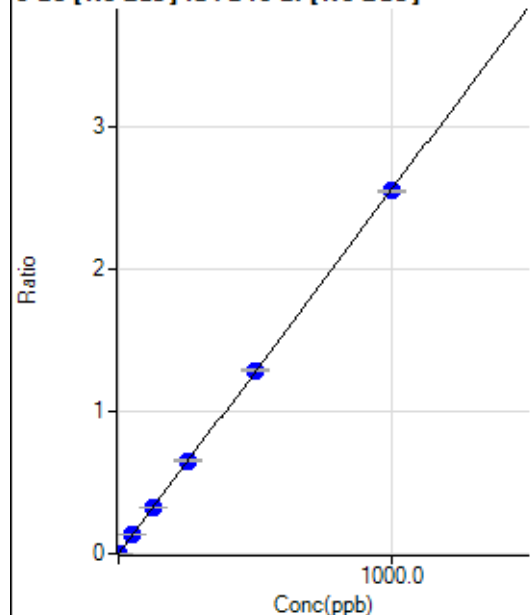


Batch Folder: D:\ICP-MS Data\P7021617.b\
Analysis File: P7021617.batch.bin
DA Date-Time: 2017-02-17 17:14:10
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2017-02-16 15:36:57
2			
3	004CALS.d	S02	2017-02-16 15:44:47
4	005CALS.d	S03	2017-02-16 15:48:40
5	006CALS.d	S04	2017-02-16 15:52:33
6	007CALS.d	S05	2017-02-16 15:56:24
7	008CALS.d	S06	2017-02-16 16:00:11
8	009CALS.d	S07	2017-02-16 16:03:55
9	010CALS.d	S08	2017-02-16 16:07:34

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.07	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.931	616.70	0.0025	P	6.4
4	☐	50.000	51.051	32379.43	0.1304	P	2.0
5	☐	125.000	127.931	80635.50	0.3266	P	0.2
6	☐	250.000	255.761	162322.91	0.6529	P	0.7
7	☐	500.000	502.433	325368.54	1.2824	P	0.9
8	☐	1000.000	996.925	631824.20	2.5445	P	0.8
9	☐			125.93	0.0005	P	13.9

$$y = 0.0026 * x + 9.9371E-005$$

$$R = 1.0000$$

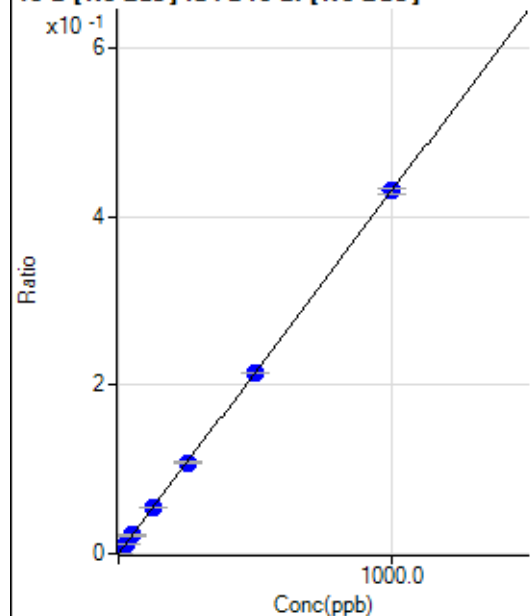
$$DL = 0.01539$$

$$BEC = 0.03894$$

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	44.45	0.0002	P	27.7
2	☐	2.500					
3	☐	25.000	27.545	2997.63	0.0120	P	2.3
4	☐	50.000	50.774	5470.67	0.0220	P	4.0
5	☐	125.000	127.466	13589.93	0.0550	P	1.7
6	☐	250.000	251.459	26952.66	0.1084	P	1.9
7	☐	500.000	497.363	54356.83	0.2142	P	0.3
8	☐	1000.000	1000.543	106970.92	0.4308	P	1.5
9	☐			2130.80	0.0089	P	12.5

$$y = 4.3037E-004 * x + 1.8326E-004$$

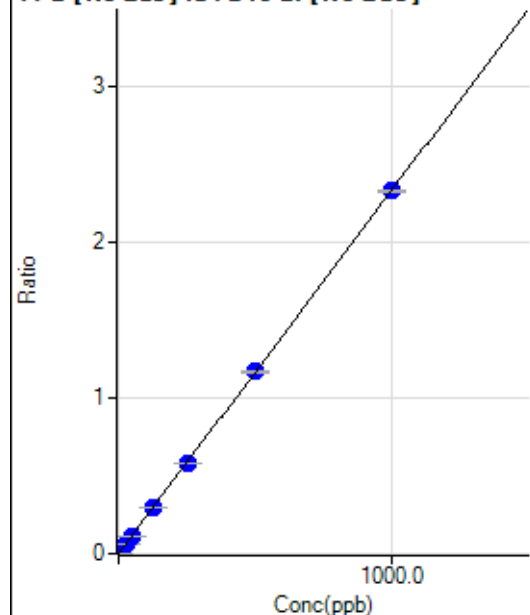
$$R = 1.0000$$

$$DL = 0.3542$$

$$BEC = 0.4258$$

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	180.56	0.0007	P	31.6
2	☐	2.500					
3	☐	25.000	26.149	15336.04	0.0616	P	5.2
4	☐	50.000	49.479	28783.72	0.1159	P	0.9
5	☐	125.000	125.639	72373.63	0.2932	P	1.8
6	☐	250.000	249.701	144674.96	0.5819	P	1.1
7	☐	500.000	501.199	296154.16	1.1672	P	1.1
8	☐	1000.000	999.393	577762.83	2.3267	P	0.4
9	☐			10590.18	0.0442	P	9.0

$$y = 0.0023 * x + 7.4319E-004$$

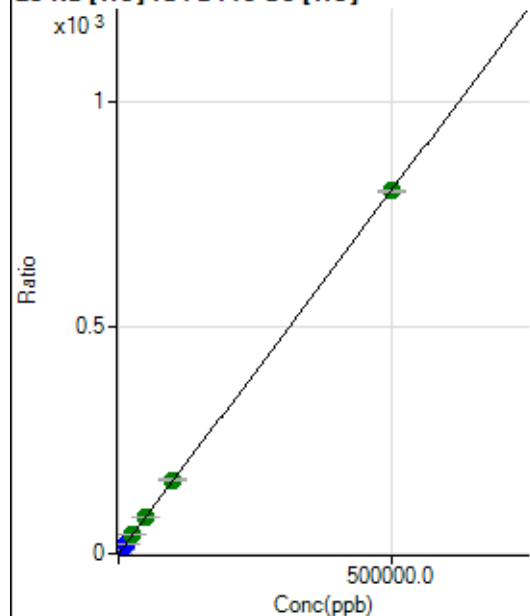
$$R = 1.0000$$

$$DL = 0.3024$$

$$BEC = 0.3193$$

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	6426.63	0.0462	P	3.3
2	☐	50.000					
3	☐	500.000	525.153	125459.62	0.8886	P	0.2
4	☐	5000.000	5386.722	1230777.09	8.6873	P	0.6
5	☐	12500.000	13377.328	3065945.81	21.5055	P	1.2
6	☐	25000.000	26107.160	5939115.80	41.9261	A	0.4
7	☐	50000.000	51346.845	12024186.90	82.4145	A	0.1
8	☐	100000.00	101351.40	23444560.59	162.6296	A	1.4
9	☐	500000.00	499513.85	110813206.6	801.3440	A	0.5

$$y = 0.0016 * x + 0.0462$$

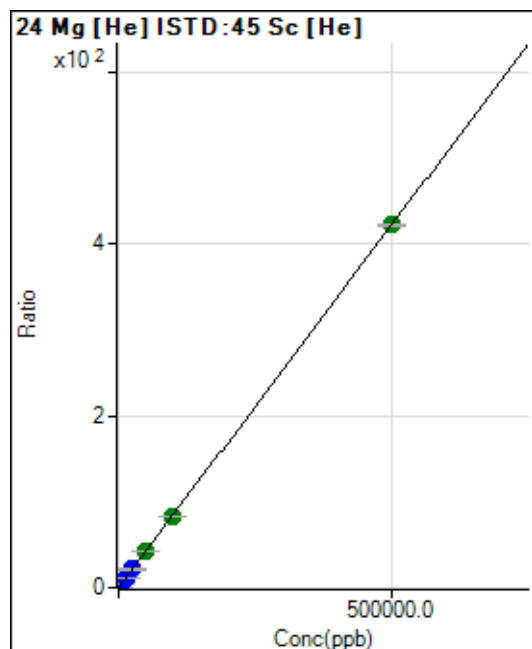
$$R = 1.0000$$

$$DL = 2.812$$

$$BEC = 28.79$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0010	P	31.1
2	☐	50.000					
3	☐	500.000	513.119	61303.90	0.4342	P	1.2
4	☐	5000.000	5175.943	619263.65	4.3710	P	0.7
5	☐	12500.000	12926.540	1556097.36	10.9147	P	0.7
6	☐	25000.000	25269.015	3022193.90	21.3353	P	0.8
7	☐	50000.000	49915.628	6148685.46	42.1442	A	0.8
8	☐	100000.00	98310.331	11965696.10	83.0033	A	1.2
9	☐	500000.00	500320.48	58412731.17	422.4156	A	0.3

$$y = 8.4429\text{E-}004 * x + 0.0010$$

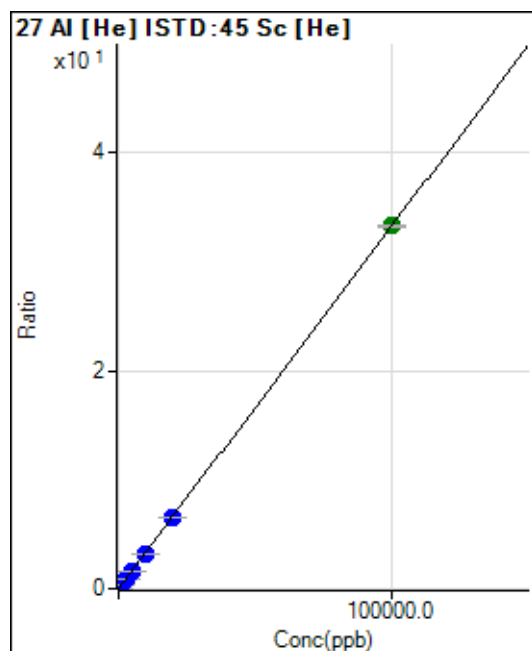
$$R = 1.0000$$

$$DL = 1.125$$

$$BEC = 1.206$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0001	P	99.8
2	☐	2.000					
3	☐	20.000	20.016	947.29	0.0067	P	4.7
4	☐	1000.000	1005.674	47350.75	0.3342	P	1.6
5	☐	2500.000	2494.423	118178.02	0.8289	P	0.5
6	☐	5000.000	4989.425	234847.13	1.6580	P	1.2
7	☐	10000.000	9721.082	471269.85	3.2302	P	1.3
8	☐	20000.000	19441.416	931357.46	6.4601	P	0.0
9	☐	100000.00	100140.22	4601428.88	33.2749	A	0.5

$$y = 3.3228\text{E-}004 * x + 5.9694\text{E-}005$$

$$R = 1.0000$$

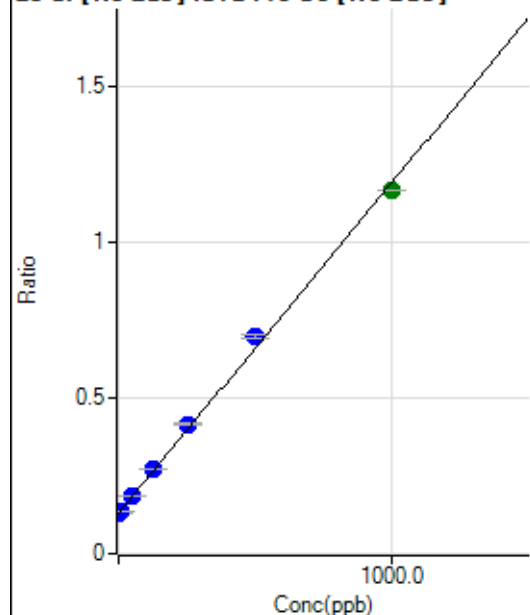
$$DL = 0.5381$$

$$BEC = 0.1796$$

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	422990.27	0.1300	P	0.4
2	☐	1.000					
3	☐	10.000	3.553	444045.81	0.1338	P	0.7
4	☐	50.000	51.278	612728.06	0.1843	P	0.8
5	☐	125.000	133.327	905345.30	0.2711	P	0.5
6	☐	250.000	269.584	1388938.30	0.4153	P	1.0
7	☐	500.000	535.853	2360433.84	0.6972	P	1.5
8	☐	1000.000	976.137	3896151.39	1.1632	A	0.1
9	☐			463593.44	0.1445	P	0.8

$$y = 0.0011 * x + 0.1300$$

$$R = 0.9987$$

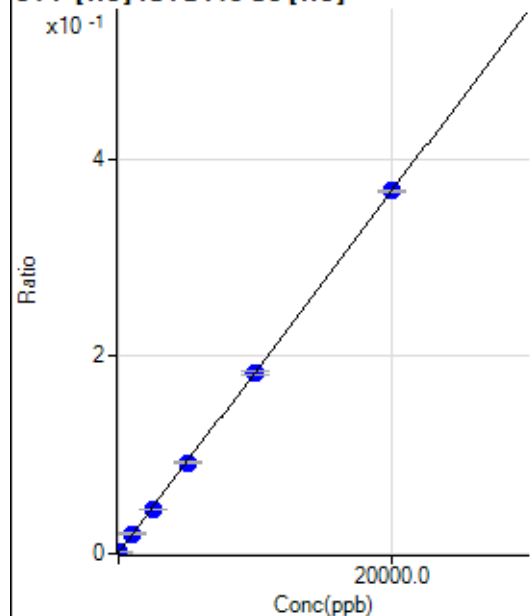
$$DL = 1.649$$

$$BEC = 122.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.211	105.56	0.0008	P	4.2
2	☐	0.000					
3	☐	0.000	7.211	144.45	0.0010	P	8.2
4	☐	1000.000	1052.067	2858.71	0.0202	P	5.1
5	☐	2500.000	2418.684	6448.85	0.0452	P	0.9
6	☐	5000.000	4957.884	13000.59	0.0918	P	2.2
7	☐	10000.000	9976.404	26813.59	0.1838	P	2.0
8	☐	20000.000	20029.888	53070.08	0.3681	P	0.3
9	☐			91.67	0.0007	P	47.8

