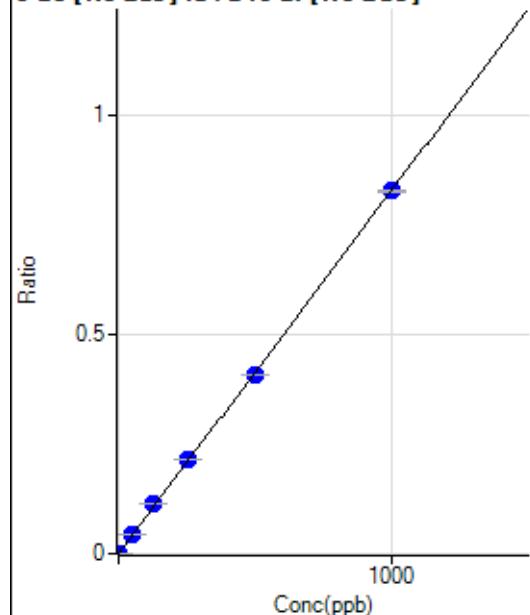


Calibration for 006CAL.S.d

Batch Folder: D:\ICP-MS Data\P7111919MS.b\
 Analysis File: P7111919MS.batch.bin
 DA Date-Time: 2019-11-19 16:11:26
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-11-19 13:05:39
2	004CAL.S.d	S02	2019-11-19 13:09:13
3	005CAL.S.d	S03	2019-11-19 13:13:23
4	006CAL.S.d	S04	2019-11-19 13:17:17
5	007CAL.S.d	S05	2019-11-19 13:21:07
6	008CAL.S.d	S06	2019-11-19 13:24:55
7	009CAL.S.d	S07	2019-11-19 13:28:39
8	010CAL.S.d	S08	2019-11-19 13:32:22

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0000	P	44.4
2	☐	1.000	1.028	2500.27	0.0009	P	1.8
3	☐	50.000	51.179	122983.34	0.0425	P	1.1
4	☐	125.000	136.069	312415.93	0.1129	P	0.2
5	☐	250.000	260.488	582663.91	0.2162	P	0.7
6	☐	500.000	493.498	1079725.98	0.4095	P	0.6
7	☐	1000.000	999.187	2155822.76	0.8292	P	0.6
8	☐			381.50	0.0002	P	10.2

$$y = 8.2985E-004 * x + 1.1093E-005$$

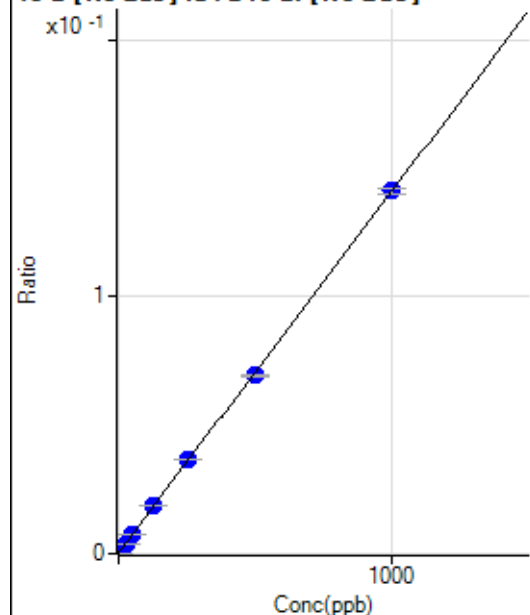
$$R = 0.9999$$

$$DL = 0.01779$$

$$BEC = 0.01337$$

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	975.07	0.0003	P	9.0
2	☐	25.000	23.609	10590.23	0.0037	P	3.5
3	☐	50.000	51.225	21841.44	0.0075	P	3.8
4	☐	125.000	131.180	51962.49	0.0188	P	1.1
5	☐	250.000	258.479	98852.79	0.0367	P	1.7
6	☐	500.000	490.143	182561.89	0.0692	P	0.7
7	☐	1000.000	1002.010	367076.56	0.1412	P	1.5
8	☐			5167.74	0.0021	P	8.0

