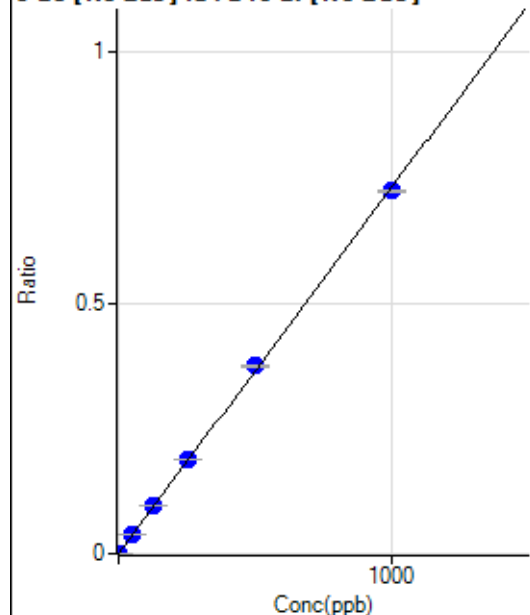


Batch Folder: D:\ICP-MS Data\P7051719 MS.b\
Analysis File: P7051719 MS.batch.bin
DA Date-Time: 2019-05-17 23:54:21
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-17 13:18:33
2			
3	005CAL.S.d	S02	2019-05-17 13:26:46
4	006CAL.S.d	S03	2019-05-17 13:30:43
5	007CAL.S.d	S04	2019-05-17 13:34:39
6	008CAL.S.d	S05	2019-05-17 13:38:31
7	009CAL.S.d	S06	2019-05-17 13:42:21
8	010CAL.S.d	S07	2019-05-17 13:46:09
9	011CAL.S.d	S08	2019-05-17 13:49:55

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	54.45	0.0000	P	13.0
2	☐	0.100					
3	☐	1.000	0.914	1662.34	0.0007	P	4.0
4	☐	50.000	52.376	91491.07	0.0383	P	0.8
5	☐	125.000	129.870	225286.66	0.0949	P	0.4
6	☐	250.000	257.080	432618.13	0.1878	P	0.4
7	☐	500.000	512.422	840937.98	0.3744	P	0.3
8	☐	1000.000	991.292	1588654.35	0.7242	P	0.4
9	☐			350.01	0.0002	P	3.1

$$y = 7.3054\text{E-}004 * x + 2.2781\text{E-}005$$

$$R = 0.9999$$

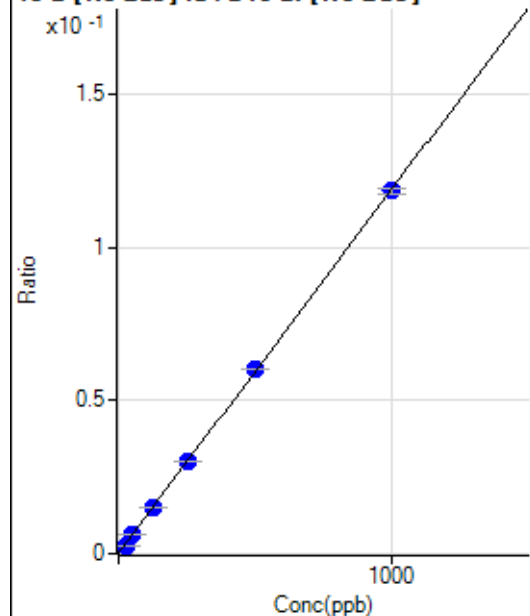
$$DL = 0.01215$$

$$BEC = 0.03118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	466.69	0.0002	P	5.1
2	☐	2.500					
3	☐	25.000	21.365	6576.68	0.0027	P	1.2
4	☐	50.000	49.545	14521.34	0.0061	P	1.3
5	☐	125.000	123.780	35347.67	0.0149	P	1.7
6	☐	250.000	252.401	69460.06	0.0302	P	1.5
7	☐	500.000	506.208	135430.02	0.0603	P	0.9
8	☐	1000.000	996.562	259941.07	0.1185	P	1.4
9	☐			9130.89	0.0043	P	7.3

$$y = 1.1871\text{E-}004 * x + 1.9521\text{E-}004$$

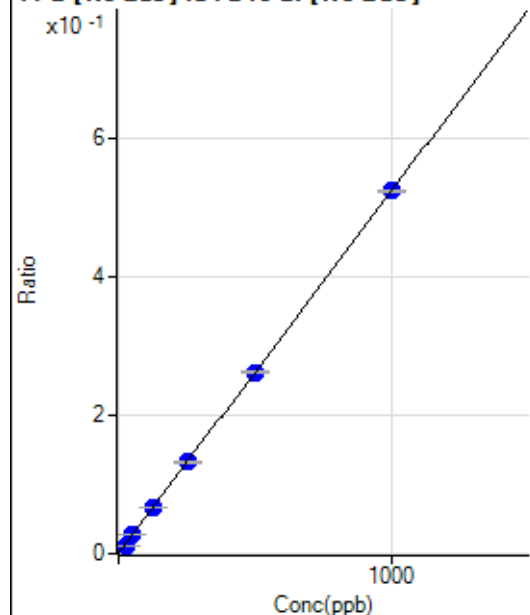
$$R = 1.0000$$

$$DL = 0.2524$$

$$BEC = 1.644$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2053.01	0.0009	P	7.3
2	☐	2.500					
3	☐	25.000	21.540	29142.76	0.0121	P	0.4
4	☐	50.000	49.397	63676.80	0.0266	P	0.4
5	☐	125.000	124.917	156849.08	0.0661	P	1.5
6	☐	250.000	250.632	303327.95	0.1317	P	1.7
7	☐	500.000	499.908	588187.17	0.2618	P	1.4
8	☐	1000.000	1000.015	1147099.21	0.5229	P	0.6
9	☐			39845.30	0.0190	P	6.5

$$y = 5.2205E-004 * x + 8.5896E-004$$

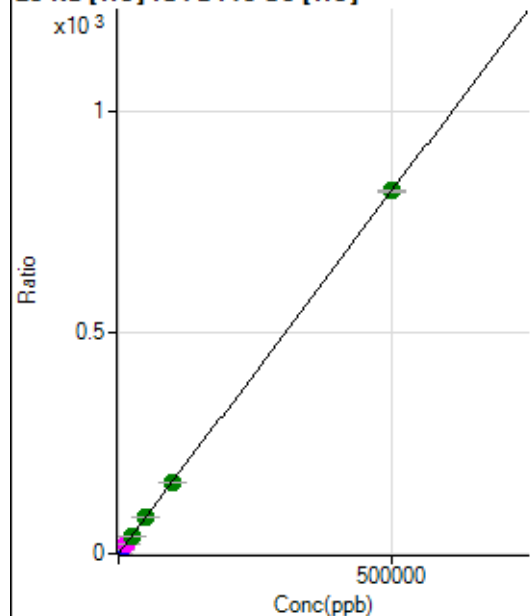
$$R = 1.0000$$

$$DL = 0.3589$$

$$BEC = 1.645$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3331.06	0.0157	P	5.0
2	☐	50.000					
3	☐	500.000	430.956	153603.20	0.7225	P	2.1
4	☐	5000.000	4940.182	1689034.17	8.1180	P	0.2
5	☐	12500.000	12550.852	4164226.65	20.6000	M	6.1
6	☐	25000.000	24659.620	8143861.99	40.4593	A	0.1
7	☐	50000.000	49662.873	15984641.85	81.4664	A	0.7
8	☐	100000.00	98292.352	30667184.02	161.2222	A	0.3
9	☐	500000.00	500391.65	155754232.6	820.6939	A	0.7

$$y = 0.0016 * x + 0.0157$$

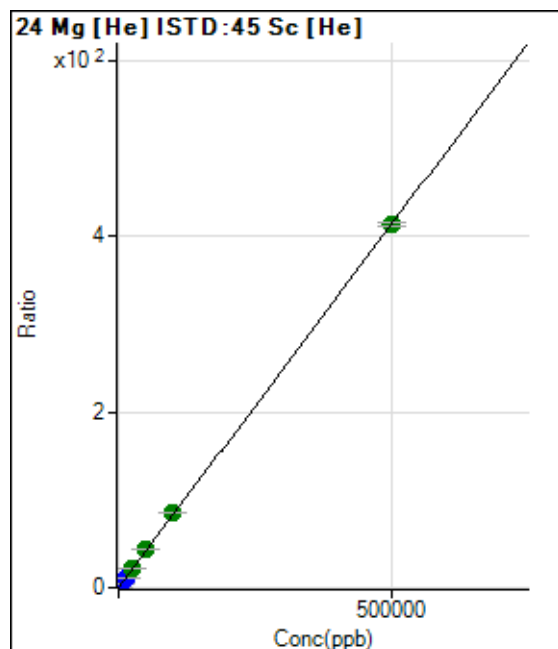
$$R = 1.0000$$

$$DL = 1.445$$

$$BEC = 9.581$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0005	P	11.8
2	☐	50.000					
3	☐	500.000	468.347	82479.90	0.3880	P	0.4
4	☐	5000.000	5252.604	904262.39	4.3461	P	0.9
5	☐	12500.000	13284.131	2221315.35	10.9909	P	6.6
6	☐	25000.000	25984.987	4327352.79	21.4987	A	0.5
7	☐	50000.000	52198.406	8473797.06	43.1858	A	0.3
8	☐	100000.00	102805.37	16177871.54	85.0545	A	1.0
9	☐	500000.00	499147.73	78371370.50	412.9608	A	1.1

$$y = 8.2733\text{E-}004 * x + 4.9787\text{E-}004$$

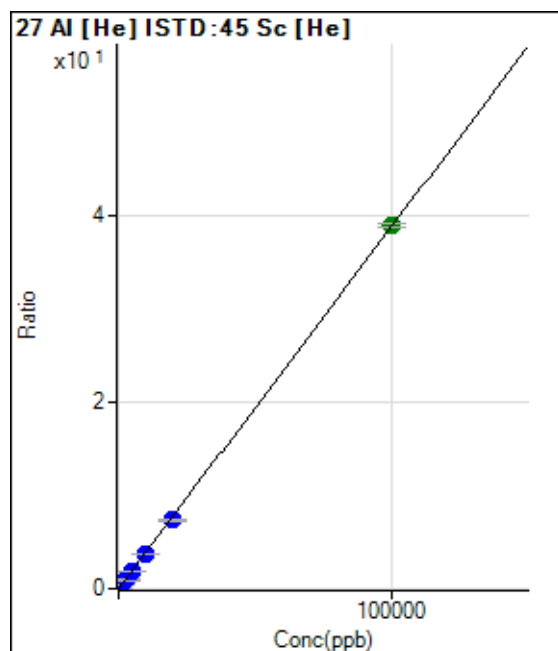
$$R = 1.0000$$

$$DL = 0.2136$$

$$BEC = 0.6018$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0001	P	49.4
2	☐	2.000					
3	☐	20.000	17.068	1425.14	0.0067	P	9.3
4	☐	1000.000	967.754	78000.79	0.3749	P	0.8
5	☐	2500.000	2460.534	192584.32	0.9531	P	7.0
6	☐	5000.000	4818.347	375648.85	1.8662	P	0.6
7	☐	10000.000	9586.954	728554.71	3.7131	P	0.8
8	☐	20000.000	18914.102	1393381.79	7.3255	P	0.7
9	☐	100000.00	100268.87	7370061.88	38.8342	A	0.9

$$y = 3.8730\text{E-}004 * x + 9.1687\text{E-}005$$

$$R = 0.9999$$

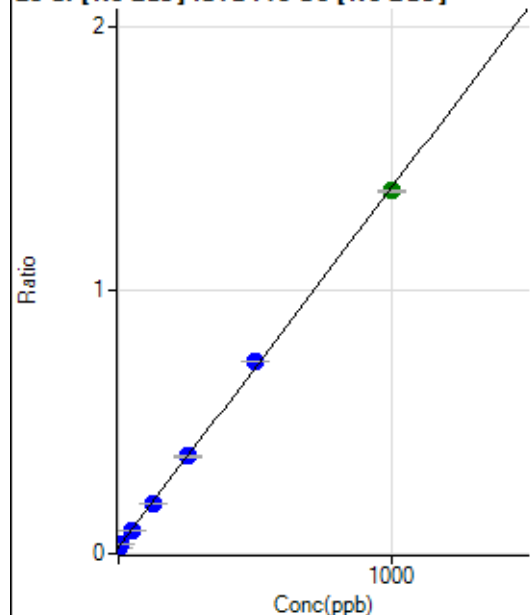
$$DL = 0.3511$$

$$BEC = 0.2367$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	112535.49	0.0242	P	0.9
2	☐	1.000					
3	☐	10.000	6.622	153908.73	0.0332	P	0.8
4	☐	50.000	46.851	405834.08	0.0881	P	1.0
5	☐	125.000	121.519	859351.03	0.1901	P	1.9
6	☐	250.000	253.168	1604467.44	0.3699	P	1.9
7	☐	500.000	517.345	3090809.29	0.7307	P	0.6
8	☐	1000.000	991.162	5716422.87	1.3779	A	0.4
9	☐			206572.78	0.0516	P	0.9

$$y = 0.0014 * x + 0.0242$$

$$R = 0.9997$$

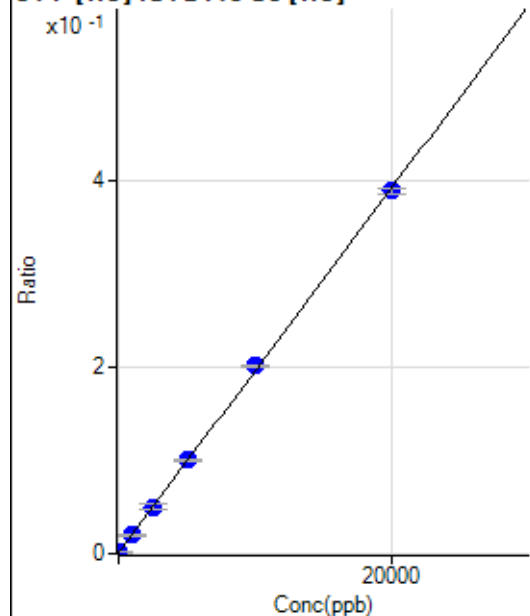
$$DL = 0.4592$$

$$BEC = 17.69$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-24.367	66.67	0.0003	P	33.2
2	☐	0.000					
3	☐	0.000	24.367	269.46	0.0013	P	12.6
4	☐	1000.000	971.212	4114.63	0.0198	P	3.0
5	☐	2500.000	2537.581	10176.06	0.0504	P	9.0
6	☐	5000.000	5075.329	20128.23	0.1000	P	1.1
7	☐	10000.000	10244.061	39444.77	0.2010	P	0.7
8	☐	20000.000	19855.879	73972.81	0.3889	P	1.6
9	☐			91.67	0.0005	P	33.1