$$y = 1.8333E-005 * x + 8.9062E-004$$

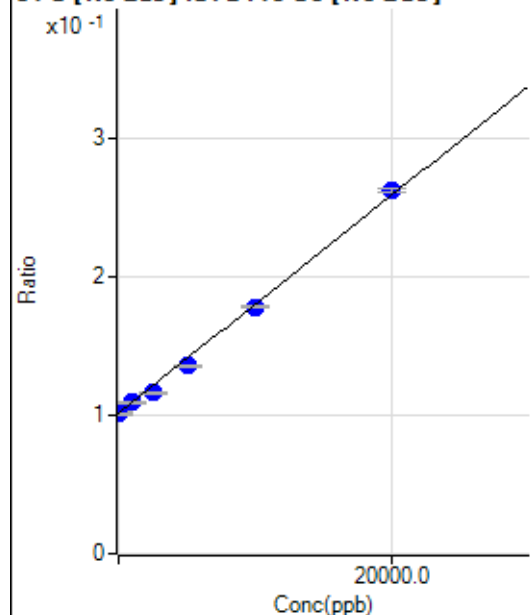
$$R = 1.0000$$

$$DL = 9.484$$

$$BEC = 48.58$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	107.479	332906.37	0.1023	P	0.3
2	☐	0.000					
3	☐	0.000	-107.479	334042.91	0.1006	P	0.2
4	☐	1000.000	954.904	362336.14	0.1090	P	0.7
5	☐	2500.000	1875.090	388023.71	0.1162	P	0.8
6	☐	5000.000	4310.987	452599.85	0.1353	P	0.6
7	☐	10000.000	9738.786	602664.47	0.1780	P	0.8
8	☐	20000.000	20383.229	876313.01	0.2616	P	1.1
9	☐			332854.48	0.1038	P	0.9

$$y = 7.8577\text{E-}006 * x + 0.1015$$

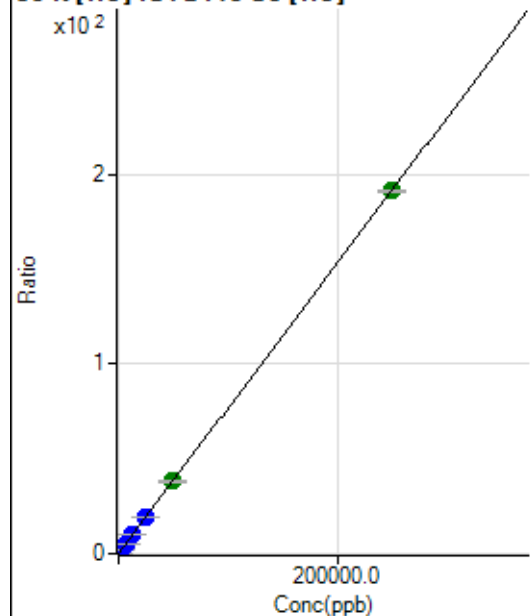
$$R = 0.9989$$

$$DL = 102.3$$

$$BEC = 1.291\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16540.41	0.1189	P	3.2
2	☐	50.000					
3	☐	500.000	496.393	70306.22	0.4979	P	0.7
4	☐	2500.000	2583.786	296391.63	2.0920	P	0.8
5	☐	6250.000	6436.935	717770.95	5.0346	P	1.0
6	☐	12500.000	12825.927	1404322.08	9.9137	P	0.7
7	☐	25000.000	24945.581	2796795.20	19.1692	P	0.2
8	☐	50000.000	49649.488	5483171.56	38.0351	A	1.1
9	☐	250000.00	250053.74	26422539.48	191.0793	A	0.8

$$y = 7.6368\text{E-}004 * x + 0.1189$$

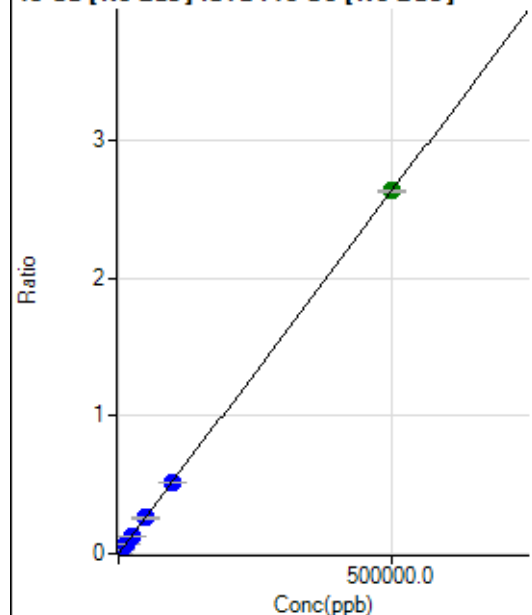
$$R = 1.0000$$

$$DL = 14.74$$

$$BEC = 155.6$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	20.6
2	☐	50.000					
3	☐	500.000	475.885	8447.18	0.0025	P	3.0
4	☐	5000.000	4917.305	86259.15	0.0259	P	1.8
5	☐	12500.000	12323.746	216915.28	0.0650	P	0.6
6	☐	25000.000	24681.586	434940.96	0.1301	P	0.3
7	☐	50000.000	49201.873	877751.47	0.2592	P	0.8
8	☐	100000.00	97762.721	1725148.37	0.5150	P	0.3
9	☐	500000.00	500548.44	8459842.29	2.6369	A	0.9

$$y = 5.2679\text{E-}006 * x + 3.7553\text{E-}005$$

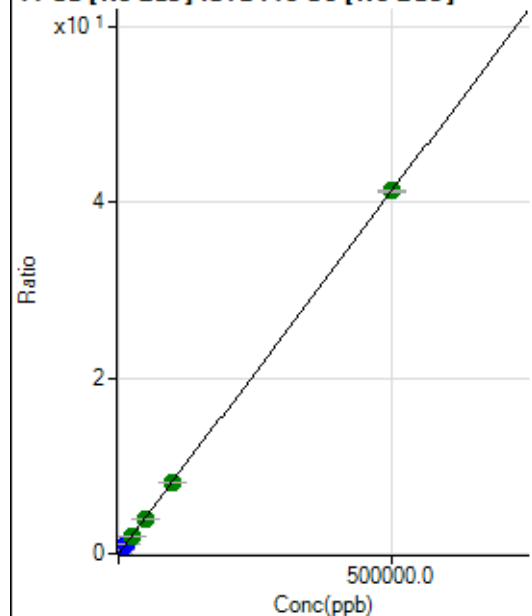
$$R = 1.0000$$

$$DL = 4.395$$

$$BEC = 7.129$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7213.21	0.0022	P	2.2
2	☐	50.000					
3	☐	500.000	493.543	142432.41	0.0429	P	0.7
4	☐	5000.000	5025.535	1385010.65	0.4165	P	0.4
5	☐	12500.000	12420.505	3426642.96	1.0261	P	0.1
6	☐	25000.000	24662.631	6806642.34	2.0354	A	1.0
7	☐	50000.000	48785.142	13625189.19	4.0240	A	1.0
8	☐	100000.00	97427.507	26909744.35	8.0340	A	0.9
9	☐	500000.00	500654.59	132427379.3	41.2755	A	0.7

$$y = 8.2439\text{E-}005 * x + 0.0022$$

$$R = 1.0000$$

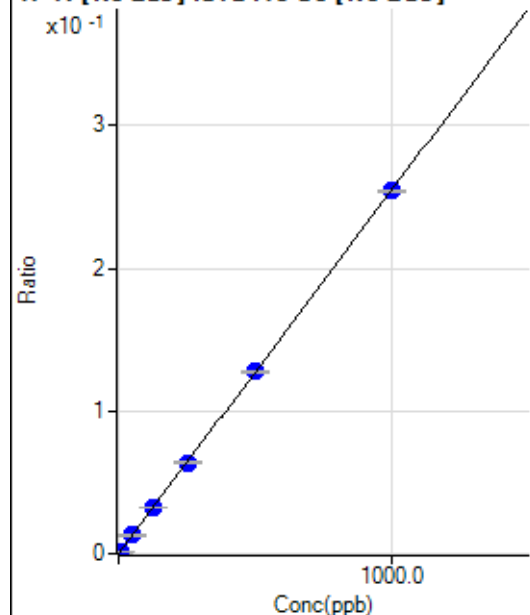
$$DL = 1.773$$

$$BEC = 26.89$$

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	119.45	0.0000	P	24.3
2	☐	0.500					
3	☐	5.000	4.667	4067.40	0.0012	P	6.7
4	☐	50.000	50.209	42637.52	0.0128	P	0.7
5	☐	125.000	125.432	106786.48	0.0320	P	1.0
6	☐	250.000	250.034	213045.85	0.0637	P	1.8
7	☐	500.000	502.646	433522.15	0.1280	P	1.1
8	☐	1000.000	998.606	851902.33	0.2543	P	0.5
9	☐			1784.90	0.0006	P	80.5

$$y = 2.5465E-004 * x + 3.6703E-005$$

$$R = 1.0000$$

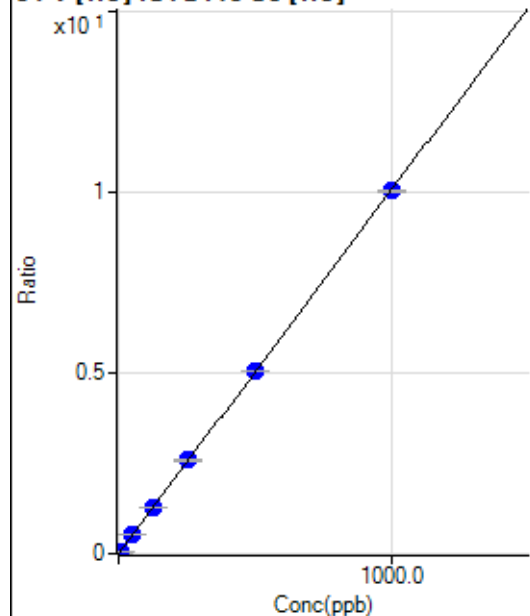
$$DL = 0.105$$

$$BEC = 0.1441$$

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	7.78	0.0001	P	65.5
2	☐	0.500					
3	☐	5.000	4.936	7026.21	0.0498	P	2.2
4	☐	50.000	50.835	72550.58	0.5121	P	1.5
5	☐	125.000	127.967	183770.99	1.2890	P	0.8
6	☐	250.000	256.626	366160.54	2.5849	P	1.0
7	☐	500.000	501.796	737436.14	5.0544	P	0.2
8	☐	1000.000	997.033	1447833.83	10.0427	P	0.3
9	☐			348.90	0.0025	P	5.2

$$y = 0.0101 * x + 5.5850E-005$$

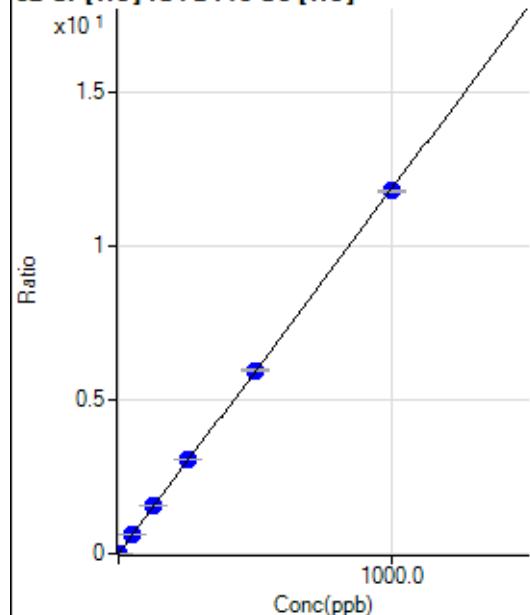
$$R = 1.0000$$

$$DL = 0.0109$$

$$BEC = 0.005545$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	785.59	0.0056	P	12.4
2	☐	0.200					
3	☐	2.000	1.997	4137.32	0.0293	P	2.4
4	☐	50.000	52.230	88433.00	0.6242	P	1.4
5	☐	125.000	129.830	220005.98	1.5432	P	1.4
6	☐	250.000	258.591	434598.70	3.0681	P	0.9
7	☐	500.000	503.455	870720.75	5.9679	P	0.5
8	☐	1000.000	995.410	1700342.35	11.7940	P	0.3
9	☐			36609.95	0.2648	P	0.9

$$y = 0.0118 * x + 0.0056$$

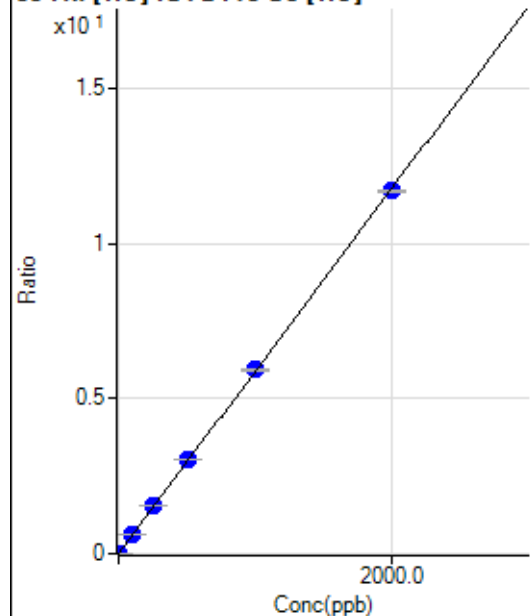
$$R = 0.9999$$

$$DL = 0.1774$$

$$BEC = 0.4768$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.78	0.0003	P	18.2
2	☐	0.100					
3	☐	1.000	1.038	901.16	0.0064	P	1.1
4	☐	100.000	103.953	86747.04	0.6123	P	1.0
5	☐	250.000	260.725	218877.52	1.5353	P	0.8
6	☐	500.000	518.779	432701.09	3.0545	P	0.2
7	☐	1000.000	1008.435	866246.52	5.9373	P	0.6
8	☐	2000.000	1989.549	1688751.40	11.7135	P	0.2
9	☐			6541.55	0.0473	P	1.4

$$y = 0.0059 * x + 2.7140E-004$$

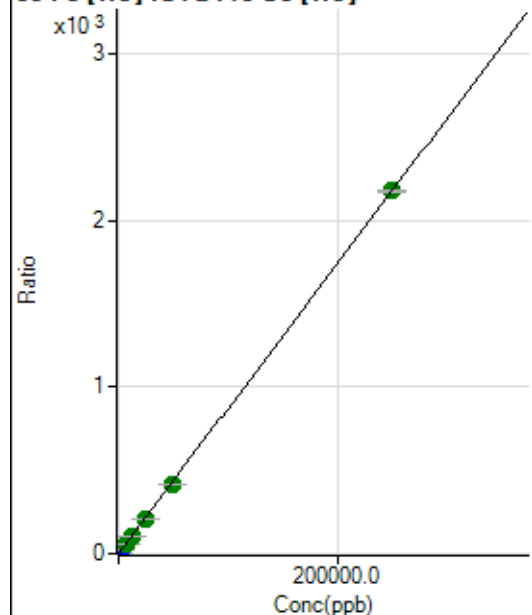
$$R = 0.9999$$

$$DL = 0.02518$$

$$BEC = 0.0461$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2518.80	0.0181	P	4.0
2	☐	5.000					
3	☐	50.000	52.075	66494.82	0.4710	P	0.6
4	☐	2500.000	2595.256	3200290.78	22.5891	P	1.0
5	☐	6250.000	6272.591	7780147.22	54.5710	A	0.2
6	☐	12500.000	12411.608	15293191.20	107.9622	A	0.7
7	☐	25000.000	24154.857	30652545.13	210.0935	A	0.0
8	☐	50000.000	47850.190	59997679.12	416.1724	A	0.8
9	☐	250000.00	250517.37	301278328.9	2,178.773	A	0.7

