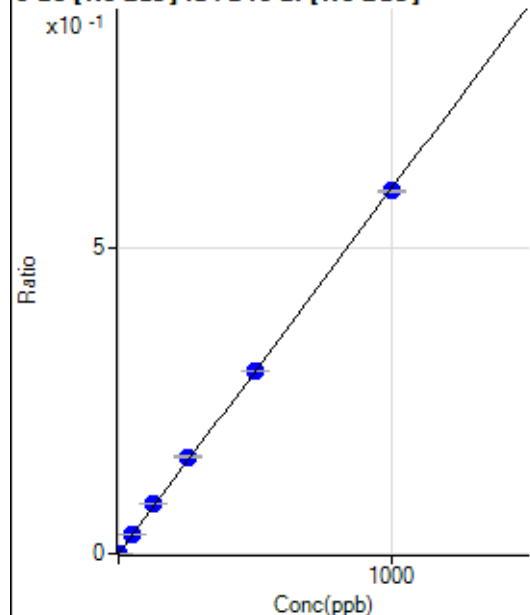


Batch Folder: D:\ICP-MS Data\P7040219-MS.b\
Analysis File: P7040219-MS.batch.bin
DA Date-Time: 2019-04-02 23:39:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-04-02 11:34:12
2			
3	005CALS.d	S02	2019-04-02 11:42:43
4	006CALS.d	S03	2019-04-02 11:46:38
5	007CALS.d	S04	2019-04-02 11:50:48
6	008CALS.d	S05	2019-04-02 11:54:37
7	009CALS.d	S06	2019-04-02 11:58:23
8	010CALS.d	S07	2019-04-02 12:02:08
9	012CALS.d	S08	2019-04-02 12:09:41

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0000	P	12.5
2	☐	0.100					
3	☐	1.000	0.971	4598.55	0.0006	P	4.1
4	☐	50.000	53.450	246004.22	0.0320	P	0.7
5	☐	125.000	137.496	617661.72	0.0823	P	0.4
6	☐	250.000	265.099	1143559.37	0.1587	P	2.1
7	☐	500.000	500.917	2111539.52	0.2999	P	0.8
8	☐	1000.000	994.032	4105863.79	0.5952	P	0.4
9	☐			740.03	0.0001	P	5.3

$$y = 5.9872\text{E-}004 * x + 1.1341\text{E-}005$$

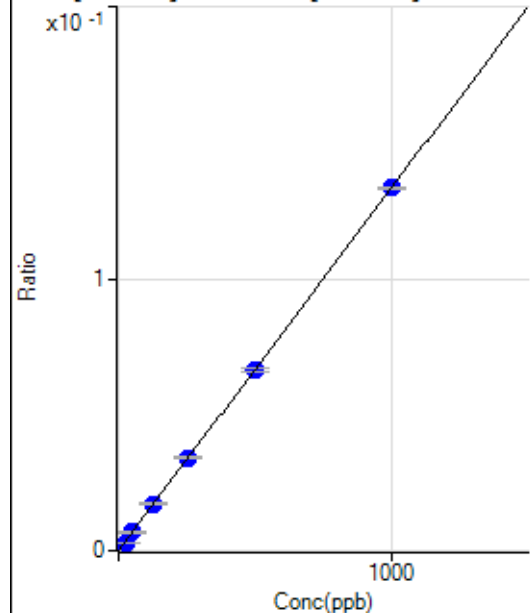
$$R = 0.9998$$

$$DL = 0.007109$$

$$BEC = 0.01894$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	522.25	0.0001	P	13.6
2	☐	2.500					
3	☐	25.000	22.907	24259.24	0.0031	P	1.6
4	☐	50.000	50.209	52018.24	0.0068	P	1.6
5	☐	125.000	129.136	129791.90	0.0173	P	2.0
6	☐	250.000	255.680	246287.23	0.0342	P	2.9
7	☐	500.000	496.193	466654.62	0.0663	P	2.2
8	☐	1000.000	1000.008	921126.54	0.1335	P	0.8
9	☐			32316.11	0.0051	P	8.6

$$y = 1.3345\text{E-}004 * x + 6.9229\text{E-}005$$

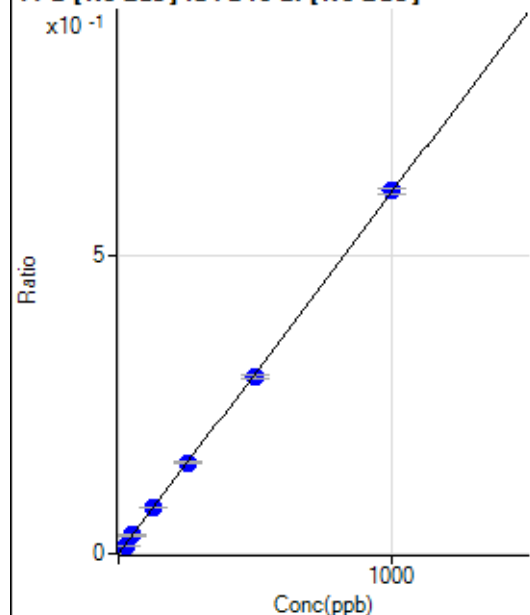
$$R = 1.0000$$

$$DL = 0.2119$$

$$BEC = 0.5188$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2539.19	0.0003	P	4.5
2	☐	2.500					
3	☐	25.000	22.913	110107.99	0.0142	P	2.0
4	☐	50.000	50.194	235777.67	0.0307	P	0.7
5	☐	125.000	127.353	580106.87	0.0773	P	1.6
6	☐	250.000	251.328	1097077.48	0.1523	P	2.2
7	☐	500.000	488.785	2082790.74	0.2958	P	1.8
8	☐	1000.000	1005.024	4194279.74	0.6079	P	1.4
9	☐			148159.99	0.0232	P	9.1

$$y = 6.0457E-004 * x + 3.3656E-004$$

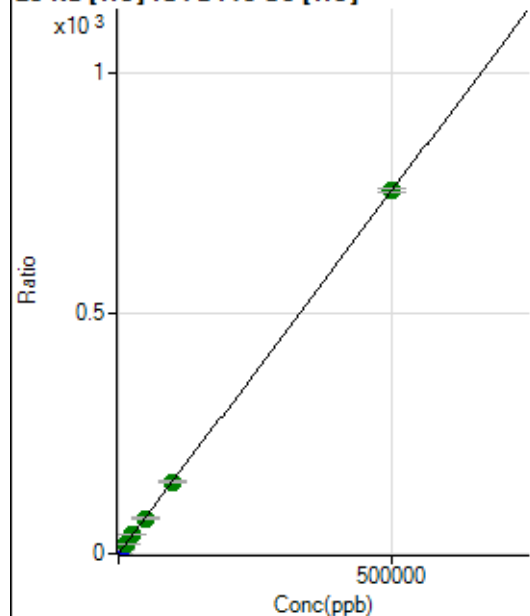
$$R = 0.9999$$

$$DL = 0.07554$$

$$BEC = 0.5567$$

Weight: <None>

Min Conc: 0

23 Na [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13542.70	0.0252	P	4.4
2	☐	50.000					
3	☐	500.000	468.719	399750.69	0.7325	P	1.3
4	☐	5000.000	5127.952	4206701.13	7.7624	P	0.7
5	☐	12500.000	12947.834	10400045.37	19.5613	A	0.9
6	☐	25000.000	25809.966	19922651.14	38.9681	A	0.7
7	☐	50000.000	49024.611	38082222.03	73.9950	A	0.5
8	☐	100000.00	99366.676	78448418.42	149.9525	A	1.2
9	☐	500000.00	500171.26	387483675.3	754.6978	A	1.2

$$y = 0.0015 * x + 0.0252$$

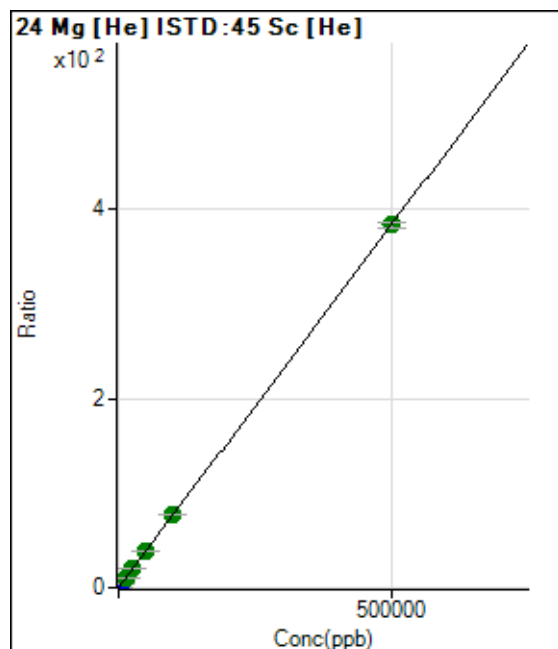
$$R = 1.0000$$

$$DL = 2.19$$

$$BEC = 16.73$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0003	P	4.7
2	☐	50.000					
3	☐	500.000	502.081	210626.64	0.3859	P	1.6
4	☐	5000.000	5265.326	2191662.87	4.0442	P	0.3
5	☐	12500.000	13271.112	5419089.71	10.1927	A	0.6
6	☐	25000.000	26507.645	10408557.43	20.3584	A	0.5
7	☐	50000.000	50308.564	19885379.96	38.6378	A	0.7
8	☐	100000.00	100328.37	40311309.24	77.0534	A	1.1
9	☐	500000.00	499806.15	197066754.4	383.8560	A	1.7

$$y = 7.6801\text{E-}004 * x + 3.3129\text{E-}004$$

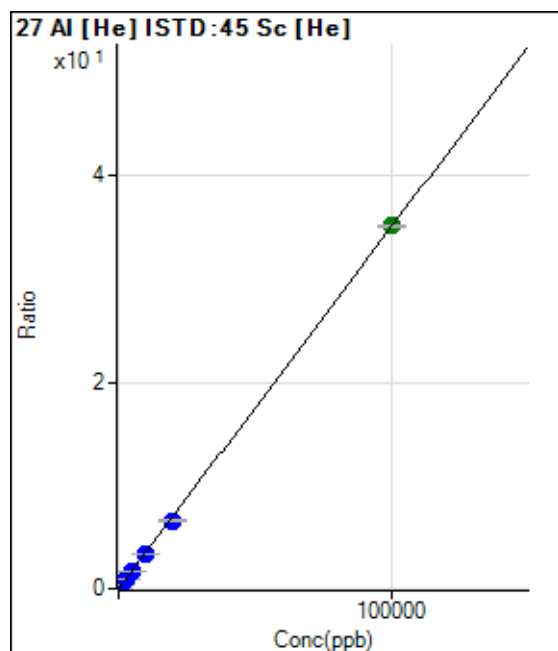
$$R = 1.0000$$

$$DL = 0.06128$$

$$BEC = 0.4314$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0001	P	75.4
2	☐	2.000					
3	☐	20.000	17.497	3394.97	0.0062	P	14.9
4	☐	1000.000	981.217	186418.94	0.3440	P	1.0
5	☐	2500.000	2502.012	466272.75	0.8770	P	1.0
6	☐	5000.000	4962.776	889368.55	1.7395	P	0.6
7	☐	10000.000	9481.071	1710318.74	3.3232	P	1.4
8	☐	20000.000	18782.640	3444194.13	6.5834	P	1.0
9	☐	100000.00	100297.36	18050876.27	35.1545	A	0.6

$$y = 3.5050\text{E-}004 * x + 8.2737\text{E-}005$$

$$R = 0.9999$$

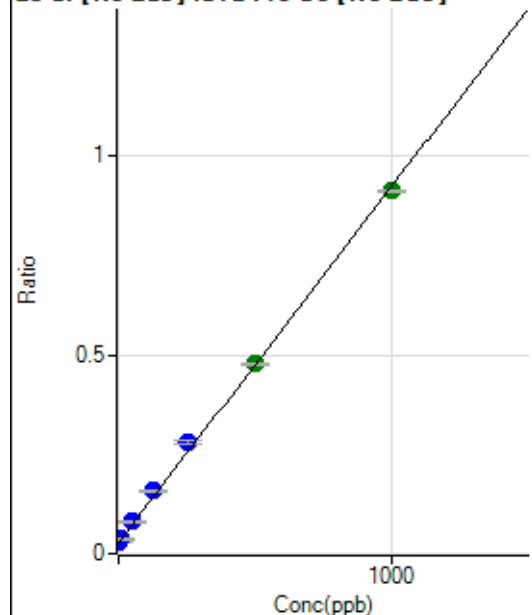
$$DL = 0.5338$$

$$BEC = 0.2361$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307917.27	0.0283	P	0.2
2	☐	1.000					
3	☐	10.000	9.205	404222.89	0.0365	P	1.2
4	☐	50.000	57.768	874010.01	0.0800	P	2.9
5	☐	125.000	144.588	1694561.05	0.1578	P	1.8
6	☐	250.000	281.158	2881649.87	0.2801	P	2.5
7	☐	500.000	502.508	4875336.18	0.4784	A	0.7
8	☐	1000.000	988.128	9340243.44	0.9134	A	0.5
9	☐			578643.09	0.0590	P	2.6

$$y = 8.9575E-004 * x + 0.0283$$

$$R = 0.9993$$

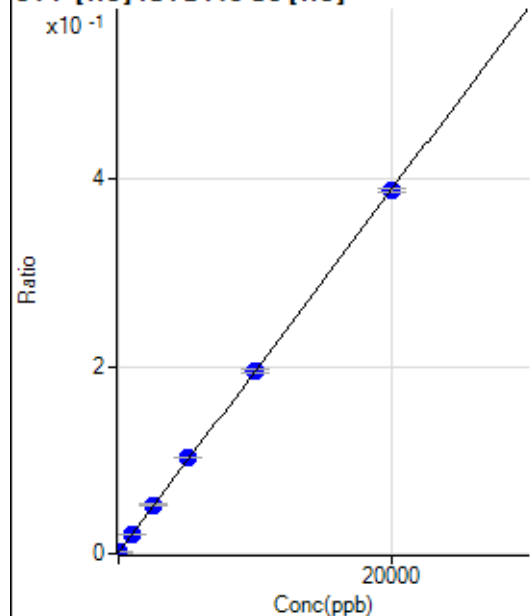
$$DL = 0.2008$$

$$BEC = 31.55$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-25.784	405.58	0.0008	P	4.7
2	☐	0.000					
3	☐	0.000	25.784	958.40	0.0018	P	6.4
4	☐	1000.000	998.843	11174.05	0.0206	P	1.7
5	☐	2500.000	2620.318	27670.88	0.0520	P	1.5
6	☐	5000.000	5227.801	52448.76	0.1026	P	1.1
7	☐	10000.000	10000.035	100403.65	0.1951	P	2.8
8	☐	20000.000	19928.050	202742.30	0.3875	P	1.1
9	☐			536.14	0.0010	P	9.6