$$y = 1.9547E-005 * x + 7.9093E-004$$

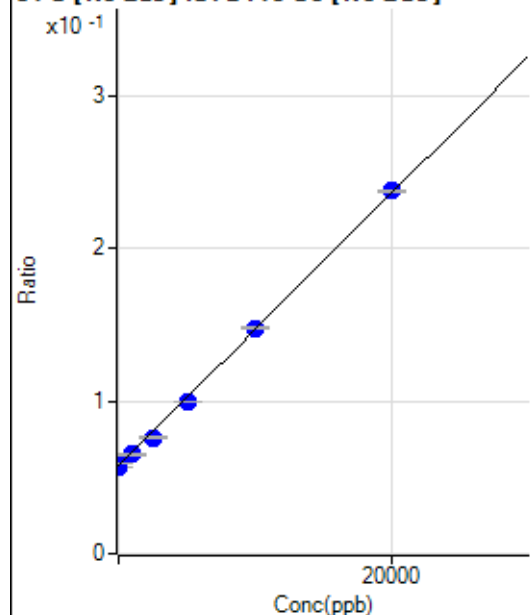
$$R = 0.9999$$

$$DL = 20.29$$

$$BEC = 40.46$$

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	-112.855	265489.39	0.0570	P	0.8
2	☐	0.000					
3	☐	0.000	112.855	273548.52	0.0590	P	0.6
4	☐	1000.000	778.206	299057.28	0.0650	P	1.4
5	☐	2500.000	2031.890	344293.48	0.0762	P	0.5
6	☐	5000.000	4641.706	431551.14	0.0995	P	0.5
7	☐	10000.000	10060.078	625703.05	0.1479	P	0.8
8	☐	20000.000	20129.138	987218.46	0.2380	P	0.5
9	☐			223746.97	0.0559	P	0.5

$$y = 8.9398\text{E-}006 * x + 0.0580$$

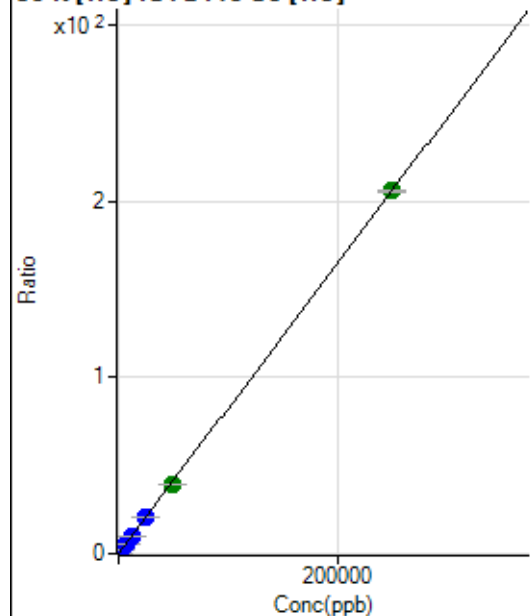
$$R = 0.9996$$

$$DL = 128.2$$

$$BEC = 6488$$

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	12616.94	0.0595	P	1.9
2	☐	50.000					
3	☐	500.000	434.106	88605.98	0.4168	P	1.5
4	☐	2500.000	2475.852	436350.95	2.0972	P	0.1
5	☐	6250.000	6250.930	1051855.19	5.2042	P	6.5
6	☐	12500.000	12328.643	2054397.14	10.2064	P	0.5
7	☐	25000.000	24754.058	4009322.62	20.4329	P	0.4
8	☐	50000.000	48252.122	7565241.84	39.7725	A	0.5
9	☐	250000.00	250383.08	39120961.64	206.1325	A	0.6

$$y = 8.2303\text{E-}004 * x + 0.0595$$

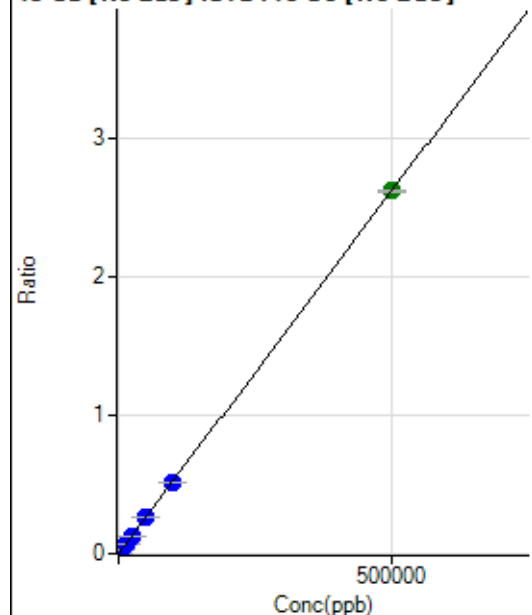
$$R = 1.0000$$

$$DL = 4.196$$

$$BEC = 72.32$$

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	77.78	0.0000	P	27.0
2	☐	50.000					
3	☐	500.000	432.979	10581.97	0.0023	P	1.1
4	☐	5000.000	4880.628	117682.24	0.0256	P	0.9
5	☐	12500.000	12307.648	291250.82	0.0644	P	0.6
6	☐	25000.000	24682.432	560373.56	0.1292	P	0.1
7	☐	50000.000	50052.017	1108034.80	0.2620	P	1.1
8	☐	100000.00	98277.990	2134111.03	0.5144	P	0.5
9	☐	500000.00	500361.14	10475407.88	2.6188	A	0.3

$$y = 5.2338\text{E-}006 * x + 1.6699\text{E-}005$$

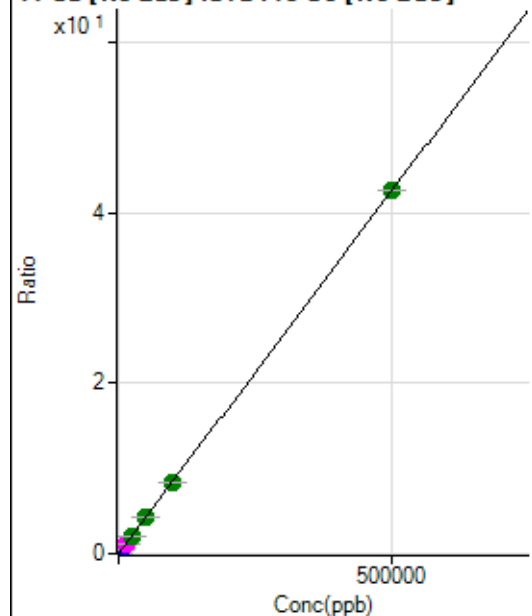
$$R = 1.0000$$

$$DL = 2.585$$

$$BEC = 3.191$$

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	5065.11	0.0011	P	7.1
2	☐	50.000					
3	☐	500.000	432.140	175479.78	0.0379	P	0.5
4	☐	5000.000	4932.139	1937032.05	0.4207	P	0.7
5	☐	12500.000	12363.102	4759982.83	1.0530	M	0.4
6	☐	25000.000	24695.962	9118509.15	2.1024	A	0.5
7	☐	50000.000	50186.367	18065175.58	4.2713	A	0.9
8	☐	100000.00	98327.034	34714893.48	8.3674	A	0.3
9	☐	500000.00	500335.32	170293226.0	42.5730	A	0.2

$$y = 8.5087\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

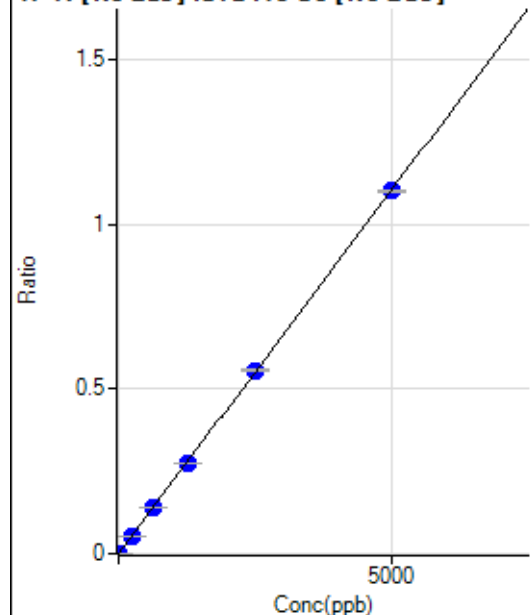
$$DL = 2.733$$

$$BEC = 12.78$$

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	88.89	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	4.522	4712.04	0.0010	P	3.0
4	☐	250.000	248.545	252481.73	0.0548	P	1.2
5	☐	625.000	624.999	623256.19	0.1379	P	0.5
6	☐	1250.000	1247.005	1193086.49	0.2751	P	0.3
7	☐	2500.000	2521.772	2352725.77	0.5563	P	0.7
8	☐	5000.000	4989.936	4566586.47	1.1007	P	0.6
9	☐			1802.97	0.0005	P	5.1

$$y = 2.2058E-004 * x + 1.9083E-005$$

$$R = 1.0000$$

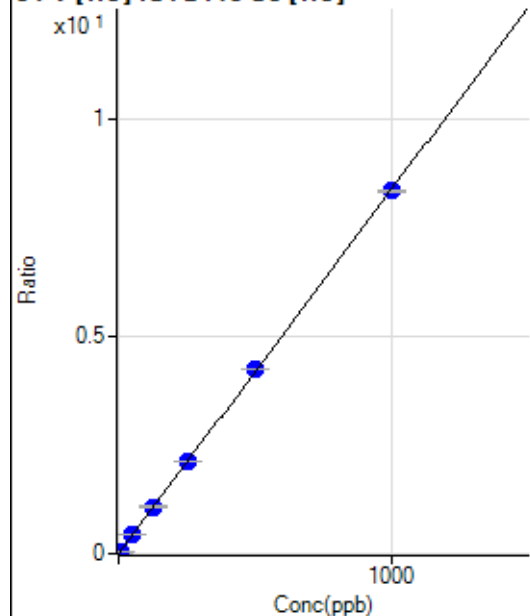
$$DL = 0.05062$$

$$BEC = 0.08651$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.683	8331.35	0.0392	P	0.2
4	☐	50.000	51.104	88960.84	0.4276	P	0.8
5	☐	125.000	129.154	218390.79	1.0806	P	6.5
6	☐	250.000	251.531	423587.25	2.1044	P	0.3
7	☐	500.000	505.999	830642.82	4.2334	P	0.7
8	☐	1000.000	996.045	1585060.51	8.3333	P	0.9
9	☐			218.89	0.0012	P	15.7

$$y = 0.0084 * x + 1.0495E-005$$

$$R = 1.0000$$

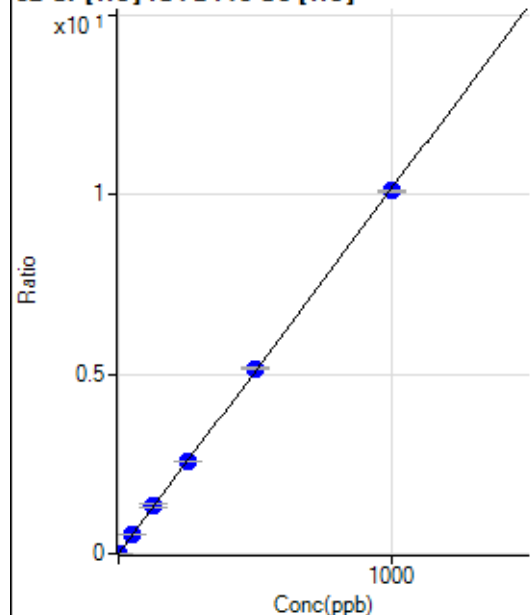
$$DL = 0.003259$$

$$BEC = 0.001254$$

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	504.46	0.0024	P	2.5
2	☐	0.200					
3	☐	2.000	1.799	4390.73	0.0207	P	1.4
4	☐	50.000	51.798	109950.59	0.5285	P	0.6
5	☐	125.000	130.100	267473.45	1.3237	P	7.1
6	☐	250.000	254.156	520055.63	2.5837	P	0.5
7	☐	500.000	508.113	1013022.60	5.1630	P	0.9
8	☐	1000.000	994.178	1921048.89	10.0996	P	0.7
9	☐			4308.47	0.0227	P	1.7

$$y = 0.0102 * x + 0.0024$$

$$R = 0.9999$$

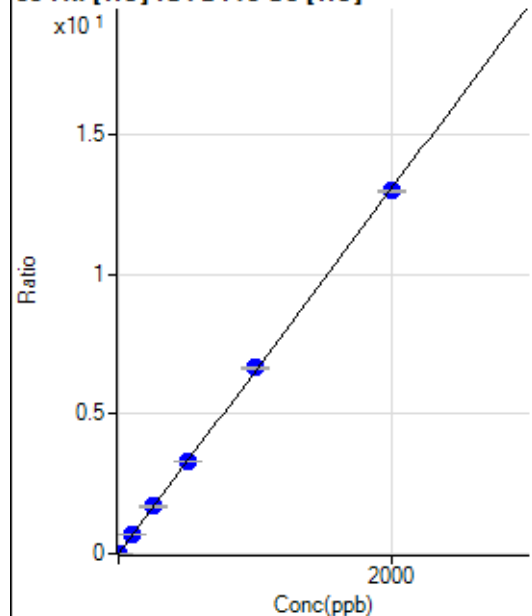
$$DL = 0.01736$$

$$BEC = 0.2343$$

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	30.00	0.0001	P	48.3
2	☐	0.100					
3	☐	1.000	1.044	1478.99	0.0070	P	2.7
4	☐	100.000	102.821	139632.63	0.6711	P	1.2
5	☐	250.000	259.583	342397.88	1.6941	P	6.5
6	☐	500.000	507.631	666820.24	3.3128	P	0.5
7	☐	1000.000	1017.995	1303446.79	6.6433	P	1.3
8	☐	2000.000	1987.756	2467359.29	12.9718	P	0.7
9	☐			5633.38	0.0297	P	1.0