$$y = 0.0087 * x + 0.0181$$

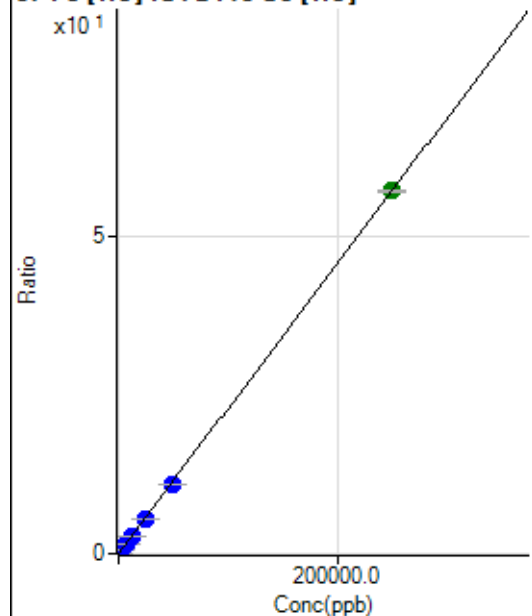
$$R = 1.0000$$

$$DL = 0.2523$$

$$BEC = 2.081$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0003	P	15.1
2	☐	5.000					
3	☐	50.000	47.292	1568.64	0.0111	P	6.7
4	☐	2500.000	2537.470	82127.16	0.5797	P	1.3
5	☐	6250.000	6347.221	206661.88	1.4496	P	0.8
6	☐	12500.000	12568.434	406566.89	2.8701	P	0.4
7	☐	25000.000	24429.933	813913.60	5.5785	P	0.6
8	☐	50000.000	48067.744	1582373.78	10.9758	P	0.3
9	☐	250000.00	250437.23	7907423.61	57.1834	A	0.7

$$y = 2.2833E-004 * x + 3.0607E-004$$

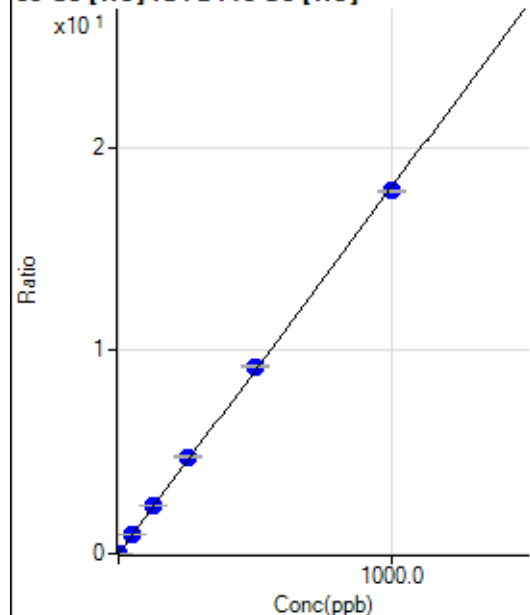
$$R = 1.0000$$

$$DL = 0.6074$$

$$BEC = 1.34$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	76.67	0.0006	P	20.1
2	☐	0.100					
3	☐	1.000	1.031	2703.63	0.0192	P	8.0
4	☐	50.000	53.280	136255.30	0.9617	P	1.4
5	☐	125.000	132.154	339979.73	2.3846	P	1.1
6	☐	250.000	264.636	676371.87	4.7747	P	0.6
7	☐	500.000	510.300	1343207.65	9.2065	P	0.7
8	☐	1000.000	990.132	2575280.87	17.8628	P	0.4
9	☐			3214.85	0.0232	P	3.1

$$y = 0.0180 * x + 5.5103E-004$$

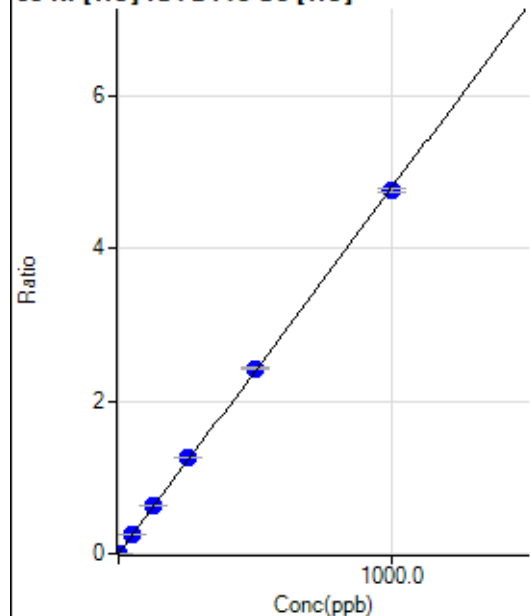
$$R = 0.9998$$

$$DL = 0.0184$$

$$BEC = 0.03054$$

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	28.89	0.0002	P	12.9
2	☐	0.100					
3	☐	1.000	1.096	768.92	0.0054	P	8.0
4	☐	50.000	52.570	35644.53	0.2516	P	0.4
5	☐	125.000	130.951	89306.58	0.6264	P	1.8
6	☐	250.000	263.172	178308.46	1.2587	P	0.8
7	☐	500.000	506.571	353451.44	2.4226	P	0.8
8	☐	1000.000	992.549	684265.07	4.7465	P	0.9
9	☐			8069.01	0.0583	P	1.8

$$y = 0.0048 * x + 2.0751E-004$$

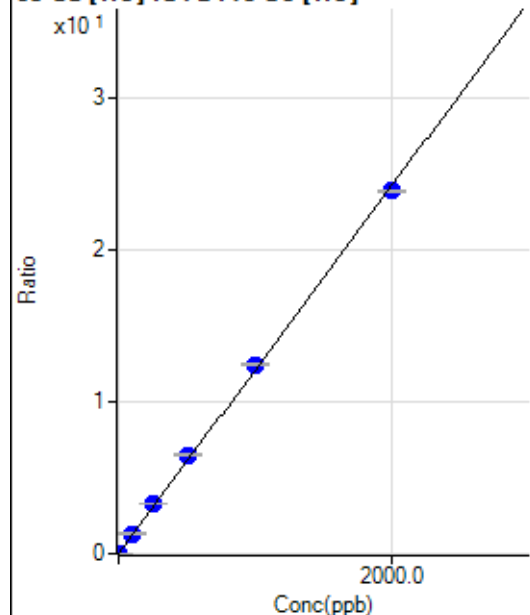
$$R = 0.9999$$

$$DL = 0.01675$$

$$BEC = 0.0434$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0013	P	8.6
2	☐	0.200					
3	☐	2.000	2.160	3880.58	0.0275	P	5.4
4	☐	100.000	109.155	187608.36	1.3242	P	1.6
5	☐	250.000	269.851	466452.28	3.2718	P	1.1
6	☐	500.000	537.961	923779.53	6.5212	P	0.3
7	☐	1000.000	1027.180	1816530.62	12.4504	P	0.7
8	☐	2000.000	1973.980	3449225.33	23.9253	P	0.5
9	☐			4826.43	0.0349	P	2.2

$$y = 0.0121 * x + 0.0013$$

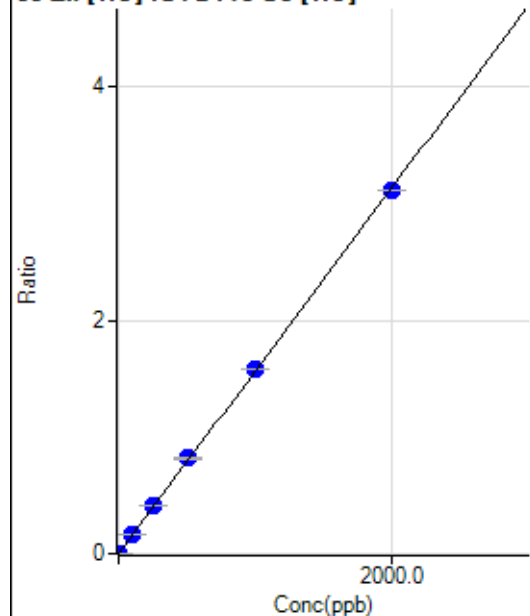
$$R = 0.9996$$

$$DL = 0.02812$$

$$BEC = 0.1087$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0004	P	15.8
2	☐	0.200					
3	☐	2.000	2.064	508.91	0.0036	P	10.2
4	☐	100.000	104.468	23199.73	0.1638	P	0.5
5	☐	250.000	261.269	58303.61	0.4090	P	1.5
6	☐	500.000	521.254	115532.28	0.8156	P	0.5
7	☐	1000.000	1013.535	231311.95	1.5854	P	0.2
8	☐	2000.000	1986.287	447893.20	3.1067	P	0.1
9	☐			2143.53	0.0155	P	8.4

$$y = 0.0016 * x + 3.7514E-004$$

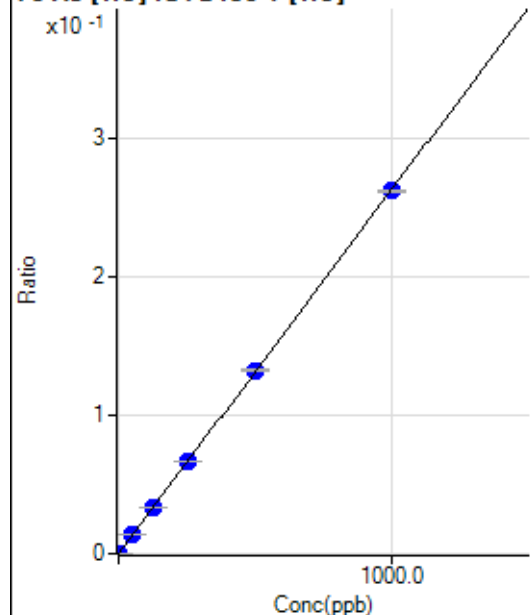
$$R = 0.9999$$

$$DL = 0.1139$$

$$BEC = 0.2399$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	66.3
2	☐	0.100					
3	☐	1.000	0.918	166.67	0.0003	P	5.5
4	☐	50.000	50.478	8808.28	0.0132	P	0.5
5	☐	125.000	126.966	22315.32	0.0333	P	0.8
6	☐	250.000	252.103	44418.13	0.0661	P	0.1
7	☐	500.000	504.072	90193.11	0.1322	P	0.7
8	☐	1000.000	997.169	176683.56	0.2615	P	0.8
9	☐			247.54	0.0004	P	12.9

$$y = 2.6221\text{E-}004 * x + 1.1381\text{E-}005$$

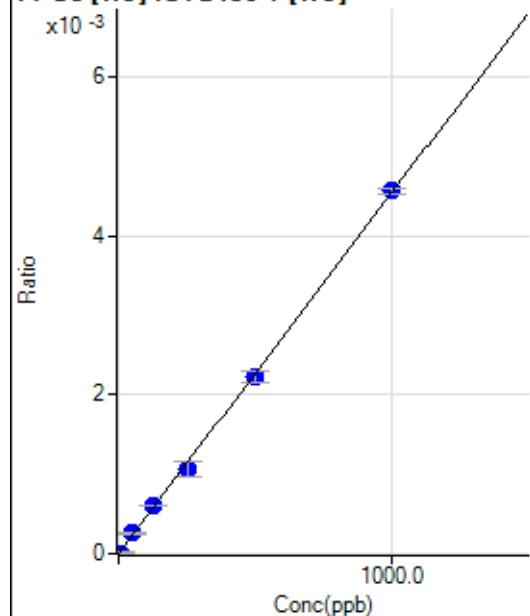
$$R = 1.0000$$

$$DL = 0.0863$$

$$BEC = 0.04341$$

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	☐	0.500					
3	☐	5.000	2.587	7.78	0.0000	P	98.6
4	☐	50.000	56.772	171.11	0.0003	P	3.1
5	☐	125.000	132.417	402.24	0.0006	P	2.3
6	☐	250.000	234.145	713.36	0.0011	P	17.2
7	☐	500.000	492.116	1522.33	0.0022	P	6.8
8	☐	1000.000	1006.652	3083.71	0.0046	P	1.3
9	☐			4.44	0.0000	P	44.7

$$y = 4.5332\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

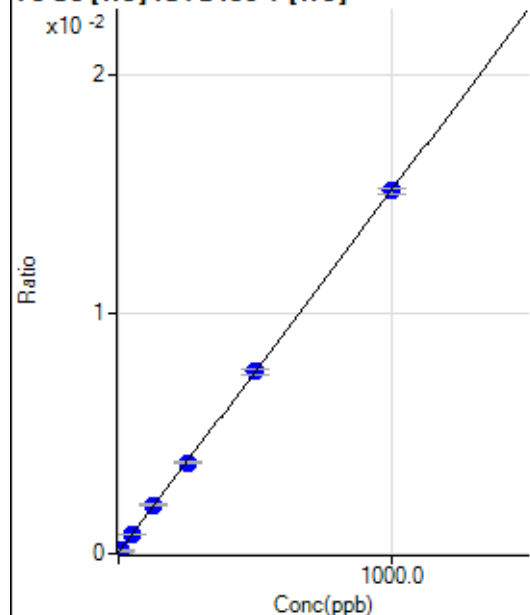
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.39	0.0000	P	56.8
2	☐	0.500					
3	☐	5.000	5.277	81.48	0.0001	P	16.2
4	☐	50.000	49.932	530.88	0.0008	P	7.8
5	☐	125.000	130.864	1354.40	0.0020	P	3.0
6	☐	250.000	248.540	2552.72	0.0038	P	2.1
7	☐	500.000	500.711	5193.56	0.0076	P	3.4
8	☐	1000.000	999.279	10235.16	0.0151	P	1.7
9	☐			54.94	0.0001	P	11.6

$$y = 1.5114\text{E-}005 * x + 4.3558\text{E-}005$$

$$R = 1.0000$$

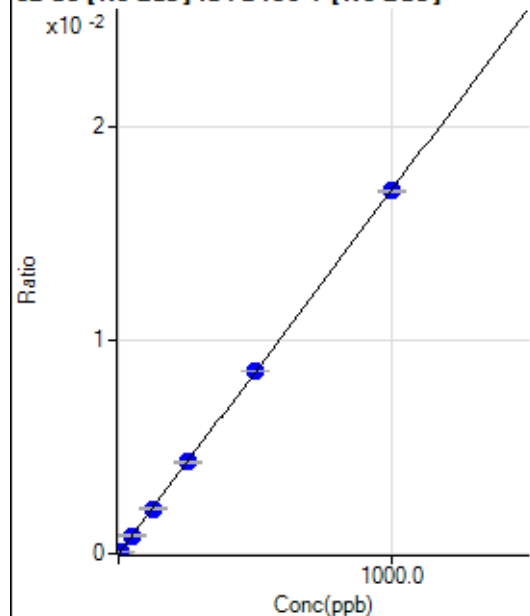
$$DL = 4.91$$

$$BEC = 2.882$$

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	-8.69	0.0000	P	-603.
2	☐	0.500					
3	☐	5.000	4.397	342.07	0.0001	P	3.0
4	☐	50.000	50.002	3926.74	0.0008	P	2.5
5	☐	125.000	124.295	9788.33	0.0021	P	2.0
6	☐	250.000	252.280	19775.64	0.0043	P	0.7
7	☐	500.000	502.321	39905.90	0.0085	P	0.9
8	☐	1000.000	998.361	78183.27	0.0170	P	0.7
9	☐			146.46	0.0000	P	37.6

