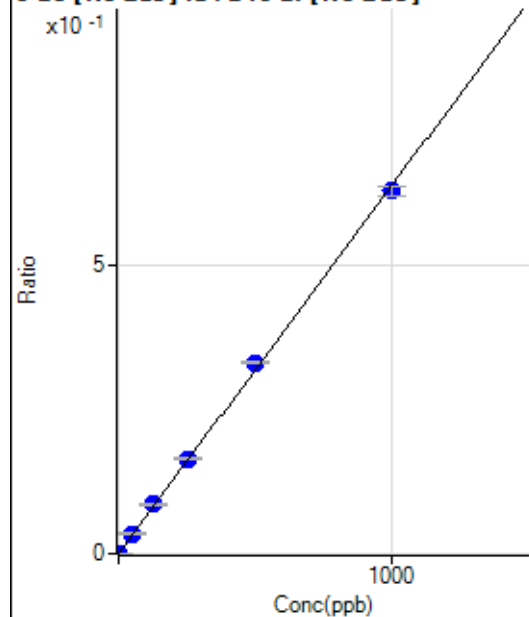


Calibration for 004CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111623-MS2.b\
 Analysis File: P7111623-MS2.batch.bin
 DA Date-Time: 2023-11-16 15:23:51
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-11-16 11:53:57
2	006CALS.d	S02	2023-11-16 12:00:30
3	007CALS.d	S03	2023-11-16 12:03:46
4	008CALS.d	S04	2023-11-16 12:06:56
5	009CALS.d	S05	2023-11-16 12:09:54
6	010CALS.d	S06	2023-11-16 12:12:52
7	011CALS.d	S07	2023-11-16 12:15:45
8	012CALS.d	S08	2023-11-16 12:18:35

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0001	P	10.6
2	☐	1.000	0.960	953.37	0.0007	P	3.7
3	☐	50.000	54.633	46959.54	0.0348	P	1.3
4	☐	125.000	133.375	113116.21	0.0848	P	2.4
5	☐	250.000	258.229	219119.93	0.1641	P	2.3
6	☐	500.000	519.640	420401.75	0.3302	P	1.4
7	☐	1000.000	986.845	793563.80	0.6269	P	2.8
8	☐			521.12	0.0005	P	13.1

$$y = 6.3519\text{E-}004 * x + 8.7486\text{E-}005$$

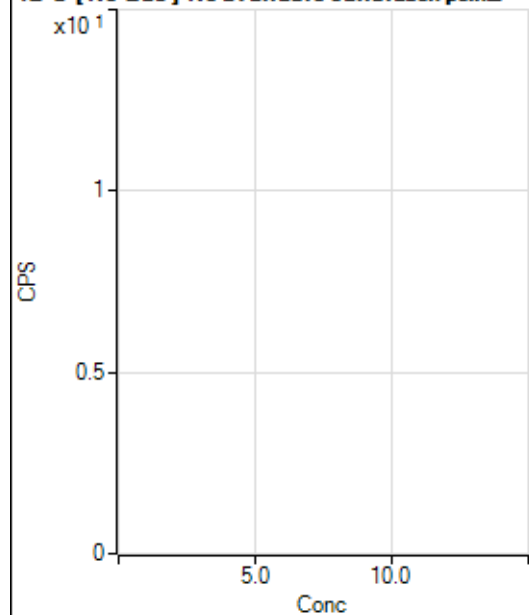
$$R = 0.9997$$

$$DL = 0.0439$$

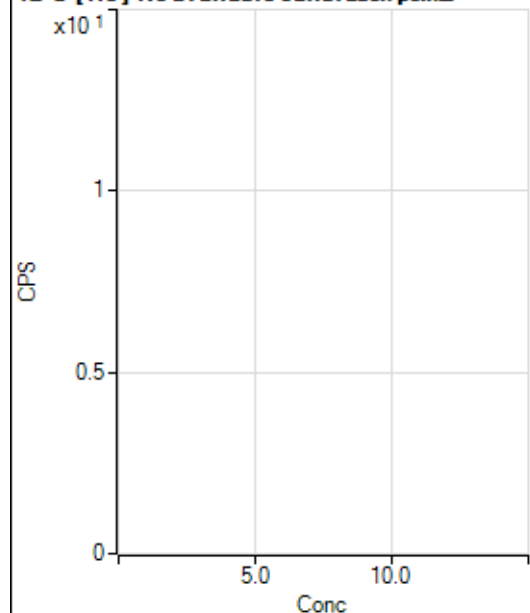
$$BEC = 0.1377$$

Weight: <None>

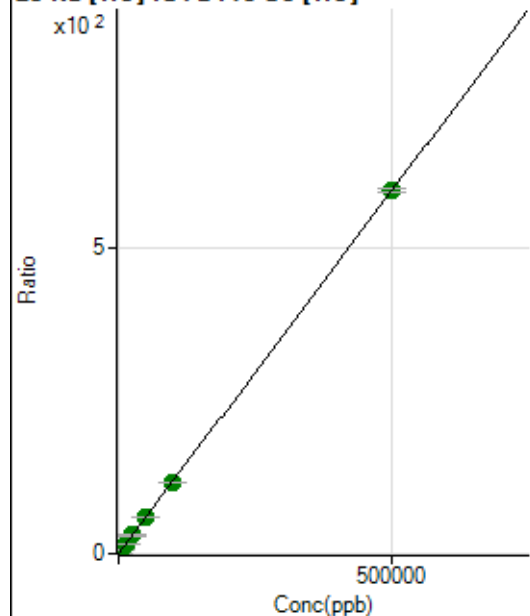
Min Conc: 0

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	9404.05	0.0402	P	0.4
2	☐	500.000	473.720	139862.49	0.6012	P	0.6
3	☐	5000.000	5078.206	1391736.34	6.0543	A	1.9
4	☐	12500.000	12577.723	3313362.55	14.9360	A	1.0
5	☐	25000.000	25378.413	6520261.92	30.0960	A	2.4
6	☐	50000.000	50331.844	12577008.15	59.6485	A	3.4
7	☐	100000.00	98655.448	24640499.36	116.8784	A	1.1
8	☐	500000.00	500214.10	115242198.2	592.4466	A	1.1

$$y = 0.0012 * x + 0.0402$$

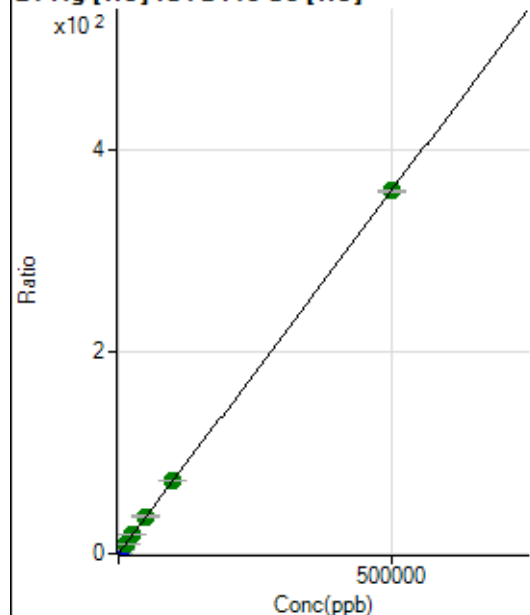
$$R = 1.0000$$

$$DL = 0.3942$$

$$BEC = 33.92$$

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	452.23	0.0019	P	11.0
2	☐	500.000	483.458	81241.78	0.3492	P	0.7
3	☐	5000.000	5250.675	867549.80	3.7738	P	1.1
4	☐	12500.000	12850.220	2048107.35	9.2330	A	0.9
5	☐	25000.000	25653.652	3993711.36	18.4304	A	0.8
6	☐	50000.000	50899.565	7709681.83	36.5660	A	3.6
7	☐	100000.00	100019.11	15147582.83	71.8514	A	0.8
8	☐	500000.00	499862.29	69848742.85	359.0819	A	0.5

$$y = 7.1836\text{E-}004 * x + 0.0019$$

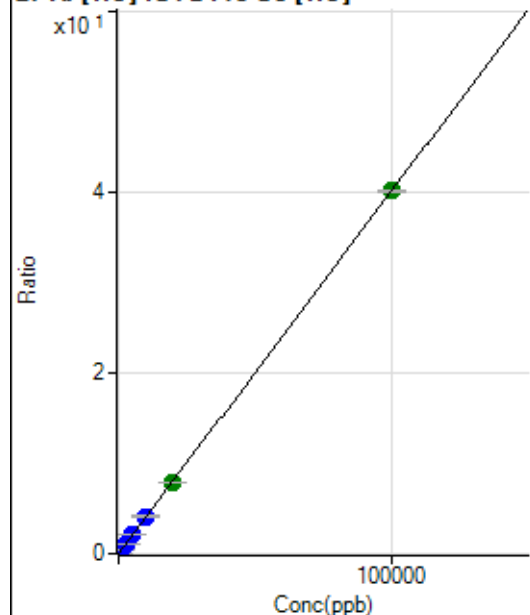
$$R = 1.0000$$

$$DL = 0.8847$$

$$BEC = 2.689$$

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	94.44	0.0004	P	8.2
2	☐	20.000	21.162	2072.38	0.0089	P	2.0
3	☐	1000.000	1038.403	96026.78	0.4177	P	0.4
4	☐	2500.000	2565.428	228782.99	1.0313	P	0.4
5	☐	5000.000	5116.724	445580.66	2.0566	P	1.9
6	☐	10000.000	10157.133	860690.43	4.0821	P	3.6
7	☐	20000.000	19673.647	1666801.07	7.9064	A	1.1
8	☐	100000.00	100041.70	7820268.08	40.2029	A	0.7

$$y = 4.0186\text{E-}004 * x + 4.0351\text{E-}004$$

$$R = 1.0000$$

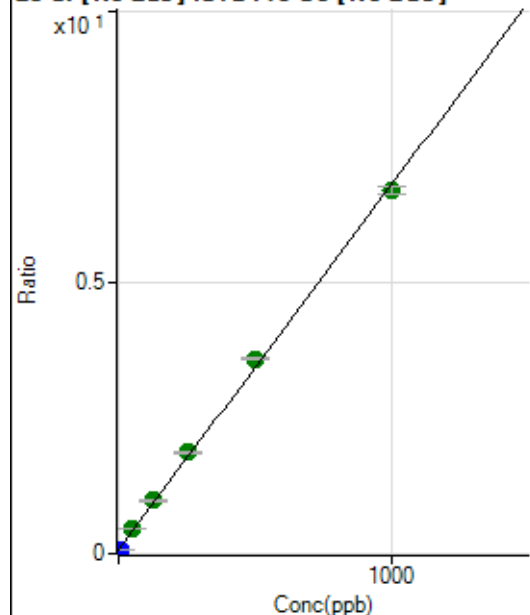
$$DL = 0.2481$$

$$BEC = 1.004$$

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	238896.29	0.0733	P	0.6
2	☐	10.000	0.599	254636.96	0.0774	P	0.7
3	☐	50.000	56.277	1470767.77	0.4526	A	0.5
4	☐	125.000	134.186	3061249.36	0.9777	A	0.4
5	☐	250.000	266.280	5727382.76	1.8679	A	1.1
6	☐	500.000	523.005	10618853.38	3.5980	A	1.1
7	☐	1000.000	983.059	19601061.65	6.6985	A	2.1
8	☐			471864.57	0.1710	P	6.6

$$y = 0.0067 * x + 0.0733$$

$$R = 0.9993$$

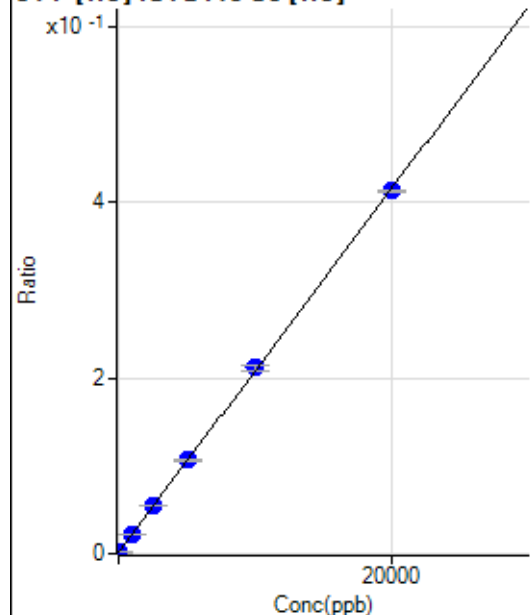
$$DL = 0.1983$$

$$BEC = 10.88$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.616	235.56	0.0010	P	18.5
2	☐	0.000	13.616	365.56	0.0016	P	2.9
3	☐	1000.000	1013.680	5123.13	0.0223	P	3.0
4	☐	2500.000	2579.039	12138.23	0.0547	P	1.3
5	☐	5000.000	5074.059	23049.68	0.1064	P	3.1
6	☐	10000.000	10170.250	44698.44	0.2120	P	3.0
7	☐	20000.000	19885.796	87118.20	0.4132	P	0.5
8	☐			255.56	0.0013	P	1.3

$$y = 2.0716E-005 * x + 0.0013$$

$$R = 0.9999$$

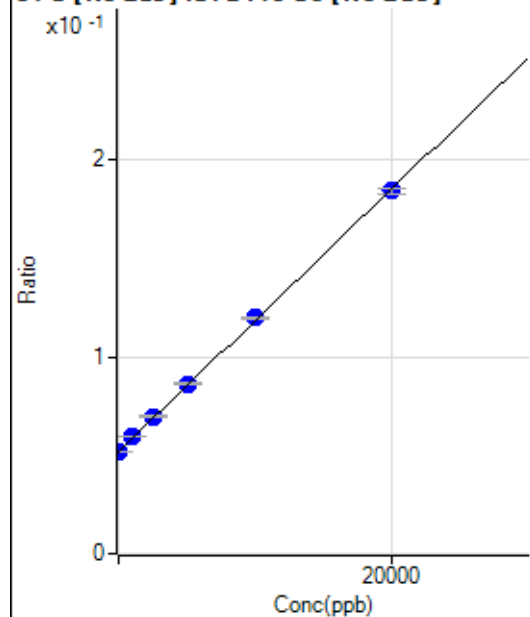
$$DL = 16.72$$

$$BEC = 62.24$$

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	30.942	169614.83	0.0521	P	0.3
2	☐	0.000	-30.942	169989.17	0.0517	P	1.0
3	☐	1000.000	1159.416	193686.32	0.0596	P	0.7
4	☐	2500.000	2685.607	218544.30	0.0698	P	0.2
5	☐	5000.000	5141.320	264280.83	0.0862	P	1.0
6	☐	10000.000	10192.677	353868.27	0.1199	P	1.0
7	☐	20000.000	19837.160	539256.56	0.1843	P	1.9
8	☐			148303.50	0.0537	P	2.8

$$y = 6.6758\text{E-}006 * x + 0.0519$$

$$R = 0.9999$$

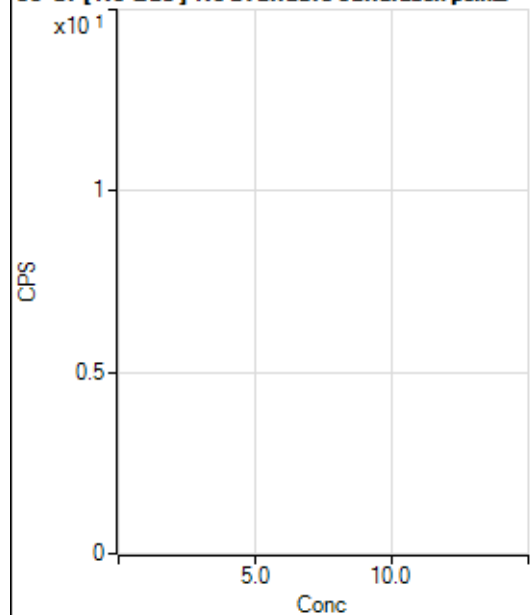
$$DL = 147.7$$

$$BEC = 7769$$

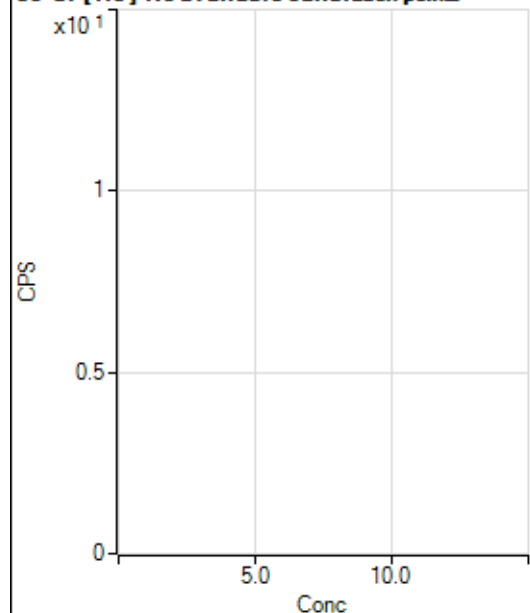
Weight: <None>

Min Conc: 0

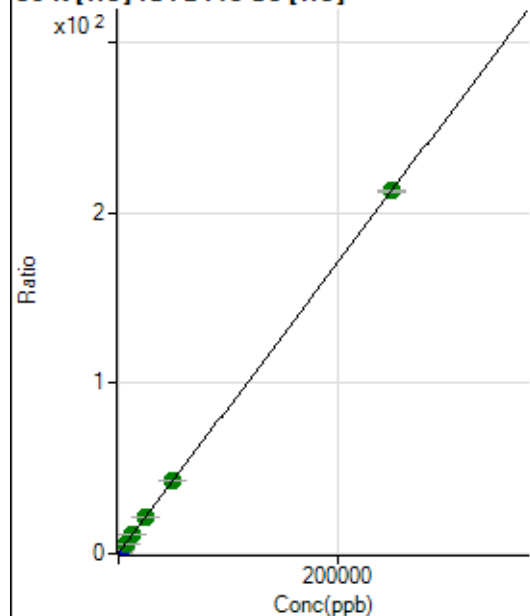
35 Cl [No Gas] No available calibration points