$$y = 0.0065 * x + 1.4145E-004$$

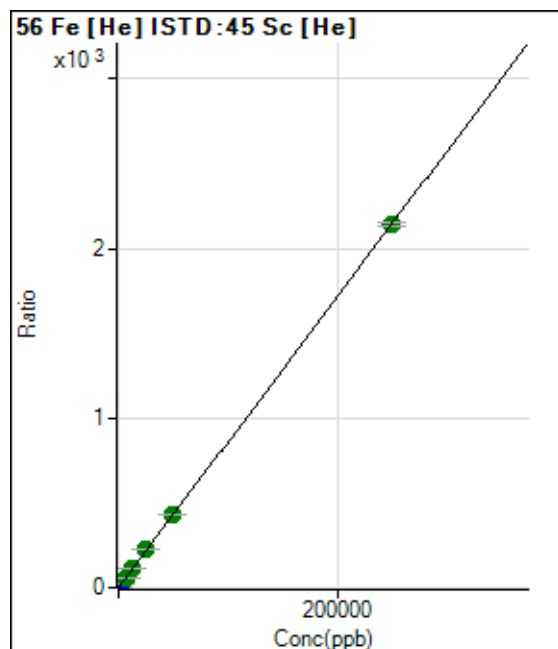
$$R = 0.9999$$

$$DL = 0.03142$$

$$BEC = 0.02168$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2820.72	0.0133	P	4.3
2	☐	5.000					
3	☐	50.000	49.421	92789.65	0.4365	P	1.7
4	☐	2500.000	2652.870	4728966.14	22.7290	P	0.3
5	☐	6250.000	6650.618	11513802.00	56.9604	A	6.2
6	☐	12500.000	12989.450	22390569.48	111.2378	A	0.5
7	☐	25000.000	25947.135	43595676.90	222.1904	A	1.0
8	☐	50000.000	50710.298	82595032.40	434.2294	A	0.6
9	☐	250000.00	249727.21	405813042.4	2,138.347	A	1.2

$$y = 0.0086 * x + 0.0133$$

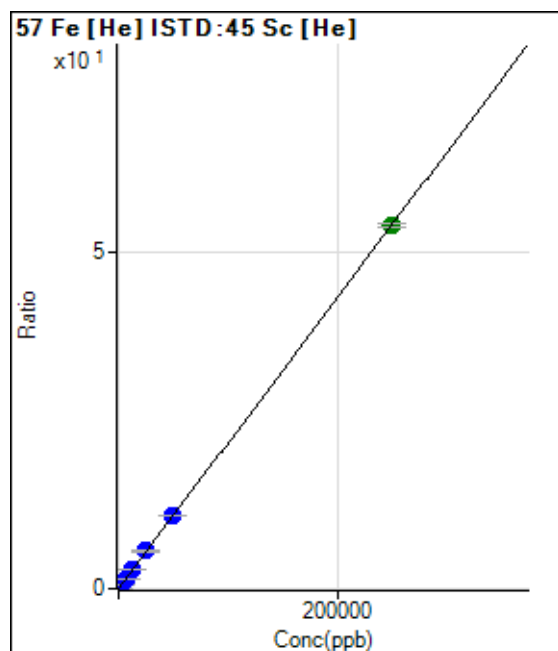
$$R = 1.0000$$

$$DL = 0.1996$$

$$BEC = 1.554$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0005	P	0.4
2	☐	5.000					
3	☐	50.000	49.753	2389.15	0.0112	P	3.1
4	☐	2500.000	2662.960	119432.30	0.5740	P	0.4
5	☐	6250.000	6628.433	288585.45	1.4280	P	6.8
6	☐	12500.000	13056.474	566089.18	2.8124	P	1.1
7	☐	25000.000	25937.095	1096080.70	5.5864	P	1.1
8	☐	50000.000	50620.199	2073679.99	10.9021	P	0.8
9	☐	250000.00	249743.33	10207461.80	53.7855	A	0.9

$$y = 2.1536E-004 * x + 5.2414E-004$$

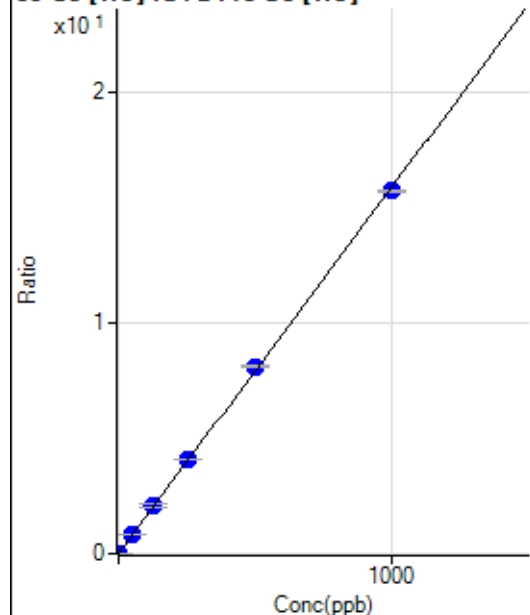
$$R = 1.0000$$

$$DL = 0.02793$$

$$BEC = 2.434$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0002	P	23.2
2	☐	0.100					
3	☐	1.000	0.914	3130.38	0.0147	P	3.2
4	☐	50.000	52.674	173781.36	0.8352	P	0.1
5	☐	125.000	131.360	420911.61	2.0826	P	6.5
6	☐	250.000	258.231	824022.76	4.0938	P	0.3
7	☐	500.000	511.748	1591769.87	8.1127	P	1.0
8	☐	1000.000	991.140	2988601.86	15.7122	P	0.7
9	☐			34414.92	0.1813	P	0.9

$$y = 0.0159 * x + 2.3589E-004$$

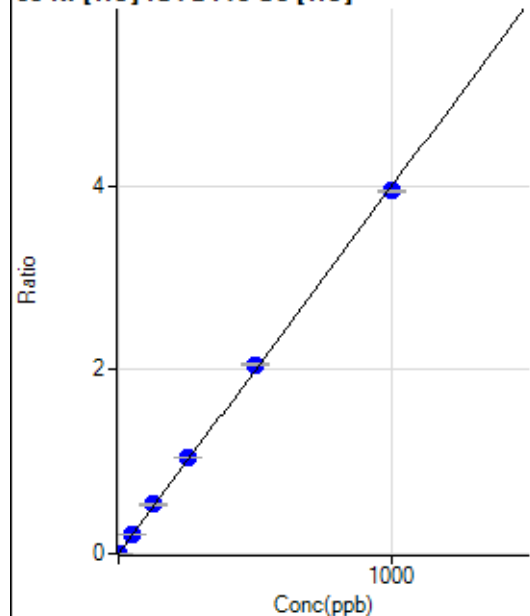
$$R = 0.9999$$

$$DL = 0.01037$$

$$BEC = 0.01488$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0001	P	25.1
2	☐	0.100					
3	☐	1.000	1.057	924.49	0.0043	P	7.1
4	☐	50.000	53.618	44591.08	0.2143	P	0.7
5	☐	125.000	134.126	108310.64	0.5359	P	6.7
6	☐	250.000	261.783	210526.33	1.0459	P	0.2
7	☐	500.000	515.371	403998.42	2.0590	P	0.4
8	☐	1000.000	988.047	750802.19	3.9472	P	0.8
9	☐			7031.78	0.0371	P	1.7

$$y = 0.0040 * x + 1.2581E-004$$

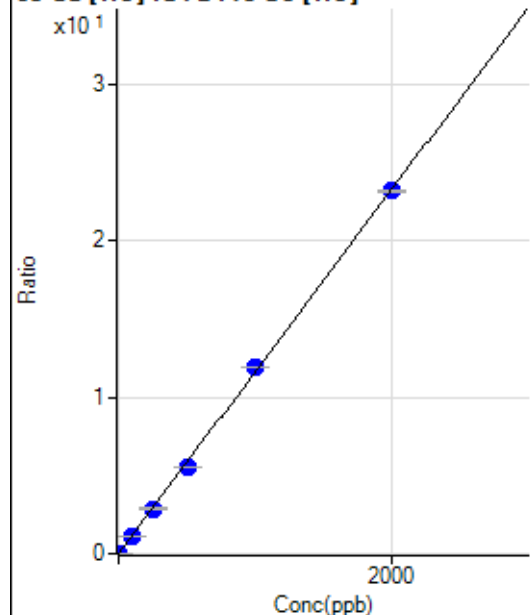
$$R = 0.9997$$

$$DL = 0.02375$$

$$BEC = 0.03149$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	364.45	0.0017	P	15.9
2	☐	0.200					
3	☐	2.000	1.725	4631.92	0.0218	P	4.4
4	☐	100.000	98.484	238683.89	1.1472	P	1.2
5	☐	250.000	246.071	578795.07	2.8638	P	6.6
6	☐	500.000	476.361	1115607.68	5.5424	P	0.3
7	☐	1000.000	1025.986	2341838.96	11.9353	P	0.7
8	☐	2000.000	1993.484	4410635.25	23.1886	P	0.8
9	☐			2864.78	0.0151	P	1.7

$$y = 0.0116 * x + 0.0017$$

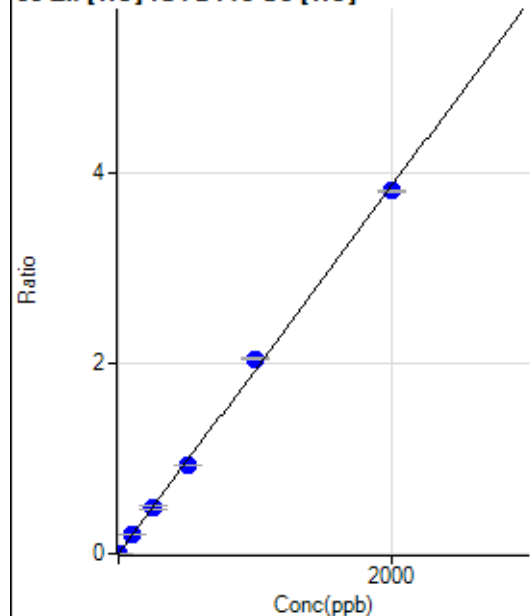
$$R = 0.9998$$

$$DL = 0.07035$$

$$BEC = 0.1479$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	162.23	0.0008	P	1.0
2	☐	0.200					
3	☐	2.000	2.420	1157.84	0.0054	P	8.1
4	☐	100.000	99.817	40339.15	0.1939	P	1.2
5	☐	250.000	251.621	98521.88	0.4876	P	7.1
6	☐	500.000	485.076	189061.38	0.9393	P	0.1
7	☐	1000.000	1057.929	401763.73	2.0476	P	1.0
8	☐	2000.000	1974.573	726796.99	3.8211	P	0.9
9	☐			4320.72	0.0228	P	1.3

$$y = 0.0019 * x + 7.6526E-004$$

$$R = 0.9994$$

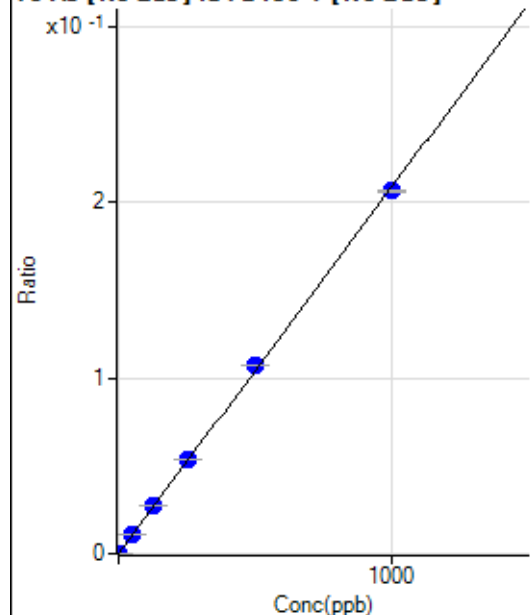
$$DL = 0.01153$$

$$BEC = 0.3955$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-266.98	0.0000	P	-2.1
2	☐	0.100					
3	☐	1.000	0.901	1141.41	0.0002	P	4.5
4	☐	50.000	52.494	80617.89	0.0109	P	1.2
5	☐	125.000	130.789	200309.57	0.0272	P	1.2
6	☐	250.000	257.663	382529.19	0.0536	P	0.3
7	☐	500.000	513.552	748729.48	0.1069	P	0.4
8	☐	1000.000	990.460	1423191.02	0.2063	P	0.6
9	☐			1711.49	0.0003	P	3.4

$$y = 2.0830E-004 * x - 3.5372E-005$$

$$R = 0.9998$$

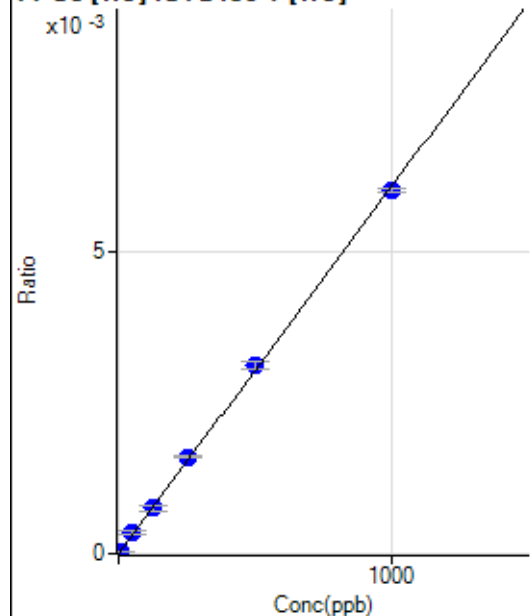
$$DL = 0.01062$$

$$BEC = -0.1698$$

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	3.971	28.89	0.0000	P	17.7
4	☐	50.000	58.045	413.34	0.0004	P	11.7
5	☐	125.000	124.387	853.37	0.0008	P	12.8
6	☐	250.000	263.407	1815.70	0.0016	P	2.8
7	☐	500.000	515.626	3471.59	0.0031	P	3.9
8	☐	1000.000	988.515	6454.89	0.0060	P	1.0
9	☐			3.33	0.0000	P	100.