$$y = 1.7016\text{E-}005 * x - 1.8513\text{E-}006$$

$$R = 1.0000$$

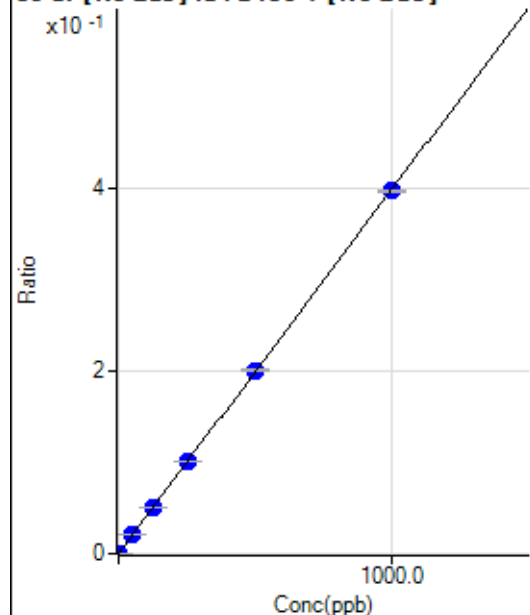
$$DL = 1.97$$

$$BEC = -0.1088$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	519.48	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.887	2180.81	0.0005	P	1.7
4	☐	50.000	50.916	94392.04	0.0204	P	0.8
5	☐	125.000	125.270	231834.20	0.0500	P	0.8
6	☐	250.000	253.689	466579.54	0.1012	P	0.5
7	☐	500.000	503.907	938528.31	0.2010	P	0.6
8	☐	1000.000	997.045	1829837.13	0.3975	P	0.7
9	☐			52652.76	0.0122	P	0.8

$$y = 3.9861\text{E-}004 * x + 1.1149\text{E-}004$$

$$R = 1.0000$$

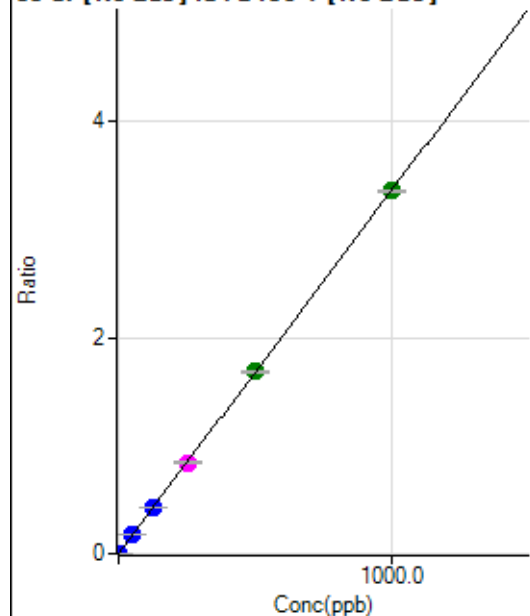
$$DL = 0.06558$$

$$BEC = 0.2797$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0000	P	32.9
2	☐	0.100					
3	☐	1.000	0.910	14449.46	0.0031	P	2.9
4	☐	50.000	50.779	789750.80	0.1707	P	0.4
5	☐	125.000	125.978	1962153.26	0.4236	P	0.6
6	☐	250.000	250.564	3882641.58	0.8424	M	1.0
7	☐	500.000	500.704	7861242.19	1.6834	A	0.8
8	☐	1000.000	999.346	15464915.80	3.3598	A	0.6
9	☐			448596.80	0.1038	P	0.3

$$y = 0.0034 * x + 2.3216\text{E-}005$$

$$R = 1.0000$$

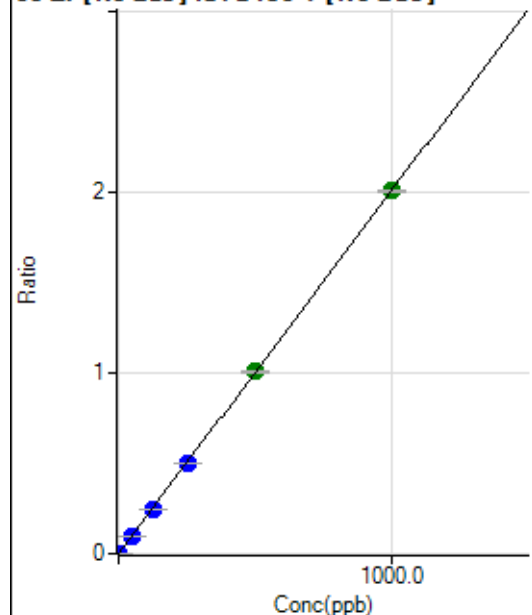
$$DL = 0.006824$$

$$BEC = 0.006905$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	280.57	0.0001	P	21.8
2	☐	0.100					
3	☐	1.000	0.686	6743.51	0.0014	P	5.5
4	☐	50.000	48.679	452912.03	0.0979	P	0.6
5	☐	125.000	123.874	1153907.46	0.2491	P	0.0
6	☐	250.000	248.839	2305833.38	0.5003	P	0.4
7	☐	500.000	501.492	4708237.08	1.0082	A	0.5
8	☐	1000.000	999.752	9251074.68	2.0099	A	0.7
9	☐			2700.36	0.0006	P	4.9

$$y = 0.0020 * x + 6.0195E-005$$

$$R = 1.0000$$

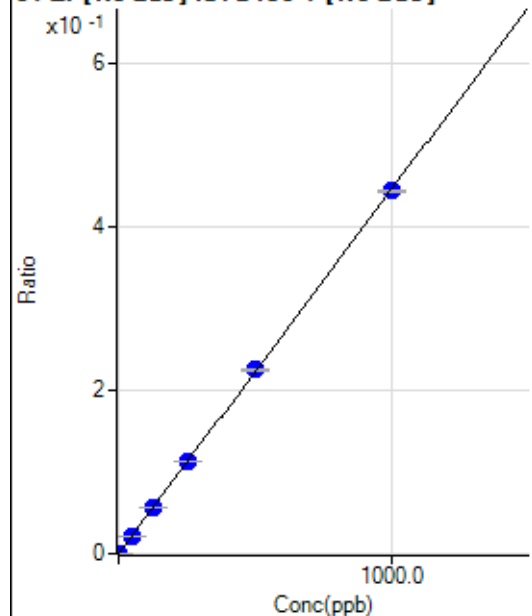
$$DL = 0.01959$$

$$BEC = 0.02994$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.3
2	☐	0.100					
3	☐	1.000	0.689	1480.70	0.0003	P	2.2
4	☐	50.000	49.036	101315.38	0.0219	P	0.7
5	☐	125.000	125.750	260147.11	0.0562	P	1.3
6	☐	250.000	254.731	524270.21	0.1138	P	0.6
7	☐	500.000	505.599	1054326.28	0.2258	P	0.9
8	☐	1000.000	995.972	2047038.31	0.4447	P	0.6
9	☐			616.71	0.0001	P	8.2

$$y = 4.4652E-004 * x + 8.3333E-006$$

$$R = 1.0000$$

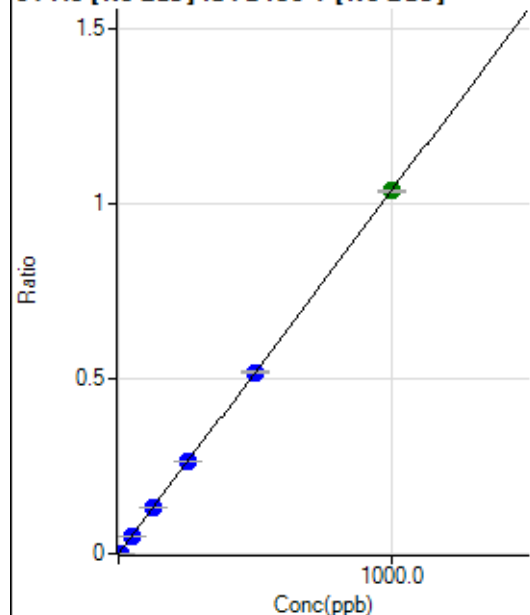
$$DL = 0.01809$$

$$BEC = 0.01866$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	4.3
2	☐	0.500					
3	☐	5.000	1.886	9261.69	0.0020	P	2.5
4	☐	50.000	48.892	234524.73	0.0507	P	1.4
5	☐	125.000	125.626	603356.54	0.1302	P	1.0
6	☐	250.000	252.543	1206693.10	0.2618	P	0.2
7	☐	500.000	498.959	2415500.29	0.5173	P	0.8
8	☐	1000.000	999.878	4770889.82	1.0365	A	0.9
9	☐			9550.78	0.0022	P	5.3

$$y = 0.0010 * x + 2.0856E-005$$

$$R = 1.0000$$

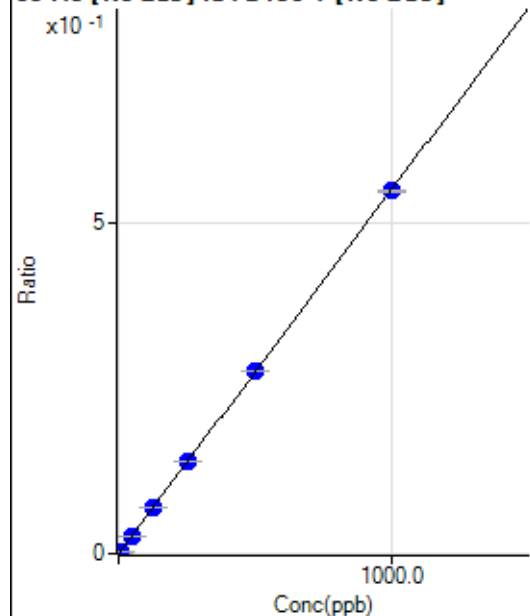
$$DL = 0.002582$$

$$BEC = 0.02012$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	34.1
2	☐	0.500					
3	☐	5.000	4.590	11863.74	0.0025	P	2.4
4	☐	50.000	49.280	125265.51	0.0271	P	1.3
5	☐	125.000	125.244	318767.72	0.0688	P	1.7
6	☐	250.000	254.484	644390.27	0.1398	P	0.8
7	☐	500.000	503.627	1292124.52	0.2767	P	0.2
8	☐	1000.000	997.073	2521344.20	0.5478	P	0.6
9	☐			14126.95	0.0033	P	4.9

$$y = 5.4938E-004 * x + 8.9255E-006$$

$$R = 1.0000$$

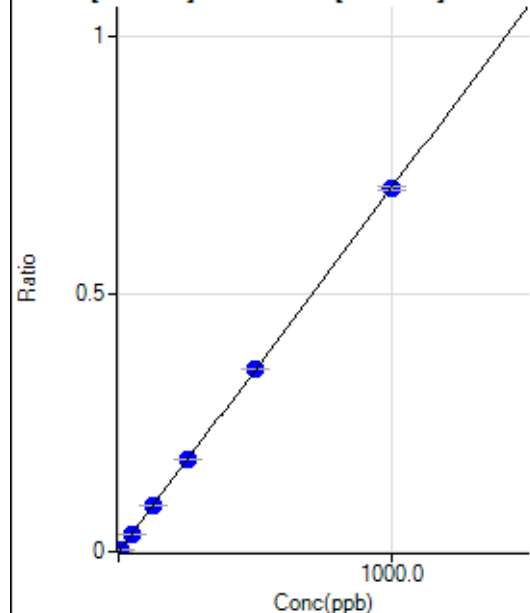
$$DL = 0.01664$$

$$BEC = 0.01625$$

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	77.78	0.0000	P	33.8
2	☐	0.500					
3	☐	5.000	3.948	13139.90	0.0028	P	2.2
4	☐	50.000	49.311	161053.52	0.0348	P	0.3
5	☐	125.000	125.539	410515.98	0.0886	P	1.0
6	☐	250.000	254.458	827788.50	0.1796	P	0.8
7	☐	500.000	502.250	1655444.77	0.3545	P	0.3
8	☐	1000.000	997.733	3241290.22	0.7042	P	1.0
9	☐			18014.72	0.0042	P	4.7

$$y = 7.0577\text{E-}004 * x + 1.6667\text{E-}005$$

$$R = 1.0000$$

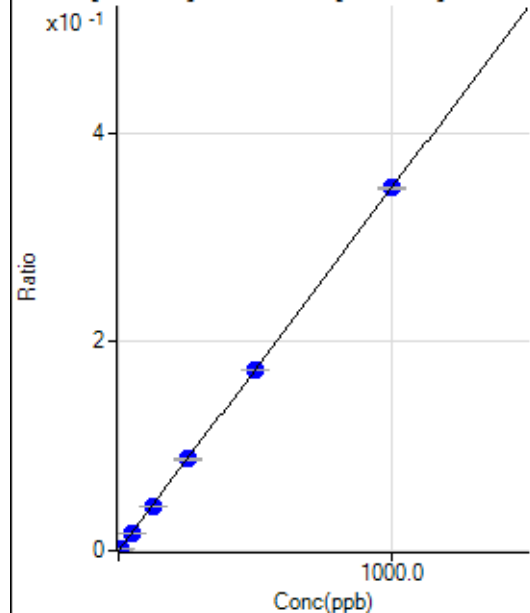
$$DL = 0.02398$$

$$BEC = 0.02361$$

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	41.67	0.0000	P	19.3
2	☐	0.500					
3	☐	5.000	4.518	7399.45	0.0016	P	4.1
4	☐	50.000	48.066	77267.47	0.0167	P	0.9
5	☐	125.000	122.711	197492.91	0.0426	P	1.3
6	☐	250.000	251.932	403367.79	0.0875	P	0.3
7	☐	500.000	498.480	808638.60	0.1732	P	0.7
8	☐	1000.000	1000.662	1599945.33	0.3476	P	0.4
9	☐			8847.52	0.0020	P	4.8