$$y = 1.9384E-005 * x + 0.0013$$

$$R = 0.9999$$

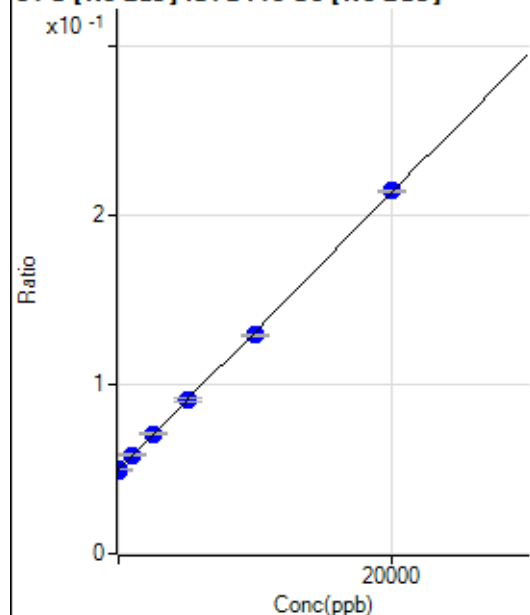
$$DL = 11.39$$

$$BEC = 64.78$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-51.359	535301.84	0.0491	P	0.6
2	☐	0.000					
3	☐	0.000	51.359	553326.09	0.0500	P	1.4
4	☐	1000.000	1099.894	640058.25	0.0586	P	0.8
5	☐	2500.000	2595.138	761128.83	0.0709	P	1.5
6	☐	5000.000	5042.033	935934.63	0.0910	P	1.6
7	☐	10000.000	9735.971	1320062.20	0.1295	P	0.8
8	☐	20000.000	20104.619	2195589.65	0.2147	P	0.3
9	☐			467242.54	0.0477	P	0.8

$$y = 8.2150E-006 * x + 0.0495$$

$$R = 0.9998$$

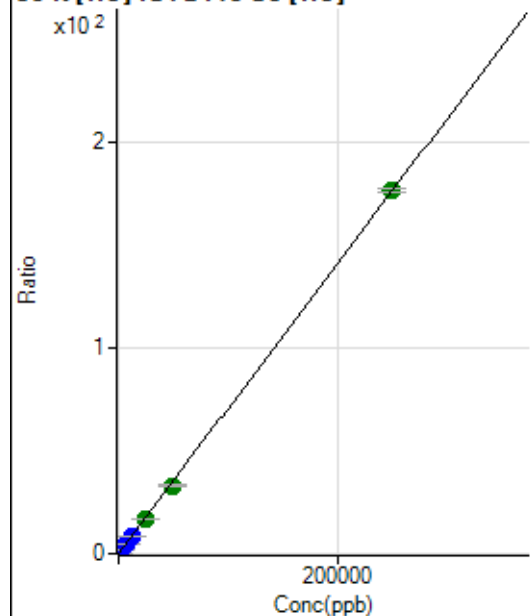
$$DL = 183.1$$

$$BEC = 6031$$

Weight: <None>

Min Conc: 0

39 K [He] ISTD:45 Sc [He]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21096.30	0.0393	P	2.3
2	☐	50.000					
3	☐	500.000	447.935	192996.09	0.3536	P	0.9
4	☐	2500.000	2419.287	941160.17	1.7367	P	0.6
5	☐	6250.000	6173.384	2323632.47	4.3706	P	1.1
6	☐	12500.000	12188.370	4392121.02	8.5908	P	0.4
7	☐	25000.000	23292.858	8430968.77	16.3817	A	0.7
8	☐	50000.000	47110.517	17312506.12	33.0923	A	1.0
9	☐	250000.00	250767.01	90354660.35	175.9789	A	1.1

$$y = 7.0161E-004 * x + 0.0393$$

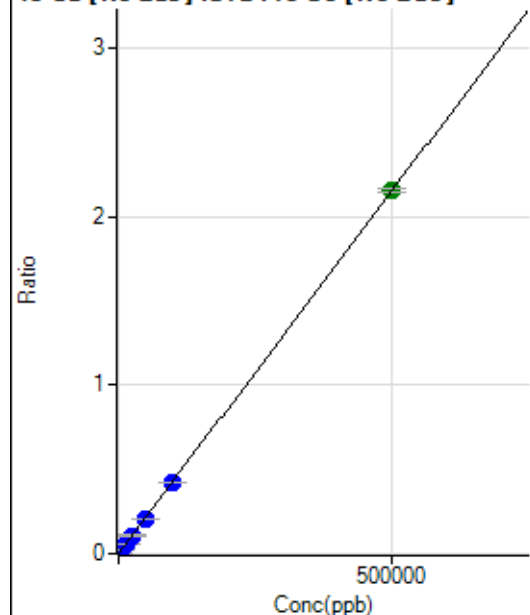
$$R = 0.9999$$

$$DL = 3.917$$

$$BEC = 56.05$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	166.67	0.0000	P	13.1
2	☐	50.000					
3	☐	500.000	439.607	21104.76	0.0019	P	2.4
4	☐	5000.000	4889.775	229883.17	0.0210	P	1.8
5	☐	12500.000	12604.819	582335.19	0.0542	P	1.8
6	☐	25000.000	24898.500	1101581.30	0.1071	P	3.0
7	☐	50000.000	47571.991	2085000.20	0.2046	P	1.0
8	☐	100000.00	97491.372	4287323.40	0.4192	P	0.8
9	☐	500000.00	500748.14	21111367.83	2.1533	A	0.9

$$y = 4.3002\text{E-}006 * x + 1.5293\text{E-}005$$

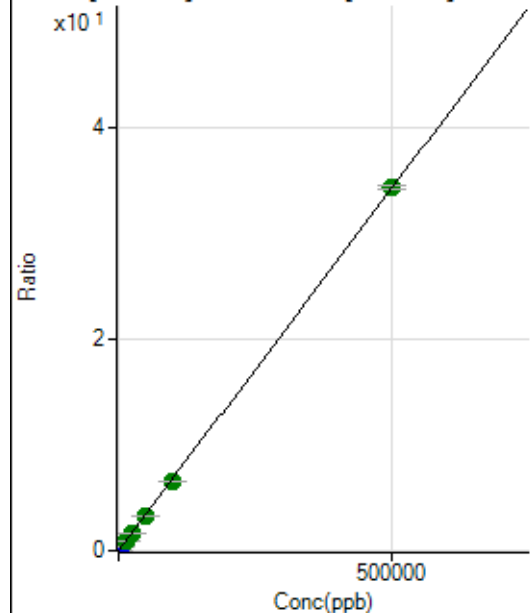
$$R = 1.0000$$

$$DL = 1.399$$

$$BEC = 3.556$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18936.25	0.0017	P	2.2
2	☐	50.000					
3	☐	500.000	447.272	358372.18	0.0324	P	0.7
4	☐	5000.000	4888.783	3675794.26	0.3364	P	1.1
5	☐	12500.000	12302.173	9065438.22	0.8440	A	1.5
6	☐	25000.000	24495.741	17271722.26	1.6788	A	2.1
7	☐	50000.000	47034.191	32835199.35	3.2218	A	0.6
8	☐	100000.00	96591.609	67641612.62	6.6146	A	0.3
9	☐	500000.00	501009.58	336294768.6	34.3020	A	0.9

$$y = 6.8462\text{E-}005 * x + 0.0017$$

$$R = 1.0000$$

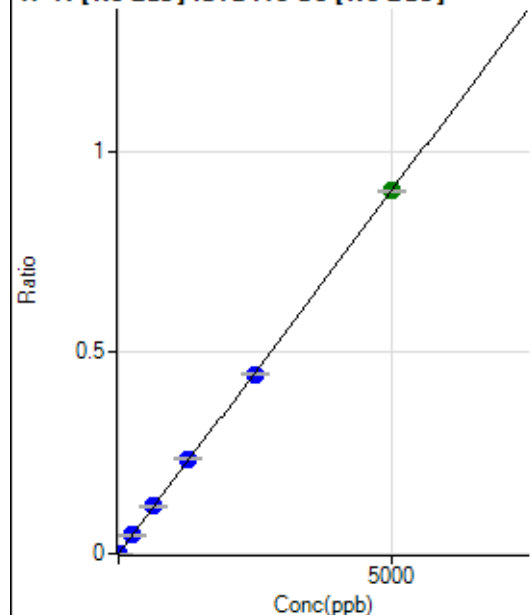
$$DL = 1.67$$

$$BEC = 25.38$$

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	252.79	0.0000	P	5.2
2	☐	0.500					
3	☐	5.000	4.665	9578.48	0.0009	P	6.7
4	☐	250.000	252.417	498075.78	0.0456	P	1.9
5	☐	625.000	651.712	1263911.60	0.1177	P	1.0
6	☐	1250.000	1302.481	2419380.91	0.2351	P	1.8
7	☐	2500.000	2467.963	4540757.96	0.4455	P	1.0
8	☐	5000.000	4999.439	9229278.51	0.9025	A	0.2
9	☐			5076.11	0.0005	P	0.1

$$y = 1.8052E-004 * x + 2.3200E-005$$

$$R = 0.9999$$

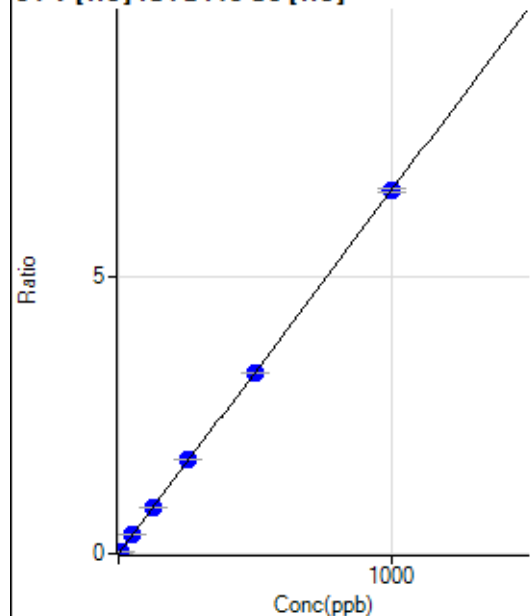
$$DL = 0.02018$$

$$BEC = 0.1285$$

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	11.11	0.0000	P	46.5
2	☐	0.500					
3	☐	5.000	4.884	17482.79	0.0320	P	0.9
4	☐	50.000	50.883	180735.70	0.3335	P	0.5
5	☐	125.000	129.358	450747.86	0.8478	P	0.2
6	☐	250.000	259.185	868459.58	1.6987	P	0.3
7	☐	500.000	497.254	1677227.20	3.2589	P	0.9
8	☐	1000.000	998.488	3423504.36	6.5439	P	1.0
9	☐			671.14	0.0013	P	8.0

$$y = 0.0066 * x + 2.0750E-005$$

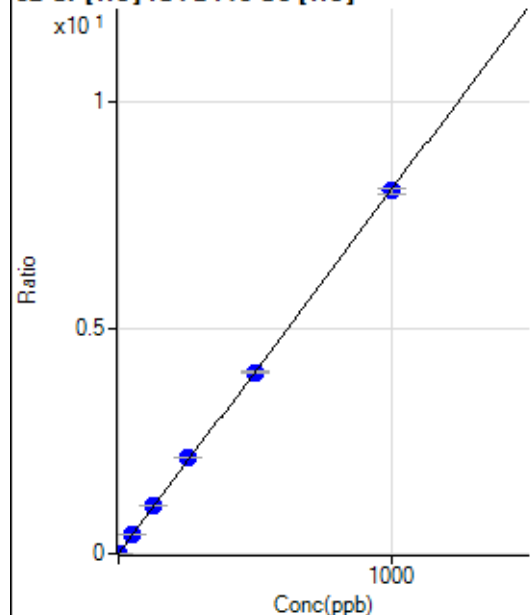
$$R = 0.9999$$

$$DL = 0.004417$$

$$BEC = 0.003166$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2217.98	0.0041	P	2.4
2	☐	0.200					
3	☐	2.000	1.918	10699.61	0.0196	P	2.0
4	☐	50.000	52.088	229924.47	0.4243	P	0.2
5	☐	125.000	132.539	570546.48	1.0732	P	0.7
6	☐	250.000	263.576	1089025.97	2.1301	P	0.6
7	☐	500.000	497.853	2068770.68	4.0197	P	1.1
8	☐	1000.000	996.633	4207551.81	8.0428	P	1.4
9	☐			29654.48	0.0578	P	3.0

$$y = 0.0081 * x + 0.0041$$

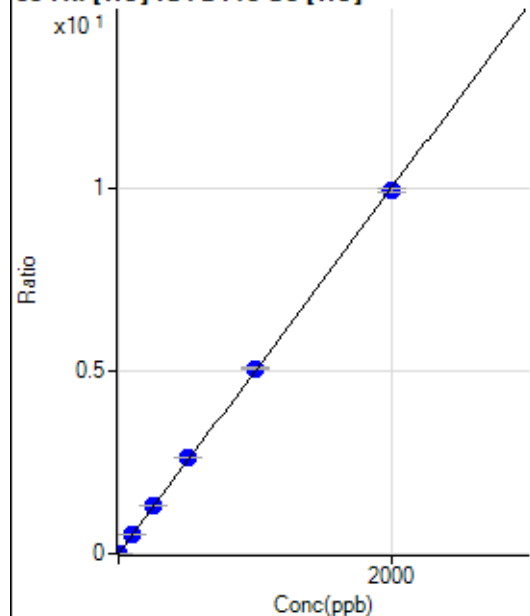
$$R = 0.9999$$

$$DL = 0.03759$$

$$BEC = 0.5125$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0001	P	39.0
2	☐	0.100					
3	☐	1.000	0.972	2709.18	0.0050	P	2.6
4	☐	100.000	105.687	287019.31	0.5296	P	0.3
5	☐	250.000	262.852	700212.89	1.3171	P	0.8
6	☐	500.000	525.249	1345481.91	2.6318	P	1.0
7	☐	1000.000	1014.491	2616011.61	5.0830	P	0.7
8	☐	2000.000	1984.551	5202035.03	9.9433	P	1.2
9	☐			21118.66	0.0411	P	3.2

$$y = 0.0050 * x + 9.5455E-005$$

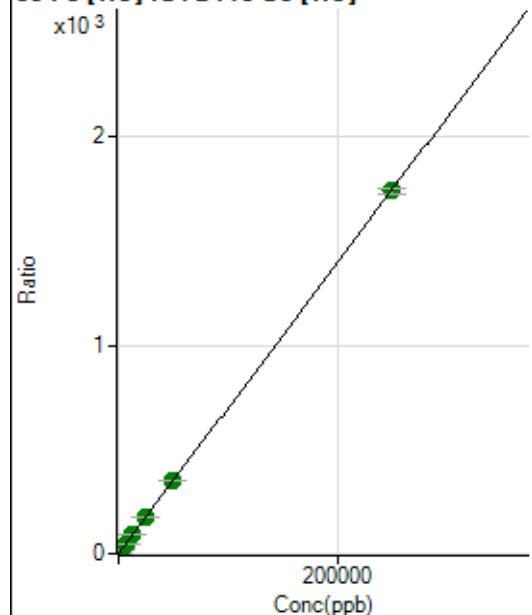
$$R = 0.9999$$

$$DL = 0.02231$$

$$BEC = 0.01905$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6770.28	0.0126	P	5.0
2	☐	5.000					
3	☐	50.000	51.524	202926.89	0.3718	P	2.1
4	☐	2500.000	2643.439	9993405.66	18.4406	A	0.9
5	☐	6250.000	6694.415	24818148.93	46.6808	A	0.2
6	☐	12500.000	13330.877	47519426.06	92.9451	A	0.9
7	☐	25000.000	25447.629	91307571.49	177.4136	A	0.3
8	☐	50000.000	50385.750	183767043.0	351.2627	A	0.7
9	☐	250000.00	249823.99	894167857.0	1,741.590	A	1.4