$$y = 6.0869E-006 * x + 0.0000E+000$$

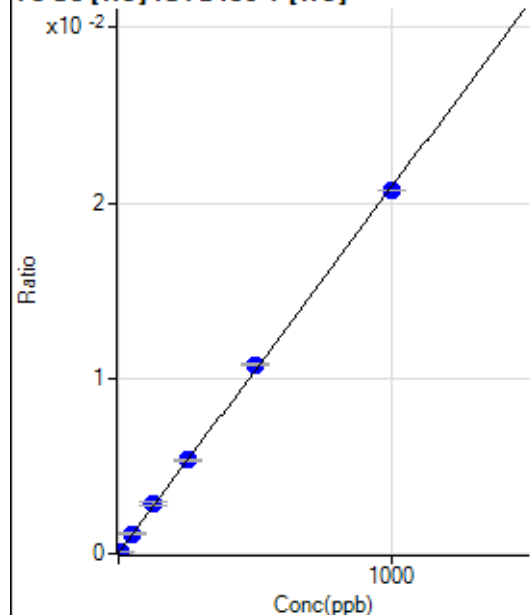
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.12	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.997	164.82	0.0001	P	11.9
4	☐	50.000	52.622	1324.15	0.0011	P	4.6
5	☐	125.000	133.409	3180.01	0.0028	P	9.0
6	☐	250.000	254.666	6055.64	0.0053	P	1.2
7	☐	500.000	515.373	11931.52	0.0108	P	1.8
8	☐	1000.000	989.965	22193.56	0.0207	P	0.0
9	☐			43.21	0.0000	P	18.0

$$y = 2.0864\text{E-}005 * x + 3.3662\text{E-}005$$

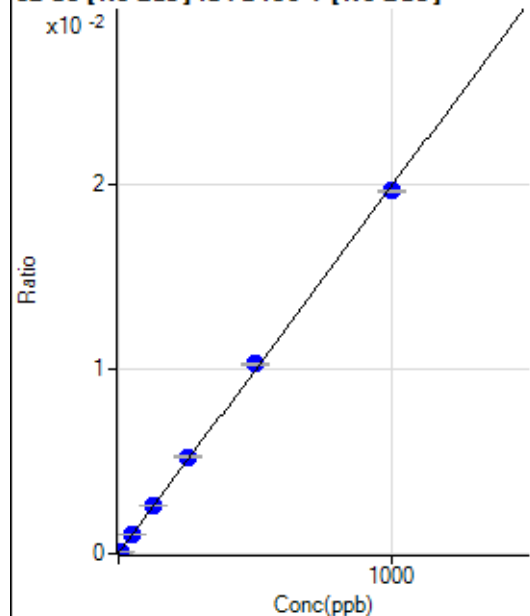
$$R = 0.9998$$

$$DL = 1.379$$

$$BEC = 1.613$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.95	0.0000	P	48.6
2	☐	0.500					
3	☐	5.000	4.459	795.23	0.0001	P	7.0
4	☐	50.000	53.260	7971.60	0.0011	P	0.9
5	☐	125.000	130.738	19289.08	0.0026	P	0.6
6	☐	250.000	263.664	37560.36	0.0053	P	0.6
7	☐	500.000	515.832	72022.72	0.0103	P	0.6
8	☐	1000.000	987.790	135795.55	0.0197	P	0.4
9	☐			82.26	0.0000	P	74.8

$$y = 1.9908\text{E-}005 * x + 1.7350\text{E-}005$$

$$R = 0.9997$$

$$DL = 1.271$$

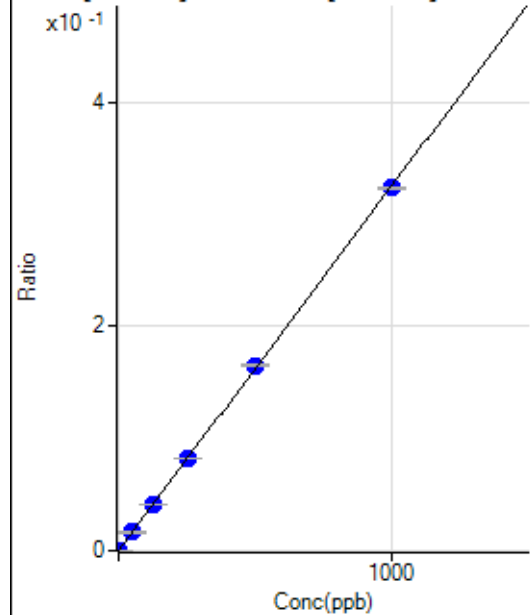
$$BEC = 0.8715$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			271.12		P	14.2
2	☐						
3	☐			323.34		P	2.7
4	☐			293.34		P	4.5
5	☐			290.01		P	5.7
6	☐			263.34		P	16.5
7	☐			253.34		P	25.2
8	☐			273.34		P	13.9
9	☐			314.45		P	12.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	436.14	0.0001	P	13.8
2	☐	0.100					
3	☐	1.000	0.943	2728.16	0.0004	P	6.3
4	☐	50.000	50.244	121166.46	0.0164	P	1.2
5	☐	125.000	125.144	299738.81	0.0407	P	0.8
6	☐	250.000	252.212	584799.81	0.0820	P	0.8
7	☐	500.000	507.699	1155246.30	0.1650	P	0.9
8	☐	1000.000	995.567	2231919.34	0.3235	P	0.3
9	☐			10298.52	0.0016	P	19.7

$$y = 3.2487\text{E-}004 * x + 5.7801\text{E-}005$$

$$R = 1.0000$$

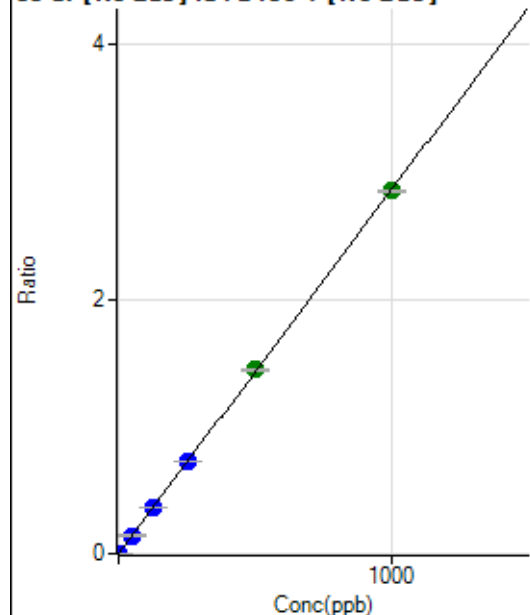
$$DL = 0.07366$$

$$BEC = 0.1779$$

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	91.67	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	0.885	19046.58	0.0025	P	2.2
4	☐	50.000	50.102	1058796.75	0.1431	P	0.5
5	☐	125.000	126.013	2650257.83	0.3600	P	0.7
6	☐	250.000	251.133	5116730.32	0.7174	P	0.0
7	☐	500.000	505.194	10104975.57	1.4432	A	0.4
8	☐	1000.000	996.988	19650364.15	2.8481	A	0.2
9	☐			79230.19	0.0122	P	0.2

$$y = 0.0029 * x + 1.2156E-005$$

$$R = 1.0000$$

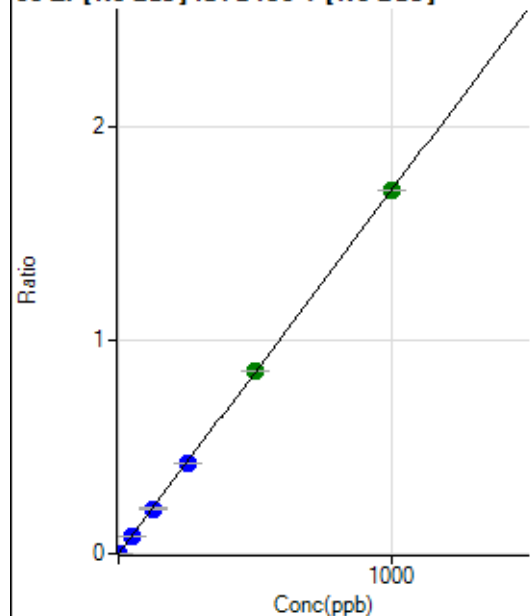
$$DL = 0.00467$$

$$BEC = 0.004255$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	561.15	0.0001	P	14.9
2	☐	0.100					
3	☐	1.000	0.840	11252.12	0.0015	P	5.0
4	☐	50.000	49.546	623122.53	0.0842	P	0.6
5	☐	125.000	124.168	1553385.34	0.2110	P	0.8
6	☐	250.000	248.329	3009150.91	0.4219	P	0.5
7	☐	500.000	503.879	5993686.81	0.8560	A	0.3
8	☐	1000.000	998.605	11704338.98	1.6964	A	0.1
9	☐			3467.24	0.0005	P	9.7

$$y = 0.0017 * x + 7.4345E-005$$

$$R = 1.0000$$

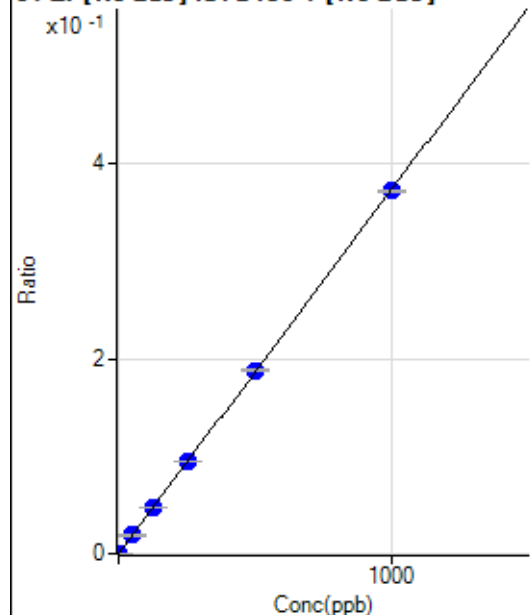
$$DL = 0.01958$$

$$BEC = 0.04377$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0000	P	22.8
2	☐	0.100					
3	☐	1.000	0.891	2622.58	0.0003	P	1.6
4	☐	50.000	50.159	138559.01	0.0187	P	1.5
5	☐	125.000	126.102	346495.81	0.0471	P	0.7
6	☐	250.000	253.407	674429.11	0.0946	P	0.7
7	☐	500.000	504.379	1317704.71	0.1882	P	0.7
8	☐	1000.000	996.813	2566032.27	0.3719	P	0.5
9	☐			786.17	0.0001	P	7.3

$$y = 3.7309\text{E-}004 * x + 1.7311\text{E-}005$$

$$R = 1.0000$$

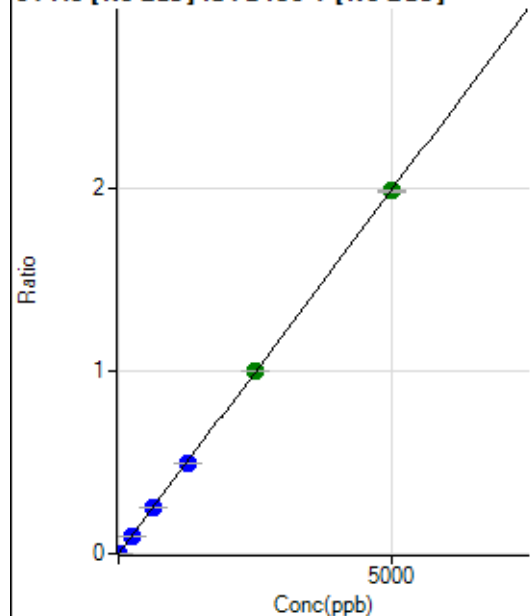
$$DL = 0.03178$$

$$BEC = 0.0464$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	258.35	0.0000	P	22.1
2	☐	0.500					
3	☐	5.000	4.430	13481.84	0.0018	P	1.8
4	☐	250.000	248.504	732445.95	0.0990	P	0.4
5	☐	625.000	625.057	1833204.36	0.2490	P	0.2
6	☐	1250.000	1254.758	3564821.70	0.4998	P	0.2
7	☐	2500.000	2517.657	7021680.62	1.0029	A	0.6
8	☐	5000.000	4990.051	13713574.09	1.9876	A	0.4
9	☐			5192.81	0.0008	P	10.3

$$y = 3.9832\text{E-}004 * x + 3.4207\text{E-}005$$

$$R = 1.0000$$

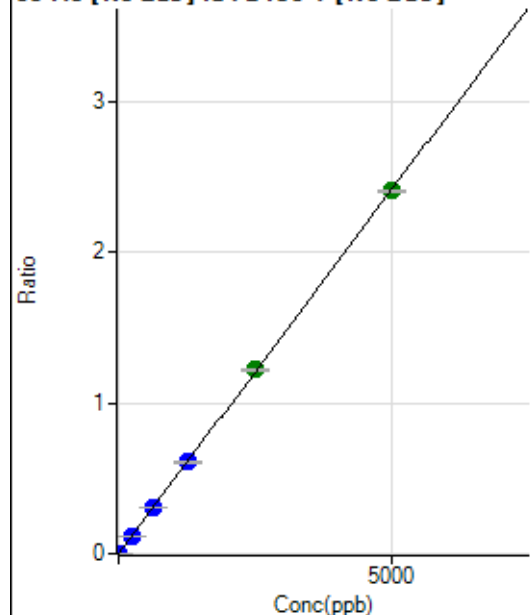
$$DL = 0.05703$$

$$BEC = 0.08588$$

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	69.45	0.0000	P	42.2
2	☐	0.500					
3	☐	5.000	4.664	16919.04	0.0023	P	2.8
4	☐	250.000	248.484	886087.90	0.1198	P	0.3
5	☐	625.000	625.905	2221336.46	0.3017	P	0.5
6	☐	1250.000	1255.698	4317145.45	0.6053	P	0.2
7	☐	2500.000	2524.718	8521184.22	1.2170	A	0.6
8	☐	5000.000	4986.179	16582973.46	2.4036	A	0.6
9	☐			6687.98	0.0010	P	4.3

$$y = 4.8204\text{E-}004 * x + 9.1991\text{E-}006$$

$$R = 1.0000$$

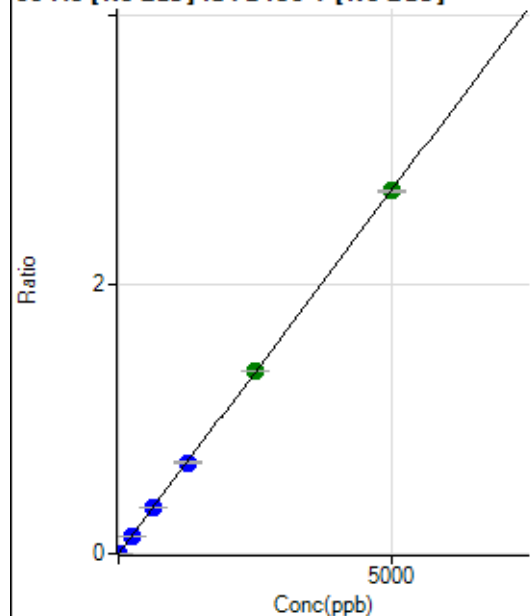
$$DL = 0.02414$$

$$BEC = 0.01908$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	45.4
2	☐	0.500					
3	☐	5.000	4.580	18607.21	0.0025	P	2.0
4	☐	250.000	248.267	989744.61	0.1338	P	0.3
5	☐	625.000	627.024	2487705.09	0.3379	P	0.5
6	☐	1250.000	1256.102	4827823.89	0.6769	P	0.9
7	☐	2500.000	2510.902	9473894.22	1.3531	A	0.7
8	☐	5000.000	4992.857	18563331.67	2.6906	A	0.6
9	☐			10304.13	0.0016	P	3.5

