.09669$$

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	325.56	0.0000	P	10.1
2	☐	1.000	0.916	20690.21	0.0018	P	0.6
3	☐	1250.000	1257.159	28001747.36	2.4218	A	1.0
4	☐	3125.000	3119.999	66443624.57	6.0104	A	0.3
5	☐	6250.000	6292.031	133136685.8	12.1211	A	1.3
6	☐	12500.000	12422.433	258685693.9	23.9307	A	3.6
7	☐	25000.000	25028.543	503616085.8	48.2152	A	1.4
8	☐			90794.56	0.0090	P	33.6

$$y = 0.0019 * x + 2.7709E-005$$

$$R = 1.0000$$

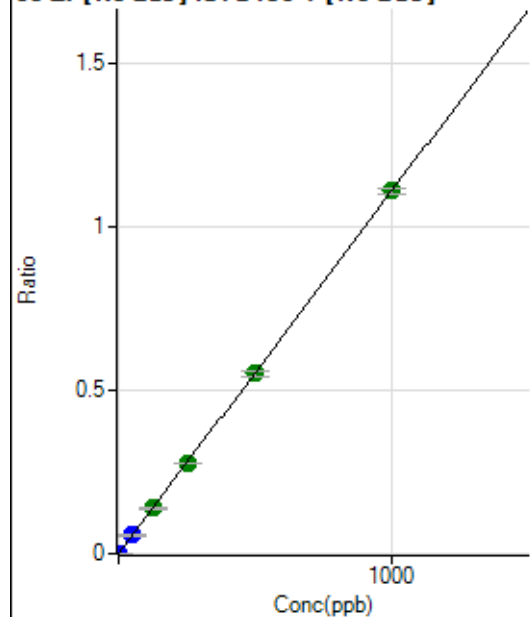
$$DL = 0.004344$$

$$BEC = 0.01438$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	470.01	0.0000	P	9.1
2	☐	1.000	0.906	12046.13	0.0010	P	3.1
3	☐	50.000	50.416	646916.39	0.0560	P	1.1
4	☐	125.000	124.995	1532842.86	0.1387	A	1.1
5	☐	250.000	249.728	3042288.43	0.2770	A	1.7
6	☐	500.000	497.453	5964049.70	0.5517	A	3.6
7	☐	1000.000	1001.322	11599361.91	1.1105	A	1.6
8	☐			6115.80	0.0006	P	13.3

$$y = 0.0011 * x + 3.9972E-005$$

$$R = 1.0000$$

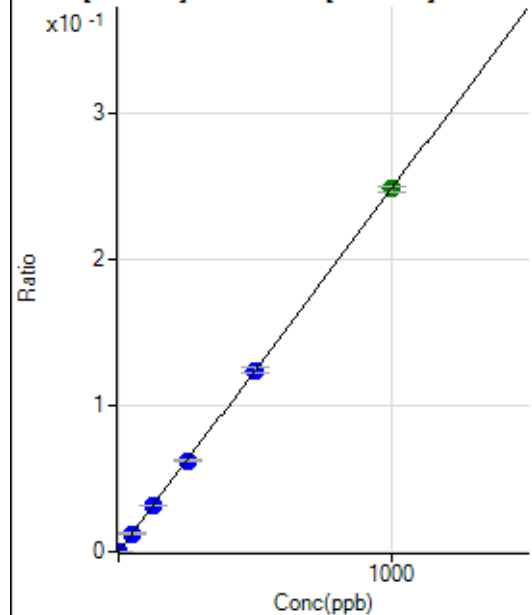
$$DL = 0.009789$$

$$BEC = 0.03604$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.78	0.0000	P	4.8
2	☐	1.000	0.923	2735.84	0.0002	P	1.6
3	☐	50.000	50.228	144072.45	0.0125	P	1.6
4	☐	125.000	125.695	344588.60	0.0312	P	0.5
5	☐	250.000	251.693	685471.39	0.0624	P	1.7
6	☐	500.000	499.105	1337701.32	0.1237	P	3.5
7	☐	1000.000	999.926	2589643.40	0.2479	A	1.5
8	☐			1384.53	0.0001	P	16.2

$$y = 2.4792E-004 * x + 8.3197E-006$$

$$R = 1.0000$$

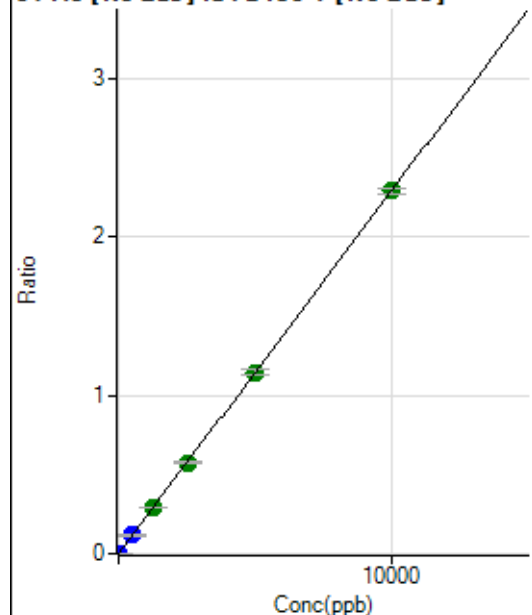
$$DL = 0.004825$$

$$BEC = 0.03356$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	190.00	0.0000	P	13.4
2	☐	5.000	5.427	14516.16	0.0013	P	2.1
3	☐	500.000	505.603	1338097.64	0.1157	P	1.0
4	☐	1250.000	1268.819	3210315.86	0.2904	A	1.1
5	☐	2500.000	2515.084	6322660.46	0.5756	A	1.2
6	☐	5000.000	4987.530	12339724.82	1.1415	A	3.3
7	☐	10000.000	9999.831	23904772.98	2.2886	A	1.6
8	☐			7832.20	0.0008	P	19.7

$$y = 2.2887E-004 * x + 1.6183E-005$$

$$R = 1.0000$$

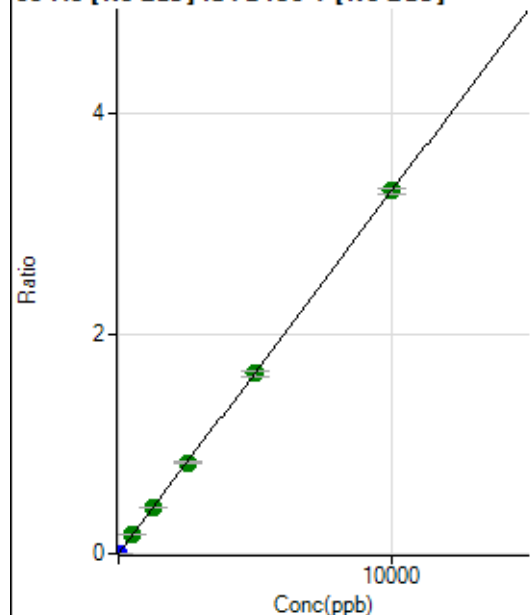
$$DL = 0.02835$$

$$BEC = 0.07071$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	34.44	0.0000	P	15.9
2	☐	5.000	4.651	17735.25	0.0015	P	1.5
3	☐	500.000	507.272	1934850.91	0.1673	A	0.7
4	☐	1250.000	1266.246	4617571.01	0.4177	A	0.9
5	☐	2500.000	2518.625	9125722.43	0.8308	A	1.1
6	☐	5000.000	4972.787	17732755.85	1.6404	A	3.4
7	☐	10000.000	10006.556	34477046.15	3.3009	A	1.7
8	☐			8433.77	0.0008	P	27.1

$$y = 3.2987E-004 * x + 2.9342E-006$$

$$R = 1.0000$$

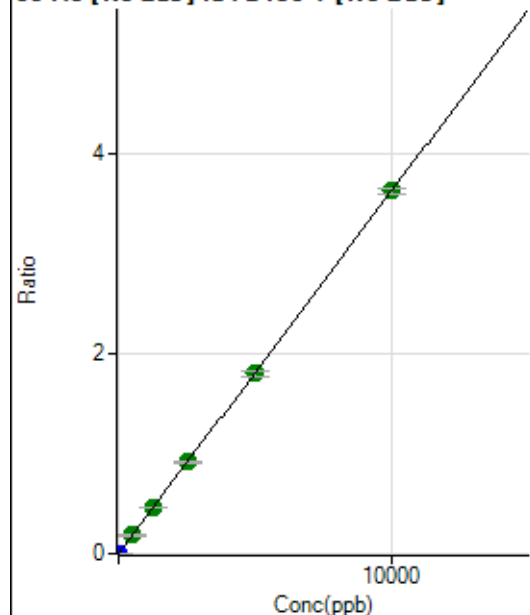
$$DL = 0.004246$$

$$BEC = 0.008895$$

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	92.22	0.0000	P	13.1
2	☐	5.000	4.726	19846.92	0.0017	P	1.8
3	☐	500.000	507.204	2125042.14	0.1838	A	2.2
4	☐	1250.000	1264.559	5065607.49	0.4582	A	0.6
5	☐	2500.000	2522.101	10038317.63	0.9139	A	1.2
6	☐	5000.000	4973.733	19482952.77	1.8023	A	3.5
7	☐	10000.000	10005.428	37868070.27	3.6256	A	1.8
8	☐			18944.83	0.0019	P	14.1