$$y = 0.0070 * x + 0.0126$$

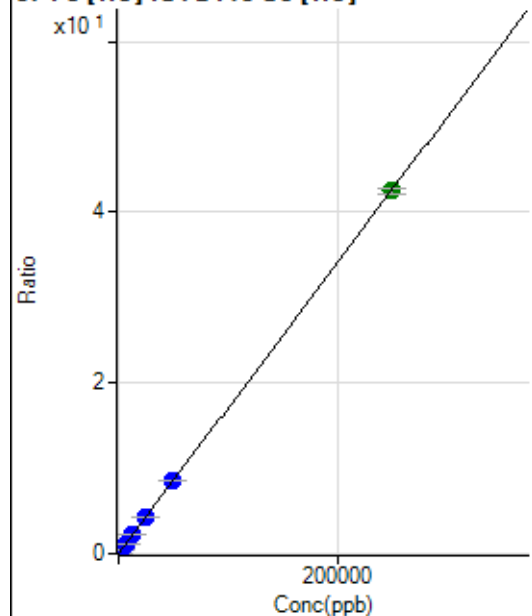
$$R = 1.0000$$

$$DL = 0.2726$$

$$BEC = 1.811$$

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	150.01	0.0003	P	16.3
2	☐	5.000					
3	☐	50.000	53.251	5097.32	0.0093	P	1.9
4	☐	2500.000	2672.736	246559.63	0.4549	P	1.2
5	☐	6250.000	6795.256	614708.01	1.1562	P	0.9
6	☐	12500.000	13364.056	1162413.34	2.2737	P	1.3
7	☐	25000.000	25358.112	2220252.21	4.3140	P	0.6
8	☐	50000.000	50626.016	4505565.90	8.6125	P	1.3
9	☐	250000.00	249780.42	21814608.59	42.4913	A	1.8

$$y = 1.7011E-004 * x + 2.7964E-004$$

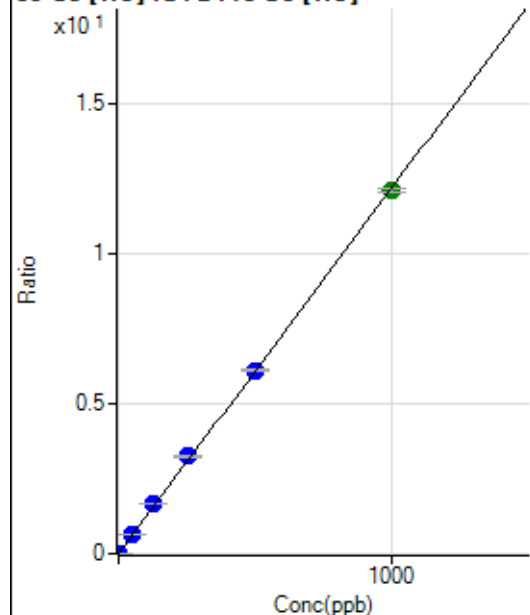
$$R = 1.0000$$

$$DL = 0.8048$$

$$BEC = 1.644$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.23	0.0002	P	11.9
2	☐	0.100					
3	☐	1.000	0.952	6421.50	0.0118	P	2.0
4	☐	50.000	53.790	355096.37	0.6553	P	0.6
5	☐	125.000	135.723	878836.04	1.6531	P	1.0
6	☐	250.000	266.975	1662398.22	3.2515	P	1.0
7	☐	500.000	502.349	3148674.43	6.1180	P	1.0
8	☐	1000.000	993.052	6326921.30	12.0940	A	1.1
9	☐			71697.53	0.1396	P	1.5

$$y = 0.0122 * x + 1.7179E-004$$

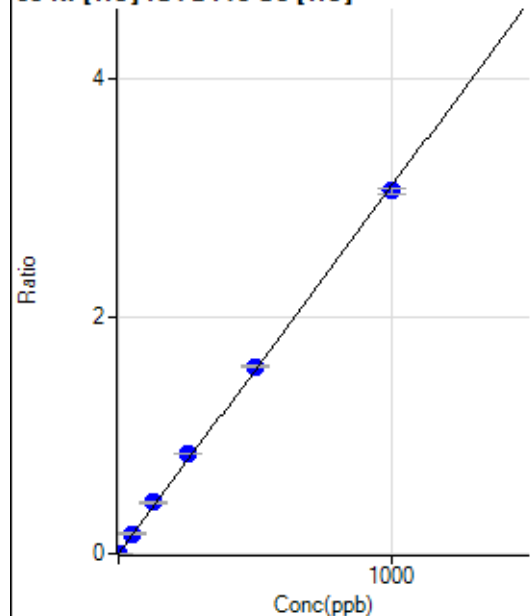
$$R = 0.9998$$

$$DL = 0.005047$$

$$BEC = 0.01411$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0002	P	17.7
2	☐	0.100					
3	☐	1.000	1.013	1820.14	0.0033	P	8.2
4	☐	50.000	54.714	92014.73	0.1698	P	0.8
5	☐	125.000	138.846	228911.93	0.4306	P	1.1
6	☐	250.000	272.941	432642.43	0.8462	P	0.8
7	☐	500.000	509.916	813571.15	1.5808	P	0.3
8	☐	1000.000	987.340	1601168.14	3.0607	P	1.3
9	☐			18734.41	0.0365	P	2.2

$$y = 0.0031 * x + 1.9454E-004$$

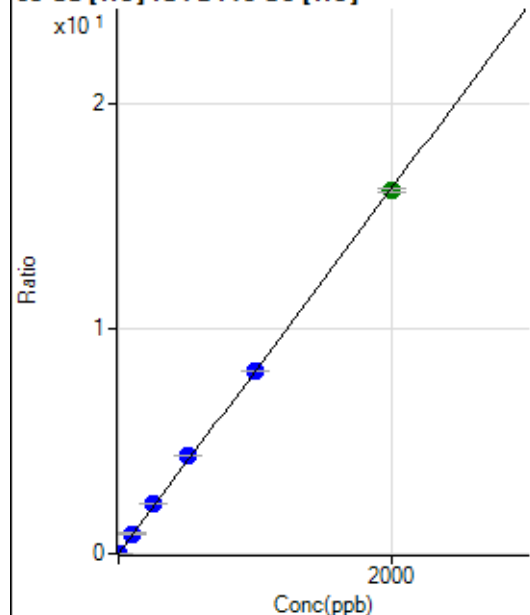
$$R = 0.9996$$

$$DL = 0.03323$$

$$BEC = 0.06276$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	633.36	0.0012	P	1.4
2	☐	0.200					
3	☐	2.000	1.988	9443.19	0.0173	P	0.2
4	☐	100.000	110.425	485981.44	0.8968	P	0.4
5	☐	250.000	277.424	1196831.29	2.2512	P	0.8
6	☐	500.000	538.748	2234487.24	4.3706	P	0.6
7	☐	1000.000	999.398	4172120.00	8.1066	P	0.8
8	☐	2000.000	1986.665	8429825.64	16.1136	A	1.1
9	☐			12733.47	0.0248	P	1.3

$$y = 0.0081 * x + 0.0012$$

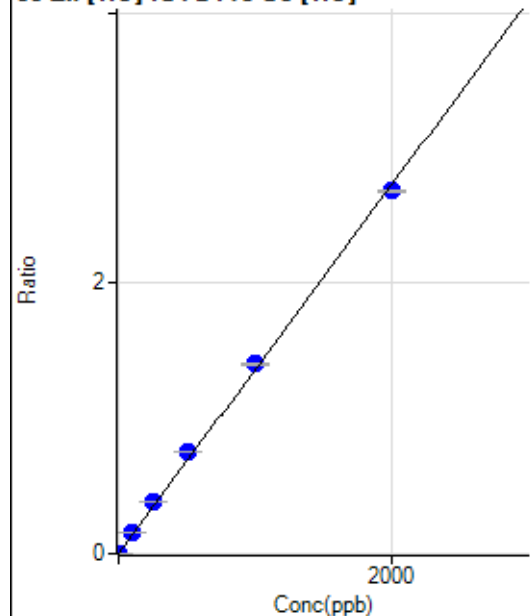
$$R = 0.9997$$

$$DL = 0.006162$$

$$BEC = 0.1456$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.11	0.0003	P	17.1
2	☐	0.200					
3	☐	2.000	2.060	1685.68	0.0031	P	3.3
4	☐	100.000	112.981	83577.46	0.1542	P	1.6
5	☐	250.000	282.031	204457.69	0.3846	P	1.6
6	☐	500.000	550.107	383369.51	0.7499	P	0.9
7	☐	1000.000	1028.385	721329.97	1.4016	P	0.6
8	☐	2000.000	1968.628	1403517.65	2.6828	P	0.8
9	☐			8479.25	0.0165	P	1.1

$$y = 0.0014 * x + 2.8181E-004$$

$$R = 0.9994$$

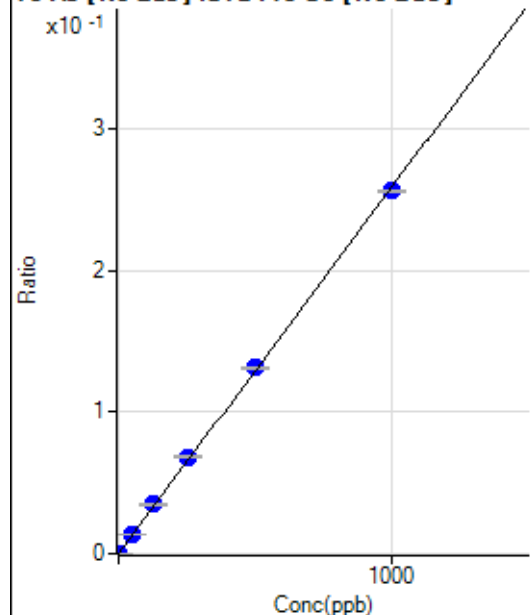
$$DL = 0.1061$$

$$BEC = 0.2068$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-915.75	-0.0001	P	-11.
2	☐	0.100					
3	☐	1.000	0.873	1573.84	0.0001	P	23.7
4	☐	50.000	52.517	147586.74	0.0135	P	2.7
5	☐	125.000	134.455	372925.82	0.0347	P	1.0
6	☐	250.000	265.045	705026.93	0.0685	P	1.6
7	☐	500.000	507.396	1337674.19	0.1313	P	1.1
8	☐	1000.000	991.233	2622975.07	0.2565	P	0.3
9	☐			2762.33	0.0003	P	15.5

$$y = 2.5885E-004 * x - 8.4024E-005$$

$$R = 0.9998$$

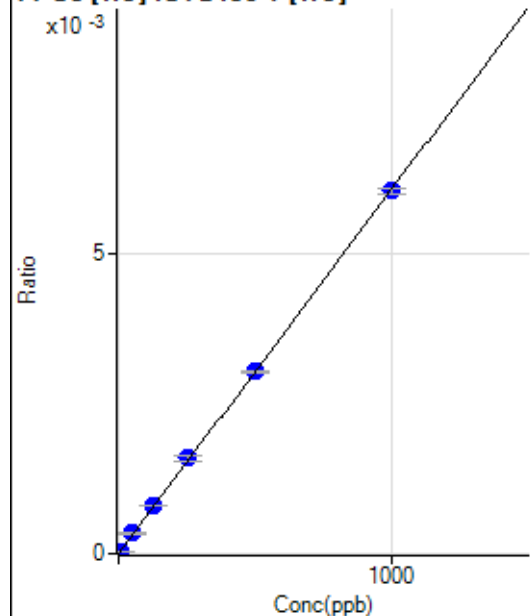
$$DL = 0.1124$$

$$BEC = -0.3246$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.151	62.22	0.0000	P	24.0
4	☐	50.000	55.831	835.59	0.0003	P	3.2
5	☐	125.000	131.716	1925.71	0.0008	P	2.4
6	☐	250.000	261.499	3757.22	0.0016	P	4.4
7	☐	500.000	499.826	7199.68	0.0030	P	1.4
8	☐	1000.000	996.085	14428.49	0.0061	P	1.9
9	☐			5.55	0.0000	P	70.3

$$y = 6.0860E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

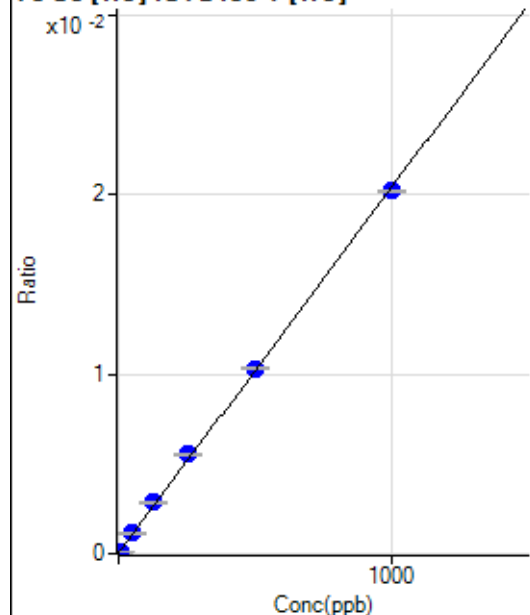
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	79.63	0.0000	P	17.2
2	☐	0.500					
3	☐	5.000	4.994	330.87	0.0001	P	6.6
4	☐	50.000	54.060	2785.48	0.0011	P	5.6
5	☐	125.000	138.843	6867.11	0.0029	P	2.2
6	☐	250.000	270.161	13060.90	0.0055	P	1.3
7	☐	500.000	504.049	24356.89	0.0103	P	0.9
8	☐	1000.000	991.002	48083.70	0.0202	P	0.2
9	☐			79.63	0.0000	P	10.4

$$y = 2.0352\text{E-}005 * x + 3.2922\text{E-}005$$

$$R = 0.9997$$

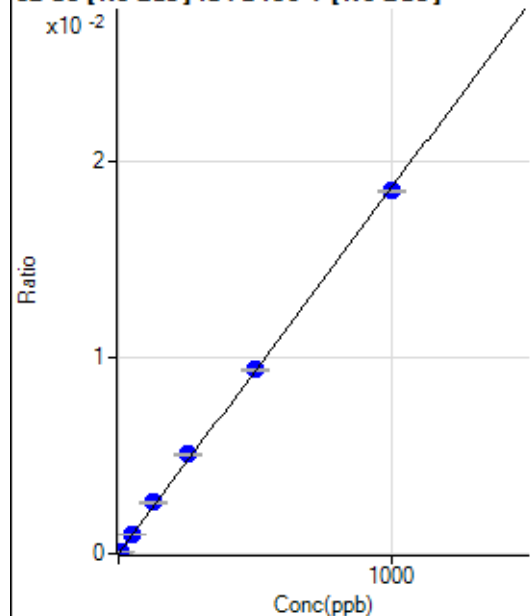
$$DL = 0.8369$$

$$BEC = 1.618$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.38	0.0000	P	77.0
2	☐	0.500					
3	☐	5.000	4.925	1481.20	0.0001	P	3.2
4	☐	50.000	53.728	15553.16	0.0010	P	1.8
5	☐	125.000	139.487	39726.85	0.0026	P	0.7
6	☐	250.000	271.506	74880.38	0.0051	P	3.1
7	☐	500.000	502.026	138299.51	0.0094	P	0.3
8	☐	1000.000	991.614	269938.08	0.0185	P	0.9
9	☐			129.34	0.0000	P	34.6