$$y = 5.3888\text{E-}004 * x + 1.4726\text{E-}005$$

$$R = 1.0000$$

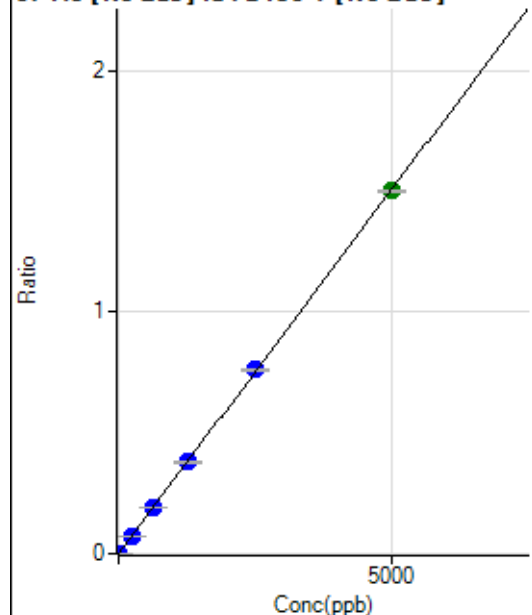
$$DL = 0.03721$$

$$BEC = 0.02733$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	4.475	10145.66	0.0014	P	2.5
4	☐	250.000	249.158	555056.96	0.0750	P	0.4
5	☐	625.000	629.195	1394999.17	0.1895	P	0.9
6	☐	1250.000	1258.020	2701969.51	0.3788	P	1.1
7	☐	2500.000	2524.328	5322526.42	0.7602	P	0.3
8	☐	5000.000	4985.349	10357936.34	1.5013	A	0.4
9	☐			3847.91	0.0006	P	4.8

$$y = 3.0114E-004 * x + 6.2575E-006$$

$$R = 1.0000$$

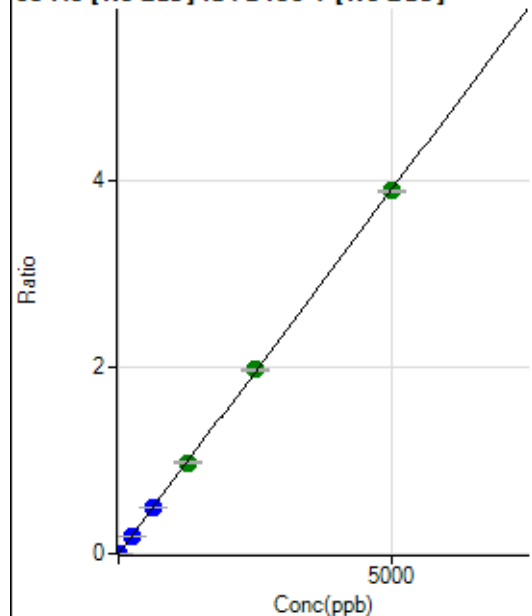
$$DL = 0.01687$$

$$BEC = 0.02078$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.557	26731.52	0.0036	P	0.8
4	☐	250.000	248.851	1435804.98	0.1941	P	0.2
5	☐	625.000	626.058	3594966.44	0.4883	P	0.4
6	☐	1250.000	1250.059	6953814.39	0.9750	A	0.9
7	☐	2500.000	2526.019	13794604.99	1.9702	A	0.4
8	☐	5000.000	4986.901	26835578.38	3.8895	A	0.3
9	☐			9842.70	0.0015	P	4.5

$$y = 7.7995E-004 * x + 1.2519E-005$$

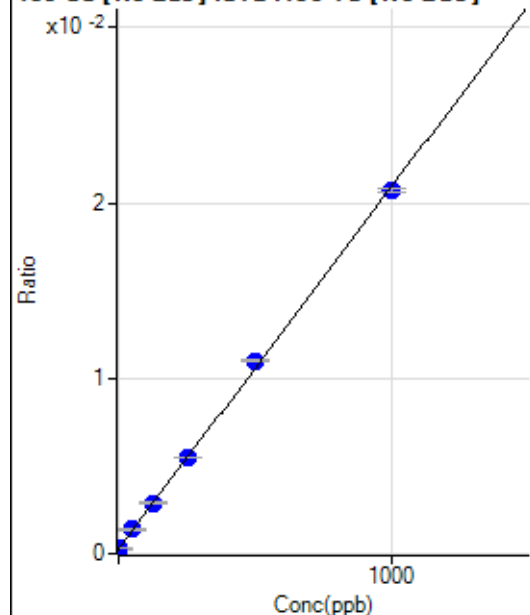
$$R = 1.0000$$

$$DL = 0.006692$$

$$BEC = 0.01605$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2911.53	0.0003	P	5.1
2	☐	0.100					
3	☐	1.000	1.814	3261.63	0.0003	P	9.1
4	☐	50.000	53.778	14655.43	0.0014	P	2.9
5	☐	125.000	127.518	31018.16	0.0029	P	2.1
6	☐	250.000	252.070	57888.67	0.0055	P	0.1
7	☐	500.000	520.119	114980.56	0.0110	P	0.6
8	☐	1000.000	988.918	216256.39	0.0207	P	1.2
9	☐			2667.04	0.0003	P	3.6

$$y = 2.0653\text{E-}005 * x + 2.6998\text{E-}004$$

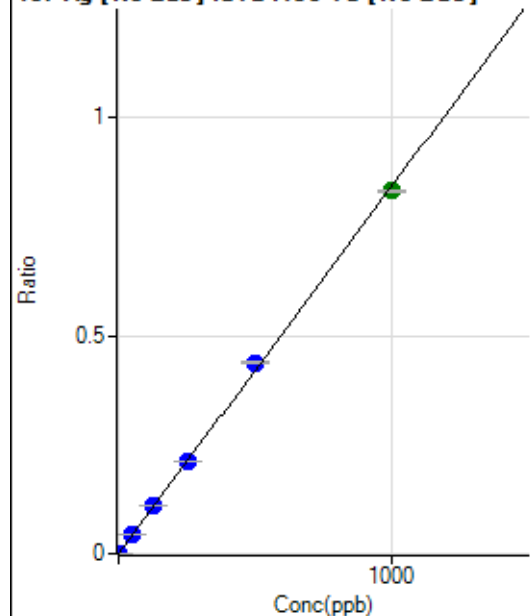
$$R = 0.9997$$

$$DL = 2.004$$

$$BEC = 13.07$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.995	8992.12	0.0008	P	1.8
4	☐	50.000	52.453	469055.90	0.0442	P	1.2
5	☐	125.000	129.381	1164226.64	0.1090	P	0.2
6	☐	250.000	252.626	2249457.39	0.2128	P	0.7
7	☐	500.000	520.314	4576011.17	0.4383	P	0.5
8	☐	1000.000	988.516	8700869.73	0.8326	A	0.6
9	☐			775.06	0.0001	P	19.0

$$y = 8.4227\text{E-}004 * x + 9.5327\text{E-}006$$

$$R = 0.9997$$

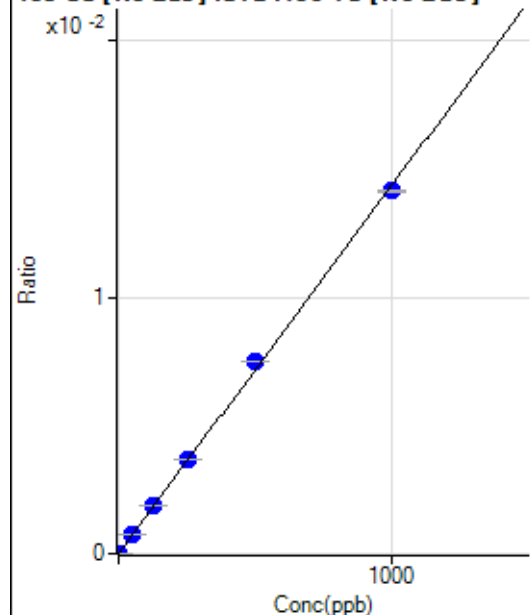
$$DL = 0.003242$$

$$BEC = 0.01132$$

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	9.72	0.0000	P	49.7
2	☐	0.100					
3	☐	1.000	0.777	127.78	0.0000	P	16.1
4	☐	50.000	53.493	8155.26	0.0008	P	3.2
5	☐	125.000	130.050	19940.68	0.0019	P	2.0
6	☐	250.000	256.700	38944.03	0.0037	P	0.7
7	☐	500.000	522.818	78328.96	0.0075	P	0.4
8	☐	1000.000	986.110	147855.99	0.0141	P	0.5
9	☐			29.17	0.0000	P	49.7

$$y = 1.4347\text{E-}005 * x + 9.0270\text{E-}007$$

$$R = 0.9996$$

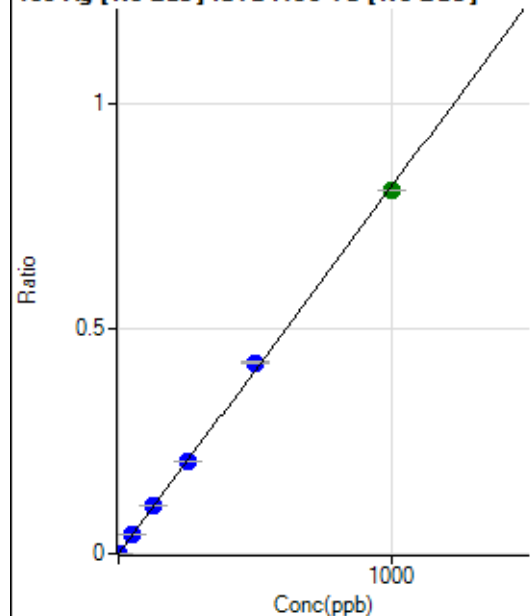
$$DL = 0.09372$$

$$BEC = 0.06292$$

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	47.23	0.0000	P	20.9
2	☐	0.100					
3	☐	1.000	0.967	8400.09	0.0008	P	3.7
4	☐	50.000	52.190	451391.98	0.0425	P	0.8
5	☐	125.000	129.282	1125225.03	0.1053	P	0.5
6	☐	250.000	251.756	2168315.61	0.2051	P	0.5
7	☐	500.000	520.925	4431463.25	0.4244	P	0.2
8	☐	1000.000	988.454	8415773.10	0.8053	A	0.1
9	☐			850.06	0.0001	P	10.4

$$y = 8.1471\text{E-}004 * x + 4.3827\text{E-}006$$

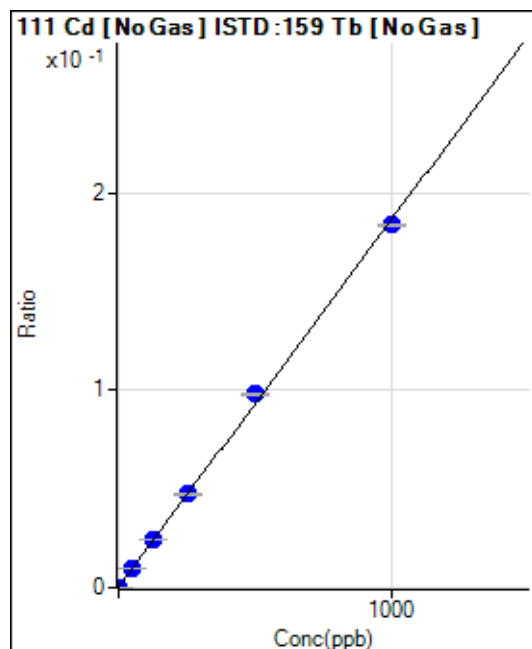
$$R = 0.9997$$

$$DL = 0.00338$$

$$BEC = 0.005379$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2043.77	0.0002	P	5.1
2	☐	0.100					
3	☐	1.000	0.997	3981.34	0.0004	P	5.1
4	☐	50.000	52.473	105853.87	0.0100	P	0.5
5	☐	125.000	129.836	260601.90	0.0244	P	0.8
6	☐	250.000	253.400	501396.98	0.0474	P	0.9
7	☐	500.000	525.122	1024177.82	0.0981	P	0.3
8	☐	1000.000	985.861	1922653.28	0.1840	P	0.6
9	☐			2128.46	0.0002	P	2.1

$$y = 1.8643\text{E-}004 * x + 1.8952\text{E-}004$$

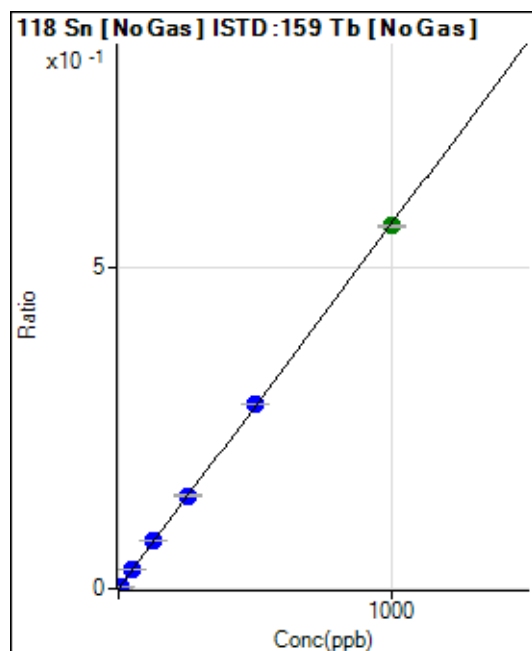
$$R = 0.9995$$

$$DL = 0.1551$$

$$BEC = 1.017$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	438.91	0.0000	P	11.4
2	☐	0.500					
3	☐	5.000	4.999	30467.25	0.0029	P	2.0
4	☐	50.000	51.785	311819.09	0.0294	P	0.2
5	☐	125.000	129.949	786766.98	0.0736	P	0.5
6	☐	250.000	255.342	1529504.07	0.1447	P	0.3
7	☐	500.000	507.474	3001920.45	0.2875	P	0.3
8	☐	1000.000	994.220	5885768.58	0.5632	A	0.2
9	☐			2041.91	0.0002	P	2.3