$$y = 3.6236\text{E-}004 * x + 7.8509\text{E-}006$$

$$R = 1.0000$$

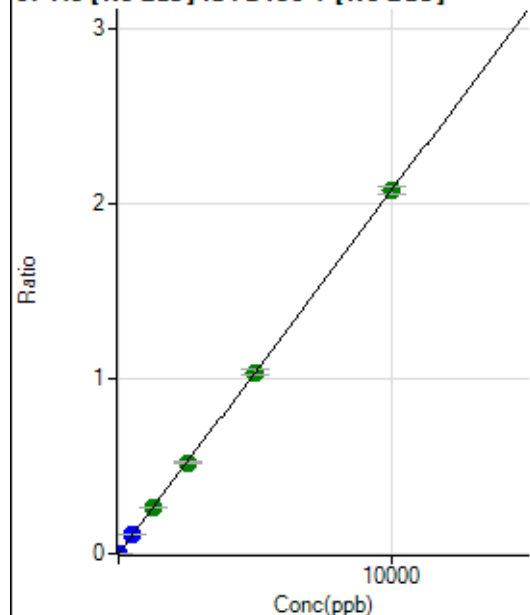
$$DL = 0.008522$$

$$BEC = 0.02167$$

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	25.55	0.0000	P	51.8
2	☐	5.000	4.588	11009.79	0.0010	P	1.4
3	☐	500.000	509.563	1222655.50	0.1057	P	1.0
4	☐	1250.000	1270.071	2913660.65	0.2636	A	0.1
5	☐	2500.000	2511.778	5725194.91	0.5212	A	1.4
6	☐	5000.000	5000.919	11218072.19	1.0378	A	3.8
7	☐	10000.000	9993.609	21660311.07	2.0739	A	2.1
8	☐			5567.84	0.0006	P	25.9

$$y = 2.0752\text{E-}004 * x + 2.1666\text{E-}006$$

$$R = 1.0000$$

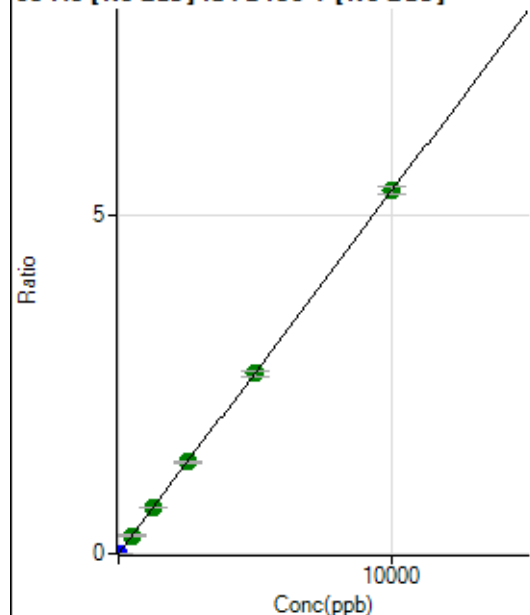
$$DL = 0.01623$$

$$BEC = 0.01044$$

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	55.55	0.0000	P	23.4
2	☐	5.000	4.585	28366.44	0.0025	P	0.8
3	☐	500.000	503.087	3113163.81	0.2693	A	1.6
4	☐	1250.000	1258.131	7443884.33	0.6734	A	0.5
5	☐	2500.000	2520.636	14817973.53	1.3491	A	1.3
6	☐	5000.000	4966.602	28736892.35	2.6582	A	3.0
7	☐	10000.000	10010.369	55958178.06	5.3577	A	2.0
8	☐			13540.11	0.0013	P	27.8

$$y = 5.3521\text{E-}004 * x + 4.7197\text{E-}006$$

$$R = 1.0000$$

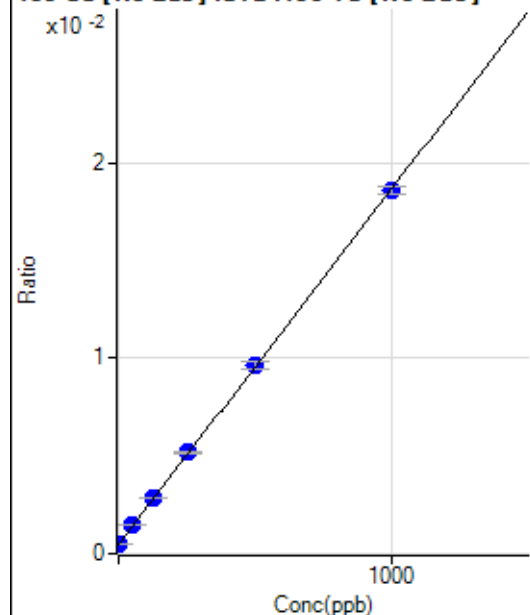
$$DL = 0.006192$$

$$BEC = 0.008818$$

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	5146.52	0.0005	P	1.8
2	☐	1.000	1.791	5497.76	0.0005	P	2.4
3	☐	50.000	55.444	15991.11	0.0015	P	1.3
4	☐	125.000	131.113	30553.21	0.0029	P	1.6
5	☐	250.000	258.865	55216.66	0.0052	P	1.4
6	☐	500.000	503.651	101974.73	0.0096	P	3.6
7	☐	1000.000	994.921	190925.74	0.0186	P	2.0
8	☐			4410.71	0.0005	P	2.9

$$y = 1.8168\text{E-}005 * x + 4.7762\text{E-}004$$

$$R = 0.9999$$

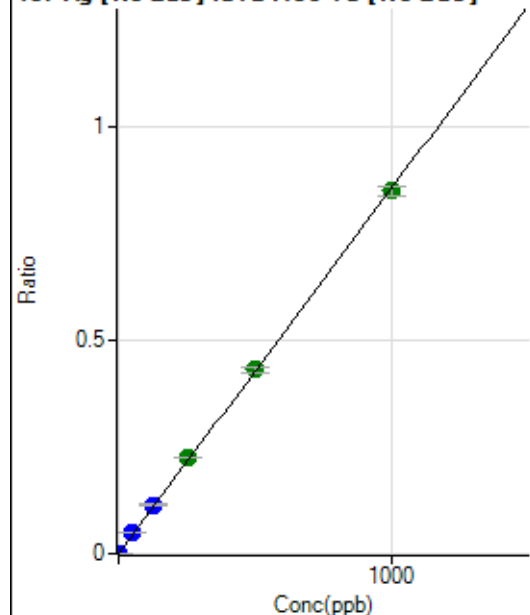
$$DL = 1.394$$

$$BEC = 26.29$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	62.22	0.0000	P	16.9
2	☐	1.000	0.958	8901.69	0.0008	P	1.8
3	☐	50.000	55.813	514674.26	0.0478	P	0.3
4	☐	125.000	134.022	1225930.14	0.1148	P	0.9
5	☐	250.000	262.540	2395929.46	0.2248	A	0.8
6	☐	500.000	504.488	4575320.49	0.4319	A	3.1
7	☐	1000.000	993.203	8750204.31	0.8503	A	2.3
8	☐			2301.32	0.0002	P	20.5

$$y = 8.5616\text{E-}004 * x + 5.7784\text{E-}006$$

$$R = 0.9999$$

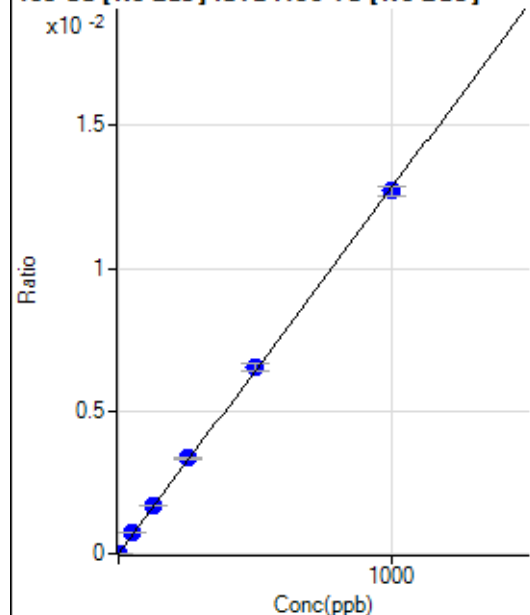
$$DL = 0.003424$$

$$BEC = 0.006749$$

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	12.22	0.0000	P	42.1
2	☐	1.000	0.861	131.11	0.0000	P	21.6
3	☐	50.000	56.281	7777.72	0.0007	P	3.4
4	☐	125.000	131.924	18066.90	0.0017	P	0.2
5	☐	250.000	261.042	35648.23	0.0033	P	2.0
6	☐	500.000	508.425	68988.49	0.0065	P	3.9
7	☐	1000.000	991.848	130745.78	0.0127	P	2.5
8	☐			90.00	0.0000	P	29.3