	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	46925.46	0.2005	P	1.6
2	☐	500.000	482.055	141997.02	0.6104	P	0.3
3	☐	2500.000	2671.086	568212.29	2.4717	P	1.1
4	☐	6250.000	6350.615	1242277.49	5.6004	A	1.7
5	☐	12500.000	12674.963	2378355.83	10.9780	A	2.3
6	☐	25000.000	25176.015	4556222.74	21.6076	A	3.2
7	☐	50000.000	49837.193	8976161.74	42.5769	A	0.7
8	☐	250000.00	250002.02	41389152.16	212.7765	A	0.3

$$y = 8.5030E-004 * x + 0.2005$$

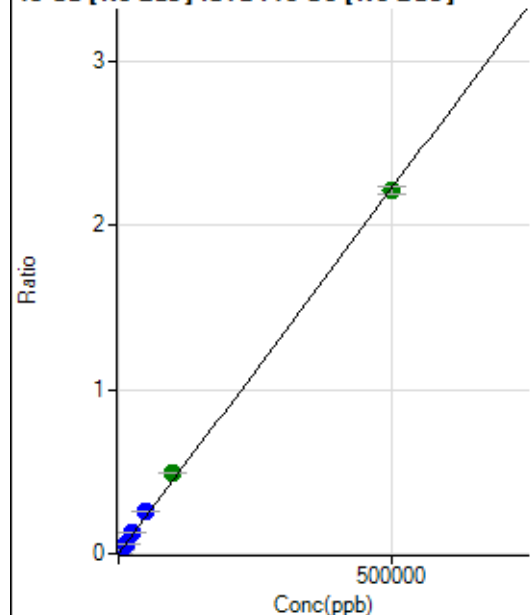
$$R = 1.0000$$

$$DL = 11.32$$

$$BEC = 235.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	528.90	0.0002	P	11.0
2	☐	500.000	479.176	7541.94	0.0023	P	2.4
3	☐	5000.000	5767.402	83812.80	0.0258	P	0.5
4	☐	12500.000	14382.319	200639.93	0.0641	P	0.5
5	☐	25000.000	28653.140	390950.52	0.1275	P	0.6
6	☐	50000.000	57123.465	749718.34	0.2540	P	0.5
7	☐	100000.00	110607.52	1438857.30	0.4917	A	1.6
8	☐	500000.00	496928.78	6098636.78	2.2086	A	2.1

$$y = 4.4442\text{E-}006 * x + 1.6243\text{E-}004$$

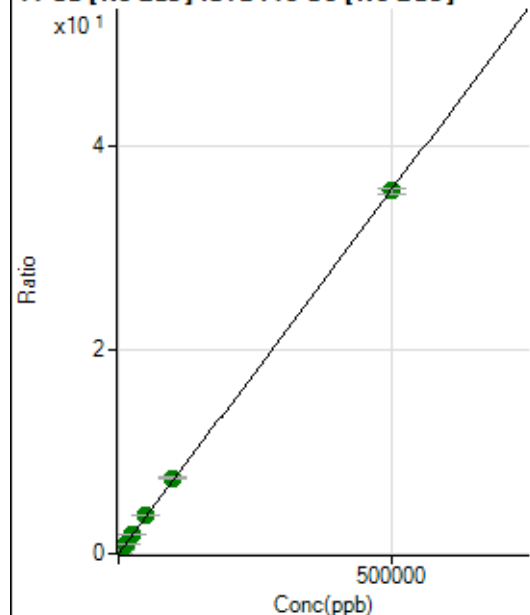
$$R = 0.9997$$

$$\text{DL} = 12.08$$

$$\text{BEC} = 36.55$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10148.09	0.0031	P	2.5
2	☐	500.000	473.447	121296.82	0.0369	P	1.1
3	☐	5000.000	5279.105	1232802.84	0.3794	A	1.2
4	☐	12500.000	13133.514	2941033.81	0.9393	A	0.6
5	☐	25000.000	26250.304	5746649.85	1.8743	A	1.3
6	☐	50000.000	52798.199	11115818.58	3.7666	A	0.7
7	☐	100000.00	103300.23	21552481.90	7.3665	A	2.5
8	☐	500000.00	498979.01	98237699.65	35.5708	A	1.5

$$y = 7.1281\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

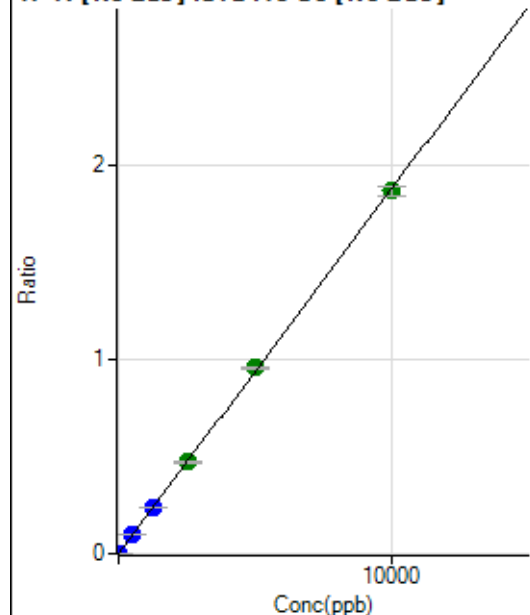
$$\text{DL} = 3.216$$

$$\text{BEC} = 43.71$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	92.22	0.0000	P	14.7
2	☐	5.000	4.891	3117.02	0.0009	P	3.8
3	☐	500.000	509.496	311065.04	0.0957	P	0.8
4	☐	1250.000	1270.811	747513.94	0.2387	P	0.6
5	☐	2500.000	2506.787	1443878.17	0.4709	A	1.9
6	☐	5000.000	5092.397	2823025.97	0.9566	A	0.9
7	☐	10000.000	9949.029	5467468.88	1.8689	A	2.9
8	☐			1063.38	0.0004	P	4.1

$$y = 1.8784\text{E-}004 * x + 2.8316\text{E-}005$$

$$R = 0.9999$$

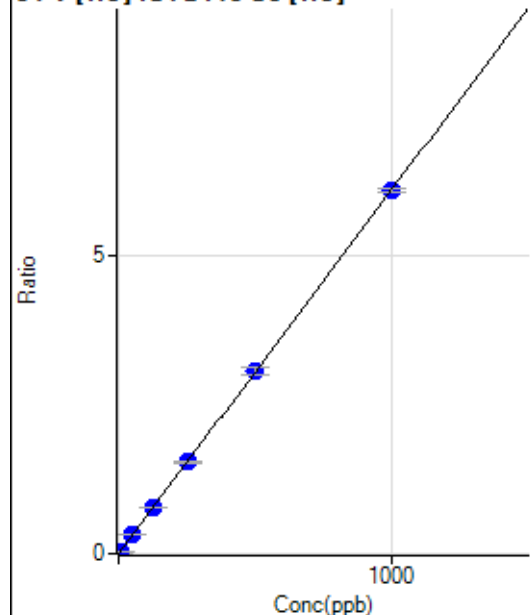
$$DL = 0.06631$$

$$BEC = 0.1507$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.45	0.0001	P	27.9
2	☐	5.000	4.785	6811.59	0.0293	P	2.3
3	☐	50.000	50.754	71172.23	0.3096	P	0.6
4	☐	125.000	126.044	170515.81	0.7687	P	0.9
5	☐	250.000	251.700	332556.64	1.5349	P	2.0
6	☐	500.000	503.406	647193.52	3.0697	P	3.8
7	☐	1000.000	997.705	1282590.09	6.0839	P	0.9
8	☐			326.67	0.0017	P	9.0

$$y = 0.0061 * x + 1.0432\text{E-}004$$

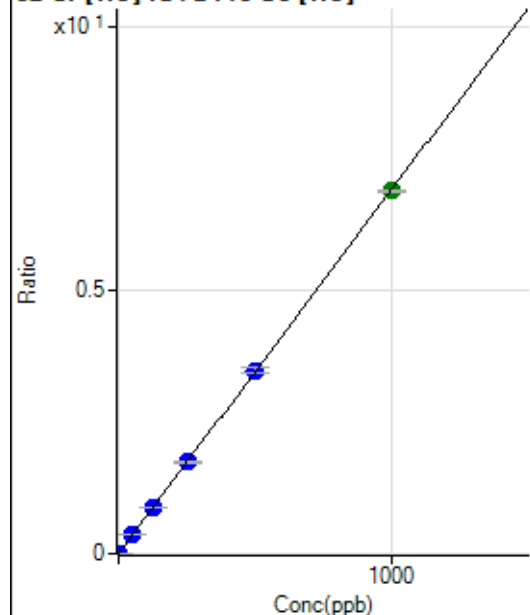
$$R = 1.0000$$

$$DL = 0.01434$$

$$BEC = 0.01711$$

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	795.59	0.0034	P	6.6
2	☐	2.000	1.882	3816.08	0.0164	P	0.7
3	☐	50.000	51.490	82572.11	0.3592	P	1.4
4	☐	125.000	127.308	195895.65	0.8831	P	0.9
5	☐	250.000	252.549	378836.60	1.7485	P	1.9
6	☐	500.000	504.245	735367.17	3.4878	P	3.6
7	☐	1000.000	996.877	1452994.06	6.8919	A	0.8
8	☐			4223.96	0.0217	P	5.4

$$y = 0.0069 * x + 0.0034$$

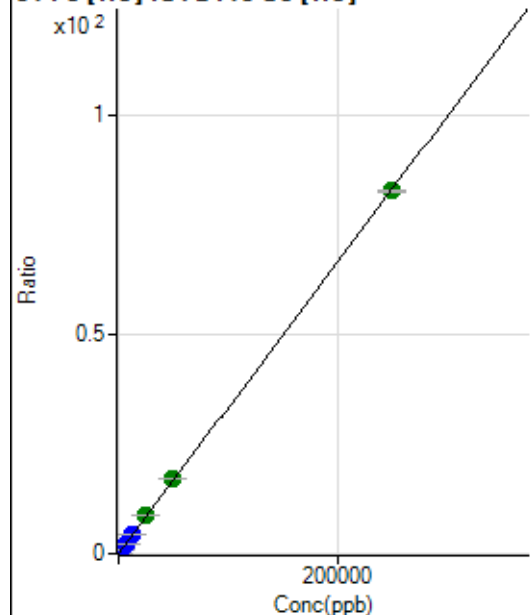
$$R = 1.0000$$

$$DL = 0.09717$$

$$BEC = 0.4917$$

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	1163.39	0.0050	P	3.5
2	☐	50.000	51.247	5116.47	0.0220	P	1.7
3	☐	2500.000	2794.847	214566.27	0.9333	P	0.9
4	☐	6250.000	6886.254	508529.94	2.2924	P	0.5
5	☐	12500.000	13727.107	989091.92	4.5647	P	1.2
6	☐	25000.000	26570.184	1862015.10	8.8308	A	3.5
7	☐	50000.000	51751.191	3625075.33	17.1953	A	1.0
8	☐	250000.00	249412.53	16116398.51	82.8528	A	0.3

$$y = 3.3217E-004 * x + 0.0050$$

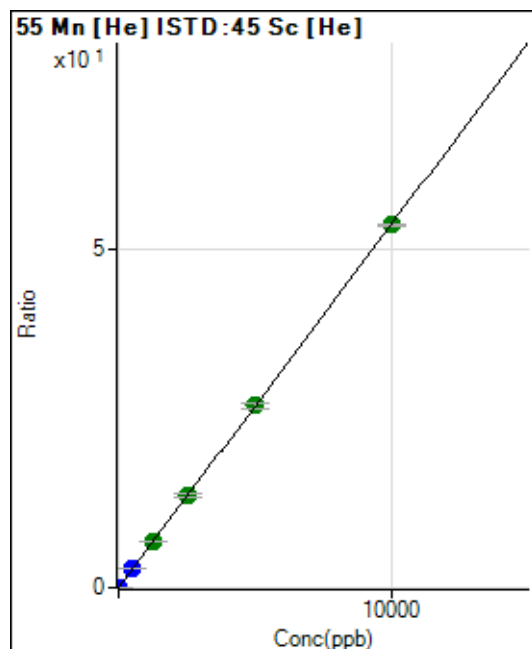
$$R = 1.0000$$

$$DL = 1.577$$

$$BEC = 14.96$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0008	P	17.7
2	☐	1.000	0.981	1416.75	0.0061	P	2.2
3	☐	500.000	517.024	638135.56	2.7757	P	0.2
4	☐	1250.000	1276.688	1520173.43	6.8529	A	0.6
5	☐	2500.000	2544.851	2959026.97	13.6592	A	2.9
6	☐	5000.000	5006.865	5666712.63	26.8729	A	3.0
7	☐	10000.000	9981.167	11293628.72	53.5702	A	0.6
8	☐			5323.21	0.0274	P	2.5