$$y = 5.6644\text{E-}004 * x + 4.0710\text{E-}005$$

$$R = 0.9999$$

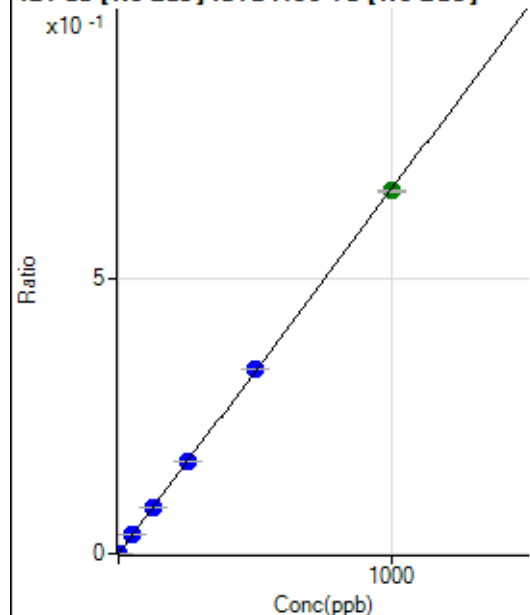
$$DL = 0.02458$$

$$BEC = 0.07187$$

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	127.78	0.0000	P	22.6
2	☐	0.200					
3	☐	2.000	1.724	12247.47	0.0012	P	1.1
4	☐	50.000	51.316	361163.76	0.0340	P	0.4
5	☐	125.000	128.702	911362.64	0.0853	P	0.3
6	☐	250.000	253.486	1776252.19	0.1680	P	0.4
7	☐	500.000	506.569	3505833.32	0.3358	P	0.4
8	☐	1000.000	995.316	6893964.56	0.6597	A	0.4
9	☐			9459.13	0.0010	P	2.9

$$y = 6.6278\text{E-}004 * x + 1.1843\text{E-}005$$

$$R = 1.0000$$

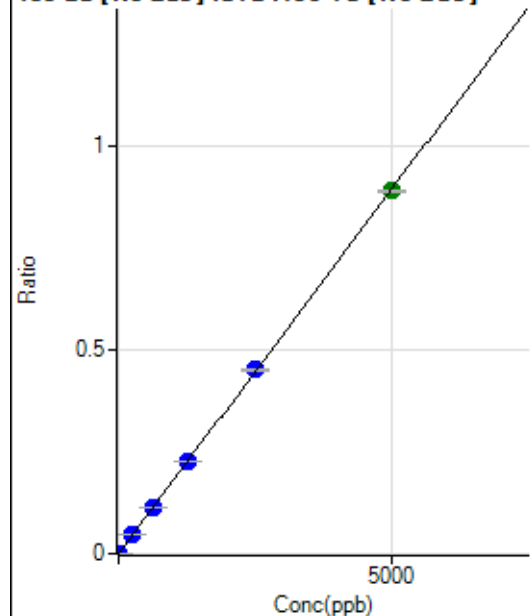
$$DL = 0.0121$$

$$BEC = 0.01787$$

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	8.33	0.0000	P	99.7
2	☐	1.000					
3	☐	10.000	9.276	17584.03	0.0017	P	1.5
4	☐	250.000	254.430	482455.02	0.0455	P	1.2
5	☐	625.000	640.971	1223157.65	0.1145	P	0.5
6	☐	1250.000	1262.389	2384003.85	0.2255	P	0.5
7	☐	2500.000	2527.662	4714689.95	0.4515	P	0.6
8	☐	5000.000	4980.855	9298081.89	0.8898	A	0.6
9	☐			1308.45	0.0001	P	4.9

$$y = 1.7863\text{E-}004 * x + 7.7232\text{E-}007$$

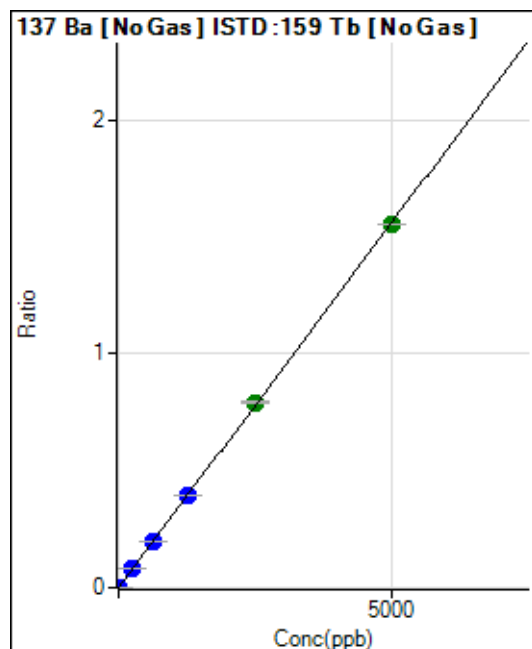
$$R = 1.0000$$

$$DL = 0.01293$$

$$BEC = 0.004323$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.1
2	☐	1.000					
3	☐	10.000	9.293	30743.14	0.0029	P	0.8
4	☐	250.000	255.680	845805.98	0.0797	P	1.0
5	☐	625.000	638.273	2124884.84	0.1989	P	0.6
6	☐	1250.000	1261.676	4156554.82	0.3932	P	0.4
7	☐	2500.000	2543.589	8276659.56	0.7927	A	0.4
8	☐	5000.000	4973.345	16196514.42	1.5498	A	0.1
9	☐			2316.98	0.0002	P	10.8

$$y = 3.1163\text{E-}004 * x + 2.5753\text{E-}006$$

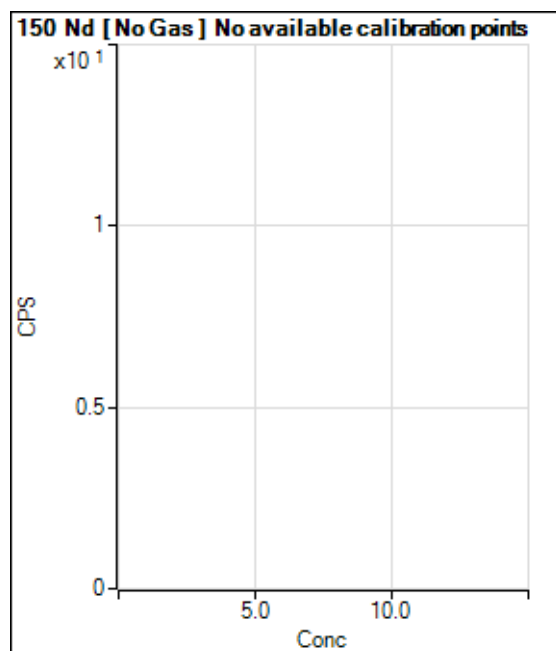
$$R = 0.9999$$

$$DL = 0.004245$$

$$BEC = 0.008264$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	100.
4	☐			53.34		P	37.5
5	☐			95.56		P	31.5
6	☐			222.23		P	21.3
7	☐			508.92		P	9.7
8	☐			766.72		P	7.1
9	☐			124.45		P	16.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			7.78		P	49.5
5	☐			17.78		P	39.0
6	☐			30.00		P	50.9
7	☐			71.11		P	31.2
8	☐			80.00		P	12.5
9	☐			64.45		P	30.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.56		P	173.
4	☐			11.11		P	114.
5	☐			41.67		P	52.9
6	☐			41.67		P	40.0
7	☐			127.79		P	55.5
8	☐			130.56		P	35.2
9	☐			63.89		P	86.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			5.55		P	69.3
4	☐			15.55		P	24.8
5	☐			28.89		P	24.0
6	☐			60.00		P	33.8
7	☐			130.00		P	9.2
8	☐			168.89		P	6.0
9	☐			32.22		P	15.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	56.8
2	☐						
3	☐			41.67		P	34.6
4	☐			58.33		P	37.8
5	☐			44.45		P	10.8
6	☐			44.44		P	21.7
7	☐			141.67		P	21.2
8	☐			52.78		P	9.1
9	☐			77.78		P	68.9

160 Gd [He] No available calibration points

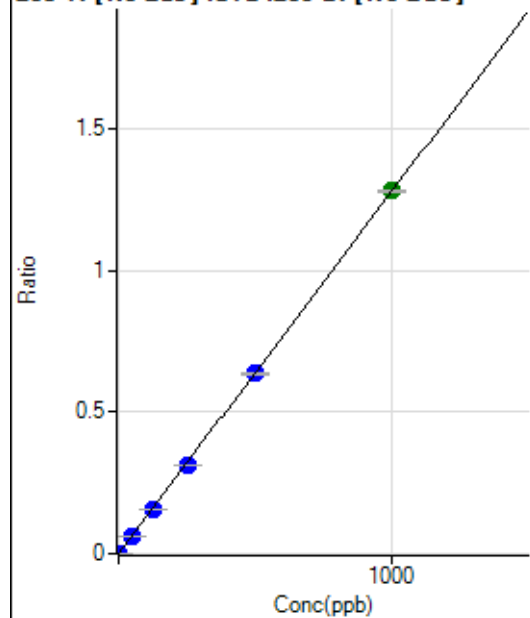
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			141.12		P	16.6
2	☐						
3	☐			121.11		P	15.7
4	☐			128.89		P	20.9
5	☐			163.34		P	12.7
6	☐			141.11		P	3.6
7	☐			150.00		P	13.3
8	☐			137.78		P	5.0
9	☐			137.78		P	11.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐						
3	☐			44.45		P	28.7
4	☐			25.00		P	66.7
5	☐			50.00		P	60.1
6	☐			30.56		P	63.0
7	☐			41.67		P	20.0
8	☐			61.11		P	15.7
9	☐			50.00		P	28.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	40.0
2	☐						
3	☐			26.67		P	12.5
4	☐			20.00		P	44.1
5	☐			32.22		P	12.0
6	☐			26.67		P	33.1
7	☐			31.11		P	34.4
8	☐			22.22		P	31.2
9	☐			23.34		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	136.12	0.0000	P	33.4
2	☐	0.100					
3	☐	1.000	0.832	7838.75	0.0011	P	1.5
4	☐	50.000	48.431	445494.82	0.0619	P	0.7
5	☐	125.000	122.217	1130363.26	0.1561	P	0.7
6	☐	250.000	245.420	2240456.45	0.3135	P	0.7
7	☐	500.000	497.359	4424489.34	0.6353	P	0.4
8	☐	1000.000	1002.892	8830254.80	1.2809	A	0.4
9	☐			1377.92	0.0002	P	8.5

$$y = 0.0013 * x + 1.8253E-005$$

$$R = 1.0000$$

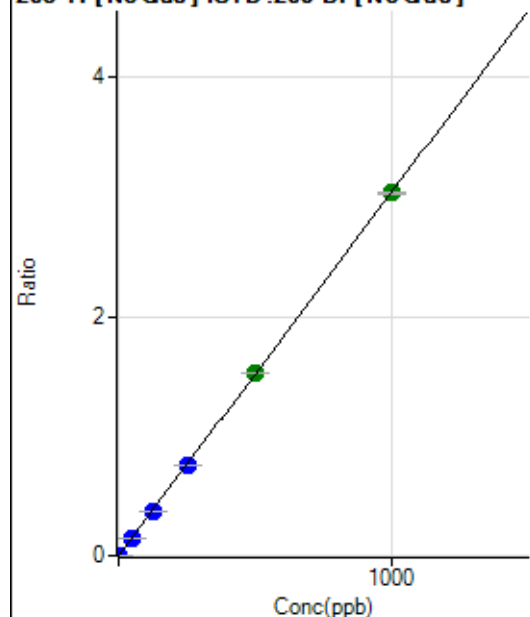
$$DL = 0.01433$$

$$BEC = 0.01429$$

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	341.69	0.0000	P	14.3
2	☐	0.100					
3	☐	1.000	0.828	18555.24	0.0026	P	2.5
4	☐	50.000	48.904	1069100.07	0.1485	P	0.2
5	☐	125.000	123.844	2722156.92	0.3760	P	0.5
6	☐	250.000	249.230	5407276.99	0.7566	P	0.7
7	☐	500.000	503.579	10646729.84	1.5286	A	0.1
8	☐	1000.000	998.602	20895732.41	3.0312	A	0.8
9	☐			3228.31	0.0005	P	7.2

$$y = 0.0030 * x + 4.5850E-005$$

$$R = 1.0000$$

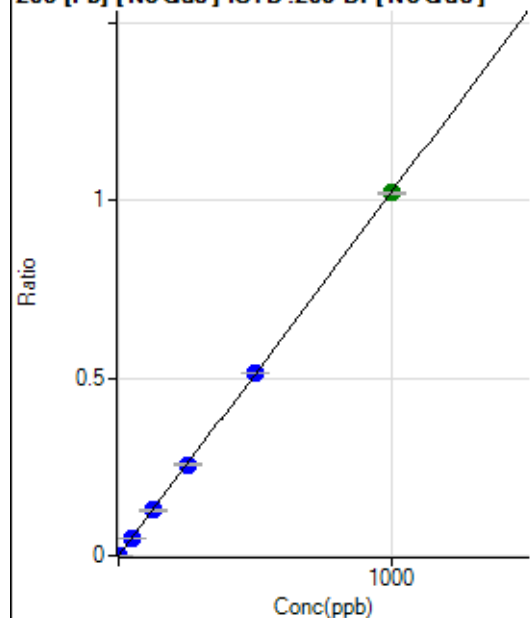
$$DL = 0.006491$$

$$BEC = 0.0151$$

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	305.57	0.0000	P	6.2
2	☐	0.100					
3	☐	1.000	0.898	6957.58	0.0010	P	2.3
4	☐	50.000	49.308	363215.94	0.0504	P	0.1
5	☐	125.000	124.700	923291.43	0.1275	P	0.7
6	☐	250.000	250.977	1834011.62	0.2566	P	0.4
7	☐	500.000	503.418	3584632.05	0.5147	P	0.3
8	☐	1000.000	998.119	7034057.86	1.0204	A	0.7
9	☐			5427.20	0.0009	P	3.6

