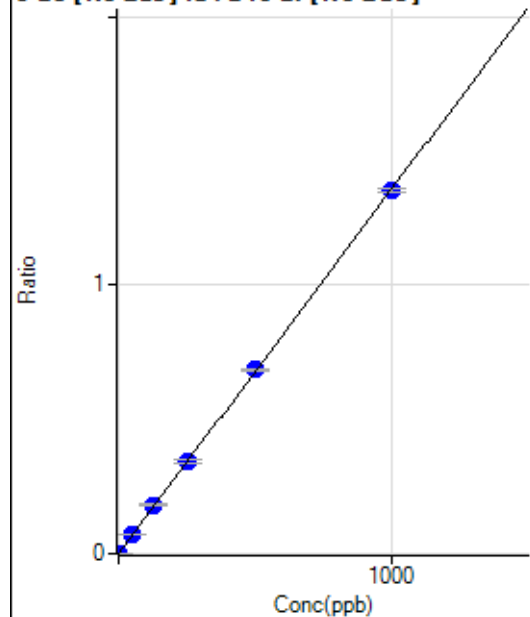


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032825 MS.b\
 Analysis File: P7032825 MS.batch.bin
 DA Date-Time: 2025-03-31 00:43:51
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-03-28 12:39:57
2	006CALS.d	S02	2025-03-28 12:46:34
3	007CALS.d	S03	2025-03-28 12:49:52
4	008CALS.d	S04	2025-03-28 12:53:03
5	009CALS.d	S05	2025-03-28 12:56:04
6	010CALS.d	S06	2025-03-28 12:58:59
7	011CALS.d	S07	2025-03-28 13:01:45
8	012CALS.d	S08	2025-03-28 13:04:33

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	65.55	0.0001	P	5.6
2	☐	1.000	0.983	852.25	0.0014	P	4.2
3	☐	50.000	53.820	45158.93	0.0731	P	2.6
4	☐	125.000	134.068	113345.59	0.1820	P	1.0
5	☐	250.000	252.387	218220.07	0.3424	P	4.0
6	☐	500.000	504.339	414172.69	0.6842	P	1.7
7	☐	1000.000	995.910	820267.43	1.3510	P	1.1
8	☐			113.33	0.0002	P	12.8

$$y = 0.0014 * x + 1.1044E-004$$

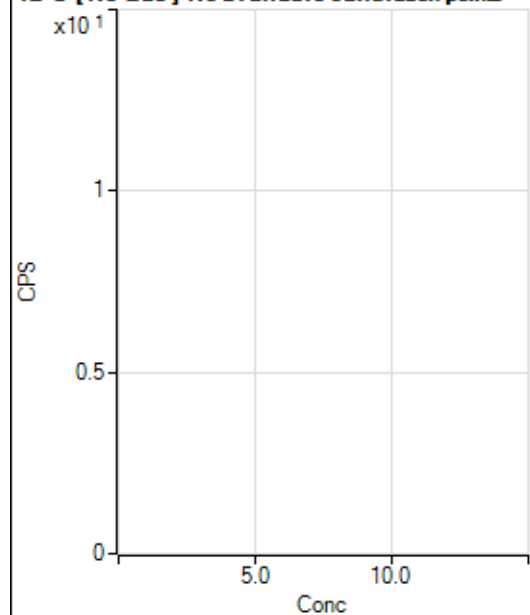
$$R = 0.9999$$

$$DL = 0.01367$$

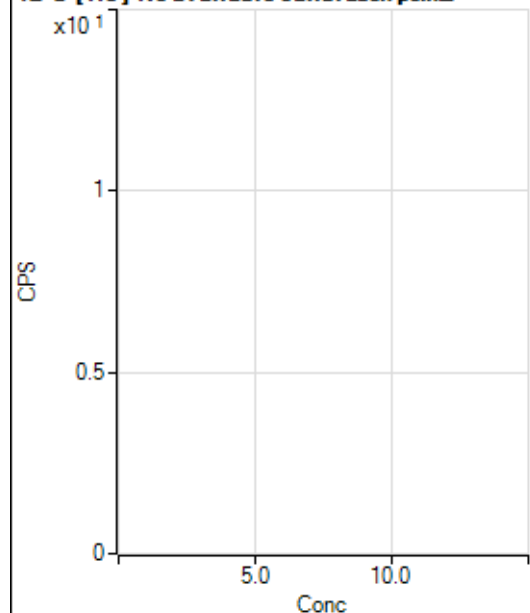
$$BEC = 0.08142$$

Weight: <None>

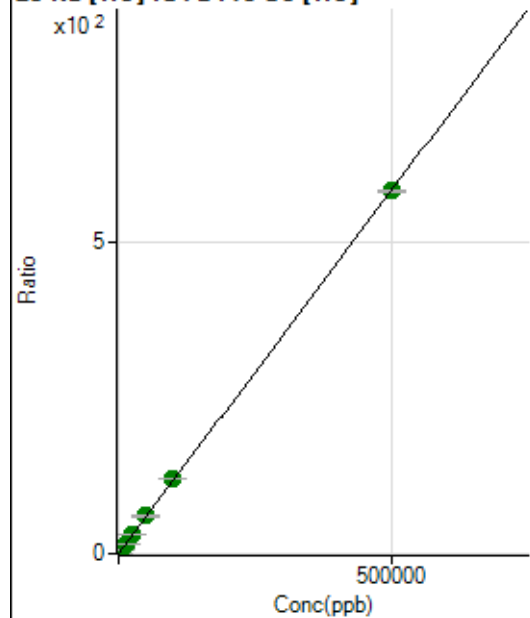
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj 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	12200.48	0.0408	P	1.1
2	☐	500.000	502.435	187618.83	0.6262	P	0.7
3	☐	5000.000	5362.164	1927849.10	6.2879	A	0.4
4	☐	12500.000	13533.637	4623064.10	15.8079	A	0.5
5	☐	25000.000	26625.572	8764077.44	31.0604	A	1.0
6	☐	50000.000	51689.310	17386689.88	60.2604	A	1.0
7	☐	100000.00	102368.80	34939016.42	119.3036	A	0.7
8	☐	500000.00	499246.56	180071350.6	581.6782	A	0.8

$$y = 0.0012 * x + 0.0408$$

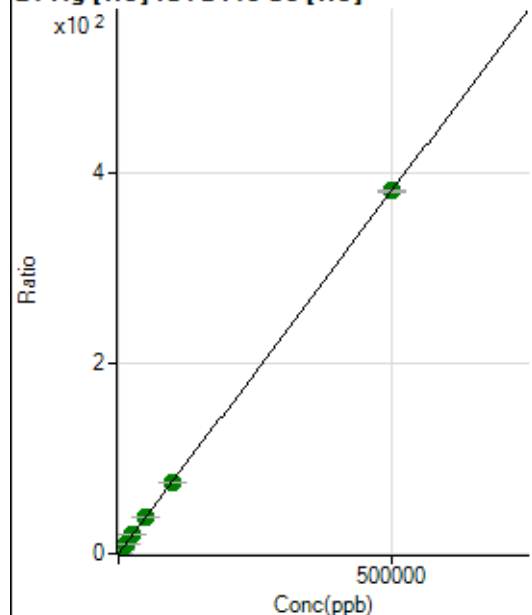
$$R = 1.0000$$

$$DL = 1.16$$

$$BEC = 35.02$$

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	664.47	0.0022	P	5.9
2	☐	500.000	495.770	113612.00	0.3792	P	1.7
3	☐	5000.000	5152.506	1201763.17	3.9198	A	1.3
4	☐	12500.000	12971.331	2884947.32	9.8647	A	0.8
5	☐	25000.000	25573.922	5487126.59	19.4467	A	1.5
6	☐	50000.000	50272.191	11028938.17	38.2255	A	1.2
7	☐	100000.00	98178.946	21861145.09	74.6502	A	0.9
8	☐	500000.00	500294.99	117759514.9	380.3896	A	0.7

$$y = 7.6033\text{E-}004 * x + 0.0022$$

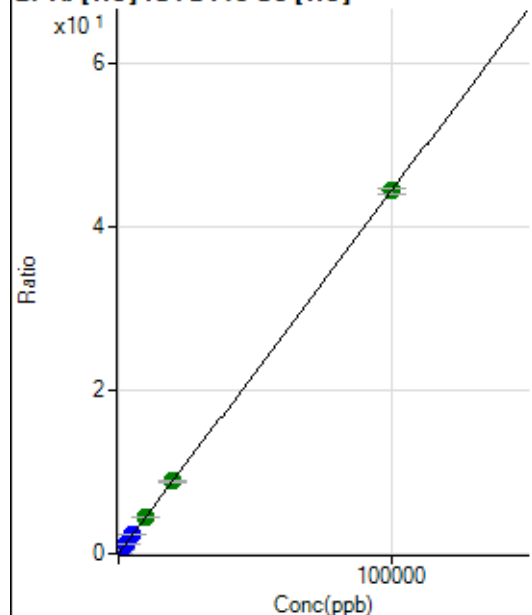
$$R = 1.0000$$

$$DL = 0.5149$$

$$BEC = 2.923$$

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	384.45	0.0013	P	3.6
2	☐	20.000	19.281	2954.76	0.0099	P	3.4
3	☐	1000.000	1072.138	146604.75	0.4782	P	0.9
4	☐	2500.000	2641.968	344054.04	1.1764	P	0.4
5	☐	5000.000	5194.490	652317.60	2.3118	P	0.2
6	☐	10000.000	10142.014	1301990.96	4.5125	A	1.3
7	☐	20000.000	19890.469	2591378.28	8.8486	A	1.3
8	☐	100000.00	99993.710	13768469.51	44.4788	A	1.9

$$y = 4.4480\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

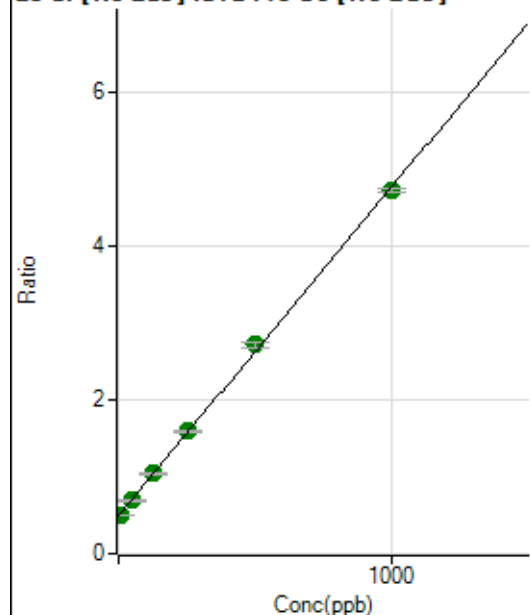
$$DL = 0.3134$$

$$BEC = 2.891$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1528785.65	0.4949	A	1.7
2	☐	10.000	1.087	1498457.93	0.4995	A	1.5
3	☐	50.000	46.624	2152122.50	0.6941	A	1.9
4	☐	125.000	128.275	3121923.25	1.0431	A	1.2
5	☐	250.000	256.116	4689473.19	1.5895	A	2.8
6	☐	500.000	519.377	7763792.24	2.7147	A	2.0
7	☐	1000.000	988.631	14006807.85	4.7203	A	0.9
8	☐			1484537.16	0.4894	A	1.6

$$y = 0.0043 * x + 0.4949$$

$$R = 0.9996$$

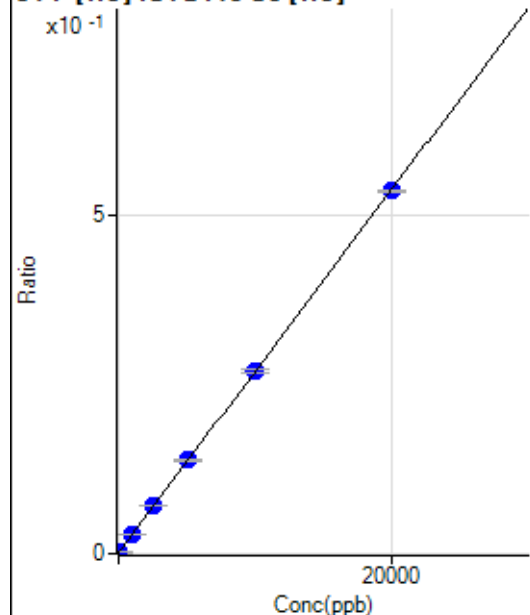
$$DL = 6.039$$

$$BEC = 115.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.278	234.45	0.0008	P	6.6
2	☐	0.000	15.278	480.02	0.0016	P	16.3
3	☐	1000.000	1024.737	8782.60	0.0286	P	2.0
4	☐	2500.000	2607.467	20776.48	0.0710	P	2.4
5	☐	5000.000	5109.947	38960.66	0.1381	P	1.1
6	☐	10000.000	10044.438	77982.41	0.2703	P	1.9
7	☐	20000.000	19935.624	156739.42	0.5352	P	0.6
8	☐			247.78	0.0008	P	17.4

$$y = 2.6787E-005 * x + 0.0012$$

$$R = 1.0000$$

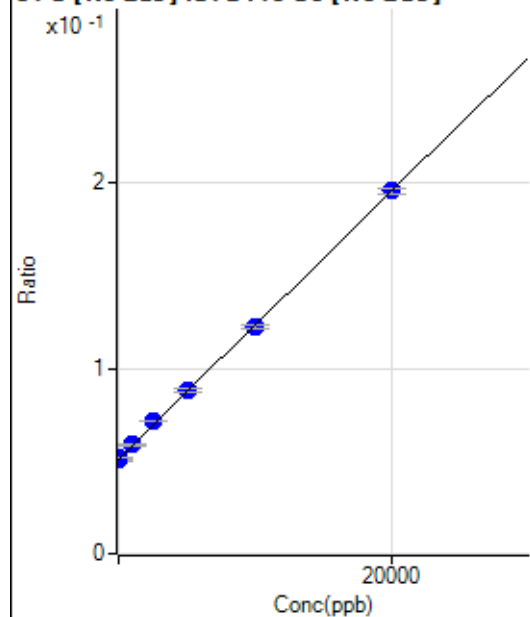
$$DL = 17.53$$

$$BEC = 44.54$$

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	-84.903	156013.57	0.0505	P	2.0
2	☐	0.000	84.903	155181.84	0.0517	P	1.2
3	☐	1000.000	1030.885	181550.90	0.0586	P	2.3
4	☐	2500.000	2840.710	214372.45	0.0716	P	0.7
5	☐	5000.000	5060.895	258607.48	0.0877	P	2.5
6	☐	10000.000	9874.867	350091.87	0.1224	P	1.3
7	☐	20000.000	20003.210	580115.49	0.1955	P	1.6
8	☐			132884.67	0.0438	P	4.5

$$y = 7.2193\text{E-}006 * x + 0.0511$$

R = 0.9998

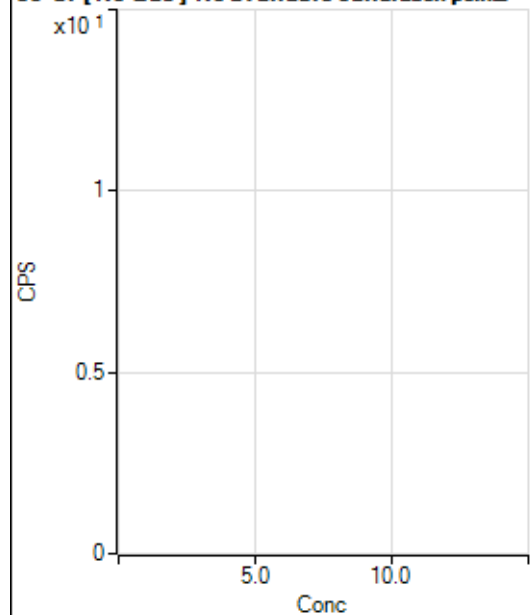
DL = 337.2

BEC = 7080

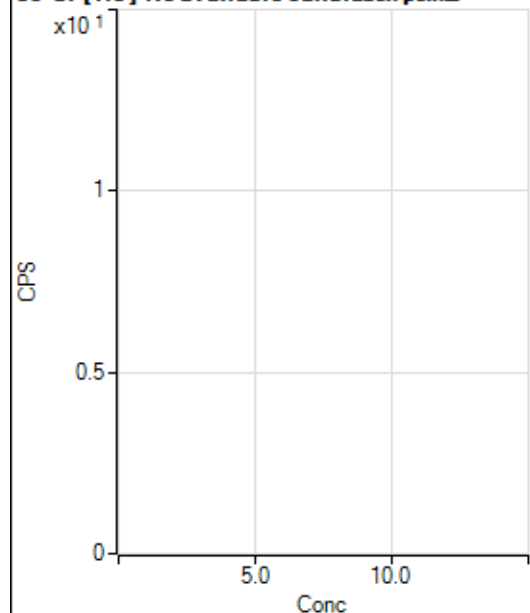
Weight: <None>

Min Conc: 0

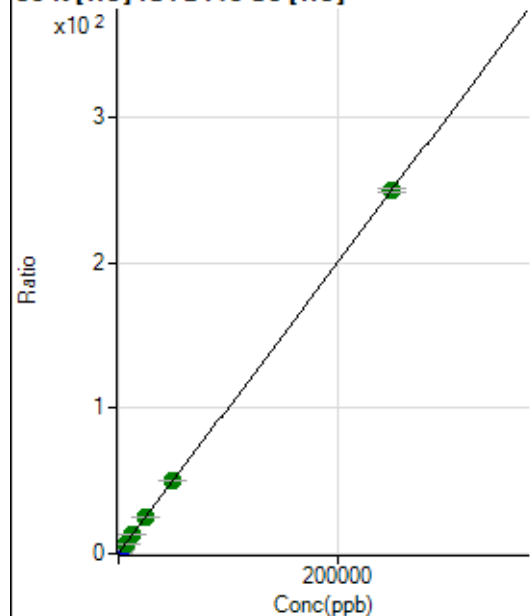
35 Cl [No Gas] No available calibration points