$$y = 1.2810\text{E-}005 * x + 1.1366\text{E-}006$$

$$R = 0.9999$$

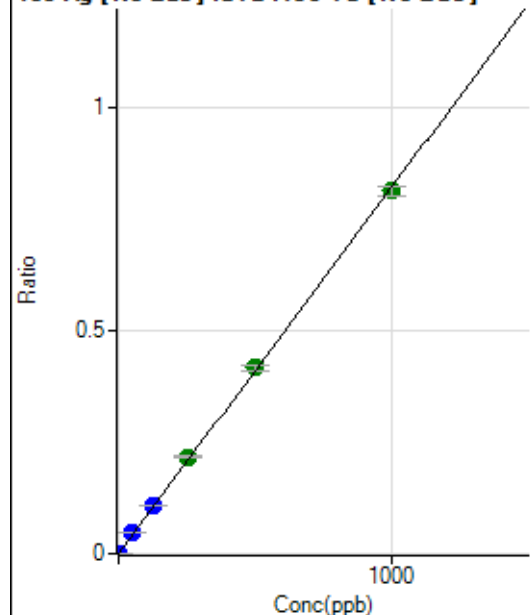
$$DL = 0.1121$$

$$BEC = 0.08873$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.9
2	☐	1.000	0.969	8595.96	0.0008	P	2.7
3	☐	50.000	55.357	489433.72	0.0454	P	0.2
4	☐	125.000	132.901	1165613.78	0.1091	P	1.0
5	☐	250.000	264.881	2317530.82	0.2175	A	1.7
6	☐	500.000	508.875	4425380.84	0.4178	A	2.9
7	☐	1000.000	990.587	8367244.87	0.8132	A	2.9
8	☐			2164.64	0.0002	P	21.7

$$y = 8.2093\text{E-}004 * x + 2.0623\text{E-}006$$

$$R = 0.9998$$

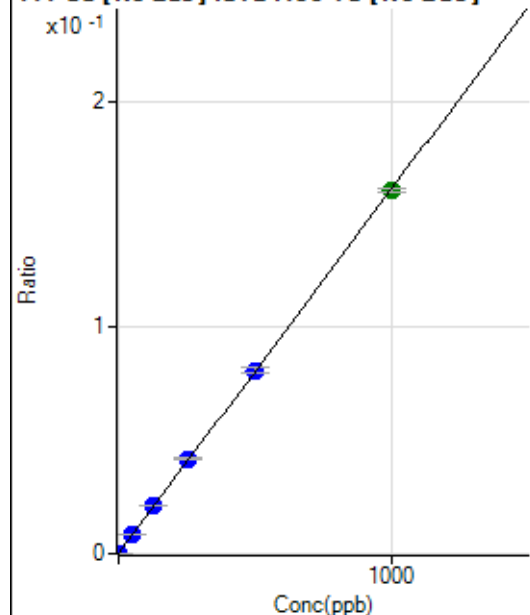
$$DL = 0.001726$$

$$BEC = 0.002512$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1026.30	0.0001	P	2.0
2	☐	1.000	1.079	2900.14	0.0003	P	4.8
3	☐	50.000	54.501	95569.93	0.0089	P	0.9
4	☐	125.000	131.504	227331.48	0.0213	P	0.6
5	☐	250.000	259.742	446968.09	0.0419	P	1.2
6	☐	500.000	503.180	859610.79	0.0812	P	3.1
7	☐	1000.000	994.936	1650513.08	0.1604	A	1.1
8	☐			1888.08	0.0002	P	2.6

$$y = 1.6109\text{E-}004 * x + 9.5244\text{E-}005$$

$$R = 0.9999$$

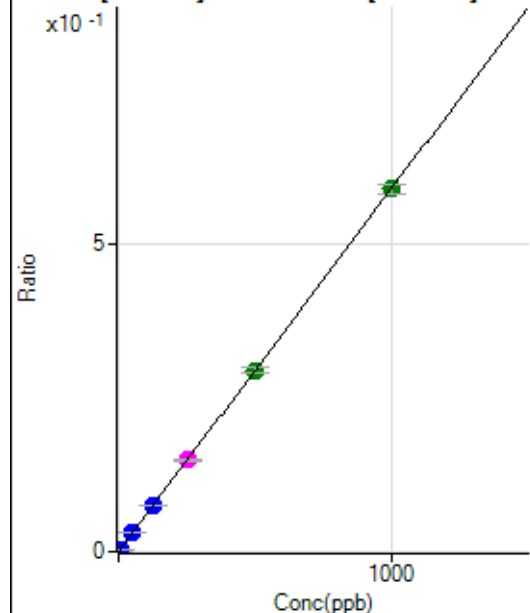
$$DL = 0.03483$$

$$BEC = 0.5913$$

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	1058.65	0.0001	P	46.5
2	☐	5.000	4.764	31317.31	0.0029	P	0.8
3	☐	50.000	52.243	332689.26	0.0309	P	1.8
4	☐	125.000	126.484	797581.93	0.0747	P	1.1
5	☐	250.000	252.652	1588375.12	0.1490	M	1.4
6	☐	500.000	499.388	3119337.52	0.2945	A	3.0
7	☐	1000.000	999.346	6062295.61	0.5892	A	2.8
8	☐			4049.50	0.0004	P	8.9

$$y = 5.8947E-004 * x + 9.8036E-005$$

$$R = 1.0000$$

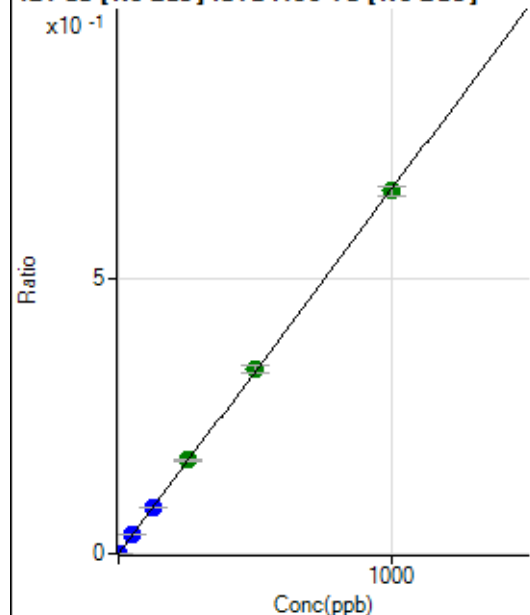
$$DL = 0.232$$

$$BEC = 0.1663$$

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	42.22	0.0000	P	42.9
2	☐	2.000	1.920	13732.20	0.0013	P	1.3
3	☐	50.000	51.866	369526.78	0.0343	P	0.2
4	☐	125.000	126.709	895480.40	0.0838	P	1.1
5	☐	250.000	257.201	1813091.99	0.1701	A	3.0
6	☐	500.000	504.692	3535768.07	0.3339	A	4.1
7	☐	1000.000	995.547	6776521.98	0.6585	A	2.4
8	☐			4676.37	0.0005	P	1.2

$$y = 6.6149E-004 * x + 3.9117E-006$$

$$R = 1.0000$$

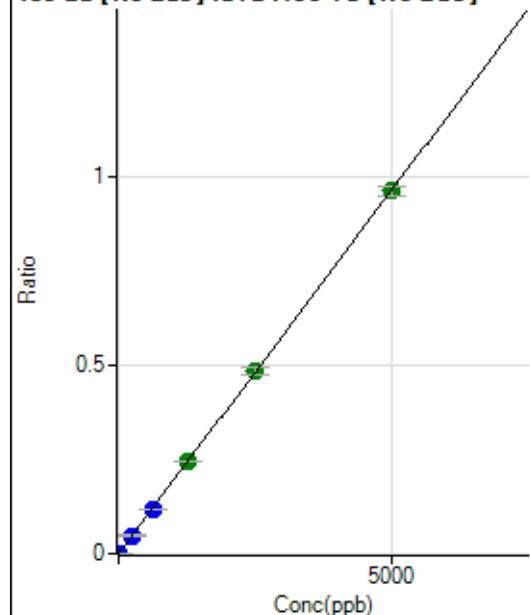
$$DL = 0.007608$$

$$BEC = 0.005913$$

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	26.67	0.0000	P	76.2
2	☐	10.000	9.203	19120.72	0.0018	P	2.5
3	☐	250.000	251.261	520984.93	0.0484	P	1.2
4	☐	625.000	612.863	1260616.01	0.1180	P	1.0
5	☐	1250.000	1271.995	2610146.89	0.2449	A	1.5
6	☐	2500.000	2503.340	5104345.20	0.4820	A	4.2
7	☐	5000.000	4994.287	9894826.73	0.9616	A	2.3
8	☐			5754.56	0.0006	P	9.2