$$y = 1.8692\text{E-}005 * x + 3.4069\text{E-}006$$

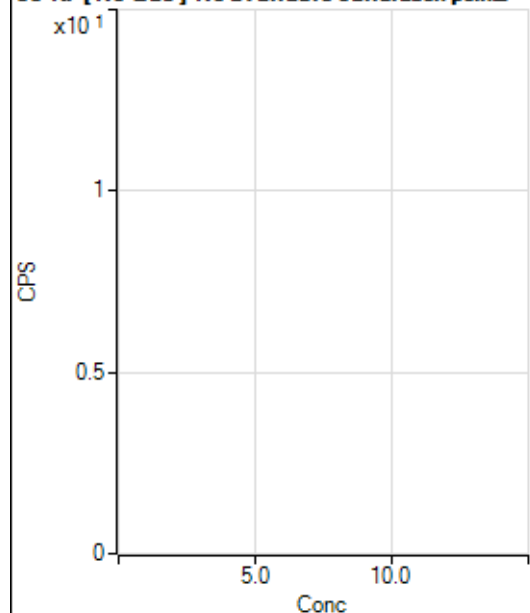
$$R = 0.9997$$

$$DL = 0.4209$$

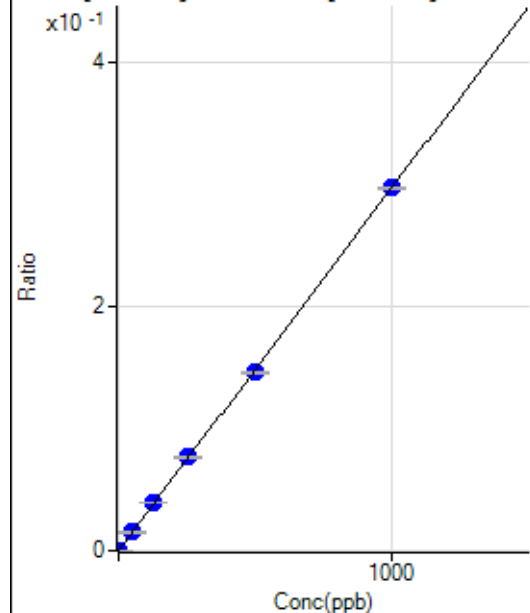
$$BEC = 0.1823$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			501.13		P	4.9
2	☐						
3	☐			544.47		P	16.2
4	☐			531.13		P	3.8
5	☐			551.13		P	5.1
6	☐			493.35		P	8.3
7	☐			511.13		P	10.2
8	☐			561.13		P	19.9
9	☐			578.91		P	9.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	861.18	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	0.786	4492.58	0.0003	P	1.5
4	☐	50.000	50.360	231812.70	0.0150	P	0.7
5	☐	125.000	131.189	593972.54	0.0390	P	1.0
6	☐	250.000	259.546	1138009.61	0.0772	P	2.2
7	☐	500.000	491.871	2153919.86	0.1462	P	0.7
8	☐	1000.000	1000.886	4330742.50	0.2974	P	0.6
9	☐			16465.55	0.0012	P	2.8

$$y = 2.9712E-004 * x + 5.6002E-005$$

$$R = 0.9999$$

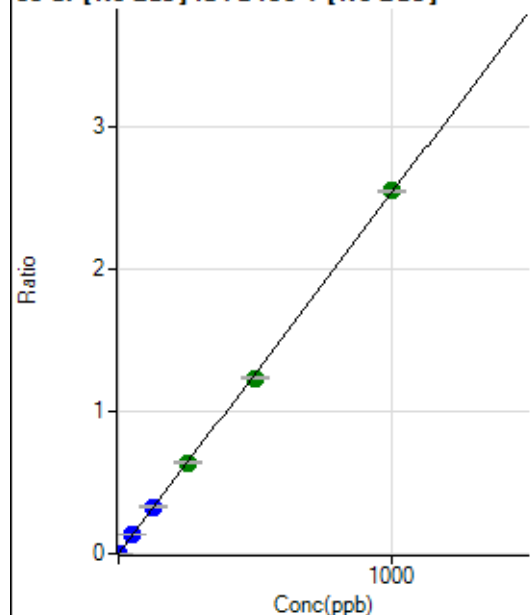
$$DL = 0.07155$$

$$BEC = 0.1885$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	46.8
2	☐	0.100					
3	☐	1.000	0.805	31819.52	0.0021	P	0.6
4	☐	50.000	50.880	1993554.12	0.1292	P	0.4
5	☐	125.000	130.123	5026058.62	0.3303	P	1.7
6	☐	250.000	251.336	9408850.12	0.6380	A	1.7
7	☐	500.000	487.296	18222577.67	1.2370	A	1.3
8	☐	1000.000	1005.334	37156570.62	2.5519	A	0.4
9	☐			137682.42	0.0099	P	1.2

$$y = 0.0025 * x + 6.6801E-006$$

$$R = 0.9999$$

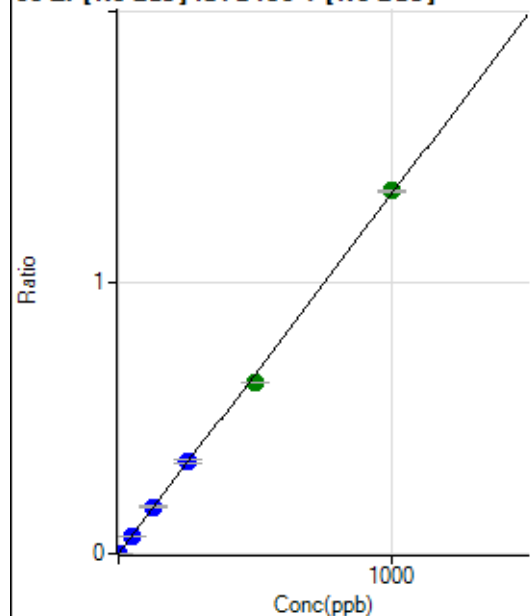
$$DL = 0.003691$$

$$BEC = 0.002632$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	977.86	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.875	18968.81	0.0012	P	1.1
4	☐	50.000	49.375	1010721.81	0.0655	P	0.2
5	☐	125.000	130.913	2640363.69	0.1735	P	1.2
6	☐	250.000	256.443	5011272.98	0.3398	P	2.6
7	☐	500.000	477.661	9324972.00	0.6330	A	0.3
8	☐	1000.000	1008.851	19463895.92	1.3368	A	0.5
9	☐			6585.12	0.0005	P	1.7

$$y = 0.0013 * x + 6.3592E-005$$

$$R = 0.9996$$

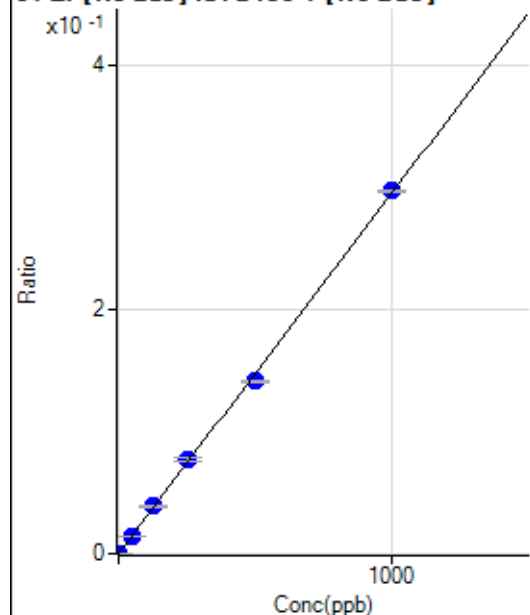
$$DL = 0.01661$$

$$BEC = 0.04799$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	6.8
2	☐	0.100					
3	☐	1.000	0.899	4320.29	0.0003	P	1.1
4	☐	50.000	49.536	225758.47	0.0146	P	1.3
5	☐	125.000	131.519	590555.11	0.0388	P	2.5
6	☐	250.000	261.657	1138382.10	0.0772	P	2.8
7	☐	500.000	478.467	2079700.61	0.1412	P	0.8
8	☐	1000.000	1007.061	4325852.57	0.2971	P	0.4
9	☐			1427.92	0.0001	P	1.9

$$y = 2.9500\text{E-}004 * x + 1.3367\text{E-}005$$

$$R = 0.9996$$

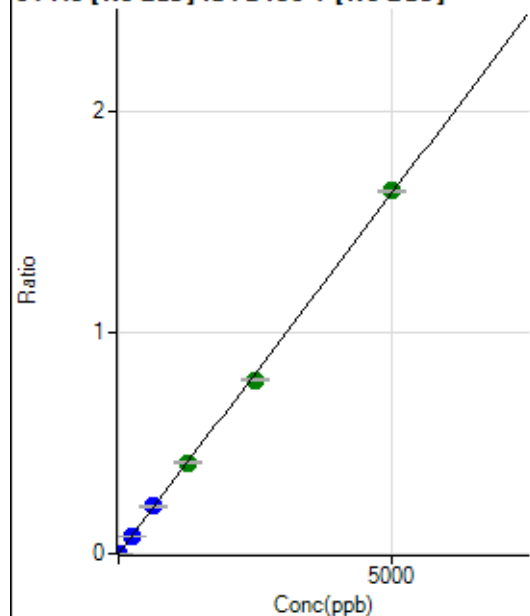
$$DL = 0.009247$$

$$BEC = 0.04531$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	436.14	0.0000	P	14.8
2	☐	0.500					
3	☐	5.000	4.466	23038.85	0.0015	P	2.8
4	☐	250.000	250.729	1262690.83	0.0818	P	1.0
5	☐	625.000	654.351	3247988.59	0.2135	P	1.8
6	☐	1250.000	1262.643	6073869.02	0.4119	A	1.8
7	☐	2500.000	2414.573	11602964.58	0.7876	A	0.5
8	☐	5000.000	5035.848	23915905.74	1.6426	A	0.9
9	☐			13584.74	0.0010	P	3.7

$$y = 3.2617\text{E-}004 * x + 2.8334\text{E-}005$$

$$R = 0.9998$$

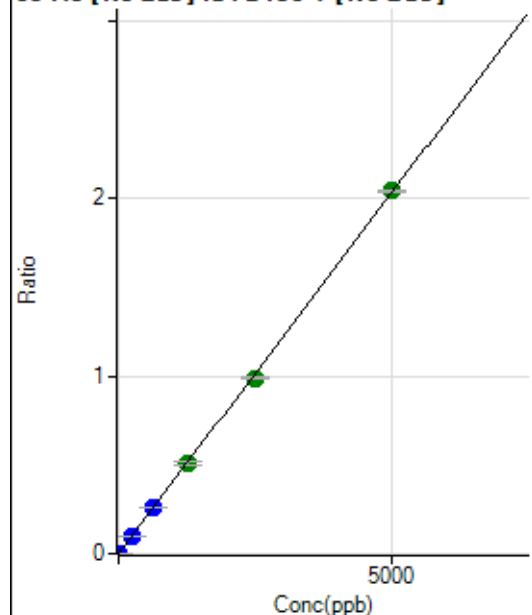
$$DL = 0.03862$$

$$BEC = 0.08687$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	27.9
2	☐	0.500					
3	☐	5.000	4.495	28507.21	0.0018	P	0.7
4	☐	250.000	250.302	1568690.68	0.1016	P	1.1
5	☐	625.000	647.499	4000216.19	0.2629	P	1.6
6	☐	1250.000	1253.080	7502148.17	0.5088	A	2.4
7	☐	2500.000	2433.863	14557285.92	0.9881	A	0.8
8	☐	5000.000	5029.472	29731279.14	2.0419	A	0.5
9	☐			19792.24	0.0014	P	6.1

$$y = 4.0599\text{E-}004 * x + 1.2628\text{E-}005$$

$$R = 0.9999$$

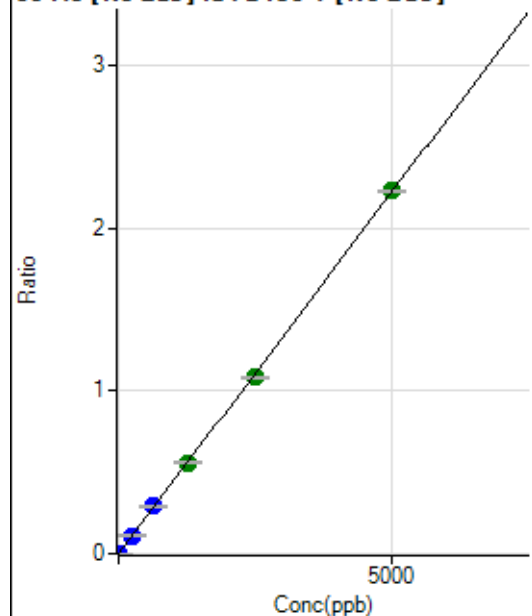
$$DL = 0.02607$$

$$BEC = 0.0311$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	283.35	0.0000	P	2.3
2	☐	0.500					
3	☐	5.000	4.561	31694.32	0.0020	P	1.7
4	☐	250.000	252.602	1730859.70	0.1121	P	0.6
5	☐	625.000	653.468	4413844.02	0.2901	P	1.7
6	☐	1250.000	1263.625	8272423.54	0.5609	A	1.3
7	☐	2500.000	2438.123	15943271.88	1.0822	A	1.1
8	☐	5000.000	5023.844	32469086.14	2.2300	A	0.7
9	☐			28000.60	0.0020	P	6.1

$$y = 4.4387\text{E-}004 * x + 1.8417\text{E-}005$$

$$R = 0.9999$$

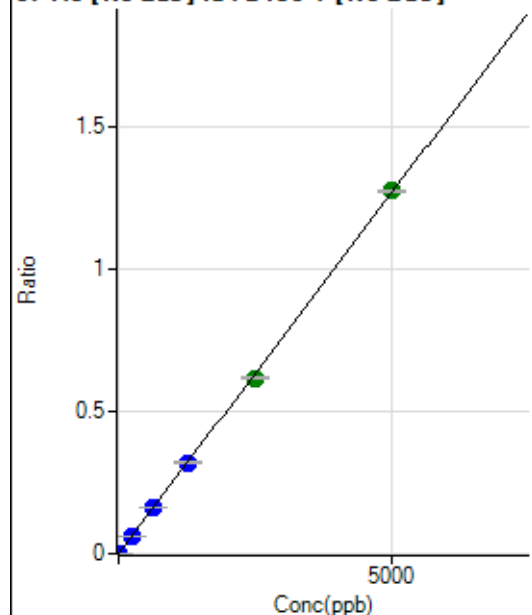
$$DL = 0.002869$$

$$BEC = 0.04149$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	37.2
2	☐	0.500					
3	☐	5.000	4.494	17772.88	0.0011	P	1.1
4	☐	250.000	250.019	977484.81	0.0633	P	0.5
5	☐	625.000	645.358	2487214.88	0.1635	P	1.6
6	☐	1250.000	1257.974	4698170.11	0.3186	P	2.8
7	☐	2500.000	2436.589	9091487.79	0.6171	A	0.9
8	☐	5000.000	5027.167	18538095.73	1.2733	A	0.6
9	☐			11855.36	0.0009	P	5.5