	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	57112.19	0.1910	P	0.3
2	☐	500.000	519.314	212381.74	0.7088	P	1.1
3	☐	2500.000	2712.453	887767.69	2.8956	P	0.5
4	☐	6250.000	6507.716	1953515.25	6.6798	A	0.5
5	☐	12500.000	12836.871	3665326.20	12.9905	A	1.1
6	☐	25000.000	24854.539	7205701.70	24.9732	A	0.6
7	☐	50000.000	50260.211	14732078.81	50.3049	A	0.8
8	☐	250000.00	249937.05	77210968.85	249.4007	A	0.9

$$y = 9.9709\text{E-}004 * x + 0.1910$$

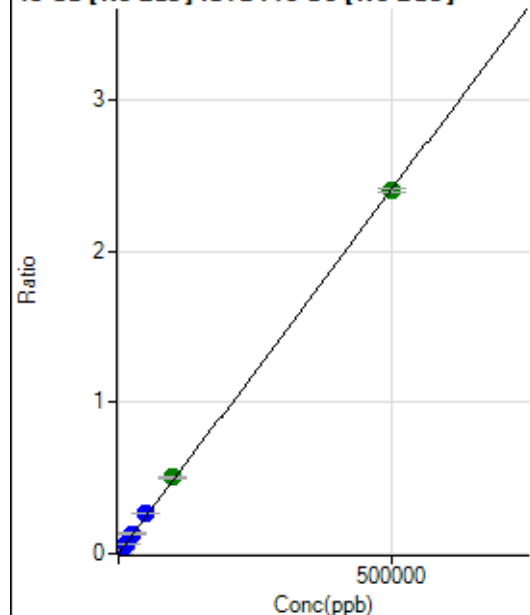
$$R = 1.0000$$

$$DL = 1.561$$

$$BEC = 191.6$$

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	292.23	0.0001	P	16.5
2	☐	500.000	536.826	8047.75	0.0027	P	1.3
3	☐	5000.000	5578.923	83672.09	0.0270	P	2.1
4	☐	12500.000	14202.753	205204.19	0.0686	P	1.1
5	☐	25000.000	27366.264	389469.89	0.1320	P	2.8
6	☐	50000.000	54712.895	754584.59	0.2638	P	1.3
7	☐	100000.00	104873.47	1500229.01	0.5056	A	1.5
8	☐	500000.00	498387.30	7286989.48	2.4025	A	1.0

$$y = 4.8204\text{E-}006 * x + 9.4788\text{E-}005$$

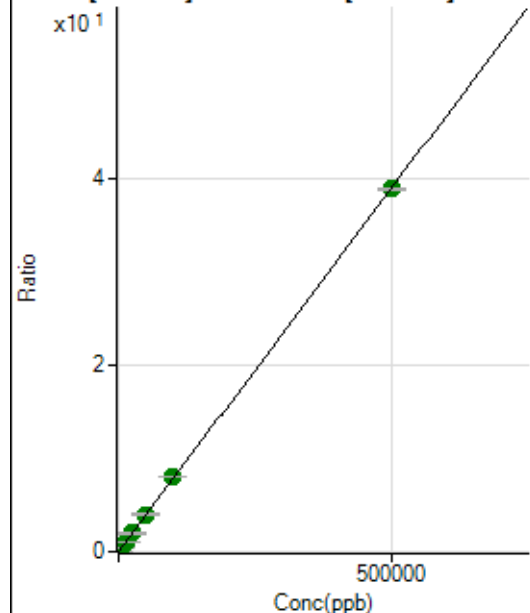
$$R = 0.9999$$

$$DL = 9.761$$

$$BEC = 19.66$$

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	14026.45	0.0045	P	0.4
2	☐	500.000	545.799	141454.17	0.0472	P	1.5
3	☐	5000.000	5162.775	1263813.74	0.4076	A	1.9
4	☐	12500.000	13223.632	3103788.65	1.0370	A	0.6
5	☐	25000.000	25268.345	5834356.77	1.9773	A	2.3
6	☐	50000.000	51413.865	11493626.26	4.0186	A	1.5
7	☐	100000.00	103514.62	23992677.30	8.0863	A	1.2
8	☐	500000.00	499122.50	118206173.0	38.9731	A	0.5

$$y = 7.8074\text{E-}005 * x + 0.0045$$

$$R = 1.0000$$

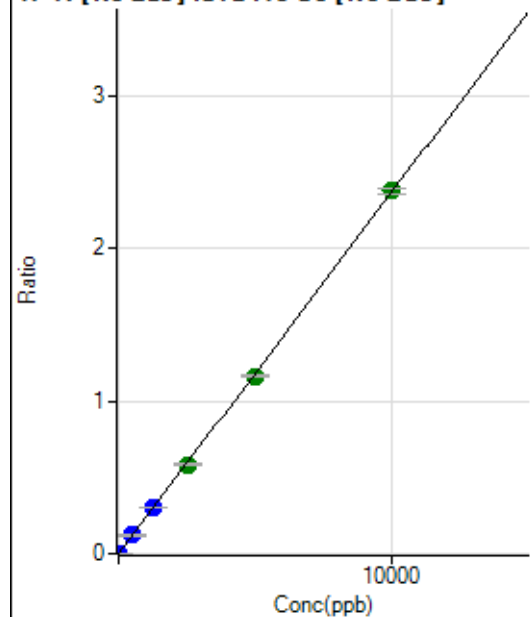
$$DL = 0.7473$$

$$BEC = 58.14$$

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	77.78	0.0000	P	29.6
2	☐	5.000	5.124	3719.45	0.0012	P	6.1
3	☐	500.000	508.877	373947.71	0.1206	P	1.6
4	☐	1250.000	1293.618	917545.45	0.3066	P	0.7
5	☐	2500.000	2472.472	1728687.18	0.5859	A	2.3
6	☐	5000.000	4911.951	3329007.69	1.1639	A	1.2
7	☐	10000.000	10045.010	7062143.44	2.3802	A	1.5
8	☐			414.45	0.0001	P	3.7

$$y = 2.3695E-004 * x + 2.5222E-005$$

$$R = 0.9999$$

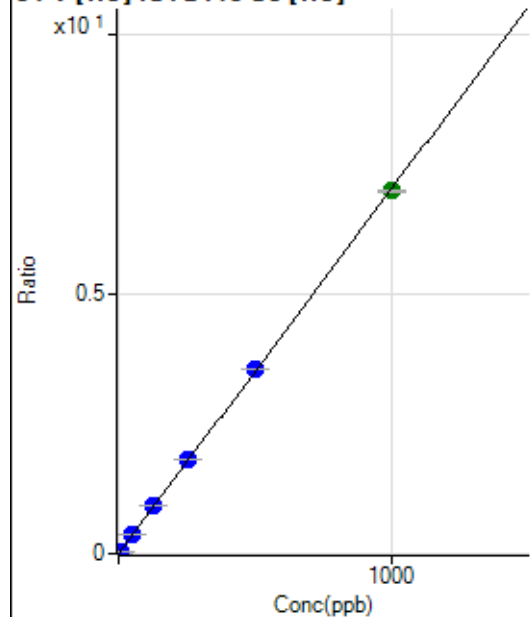
$$DL = 0.09438$$

$$BEC = 0.1064$$

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	12.22	0.0000	P	41.4
2	☐	5.000	4.998	10534.86	0.0352	P	1.1
3	☐	50.000	51.394	110739.42	0.3612	P	0.9
4	☐	125.000	130.534	268274.14	0.9173	P	0.1
5	☐	250.000	256.712	509014.40	1.8040	P	0.6
6	☐	500.000	505.605	1025171.23	3.5530	P	0.8
7	☐	1000.000	994.758	2047255.56	6.9903	A	0.7
8	☐			560.02	0.0018	P	10.6

$$y = 0.0070 * x + 4.0854E-005$$

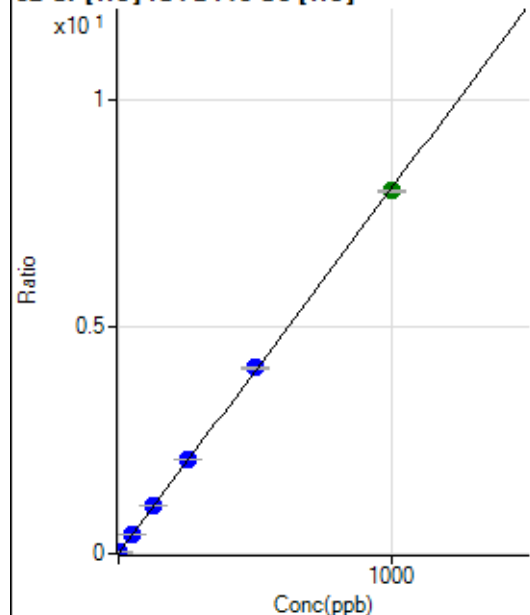
$$R = 0.9999$$

$$DL = 0.007224$$

$$BEC = 0.005814$$

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	1764.57	0.0059	P	3.5
2	☐	2.000	1.969	6507.02	0.0217	P	3.4
3	☐	50.000	52.084	130025.32	0.4241	P	1.5
4	☐	125.000	131.810	311253.81	1.0643	P	0.2
5	☐	250.000	258.063	586337.41	2.0780	P	0.8
6	☐	500.000	508.058	1178783.80	4.0854	P	0.3
7	☐	1000.000	993.000	2336806.65	7.9793	A	0.2
8	☐			16739.41	0.0541	P	2.0

$$y = 0.0080 * x + 0.0059$$

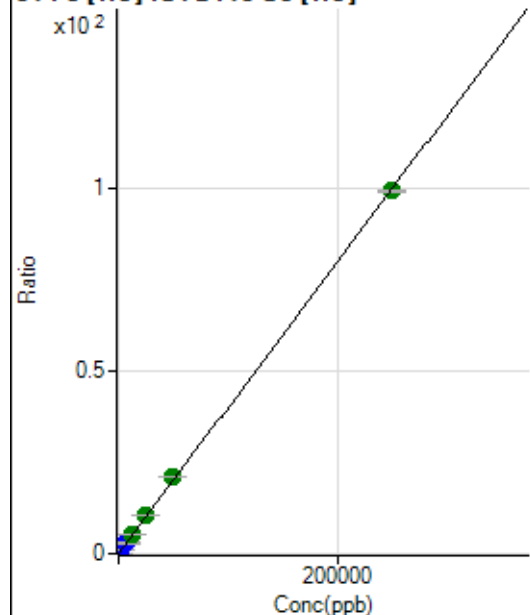
$$R = 0.9999$$

$$DL = 0.07639$$

$$BEC = 0.735$$

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	3373.74	0.0113	P	3.0
2	☐	50.000	54.754	9907.80	0.0331	P	2.7
3	☐	2500.000	2860.545	352369.45	1.1493	P	0.7
4	☐	6250.000	7249.554	846774.78	2.8954	P	0.5
5	☐	12500.000	13648.380	1535396.42	5.4411	A	1.2
6	☐	25000.000	26768.662	3076124.36	10.6608	A	1.3
7	☐	50000.000	53112.795	6191569.21	21.1414	A	0.2
8	☐	250000.00	249114.56	30685187.87	99.1177	A	0.4

$$y = 3.9783E-004 * x + 0.0113$$

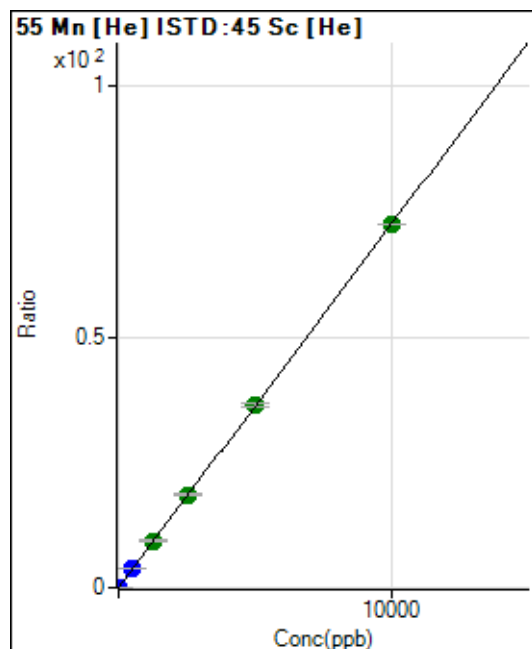
$$R = 0.9999$$

$$DL = 2.514$$

$$BEC = 28.36$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2570.25	0.0086	P	2.3
2	☐	1.000	0.886	4499.61	0.0150	P	0.4
3	☐	500.000	523.084	1165557.68	3.8016	P	0.5
4	☐	1250.000	1294.338	2747342.91	9.3941	A	0.1
5	☐	2500.000	2553.378	5226629.19	18.5237	A	0.9
6	☐	5000.000	5006.937	10478181.58	36.3149	A	1.8
7	☐	10000.000	9976.491	21188781.49	72.3502	A	0.1
8	☐			14260.19	0.0461	P	1.1