$$y = 3.4736\text{E-}004 * x + 8.9316\text{E-}006$$

$$R = 1.0000$$

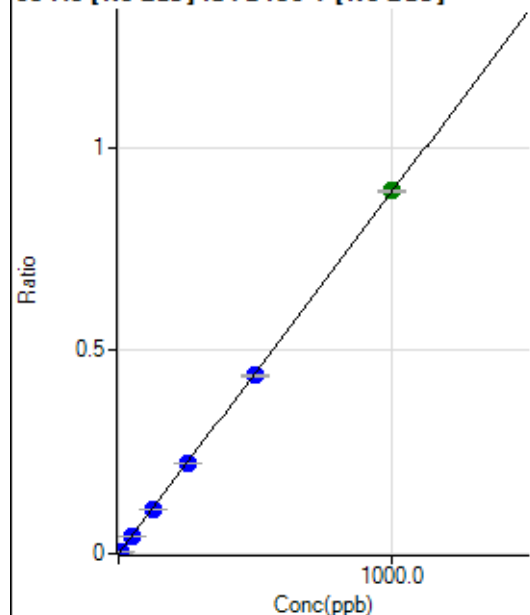
$$DL = 0.01493$$

$$BEC = 0.02571$$

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	86.12	0.0000	P	5.1
2	☐	0.500					
3	☐	5.000	4.620	19363.76	0.0041	P	1.8
4	☐	50.000	48.068	197982.84	0.0428	P	1.1
5	☐	125.000	123.322	508567.79	0.1098	P	1.3
6	☐	250.000	250.098	1026075.77	0.2226	P	0.5
7	☐	500.000	493.209	2050162.33	0.4390	P	0.7
8	☐	1000.000	1003.679	4112253.65	0.8934	A	0.7
9	☐			22880.14	0.0053	P	4.8

$$y = 8.9010\text{E-}004 * x + 1.8474\text{E-}005$$

$$R = 1.0000$$

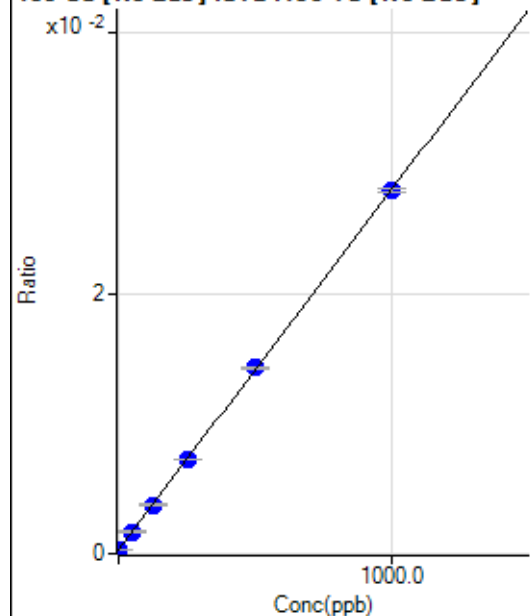
$$DL = 0.003167$$

$$BEC = 0.02075$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1472.36	0.0003	P	11.8
2	☐	0.100					
3	☐	1.000	1.123	1616.83	0.0004	P	4.2
4	☐	50.000	49.738	7805.25	0.0017	P	1.1
5	☐	125.000	124.116	17169.36	0.0038	P	1.5
6	☐	250.000	250.633	33320.58	0.0073	P	1.9
7	☐	500.000	505.769	65976.42	0.0143	P	1.2
8	☐	1000.000	997.080	126030.64	0.0279	P	1.1
9	☐			1375.12	0.0003	P	5.3

$$y = 2.7655\text{E-}005 * x + 3.1904\text{E-}004$$

$$R = 1.0000$$

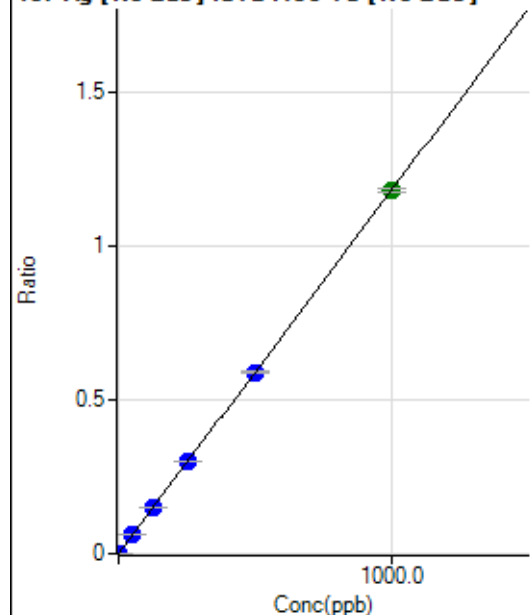
$$DL = 4.071$$

$$BEC = 11.54$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	20.8
2	☐	0.100					
3	☐	1.000	0.996	5470.75	0.0012	P	4.3
4	☐	50.000	50.834	276296.76	0.0600	P	1.5
5	☐	125.000	128.972	696568.45	0.1522	P	0.5
6	☐	250.000	255.315	1384596.46	0.3013	P	0.6
7	☐	500.000	499.326	2717260.70	0.5892	P	0.4
8	☐	1000.000	998.470	5323430.59	1.1782	A	1.0
9	☐			627.82	0.0001	P	26.2

$$y = 0.0012 * x + 9.6106E-006$$

$$R = 1.0000$$

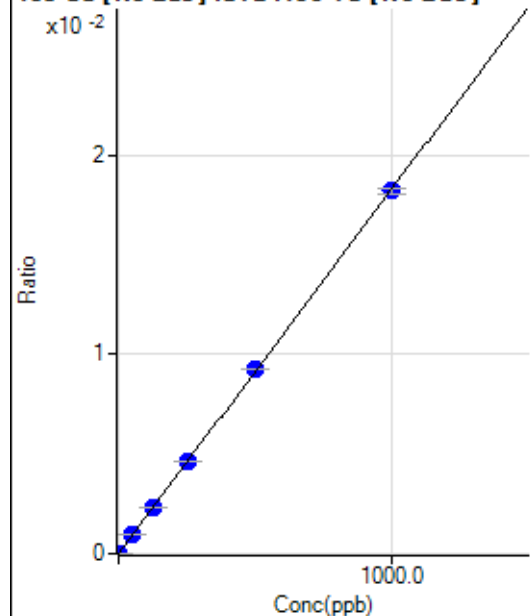
$$DL = 0.005089$$

$$BEC = 0.008145$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	57.9
2	☐	0.100					
3	☐	1.000	0.856	83.34	0.0000	P	6.0
4	☐	50.000	51.622	4353.53	0.0009	P	4.8
5	☐	125.000	125.861	10536.06	0.0023	P	2.6
6	☐	250.000	253.087	21260.67	0.0046	P	1.5
7	☐	500.000	506.157	42657.33	0.0092	P	0.1
8	☐	1000.000	995.961	82225.58	0.0182	P	1.3
9	☐			13.89	0.0000	P	62.4

$$y = 1.8270E-005 * x + 2.4131E-006$$

$$R = 1.0000$$

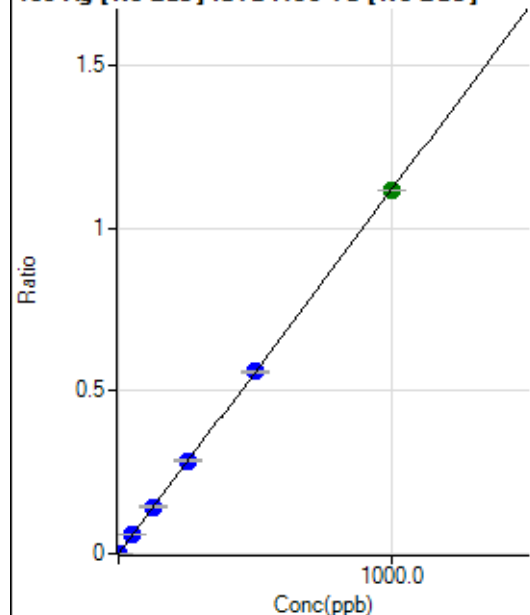
$$DL = 0.2294$$

$$BEC = 0.1321$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.986	5106.68	0.0011	P	0.3
4	☐	50.000	51.989	267425.84	0.0581	P	1.6
5	☐	125.000	129.167	660203.36	0.1443	P	0.6
6	☐	250.000	255.872	1313212.72	0.2857	P	1.0
7	☐	500.000	500.806	2579246.15	0.5593	P	0.6
8	☐	1000.000	997.508	5033507.23	1.1140	A	0.1
9	☐			516.70	0.0001	P	3.1

$$y = 0.0011 * x + 4.7845E-006$$

$$R = 1.0000$$

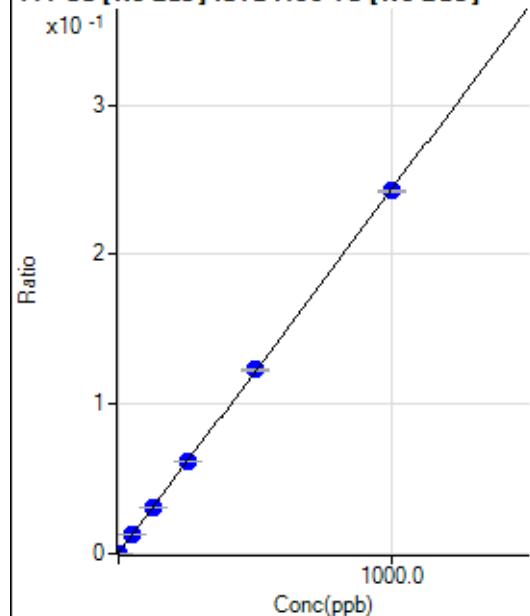
$$DL = 0.01113$$

$$BEC = 0.004284$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1038.16	0.0002	P	11.5
2	☐	0.100					
3	☐	1.000	0.993	2154.07	0.0005	P	4.4
4	☐	50.000	50.043	57085.51	0.0124	P	0.7
5	☐	125.000	127.116	142508.10	0.0311	P	0.5
6	☐	250.000	253.849	284731.29	0.0620	P	1.2
7	☐	500.000	504.538	566867.94	0.1229	P	0.4
8	☐	1000.000	996.502	1095973.68	0.2426	P	0.6
9	☐			1101.48	0.0003	P	6.4

$$y = 2.4318E-004 * x + 2.2495E-004$$

$$R = 1.0000$$

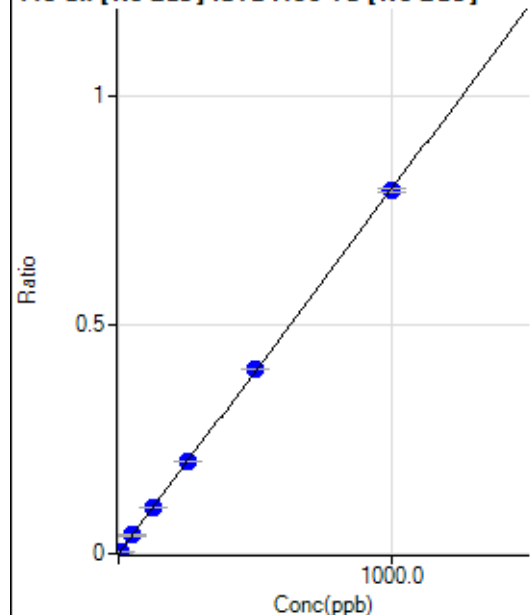
$$DL = 0.318$$

$$BEC = 0.925$$

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	183.34	0.0000	P	19.4
2	☐	0.500					
3	☐	5.000	4.800	17803.54	0.0039	P	2.2
4	☐	50.000	50.104	183658.28	0.0399	P	1.5
5	☐	125.000	127.410	463829.46	0.1013	P	0.8
6	☐	250.000	254.802	931268.85	0.2026	P	0.4
7	☐	500.000	506.224	1856423.98	0.4025	P	0.4
8	☐	1000.000	995.382	3576157.33	0.7915	P	1.0
9	☐			5440.17	0.0013	P	4.7

$$y = 7.9511\text{E-}004 * x + 3.9685\text{E-}005$$

$$R = 1.0000$$

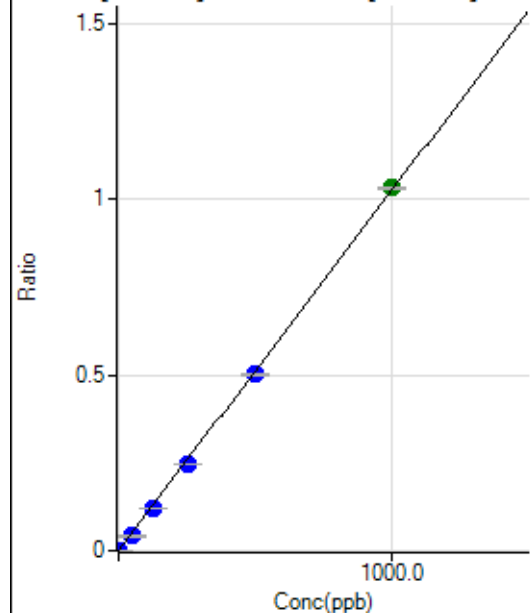
$$DL = 0.0291$$

$$BEC = 0.04991$$

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	16.67	0.0000	P	49.4
2	☐	0.200					
3	☐	2.000	1.838	8703.03	0.0019	P	3.2
4	☐	50.000	40.099	189127.23	0.0411	P	1.6
5	☐	125.000	117.000	548323.78	0.1198	P	1.8
6	☐	250.000	242.544	1141459.38	0.2484	P	0.1
7	☐	500.000	490.078	2314354.22	0.5018	P	0.7
8	☐	1000.000	1008.321	4665322.20	1.0325	A	0.9
9	☐			25543.55	0.0060	P	4.9

$$y = 0.0010 * x + 3.5986\text{E-}006$$

$$R = 0.9999$$

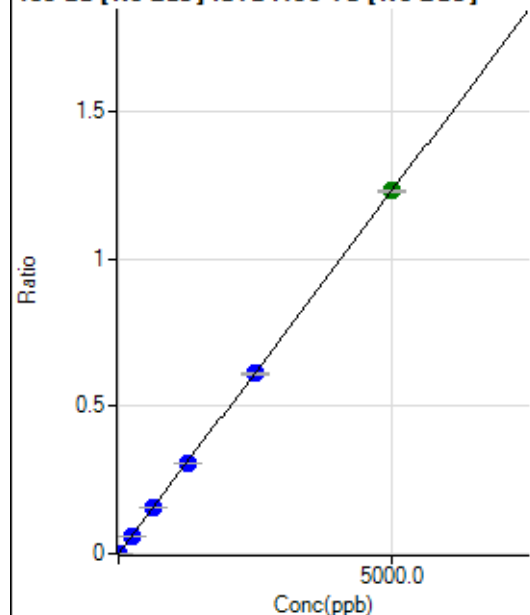
$$DL = 0.005208$$

$$BEC = 0.003514$$

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	16.67	0.0000	P	49.4
2	☐	1.000					
3	☐	10.000	9.578	10893.55	0.0024	P	3.2
4	☐	250.000	250.125	283380.28	0.0615	P	1.4
5	☐	625.000	629.190	708352.66	0.1548	P	1.5
6	☐	1250.000	1254.519	1418246.89	0.3086	P	0.4
7	☐	2500.000	2483.629	2817508.42	0.6109	P	0.4
8	☐	5000.000	5006.527	5564675.73	1.2315	A	0.9
9	☐			1769.63	0.0004	P	6.5