$$y = 1.9253\text{E-}004 * x + 2.4840\text{E-}006$$

$$R = 1.0000$$

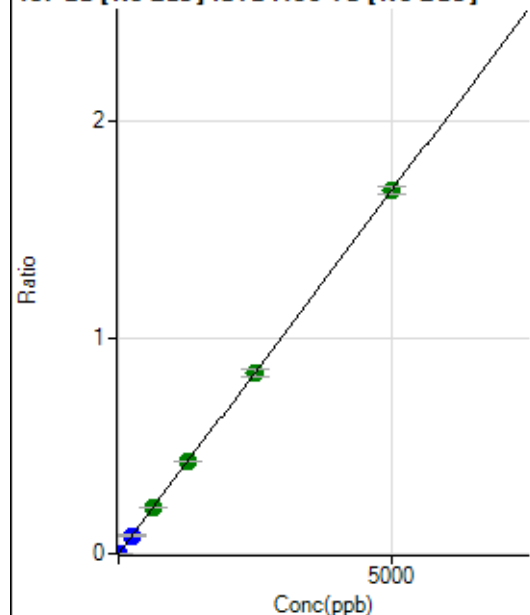
$$DL = 0.02948$$

$$BEC = 0.0129$$

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	40.00	0.0000	P	30.5
2	☐	10.000	9.019	32698.71	0.0030	P	1.2
3	☐	250.000	250.710	907274.31	0.0842	P	1.2
4	☐	625.000	636.031	2283318.07	0.2137	A	1.1
5	☐	1250.000	1269.890	4547947.09	0.4267	A	1.5
6	☐	2500.000	2488.696	8858088.96	0.8363	A	3.4
7	☐	5000.000	4999.267	17286893.63	1.6799	A	2.2
8	☐			9830.18	0.0010	P	11.3

$$y = 3.3603\text{E-}004 * x + 3.7165\text{E-}006$$

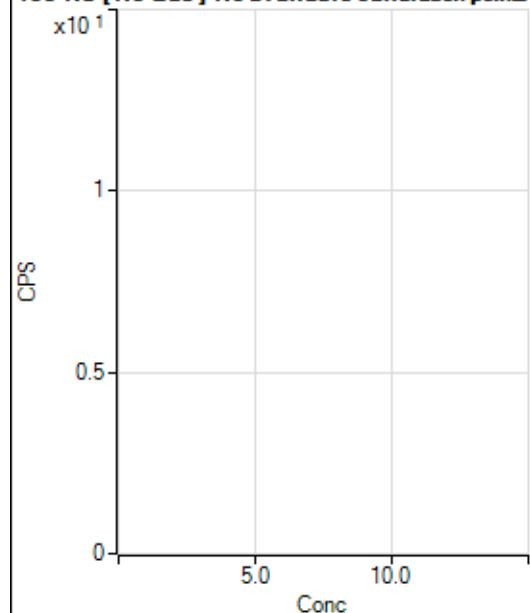
$$R = 1.0000$$

$$DL = 0.01013$$

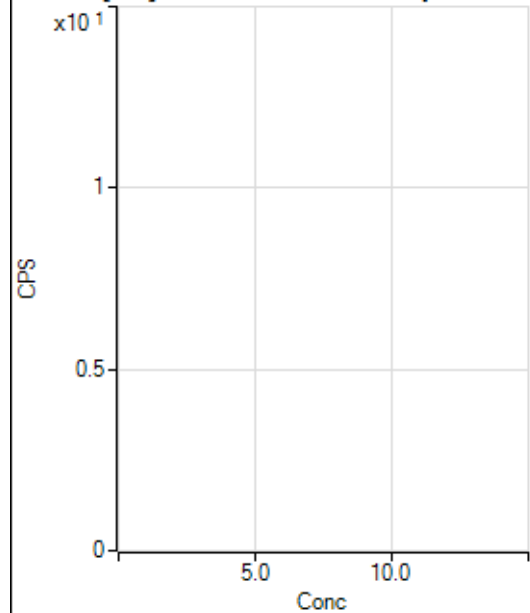
$$BEC = 0.01106$$

Weight: <None>

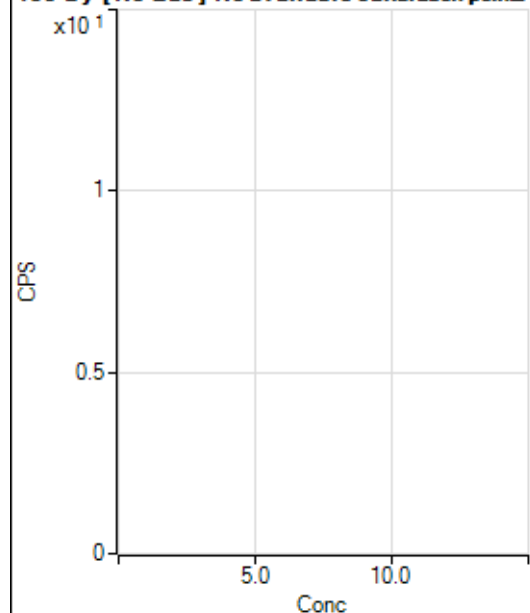
Min Conc: 0

150 Nd [No Gas] No available calibration points

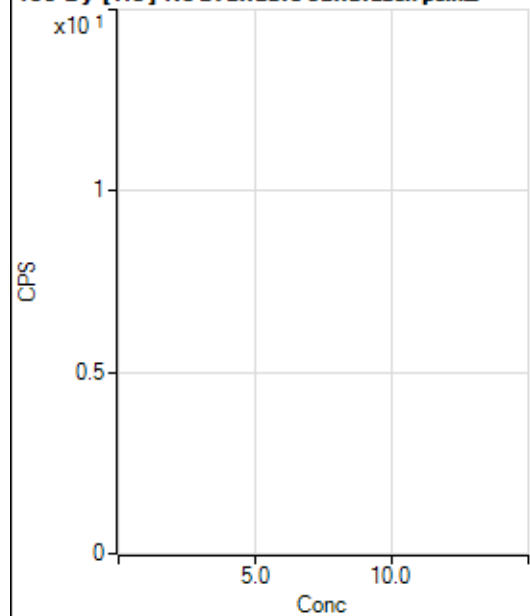
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	69.3
2	☐			13.33		P	25.0
3	☐			58.89		P	40.2
4	☐			146.67		P	15.9
5	☐			320.01		P	8.5
6	☐			610.02		P	3.9
7	☐			1147.84		P	5.1
8	☐			317.78		P	4.4

150 Nd [He] No available calibration points

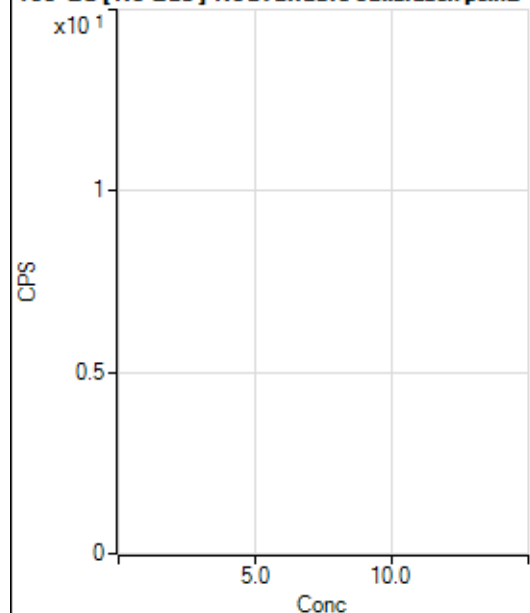
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			8.89		P	108.
3	☐			23.33		P	NaN
4	☐			25.56		P	39.8
5	☐			55.56		P	17.3
6	☐			95.55		P	17.6
7	☐			210.00		P	5.7
8	☐			157.78		P	9.5

156 Dy [No Gas] No available calibration points

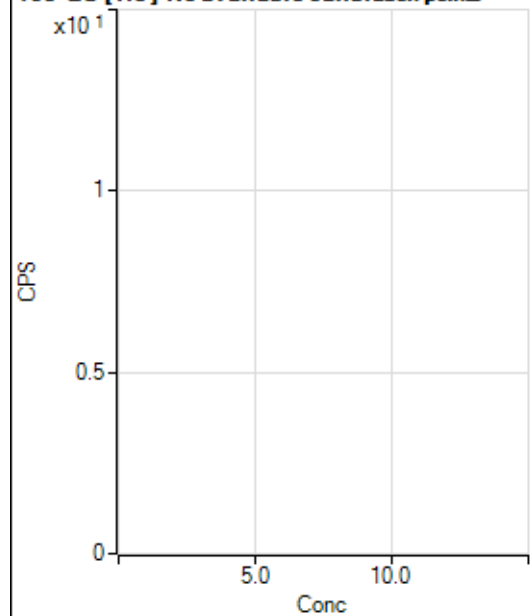
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	94.4
2	☐			15.56		P	32.7
3	☐			32.22		P	41.8
4	☐			86.67		P	11.5
5	☐			165.56		P	29.5
6	☐			282.23		P	7.9
7	☐			532.24		P	13.8
8	☐			1634.56		P	2.2