$$y = 0.0073 * x + 0.0086$$

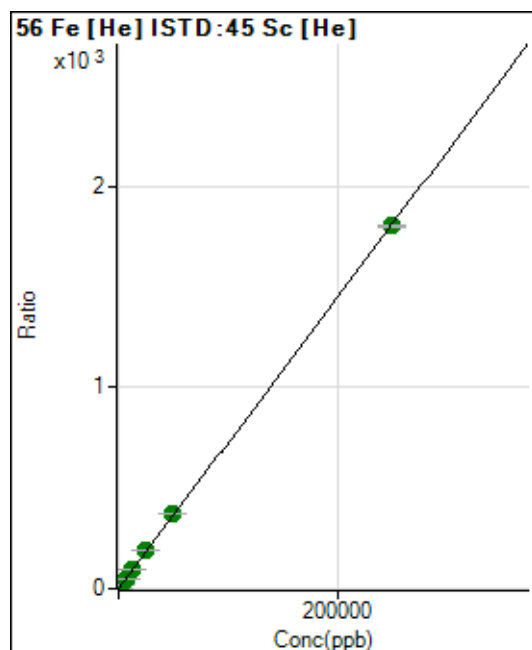
$$R = 1.0000$$

$$DL = 0.08165$$

$$BEC = 1.185$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30751.53	0.1028	P	0.4
2	☐	50.000	53.884	147439.98	0.4920	P	0.4
3	☐	2500.000	2664.106	5930971.30	19.3456	A	1.9
4	☐	6250.000	6720.902	14227207.01	48.6478	A	1.0
5	☐	12500.000	13448.650	27436809.59	97.2423	A	1.4
6	☐	25000.000	26383.744	55016356.96	190.6723	A	0.4
7	☐	50000.000	51574.503	109132846.1	372.6248	A	0.8
8	☐	250000.00	249485.87	557893262.8	1,802.136	A	0.5

$$y = 0.0072 * x + 0.1028$$

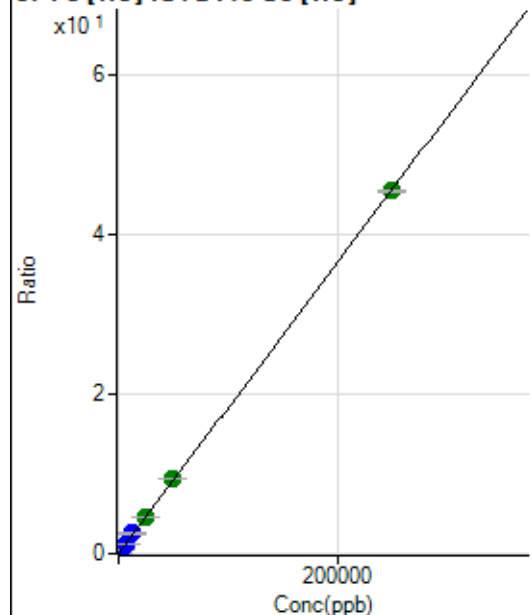
$$R = 1.0000$$

$$DL = 0.175$$

$$BEC = 14.24$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1563.82	0.0052	P	5.4
2	☐	50.000	52.666	4441.96	0.0148	P	3.3
3	☐	2500.000	2785.725	157207.44	0.5127	P	0.4
4	☐	6250.000	7057.267	377545.53	1.2910	P	0.4
5	☐	12500.000	13878.461	714901.32	2.5337	P	0.7
6	☐	25000.000	25659.193	1350294.63	4.6799	A	0.7
7	☐	50000.000	51162.778	2731239.04	9.3263	A	0.5
8	☐	250000.00	249609.56	14079354.91	45.4803	A	0.7

$$y = 1.8218\text{E-}004 * x + 0.0052$$

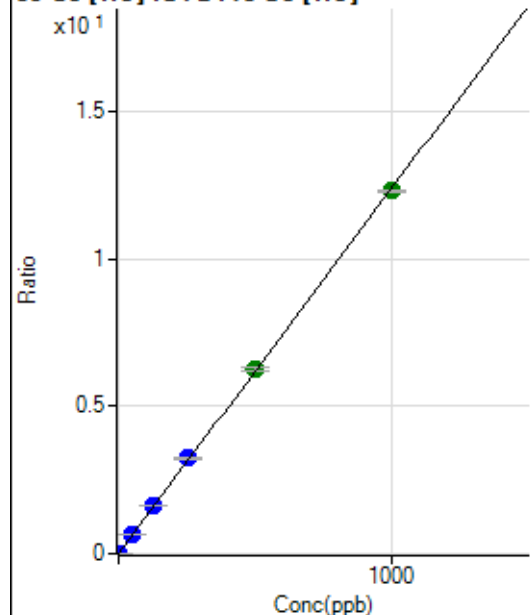
$$R = 1.0000$$

$$DL = 4.693$$

$$BEC = 28.71$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0002	P	15.2
2	☐	1.000	1.084	4097.26	0.0137	P	1.1
3	☐	50.000	52.461	199335.55	0.6502	P	0.8
4	☐	125.000	133.369	483279.41	1.6525	P	0.8
5	☐	250.000	261.071	912672.74	3.2346	P	0.5
6	☐	500.000	505.112	1805668.48	6.2579	A	1.5
7	☐	1000.000	993.507	3604703.21	12.3085	A	0.6
8	☐			10404.83	0.0336	P	0.8

$$y = 0.0124 * x + 2.4162\text{E-}004$$

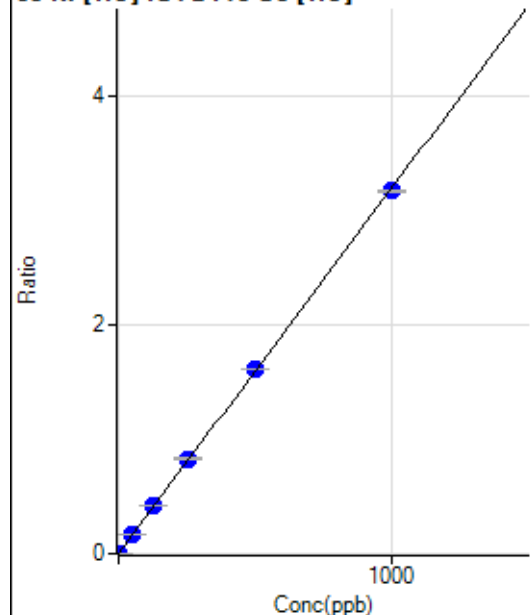
$$R = 0.9999$$

$$DL = 0.008875$$

$$BEC = 0.0195$$

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	478.90	0.0016	P	6.2
2	☐	1.000	0.915	1354.52	0.0045	P	3.2
3	☐	50.000	52.388	51747.95	0.1688	P	1.0
4	☐	125.000	132.436	124062.49	0.4242	P	1.2
5	☐	250.000	260.099	234638.80	0.8316	P	1.4
6	☐	500.000	506.375	466707.96	1.6175	P	0.3
7	☐	1000.000	993.239	928667.95	3.1711	P	0.6
8	☐			4195.07	0.0136	P	3.5

$$y = 0.0032 * x + 0.0016$$

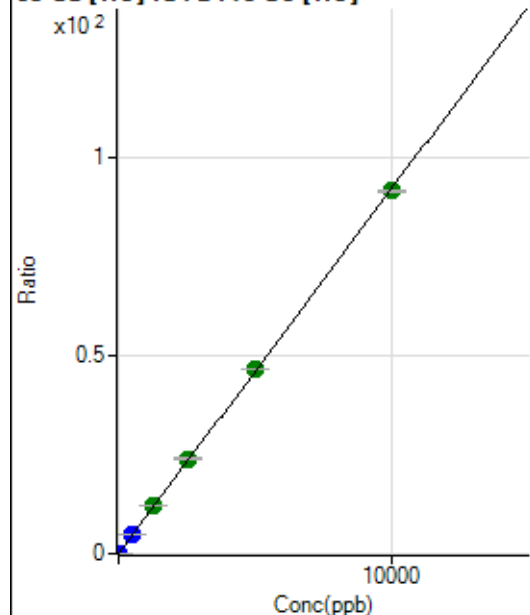
$$R = 0.9999$$

$$DL = 0.09374$$

$$BEC = 0.5018$$

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	2983.16	0.0100	P	3.7
2	☐	2.000	1.930	8319.29	0.0278	P	1.0
3	☐	500.000	527.009	1492297.98	4.8674	P	0.9
4	☐	1250.000	1317.359	3553895.01	12.1520	A	0.6
5	☐	2500.000	2606.196	6780543.76	24.0312	A	1.0
6	☐	5000.000	5038.810	13403241.79	46.4526	A	0.1
7	☐	10000.000	9944.275	26845589.45	91.6661	A	0.4
8	☐			8262.90	0.0267	P	1.0

$$y = 0.0092 * x + 0.0100$$

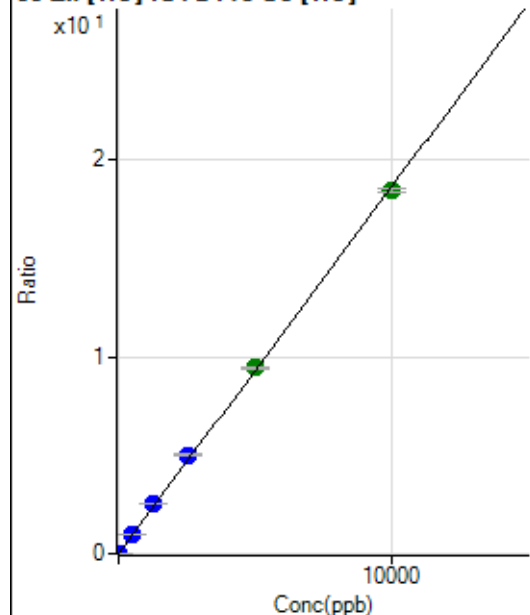
$$R = 0.9999$$

$$DL = 0.1202$$

$$BEC = 1.082$$

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	1382.30	0.0046	P	6.4
2	☐	5.000	4.753	4037.25	0.0135	P	4.7
3	☐	500.000	537.829	308552.67	1.0064	P	0.9
4	☐	1250.000	1366.004	745442.94	2.5489	P	0.2
5	☐	2500.000	2693.761	1416984.91	5.0220	P	1.1
6	☐	5000.000	5076.389	2729385.86	9.4599	A	1.4
7	☐	10000.000	9896.973	5400352.70	18.4386	A	1.1
8	☐			10699.46	0.0346	P	3.0

$$y = 0.0019 * x + 0.0046$$

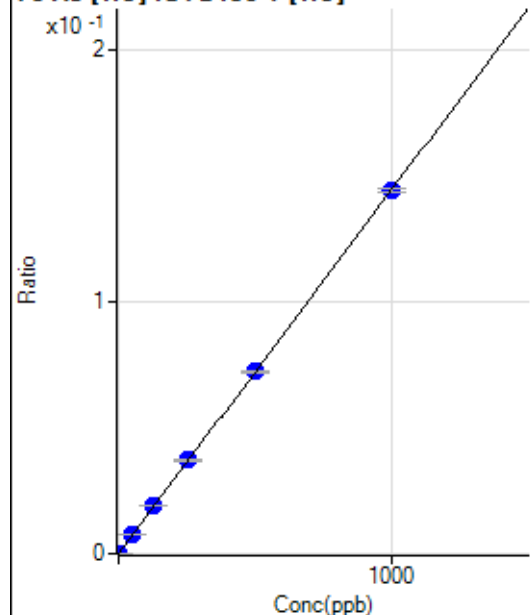
$$R = 0.9997$$

$$DL = 0.4798$$

$$BEC = 2.482$$

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	10.00	0.0000	P	65.9
2	☐	1.000	1.072	372.23	0.0002	P	9.1
3	☐	50.000	52.084	18215.74	0.0075	P	2.0
4	☐	125.000	130.371	43549.30	0.0188	P	1.2
5	☐	250.000	256.677	84346.88	0.0371	P	0.4
6	☐	500.000	500.247	168732.01	0.0722	P	1.5
7	☐	1000.000	997.432	340162.57	0.1440	P	1.1
8	☐			196.67	0.0001	P	24.5

$$y = 1.4439E-004 * x + 4.2370E-006$$

$$R = 1.0000$$

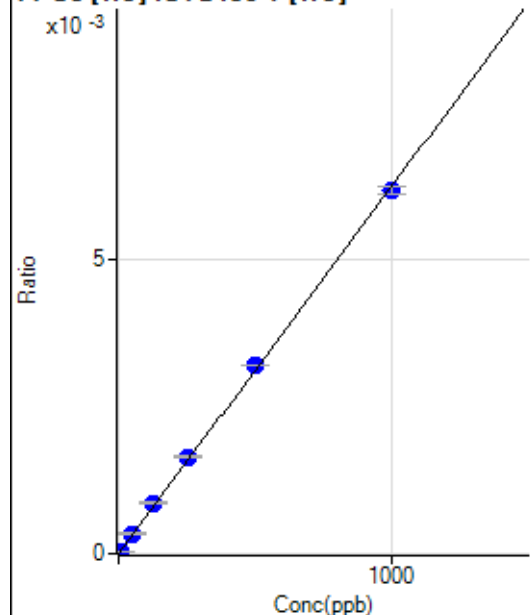
$$DL = 0.05803$$

$$BEC = 0.02934$$

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	5.638	82.22	0.0000	P	18.5
3	☐	50.000	53.579	806.70	0.0003	P	9.5
4	☐	125.000	137.616	1980.15	0.0009	P	5.3
5	☐	250.000	262.792	3720.50	0.0016	P	1.5
6	☐	500.000	513.423	7461.96	0.0032	P	0.8
7	☐	1000.000	988.331	14522.81	0.0061	P	2.1
8	☐			6.66	0.0000	P	86.4

$$y = 6.2215\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

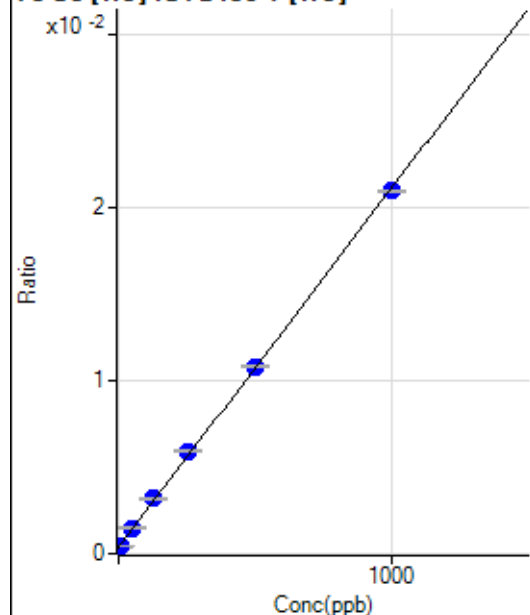
$$DL = 0$$

$$BEC = 0$$

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	862.26	0.0004	P	7.7
2	☐	5.000	5.451	1123.39	0.0005	P	5.3
3	☐	50.000	52.649	3532.68	0.0015	P	5.7
4	☐	125.000	136.240	7391.91	0.0032	P	1.9
5	☐	250.000	267.060	13452.86	0.0059	P	1.3
6	☐	500.000	503.162	25266.11	0.0108	P	0.8
7	☐	1000.000	992.614	49546.07	0.0210	P	0.7
8	☐			960.04	0.0004	P	9.1