$$y = 2.4599\text{E-}004 * x + 3.5986\text{E-}006$$

$$R = 1.0000$$

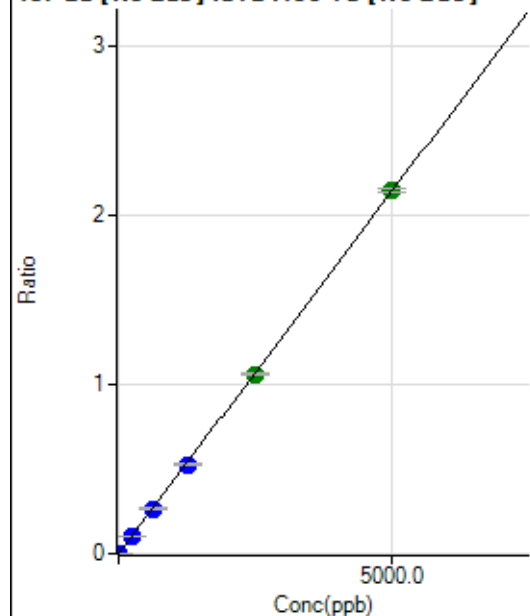
$$DL = 0.02168$$

$$BEC = 0.01463$$

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	27.78	0.0000	P	96.1
2	☐	1.000					
3	☐	10.000	9.398	18554.75	0.0040	P	1.6
4	☐	250.000	247.111	486038.67	0.1055	P	0.6
5	☐	625.000	624.289	1220136.84	0.2666	P	0.7
6	☐	1250.000	1234.614	2422948.97	0.5272	P	0.9
7	☐	2500.000	2477.788	4879604.19	1.0581	A	0.7
8	☐	5000.000	5015.187	9676556.64	2.1416	A	1.1
9	☐			3056.02	0.0007	P	7.2

$$y = 4.2703\text{E-}004 * x + 5.9936\text{E-}006$$

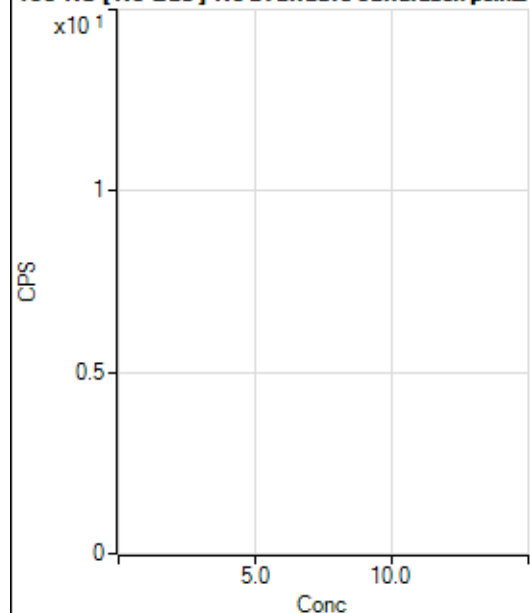
$$R = 1.0000$$

$$DL = 0.04048$$

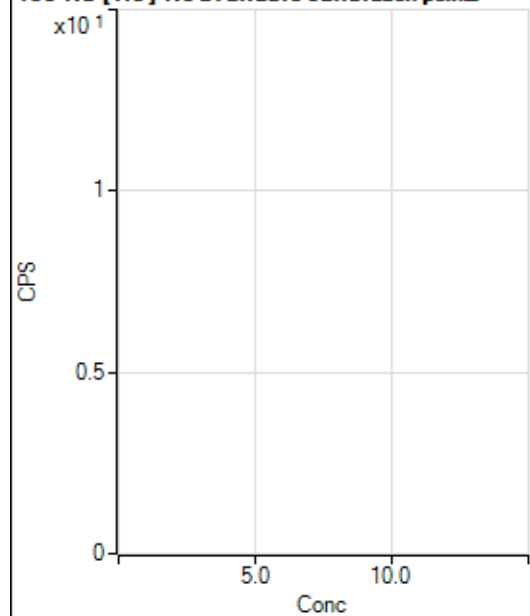
$$BEC = 0.01404$$

Weight: <None>

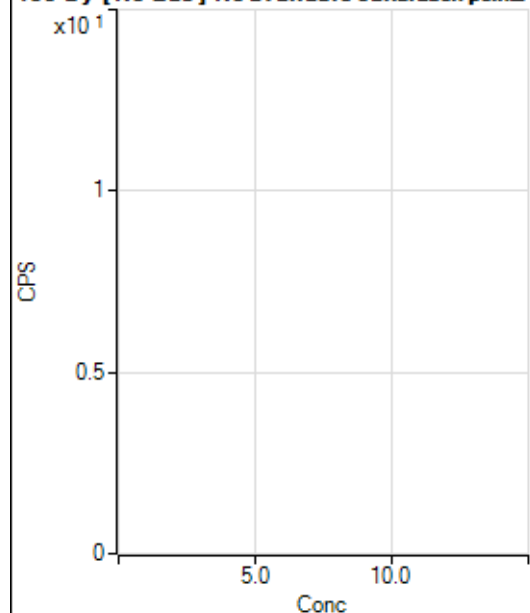
Min Conc: 0

150 Nd [No Gas] No available calibration points

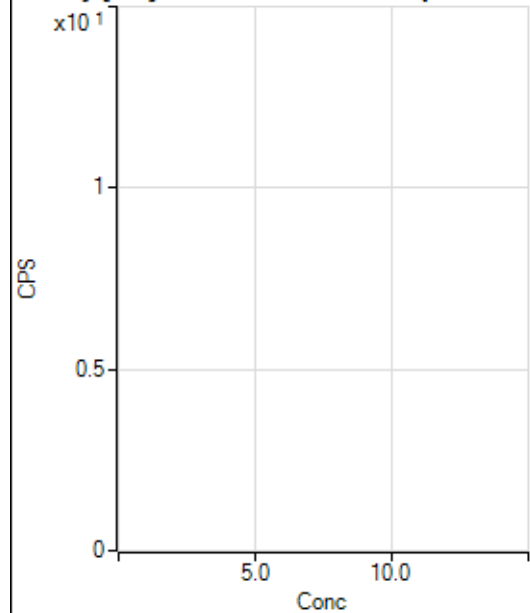
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	173.2
2	☐						
3	☐			2.22		P	173.2
4	☐			31.11		P	49.5
5	☐			48.89		P	28.4
6	☐			66.67		P	30.0
7	☐			144.45		P	14.1
8	☐			273.34		P	8.8
9	☐			60.00		P	29.4

150 Nd [He] No available calibration points

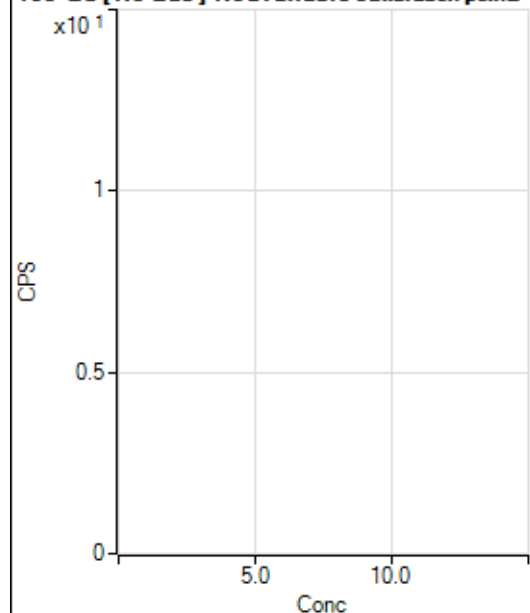
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			6.67		P	50.0
6	☐			11.11		P	62.5
7	☐			13.33		P	25.0
8	☐			17.78		P	21.7
9	☐			22.22		P	56.8

156 Dy [No Gas] No available calibration points

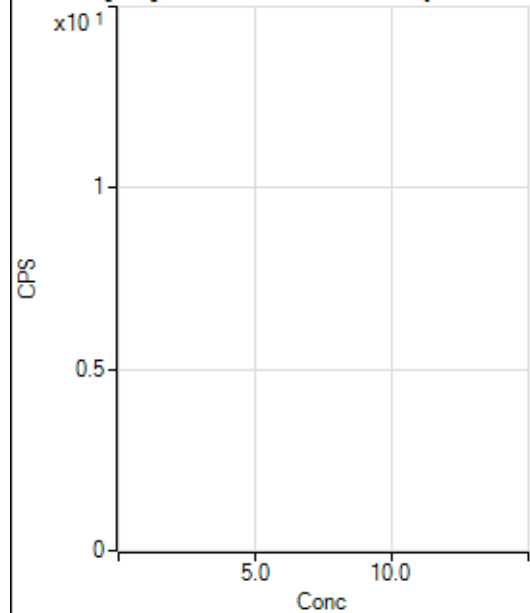
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐						
3	☐			19.45		P	24.7
4	☐			13.89		P	69.3
5	☐			25.00		P	57.7
6	☐			13.89		P	34.7
7	☐			30.56		P	56.8
8	☐			83.34		P	45.8
9	☐			55.56		P	17.3

156 Dy [He] No available calibration points

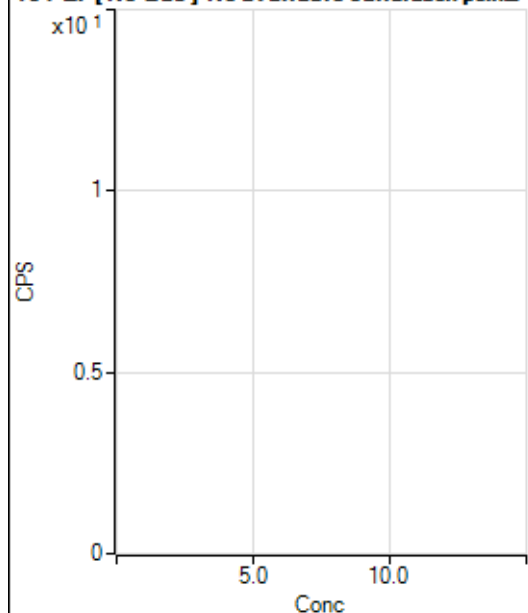
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			3.33		P	0.0
4	☐			2.22		P	173.2
5	☐			5.56		P	34.7
6	☐			5.56		P	34.7
7	☐			7.78		P	24.7
8	☐			11.11		P	45.8
9	☐			31.11		P	22.3

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

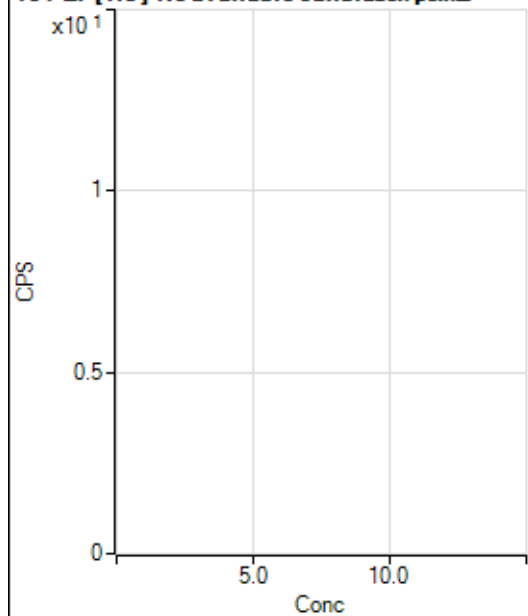
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	31.5
2	☐						
3	☐			25.00		P	57.7
4	☐			27.78		P	17.3
5	☐			27.78		P	96.4
6	☐			33.33		P	25.0
7	☐			41.67		P	69.3
8	☐			50.00		P	44.1
9	☐			69.45		P	38.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐						
3	☐			12.22		P	31.5
4	☐			10.00		P	66.7
5	☐			10.00		P	57.7
6	☐			15.55		P	44.6
7	☐			11.11		P	34.6
8	☐			13.33		P	50.0
9	☐			44.45		P	30.3

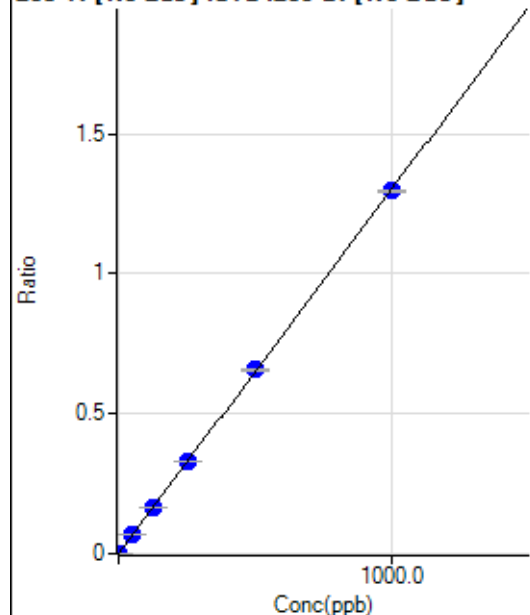
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			22.22		P	43.3
4	☐			22.22		P	21.6
5	☐			11.11		P	86.6
6	☐			25.00		P	57.7
7	☐			16.67		P	50.0
8	☐			36.11		P	35.3
9	☐			33.33		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	50.0
2	☐						
3	☐			8.89		P	43.3
4	☐			6.67		P	100.0
5	☐			8.89		P	94.4
6	☐			7.78		P	24.7
7	☐			15.56		P	32.7
8	☐			16.67		P	52.9
9	☐			24.45		P	28.4