$$y = 0.0010 * x + 4.1008E-005$$

$$R = 1.0000$$

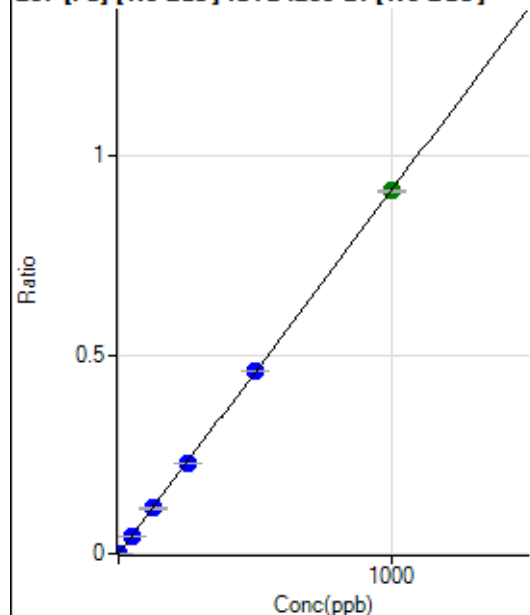
$$DL = 0.007417$$

$$BEC = 0.04011$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	237.05	0.0000	P	11.6
2	☐	0.100					
3	☐	1.000	0.837	5777.33	0.0008	P	1.5
4	☐	50.000	49.412	325182.67	0.0452	P	0.5
5	☐	125.000	124.604	824298.33	0.1138	P	0.5
6	☐	250.000	249.586	1629586.70	0.2280	P	0.3
7	☐	500.000	503.559	3203767.35	0.4600	P	0.0
8	☐	1000.000	998.403	6286907.43	0.9120	A	0.5
9	☐			4639.84	0.0008	P	5.8

$$y = 9.1341\text{E-}004 * x + 3.1829\text{E-}005$$

$$R = 1.0000$$

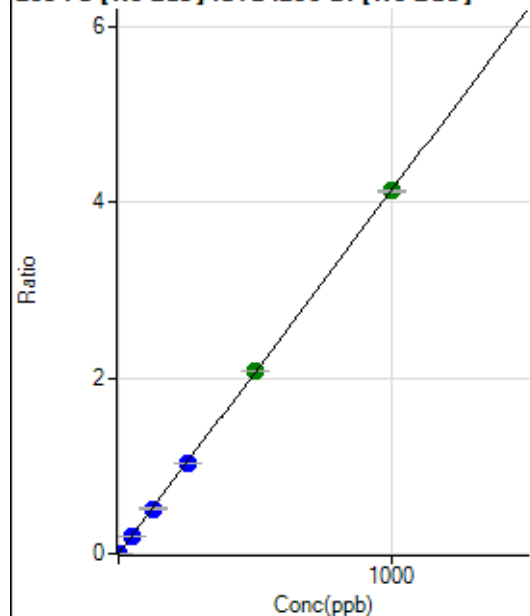
$$DL = 0.01212$$

$$BEC = 0.03485$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1227.84	0.0002	P	3.0
2	☐	0.100					
3	☐	1.000	0.862	27015.22	0.0037	P	1.5
4	☐	50.000	49.170	1463101.83	0.2032	P	0.1
5	☐	125.000	124.227	3715514.86	0.5132	P	0.5
6	☐	250.000	249.711	7371179.91	1.0313	P	0.5
7	☐	500.000	503.018	14468697.26	2.0774	A	0.3
8	☐	1000.000	998.701	28431528.12	4.1243	A	0.2
9	☐			21225.72	0.0035	P	2.3

$$y = 0.0041 * x + 1.6482\text{E-}004$$

$$R = 1.0000$$

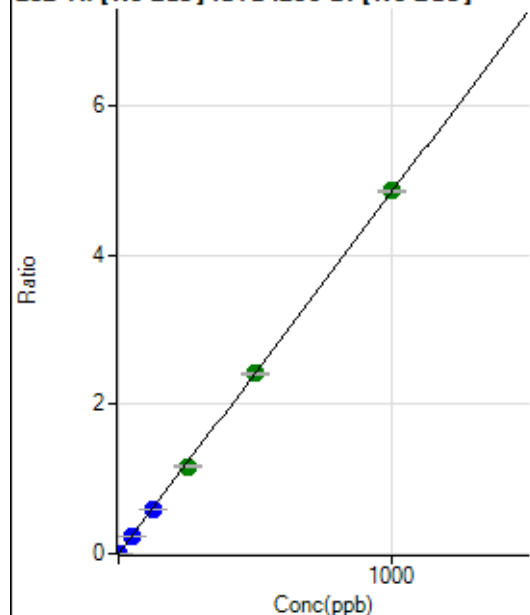
$$DL = 0.003645$$

$$BEC = 0.03991$$

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	200.01	0.0000	P	29.9
2	☐	0.100					
3	☐	1.000	0.773	27353.17	0.0038	P	0.3
4	☐	50.000	46.732	1628669.15	0.2262	P	0.5
5	☐	125.000	120.022	4206207.82	0.5809	P	0.4
6	☐	250.000	241.767	8363396.42	1.1702	A	0.7
7	☐	500.000	497.632	16775315.66	2.4085	A	0.3
8	☐	1000.000	1004.028	33499549.13	4.8595	A	0.4
9	☐			4386.06	0.0007	P	7.7

$$y = 0.0048 * x + 2.6872E-005$$

$$R = 1.0000$$

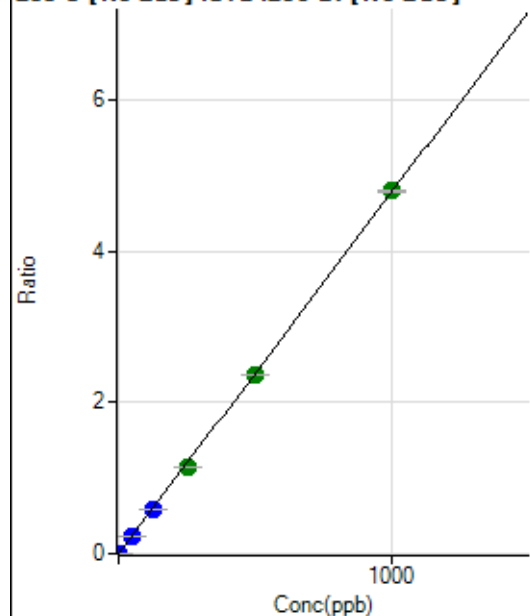
$$DL = 0.004983$$

$$BEC = 0.005552$$

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	86.12	0.0000	P	33.6
2	☐	0.100					
3	☐	1.000	0.805	27978.23	0.0039	P	1.0
4	☐	50.000	46.831	1609804.81	0.2236	P	0.8
5	☐	125.000	120.886	4178766.67	0.5771	P	0.3
6	☐	250.000	241.842	8252156.26	1.1546	A	0.3
7	☐	500.000	496.338	16504062.69	2.3696	A	0.4
8	☐	1000.000	1004.543	33060812.54	4.7959	A	0.4
9	☐			2711.53	0.0005	P	16.0

$$y = 0.0048 * x + 1.1551E-005$$

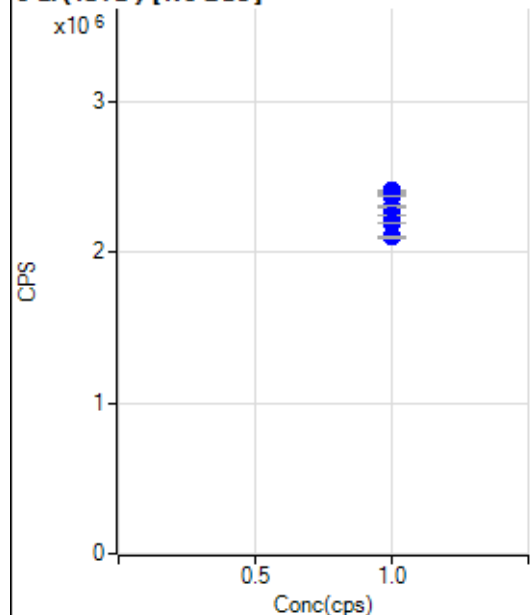
$$R = 1.0000$$

$$DL = 0.002438$$

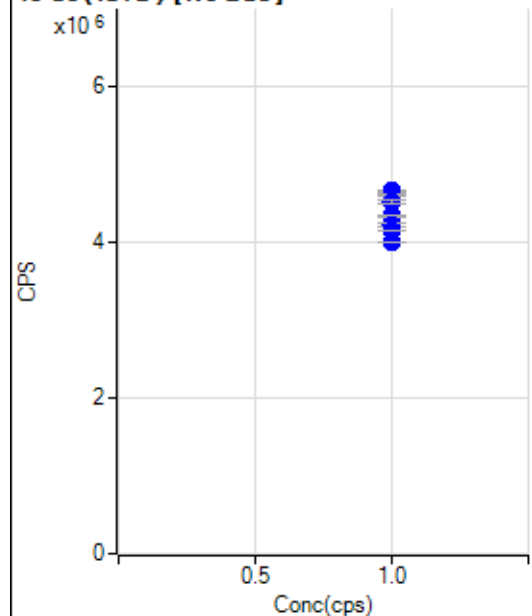
$$BEC = 0.002419$$

Weight: <None>

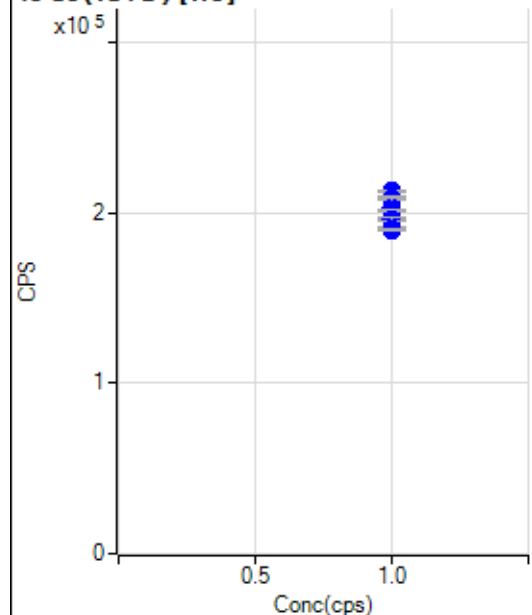
Min Conc: 0

6 Li (ISTD) [No Gas]

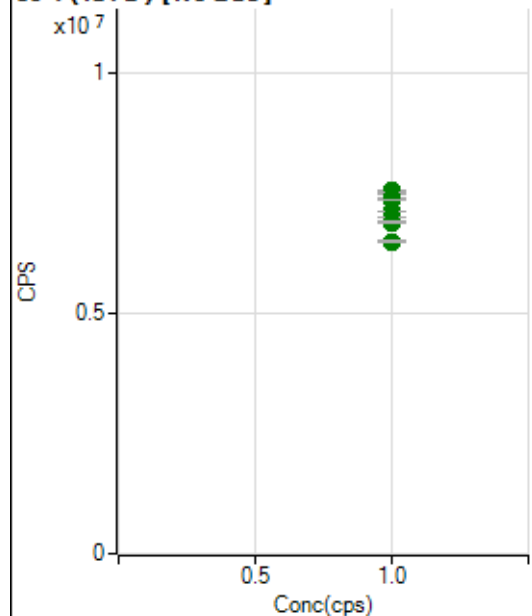
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2390487.69		P	0.3
2	☐	1.000					
3	☐	1.000		2407721.53		P	0.4
4	☐	1.000		2389668.04		P	0.1
5	☐	1.000		2373978.74		P	0.3
6	☐	1.000		2303238.36		P	0.3
7	☐	1.000		2246299.97		P	0.5
8	☐	1.000		2193671.98		P	0.4
9	☐	1.000		2101289.27		P	0.8

45 Sc (ISTD) [No Gas]

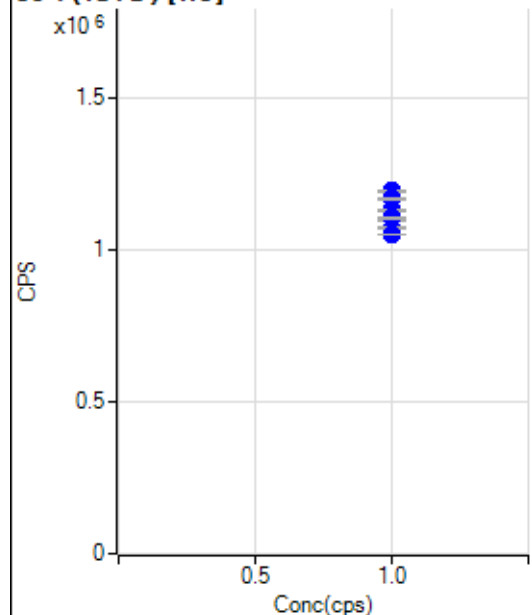
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4658125.02		P	0.1
2	☐	1.000					
3	☐	1.000		4635364.86		P	0.2
4	☐	1.000		4603894.85		P	0.6
5	☐	1.000		4520282.87		P	0.9
6	☐	1.000		4337230.83		P	0.2
7	☐	1.000		4229711.12		P	1.1
8	☐	1.000		4148796.27		P	0.3
9	☐	1.000		4000044.75		P	0.5

45 Sc (ISTD) [He]

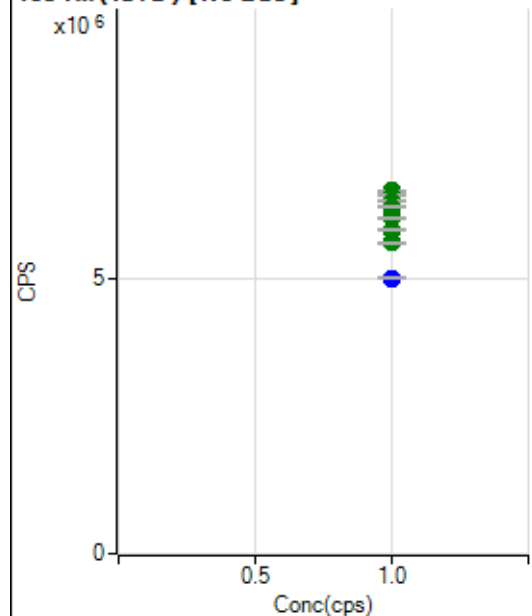
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		211986.66		P	0.4
2	☐	1.000					
3	☐	1.000		212592.45		P	0.4
4	☐	1.000		208060.97		P	0.5
5	☐	1.000		202668.71		P	6.4
6	☐	1.000		201285.72		P	0.2
7	☐	1.000		196219.89		P	0.9
8	☐	1.000		190219.66		P	1.2
9	☐	1.000		189789.76		P	0.8