$$y = 2.0764\text{E-}005 * x + 3.6651\text{E-}004$$

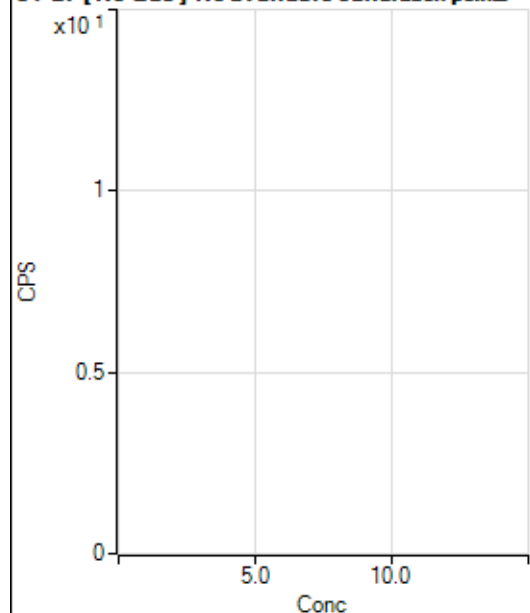
$$R = 0.9998$$

$$DL = 4.056$$

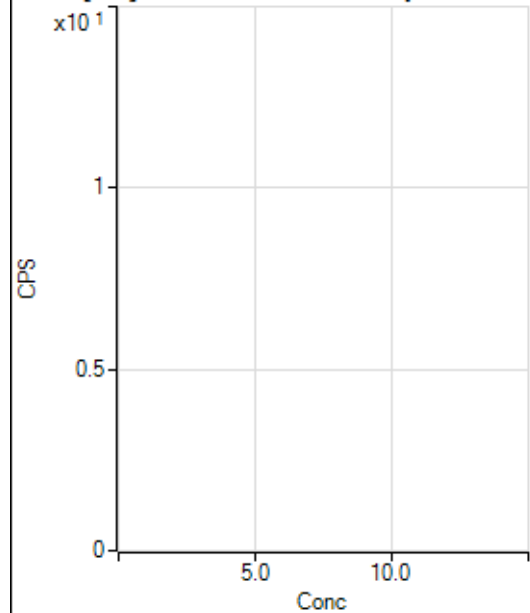
$$BEC = 17.65$$

Weight: <None>

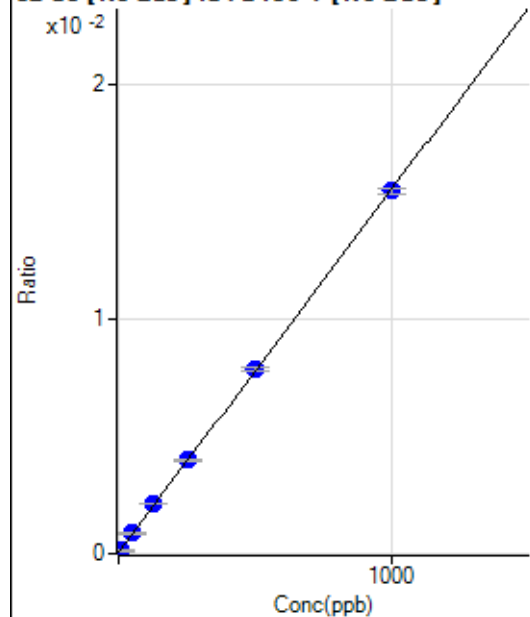
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30619.64		P	1.8
2	☐			29939.35		P	1.0
3	☐			31075.14		P	1.1
4	☐			29324.87		P	3.2
5	☐			27933.14		P	1.2
6	☐			27136.21		P	1.6
7	☐			28435.36		P	1.4
8	☐			30509.35		P	1.3

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			213.34		P	23.3
2	☐			228.90		P	13.5
3	☐			248.89		P	19.7
4	☐			211.12		P	21.9
5	☐			207.78		P	13.4
6	☐			208.89		P	10.4
7	☐			181.11		P	12.3
8	☐			261.11		P	3.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	400.59	0.0001	P	10.1
2	☐	5.000	4.790	946.97	0.0001	P	6.8
3	☐	50.000	52.528	6653.58	0.0009	P	2.6
4	☐	125.000	132.706	15995.70	0.0021	P	1.4
5	☐	250.000	254.531	30230.61	0.0040	P	2.6
6	☐	500.000	503.546	57831.99	0.0079	P	2.0
7	☐	1000.000	996.006	118719.53	0.0155	P	1.8
8	☐			596.66	0.0001	P	5.2

$$y = 1.5492E-005 * x + 5.2109E-005$$

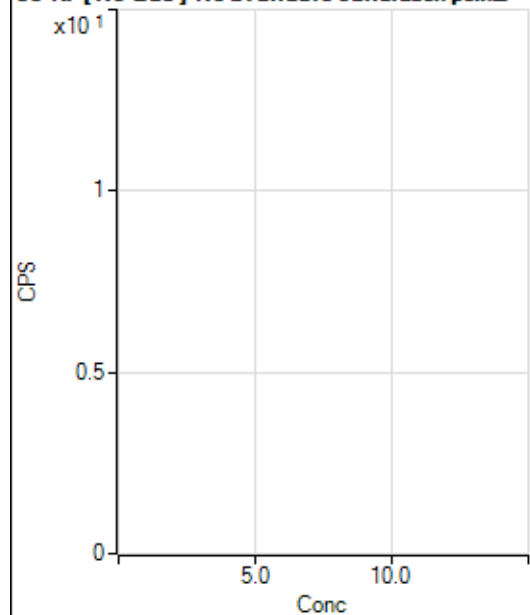
$$R = 1.0000$$

$$DL = 1.017$$

$$BEC = 3.364$$

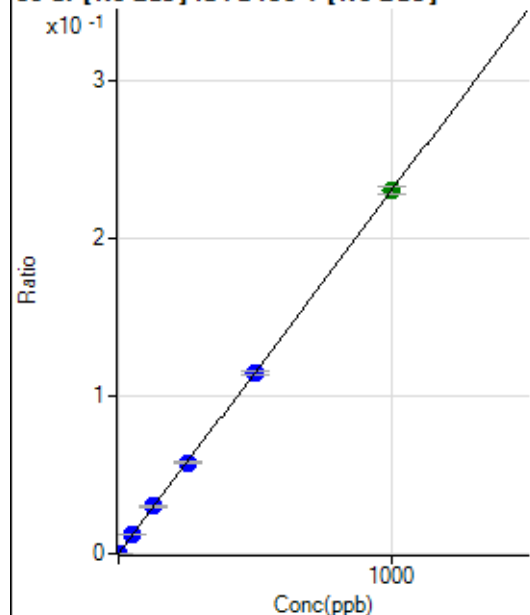
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			364.45		P	7.6
2	☐			400.01		P	1.7
3	☐			385.57		P	14.8
4	☐			383.34		P	15.1
5	☐			391.12		P	13.2
6	☐			388.90		P	15.4
7	☐			422.23		P	4.6
8	☐			440.01		P	3.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.80	0.0001	P	9.5
2	☐	1.000	1.011	2425.78	0.0003	P	4.1
3	☐	50.000	52.157	92995.05	0.0121	P	0.4
4	☐	125.000	130.091	227984.68	0.0300	P	2.4
5	☐	250.000	249.134	434803.62	0.0575	P	2.4
6	☐	500.000	499.653	848038.31	0.1152	P	1.9
7	☐	1000.000	999.646	1765891.50	0.2303	A	2.0
8	☐			6451.47	0.0009	P	2.4

$$y = 2.3028\text{E-}004 * x + 9.0740\text{E-}005$$

$$R = 1.0000$$

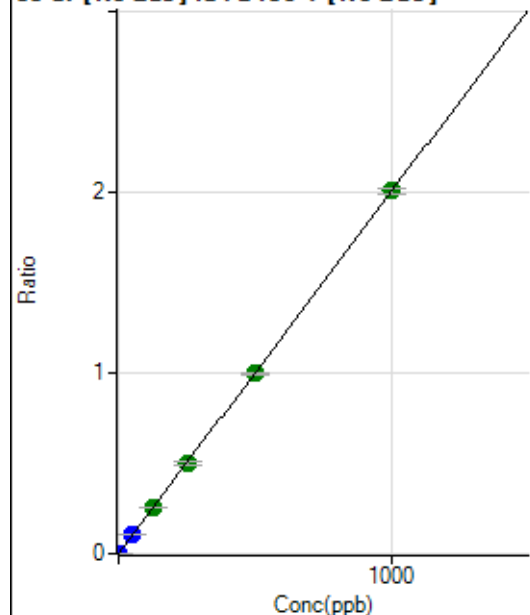
$$DL = 0.1128$$

$$BEC = 0.394$$

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	110.00	0.0000	P	16.1
2	☐	1.000	1.039	15743.02	0.0021	P	1.3
3	☐	50.000	52.615	811453.97	0.1056	P	0.5
4	☐	125.000	127.728	1944982.59	0.2563	A	2.1
5	☐	250.000	249.429	3786799.63	0.5005	A	4.2
6	☐	500.000	496.372	7336059.68	0.9961	A	1.4
7	☐	1000.000	1001.485	15411371.16	2.0097	A	1.2
8	☐			51319.17	0.0068	P	1.4

$$y = 0.0020 * x + 1.4291\text{E-}005$$

$$R = 1.0000$$

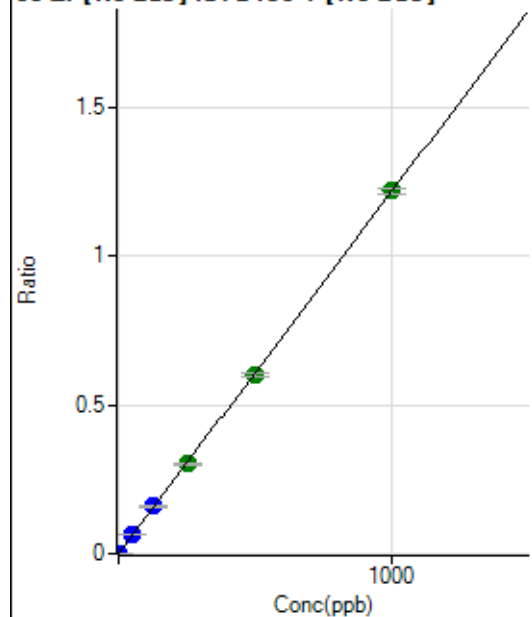
$$DL = 0.003443$$

$$BEC = 0.007122$$

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	318.90	0.0000	P	7.7
2	☐	1.000	0.995	9367.51	0.0012	P	3.9
3	☐	50.000	51.841	483986.27	0.0630	P	0.2
4	☐	125.000	130.300	1200769.89	0.1582	P	1.5
5	☐	250.000	247.418	2273353.94	0.3004	A	2.3
6	☐	500.000	494.016	4417355.35	0.5998	A	2.3
7	☐	1000.000	1002.883	9337781.25	1.2177	A	1.4
8	☐			4410.70	0.0006	P	1.7

$$y = 0.0012 * x + 4.1467E-005$$

$$R = 0.9999$$

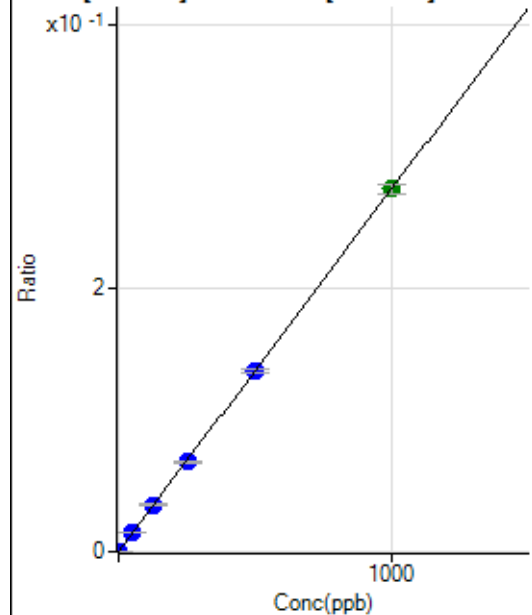
$$DL = 0.007877$$

$$BEC = 0.03415$$

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	62.22	0.0000	P	11.5
2	☐	1.000	0.987	2094.62	0.0003	P	4.8
3	☐	50.000	50.996	107751.07	0.0140	P	0.6
4	☐	125.000	128.807	268631.08	0.0354	P	2.1
5	☐	250.000	248.513	516804.75	0.0683	P	2.6
6	☐	500.000	498.369	1008645.03	0.1370	P	1.9
7	☐	1000.000	1000.662	2108637.92	0.2750	A	2.4
8	☐			1025.60	0.0001	P	9.2

$$y = 2.7480E-004 * x + 8.0926E-006$$

$$R = 1.0000$$

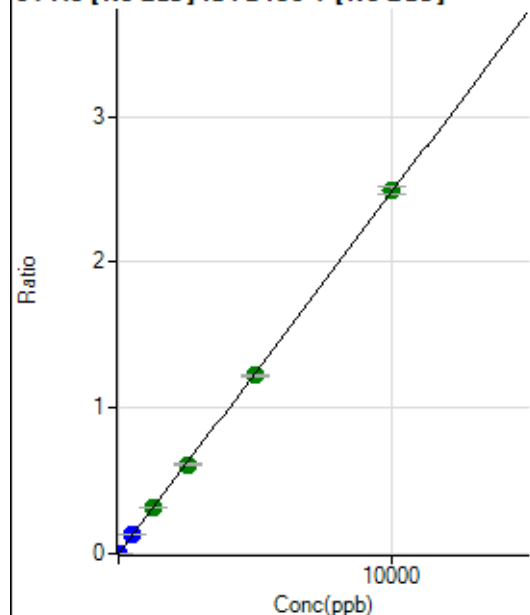
$$DL = 0.01014$$

$$BEC = 0.02945$$

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	174.45	0.0000	P	10.2
2	☐	5.000	5.996	11317.84	0.0015	P	2.1
3	☐	500.000	520.076	990937.89	0.1290	P	0.6
4	☐	1250.000	1280.385	2409166.61	0.3174	A	0.7
5	☐	2500.000	2468.025	4630035.87	0.6119	A	1.7
6	☐	5000.000	4928.020	8997772.37	1.2217	A	1.4
7	☐	10000.000	10039.181	19084224.71	2.4888	A	2.0
8	☐			4428.50	0.0006	P	2.6

$$y = 2.4791\text{E-}004 * x + 2.2691\text{E-}005$$

$$R = 0.9999$$

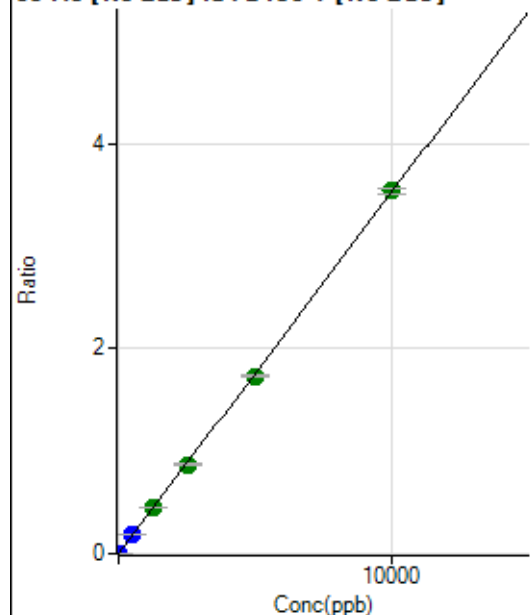
$$DL = 0.02795$$

$$BEC = 0.09153$$

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	118.89	0.0000	P	32.0
2	☐	5.000	5.010	13350.65	0.0018	P	2.7
3	☐	500.000	519.030	1405194.63	0.1829	P	0.2
4	☐	1250.000	1278.794	3418844.70	0.4505	A	1.3
5	☐	2500.000	2466.563	6574274.69	0.8689	A	3.6
6	☐	5000.000	4916.471	12756648.28	1.7320	A	1.4
7	☐	10000.000	10045.573	27137601.26	3.5389	A	1.7
8	☐			3611.60	0.0005	P	3.9