$$y = 1.4057E-004 * x + 3.4335E-004$$

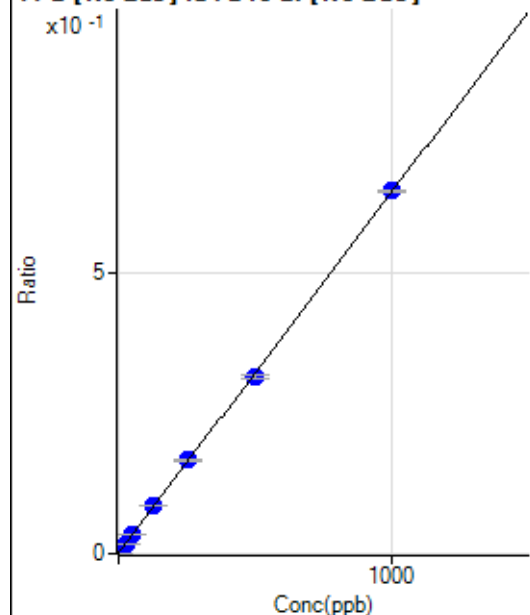
$$R = 0.9999$$

$$DL = 0.6576$$

$$BEC = 2.443$$

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	4475.86	0.0016	P	3.6
2	☐	25.000	23.871	49016.50	0.0169	P	1.8
3	☐	50.000	50.764	99205.74	0.0343	P	1.6
4	☐	125.000	131.209	238121.58	0.0861	P	1.2
5	☐	250.000	258.234	452476.20	0.1679	P	2.0
6	☐	500.000	487.338	831709.05	0.3154	P	1.4
7	☐	1000.000	1003.486	1684302.48	0.6478	P	0.7
8	☐			24862.95	0.0099	P	8.5

$$y = 6.4402\text{E-}004 * x + 0.0016$$

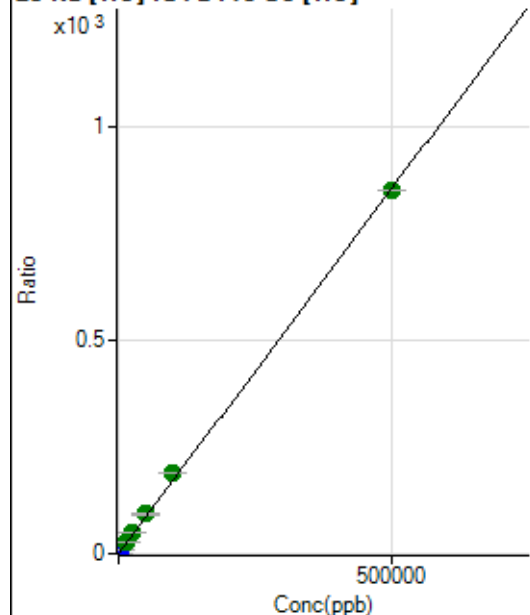
$$R = 0.9998$$

$$DL = 0.265$$

$$BEC = 2.447$$

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	8891.85	0.0373	P	1.3
2	☐	500.000	539.188	233519.17	0.9596	P	1.0
3	☐	5000.000	5619.298	2357284.17	9.6489	P	0.3
4	☐	12500.000	14632.597	5538240.36	25.0657	A	0.9
5	☐	25000.000	28711.828	10451575.41	49.1476	A	0.7
6	☐	50000.000	54123.978	20049405.48	92.6139	A	0.9
7	☐	100000.00	110240.27	41109318.63	188.5982	A	0.3
8	☐	500000.00	497294.40	194830469.6	850.6363	A	0.0