156 Dy [He] No available calibration points

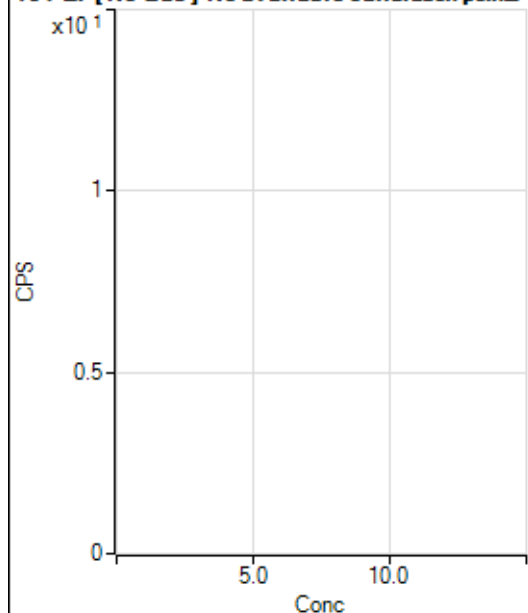
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			8.89		P	21.6
3	☐			34.45		P	20.1
4	☐			65.55		P	25.6
5	☐			166.67		P	13.9
6	☐			235.56		P	16.4
7	☐			507.79		P	6.0
8	☐			1008.94		P	3.4

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

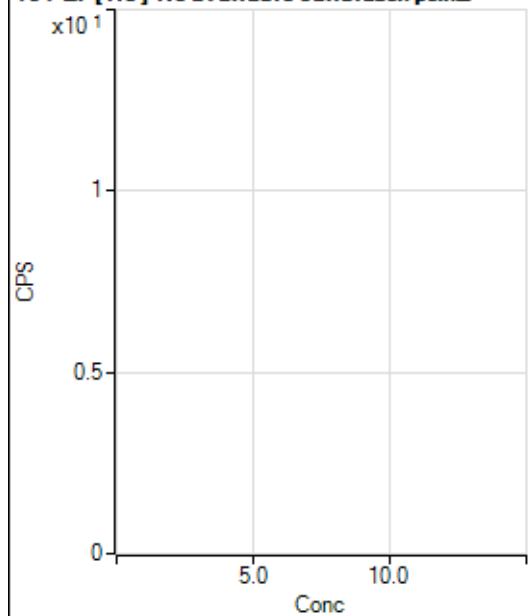
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	38.5
2	☐			42.22		P	25.4
3	☐			93.33		P	17.9
4	☐			102.22		P	18.0
5	☐			164.45		P	18.8
6	☐			232.23		P	9.3
7	☐			460.01		P	6.2
8	☐			1900.15		P	5.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			251.12		P	11.3
2	☐			293.34		P	11.4
3	☐			298.90		P	5.0
4	☐			302.23		P	10.7
5	☐			351.12		P	3.6
6	☐			403.34		P	10.8
7	☐			530.02		P	2.3
8	☐			1380.08		P	2.3

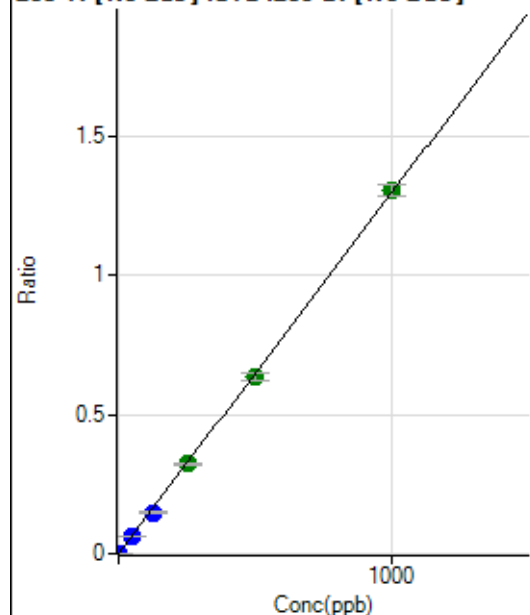
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.33		P	10.6
2	☐			98.89		P	18.6
3	☐			87.78		P	20.9
4	☐			92.23		P	10.4
5	☐			93.33		P	34.1
6	☐			128.89		P	18.7
7	☐			135.56		P	26.1
8	☐			274.45		P	13.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	26.2
2	☐			41.11		P	16.9
3	☐			41.11		P	36.6
4	☐			54.44		P	43.4
5	☐			60.00		P	11.1
6	☐			56.67		P	11.8
7	☐			81.11		P	12.6
8	☐			156.67		P	22.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	106.67	0.0000	P	27.5
2	☐	1.000	0.836	6761.74	0.0011	P	0.5
3	☐	50.000	46.623	371009.47	0.0604	P	3.8
4	☐	125.000	114.652	910015.82	0.1485	P	1.8
5	☐	250.000	249.006	1980233.62	0.3225	A	1.5
6	☐	500.000	490.576	3818785.46	0.6354	A	3.6
7	☐	1000.000	1006.423	7460790.58	1.3036	A	3.3
8	☐			1573.45	0.0003	P	32.9

$$y = 0.0013 * x + 1.7136E-005$$

$$R = 0.9999$$

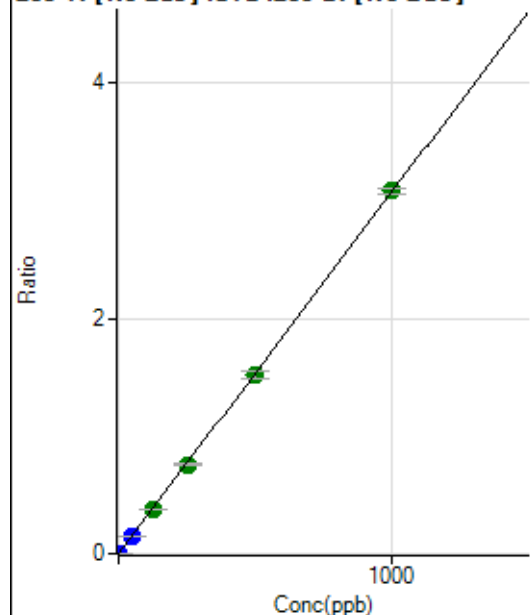
$$DL = 0.0109$$

$$BEC = 0.01323$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	280.01	0.0000	P	10.4
2	☐	1.000	0.843	16176.35	0.0026	P	1.9
3	☐	50.000	46.550	877723.69	0.1429	P	2.6
4	☐	125.000	122.817	2309439.08	0.3769	A	1.3
5	☐	250.000	247.471	4661733.05	0.7594	A	2.1
6	☐	500.000	493.557	9099415.28	1.5144	A	4.7
7	☐	1000.000	1004.300	17640359.04	3.0816	A	1.9
8	☐			3752.81	0.0007	P	27.1

$$y = 0.0031 * x + 4.4819E-005$$

$$R = 1.0000$$

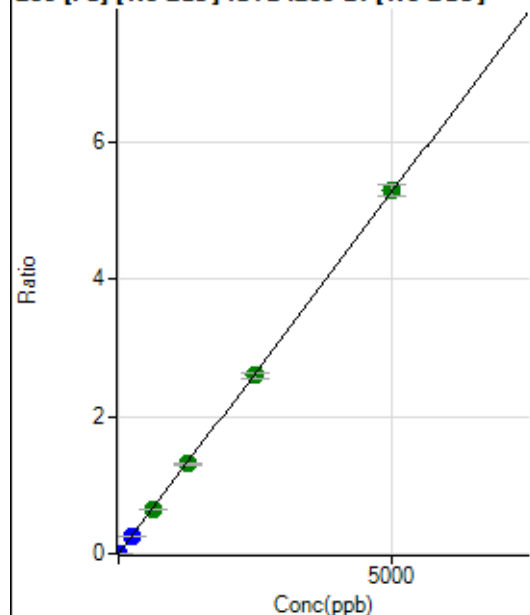
$$DL = 0.004555$$

$$BEC = 0.01461$$

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	375.57	0.0001	P	6.5
2	☐	1.000	0.845	5840.21	0.0009	P	2.6
3	☐	250.000	235.712	1524524.00	0.2482	P	3.5
4	☐	625.000	616.319	3976165.43	0.6489	A	1.1
5	☐	1250.000	1239.117	8009079.26	1.3045	A	1.4
6	☐	2500.000	2466.331	15604396.16	2.5964	A	3.5
7	☐	5000.000	5021.355	30254130.10	5.2862	A	3.2
8	☐			13978.47	0.0028	P	12.3