$$y = 3.5228\text{E-}004 * x + 1.5431\text{E-}005$$

$$R = 0.9999$$

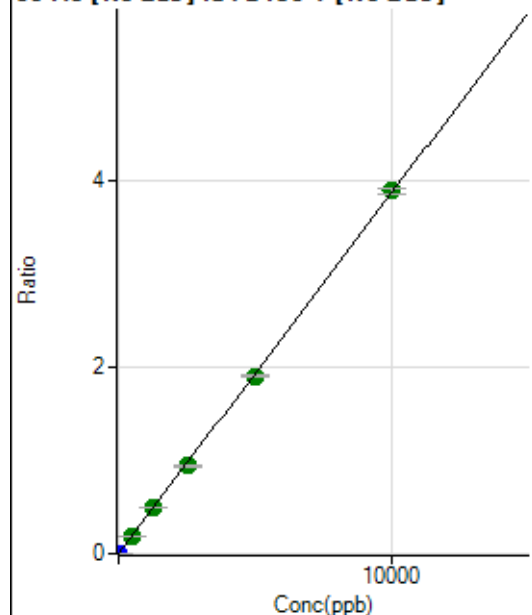
$$DL = 0.04203$$

$$BEC = 0.0438$$

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	223.34	0.0000	P	13.9
2	☐	5.000	9.209	26838.18	0.0036	P	55.8
3	☐	500.000	500.706	1485782.65	0.1933	A	0.8
4	☐	1250.000	1265.990	3709325.33	0.4888	A	1.6
5	☐	2500.000	2430.731	7101133.09	0.9385	A	3.6
6	☐	5000.000	4913.234	13971595.49	1.8970	A	1.1
7	☐	10000.000	10058.664	29780880.11	3.8836	A	1.5
8	☐			17855.50	0.0024	P	2.4

$$y = 3.8609\text{E-}004 * x + 2.9044\text{E-}005$$

$$R = 0.9999$$

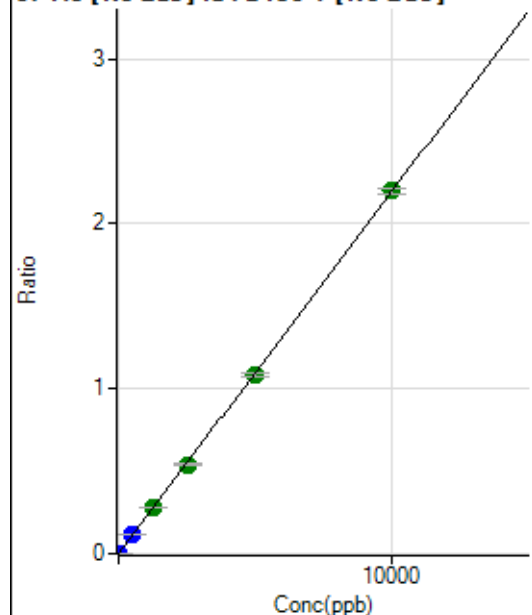
$$DL = 0.03136$$

$$BEC = 0.07522$$

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	68.89	0.0000	P	45.4
2	☐	5.000	4.978	8253.52	0.0011	P	1.4
3	☐	500.000	521.898	879421.35	0.1144	P	0.1
4	☐	1250.000	1276.149	2123701.83	0.2798	A	0.4
5	☐	2500.000	2469.348	4096889.21	0.5414	A	3.2
6	☐	5000.000	4942.032	7980449.74	1.0836	A	1.6
7	☐	10000.000	10032.283	16867618.64	2.1997	A	1.8
8	☐			2450.24	0.0003	P	2.2

$$y = 2.1926\text{E-}004 * x + 8.9438\text{E-}006$$

$$R = 1.0000$$

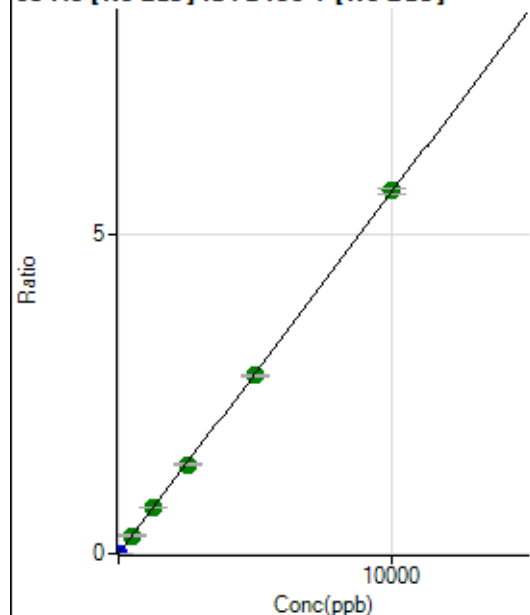
$$DL = 0.05556$$

$$BEC = 0.04079$$

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	180.00	0.0000	P	57.2
2	☐	5.000	4.957	21248.88	0.0028	P	1.2
3	☐	500.000	505.062	2200348.21	0.2863	A	0.5
4	☐	1250.000	1286.384	5534028.95	0.7293	A	1.1
5	☐	2500.000	2464.780	10572370.26	1.3973	A	3.2
6	☐	5000.000	4926.128	20566515.25	2.7926	A	1.6
7	☐	10000.000	10040.940	43648707.13	5.6921	A	1.6
8	☐			5311.01	0.0007	P	4.1

$$y = 5.6688\text{E-}004 * x + 2.3338\text{E-}005$$

$$R = 0.9999$$

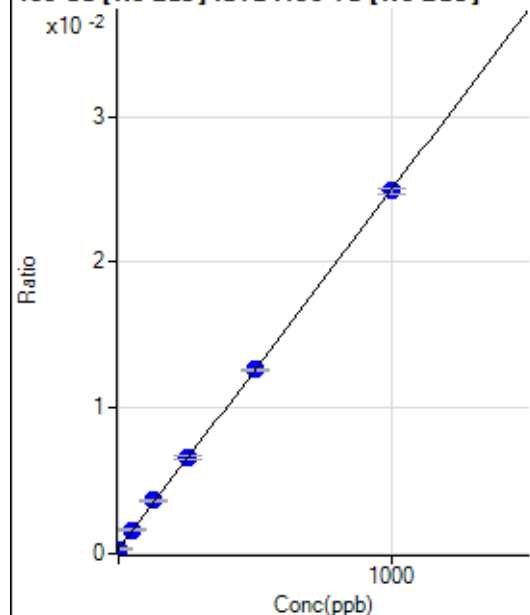
$$DL = 0.07059$$

$$BEC = 0.04117$$

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	1829.02	0.0003	P	2.1
2	☐	1.000	1.094	1944.60	0.0003	P	4.9
3	☐	50.000	54.533	10019.11	0.0016	P	4.1
4	☐	125.000	136.191	22244.92	0.0037	P	2.3
5	☐	250.000	256.343	40712.51	0.0066	P	3.0
6	☐	500.000	500.385	76534.89	0.0127	P	1.3
7	☐	1000.000	996.596	156858.51	0.0249	P	1.7
8	☐			1857.92	0.0003	P	8.5

$$y = 2.4677\text{E-}005 * x + 3.0233\text{E-}004$$

$$R = 0.9999$$

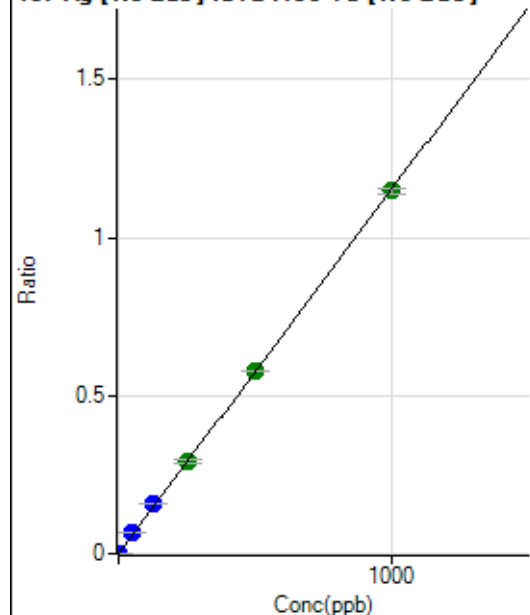
$$DL = 0.7761$$

$$BEC = 12.25$$

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	43.33	0.0000	P	14.8
2	☐	1.000	1.065	7279.68	0.0012	P	1.3
3	☐	50.000	55.898	391236.38	0.0644	P	1.0
4	☐	125.000	138.174	965914.32	0.1591	P	1.2
5	☐	250.000	252.592	1786086.90	0.2908	A	3.8
6	☐	500.000	502.392	3499552.31	0.5784	A	0.7
7	☐	1000.000	996.214	7226733.29	1.1469	A	1.5
8	☐			471.12	0.0001	P	14.5

$$y = 0.0012 * x + 7.1585E-006$$

$$R = 0.9999$$

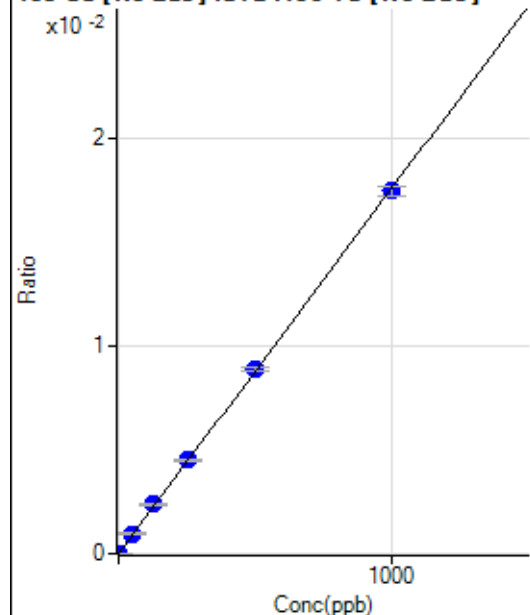
$$DL = 0.002758$$

$$BEC = 0.006218$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0000	P	88.0
2	☐	1.000	0.932	106.67	0.0000	P	19.1
3	☐	50.000	54.405	5829.00	0.0010	P	3.2
4	☐	125.000	135.828	14517.37	0.0024	P	3.4
5	☐	250.000	256.433	27725.49	0.0045	P	2.3
6	☐	500.000	505.691	53835.11	0.0089	P	2.8
7	☐	1000.000	993.973	110199.38	0.0175	P	2.4
8	☐			30.00	0.0000	P	11.5

$$y = 1.7595E-005 * x + 1.6623E-006$$

$$R = 0.9999$$

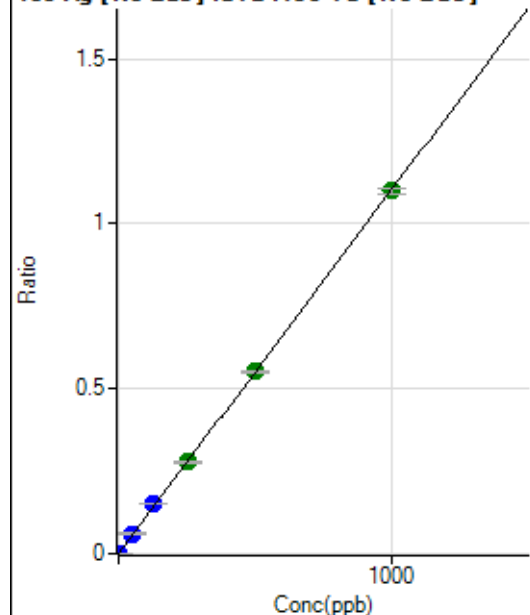
$$DL = 0.2493$$

$$BEC = 0.09447$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.56	0.0000	P	39.7
2	☐	1.000	1.047	6848.35	0.0012	P	1.7
3	☐	50.000	55.411	371374.39	0.0611	P	0.9
4	☐	125.000	136.616	914550.94	0.1506	P	0.8
5	☐	250.000	253.273	1715145.95	0.2792	A	2.2
6	☐	500.000	500.073	3335639.98	0.5513	A	0.9
7	☐	1000.000	997.423	6928188.85	1.0996	A	1.6
8	☐			415.57	0.0001	P	8.2

$$y = 0.0011 * x + 5.8856E-006$$

$$R = 0.9999$$

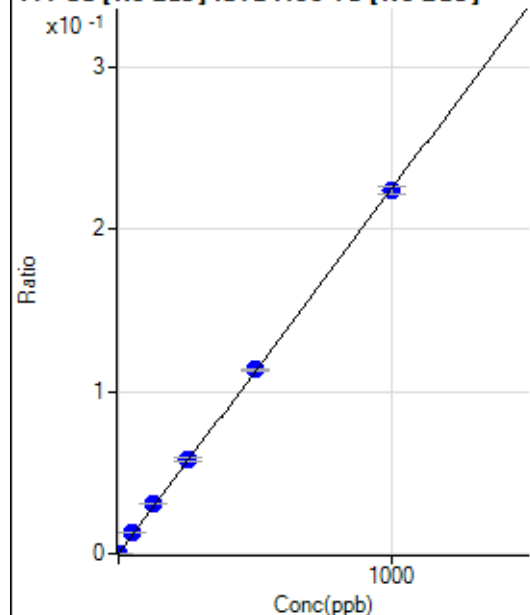
$$DL = 0.006355$$

$$BEC = 0.005339$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.49	0.0000	P	40.3
2	☐	1.000	1.096	1476.26	0.0003	P	3.5
3	☐	50.000	55.619	76035.24	0.0125	P	0.7
4	☐	125.000	136.146	185872.96	0.0306	P	0.9
5	☐	250.000	256.517	354218.18	0.0577	P	3.5
6	☐	500.000	503.598	684955.09	0.1132	P	1.9
7	☐	1000.000	994.898	1409272.54	0.2237	P	2.1
8	☐			200.86	0.0000	P	4.1

$$y = 2.2482E-004 * x + 3.5406E-006$$

$$R = 0.9999$$

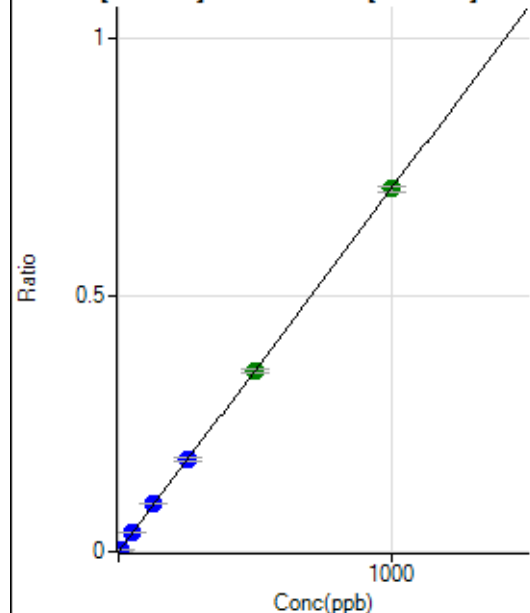
$$DL = 0.01906$$

$$BEC = 0.01575$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	920.04	0.0002	P	9.1
2	☐	5.000	5.247	22835.99	0.0039	P	1.4
3	☐	50.000	53.351	230576.76	0.0379	P	0.7
4	☐	125.000	132.864	572182.85	0.0942	P	1.1
5	☐	250.000	252.945	1101039.14	0.1793	P	3.4
6	☐	500.000	497.451	2131973.75	0.3524	A	1.6
7	☐	1000.000	999.387	4459901.49	0.7078	A	1.7
8	☐			1580.10	0.0003	P	1.4

$$y = 7.0812\text{E-}004 * x + 1.5217\text{E-}004$$

$$R = 1.0000$$

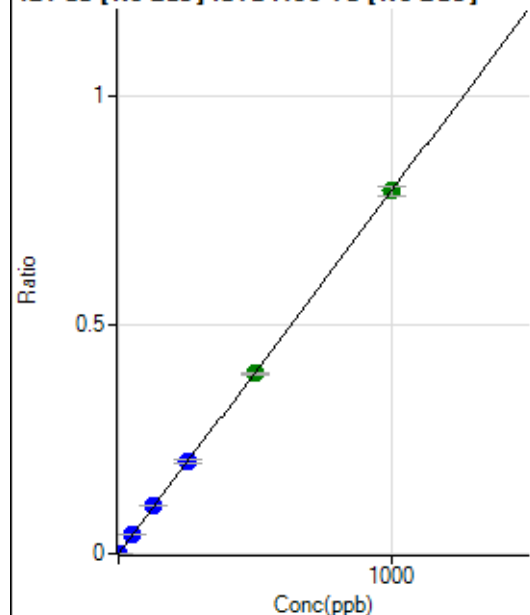
$$DL = 0.05835$$

$$BEC = 0.2149$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.67	0.0000	P	8.3
2	☐	2.000	2.100	9887.92	0.0017	P	2.8
3	☐	50.000	53.353	257682.57	0.0424	P	0.5
4	☐	125.000	133.435	643669.99	0.1060	P	0.8
5	☐	250.000	253.342	1236094.31	0.2013	P	3.4
6	☐	500.000	496.043	2384067.52	0.3941	A	0.8
7	☐	1000.000	999.921	5004184.09	0.7943	A	2.8
8	☐			2184.64	0.0004	P	1.3