$$y = 2.5327\text{E-}004 * x + 7.5856\text{E-}006$$

$$R = 0.9999$$

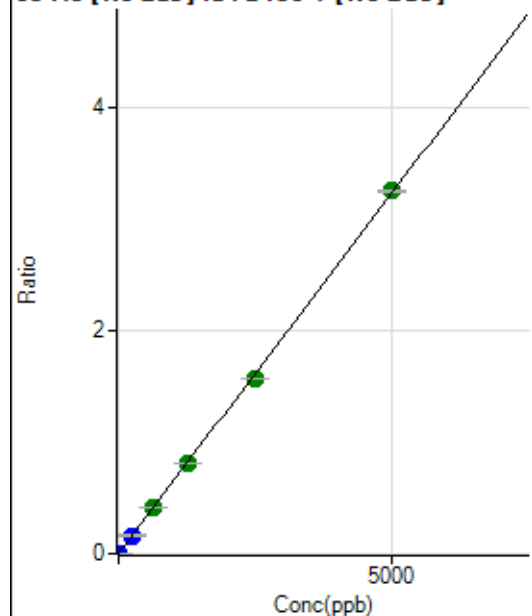
$$DL = 0.03339$$

$$BEC = 0.02995$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.91	0.0000	P	17.8
2	☐	0.500					
3	☐	5.000	4.579	46128.49	0.0030	P	1.9
4	☐	250.000	252.557	2512837.69	0.1628	P	1.3
5	☐	625.000	632.753	6206147.45	0.4079	A	0.7
6	☐	1250.000	1254.550	11925498.53	0.8086	A	1.5
7	☐	2500.000	2421.907	22997058.68	1.5610	A	0.5
8	☐	5000.000	5036.812	47265748.97	3.2464	A	0.8
9	☐			30586.75	0.0022	P	6.7

$$y = 6.4453\text{E-}004 * x + 2.2014\text{E-}005$$

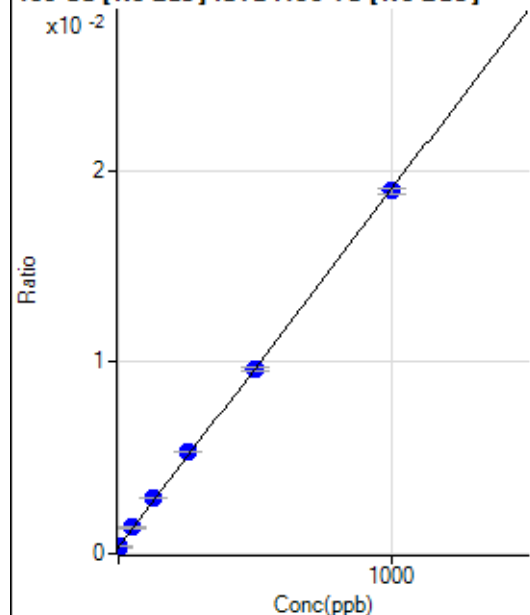
$$R = 0.9998$$

$$DL = 0.01828$$

$$BEC = 0.03416$$

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	6826.94	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	0.943	7202.16	0.0004	P	5.1
4	☐	50.000	54.528	27268.64	0.0014	P	2.2
5	☐	125.000	138.345	58814.29	0.0029	P	0.7
6	☐	250.000	268.071	105981.27	0.0054	P	0.6
7	☐	500.000	497.015	189554.72	0.0096	P	1.5
8	☐	1000.000	995.080	373940.99	0.0189	P	1.5
9	☐			6512.90	0.0004	P	5.0

$$y = 1.8674\text{E-}005 * x + 3.4511\text{E-}004$$

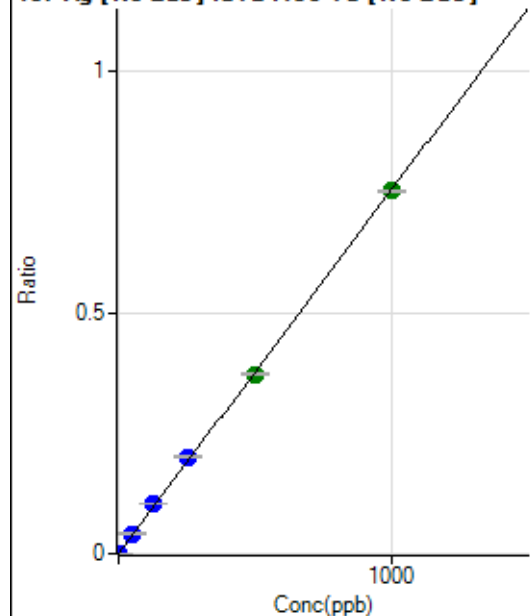
$$R = 0.9998$$

$$DL = 1.937$$

$$BEC = 18.48$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	14.8
2	☐	0.100					
3	☐	1.000	1.035	15662.05	0.0008	P	2.9
4	☐	50.000	55.452	837140.07	0.0419	P	1.0
5	☐	125.000	139.524	2114630.12	0.1053	P	0.7
6	☐	250.000	265.939	3974581.77	0.2007	P	1.5
7	☐	500.000	493.526	7334004.33	0.3724	A	0.4
8	☐	1000.000	997.164	14865859.53	0.7525	A	0.5
9	☐			1802.97	0.0001	P	1.8

$$y = 7.5463\text{E-}004 * x + 7.4478\text{E-}006$$

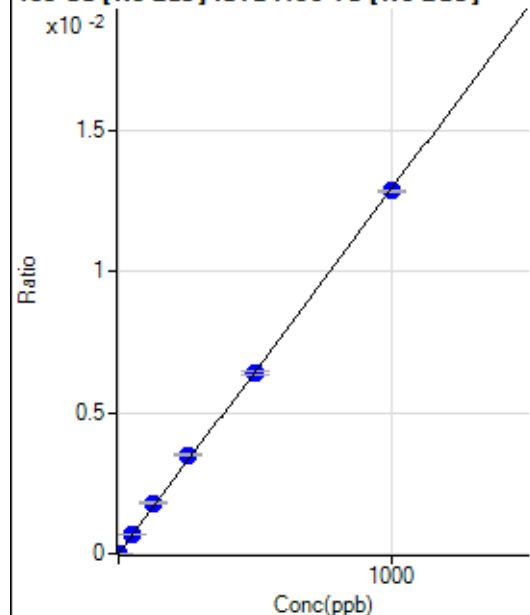
$$R = 0.9998$$

$$DL = 0.004373$$

$$BEC = 0.009869$$

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	15.28	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	1.011	275.01	0.0000	P	11.4
4	☐	50.000	54.235	14040.53	0.0007	P	2.4
5	☐	125.000	138.967	36097.60	0.0018	P	1.2
6	☐	250.000	269.823	69099.65	0.0035	P	2.2
7	☐	500.000	496.666	126460.25	0.0064	P	1.5
8	☐	1000.000	994.754	254093.00	0.0129	P	0.8
9	☐			56.94	0.0000	P	11.5

$$y = 1.2929\text{E-}005 * x + 7.7221\text{E-}007$$

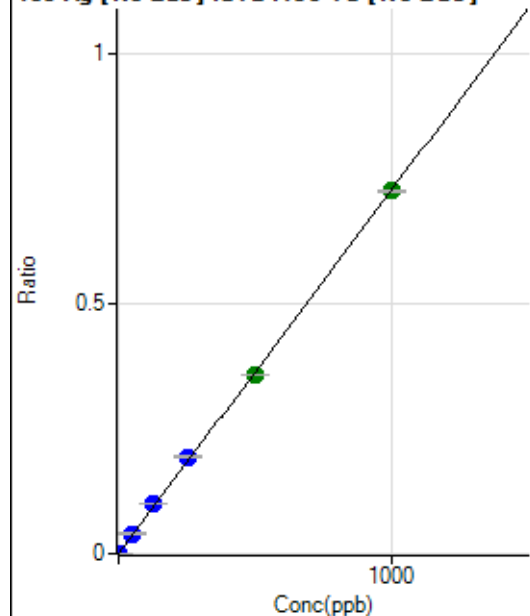
$$R = 0.9997$$

$$DL = 0.02761$$

$$BEC = 0.05973$$

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	88.90	0.0000	P	37.2
2	☐	0.100					
3	☐	1.000	1.012	14722.15	0.0007	P	3.5
4	☐	50.000	55.402	807035.60	0.0403	P	0.5
5	☐	125.000	139.092	2034169.88	0.1013	P	1.1
6	☐	250.000	266.593	3844555.55	0.1941	P	2.3
7	☐	500.000	491.530	7048370.99	0.3579	A	0.6
8	☐	1000.000	998.055	14357489.90	0.7268	A	0.9
9	☐			1572.38	0.0001	P	10.9

$$y = 7.2820\text{E-}004 * x + 4.4878\text{E-}006$$

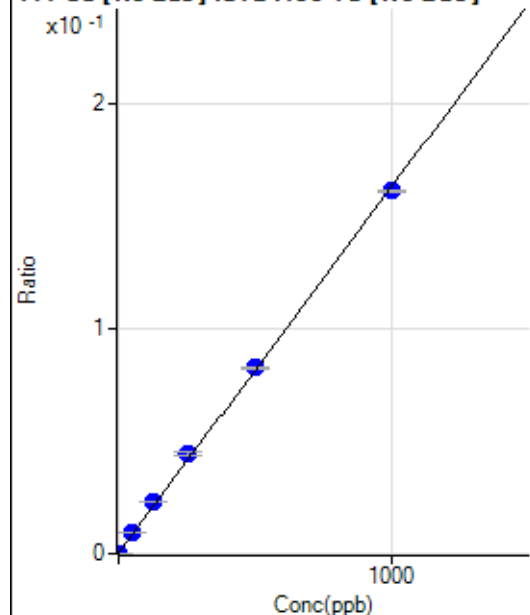
$$R = 0.9997$$

$$DL = 0.006886$$

$$BEC = 0.006163$$

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	4779.28	0.0002	P	3.5
2	☐	0.100					
3	☐	1.000	1.007	8048.04	0.0004	P	2.8
4	☐	50.000	55.142	184216.80	0.0092	P	1.5
5	☐	125.000	140.692	464380.23	0.0231	P	1.1
6	☐	250.000	271.766	880100.78	0.0444	P	2.2
7	☐	500.000	506.036	1625367.41	0.0825	P	1.5
8	☐	1000.000	989.322	3183533.07	0.1611	P	0.9
9	☐			5053.92	0.0003	P	5.5

$$y = 1.6264\text{E-}004 * x + 2.4160\text{E-}004$$

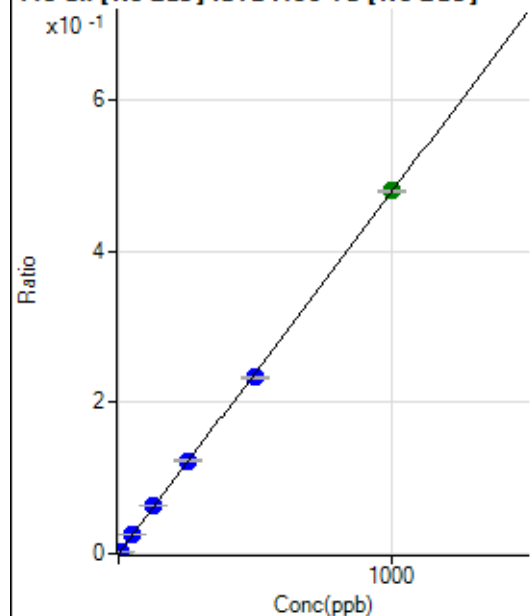
$$R = 0.9996$$

$$DL = 0.1578$$

$$BEC = 1.485$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	777.83	0.0000	P	3.8
2	☐	0.500					
3	☐	5.000	5.050	48755.12	0.0025	P	0.8
4	☐	50.000	52.165	499974.66	0.0250	P	0.9
5	☐	125.000	132.714	1275859.19	0.0635	P	1.3
6	☐	250.000	257.287	2438117.00	0.1231	P	3.4
7	☐	500.000	487.371	4592107.61	0.2332	P	1.3
8	☐	1000.000	1003.420	9484313.32	0.4801	A	0.4
9	☐			6929.75	0.0004	P	3.8

$$y = 4.7841\text{E-}004 * x + 3.9320\text{E-}005$$

$$R = 0.9998$$

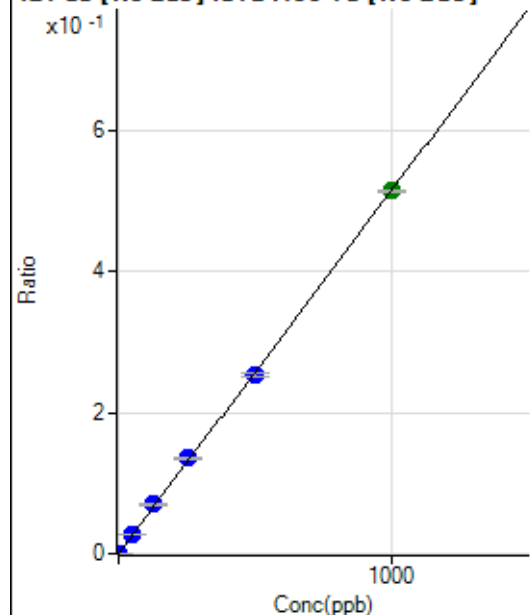
$$DL = 0.009306$$

$$BEC = 0.08219$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	25.5
2	☐	0.200					
3	☐	2.000	1.881	19288.97	0.0010	P	3.1
4	☐	50.000	52.779	544237.44	0.0272	P	0.0
5	☐	125.000	135.036	1398035.02	0.0696	P	1.0
6	☐	250.000	262.948	2684262.32	0.1356	P	2.5
7	☐	500.000	492.743	5001755.97	0.2540	P	1.5
8	☐	1000.000	998.998	10173550.92	0.5150	A	0.5
9	☐			12461.58	0.0007	P	2.9

$$y = 5.1550\text{E-}004 * x + 1.6868\text{E-}006$$

$$R = 0.9998$$

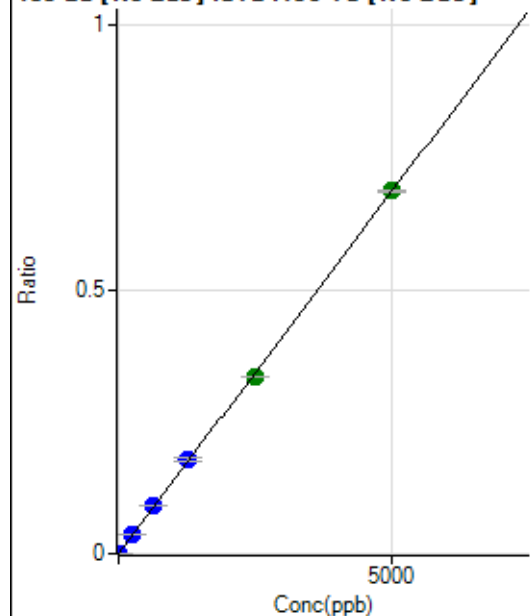
$$DL = 0.002499$$

$$BEC = 0.003272$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.5
2	☐	1.000					
3	☐	10.000	9.560	26055.84	0.0013	P	3.0
4	☐	250.000	261.057	715016.88	0.0357	P	0.8
5	☐	625.000	661.313	1818509.14	0.0906	P	1.0
6	☐	1250.000	1293.359	3506610.71	0.1771	P	3.6
7	☐	2500.000	2438.236	6574102.49	0.3339	A	0.5
8	☐	5000.000	5014.951	13564851.34	0.6867	A	0.8
9	☐			2961.57	0.0002	P	5.3