$$y = 0.0011 * x + 6.0210E-005$$

$$R = 1.0000$$

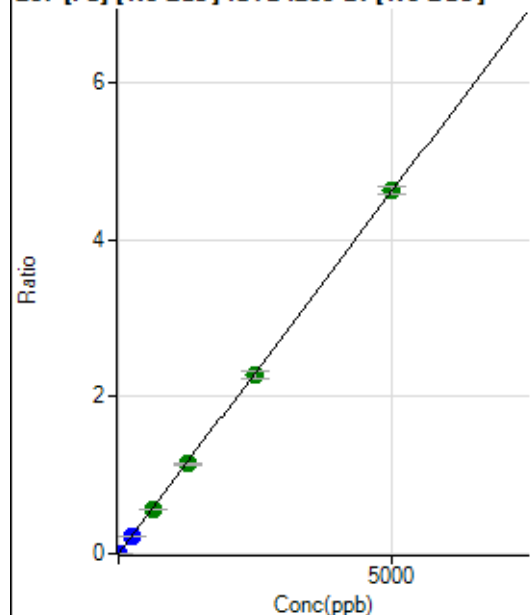
$$DL = 0.01108$$

$$BEC = 0.05719$$

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	300.01	0.0000	P	3.7
2	☐	1.000	0.826	4976.52	0.0008	P	2.7
3	☐	250.000	233.320	1321284.27	0.2151	P	2.9
4	☐	625.000	620.596	3505450.68	0.5720	A	0.4
5	☐	1250.000	1241.740	7027048.09	1.1445	A	1.0
6	☐	2500.000	2478.876	13729614.80	2.2847	A	3.9
7	☐	5000.000	5014.011	26453148.77	4.6212	A	2.1
8	☐			11582.88	0.0023	P	11.2

$$y = 9.2165E-004 * x + 4.8030E-005$$

$$R = 1.0000$$

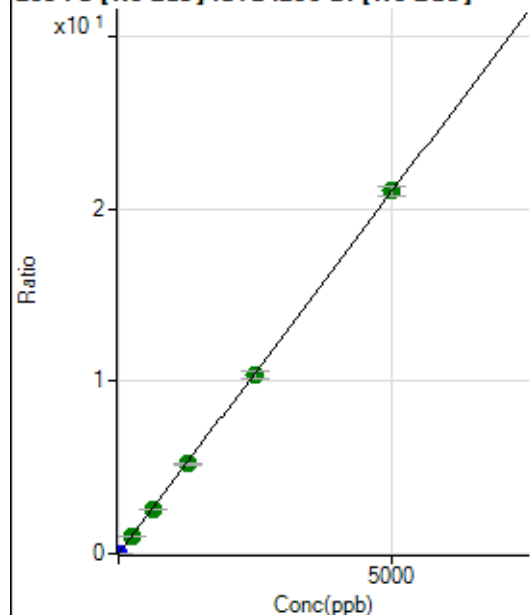
$$DL = 0.005851$$

$$BEC = 0.05211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1538.95	0.0002	P	5.1
2	☐	1.000	0.831	22981.16	0.0037	P	1.8
3	☐	250.000	242.488	6260470.34	1.0190	A	2.5
4	☐	625.000	616.638	15877044.38	2.5910	A	0.9
5	☐	1250.000	1240.288	31994673.76	5.2111	A	1.2
6	☐	2500.000	2476.214	62521972.96	10.4037	A	3.7
7	☐	5000.000	5015.742	120620283.4	21.0731	A	2.5
8	☐			54376.77	0.0109	P	12.0

$$y = 0.0042 * x + 2.4667E-004$$

$$R = 1.0000$$

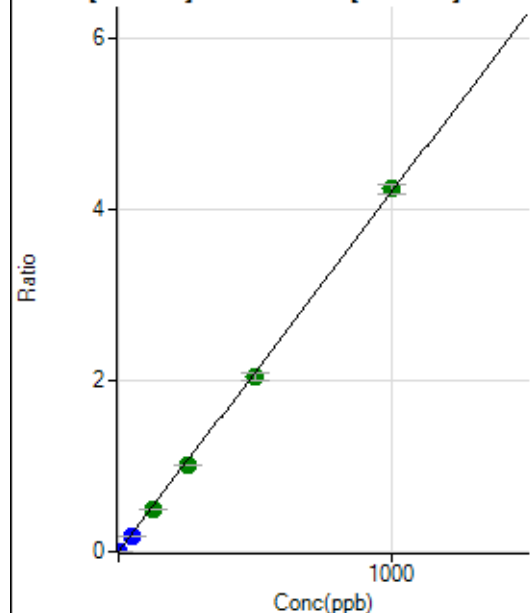
$$DL = 0.008981$$

$$BEC = 0.05871$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	45.7
2	☐	1.000	0.804	20774.02	0.0034	P	0.5
3	☐	50.000	44.238	1141508.35	0.1858	P	3.6
4	☐	125.000	118.174	3042060.33	0.4965	A	2.0
5	☐	250.000	240.860	6211826.43	1.0119	A	2.0
6	☐	500.000	488.031	12320165.51	2.0502	A	4.0
7	☐	1000.000	1009.411	24273318.53	4.2406	A	2.4
8	☐			8567.35	0.0017	P	15.7

$$y = 0.0042 * x + 1.7768E-006$$

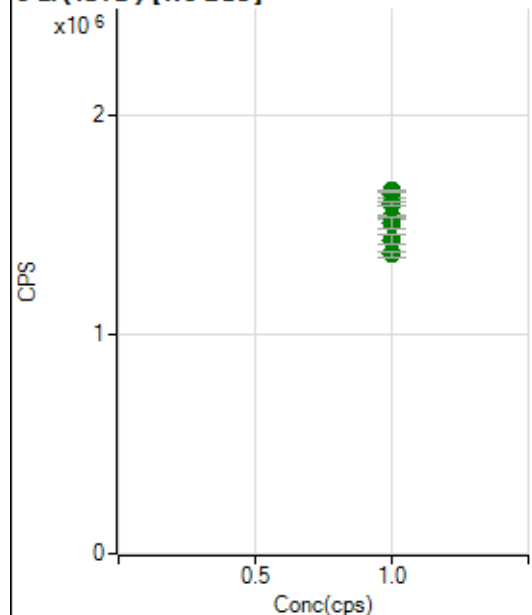
$$R = 0.9998$$

$$DL = 0.0005794$$

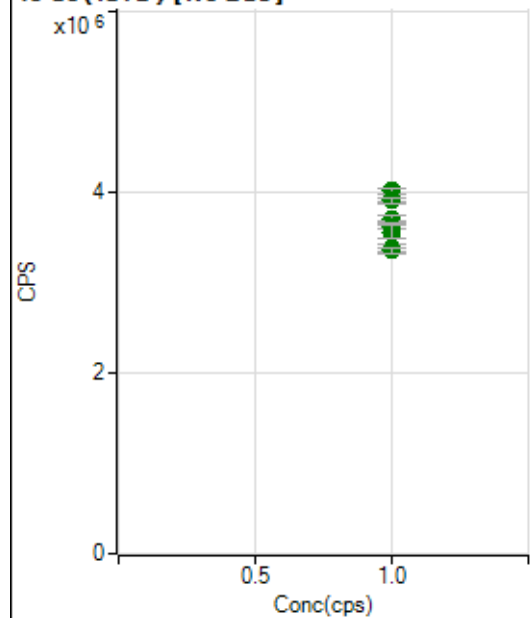
$$BEC = 0.0004229$$

Weight: <None>

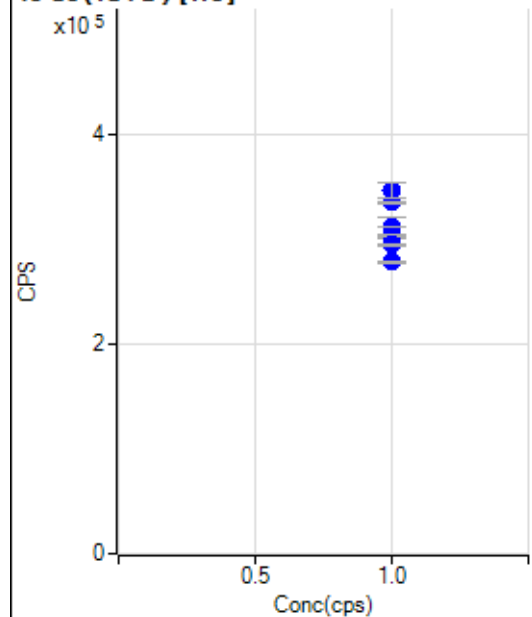
Min Conc: 0

6 Li (ISTD) [No Gas]

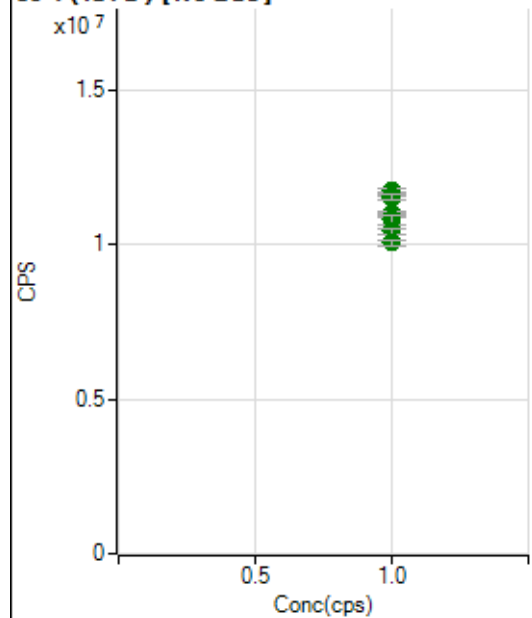
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1637649.16		A	2.1
2	☐	1.000		1654166.59		A	0.7
3	☐	1.000		1655895.12		A	0.9
4	☐	1.000		1595971.71		A	0.8
5	☐	1.000		1534366.21		A	1.1
6	☐	1.000		1509581.16		A	3.4
7	☐	1.000		1434917.00		A	3.0
8	☐	1.000		1366863.52		A	1.7