$$y = 7.9439\text{E-}004 * x + 6.0572\text{E-}006$$

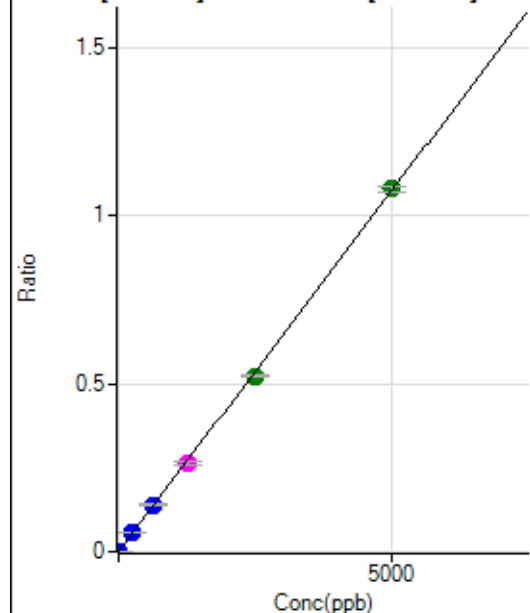
$$R = 0.9999$$

$$DL = 0.001904$$

$$BEC = 0.007625$$

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	24.44	0.0000	P	19.9
2	☐	10.000	9.953	12623.46	0.0021	P	1.2
3	☐	250.000	261.324	340618.95	0.0560	P	0.9
4	☐	625.000	651.999	848817.37	0.1398	P	1.1
5	☐	1250.000	1229.149	1618602.58	0.2635	M	3.5
6	☐	2500.000	2438.384	3163038.18	0.5228	A	1.6
7	☐	5000.000	5032.080	6798124.69	1.0789	A	1.3
8	☐			2516.92	0.0004	P	3.0

$$y = 2.1441\text{E-}004 * x + 4.0357\text{E-}006$$

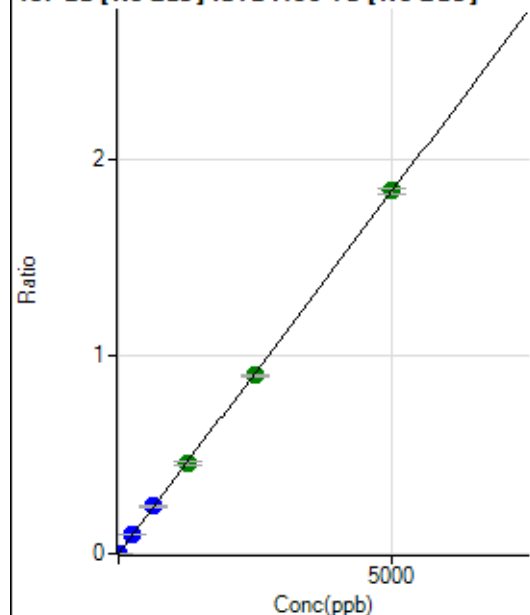
$$R = 0.9998$$

$$DL = 0.01125$$

$$BEC = 0.01882$$

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	37.78	0.0000	P	21.6
2	☐	10.000	10.232	22169.53	0.0038	P	1.6
3	☐	250.000	260.903	581061.98	0.0956	P	1.0
4	☐	625.000	651.424	1449061.84	0.2387	P	1.1
5	☐	1250.000	1252.898	2819221.49	0.4590	A	3.1
6	☐	2500.000	2466.039	5465720.89	0.9034	A	1.1
7	☐	5000.000	5012.407	11569794.55	1.8363	A	1.7
8	☐			4271.79	0.0007	P	0.7

$$y = 3.6635\text{E-}004 * x + 6.2375\text{E-}006$$

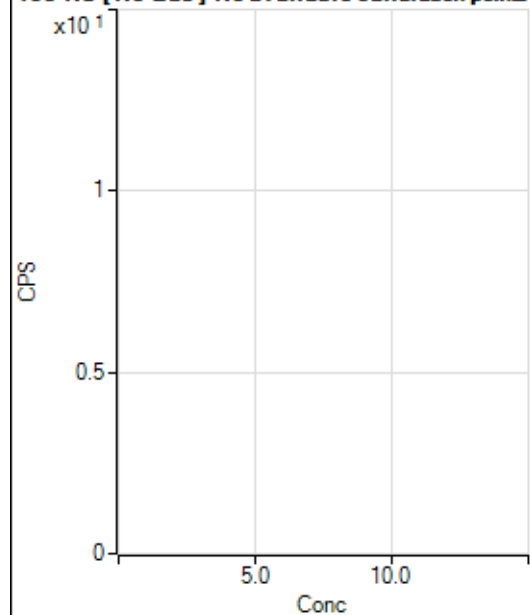
$$R = 0.9999$$

$$DL = 0.01104$$

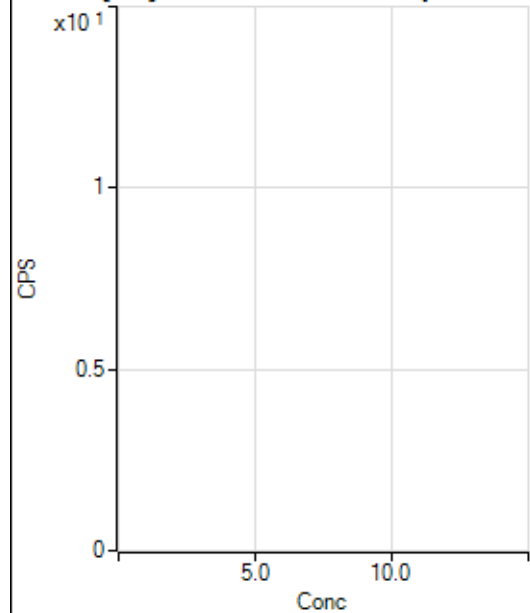
$$BEC = 0.01703$$

Weight: <None>

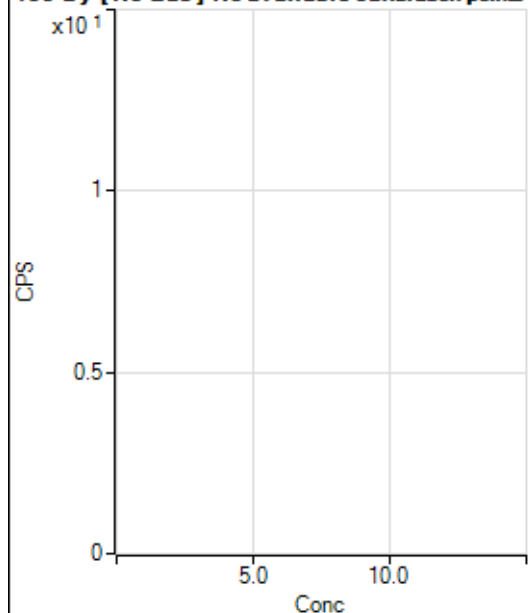
Min Conc: 0

150 Nd [No Gas] No available calibration points

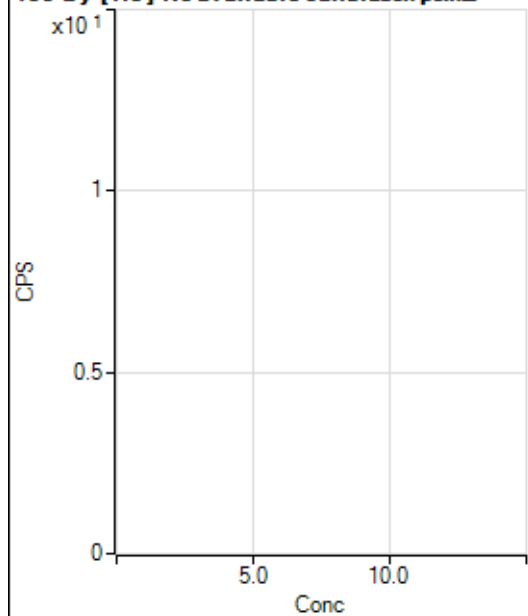
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			10.00		P	66.7
3	☐			22.22		P	22.9
4	☐			55.56		P	9.2
5	☐			86.67		P	26.6
6	☐			181.11		P	2.8
7	☐			350.01		P	4.8
8	☐			87.78		P	28.5

150 Nd [He] No available calibration points

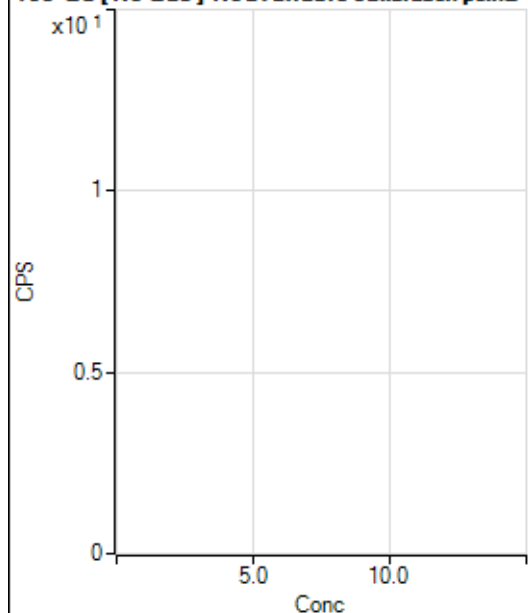
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			14.45		P	74.2
4	☐			15.55		P	24.8
5	☐			25.56		P	19.9
6	☐			50.00		P	17.6
7	☐			85.56		P	6.0
8	☐			70.00		P	26.5

156 Dy [No Gas] No available calibration points

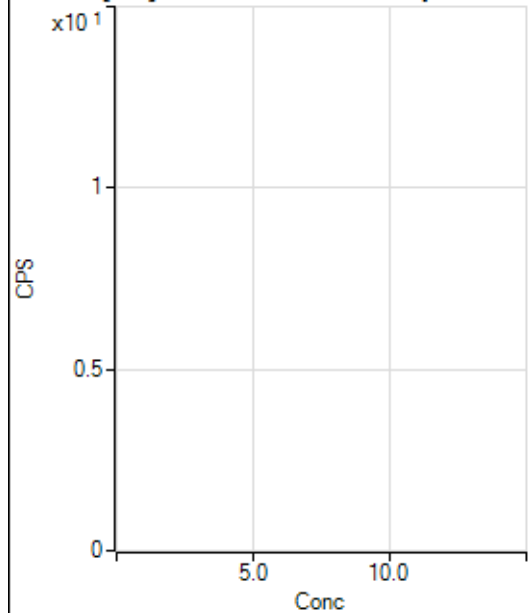
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐			8.89		P	57.3
3	☐			6.67		P	50.0
4	☐			13.33		P	25.0
5	☐			35.55		P	44.3
6	☐			56.67		P	27.0
7	☐			101.11		P	31.3
8	☐			160.00		P	11.6

156 Dy [He] No available calibration points

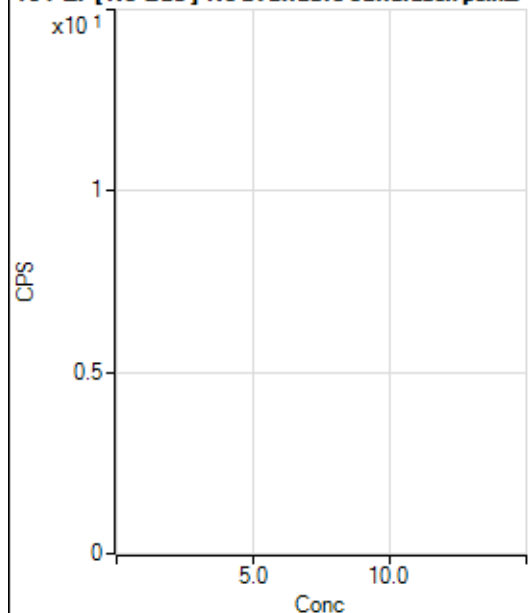
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			21.11		P	24.1
4	☐			53.33		P	6.3
5	☐			121.11		P	10.4
6	☐			176.67		P	3.3
7	☐			336.67		P	10.3
8	☐			153.34		P	17.3

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

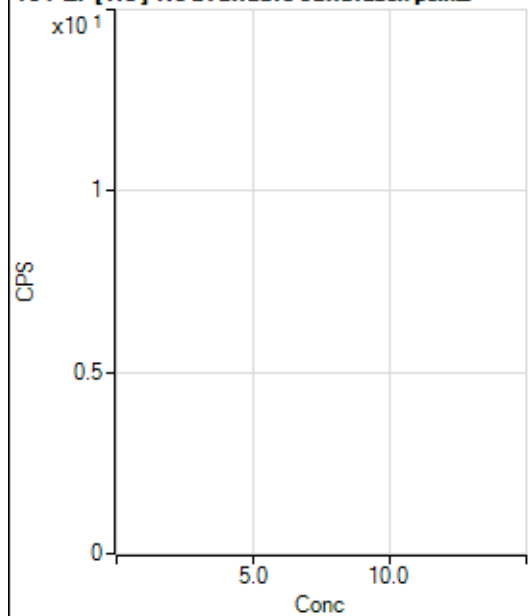
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	24.0
2	☐			32.22		P	31.6
3	☐			15.55		P	44.6
4	☐			33.33		P	52.9
5	☐			53.33		P	18.8
6	☐			54.44		P	17.7
7	☐			95.55		P	7.3
8	☐			171.11		P	4.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			278.89		P	8.6
2	☐			223.34		P	4.5
3	☐			264.45		P	11.4
4	☐			276.67		P	8.4
5	☐			296.67		P	7.4
6	☐			294.45		P	5.1
7	☐			331.12		P	15.1
8	☐			412.23		P	10.2