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.44	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.018	3692.34	0.0013	P	6.2
4	☐	50.000	51.351	183936.53	0.0669	P	0.9
5	☐	125.000	127.533	460252.65	0.1660	P	0.7
6	☐	250.000	253.067	920391.17	0.3294	P	0.2
7	☐	500.000	505.153	1830503.49	0.6575	P	0.5
8	☐	1000.000	996.273	3508206.20	1.2967	P	0.4
9	☐			1163.99	0.0005	P	21.5

$$y = 0.0013 * x + 1.6532E-005$$

$$R = 1.0000$$

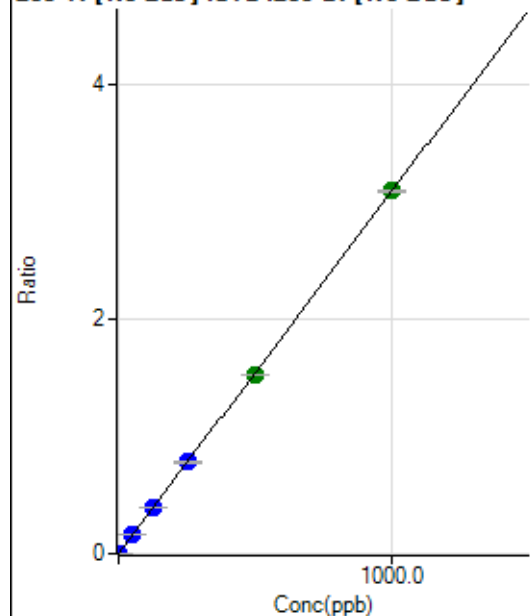
$$DL = 0.00828$$

$$BEC = 0.0127$$

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	63.89	0.0000	P	45.5
2	☐	0.100					
3	☐	1.000	0.993	8491.96	0.0031	P	2.9
4	☐	50.000	50.970	432326.42	0.1571	P	0.7
5	☐	125.000	127.795	1092148.57	0.3939	P	0.4
6	☐	250.000	252.588	2175449.51	0.7786	P	0.7
7	☐	500.000	494.155	4240490.94	1.5231	A	0.8
8	☐	1000.000	1001.877	8354818.50	3.0880	A	0.5
9	☐			2722.62	0.0011	P	10.0

$$y = 0.0031 * x + 2.3747E-005$$

$$R = 1.0000$$

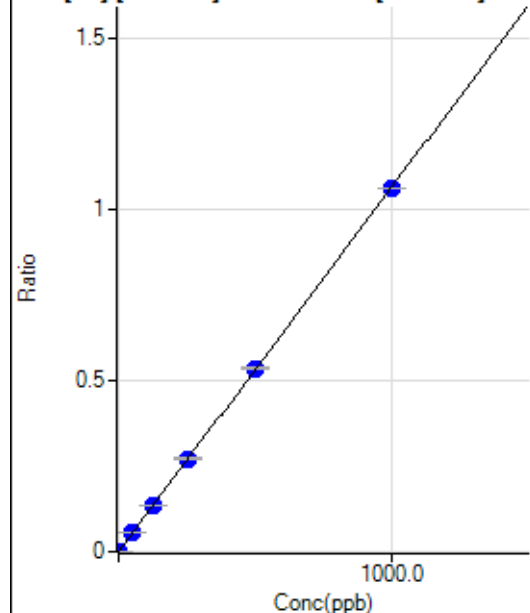
$$DL = 0.01051$$

$$BEC = 0.007705$$

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	275.94	0.0001	P	8.4
2	☐	0.100					
3	☐	1.000	1.018	3261.60	0.0012	P	6.1
4	☐	50.000	51.602	151171.03	0.0549	P	0.5
5	☐	125.000	128.297	378303.49	0.1364	P	0.2
6	☐	250.000	255.910	760203.97	0.2721	P	0.5
7	☐	500.000	503.806	1490927.80	0.5355	P	0.4
8	☐	1000.000	996.127	2864361.03	1.0587	P	0.2
9	☐			5406.81	0.0022	P	4.2

$$y = 0.0011 * x + 1.0259E-004$$

$$R = 1.0000$$

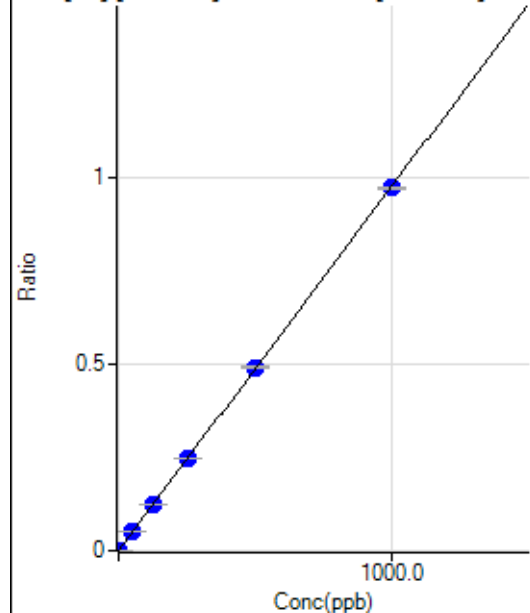
$$DL = 0.02432$$

$$BEC = 0.09654$$

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	227.79	0.0001	P	0.7
2	☐	0.100					
3	☐	1.000	1.023	2981.89	0.0011	P	5.7
4	☐	50.000	50.933	137031.20	0.0498	P	0.6
5	☐	125.000	127.858	346272.78	0.1249	P	1.0
6	☐	250.000	252.790	689746.40	0.2468	P	0.3
7	☐	500.000	504.356	1370920.79	0.4924	P	0.6
8	☐	1000.000	996.720	2632578.91	0.9730	P	0.4
9	☐			4675.02	0.0019	P	4.8

$$y = 9.7614E-004 * x + 8.4726E-005$$

$$R = 1.0000$$

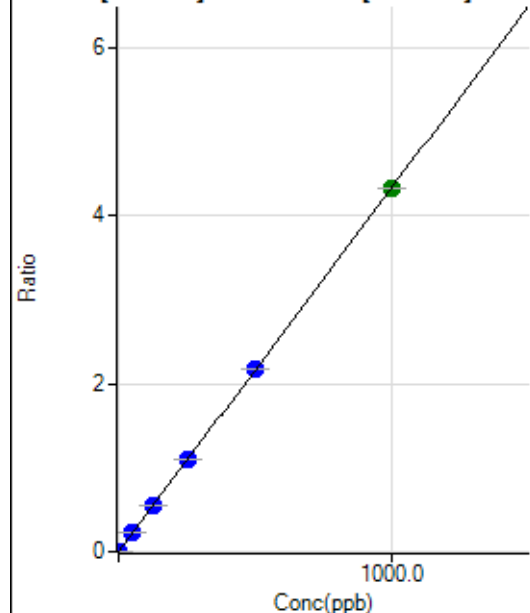
$$DL = 0.001803$$

$$BEC = 0.0868$$

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	1087.09	0.0004	P	5.4
2	☐	0.100					
3	☐	1.000	1.006	13086.19	0.0048	P	1.7
4	☐	50.000	51.515	614084.41	0.2232	P	0.5
5	☐	125.000	128.233	1538633.81	0.5550	P	0.5
6	☐	250.000	253.843	3068530.84	1.0982	P	0.2
7	☐	500.000	501.082	6034156.13	2.1673	P	0.5
8	☐	1000.000	998.019	11678080.24	4.3164	A	0.2
9	☐			21049.60	0.0086	P	3.9

$$y = 0.0043 * x + 4.0431E-004$$

$$R = 1.0000$$

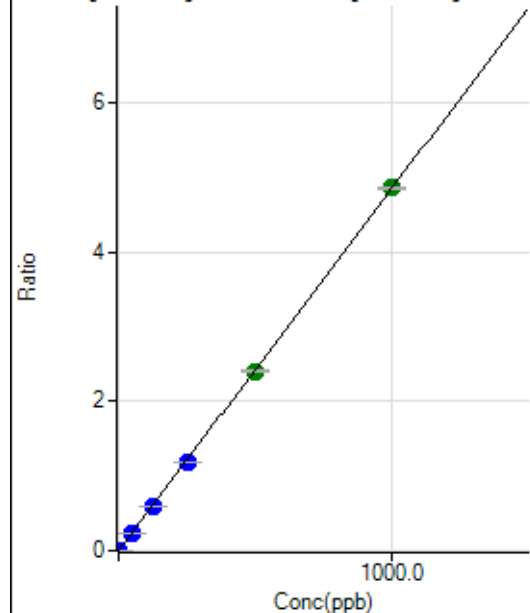
$$DL = 0.01523$$

$$BEC = 0.09349$$

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	111.12	0.0000	P	10.8
2	☐	0.100					
3	☐	1.000	1.010	13568.79	0.0049	P	1.0
4	☐	50.000	49.940	665082.80	0.2417	P	0.9
5	☐	125.000	124.531	1670952.55	0.6027	P	0.2
6	☐	250.000	244.921	3311964.94	1.1853	P	0.2
7	☐	500.000	496.218	6685697.02	2.4014	A	0.4
8	☐	1000.000	1003.222	13134910.62	4.8549	A	0.5
9	☐			2944.91	0.0012	P	8.7

$$y = 0.0048 * x + 4.1309E-005$$

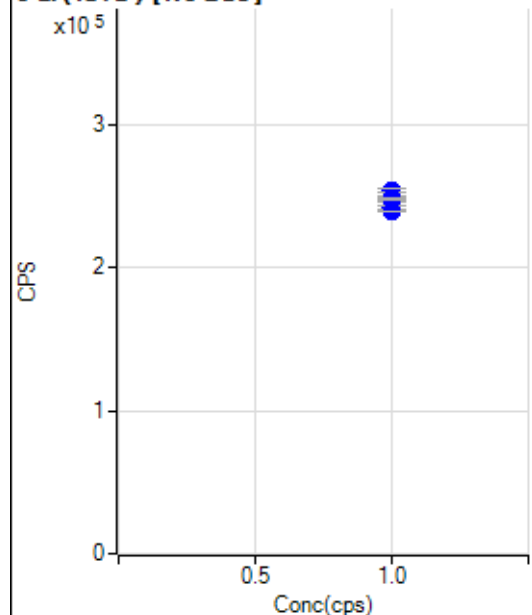
$$R = 1.0000$$

$$DL = 0.002763$$

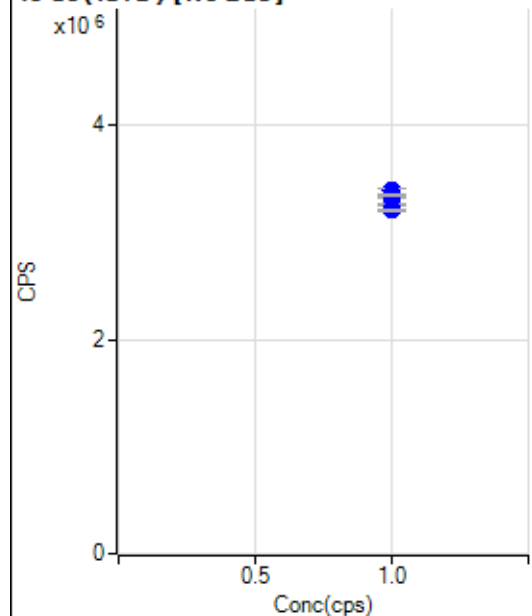
$$BEC = 0.008536$$

Weight: <None>

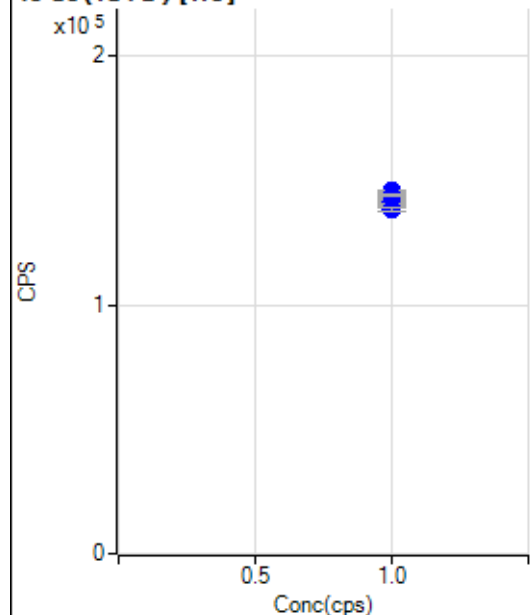
Min Conc: 0

6 Li (ISTD) [No Gas]

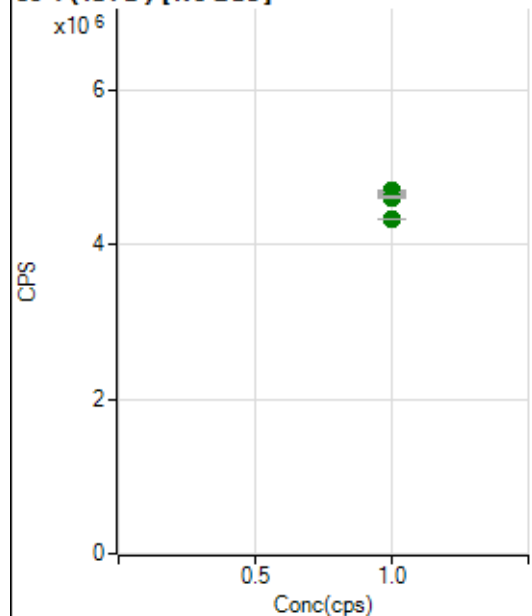
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		242243.23		P	1.4
2	☐	1.000					
3	☐	1.000		249001.53		P	0.6
4	☐	1.000		248363.19		P	1.4
5	☐	1.000		246889.00		P	0.6
6	☐	1.000		248641.64		P	0.7
7	☐	1.000		253731.32		P	1.2
8	☐	1.000		248320.12		P	0.8
9	☐	1.000		239515.67		P	0.3

45 Sc (ISTD) [No Gas]

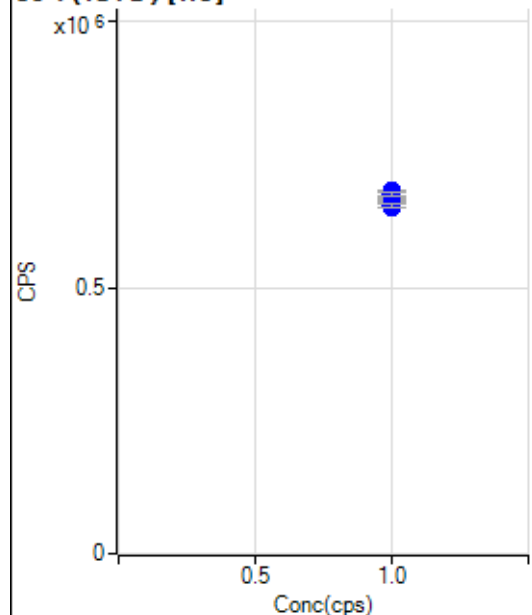
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3253957.84		P	0.8
2	☐	1.000					
3	☐	1.000		3319836.77		P	0.1
4	☐	1.000		3325271.86		P	0.8
5	☐	1.000		3339334.40		P	0.1
6	☐	1.000		3344248.21		P	0.5
7	☐	1.000		3386234.67		P	1.5
8	☐	1.000		3349572.69		P	0.6
9	☐	1.000		3208321.95		P	0.5

45 Sc (ISTD) [He]

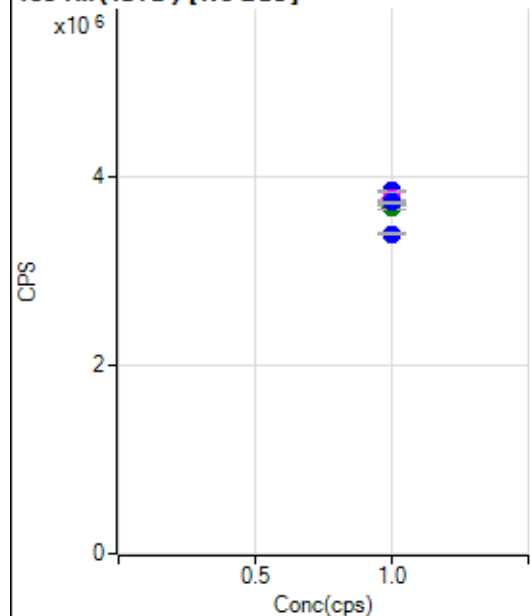
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		139170.75		P	0.5
2	☐	1.000					
3	☐	1.000		141187.43		P	1.5
4	☐	1.000		141677.20		P	0.4
5	☐	1.000		142570.31		P	0.6
6	☐	1.000		141659.85		P	1.0
7	☐	1.000		145899.66		P	0.5
8	☐	1.000		144170.22		P	0.9
9	☐	1.000		138283.58		P	0.8