$$y = 0.0054 * x + 8.2560E-004$$

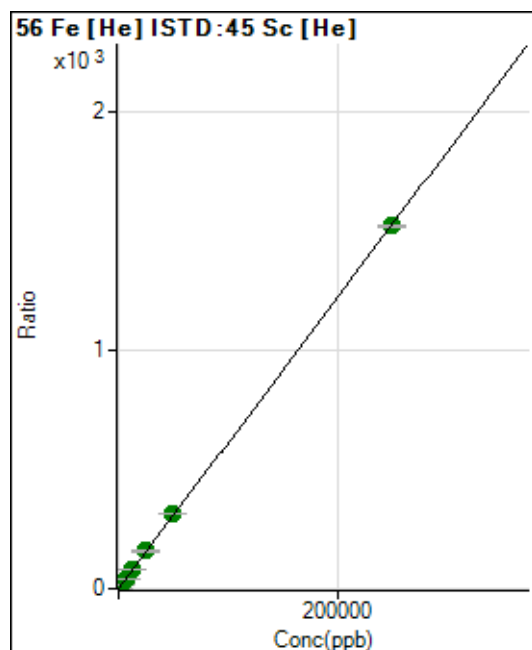
$$R = 1.0000$$

$$DL = 0.08167$$

$$BEC = 0.1538$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8329.04	0.0356	P	2.6
2	☐	50.000	50.301	79691.72	0.3426	P	1.1
3	☐	2500.000	2624.183	3690050.36	16.0506	A	0.6
4	☐	6250.000	6549.406	8874439.80	40.0056	A	0.7
5	☐	12500.000	13096.415	17324767.10	79.9610	A	2.1
6	☐	25000.000	25884.125	33314591.45	158.0025	A	3.4
7	☐	50000.000	51042.091	65679004.02	311.5377	A	0.1
8	☐	250000.00	249664.62	296388266.7	1,523.700	A	0.3

$$y = 0.0061 * x + 0.0356$$

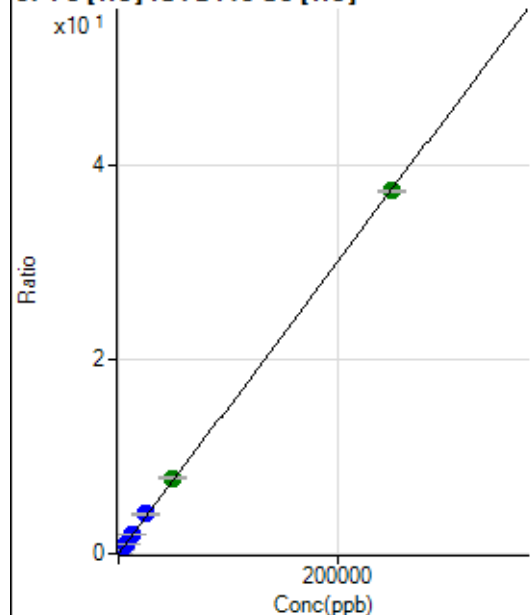
$$R = 1.0000$$

$$DL = 0.4523$$

$$BEC = 5.832$$

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	412.23	0.0018	P	14.2
2	☐	50.000	55.499	2346.87	0.0101	P	4.7
3	☐	2500.000	2800.860	97025.06	0.4220	P	0.1
4	☐	6250.000	6886.552	229612.20	1.0351	P	0.6
5	☐	12500.000	13722.962	446518.91	2.0609	P	1.8
6	☐	25000.000	27279.601	863370.66	4.0951	P	3.8
7	☐	50000.000	52009.216	1645545.72	7.8058	A	1.9
8	☐	250000.00	249290.12	7276591.14	37.4080	A	0.8

$$y = 1.5005\text{E-}004 * x + 0.0018$$

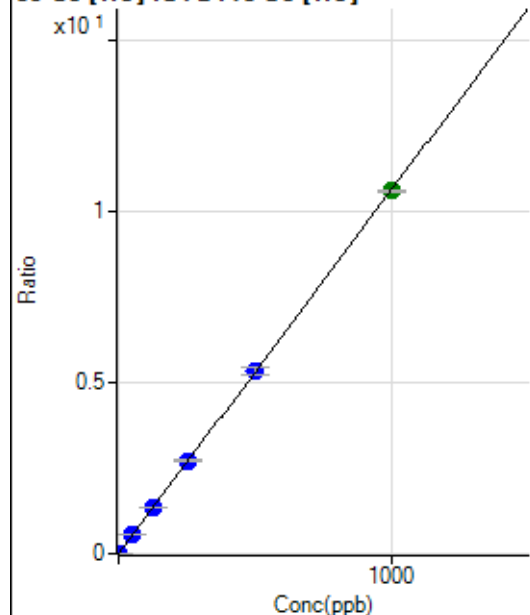
$$R = 0.9999$$

$$DL = 5.004$$

$$BEC = 11.73$$

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	0.0002	P	29.1
2	☐	1.000	1.025	2581.36	0.0111	P	5.6
3	☐	50.000	51.806	126579.14	0.5506	P	0.9
4	☐	125.000	128.224	302237.75	1.3625	P	0.4
5	☐	250.000	254.967	586930.09	2.7090	P	2.2
6	☐	500.000	502.102	1124783.32	5.3346	P	3.5
7	☐	1000.000	997.214	2233611.23	10.5948	A	0.4
8	☐			5845.63	0.0301	P	4.6

$$y = 0.0106 * x + 2.0922\text{E-}004$$

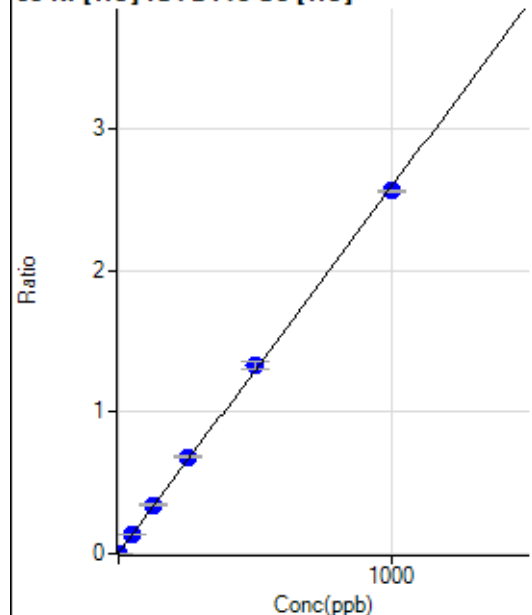
$$R = 1.0000$$

$$DL = 0.01722$$

$$BEC = 0.01969$$

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	586.69	0.0025	P	8.2
2	☐	1.000	1.094	1242.28	0.0053	P	2.3
3	☐	50.000	53.412	32349.34	0.1407	P	0.7
4	☐	125.000	132.310	76503.62	0.3449	P	1.3
5	☐	250.000	262.877	147917.58	0.6827	P	1.9
6	☐	500.000	513.740	280798.28	1.3318	P	3.7
7	☐	1000.000	988.826	539928.42	2.5611	P	0.6
8	☐			2244.63	0.0115	P	4.6

$$y = 0.0026 * x + 0.0025$$

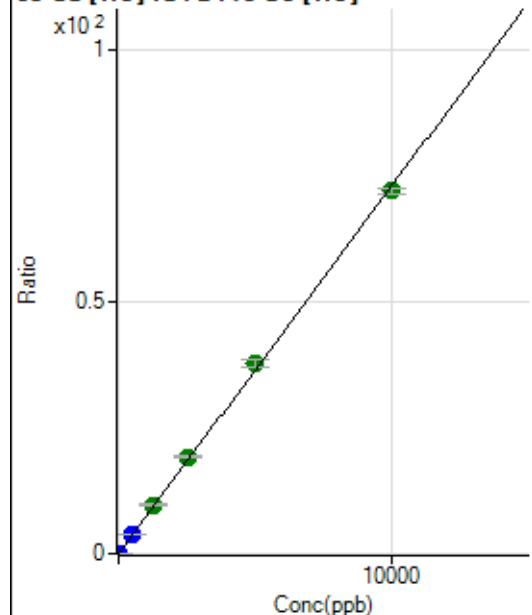
$$R = 0.9998$$

$$DL = 0.2389$$

$$BEC = 0.9691$$

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	1305.63	0.0056	P	1.4
2	☐	2.000	1.903	4521.84	0.0194	P	5.0
3	☐	500.000	529.260	887392.70	3.8600	P	0.7
4	☐	1250.000	1328.673	2147705.97	9.6819	A	1.2
5	☐	2500.000	2626.766	4145976.85	19.1356	A	1.8
6	☐	5000.000	5165.711	7932926.41	37.6260	A	3.8
7	☐	10000.000	9874.156	15161423.80	71.9163	A	1.3
8	☐			4426.25	0.0228	P	3.2

$$y = 0.0073 * x + 0.0056$$

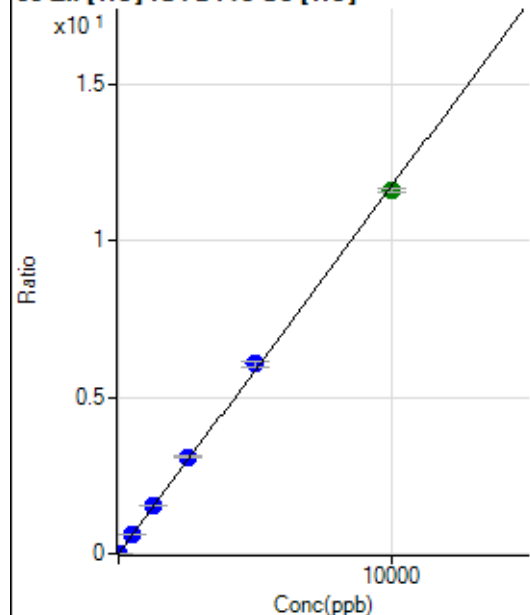
$$R = 0.9997$$

$$DL = 0.03179$$

$$BEC = 0.7659$$

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	373.34	0.0016	P	12.3
2	☐	2.000	2.498	1052.27	0.0045	P	1.1
3	☐	500.000	541.531	146267.94	0.6363	P	1.1
4	☐	1250.000	1321.549	343927.55	1.5504	P	0.9
5	☐	2500.000	2623.346	666447.55	3.0761	P	2.4
6	☐	5000.000	5160.064	1275413.62	6.0492	P	3.6
7	☐	10000.000	9878.111	2441006.70	11.5787	A	0.9
8	☐			2562.47	0.0132	P	4.6

$$y = 0.0012 * x + 0.0016$$

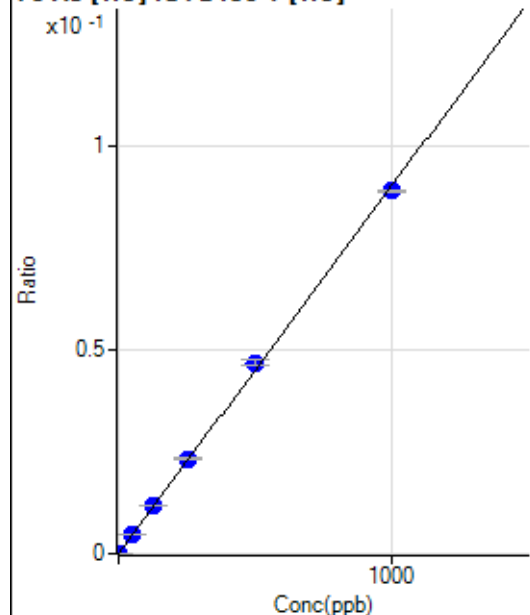
$$R = 0.9997$$

$$DL = 0.5015$$

$$BEC = 1.361$$

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	2.22	0.0000	P	86.6
2	☐	1.000	1.118	207.78	0.0001	P	15.5
3	☐	50.000	51.842	9427.52	0.0047	P	1.2
4	☐	125.000	130.811	23164.86	0.0118	P	2.9
5	☐	250.000	258.662	45507.22	0.0233	P	1.1
6	☐	500.000	519.690	88206.44	0.0468	P	2.8
7	☐	1000.000	987.171	170841.92	0.0888	P	0.7
8	☐			97.78	0.0001	P	12.2

$$y = 8.9991E-005 * x + 1.0753E-006$$

$$R = 0.9997$$

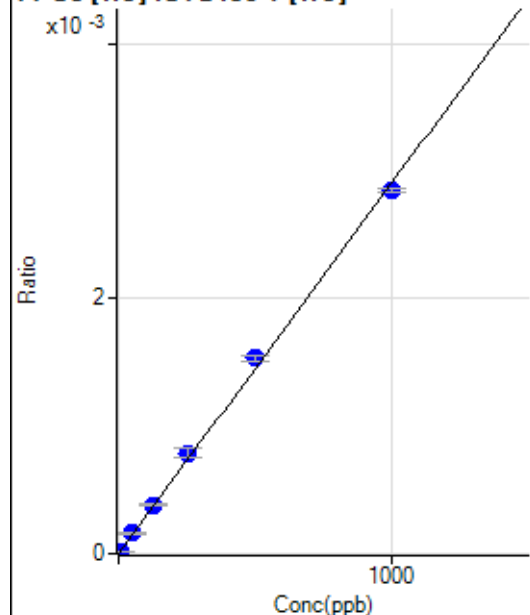
$$DL = 0.03104$$

$$BEC = 0.01195$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.621	33.33	0.0000	P	35.9
3	☐	50.000	55.966	327.79	0.0002	P	11.3
4	☐	125.000	132.103	754.47	0.0004	P	4.6
5	☐	250.000	271.918	1543.43	0.0008	P	8.9
6	☐	500.000	527.590	2888.09	0.0015	P	3.2
7	☐	1000.000	979.536	5467.72	0.0028	P	0.9
8	☐			26.67	0.0000	P	12.8

$$y = 2.9027E-006 * x + 0.0000E+000$$

$$R = 0.9992$$

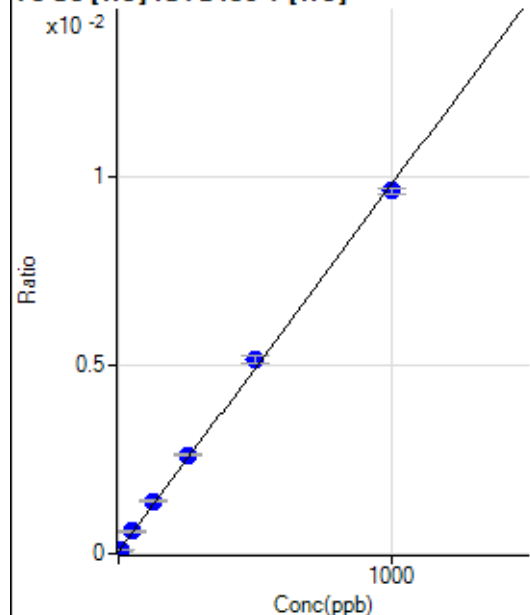
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.33	0.0001	P	5.6
2	☐	5.000	6.101	233.34	0.0001	P	11.6
3	☐	50.000	55.163	1195.62	0.0006	P	3.4
4	☐	125.000	137.906	2749.17	0.0014	P	1.0
5	☐	250.000	264.104	5128.71	0.0026	P	2.6
6	☐	500.000	523.559	9706.59	0.0051	P	4.5
7	☐	1000.000	982.818	18490.54	0.0096	P	1.7
8	☐			203.34	0.0001	P	9.4

$$y = 9.7277E-006 * x + 5.4928E-005$$

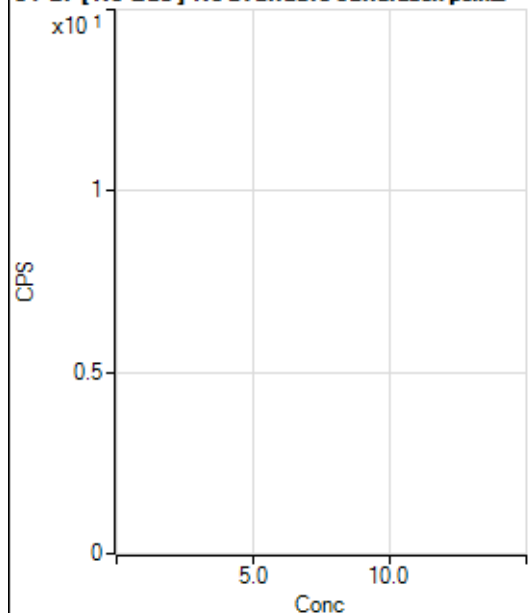
$$R = 0.9994$$

$$DL = 0.9537$$

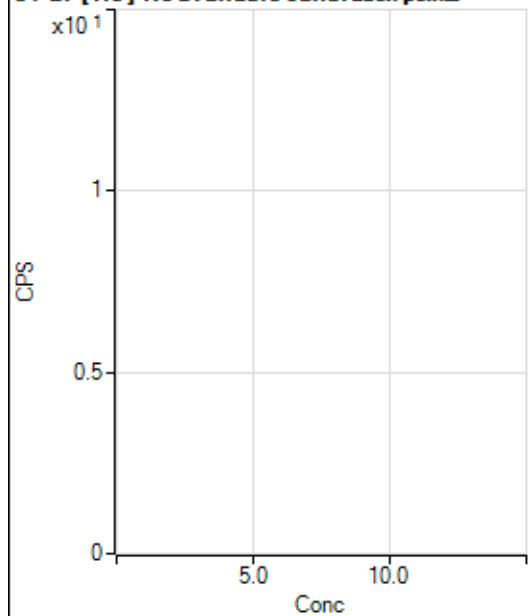
$$BEC = 5.647$$

Weight: <None>

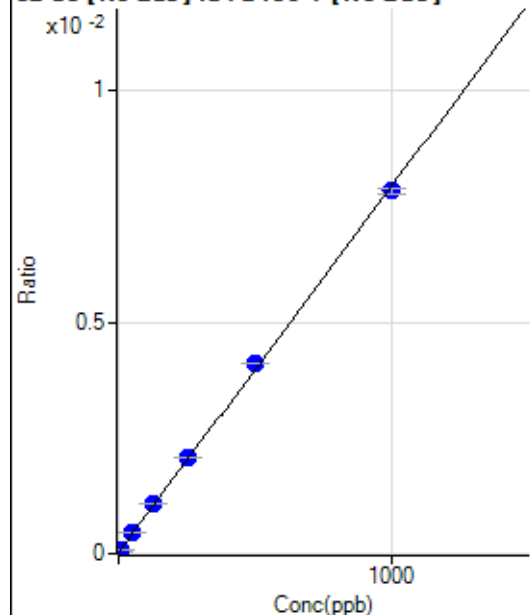
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26211.09		P	0.4
2	☐			25784.83		P	1.6
3	☐			25566.67		P	2.3
4	☐			24868.86		P	0.8
5	☐			24191.02		P	2.5
6	☐			23551.10		P	2.3
7	☐			23403.08		P	0.5
8	☐			24365.68		P	0.8