$$y = 1.3692\text{E-}004 * x + 3.2330\text{E-}006$$

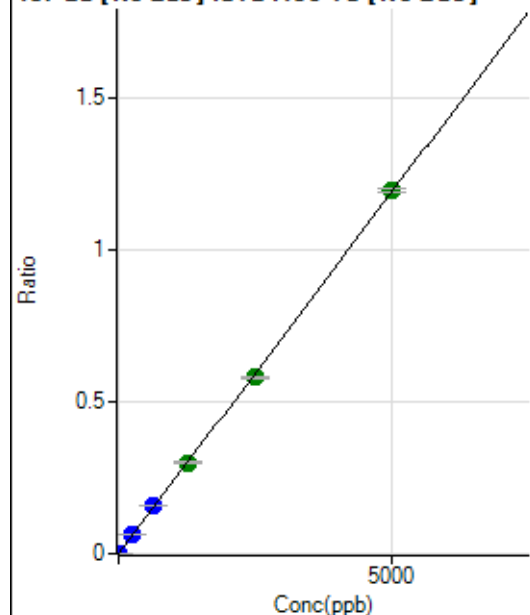
$$R = 0.9998$$

$$DL = 0.01453$$

$$BEC = 0.02361$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	17.9
2	☐	1.000					
3	☐	10.000	9.732	45957.67	0.0023	P	1.5
4	☐	250.000	257.315	1222739.37	0.0611	P	1.0
5	☐	625.000	659.193	3145006.43	0.1566	P	1.3
6	☐	1250.000	1257.977	5918543.97	0.2989	A	1.5
7	☐	2500.000	2438.228	11406076.30	0.5792	A	0.8
8	☐	5000.000	5024.252	23579438.03	1.1936	A	1.1
9	☐			5009.43	0.0003	P	1.6

$$y = 2.3756E-004 * x + 2.6673E-006$$

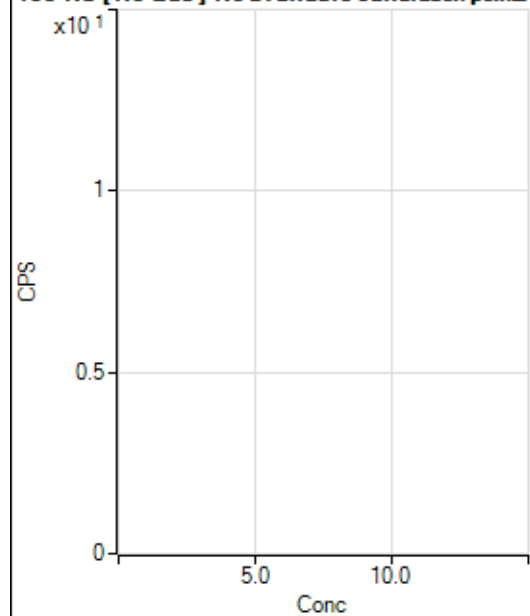
$$R = 0.9999$$

$$DL = 0.006027$$

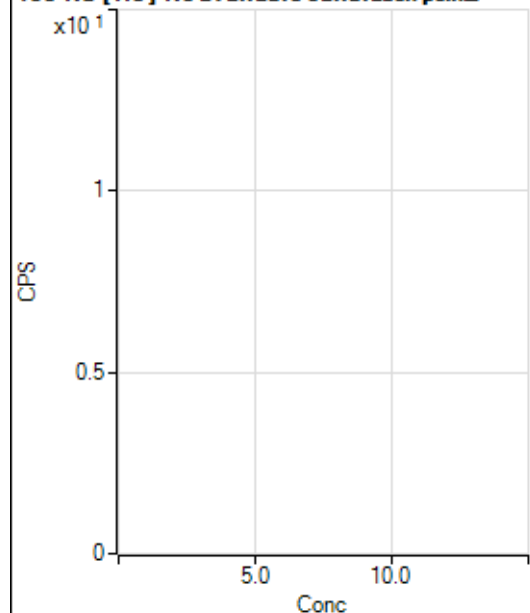
$$BEC = 0.01123$$

Weight: <None>

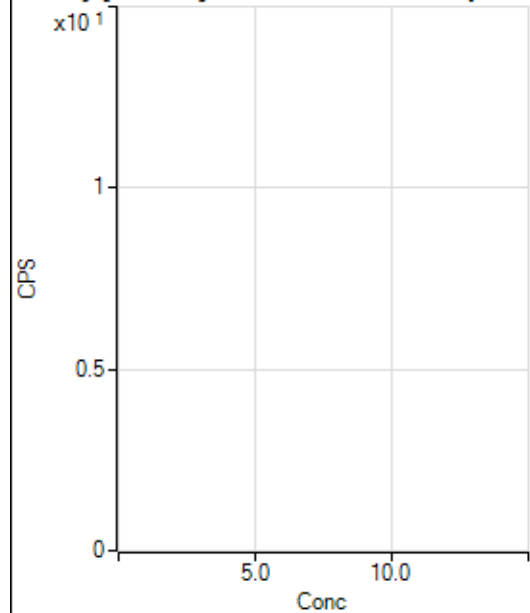
Min Conc: 0

150 Nd [No Gas] No available calibration points

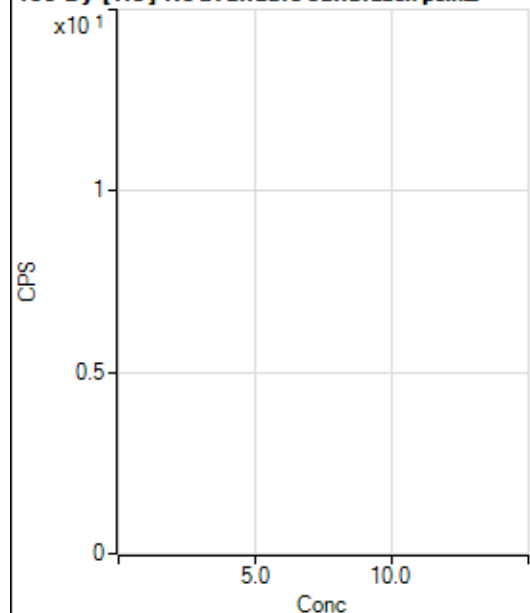
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			6.67		P	100.
4	☐			73.33		P	15.7
5	☐			188.90		P	32.0
6	☐			384.47		P	19.5
7	☐			626.70		P	1.8
8	☐			1240.10		P	6.5
9	☐			242.24		P	14.1

150 Nd [He] No available calibration points

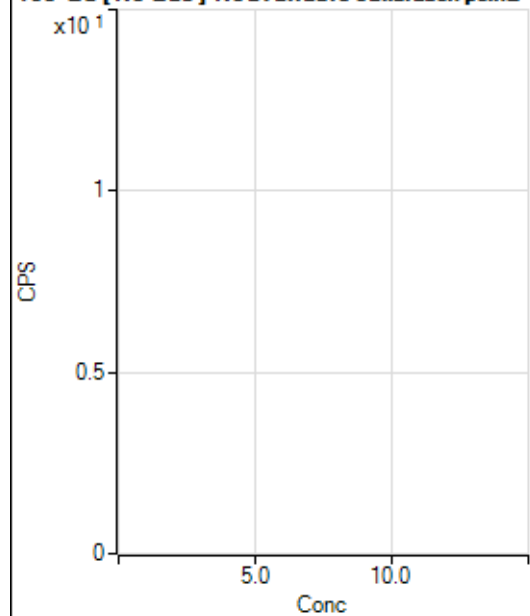
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.45		P	86.6
5	☐			26.67		P	33.1
6	☐			36.67		P	9.1
7	☐			64.45		P	10.8
8	☐			112.23		P	1.7
9	☐			96.67		P	21.5

156 Dy [No Gas] No available calibration points

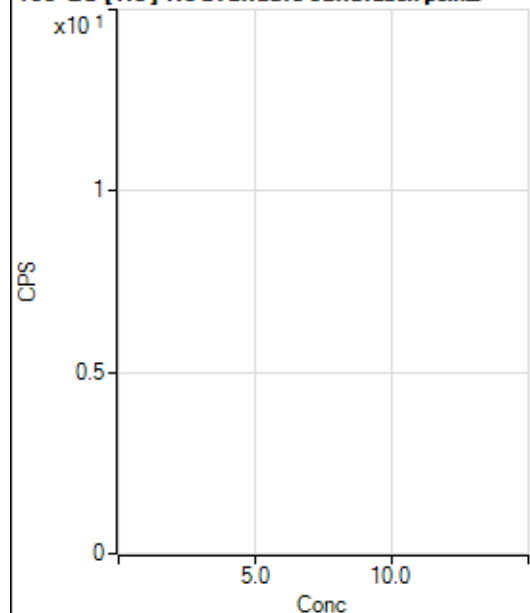
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐						
3	☐			16.67		P	132.
4	☐			41.67		P	34.7
5	☐			61.11		P	31.5
6	☐			66.67		P	33.1
7	☐			125.01		P	17.6
8	☐			247.23		P	14.0
9	☐			127.79		P	3.8

156 Dy [He] No available calibration points

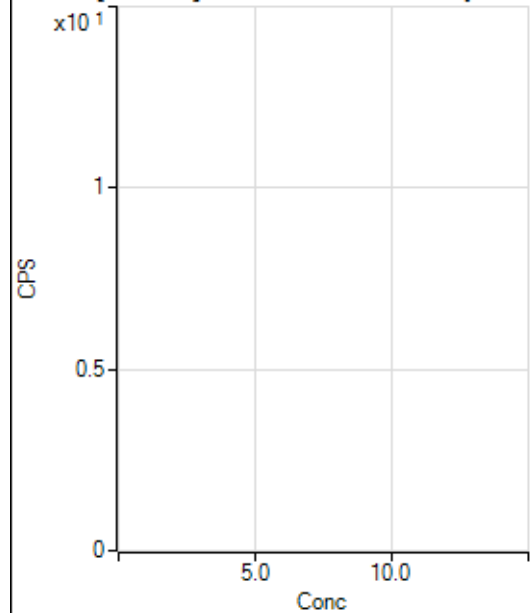
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐						
3	☐			4.44		P	43.4
4	☐			15.56		P	49.5
5	☐			34.44		P	53.3
6	☐			87.78		P	17.1
7	☐			142.23		P	13.3
8	☐			238.90		P	14.3
9	☐			81.11		P	19.0

160 Gd [No Gas] Noavailable calibration poin_

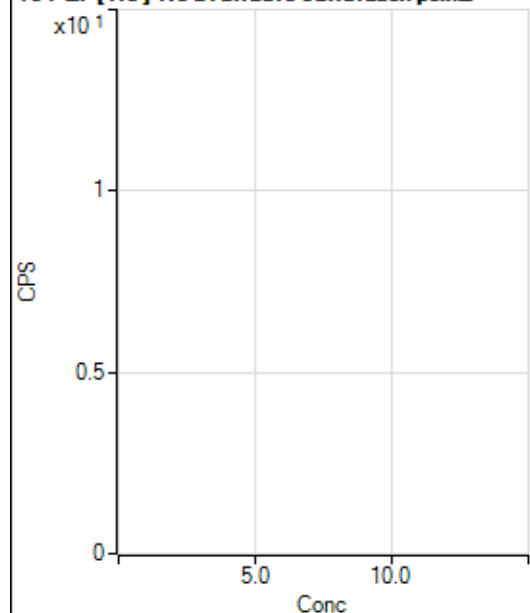
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.00		P	8.3
2	☐						
3	☐			100.00		P	33.3
4	☐			100.01		P	30.0
5	☐			102.79		P	55.2
6	☐			100.00		P	22.0
7	☐			111.12		P	15.6
8	☐			152.78		P	38.7
9	☐			191.68		P	21.7

160 Gd [He] No available calibration points

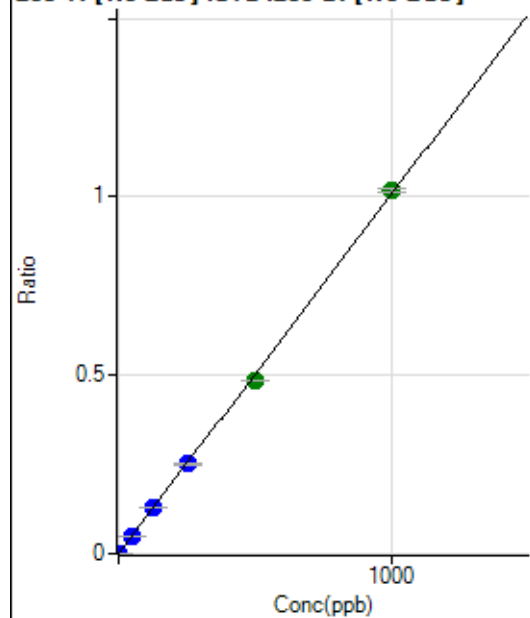
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			261.12		P	13.0
2	☐						
3	☐			241.12		P	7.6
4	☐			256.68		P	8.1
5	☐			274.45		P	9.3
6	☐			236.67		P	7.5
7	☐			247.78		P	8.8
8	☐			232.23		P	13.8
9	☐			266.67		P	11.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	45.8
2	☐						
3	☐			72.23		P	46.6
4	☐			50.00		P	60.1
5	☐			58.33		P	24.7
6	☐			77.78		P	34.4
7	☐			63.89		P	27.2
8	☐			75.00		P	48.4
9	☐			97.23		P	38.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	6.7
2	☐						
3	☐			18.89		P	27.0
4	☐			34.44		P	47.7
5	☐			31.11		P	43.3
6	☐			27.78		P	48.5
7	☐			44.45		P	8.7
8	☐			46.67		P	25.8
9	☐			45.56		P	33.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.56	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	0.853	11658.42	0.0009	P	3.8
4	☐	50.000	48.210	647923.97	0.0486	P	0.4
5	☐	125.000	127.751	1688645.33	0.1287	P	1.5
6	☐	250.000	249.932	3247224.62	0.2518	P	2.9
7	☐	500.000	481.636	6172488.68	0.4851	A	0.6
8	☐	1000.000	1008.945	12521745.24	1.0163	A	1.0
9	☐			2453.11	0.0002	P	10.8

$$y = 0.0010 * x + 1.1645E-005$$

$$R = 0.9997$$

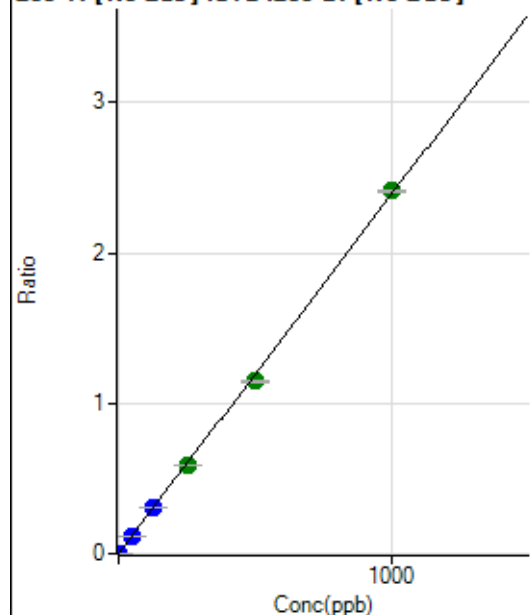
$$DL = 0.005514$$

$$BEC = 0.01156$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	366.69	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	0.886	28687.46	0.0021	P	1.7
4	☐	50.000	49.459	1575274.04	0.1181	P	0.6
5	☐	125.000	128.841	4035775.61	0.3076	P	3.1
6	☐	250.000	245.359	7556151.38	0.5857	A	1.4
7	☐	500.000	481.169	14613384.70	1.1486	A	1.2
8	☐	1000.000	1010.123	29711070.45	2.4113	A	0.4
9	☐			5946.03	0.0006	P	3.5