89 Y (ISTD) [No Gas]

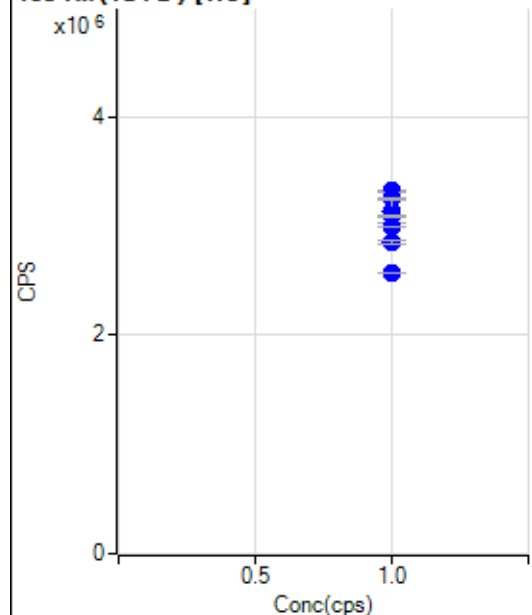
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7547410.37		A	0.5
2	☐	1.000					
3	☐	1.000		7494785.51		A	0.4
4	☐	1.000		7397123.29		A	0.3
5	☐	1.000		7362148.02		A	0.5
6	☐	1.000		7132153.71		A	0.1
7	☐	1.000		7001780.73		A	0.5
8	☐	1.000		6899476.28		A	0.4
9	☐	1.000		6497221.98		A	0.4

89 Y(ISTD) [He]

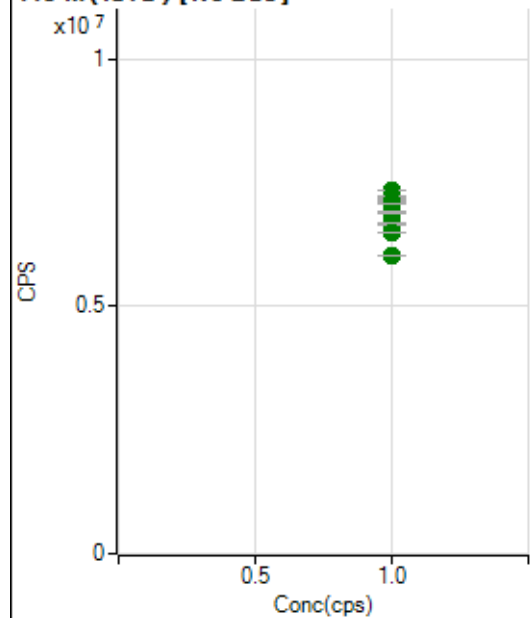
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1192803.43		P	0.5
2	☐	1.000					
3	☐	1.000		1195098.17		P	0.2
4	☐	1.000		1170423.16		P	0.7
5	☐	1.000		1133046.69		P	6.3
6	☐	1.000		1132574.43		P	0.7
7	☐	1.000		1106172.12		P	0.2
8	☐	1.000		1072744.92		P	0.7
9	☐	1.000		1050467.38		P	0.2

103 Rh(ISTD) [No Gas]

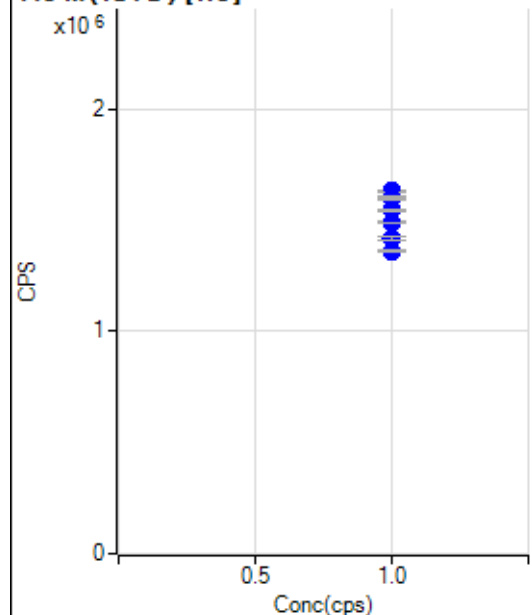
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6617806.88		A	0.8
2	☐	1.000					
3	☐	1.000		6535917.07		A	0.3
4	☐	1.000		6434395.46		A	0.5
5	☐	1.000		6314754.74		A	0.5
6	☐	1.000		6121539.46		A	0.3
7	☐	1.000		5897601.22		A	0.6
8	☐	1.000		5672099.39		A	0.9
9	☐	1.000		5023466.13		P	0.6

103 Rh (ISTD) [He]

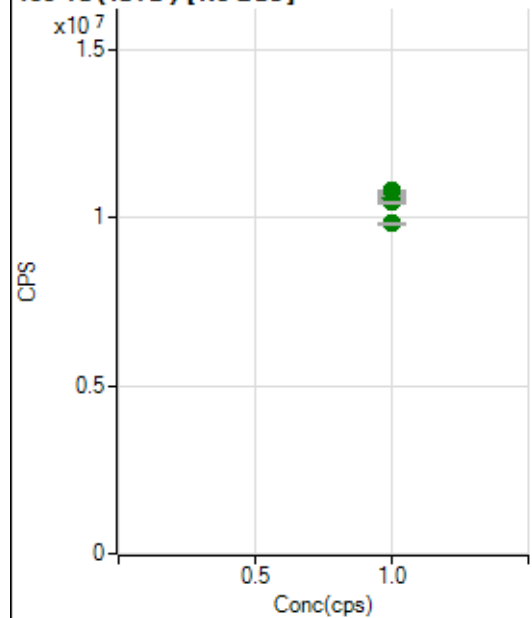
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3317385.16		P	0.5
2	☐	1.000					
3	☐	1.000		3310121.06		P	0.1
4	☐	1.000		3245939.67		P	0.2
5	☐	1.000		3135758.46		P	6.7
6	☐	1.000		3087589.68		P	0.5
7	☐	1.000		2991734.19		P	0.4
8	☐	1.000		2849272.32		P	0.8
9	☐	1.000		2563475.01		P	0.2

115 In (ISTD) [No Gas]

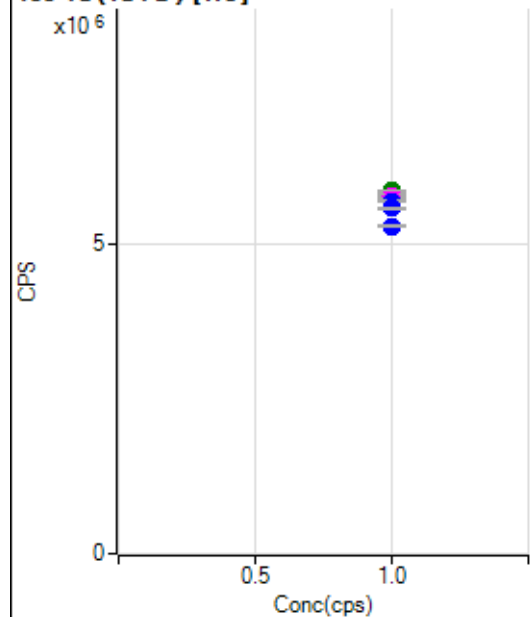
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7338113.65		A	0.1
2	☐	1.000					
3	☐	1.000		7222658.45		A	0.7
4	☐	1.000		7133760.20		A	0.3
5	☐	1.000		7076989.82		A	0.5
6	☐	1.000		6899645.23		A	0.1
7	☐	1.000		6683359.33		A	0.4
8	☐	1.000		6508036.96		A	0.2
9	☐	1.000		6038491.60		A	0.2

115 In (ISTD) [He]

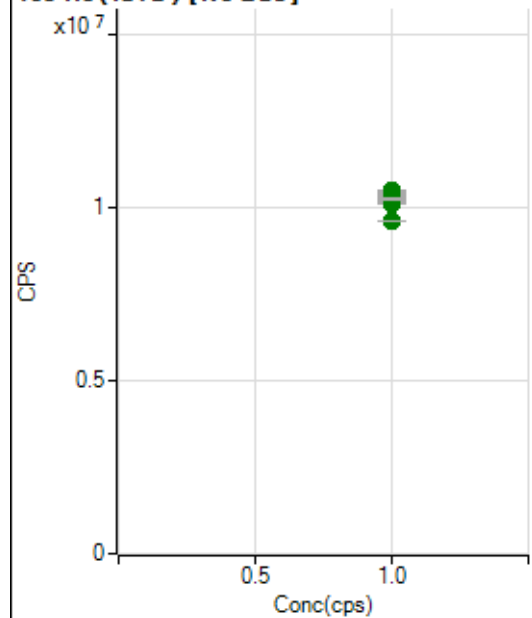
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1632944.26		P	0.4
2	☐	1.000					
3	☐	1.000		1630243.25		P	0.1
4	☐	1.000		1600855.54		P	0.7
5	☐	1.000		1548105.45		P	6.8
6	☐	1.000		1545490.74		P	0.6
7	☐	1.000		1489447.08		P	0.2
8	☐	1.000		1422066.83		P	1.0
9	☐	1.000		1362664.47		P	0.2

159 Tb (ISTD) [No Gas]

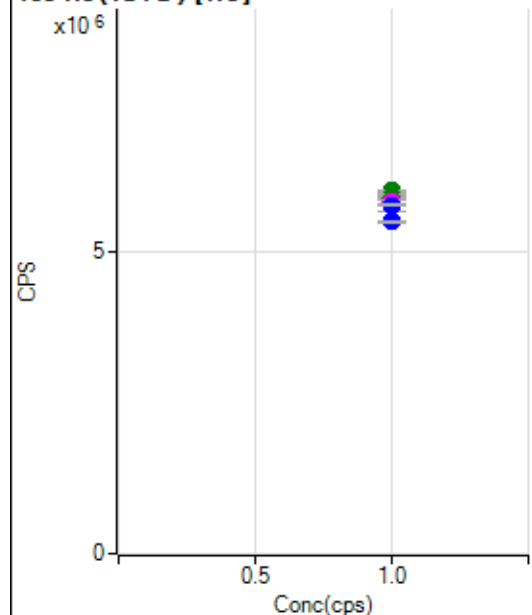
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10783641.92		A	0.5
2	☐	1.000					
3	☐	1.000		10606486.99		A	0.3
4	☐	1.000		10615323.18		A	0.6
5	☐	1.000		10682610.26		A	0.4
6	☐	1.000		10571640.12		A	0.6
7	☐	1.000		10441566.44		A	0.2
8	☐	1.000		10450413.87		A	0.5
9	☐	1.000		9803434.09		A	0.5

159 Tb (ISTD) [He]

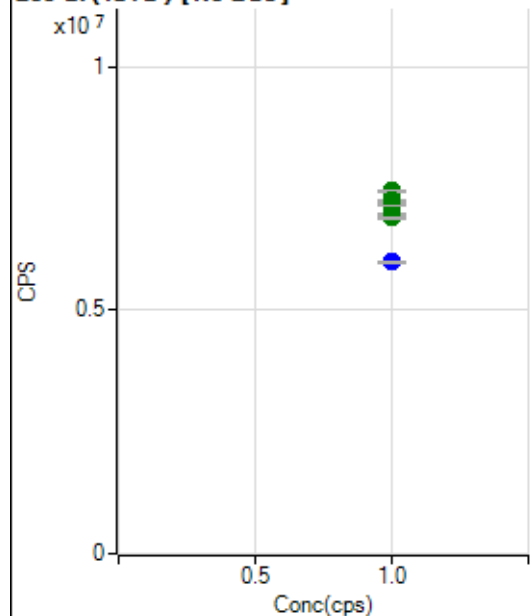
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5877172.97		A	0.5
2	☐	1.000					
3	☐	1.000		5800782.62		A	0.5
4	☐	1.000		5795670.54		M	1.4
5	☐	1.000		5725843.32		M	5.7
6	☐	1.000		5724697.00		M	1.2
7	☐	1.000		5703549.15		P	0.5
8	☐	1.000		5601804.29		P	0.7
9	☐	1.000		5310494.16		P	0.1

165 Ho (ISTD) [No Gas]

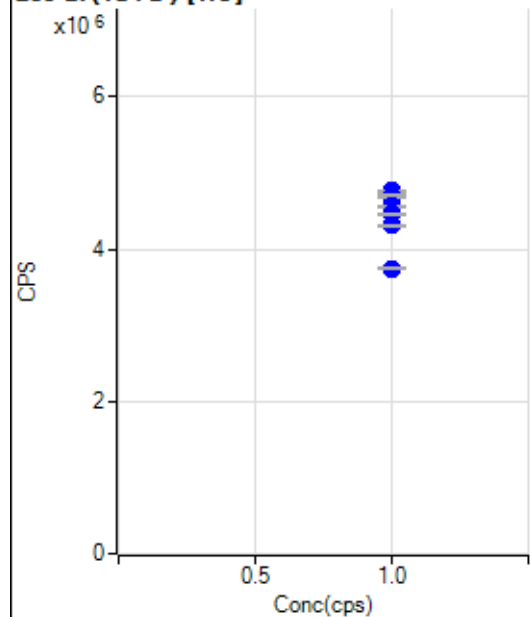
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10497113.86		A	0.2
2	☐	1.000					
3	☐	1.000		10312158.82		A	0.1
4	☐	1.000		10316531.83		A	0.8
5	☐	1.000		10388442.51		A	0.5
6	☐	1.000		10293286.86		A	0.6
7	☐	1.000		10141445.54		A	0.3
8	☐	1.000		10255121.84		A	0.6
9	☐	1.000		9613113.76		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5990094.91		A	0.8
2	☐	1.000					
3	☐	1.000		5895125.26		A	0.2
4	☐	1.000		5868377.55		A	1.0
5	☐	1.000		5794657.21		M	5.4
6	☐	1.000		5832598.66		A	0.1
7	☐	1.000		5814843.18		M	1.1
8	☐	1.000		5761342.07		P	1.0
9	☐	1.000		5488783.25		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7450352.60		A	0.5
2	☐	1.000					
3	☐	1.000		7254591.77		A	0.1
4	☐	1.000		7199879.55		A	0.2
5	☐	1.000		7240503.58		A	0.0
6	☐	1.000		7147163.57		A	0.2
7	☐	1.000		6964935.24		A	0.3
8	☐	1.000		6893751.49		A	0.8
9	☐	1.000		5996277.13		P	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4763925.35		P	0.7
2	☐	1.000					
3	☐	1.000		4697503.12		P	0.7
4	☐	1.000		4682403.06		P	0.4
5	☐	1.000		4581907.40		P	5.6
6	☐	1.000		4560859.06		P	0.2
7	☐	1.000		4463646.15		P	0.5
8	☐	1.000		4313690.53		P	0.6
9	☐	1.000		3745892.48		P	0.2