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51.11		P	7.5
2	☐			58.89		P	27.9
3	☐			48.89		P	48.4
4	☐			50.00		P	35.3
5	☐			35.56		P	54.1
6	☐			67.78		P	12.4
7	☐			55.56		P	48.9
8	☐			313.34		P	2.8

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.56	0.0000	P	8.2
2	☐	5.000	4.392	630.02	0.0001	P	6.6
3	☐	50.000	53.965	4376.78	0.0005	P	1.0
4	☐	125.000	132.970	10190.30	0.0011	P	1.4
5	☐	250.000	258.925	19523.34	0.0021	P	1.4
6	☐	500.000	517.700	37555.11	0.0041	P	0.5
7	☐	1000.000	987.727	71400.30	0.0078	P	1.6
8	☐			664.14	0.0001	P	7.0

$$y = 7.8998E-006 * x + 2.9727E-005$$

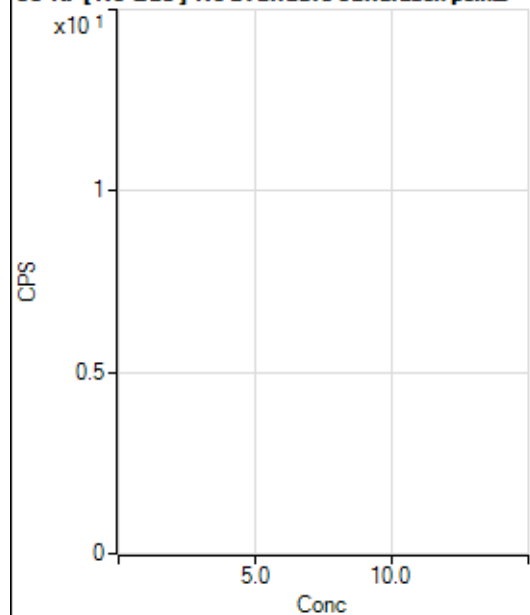
$$R = 0.9997$$

$$DL = 0.9253$$

$$BEC = 3.763$$

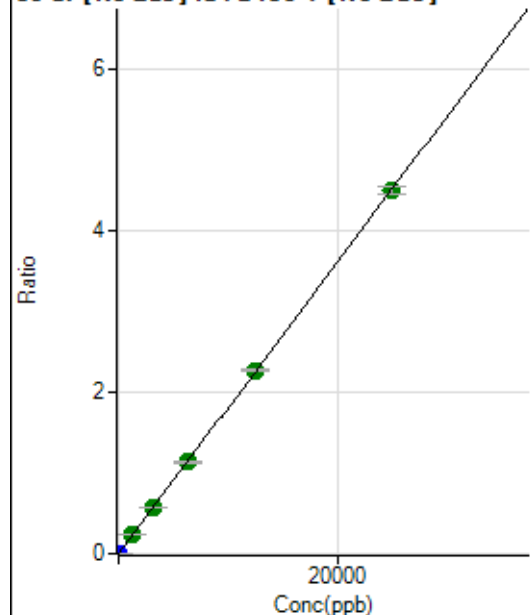
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			82.22		P	28.5
2	☐			103.33		P	8.5
3	☐			103.33		P	3.2
4	☐			110.00		P	13.9
5	☐			93.33		P	12.9
6	☐			104.44		P	29.7
7	☐			113.34		P	24.1
8	☐			140.00		P	16.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.11	0.0000	P	1.6
2	☐	1.000	0.867	1723.45	0.0002	P	2.3
3	☐	1250.000	1276.145	2209811.89	0.2303	A	1.3
4	☐	3125.000	3150.254	5362721.41	0.5684	A	0.9
5	☐	6250.000	6293.173	10681637.76	1.1354	A	1.1
6	☐	12500.000	12601.483	20727027.47	2.2736	A	0.4
7	☐	25000.000	24934.001	41005465.78	4.4986	A	2.2
8	☐			6435.93	0.0008	P	10.4

$$y = 1.8042\text{E-}004 * x + 1.9675\text{E-}005$$

$$R = 1.0000$$

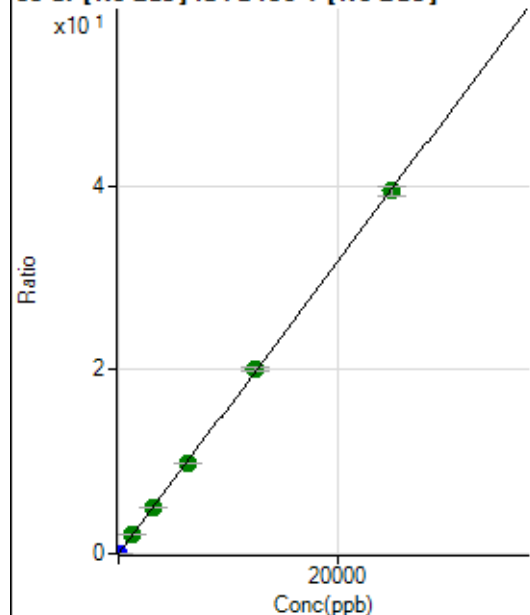
$$DL = 0.005374$$

$$BEC = 0.1091$$

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	343.34	0.0000	P	17.5
2	☐	1.000	0.880	13984.52	0.0014	P	0.9
3	☐	1250.000	1282.998	19520362.76	2.0339	A	0.7
4	☐	3125.000	3167.659	47371873.18	5.0216	A	1.5
5	☐	6250.000	6218.970	92749878.62	9.8587	A	0.6
6	☐	12500.000	12679.247	183230088.3	20.1000	A	1.3
7	☐	25000.000	24911.152	359969852.4	39.4908	A	2.3
8	☐			54596.52	0.0065	P	11.1

$$y = 0.0016 * x + 3.5396\text{E-}005$$

$$R = 1.0000$$

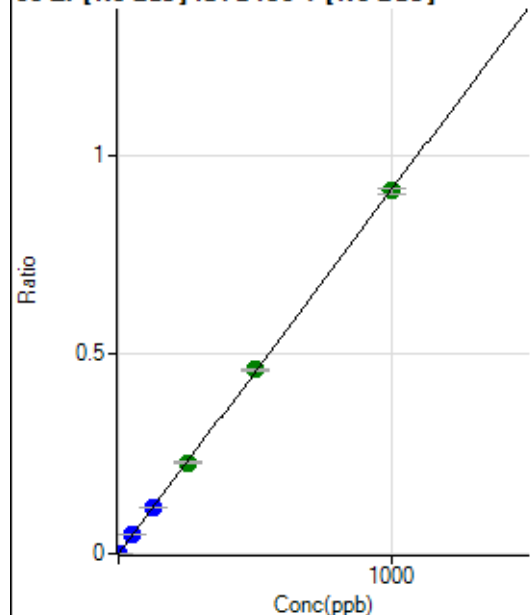
$$DL = 0.01174$$

$$BEC = 0.02233$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	374.45	0.0000	P	13.8
2	☐	1.000	0.872	8166.79	0.0008	P	1.8
3	☐	50.000	50.620	444281.65	0.0463	P	1.1
4	☐	125.000	125.144	1079137.45	0.1144	P	0.9
5	☐	250.000	250.432	2153158.32	0.2289	A	1.1
6	☐	500.000	505.382	4210312.64	0.4618	A	0.6
7	☐	1000.000	997.152	8306178.35	0.9112	A	1.6
8	☐			3848.32	0.0005	P	4.3

$$y = 9.1376\text{E-}004 * x + 3.8522\text{E-}005$$

$$R = 1.0000$$

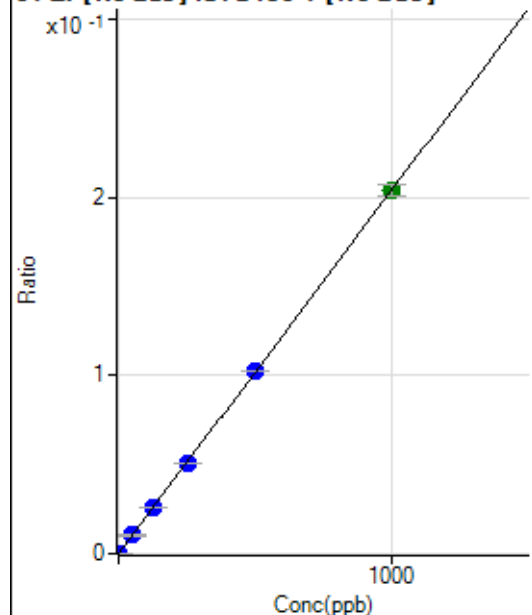
$$DL = 0.0175$$

$$BEC = 0.04216$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	25.9
2	☐	1.000	0.881	1837.91	0.0002	P	4.4
3	☐	50.000	50.334	98509.90	0.0103	P	1.5
4	☐	125.000	125.622	241573.83	0.0256	P	0.2
5	☐	250.000	248.750	476926.64	0.0507	P	0.5
6	☐	500.000	502.914	934278.29	0.1025	P	0.8
7	☐	1000.000	998.761	1855020.28	0.2035	A	3.2
8	☐			871.15	0.0001	P	6.9

$$y = 2.0376\text{E-}004 * x + 8.3637\text{E-}006$$

$$R = 1.0000$$

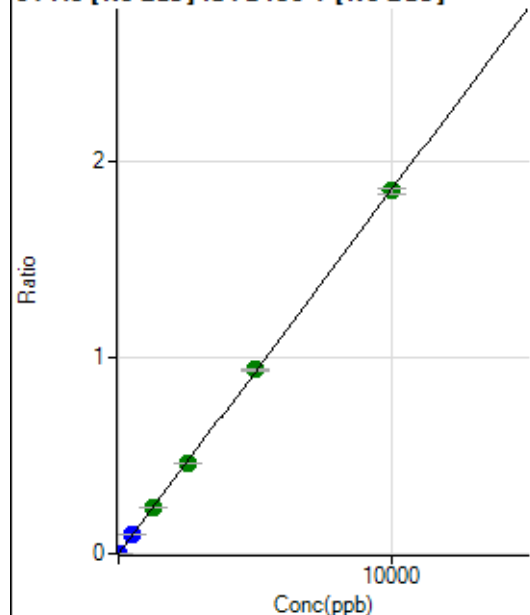
$$DL = 0.03191$$

$$BEC = 0.04105$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	201.11	0.0000	P	7.7
2	☐	5.000	5.114	9475.37	0.0010	P	2.2
3	☐	500.000	506.229	900924.96	0.0939	P	1.1
4	☐	1250.000	1265.519	2213713.93	0.2346	A	0.5
5	☐	2500.000	2469.892	4308099.45	0.4579	A	0.4
6	☐	5000.000	5063.637	8558199.59	0.9388	A	1.1
7	☐	10000.000	9973.457	16855335.17	1.8491	A	1.8
8	☐			4669.67	0.0006	P	5.4

$$y = 1.8540E-004 * x + 2.0716E-005$$

$$R = 1.0000$$

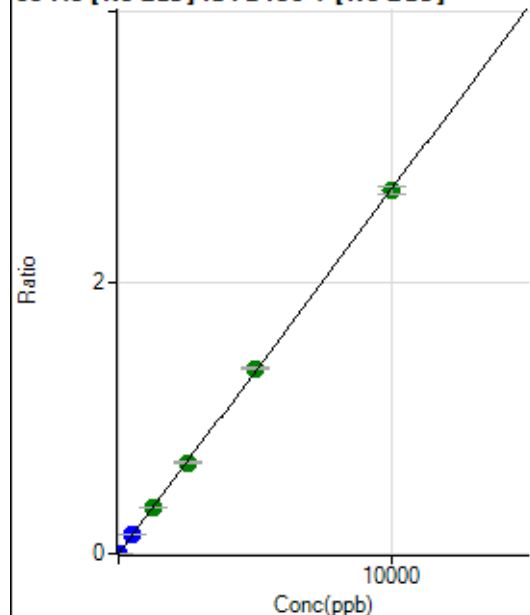
$$DL = 0.02583$$

$$BEC = 0.1117$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	564.46	0.0001	P	7.4
2	☐	5.000	4.272	11790.40	0.0012	P	0.6
3	☐	500.000	507.421	1308380.94	0.1363	P	1.2
4	☐	1250.000	1268.695	3214963.98	0.3408	A	0.5
5	☐	2500.000	2501.841	6321431.78	0.6719	A	1.5
6	☐	5000.000	5078.402	12433874.54	1.3639	A	0.8
7	☐	10000.000	9957.631	24376196.31	2.6742	A	2.3
8	☐			5651.16	0.0007	P	7.3

$$y = 2.6856E-004 * x + 5.8095E-005$$

$$R = 1.0000$$

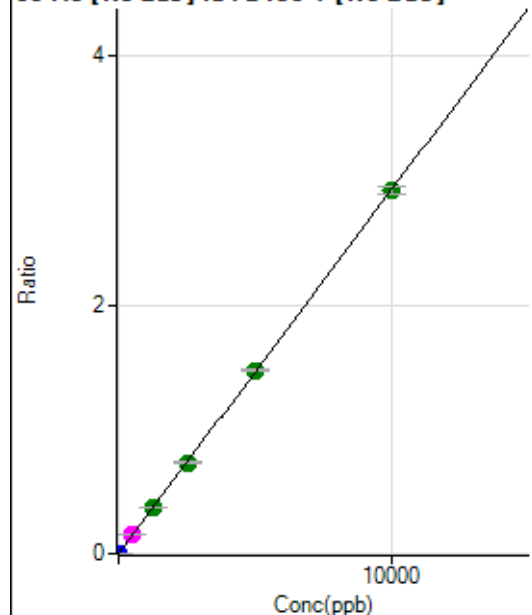
$$DL = 0.04809$$

$$BEC = 0.2163$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.67	0.0000	P	17.5
2	☐	5.000	4.408	12705.59	0.0013	P	0.6
3	☐	500.000	511.565	1436745.85	0.1497	M	1.2
4	☐	1250.000	1272.102	3512173.42	0.3723	A	0.8
5	☐	2500.000	2504.215	6893958.93	0.7328	A	1.1
6	☐	5000.000	5043.685	13455482.02	1.4759	A	0.8
7	☐	10000.000	9973.763	26603512.66	2.9185	A	2.0
8	☐			12409.80	0.0015	P	3.8