$$y = 0.0024 * x + 2.7454E-005$$

$$R = 0.9997$$

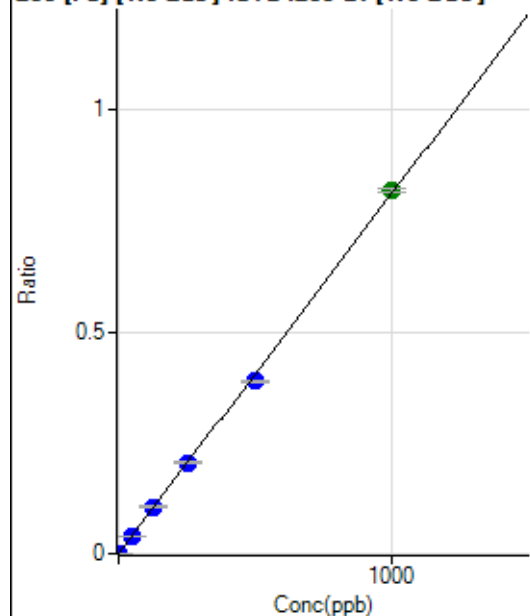
$$DL = 0.006363$$

$$BEC = 0.0115$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	838.94	0.0001	P	13.9
2	☐	0.100					
3	☐	1.000	0.874	10320.96	0.0008	P	3.4
4	☐	50.000	49.350	534588.55	0.0401	P	0.4
5	☐	125.000	129.830	1382048.89	0.1053	P	2.3
6	☐	250.000	253.456	2651585.71	0.2056	P	2.4
7	☐	500.000	480.072	4952887.03	0.3893	P	1.5
8	☐	1000.000	1008.529	10076052.77	0.8178	A	1.1
9	☐			11364.41	0.0011	P	2.9

$$y = 8.1081E-004 * x + 6.2807E-005$$

$$R = 0.9997$$

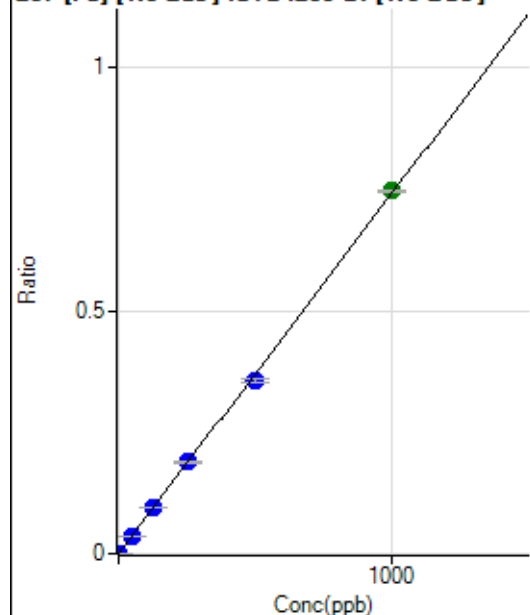
$$DL = 0.03241$$

$$BEC = 0.07746$$

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	755.60	0.0001	P	12.3
2	☐	0.100					
3	☐	1.000	0.867	9338.77	0.0007	P	0.8
4	☐	50.000	49.156	485852.14	0.0364	P	0.5
5	☐	125.000	127.955	1242827.23	0.0947	P	1.9
6	☐	250.000	254.625	2430503.64	0.1884	P	2.4
7	☐	500.000	480.122	4519587.40	0.3552	P	1.7
8	☐	1000.000	1008.456	9193280.53	0.7461	A	0.3
9	☐			9338.71	0.0009	P	1.4

$$y = 7.3979\text{E-}004 * x + 5.6616\text{E-}005$$

$$R = 0.9997$$

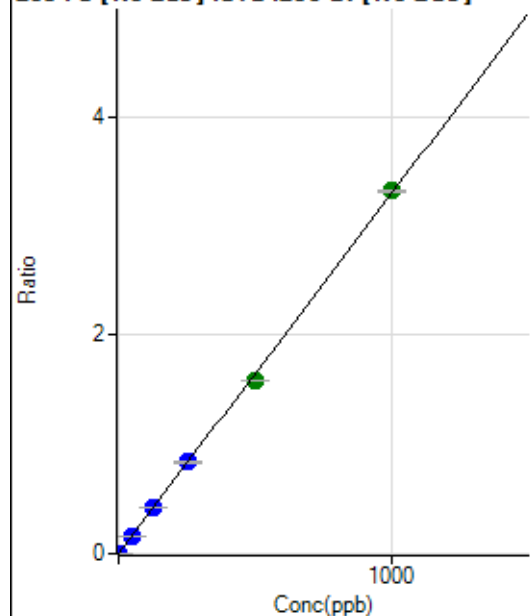
$$DL = 0.02829$$

$$BEC = 0.07653$$

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	3478.06	0.0003	P	2.2
2	☐	0.100					
3	☐	1.000	0.866	41654.29	0.0031	P	0.3
4	☐	50.000	49.380	2172569.01	0.1629	P	0.7
5	☐	125.000	128.622	5560927.11	0.4238	P	2.0
6	☐	250.000	255.281	10846148.68	0.8409	P	2.6
7	☐	500.000	481.320	20167981.85	1.5852	A	0.8
8	☐	1000.000	1007.598	40885697.90	3.3182	A	0.4
9	☐			44037.16	0.0044	P	1.1

$$y = 0.0033 * x + 2.6046\text{E-}004$$

$$R = 0.9997$$

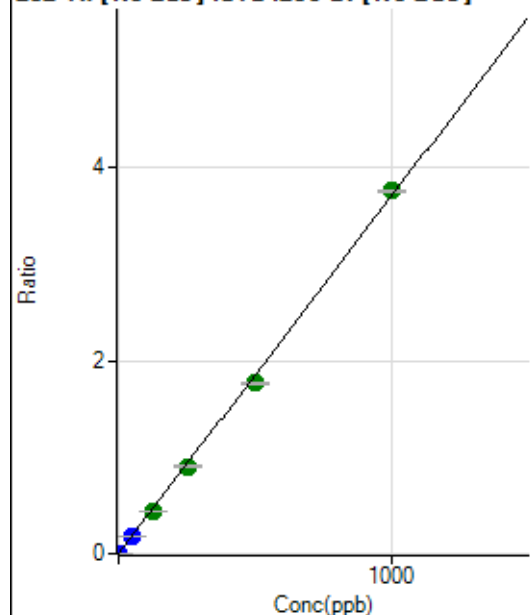
$$DL = 0.00518$$

$$BEC = 0.0791$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	131.49	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	0.795	39523.14	0.0030	P	0.7
4	☐	50.000	46.410	2291178.78	0.1718	P	0.4
5	☐	125.000	118.869	5772728.31	0.4399	A	0.2
6	☐	250.000	242.637	11583225.14	0.8979	A	1.8
7	☐	500.000	476.442	22432521.10	1.7632	A	0.3
8	☐	1000.000	1014.566	46262386.22	3.7546	A	0.7
9	☐			15570.81	0.0016	P	4.6

$$y = 0.0037 * x + 9.8509E-006$$

$$R = 0.9996$$

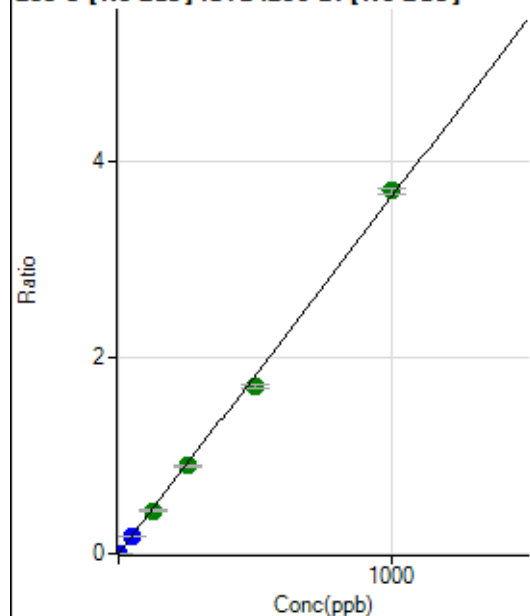
$$DL = 0.001071$$

$$BEC = 0.002662$$

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	275.02	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.824	40274.96	0.0030	P	1.4
4	☐	50.000	46.091	2231350.40	0.1673	P	0.7
5	☐	125.000	121.032	5763623.05	0.4392	A	0.8
6	☐	250.000	245.343	11485644.35	0.8903	A	1.4
7	☐	500.000	469.398	21671030.17	1.7034	A	1.3
8	☐	1000.000	1017.157	45478797.54	3.6911	A	1.3
9	☐			4695.50	0.0005	P	2.6

$$y = 0.0036 * x + 2.0576E-005$$

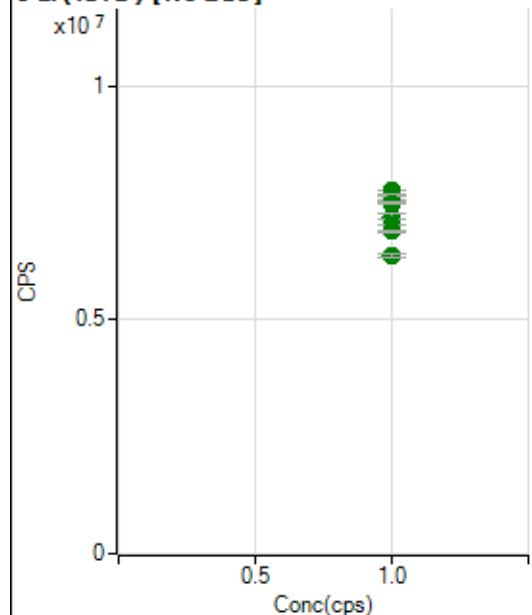
$$R = 0.9993$$

$$DL = 0.003787$$

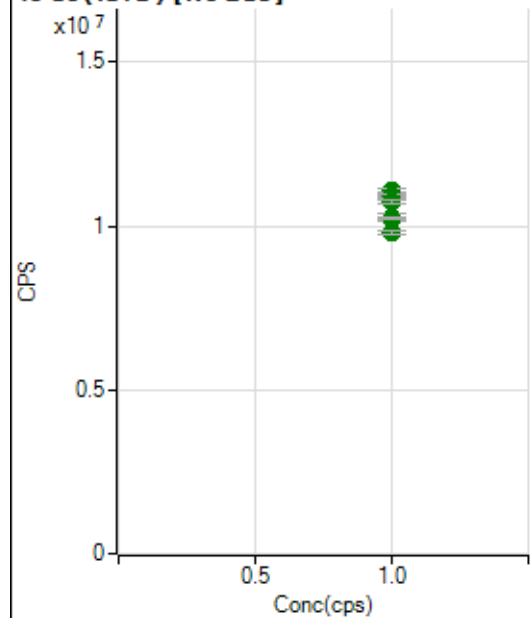
$$BEC = 0.00567$$

Weight: <None>

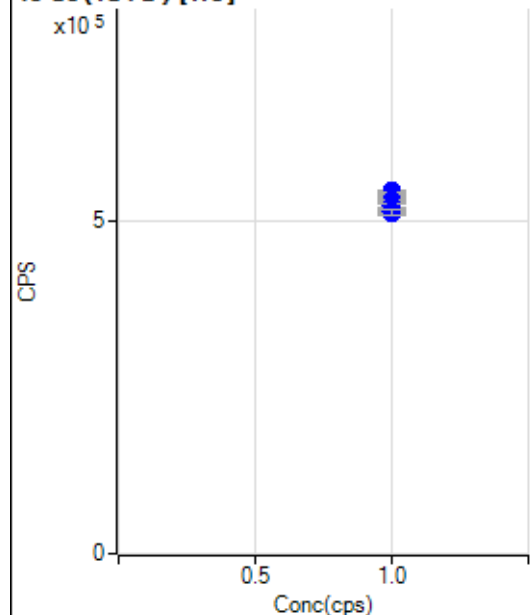
Min Conc: 0

6 Li (ISTD) [No Gas]

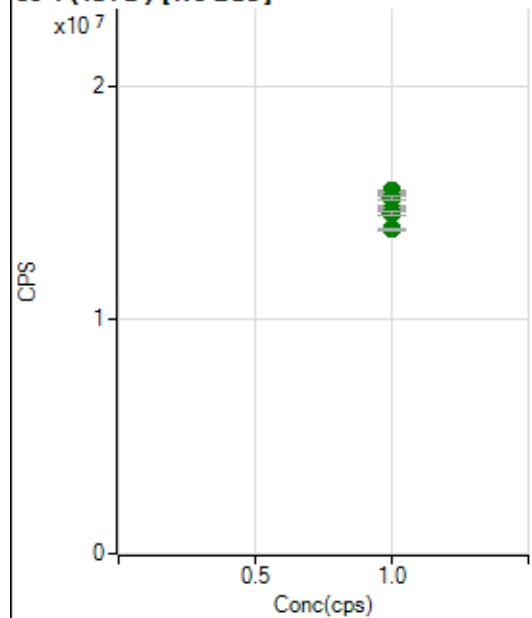
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7544140.23		A	0.2
2	☐	1.000					
3	☐	1.000		7760121.81		A	0.2
4	☐	1.000		7684572.17		A	0.4
5	☐	1.000		7502106.18		A	0.5
6	☐	1.000		7205863.65		A	1.5
7	☐	1.000		7040462.89		A	0.3
8	☐	1.000		6898736.04		A	0.6
9	☐	1.000		6387967.91		A	1.1

45 Sc (ISTD) [No Gas]

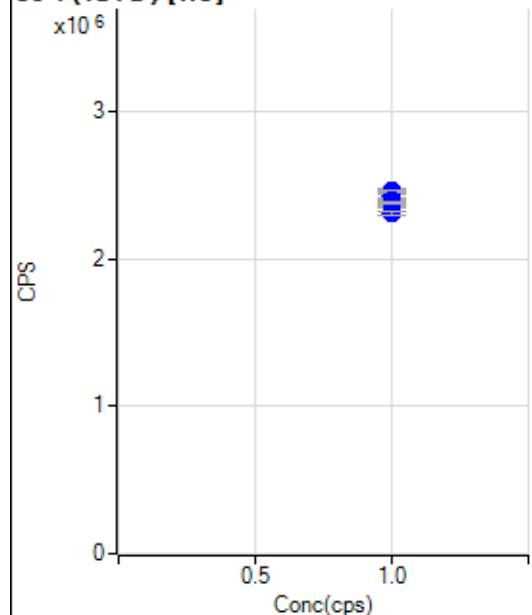
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10897055.54		A	0.2
2	☐	1.000					
3	☐	1.000		11074972.73		A	1.2
4	☐	1.000		10926807.80		A	1.4
5	☐	1.000		10741831.75		A	1.1
6	☐	1.000		10290822.80		A	1.7
7	☐	1.000		10191449.18		A	0.3
8	☐	1.000		10226048.93		A	0.6
9	☐	1.000		9804898.05		A	1.7