$$y = 0.0017 * x + 0.0373$$

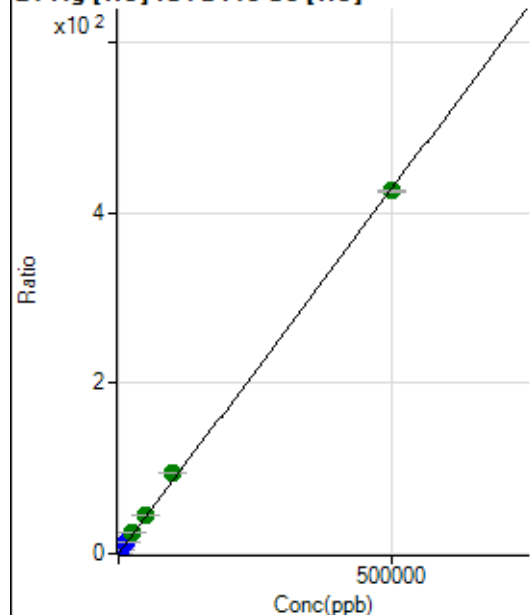
$$R = 0.9998$$

$$DL = 0.8732$$

$$BEC = 21.81$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0009	P	1.9
2	☐	500.000	570.205	119120.68	0.4895	P	0.8
3	☐	5000.000	5600.749	1172612.29	4.7998	P	0.8
4	☐	12500.000	14782.109	2798715.40	12.6666	P	0.6
5	☐	25000.000	28757.787	5240226.68	24.6414	A	0.5
6	☐	50000.000	53706.465	9962384.94	46.0182	A	0.6
7	☐	100000.00	109526.62	20456004.28	93.8466	A	0.2
8	☐	500000.00	497473.00	97626288.99	426.2505	A	0.5

$$y = 8.5683\text{E-}004 * x + 8.8578\text{E-}004$$

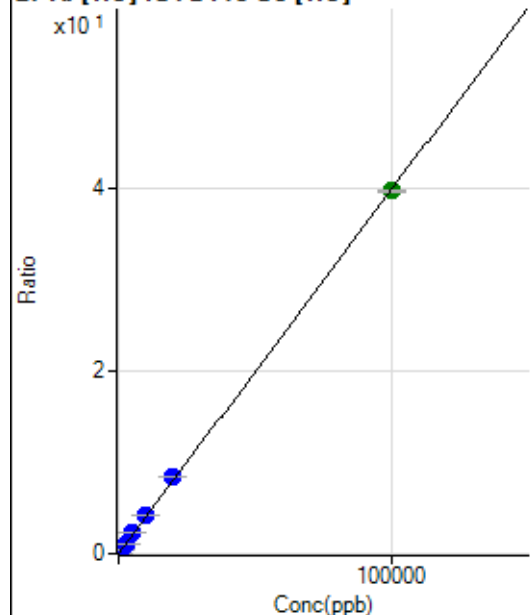
$$R = 0.9998$$

$$DL = 0.06034$$

$$BEC = 1.034$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0001	P	108.7
2	☐	20.000	21.629	2133.57	0.0088	P	6.4
3	☐	1000.000	1108.144	108046.31	0.4422	P	0.9
4	☐	2500.000	2864.786	252557.07	1.1430	P	0.6
5	☐	5000.000	5639.365	478484.25	2.2500	P	0.3
6	☐	10000.000	10596.735	915246.32	4.2277	P	0.4
7	☐	20000.000	21300.965	1852362.52	8.4981	P	0.3
8	☐	100000.00	99637.964	9104529.72	39.7505	A	0.2

$$y = 3.9895\text{E-}004 * x + 1.3948\text{E-}004$$

$$R = 0.9999$$

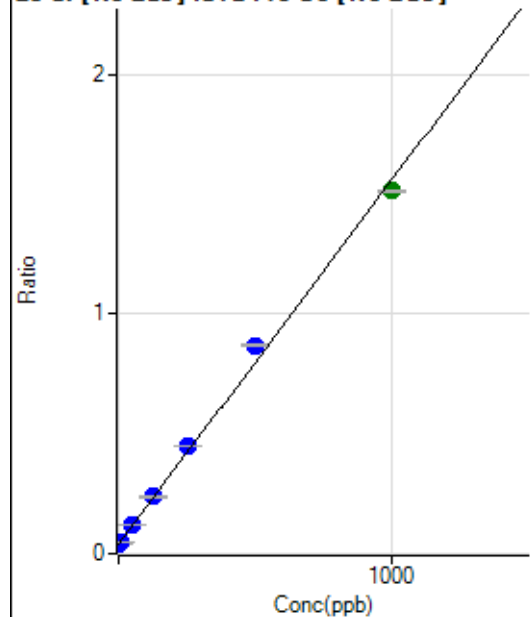
$$DL = 1.14$$

$$BEC = 0.3496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	200801.54	0.0391	P	0.8
2	☐	10.000	6.374	264299.80	0.0488	P	0.2
3	☐	50.000	55.911	667641.07	0.1240	P	0.6
4	☐	125.000	130.233	1216452.59	0.2370	P	0.6
5	☐	250.000	271.724	2239043.82	0.4520	P	0.2
6	☐	500.000	545.138	4278056.56	0.8674	P	0.9
7	☐	1000.000	971.087	7503160.41	1.5146	A	0.8
8	☐			994385.46	0.2020	P	2.2