$$y = 2.9262\text{E-}004 * x + 8.9308\text{E-}006$$

$$R = 1.0000$$

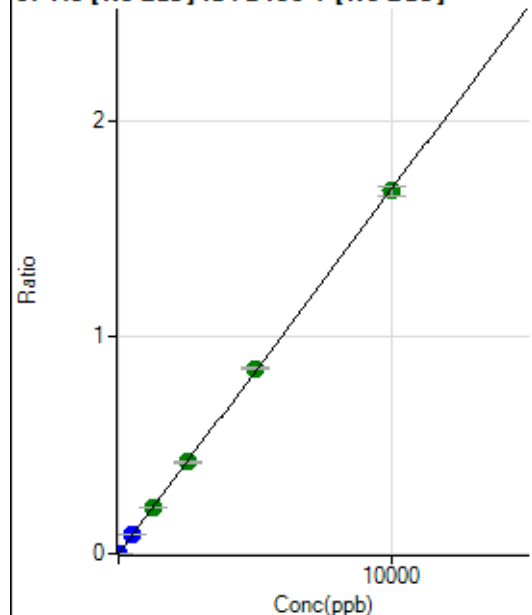
$$DL = 0.01599$$

$$BEC = 0.03052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	30.7
2	☐	5.000	4.370	7314.10	0.0007	P	1.4
3	☐	500.000	507.679	819278.86	0.0854	P	1.4
4	☐	1250.000	1262.807	2003135.45	0.2123	A	0.3
5	☐	2500.000	2516.345	3980331.19	0.4231	A	1.4
6	☐	5000.000	5073.101	7776328.21	0.8529	A	0.9
7	☐	10000.000	9957.379	15259833.66	1.6741	A	2.4
8	☐			3332.64	0.0004	P	8.7

$$y = 1.6813\text{E-}004 * x + 1.3072\text{E-}005$$

$$R = 1.0000$$

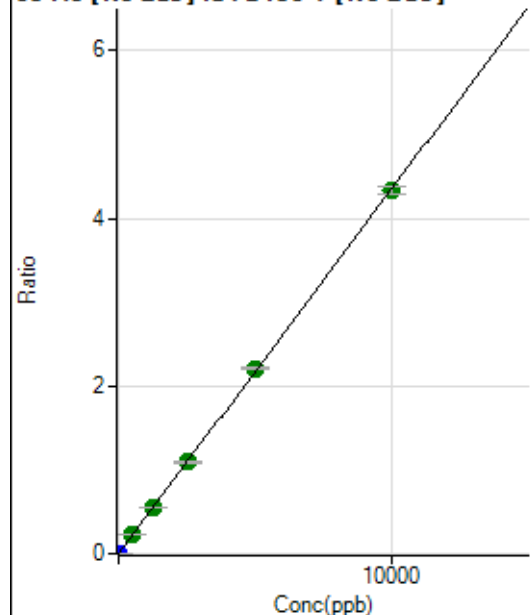
$$DL = 0.07172$$

$$BEC = 0.07775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	18.7
2	☐	5.000	4.384	18703.15	0.0019	P	1.7
3	☐	500.000	512.603	2139405.47	0.2229	A	1.2
4	☐	1250.000	1263.488	5183513.64	0.5494	A	0.7
5	☐	2500.000	2517.747	10299751.86	1.0948	A	1.0
6	☐	5000.000	5078.316	20130816.92	2.2083	A	0.9
7	☐	10000.000	9954.089	39455373.58	4.3284	A	2.2
8	☐			7746.60	0.0009	P	11.7

$$y = 4.3484\text{E-}004 * x + 5.7220\text{E-}006$$

$$R = 1.0000$$

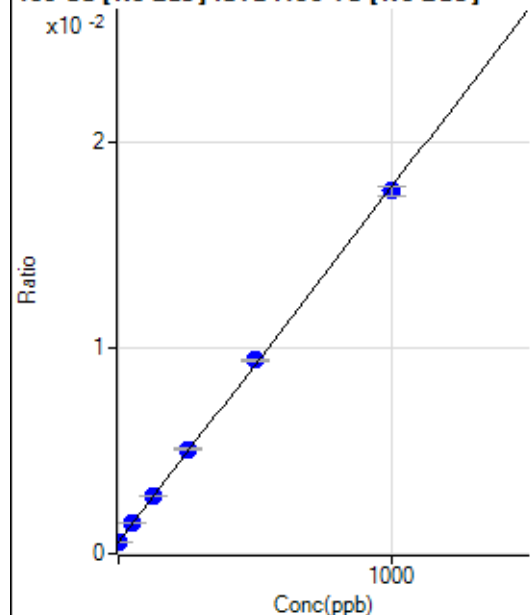
$$DL = 0.007369$$

$$BEC = 0.01316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4428.49	0.0006	P	1.4
2	☐	1.000	0.115	4506.30	0.0006	P	1.9
3	☐	50.000	54.917	11782.64	0.0015	P	1.1
4	☐	125.000	130.543	21836.47	0.0028	P	0.1
5	☐	250.000	262.158	39508.09	0.0051	P	2.8
6	☐	500.000	513.477	72402.63	0.0094	P	1.2
7	☐	1000.000	989.284	134715.44	0.0176	P	2.5
8	☐			3875.00	0.0006	P	1.8

$$y = 1.7240\text{E-}005 * x + 5.7090\text{E-}004$$

$$R = 0.9998$$

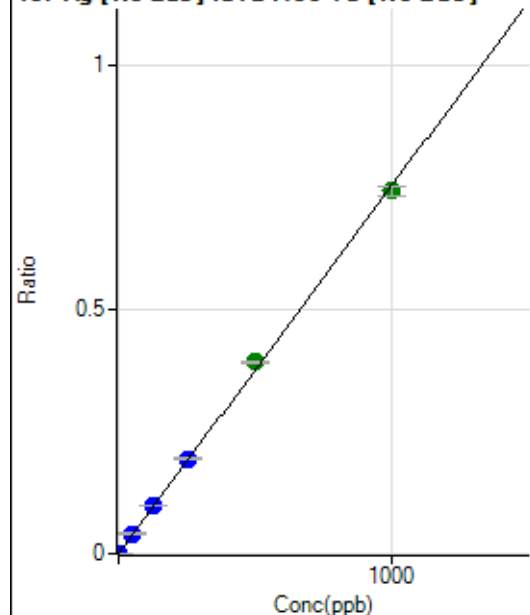
$$DL = 1.398$$

$$BEC = 33.12$$

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	83.34	0.0000	P	6.3
2	☐	1.000	0.952	5730.07	0.0007	P	2.1
3	☐	50.000	54.844	321148.18	0.0414	P	0.5
4	☐	125.000	132.118	771104.43	0.0996	P	1.1
5	☐	250.000	257.293	1505985.29	0.1940	P	1.3
6	☐	500.000	520.523	3015883.81	0.3925	A	1.7
7	☐	1000.000	986.783	5688055.33	0.7441	A	2.5
8	☐			1428.97	0.0002	P	10.0

$$y = 7.5408\text{E-}004 * x + 1.0741\text{E-}005$$

$$R = 0.9996$$

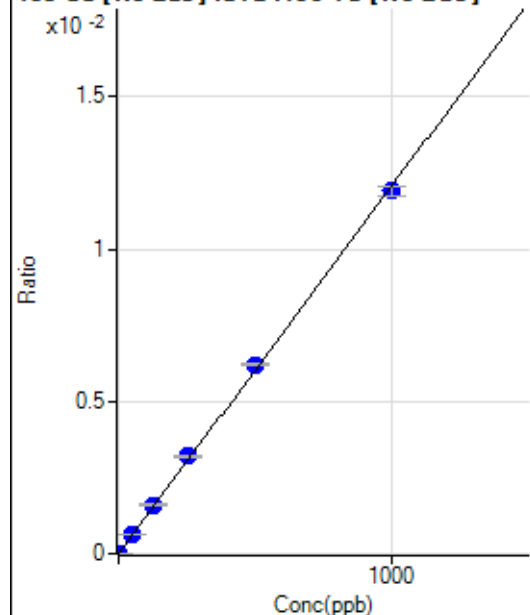
$$DL = 0.002685$$

$$BEC = 0.01424$$

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	8.89	0.0000	P	57.0
2	☐	1.000	1.031	106.67	0.0000	P	16.4
3	☐	50.000	53.259	4992.02	0.0006	P	1.0
4	☐	125.000	133.297	12442.12	0.0016	P	1.8
5	☐	250.000	266.465	24933.69	0.0032	P	2.2
6	☐	500.000	513.873	47595.59	0.0062	P	0.8
7	☐	1000.000	987.747	90996.23	0.0119	P	2.8
8	☐			72.22	0.0000	P	29.3

$$y = 1.2052\text{E-}005 * x + 1.1430\text{E-}006$$

$$R = 0.9997$$

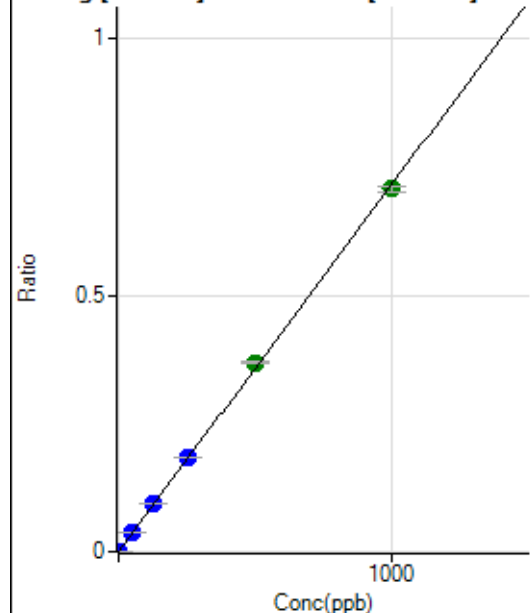
$$DL = 0.1621$$

$$BEC = 0.09484$$

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	23.34	0.0000	P	49.1
2	☐	1.000	0.949	5367.71	0.0007	P	4.6
3	☐	50.000	54.889	305009.87	0.0393	P	0.2
4	☐	125.000	132.454	733696.50	0.0948	P	1.0
5	☐	250.000	258.023	1433413.76	0.1847	P	1.0
6	☐	500.000	515.919	2837142.01	0.3693	A	1.4
7	☐	1000.000	988.859	5409995.20	0.7078	A	1.6
8	☐			1251.18	0.0002	P	9.3

$$y = 7.1572\text{E-}004 * x + 3.0052\text{E-}006$$

$$R = 0.9998$$

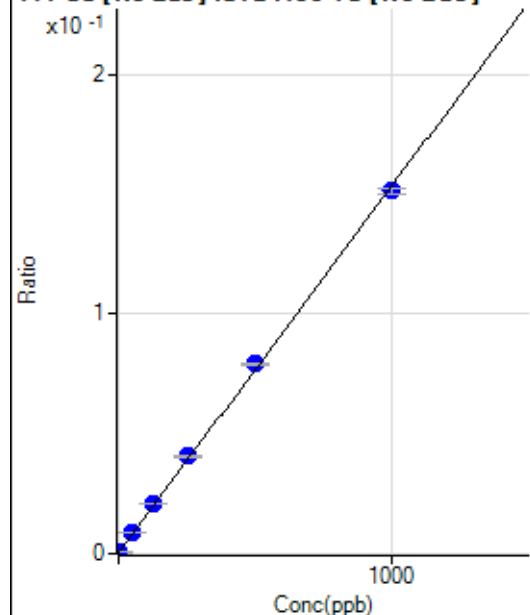
$$DL = 0.006182$$

$$BEC = 0.004199$$

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	3095.95	0.0004	P	1.2
2	☐	1.000	1.004	4346.47	0.0006	P	2.6
3	☐	50.000	55.089	68459.45	0.0088	P	0.7
4	☐	125.000	133.993	161581.18	0.0209	P	1.1
5	☐	250.000	262.789	314836.03	0.0406	P	1.0
6	☐	500.000	515.832	608787.97	0.0792	P	1.3
7	☐	1000.000	987.508	1156646.84	0.1513	P	1.8
8	☐			3323.08	0.0005	P	1.6

$$y = 1.5283\text{E-}004 * x + 3.9912\text{E-}004$$

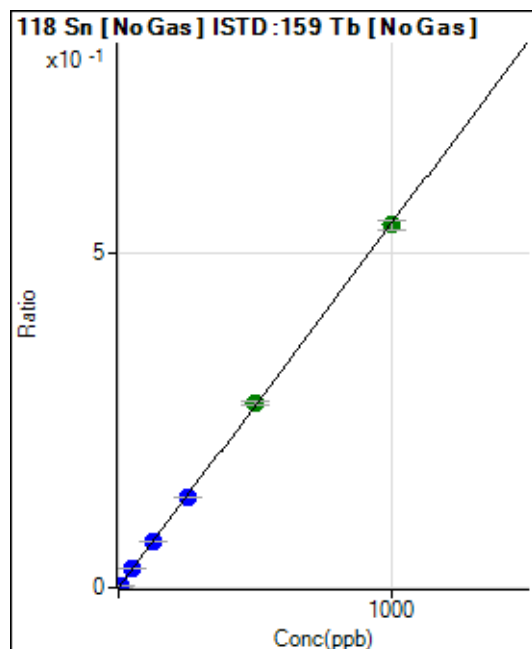
$$R = 0.9997$$

$$DL = 0.09766$$

$$BEC = 2.611$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	340.01	0.0000	P	14.5
2	☐	5.000	4.571	19912.72	0.0025	P	1.4
3	☐	50.000	51.261	216910.33	0.0279	P	0.6
4	☐	125.000	126.464	532959.91	0.0689	P	0.7
5	☐	250.000	248.184	1048613.85	0.1351	P	1.4
6	☐	500.000	508.255	2125421.55	0.2766	A	1.8
7	☐	1000.000	996.083	4143419.17	0.5421	A	2.4
8	☐			2379.11	0.0003	P	2.1

$$y = 5.4420\text{E-}004 * x + 4.3862\text{E-}005$$

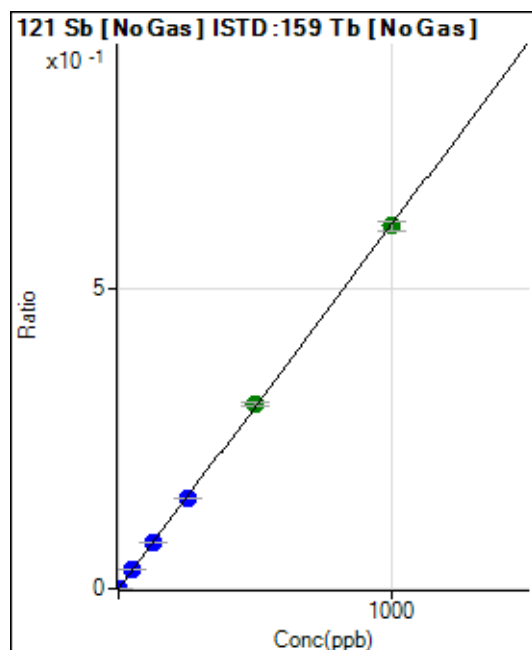
$$R = 0.9999$$

$$DL = 0.03504$$

$$BEC = 0.0806$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	49.6
2	☐	2.000	1.799	8643.79	0.0011	P	1.9
3	☐	50.000	51.312	242402.29	0.0312	P	0.7
4	☐	125.000	125.542	591184.50	0.0764	P	0.8
5	☐	250.000	248.411	1173114.43	0.1511	P	1.5
6	☐	500.000	506.929	2369812.85	0.3084	A	1.6
7	☐	1000.000	996.800	4635546.94	0.6065	A	2.4
8	☐			3059.24	0.0004	P	3.6