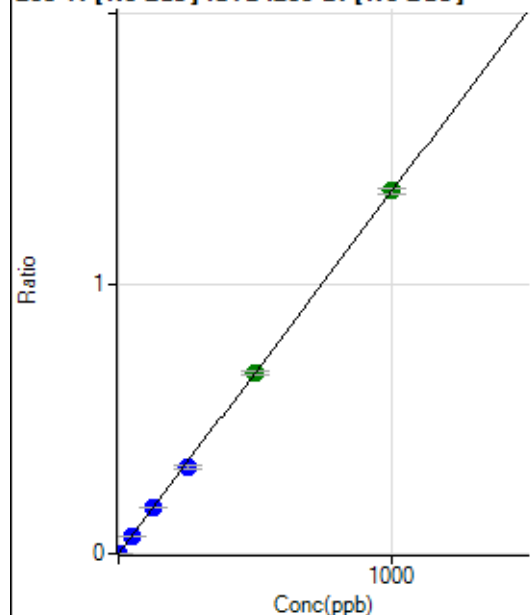
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	5.3
2	☐			46.67		P	37.8
3	☐			42.22		P	38.9
4	☐			50.00		P	24.0
5	☐			72.22		P	10.7
6	☐			61.11		P	22.7
7	☐			111.12		P	27.2
8	☐			245.56		P	4.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	13.1
2	☐			27.78		P	66.1
3	☐			37.78		P	13.5
4	☐			37.78		P	39.8
5	☐			57.78		P	37.1
6	☐			50.00		P	23.1
7	☐			96.67		P	26.9
8	☐			200.00		P	30.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0000	P	11.4
2	☐	1.000	0.927	4329.62	0.0013	P	2.3
3	☐	50.000	50.119	233282.68	0.0673	P	1.1
4	☐	125.000	126.215	587027.15	0.1695	P	1.4
5	☐	250.000	240.553	1153921.71	0.3229	P	4.8
6	☐	500.000	500.319	2315742.20	0.6716	A	2.1
7	☐	1000.000	1002.044	4810973.64	1.3450	A	1.6
8	☐			435.57	0.0001	P	6.5

$$y = 0.0013 * x + 3.7886E-005$$

$$R = 0.9999$$

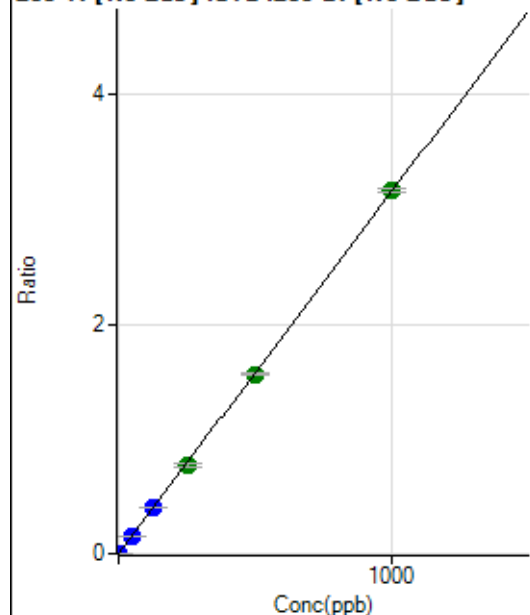
$$DL = 0.009642$$

$$BEC = 0.02823$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	318.90	0.0001	P	2.1
2	☐	1.000	0.919	10087.15	0.0030	P	3.5
3	☐	50.000	49.536	541041.90	0.1561	P	0.8
4	☐	125.000	126.488	1380462.37	0.3985	P	1.1
5	☐	250.000	242.733	2732055.72	0.7646	A	5.0
6	☐	500.000	497.085	5398902.04	1.5657	A	1.4
7	☐	1000.000	1003.112	11301890.39	3.1595	A	1.2
8	☐			924.49	0.0003	P	6.5

$$y = 0.0031 * x + 9.2868E-005$$

$$R = 1.0000$$

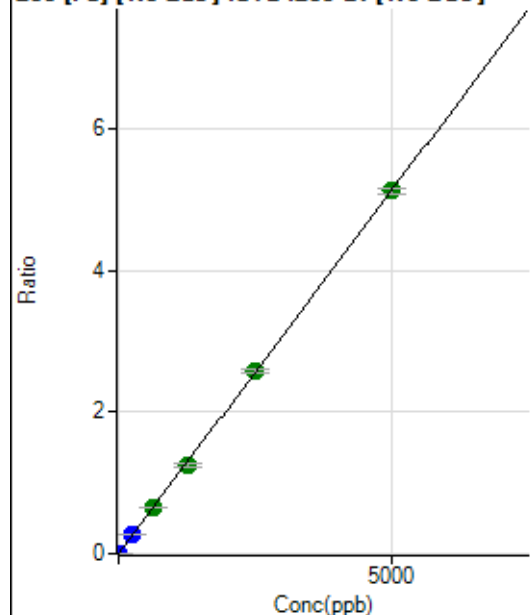
$$DL = 0.001892$$

$$BEC = 0.02949$$

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	677.80	0.0002	P	5.3
2	☐	1.000	0.986	4086.21	0.0012	P	2.5
3	☐	250.000	254.523	906200.19	0.2615	P	1.0
4	☐	625.000	635.902	2261995.49	0.6530	A	1.6
5	☐	1250.000	1226.921	4501788.37	1.2597	A	4.1
6	☐	2500.000	2511.950	8891876.12	2.5788	A	2.1
7	☐	5000.000	4998.206	18353019.17	5.1310	A	1.2
8	☐			8663.95	0.0028	P	1.1

$$y = 0.0010 * x + 1.9743E-004$$

$$R = 1.0000$$

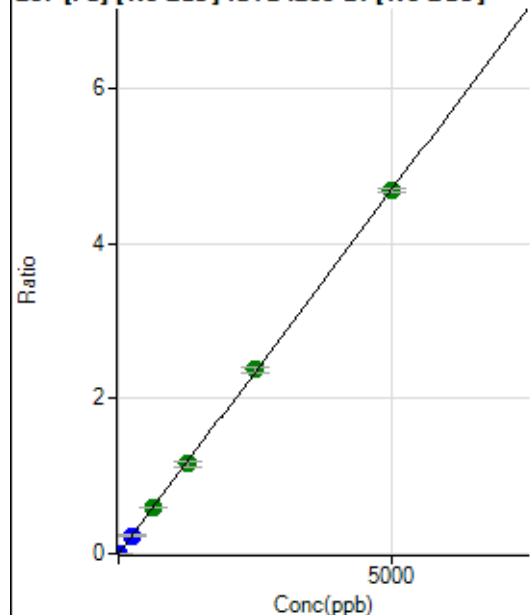
$$DL = 0.03056$$

$$BEC = 0.1923$$

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	596.69	0.0002	P	10.1
2	☐	1.000	0.966	3642.75	0.0011	P	2.0
3	☐	250.000	249.828	811743.31	0.2342	P	1.0
4	☐	625.000	640.155	2077877.07	0.5999	A	2.2
5	☐	1250.000	1229.463	4116194.45	1.1520	A	5.0
6	☐	2500.000	2528.731	8168641.48	2.3691	A	2.8
7	☐	5000.000	4988.883	16718110.17	4.6739	A	1.1
8	☐			7472.14	0.0024	P	0.8

$$y = 9.3682E-004 * x + 1.7386E-004$$

$$R = 1.0000$$

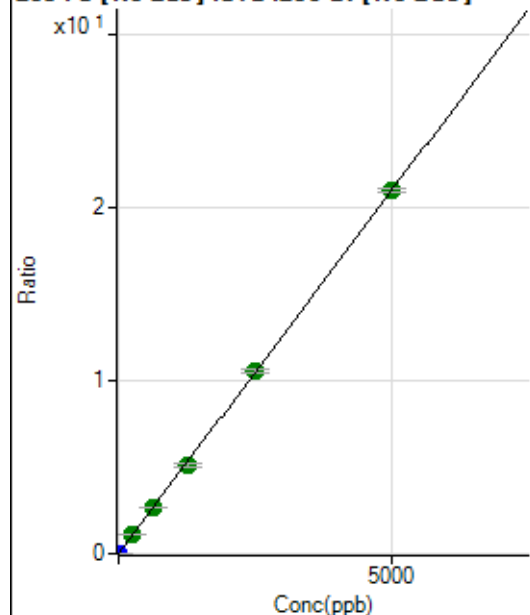
$$DL = 0.05611$$

$$BEC = 0.1856$$

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	2679.02	0.0008	P	3.7
2	☐	1.000	0.965	16300.76	0.0048	P	2.8
3	☐	250.000	253.143	3682791.92	1.0626	A	0.2
4	☐	625.000	640.859	9315082.20	2.6889	A	1.5
5	☐	1250.000	1220.515	18299790.46	5.1203	A	3.8
6	☐	2500.000	2514.112	36365010.09	10.5464	A	2.0
7	☐	5000.000	4998.176	74993432.91	20.9659	A	1.2
8	☐			34467.45	0.0111	P	0.4

$$y = 0.0042 * x + 7.8031E-004$$

$$R = 1.0000$$

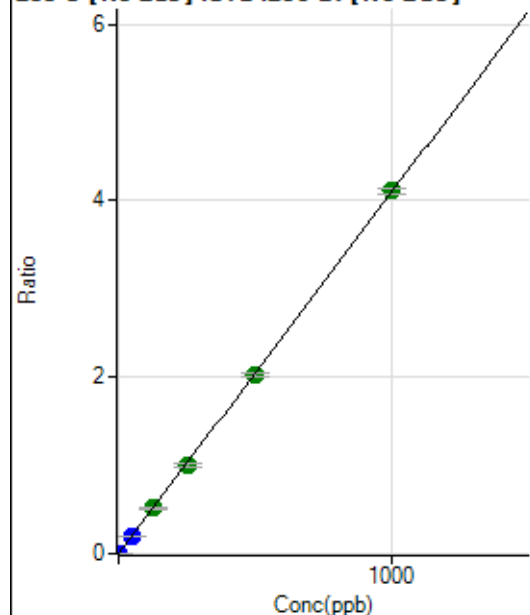
$$DL = 0.02088$$

$$BEC = 0.186$$

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	23.33	0.0000	P	111.
2	☐	1.000	0.945	13092.09	0.0039	P	1.5
3	☐	50.000	48.221	684049.80	0.1974	P	0.4
4	☐	125.000	125.177	1774739.23	0.5123	A	2.0
5	☐	250.000	244.455	3575696.61	1.0005	A	4.0
6	☐	500.000	495.027	6986448.37	2.0261	A	1.4
7	☐	1000.000	1003.939	14696840.75	4.1090	A	1.9
8	☐			485.57	0.0002	P	18.6

$$y = 0.0041 * x + 6.7515E-006$$

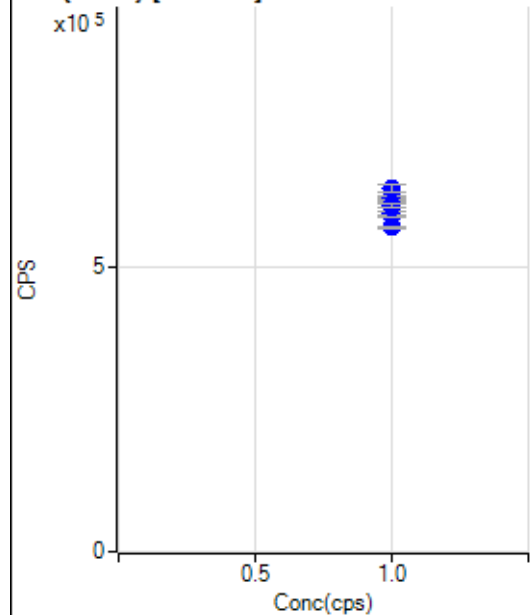
$$R = 1.0000$$

$$DL = 0.005493$$

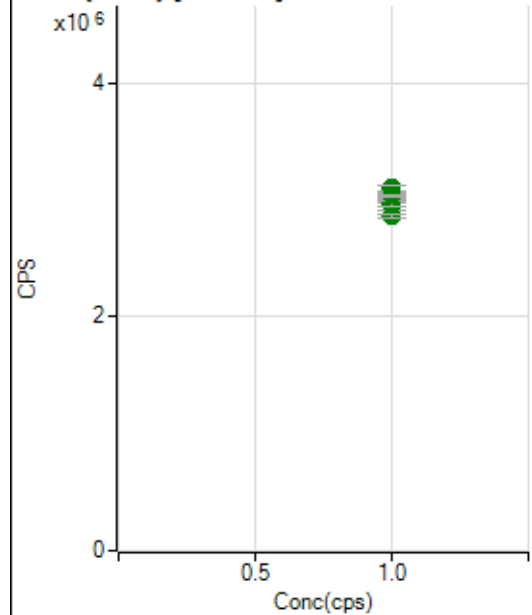
$$BEC = 0.00165$$

Weight: <None>

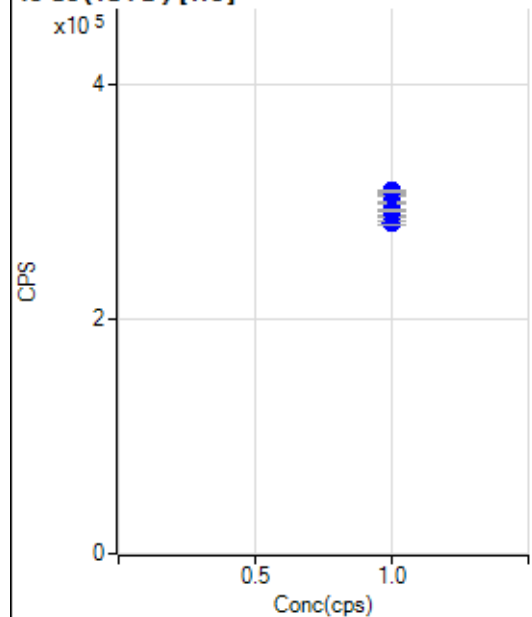
Min Conc: 0

6 Li (ISTD) [No Gas]

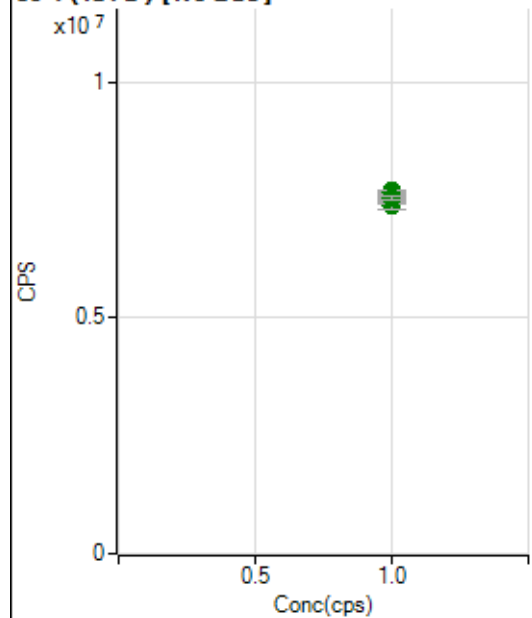
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		593549.58		P	1.0
2	☐	1.000		590004.33		P	0.5
3	☐	1.000		617750.96		P	1.1
4	☐	1.000		622945.74		P	1.1
5	☐	1.000		637611.77		P	2.3
6	☐	1.000		605477.00		P	2.0
7	☐	1.000		607223.18		P	1.2
8	☐	1.000		570798.63		P	0.7

45 Sc (ISTD) [No Gas]

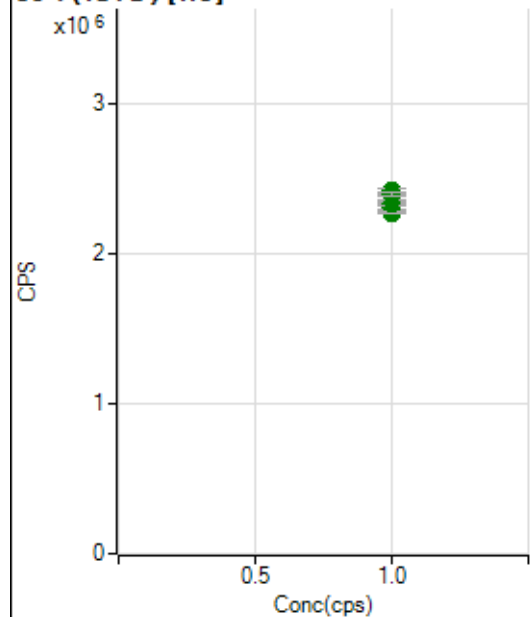
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3090138.32		A	2.1
2	☐	1.000		3000196.45		A	0.9
3	☐	1.000		3101092.59		A	1.5
4	☐	1.000		2993310.96		A	1.6
5	☐	1.000		2951581.90		A	2.4
6	☐	1.000		2860500.27		A	1.7
7	☐	1.000		2967333.71		A	1.2
8	☐	1.000		3033059.29		A	0.4