45 Sc (ISTD) [No Gas]

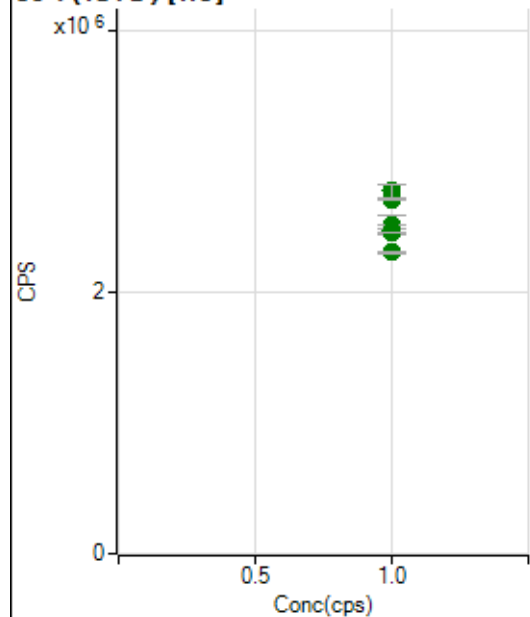
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4015062.30		A	1.5
2	☐	1.000		3922028.03		A	0.9
3	☐	1.000		3905402.79		A	2.1
4	☐	1.000		3711000.57		A	1.8
5	☐	1.000		3625538.56		A	1.6
6	☐	1.000		3564484.18		A	3.8
7	☐	1.000		3381671.58		A	2.2
8	☐	1.000		3353241.86		A	1.6

45 Sc (ISTD) [He]

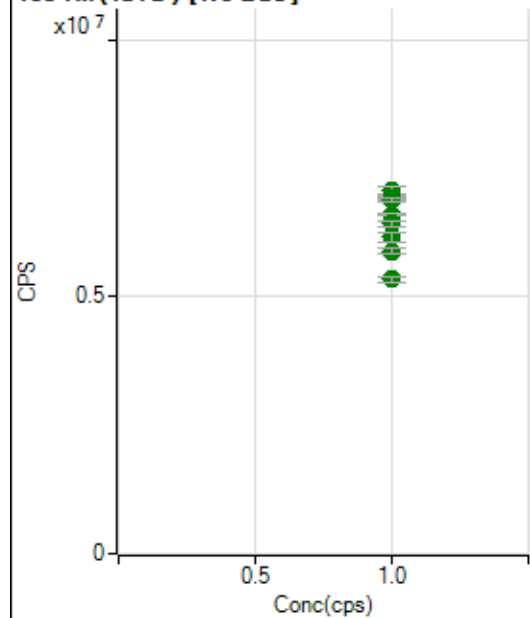
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		336478.09		P	0.5
2	☐	1.000		346949.76		P	4.1
3	☐	1.000		312105.27		P	6.2
4	☐	1.000		312454.86		P	0.3
5	☐	1.000		304225.29		P	1.1
6	☐	1.000		295929.88		P	0.4
7	☐	1.000		295693.75		P	0.5
8	☐	1.000		279152.79		P	0.7

89 Y (ISTD) [No Gas]

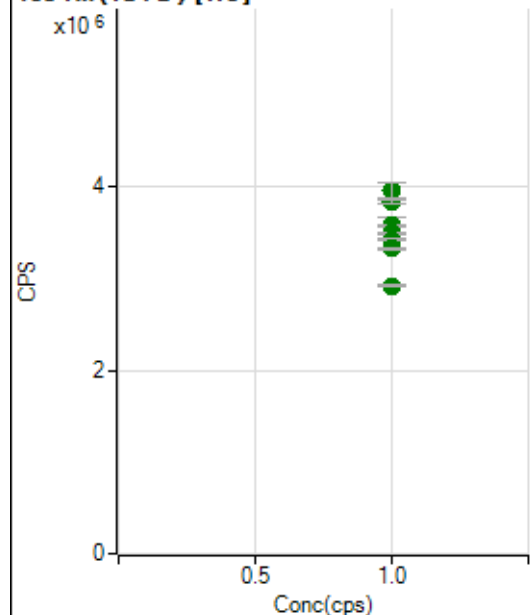
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11752051.91		A	1.1
2	☐	1.000		11538517.47		A	0.9
3	☐	1.000		11563106.22		A	1.3
4	☐	1.000		11054722.89		A	0.1
5	☐	1.000		10985146.09		A	1.5
6	☐	1.000		10816566.92		A	2.7
7	☐	1.000		10446908.46		A	1.7
8	☐	1.000		10063316.86		A	1.4

89 Y(ISTD) [He]

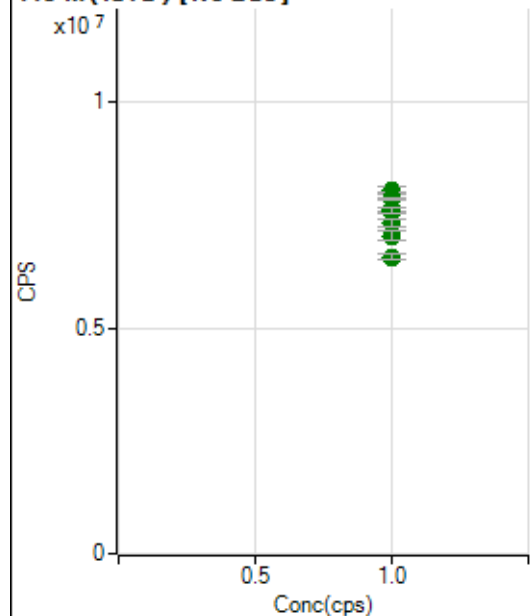
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2705871.07		A	0.4
2	☐	1.000		2773269.02		A	3.6
3	☐	1.000		2513942.27		A	5.9
4	☐	1.000		2512447.90		A	0.3
5	☐	1.000		2476404.20		A	1.2
6	☐	1.000		2447457.27		A	0.6
7	☐	1.000		2455537.64		A	0.1
8	☐	1.000		2300856.18		A	0.7

103 Rh(ISTD) [No Gas]

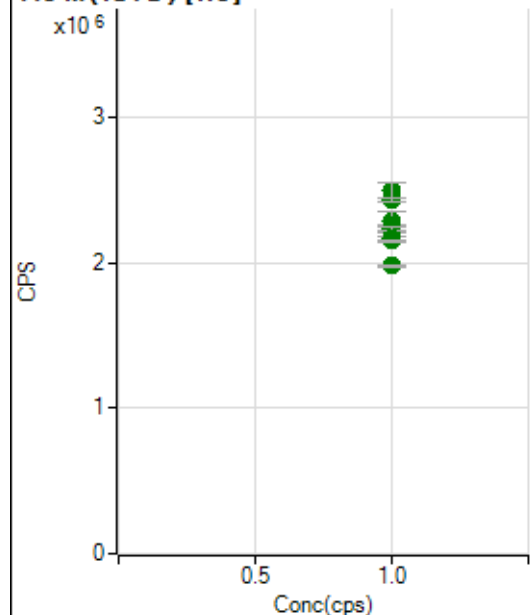
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7058002.47		A	2.0
2	☐	1.000		6936216.84		A	1.1
3	☐	1.000		6886225.25		A	1.0
4	☐	1.000		6590317.12		A	0.4
5	☐	1.000		6429833.03		A	1.8
6	☐	1.000		6171050.05		A	3.0
7	☐	1.000		5882417.34		A	1.9
8	☐	1.000		5338159.68		A	2.1

103 Rh (ISTD) [He]

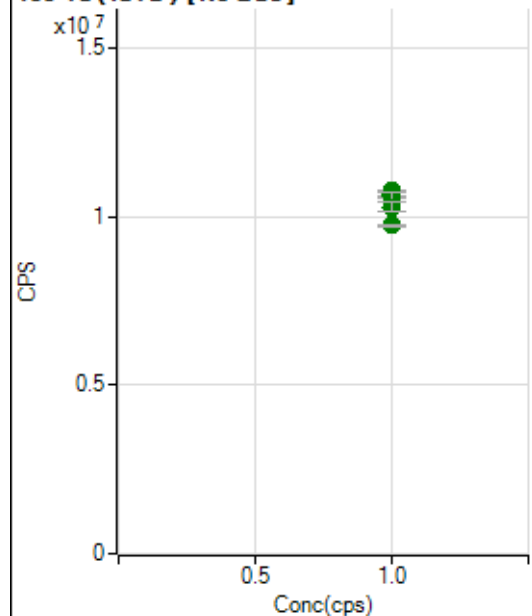
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3836342.86		A	0.9
2	☐	1.000		3960994.25		A	4.4
3	☐	1.000		3570594.60		A	5.4
4	☐	1.000		3580139.05		A	1.1
5	☐	1.000		3499110.47		A	0.5
6	☐	1.000		3424842.41		A	0.6
7	☐	1.000		3332041.03		A	0.7
8	☐	1.000		2924488.29		A	0.8