$$y = 0.0015 * x + 0.0391$$

$$R = 0.9981$$

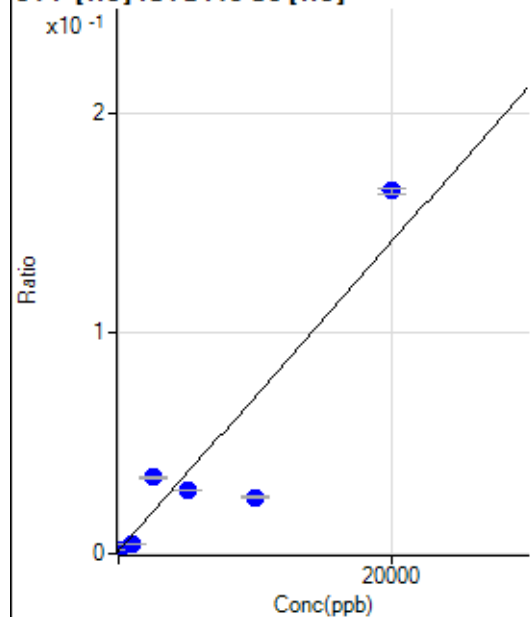
$$DL = 0.6293$$

$$BEC = 25.72$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-91.060	144.45	0.0006	P	29.5
2	☐	0.000	91.060	458.36	0.0019	P	18.5
3	☐	1000.000	466.620	1102.86	0.0045	P	2.9
4	☐	2500.000	4758.514	7643.89	0.0346	P	1.7
5	☐	5000.000	3892.641	6065.37	0.0285	P	1.2
6	☐	10000.000	3472.684	5537.36	0.0256	P	1.7
7	☐	20000.000	23284.852	35838.48	0.1644	P	1.3
8	☐			191.68	0.0008	P	36.4

$$y = 7.0077E-006 * x + 0.0012$$

$$R = 0.9258$$

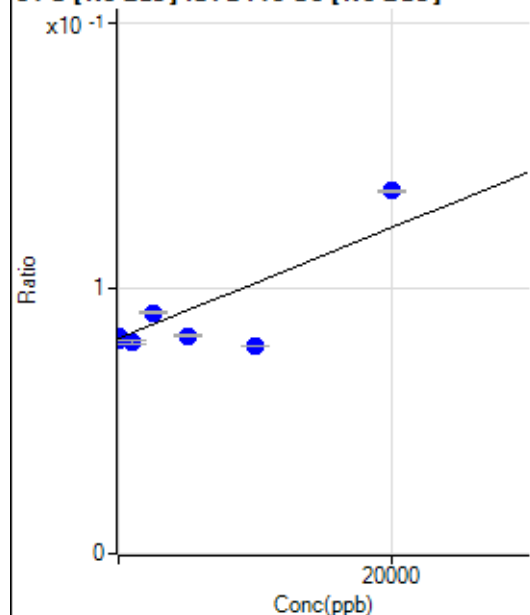
$$DL = 112.8$$

$$BEC = 177.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	331.022	419968.49	0.0817	P	0.9
2	☐	0.000	-331.022	435515.34	0.0804	P	0.1
3	☐	1000.000	-735.835	427952.42	0.0795	P	1.2
4	☐	2500.000	4685.086	466184.01	0.0908	P	0.8
5	☐	5000.000	465.973	406303.37	0.0820	P	0.6
6	☐	10000.000	-1340.844	385899.18	0.0782	P	0.2
7	☐	20000.000	26617.585	676246.34	0.1365	P	0.3
8	☐			323387.30	0.0657	P	0.9