$$y = 6.0844\text{E-}004 * x + 4.1635\text{E-}006$$

$$R = 1.0000$$

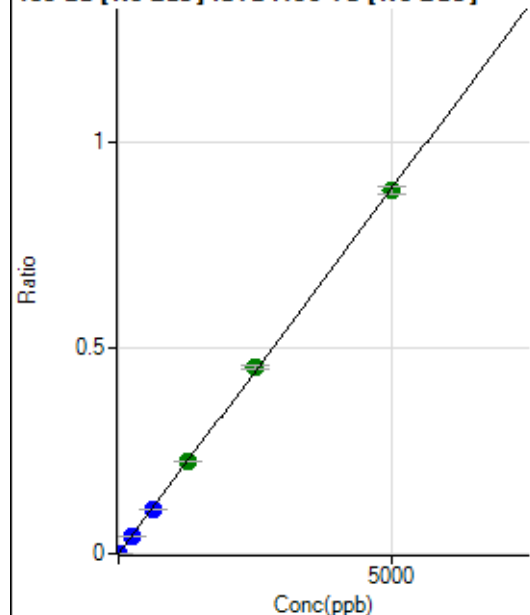
$$DL = 0.01018$$

$$BEC = 0.006843$$

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	34.44	0.0000	P	39.9
2	☐	10.000	8.990	12595.67	0.0016	P	0.5
3	☐	250.000	246.719	340260.72	0.0438	P	0.2
4	☐	625.000	607.654	835395.34	0.1079	P	0.6
5	☐	1250.000	1265.622	1744890.67	0.2248	A	1.8
6	☐	2500.000	2553.060	3484308.73	0.4535	A	2.1
7	☐	5000.000	4971.899	6750367.12	0.8832	A	2.1
8	☐			3763.88	0.0005	P	7.0

$$y = 1.7763\text{E-}004 * x + 4.4349\text{E-}006$$

$$R = 0.9999$$

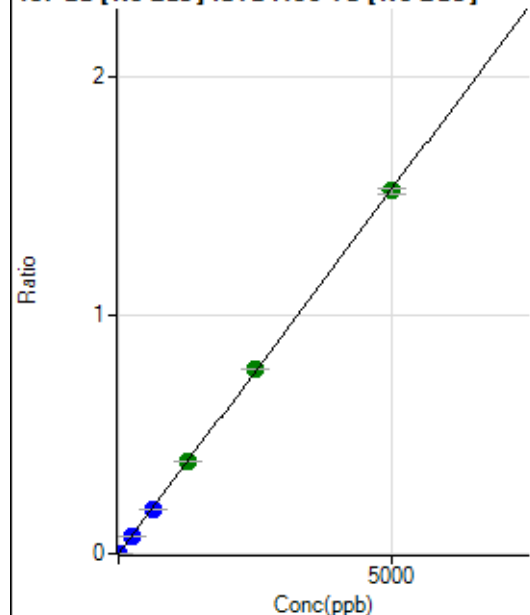
$$DL = 0.02985$$

$$BEC = 0.02497$$

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	45.55	0.0000	P	23.7
2	☐	10.000	8.882	21406.19	0.0027	P	0.2
3	☐	250.000	247.697	587940.62	0.0757	P	0.9
4	☐	625.000	609.685	1442628.47	0.1864	P	0.8
5	☐	1250.000	1267.180	3006959.95	0.3874	A	1.5
6	☐	2500.000	2535.973	5957348.94	0.7753	A	0.5
7	☐	5000.000	4979.750	11637328.16	1.5225	A	1.8
8	☐			6412.62	0.0009	P	3.0

$$y = 3.0573\text{E-}004 * x + 5.8751\text{E-}006$$

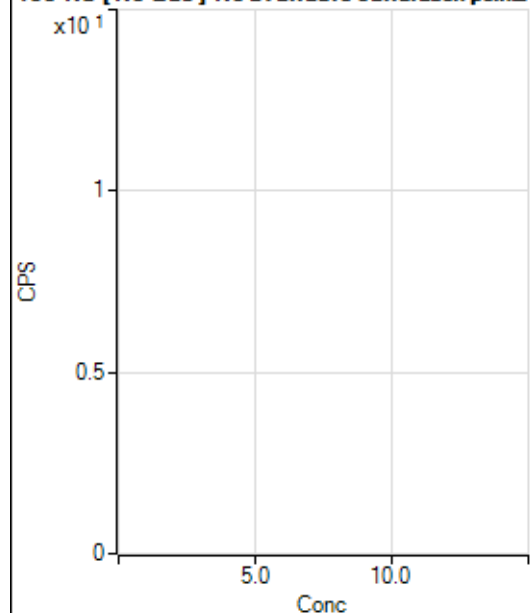
$$R = 0.9999$$

$$DL = 0.01365$$

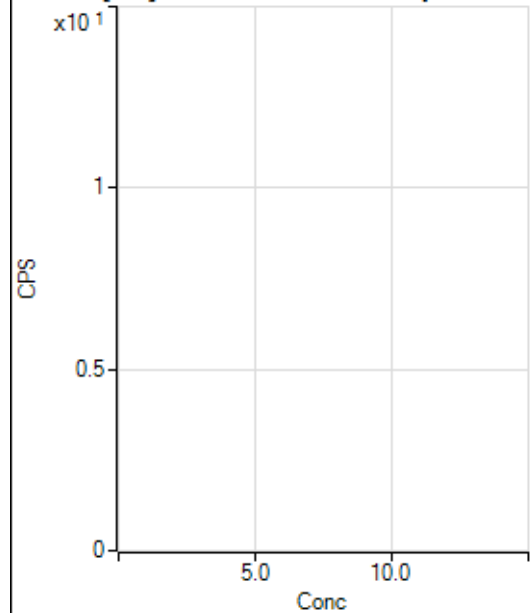
$$BEC = 0.01922$$

Weight: <None>

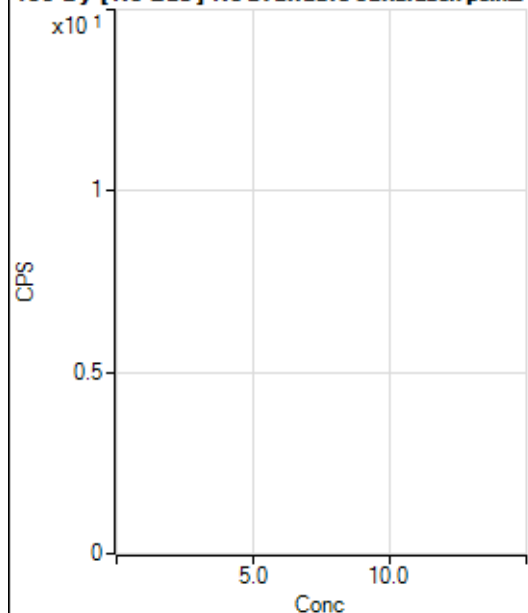
Min Conc: 0

150 Nd [No Gas] No available calibration points

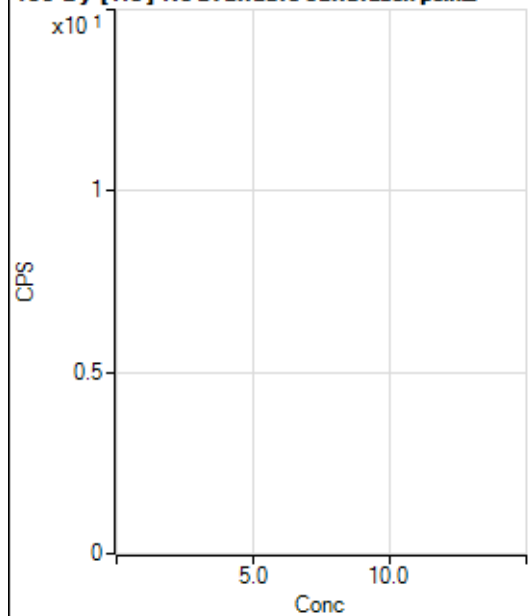
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐			5.56		P	91.6
3	☐			50.00		P	24.0
4	☐			138.89		P	16.3
5	☐			250.01		P	6.1
6	☐			503.35		P	3.5
7	☐			1042.27		P	3.4
8	☐			202.23		P	11.0

150 Nd [He] No available calibration points

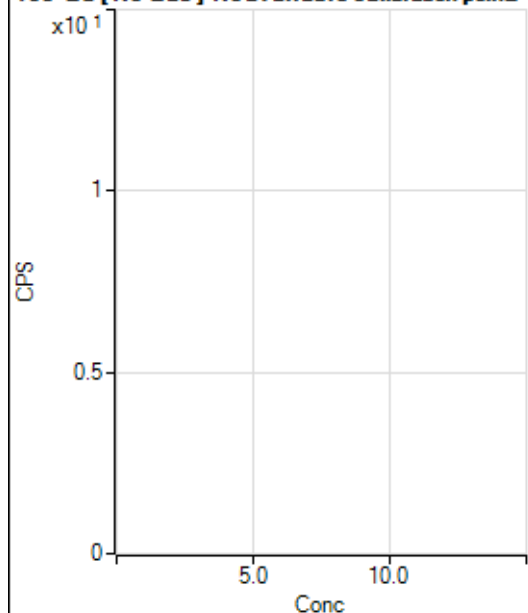
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	173.
3	☐			8.89		P	21.6
4	☐			26.67		P	12.5
5	☐			35.55		P	19.5
6	☐			100.00		P	8.8
7	☐			174.45		P	19.5
8	☐			106.67		P	6.2

156 Dy [No Gas] No available calibration points

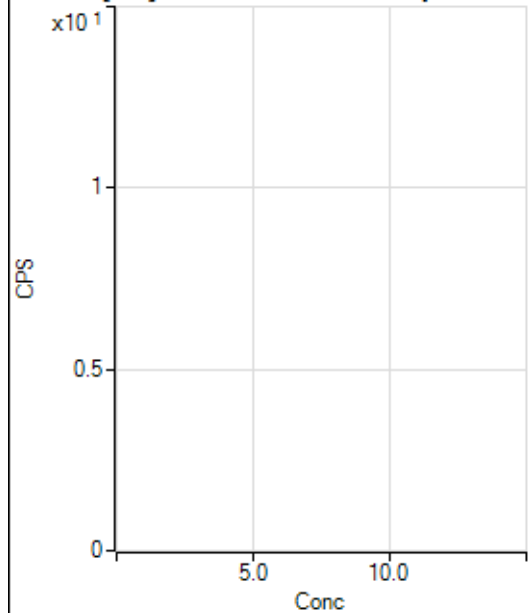
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			11.11		P	96.4
3	☐			23.33		P	42.9
4	☐			66.67		P	18.0
5	☐			118.89		P	6.5
6	☐			248.90		P	8.6
7	☐			421.12		P	10.8
8	☐			1085.61		P	5.6

156 Dy [He] No available calibration points

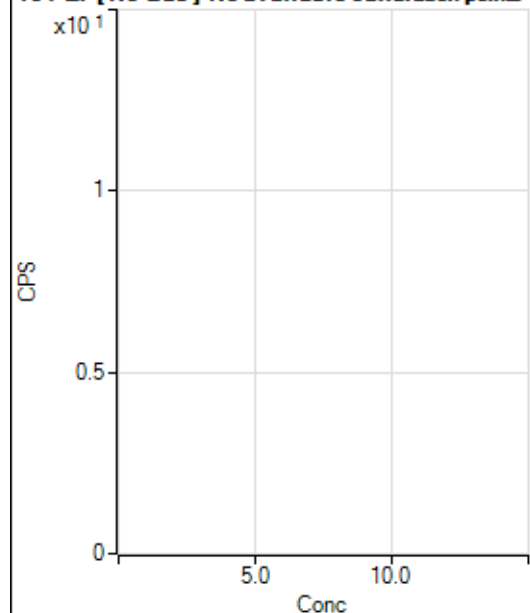
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			5.56		P	34.7
3	☐			14.44		P	53.3
4	☐			55.56		P	13.9
5	☐			83.33		P	14.4
6	☐			177.78		P	14.1
7	☐			362.23		P	2.3
8	☐			648.91		P	13.2

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

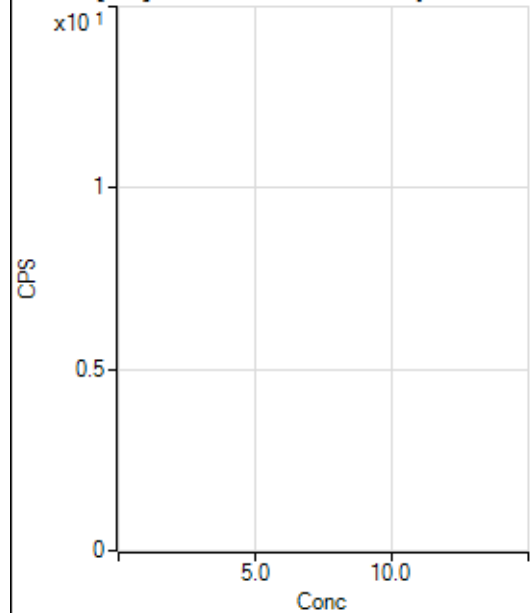
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	57.7
2	☐			25.56		P	19.9
3	☐			44.44		P	37.0
4	☐			61.11		P	11.4
5	☐			115.56		P	8.8
6	☐			143.34		P	12.9
7	☐			338.90		P	17.2
8	☐			1100.05		P	3.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			210.00		P	14.1
2	☐			163.34		P	20.7
3	☐			201.11		P	14.1
4	☐			193.34		P	10.8
5	☐			216.67		P	18.7
6	☐			261.12		P	10.3
7	☐			346.67		P	12.6
8	☐			818.92		P	3.6