115 In (ISTD) [No Gas]

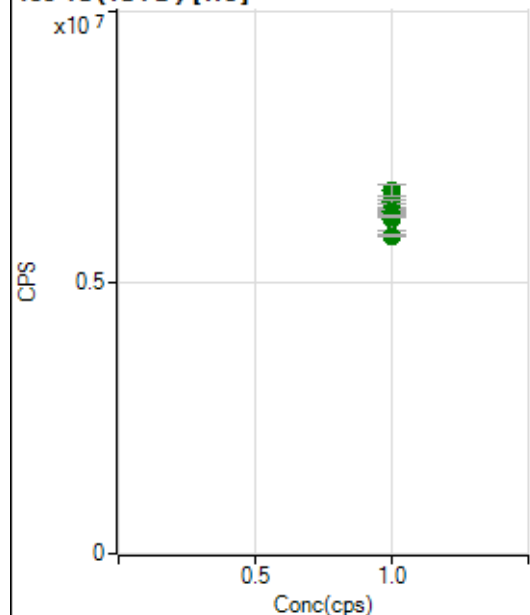
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8040626.38		A	2.0
2	☐	1.000		8001105.48		A	0.6
3	☐	1.000		7872098.83		A	0.8
4	☐	1.000		7622815.97		A	1.1
5	☐	1.000		7603328.38		A	1.3
6	☐	1.000		7324268.16		A	2.5
7	☐	1.000		7048387.20		A	2.8
8	☐	1.000		6575582.61		A	1.9

115 In (ISTD) [He]

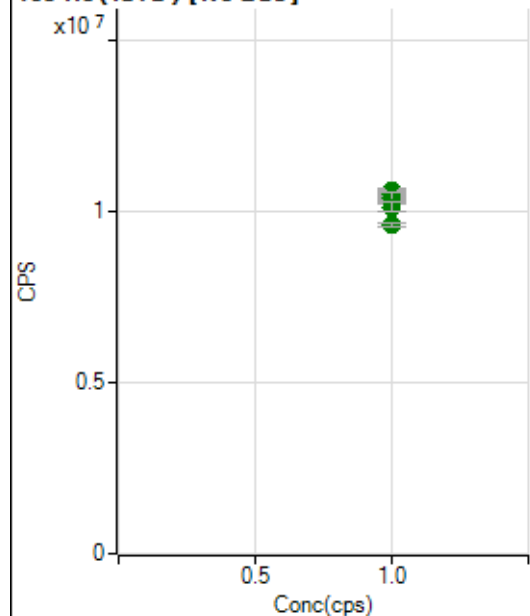
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2438837.57		A	1.0
2	☐	1.000		2498633.45		A	4.2
3	☐	1.000		2285381.56		A	6.4
4	☐	1.000		2266550.72		A	0.1
5	☐	1.000		2237149.85		A	0.7
6	☐	1.000		2172771.96		A	1.5
7	☐	1.000		2153840.58		A	1.0
8	☐	1.000		1981685.17		A	0.8

159 Tb (ISTD) [No Gas]

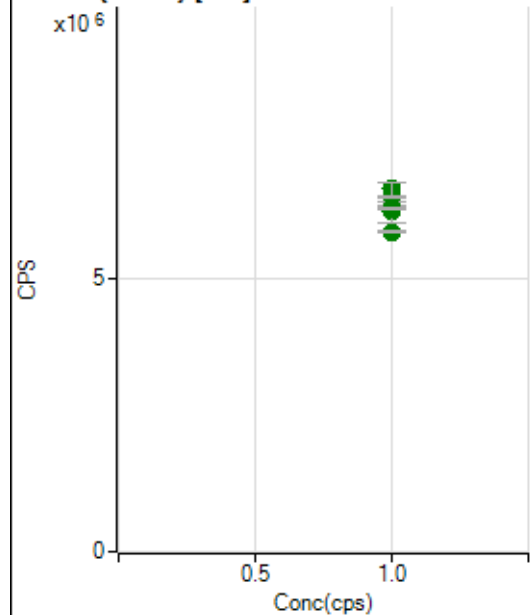
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10774592.76		A	0.7
2	☐	1.000		10776589.70		A	0.0
3	☐	1.000		10769535.67		A	0.8
4	☐	1.000		10683887.55		A	0.7
5	☐	1.000		10659890.47		A	1.9
6	☐	1.000		10599096.72		A	2.9
7	☐	1.000		10294227.28		A	2.6
8	☐	1.000		9746020.20		A	1.0

159 Tb (ISTD) [He]

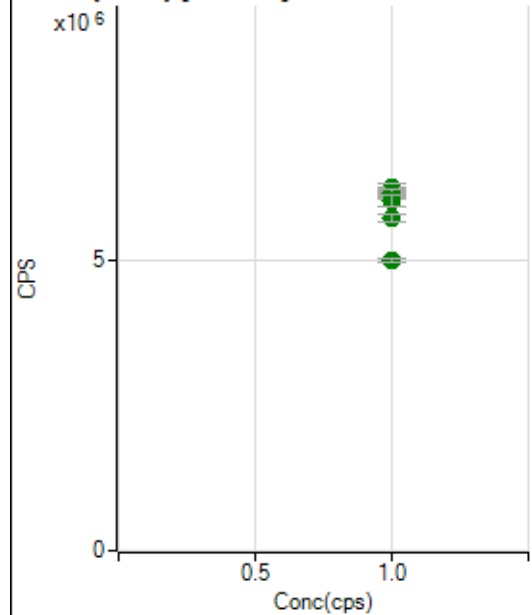
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6496459.97		A	0.7
2	☐	1.000		6694870.32		A	3.1
3	☐	1.000		6162504.77		A	6.9
4	☐	1.000		6289806.64		A	1.3
5	☐	1.000		6310079.63		A	1.1
6	☐	1.000		6235065.60		A	0.8
7	☐	1.000		6224863.38		A	0.9
8	☐	1.000		5863537.55		A	0.6

165 Ho (ISTD) [No Gas]

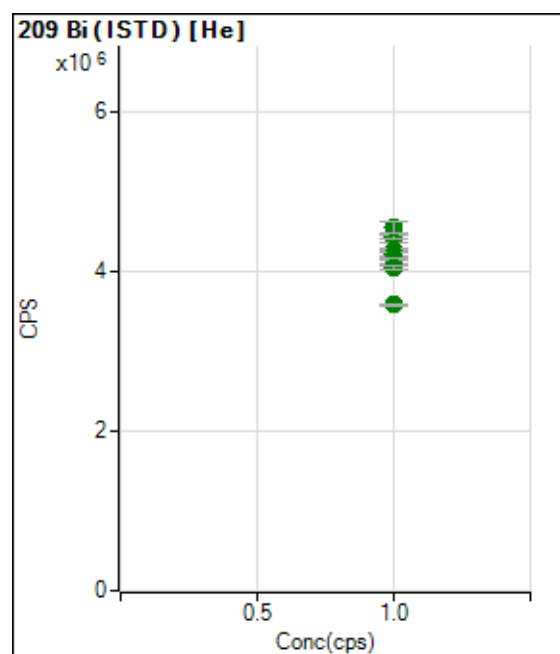
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10559065.40		A	1.0
2	☐	1.000		10414656.86		A	0.4
3	☐	1.000		10611920.68		A	1.3
4	☐	1.000		10325747.00		A	0.5
5	☐	1.000		10505402.90		A	2.3
6	☐	1.000		10381029.64		A	3.3
7	☐	1.000		10149802.00		A	2.8
8	☐	1.000		9616584.30		A	1.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6504822.96		A	0.1
2	☐	1.000		6650559.55		A	3.4
3	☐	1.000		6234922.61		A	6.2
4	☐	1.000		6267285.25		A	0.3
5	☐	1.000		6323724.42		A	0.3
6	☐	1.000		6285204.42		A	0.3
7	☐	1.000		6286627.89		A	0.4
8	☐	1.000		5868398.25		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6243669.28		A	2.4
2	☐	1.000		6148995.46		A	0.7
3	☐	1.000		6146567.41		A	3.0
4	☐	1.000		6128405.33		A	1.5
5	☐	1.000		6140753.94		A	2.2
6	☐	1.000		6014092.13		A	3.1
7	☐	1.000		5726456.44		A	2.7
8	☐	1.000		4998147.39		A	1.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4431561.50		A	1.2
2	☐	1.000		4543537.05		A	3.3
3	☐	1.000		4226167.93		A	6.3
4	☐	1.000		4266411.36		A	0.6
5	☐	1.000		4206507.50		A	1.3
6	☐	1.000		4157647.82		A	0.8
7	☐	1.000		4046005.32		A	0.8
8	☐	1.000		3579060.40		A	0.7