45 Sc (ISTD) [He]

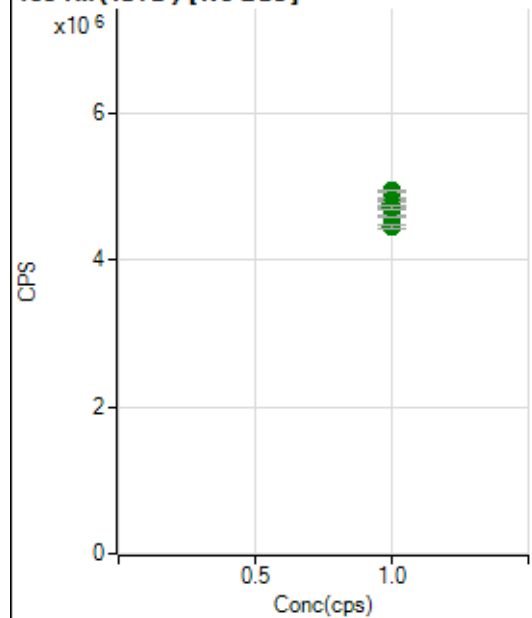
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		299022.35		P	0.4
2	☐	1.000		299643.52		P	0.4
3	☐	1.000		306600.95		P	0.6
4	☐	1.000		292453.73		P	0.1
5	☐	1.000		282170.19		P	0.8
6	☐	1.000		288535.21		P	0.5
7	☐	1.000		292862.16		P	1.0
8	☐	1.000		309580.88		P	0.8

89 Y (ISTD) [No Gas]

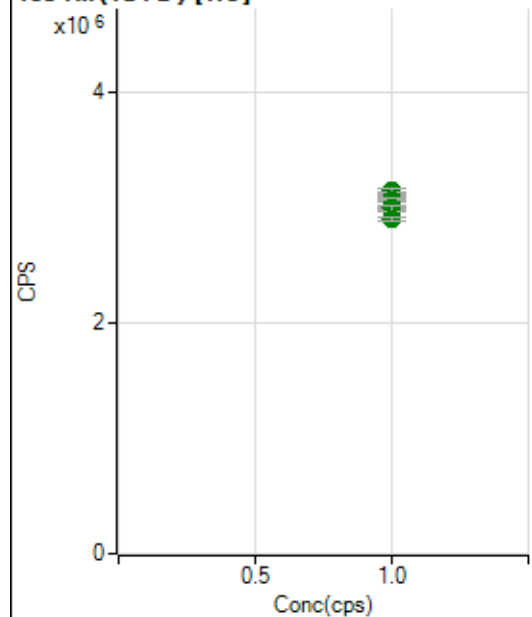
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7691071.62		A	0.8
2	☐	1.000		7499376.42		A	0.7
3	☐	1.000		7684480.09		A	0.2
4	☐	1.000		7589955.72		A	2.3
5	☐	1.000		7567931.69		A	1.2
6	☐	1.000		7366080.31		A	1.7
7	☐	1.000		7669449.75		A	1.4
8	☐	1.000		7548048.64		A	1.3

89 Y(ISTD) [He]

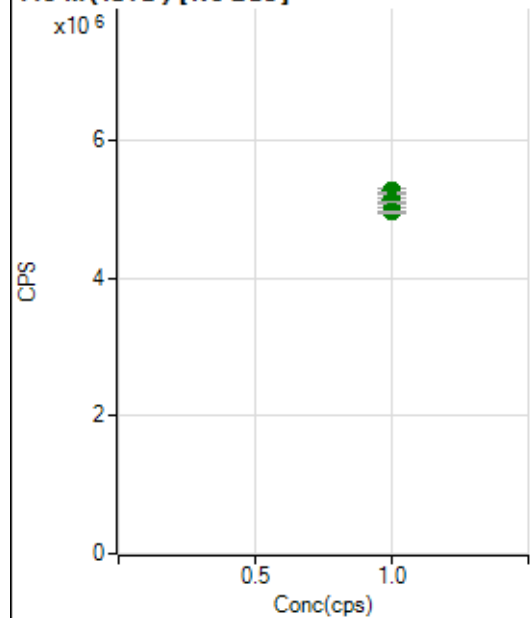
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2352373.13		A	1.0
2	☐	1.000		2342206.11		A	0.6
3	☐	1.000		2421243.65		A	1.3
4	☐	1.000		2313226.58		A	1.6
5	☐	1.000		2275634.20		A	0.2
6	☐	1.000		2336229.04		A	1.4
7	☐	1.000		2361926.09		A	0.2
8	☐	1.000		2400882.45		A	1.0

103 Rh(ISTD) [No Gas]

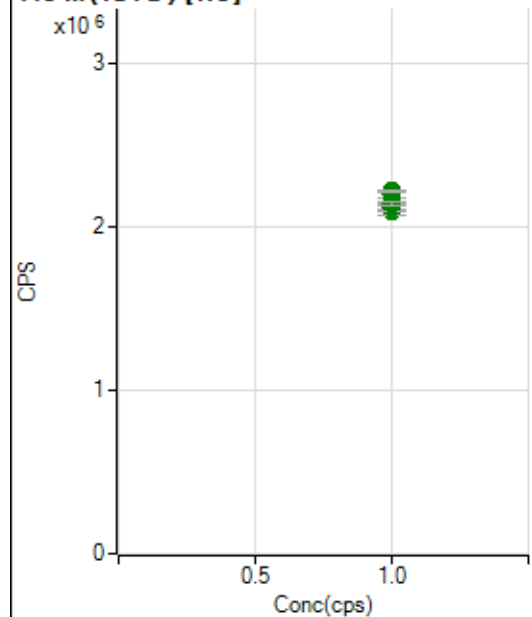
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4942753.92		A	0.9
2	☐	1.000		4808300.76		A	0.8
3	☐	1.000		4946847.77		A	0.9
4	☐	1.000		4836197.32		A	0.7
5	☐	1.000		4762859.24		A	1.9
6	☐	1.000		4596819.24		A	0.8
7	☐	1.000		4714797.64		A	1.3
8	☐	1.000		4462541.43		A	1.1

103 Rh (ISTD) [He]

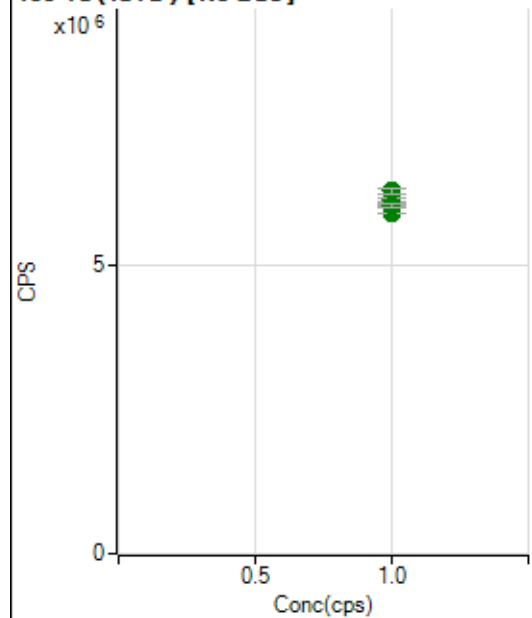
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3092873.50		A	1.0
2	☐	1.000		3077164.92		A	2.0
3	☐	1.000		3145116.66		A	0.9
4	☐	1.000		3069105.86		A	0.5
5	☐	1.000		2992995.65		A	1.2
6	☐	1.000		2987591.79		A	0.4
7	☐	1.000		2996925.75		A	1.4
8	☐	1.000		2894462.94		A	1.2

115 In (ISTD) [No Gas]

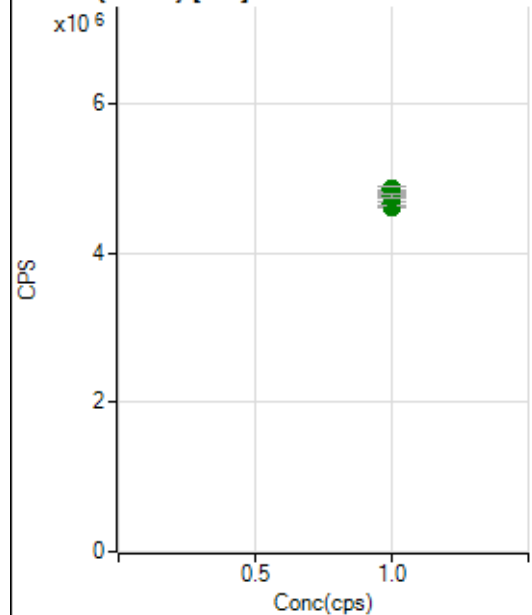
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5261906.82		A	1.4
2	☐	1.000		5089305.62		A	1.0
3	☐	1.000		5236503.17		A	0.3
4	☐	1.000		5140784.47		A	2.8
5	☐	1.000		5094713.86		A	2.7
6	☐	1.000		4977801.55		A	1.4
7	☐	1.000		5091879.26		A	0.9
8	☐	1.000		4954645.80		A	0.4

115 In (ISTD) [He]

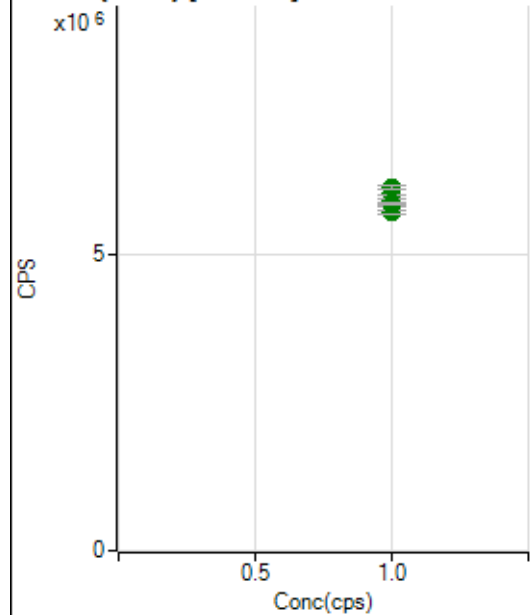
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2138264.49		A	0.9
2	☐	1.000		2196389.56		A	1.7
3	☐	1.000		2220998.57		A	0.7
4	☐	1.000		2149601.88		A	0.3
5	☐	1.000		2090089.23		A	2.0
6	☐	1.000		2124435.13		A	1.7
7	☐	1.000		2114332.43		A	1.4
8	☐	1.000		2140664.76		A	1.4

159 Tb (ISTD) [No Gas]

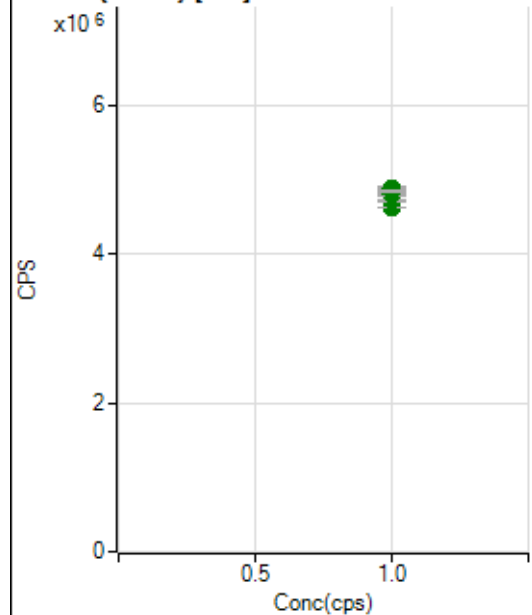
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6050900.61		A	1.5
2	☐	1.000		5904521.44		A	0.2
3	☐	1.000		6079041.16		A	0.6
4	☐	1.000		6072556.85		A	1.8
5	☐	1.000		6144147.20		A	1.7
6	☐	1.000		6050312.34		A	0.9
7	☐	1.000		6301980.53		A	1.9
8	☐	1.000		6037199.84		A	0.9

159 Tb (ISTD) [He]

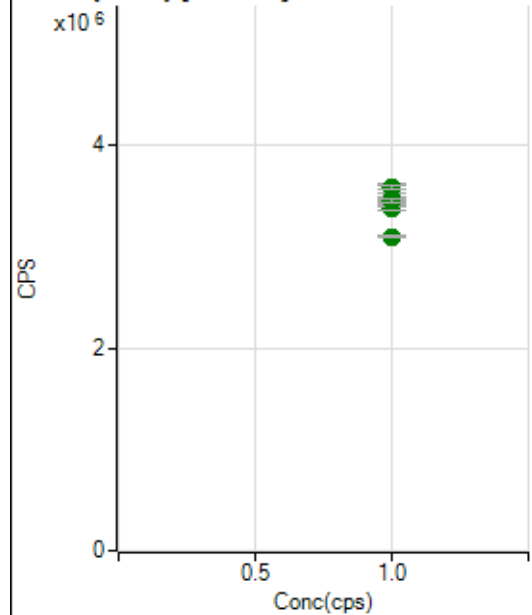
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4621019.58		A	0.7
2	☐	1.000		4667586.63		A	0.9
3	☐	1.000		4810848.82		A	1.2
4	☐	1.000		4799238.44		A	0.2
5	☐	1.000		4754999.72		A	0.6
6	☐	1.000		4857778.82		A	1.3
7	☐	1.000		4862823.61		A	1.7
8	☐	1.000		4779516.32		A	1.1

165 Ho (ISTD) [No Gas]

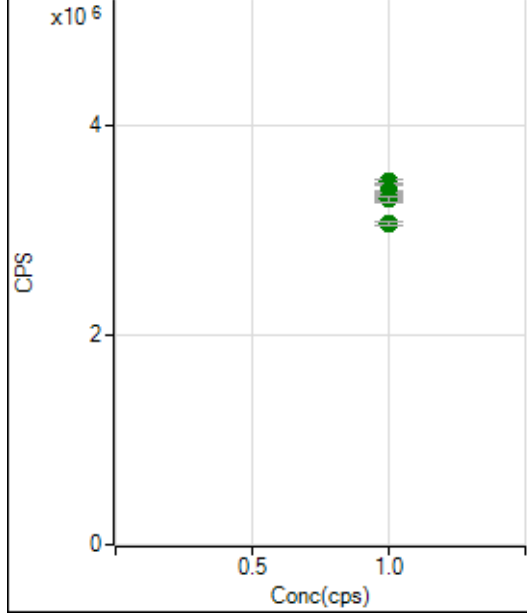
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5841525.82		A	1.1
2	☐	1.000		5702601.03		A	1.2
3	☐	1.000		5881729.71		A	1.5
4	☐	1.000		5908735.54		A	0.7
5	☐	1.000		6045061.51		A	1.9
6	☐	1.000		5851794.50		A	0.6
7	☐	1.000		6121923.59		A	1.2
8	☐	1.000		5855397.34		A	0.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4626450.24		A	0.4
2	☐	1.000		4723074.23		A	0.5
3	☐	1.000		4869084.06		A	0.7
4	☐	1.000		4836708.81		A	1.1
5	☐	1.000		4809721.94		A	0.6
6	☐	1.000		4854628.05		A	1.1
7	☐	1.000		4877929.30		A	1.6
8	☐	1.000		4853160.17		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3434285.19		A	1.3
2	☐	1.000		3377482.31		A	1.2
3	☐	1.000		3465836.20		A	0.4
4	☐	1.000		3464740.09		A	1.9
5	☐	1.000		3576209.18		A	2.5
6	☐	1.000		3448569.15		A	1.0
7	☐	1.000		3577235.88		A	1.2
8	☐	1.000		3099690.65		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3296468.11		A	1.0
2	☐	1.000		3337176.44		A	1.7
3	☐	1.000		3464504.22		A	0.9
4	☐	1.000		3438801.37		A	0.4
5	☐	1.000		3372362.56		A	0.6
6	☐	1.000		3353166.86		A	0.7
7	☐	1.000		3298930.85		A	1.6
8	☐	1.000		3068965.23		A	0.9