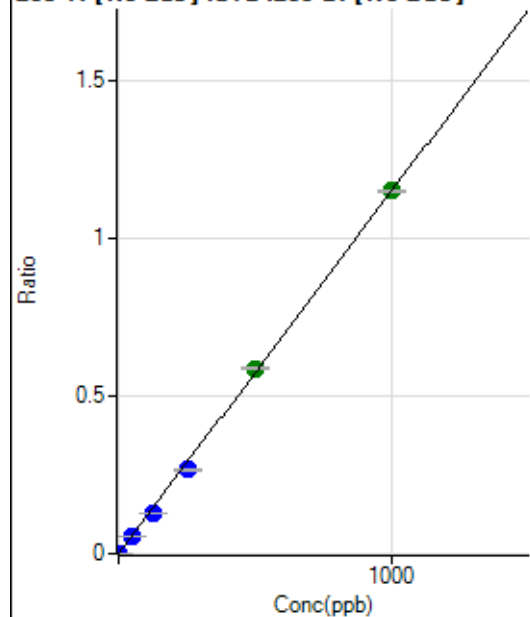
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	39.8
2	☐			43.33		P	20.3
3	☐			62.22		P	20.3
4	☐			68.89		P	20.1
5	☐			86.67		P	7.7
6	☐			101.11		P	21.2
7	☐			116.67		P	15.1
8	☐			178.89		P	3.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			34.44		P	27.9
2	☐			33.33		P	17.3
3	☐			44.45		P	30.3
4	☐			46.67		P	25.8
5	☐			47.78		P	22.4
6	☐			56.67		P	17.6
7	☐			74.44		P	22.1
8	☐			113.34		P	12.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	23.6
2	☐	1.000	0.822	4136.22	0.0010	P	3.4
3	☐	50.000	45.736	226977.33	0.0526	P	0.7
4	☐	125.000	113.658	558730.45	0.1306	P	0.6
5	☐	250.000	231.054	1122807.77	0.2656	P	1.6
6	☐	500.000	510.992	2437288.16	0.5873	A	0.5
7	☐	1000.000	1000.871	4747977.05	1.1503	A	0.8
8	☐			901.15	0.0003	P	20.1

$$y = 0.0011 * x + 1.1957E-005$$

$$R = 0.9997$$

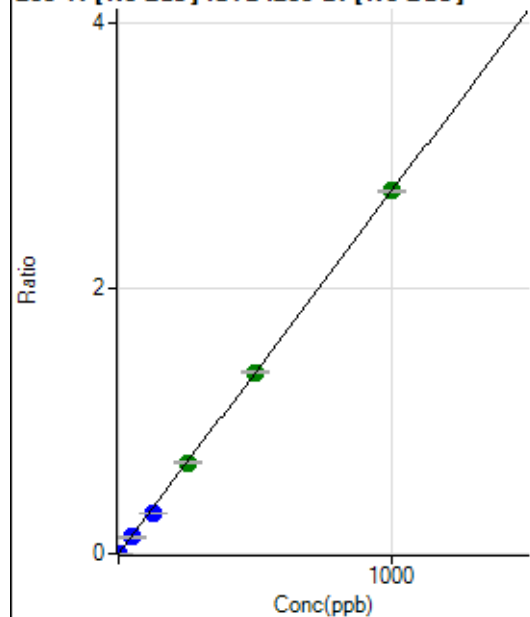
$$DL = 0.007358$$

$$BEC = 0.0104$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	151.12	0.0000	P	5.4
2	☐	1.000	0.800	9617.93	0.0022	P	0.1
3	☐	50.000	45.140	533193.09	0.1235	P	0.3
4	☐	125.000	112.532	1316602.21	0.3078	P	0.7
5	☐	250.000	249.918	2890364.99	0.6836	A	2.1
6	☐	500.000	501.425	5692069.50	1.3716	A	1.1
7	☐	1000.000	1001.110	11302903.30	2.7384	A	0.2
8	☐			2074.63	0.0006	P	11.4

$$y = 0.0027 * x + 3.5330E-005$$

$$R = 0.9999$$

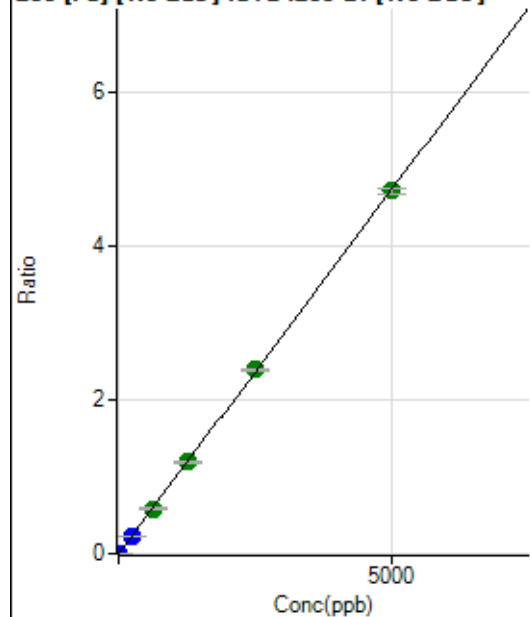
$$DL = 0.002077$$

$$BEC = 0.01292$$

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	130.00	0.0000	P	6.8
2	☐	1.000	0.772	3295.98	0.0008	P	2.5
3	☐	250.000	227.883	931825.40	0.2159	P	1.5
4	☐	625.000	618.809	2506697.69	0.5861	A	1.4
5	☐	1250.000	1261.094	5049943.53	1.1944	A	1.5
6	☐	2500.000	2525.500	9926292.42	2.3919	A	0.7
7	☐	5000.000	4986.356	19491623.18	4.7225	A	1.6
8	☐			7820.09	0.0022	P	0.7

$$y = 9.4708\text{E-}004 * x + 3.0387\text{E-}005$$

$$R = 1.0000$$

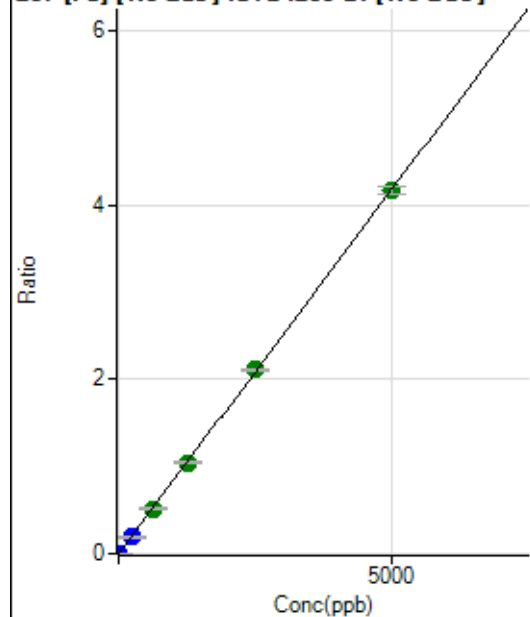
$$DL = 0.006548$$

$$BEC = 0.03208$$

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	123.34	0.0000	P	16.8
2	☐	1.000	0.781	2949.24	0.0007	P	2.4
3	☐	250.000	224.688	810653.43	0.1878	P	1.1
4	☐	625.000	618.203	2209486.84	0.5166	A	1.0
5	☐	1250.000	1248.708	4411901.39	1.0435	A	1.9
6	☐	2500.000	2532.402	8781952.65	2.1161	A	0.9
7	☐	5000.000	4986.237	17197182.24	4.1666	A	2.3
8	☐			6638.35	0.0019	P	6.3

$$y = 8.3561\text{E-}004 * x + 2.8845\text{E-}005$$

$$R = 1.0000$$

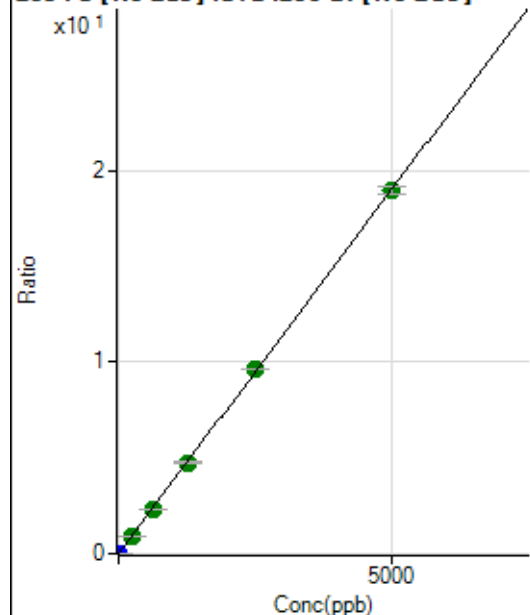
$$DL = 0.01742$$

$$BEC = 0.03452$$

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	536.68	0.0001	P	7.7
2	☐	1.000	0.792	13548.37	0.0031	P	0.7
3	☐	250.000	236.716	3878536.23	0.8984	A	0.9
4	☐	625.000	614.143	9968138.62	2.3306	A	0.7
5	☐	1250.000	1249.584	20049343.87	4.7420	A	1.8
6	☐	2500.000	2533.821	39903561.42	9.6153	A	0.5
7	☐	5000.000	4985.215	78080155.37	18.9177	A	2.2
8	☐			30938.54	0.0088	P	2.7

$$y = 0.0038 * x + 1.2549E-004$$

$$R = 1.0000$$

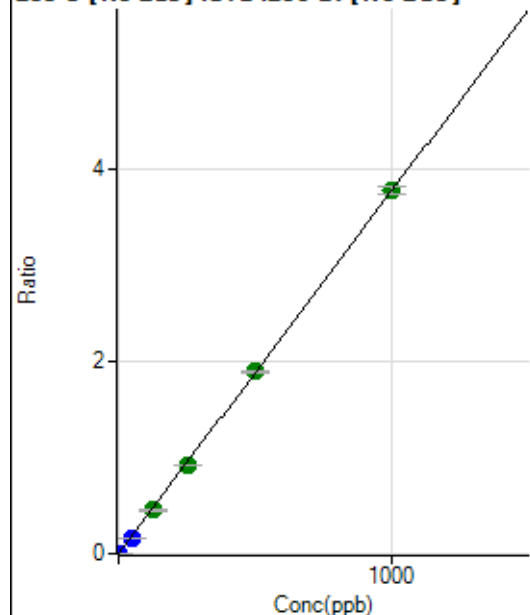
$$DL = 0.007657$$

$$BEC = 0.03307$$

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	17.78	0.0000	P	28.3
2	☐	1.000	0.759	12406.98	0.0029	P	0.9
3	☐	50.000	42.833	697397.67	0.1615	P	0.9
4	☐	125.000	119.902	1934073.39	0.4522	A	1.0
5	☐	250.000	245.580	3916331.78	0.9262	A	0.7
6	☐	500.000	502.295	7861562.73	1.8944	A	0.9
7	☐	1000.000	1000.953	15580562.55	3.7750	A	2.3
8	☐			3873.94	0.0011	P	1.0

$$y = 0.0038 * x + 4.1519E-006$$

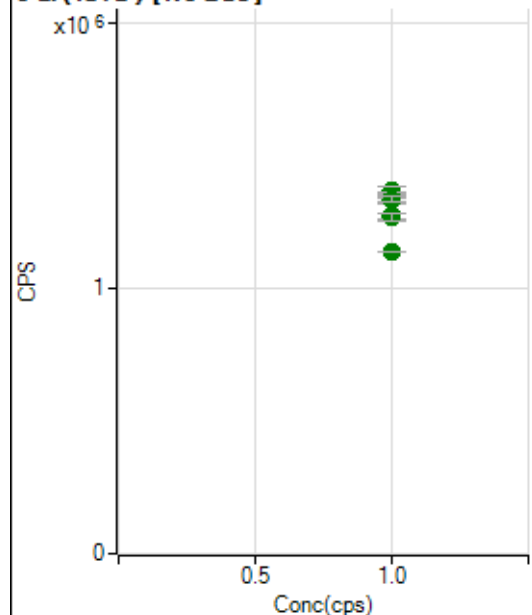
$$R = 1.0000$$

$$DL = 0.0009357$$

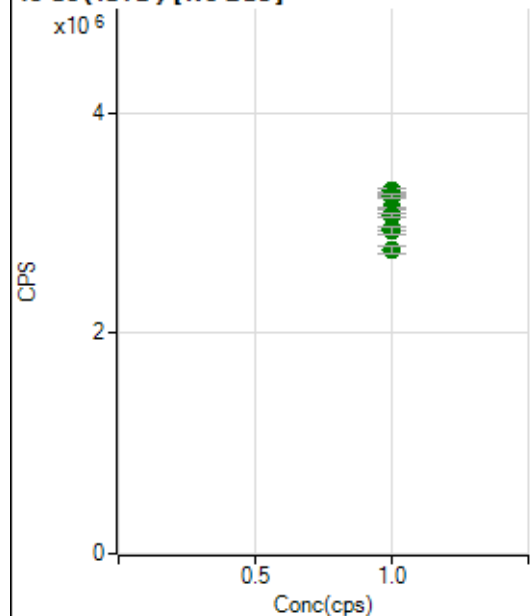
$$BEC = 0.001101$$

Weight: <None>

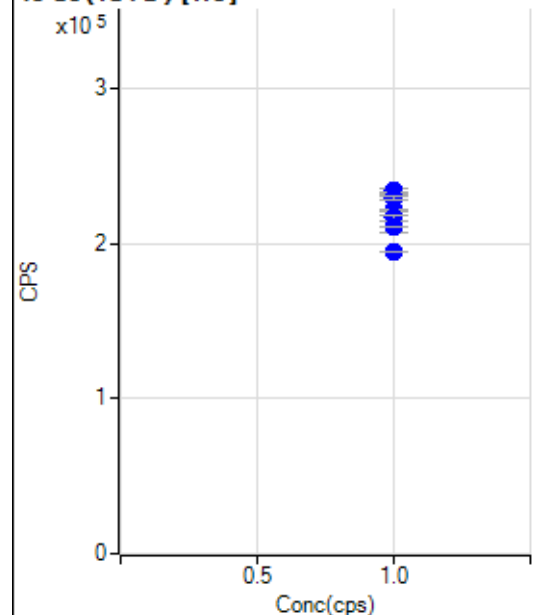
Min Conc: 0

6 Li (ISTD) [No Gas]

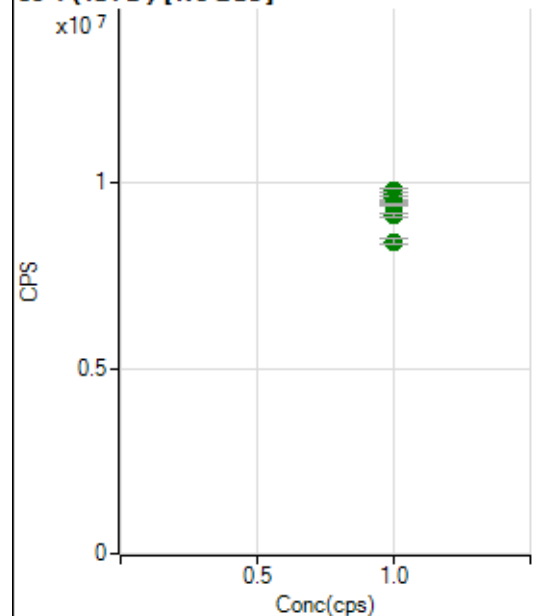
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1358963.73		A	0.4
2	☐	1.000		1367111.03		A	2.1
3	☐	1.000		1349822.32		A	1.4
4	☐	1.000		1334309.75		A	2.3
5	☐	1.000		1335558.94		A	1.9
6	☐	1.000		1273500.33		A	1.6
7	☐	1.000		1266322.58		A	2.2
8	☐	1.000		1137025.83		A	0.4

45 Sc (ISTD) [No Gas]

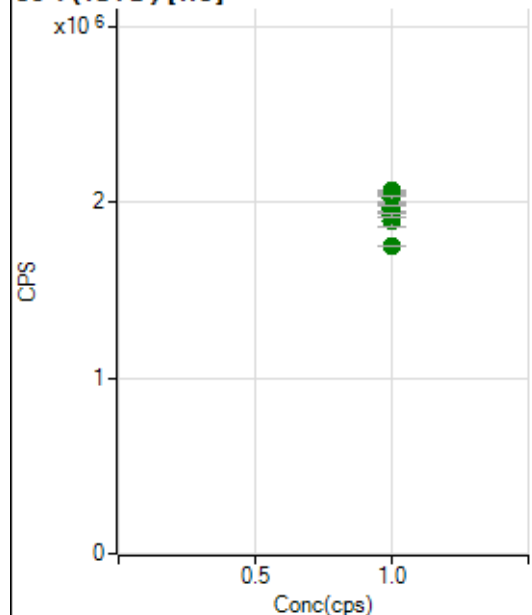
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3257166.55		A	0.5
2	☐	1.000		3290655.30		A	1.1
3	☐	1.000		3249435.47		A	0.9
4	☐	1.000		3131194.71		A	0.8
5	☐	1.000		3066379.96		A	1.2
6	☐	1.000		2951306.31		A	1.3
7	☐	1.000		2926814.50		A	2.2
8	☐	1.000		2762220.13		A	2.4