89 Y (ISTD) [No Gas]

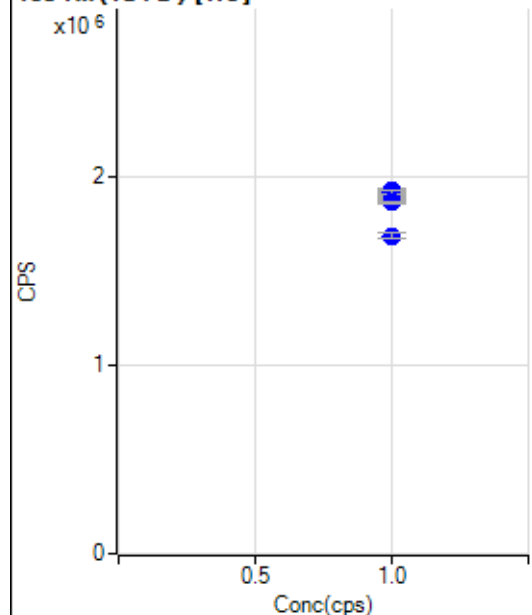
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4660904.34		A	0.7
2	☐	1.000					
3	☐	1.000		4687906.11		A	0.5
4	☐	1.000		4625394.17		A	0.1
5	☐	1.000		4632595.80		A	0.7
6	☐	1.000		4608991.29		A	0.9
7	☐	1.000		4669960.45		A	0.5
8	☐	1.000		4602921.91		A	0.5
9	☐	1.000		4323550.73		A	0.4

89 Y(ISTD) [He]

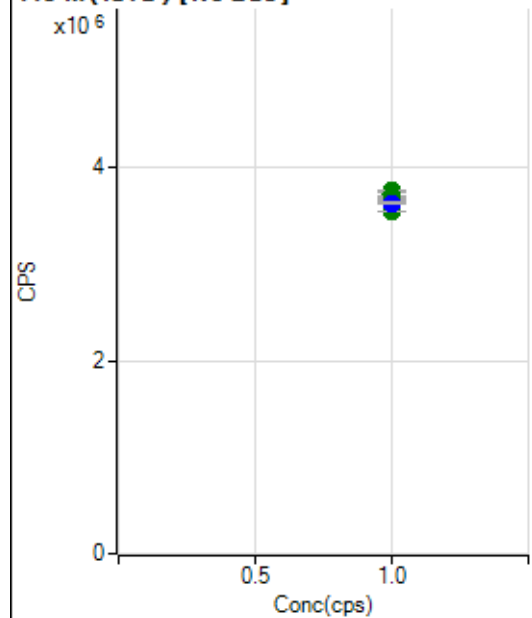
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		651212.44		P	0.3
2	☐	1.000					
3	☐	1.000		661034.28		P	0.9
4	☐	1.000		664908.16		P	0.5
5	☐	1.000		670090.42		P	0.5
6	☐	1.000		671830.97		P	0.5
7	☐	1.000		682327.00		P	0.3
8	☐	1.000		675714.00		P	0.9
9	☐	1.000		655138.59		P	1.2

103 Rh(ISTD) [No Gas]

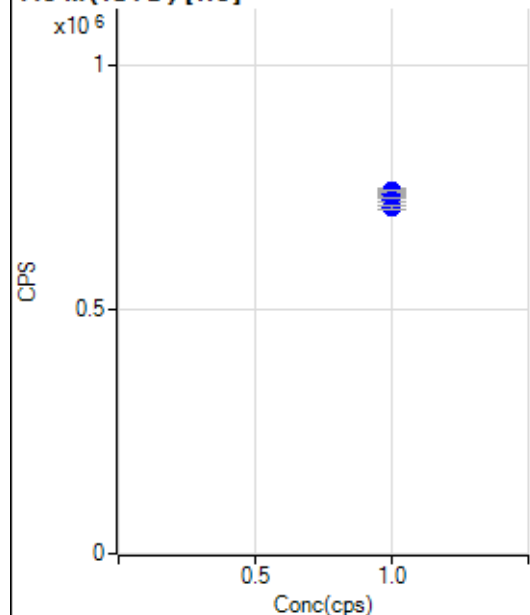
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3756624.00		M	0.2
2	☐	1.000					
3	☐	1.000		3762314.45		A	0.4
4	☐	1.000		3677480.98		A	0.9
5	☐	1.000		3783117.27		M	2.8
6	☐	1.000		3855769.36		P	0.7
7	☐	1.000		3771192.84		M	3.5
8	☐	1.000		3736045.27		P	0.6
9	☐	1.000		3397518.65		P	0.8

103 Rh (ISTD) [He]

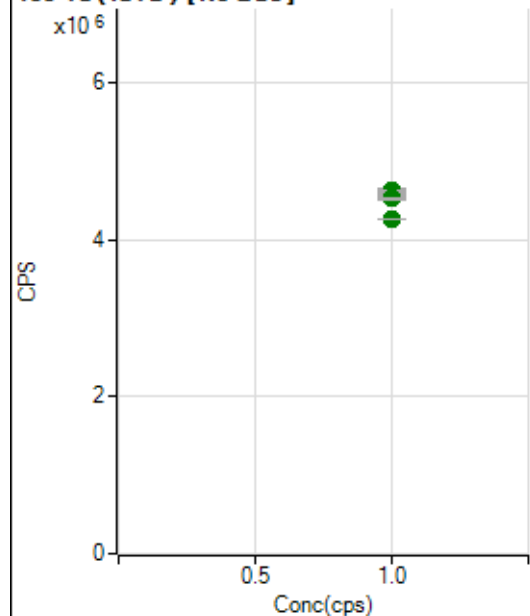
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1885865.86		P	0.5
2	☐	1.000					
3	☐	1.000		1921032.17		P	1.0
4	☐	1.000		1924186.08		P	0.9
5	☐	1.000		1929180.23		P	1.0
6	☐	1.000		1909927.73		P	0.5
7	☐	1.000		1923779.66		P	0.7
8	☐	1.000		1867486.38		P	0.9
9	☐	1.000		1692176.43		P	1.4

115 In (ISTD) [No Gas]

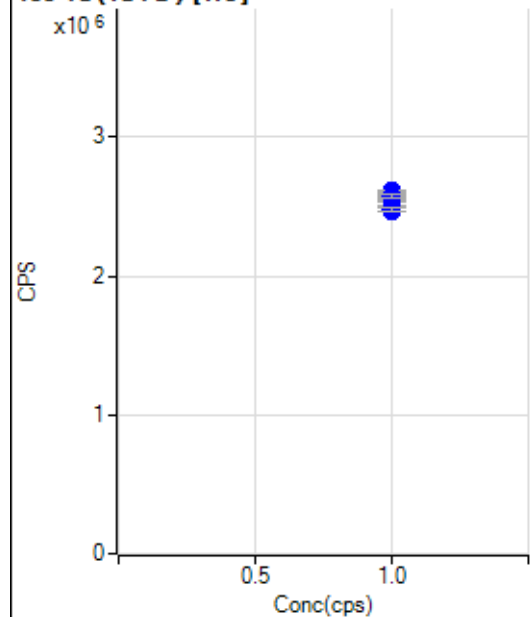
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3731244.20		A	1.3
2	☐	1.000					
3	☐	1.000		3759318.89		A	0.7
4	☐	1.000		3709874.90		A	0.2
5	☐	1.000		3676714.88		A	0.4
6	☐	1.000		3655048.71		A	0.7
7	☐	1.000		3651054.52		A	0.6
8	☐	1.000		3545857.40		A	0.2
9	☐	1.000		3634043.45		P	0.5

115 In (ISTD) [He]

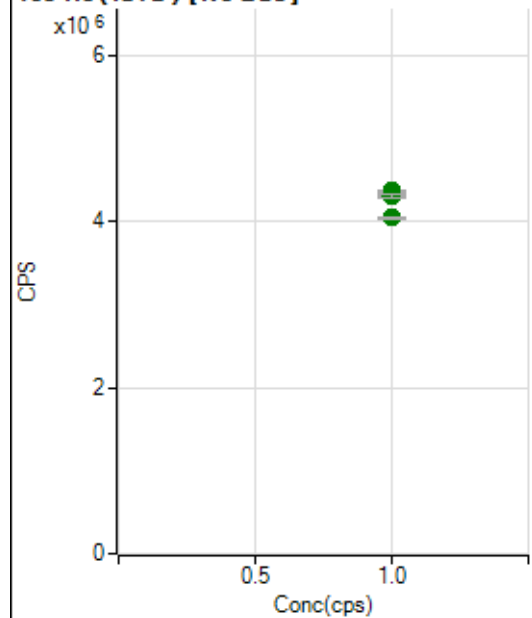
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		718936.39		P	0.4
2	☐	1.000					
3	☐	1.000		730456.09		P	1.0
4	☐	1.000		734817.98		P	1.4
5	☐	1.000		741121.00		P	1.2
6	☐	1.000		734453.07		P	0.7
7	☐	1.000		741625.47		P	0.8
8	☐	1.000		722772.10		P	1.2
9	☐	1.000		707813.25		P	1.5

159 Tb (ISTD) [No Gas]

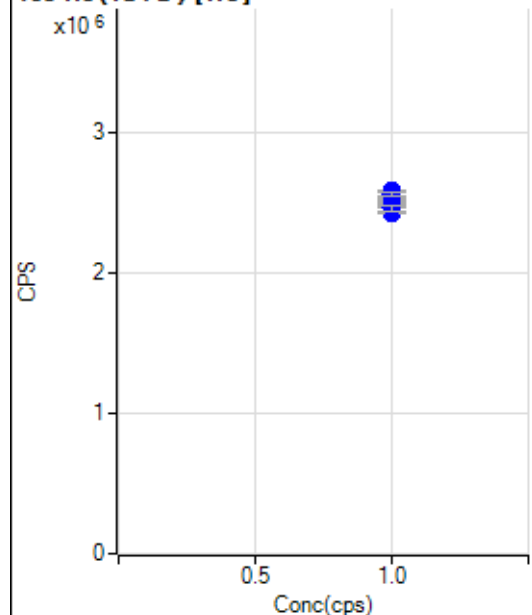
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4618157.60		A	1.0
2	☐	1.000					
3	☐	1.000		4617063.89		A	1.1
4	☐	1.000		4605957.71		A	1.1
5	☐	1.000		4576863.30		A	0.6
6	☐	1.000		4595805.31		A	0.3
7	☐	1.000		4611758.96		A	0.3
8	☐	1.000		4518549.48		A	0.8
9	☐	1.000		4254045.28		A	0.2

159 Tb (ISTD) [He]

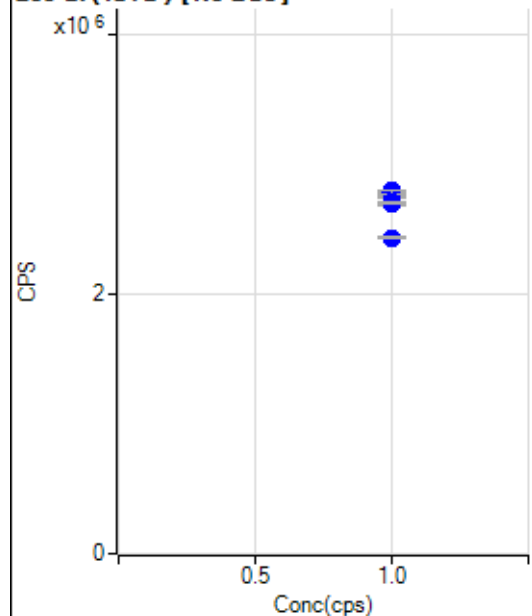
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2464370.17		P	0.3
2	☐	1.000					
3	☐	1.000		2505670.38		P	0.6
4	☐	1.000		2540245.85		P	0.6
5	☐	1.000		2553359.08		P	0.3
6	☐	1.000		2575015.43		P	0.4
7	☐	1.000		2613880.57		P	0.7
8	☐	1.000		2578676.30		P	0.8
9	☐	1.000		2475280.00		P	1.0

165 Ho (ISTD) [No Gas]

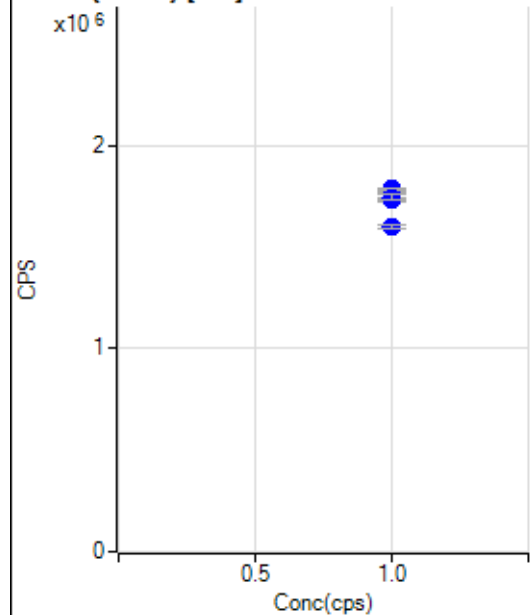
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4341721.02		A	1.8
2	☐	1.000					
3	☐	1.000		4362325.36		A	0.5
4	☐	1.000		4334190.29		A	0.2
5	☐	1.000		4338817.33		A	0.3
6	☐	1.000		4301153.87		A	0.6
7	☐	1.000		4350866.59		A	0.0
8	☐	1.000		4304812.12		A	0.9
9	☐	1.000		4034880.64		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2430370.71		P	0.6
2	☐	1.000					
3	☐	1.000		2476339.49		P	1.1
4	☐	1.000		2501644.27		P	0.9
5	☐	1.000		2528174.73		P	0.5
6	☐	1.000		2541012.41		P	0.7
7	☐	1.000		2584697.10		P	0.5
8	☐	1.000		2559010.78		P	1.0
9	☐	1.000		2460302.83		P	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2688622.11		P	0.7
2	☐	1.000					
3	☐	1.000		2752719.68		P	0.4
4	☐	1.000		2751503.12		P	0.5
5	☐	1.000		2772548.78		P	0.1
6	☐	1.000		2794277.04		P	0.5
7	☐	1.000		2784174.13		P	0.6
8	☐	1.000		2705535.31		P	0.3
9	☐	1.000		2433750.78		P	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1729970.72		P	1.0
2	☐	1.000					
3	☐	1.000		1769027.54		P	1.4
4	☐	1.000		1779790.56		P	0.7
5	☐	1.000		1781696.64		P	0.7
6	☐	1.000		1780127.91		P	0.5
7	☐	1.000		1785931.22		P	0.7
8	☐	1.000		1746151.05		P	1.2
9	☐	1.000		1602680.29		P	1.0