45 Sc (ISTD) [He]

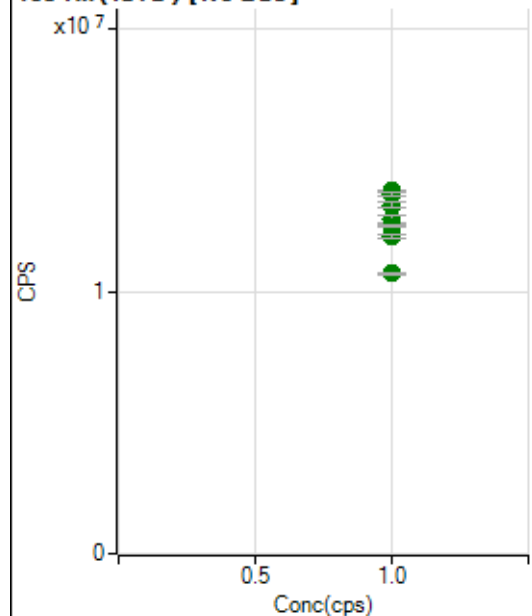
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		536531.43		P	0.8
2	☐	1.000					
3	☐	1.000		545801.85		P	0.9
4	☐	1.000		541940.83		P	0.8
5	☐	1.000		531658.82		P	0.5
6	☐	1.000		511263.29		P	0.5
7	☐	1.000		514659.50		P	0.1
8	☐	1.000		523183.63		P	1.0
9	☐	1.000		513499.45		P	1.9

89 Y (ISTD) [No Gas]

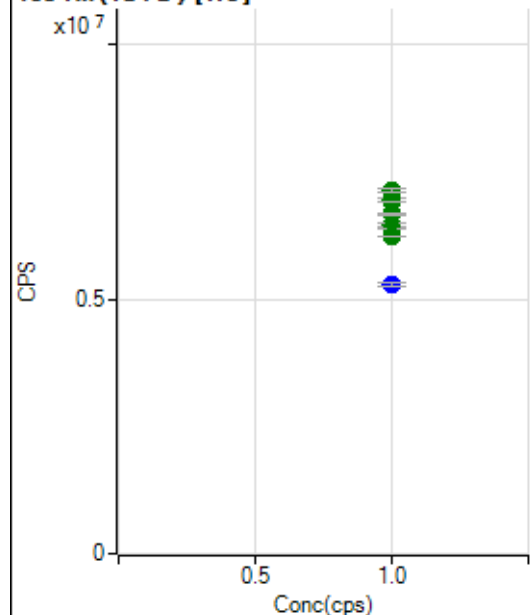
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15383504.63		A	0.6
2	☐	1.000					
3	☐	1.000		15512713.52		A	0.6
4	☐	1.000		15434529.21		A	0.2
5	☐	1.000		15217200.61		A	0.7
6	☐	1.000		14750560.34		A	1.9
7	☐	1.000		14732389.78		A	0.6
8	☐	1.000		14560011.87		A	0.8
9	☐	1.000		13854858.13		A	0.9

89 Y(ISTD) [He]

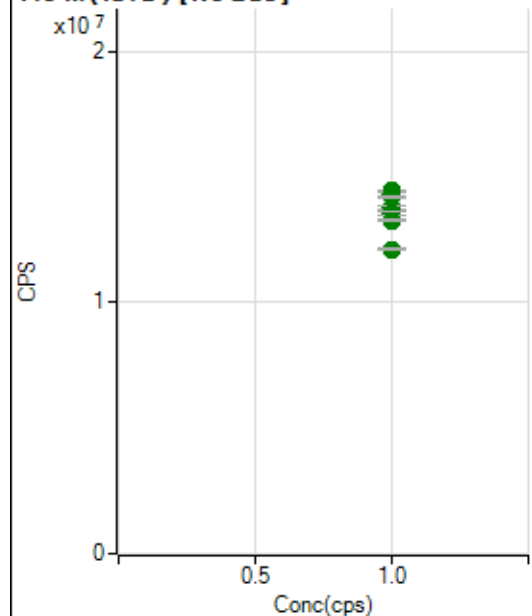
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2420417.79		P	0.9
2	☐	1.000					
3	☐	1.000		2459995.35		P	1.1
4	☐	1.000		2458675.22		P	0.9
5	☐	1.000		2402409.18		P	0.6
6	☐	1.000		2361510.24		P	1.2
7	☐	1.000		2366714.58		P	0.6
8	☐	1.000		2380152.45		P	1.0
9	☐	1.000		2306281.88		P	1.0

103 Rh(ISTD) [No Gas]

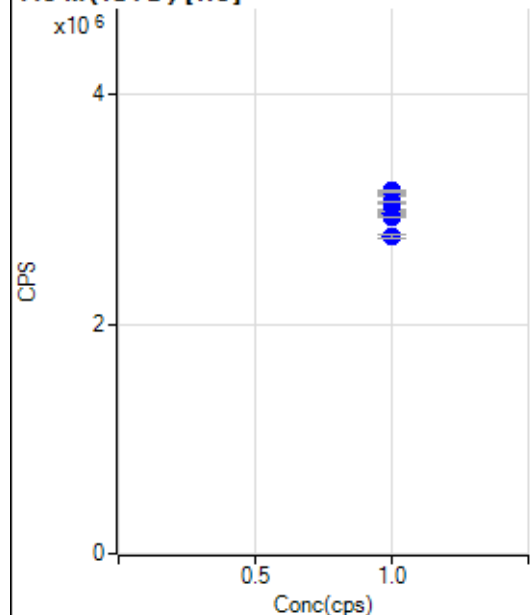
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13775305.52		A	0.3
2	☐	1.000					
3	☐	1.000		13829636.42		A	0.6
4	☐	1.000		13705685.38		A	0.6
5	☐	1.000		13303096.56		A	1.4
6	☐	1.000		12756106.36		A	1.9
7	☐	1.000		12473979.10		A	0.4
8	☐	1.000		12096853.13		A	0.7
9	☐	1.000		10673613.43		A	1.2

103 Rh (ISTD) [He]

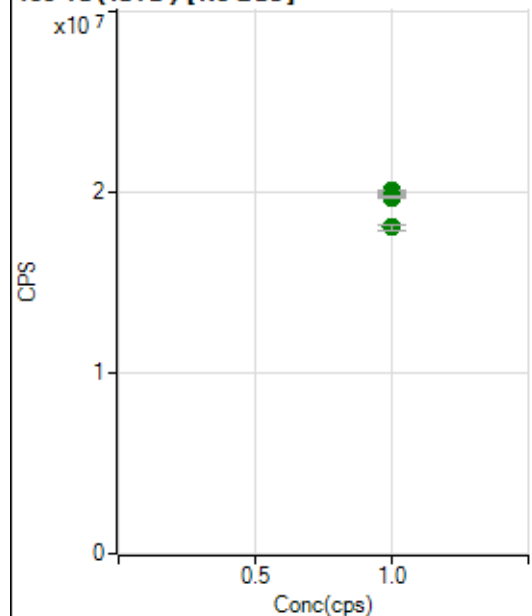
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6945755.45		A	1.4
2	☐	1.000					
3	☐	1.000		7124667.18		A	1.1
4	☐	1.000		6918456.42		A	0.3
5	☐	1.000		6676478.79		A	0.4
6	☐	1.000		6457933.31		A	1.5
7	☐	1.000		6369061.22		A	0.2
8	☐	1.000		6232962.48		A	0.4
9	☐	1.000		5295032.49		P	1.4

115 In (ISTD) [No Gas]

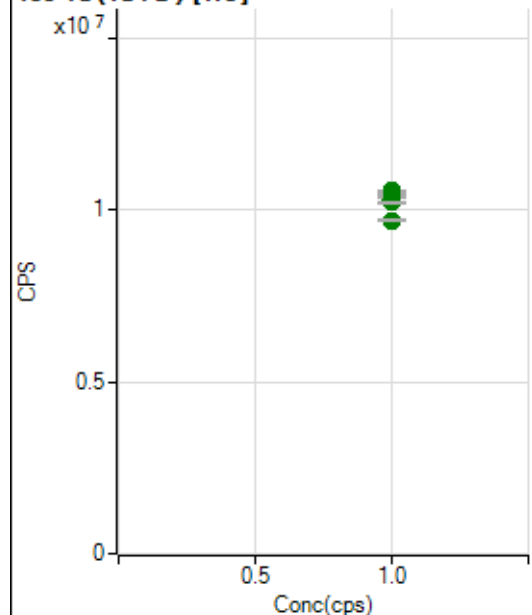
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14395158.89		A	0.4
2	☐	1.000					
3	☐	1.000		14450326.83		A	0.4
4	☐	1.000		14327940.65		A	1.4
5	☐	1.000		14209994.19		A	0.6
6	☐	1.000		13775322.57		A	1.1
7	☐	1.000		13534509.52		A	1.0
8	☐	1.000		13266998.01		A	0.4
9	☐	1.000		12120640.32		A	0.8

115 In (ISTD) [He]

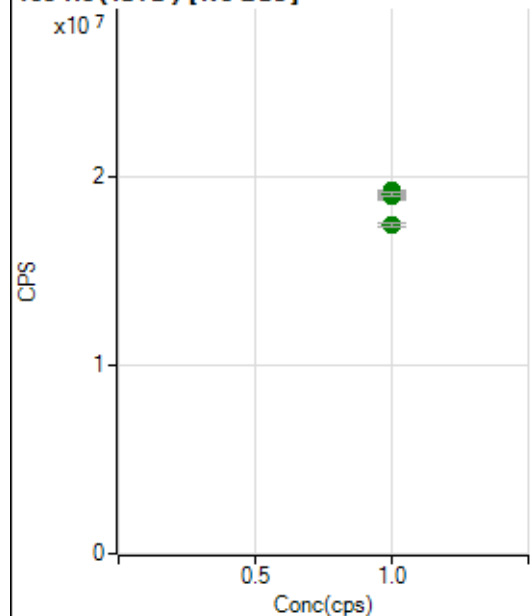
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3064157.78		P	0.6
2	☐	1.000					
3	☐	1.000		3123638.19		P	0.5
4	☐	1.000		3160764.59		P	0.3
5	☐	1.000		3062257.30		P	0.3
6	☐	1.000		2975824.75		P	1.0
7	☐	1.000		2966193.39		P	0.9
8	☐	1.000		2931116.05		P	0.3
9	☐	1.000		2769790.30		P	1.0

159 Tb (ISTD) [No Gas]

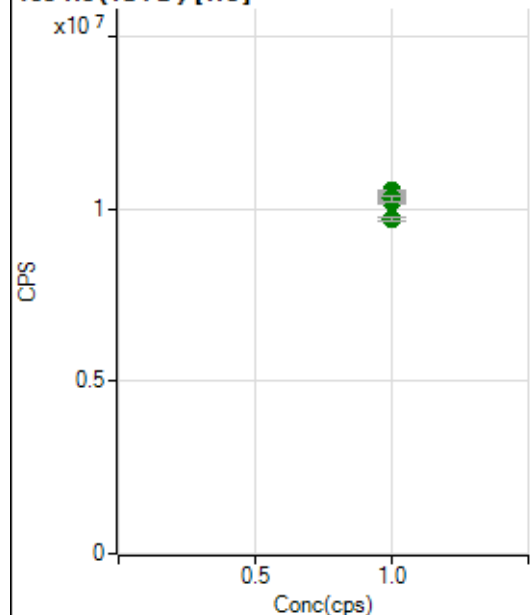
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19779668.46		A	0.7
2	☐	1.000					
3	☐	1.000		19855860.54		A	0.1
4	☐	1.000		20002107.48		A	0.4
5	☐	1.000		20083094.28		A	0.5
6	☐	1.000		19806469.84		A	1.1
7	☐	1.000		19692006.24		A	0.4
8	☐	1.000		19755573.46		A	0.8
9	☐	1.000		18074127.51		A	1.8

159 Tb (ISTD) [He]

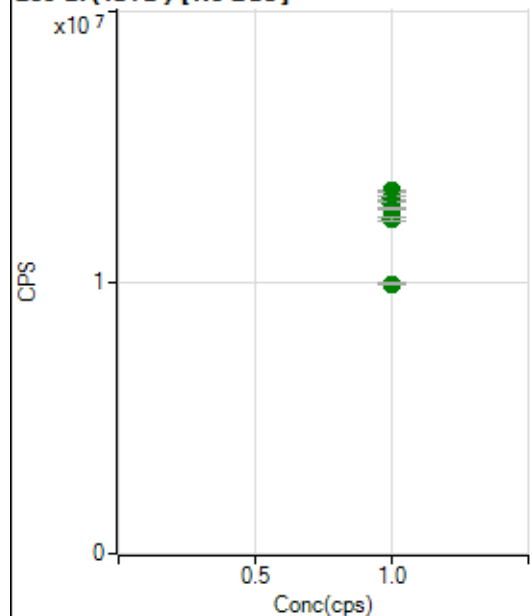
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10375178.74		A	0.3
2	☐	1.000					
3	☐	1.000		10552822.13		A	0.8
4	☐	1.000		10435359.15		A	0.1
5	☐	1.000		10409792.55		A	0.4
6	☐	1.000		10277519.99		A	0.8
7	☐	1.000		10302585.75		A	0.8
8	☐	1.000		10218112.21		A	0.6
9	☐	1.000		9693209.44		A	0.8

165 Ho (ISTD) [No Gas]

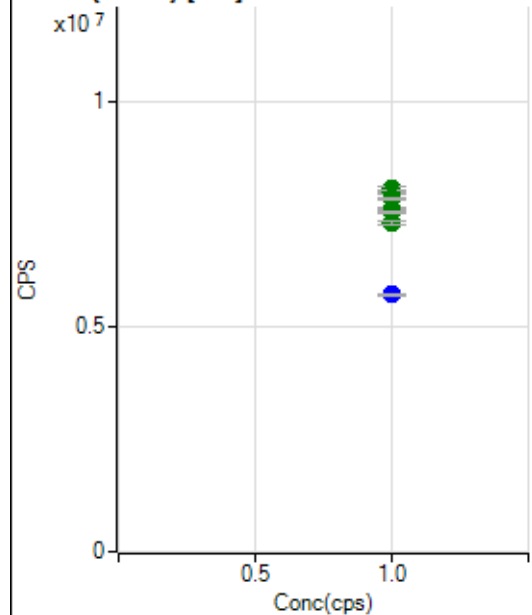
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18973293.13		A	0.8
2	☐	1.000					
3	☐	1.000		18957014.66		A	0.7
4	☐	1.000		19192689.14		A	0.4
5	☐	1.000		19266200.43		A	0.8
6	☐	1.000		18953941.05		A	1.7
7	☐	1.000		19043690.70		A	0.6
8	☐	1.000		19113880.11		A	1.1
9	☐	1.000		17484024.35		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10312114.50		A	0.9
2	☐	1.000					
3	☐	1.000		10478206.02		A	1.0
4	☐	1.000		10515178.94		A	0.8
5	☐	1.000		10325391.93		A	0.3
6	☐	1.000		10218776.58		A	1.0
7	☐	1.000		10317202.90		A	0.6
8	☐	1.000		10286515.75		A	1.3
9	☐	1.000		9720363.05		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13353121.33		A	0.7
2	☐	1.000					
3	☐	1.000		13384843.13		A	0.6
4	☐	1.000		13339331.61		A	0.2
5	☐	1.000		13122550.64		A	0.7
6	☐	1.000		12902466.48		A	1.8
7	☐	1.000		12722805.23		A	0.5
8	☐	1.000		12321873.57		A	1.1
9	☐	1.000		9941164.30		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7972766.76		A	0.6
2	☐	1.000					
3	☐	1.000		8050495.57		A	0.9
4	☐	1.000		7978702.31		A	0.6
5	☐	1.000		7833182.66		A	0.7
6	☐	1.000		7616473.22		A	0.7
7	☐	1.000		7532047.60		A	0.9
8	☐	1.000		7290558.78		A	1.1
9	☐	1.000		5701673.81		P	1.1