45 Sc (ISTD) [He]

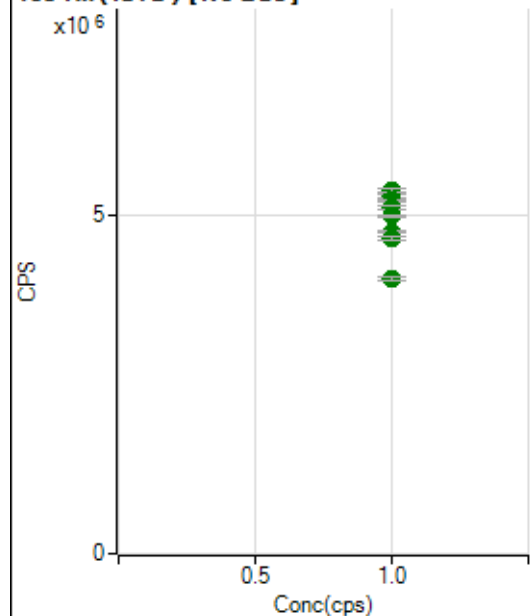
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234070.11		P	0.9
2	☐	1.000		232638.52		P	0.6
3	☐	1.000		229902.12		P	1.0
4	☐	1.000		221831.90		P	0.5
5	☐	1.000		216713.82		P	2.0
6	☐	1.000		211018.94		P	3.6
7	☐	1.000		210822.87		P	0.4
8	☐	1.000		194519.06		P	0.2

89 Y (ISTD) [No Gas]

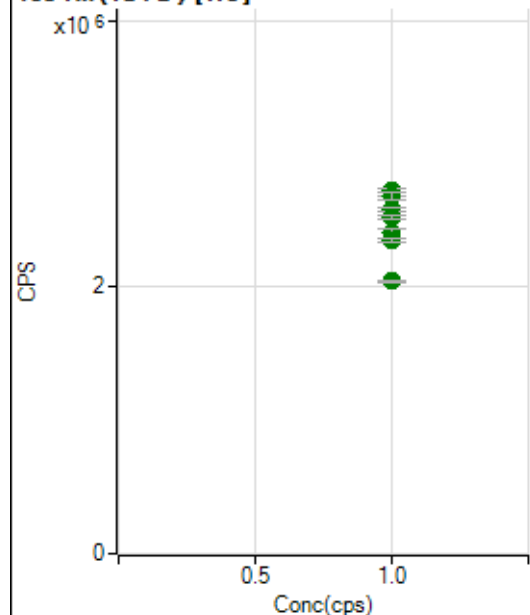
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9712541.24		A	1.1
2	☐	1.000		9781987.84		A	1.0
3	☐	1.000		9597720.83		A	0.8
4	☐	1.000		9434445.55		A	1.1
5	☐	1.000		9407878.68		A	0.5
6	☐	1.000		9116752.02		A	1.1
7	☐	1.000		9116991.25		A	1.3
8	☐	1.000		8408903.07		A	1.7

89 Y (ISTD) [He]

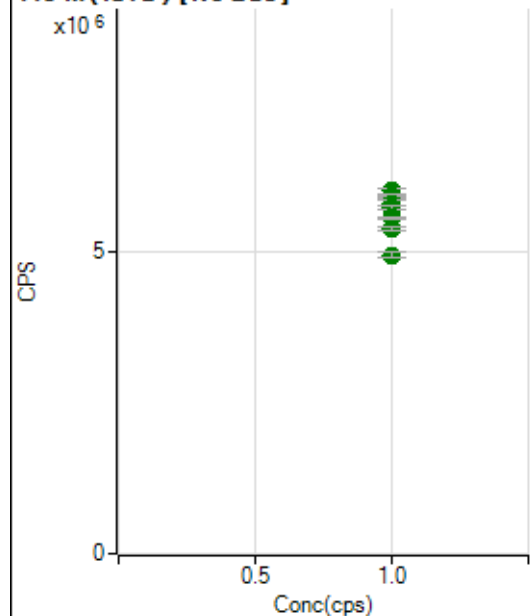
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2063108.98		A	0.3
2	☐	1.000		2042270.89		A	0.4
3	☐	1.000		2020511.67		A	1.8
4	☐	1.000		1968439.12		A	2.1
5	☐	1.000		1955250.51		A	2.4
6	☐	1.000		1886943.32		A	2.6
7	☐	1.000		1923195.96		A	1.3
8	☐	1.000		1748420.60		A	0.3

103 Rh (ISTD) [No Gas]

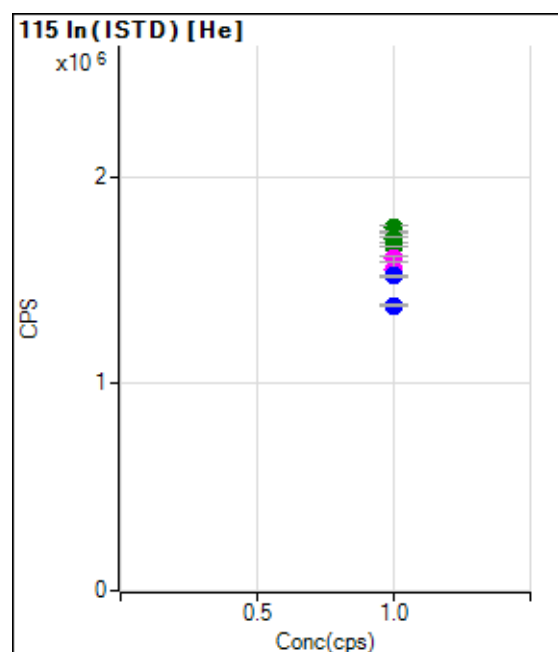
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5292238.67		A	1.2
2	☐	1.000		5374834.57		A	1.2
3	☐	1.000		5230912.94		A	0.6
4	☐	1.000		5122905.97		A	1.3
5	☐	1.000		5001067.70		A	0.3
6	☐	1.000		4770052.67		A	0.9
7	☐	1.000		4668607.50		A	1.5
8	☐	1.000		4066831.50		A	1.2

103 Rh (ISTD) [He]

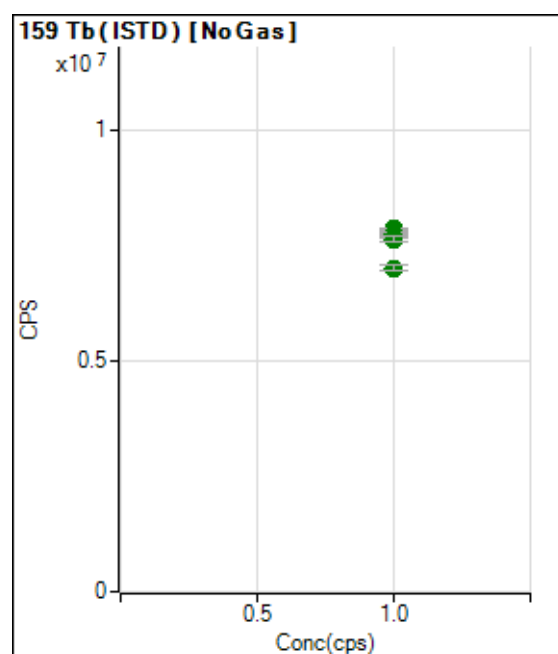
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2722083.29		A	1.2
2	☐	1.000		2680501.66		A	0.3
3	☐	1.000		2683472.62		A	1.9
4	☐	1.000		2579307.95		A	1.3
5	☐	1.000		2524719.60		A	1.4
6	☐	1.000		2404622.86		A	3.1
7	☐	1.000		2354375.21		A	1.2
8	☐	1.000		2047143.86		A	0.7

115 In (ISTD) [No Gas]

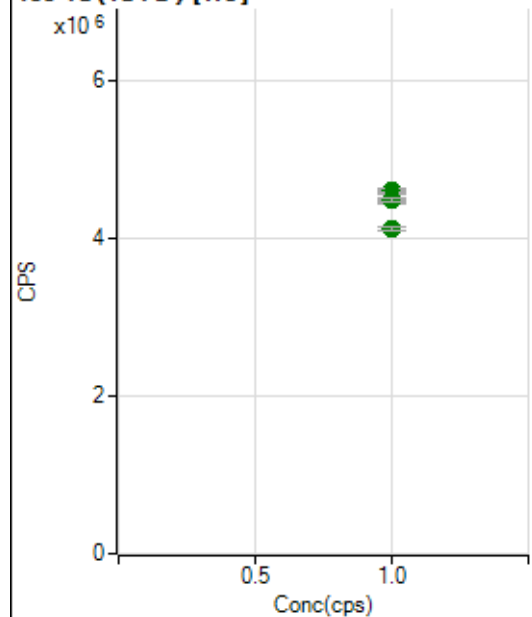
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5932886.67		A	0.8
2	☐	1.000		6020021.89		A	1.6
3	☐	1.000		5941167.12		A	0.7
4	☐	1.000		5822410.86		A	1.5
5	☐	1.000		5730362.65		A	1.1
6	☐	1.000		5576219.47		A	0.8
7	☐	1.000		5389790.11		A	1.3
8	☐	1.000		4958351.71		A	1.5



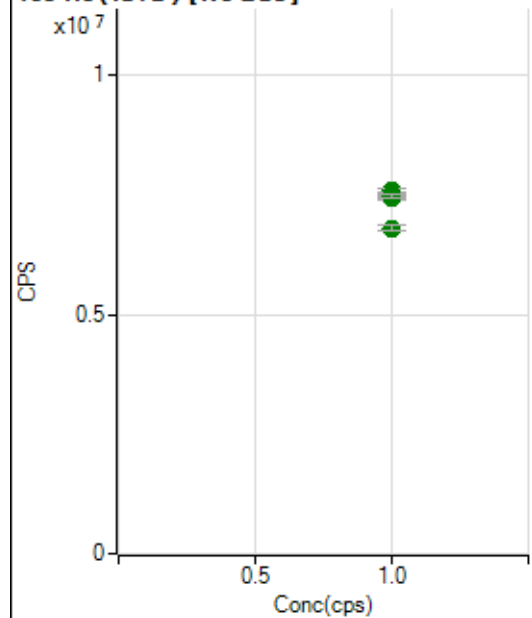
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1751243.44		A	1.4
2	☐	1.000		1731607.87		A	0.5
3	☐	1.000		1695056.16		A	2.0
4	☐	1.000		1662893.10		A	0.3
5	☐	1.000		1601543.84		M	1.8
6	☐	1.000		1553990.14		M	4.4
7	☐	1.000		1520246.65		P	0.7
8	☐	1.000		1374964.84		P	0.7



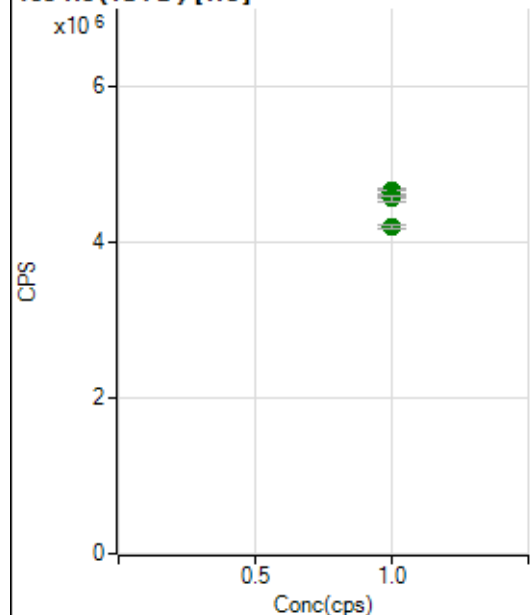
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7756521.97		A	0.7
2	☐	1.000		7865991.90		A	0.2
3	☐	1.000		7763419.40		A	0.6
4	☐	1.000		7739560.09		A	1.0
5	☐	1.000		7762374.12		A	1.3
6	☐	1.000		7683729.89		A	0.6
7	☐	1.000		7645024.12		A	1.6
8	☐	1.000		7013603.65		A	1.9

159 Tb (ISTD) [He]

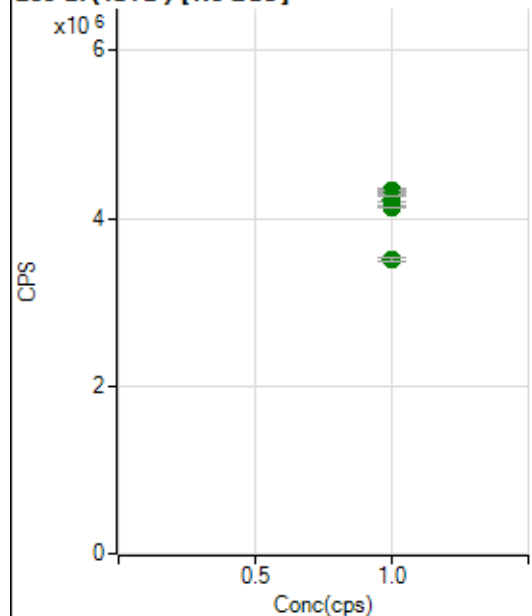
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4586250.90		A	0.8
2	☐	1.000		4596803.58		A	1.0
3	☐	1.000		4566084.41		A	0.8
4	☐	1.000		4473338.54		A	0.7
5	☐	1.000		4518384.55		A	1.9
6	☐	1.000		4493961.95		A	2.8
7	☐	1.000		4483121.32		A	0.9
8	☐	1.000		4115229.90		A	1.5

165 Ho (ISTD) [No Gas]

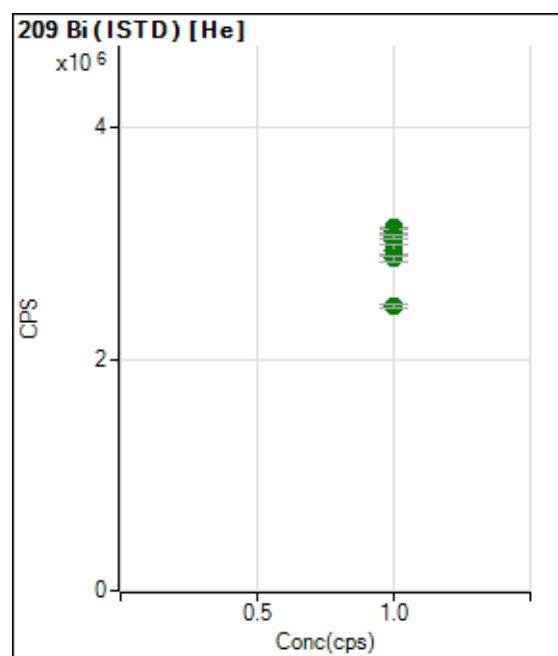
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7441127.53		A	1.3
2	☐	1.000		7584748.15		A	1.0
3	☐	1.000		7567280.23		A	1.4
4	☐	1.000		7478707.04		A	1.1
5	☐	1.000		7536118.43		A	0.3
6	☐	1.000		7437505.58		A	0.7
7	☐	1.000		7462706.90		A	1.1
8	☐	1.000		6812194.69		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4646758.65		A	1.5
2	☐	1.000		4640156.53		A	1.3
3	☐	1.000		4656970.07		A	1.4
4	☐	1.000		4575647.29		A	0.5
5	☐	1.000		4634494.86		A	0.8
6	☐	1.000		4583971.49		A	3.1
7	☐	1.000		4556825.80		A	1.4
8	☐	1.000		4193745.60		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4278468.41		A	0.8
2	☐	1.000		4326800.87		A	1.8
3	☐	1.000		4317130.18		A	0.4
4	☐	1.000		4276949.21		A	0.5
5	☐	1.000		4228720.84		A	1.6
6	☐	1.000		4150009.83		A	0.1
7	☐	1.000		4127623.06		A	0.5
8	☐	1.000		3511268.80		A	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3104761.83		A	1.1
2	☐	1.000		3131519.15		A	0.7
3	☐	1.000		3096194.22		A	2.1
4	☐	1.000		3014902.56		A	1.6
5	☐	1.000		3053494.96		A	1.1
6	☐	1.000		2941928.77		A	2.8
7	☐	1.000		2867553.60		A	1.8
8	☐	1.000		2459339.91		A	1.0