$$y = 2.0840\text{E-}006 * x + 0.0810$$

$$R = 0.8363$$

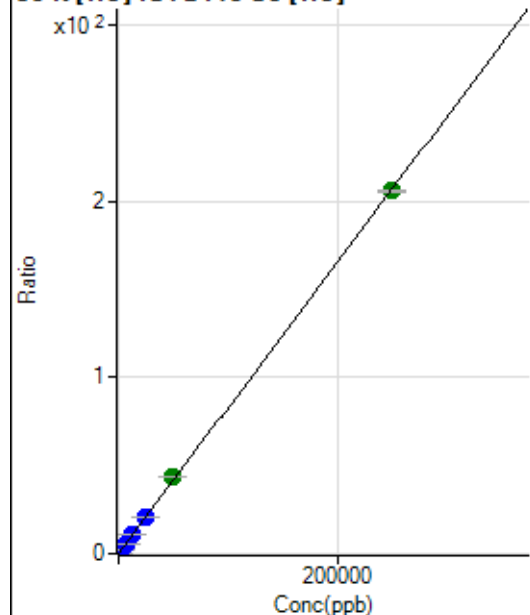
$$DL = 543.2$$

$$BEC = 3.889\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20128.36	0.0845	P	2.0
2	☐	500.000	530.230	127177.24	0.5226	P	0.8
3	☐	2500.000	2687.897	563261.47	2.3055	P	0.5
4	☐	6250.000	7034.102	1302913.42	5.8967	P	0.5
5	☐	12500.000	13592.053	2406369.61	11.3155	P	0.6
6	☐	25000.000	25230.966	4531709.87	20.9327	P	0.3
7	☐	50000.000	52522.767	9478280.77	43.4838	A	0.1
8	☐	250000.00	249396.20	47217442.03	206.1595	A	0.7

$$y = 8.2630\text{E-}004 * x + 0.0845$$

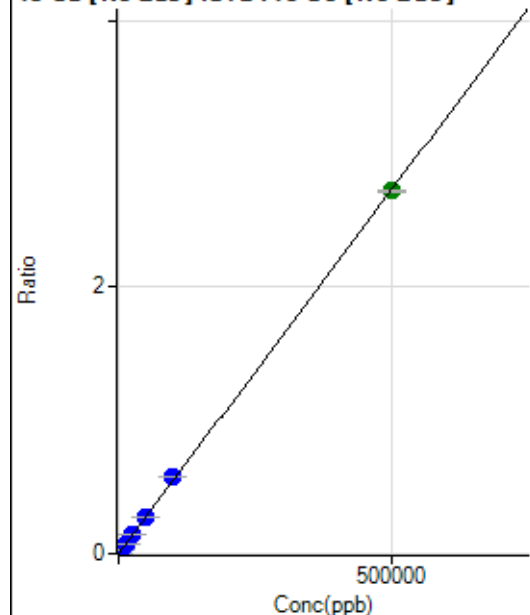
$$R = 0.9999$$

$$DL = 6.192$$

$$BEC = 102.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.89	0.0000	P	18.5
2	☐	500.000	510.708	15225.03	0.0028	P	1.1
3	☐	5000.000	5331.289	156713.70	0.0291	P	1.3
4	☐	12500.000	14006.295	392479.55	0.0765	P	0.2
5	☐	25000.000	27305.764	738285.27	0.1490	P	0.4
6	☐	50000.000	51276.777	1380093.50	0.2798	P	0.3
7	☐	100000.00	104740.18	2831451.95	0.5716	P	0.5
8	☐	500000.00	498768.01	13401506.81	2.7217	A	0.7

$$y = 5.4569\text{E-}006 * x + 2.2167\text{E-}005$$

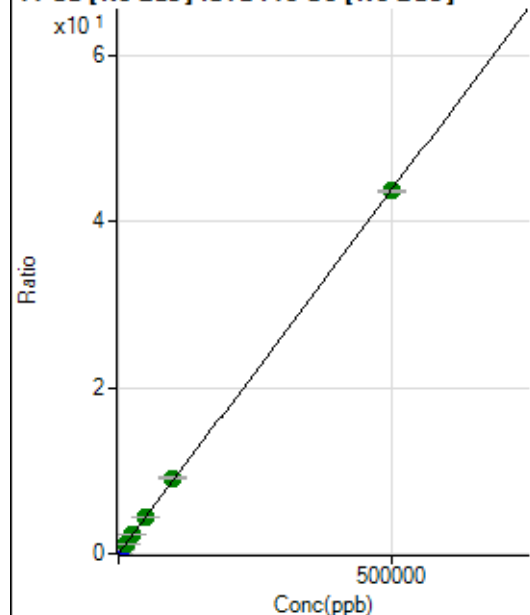
$$R = 0.9999$$

$$DL = 2.259$$

$$BEC = 4.062$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7902.42	0.0015	P	3.6
2	☐	500.000	508.292	249775.01	0.0461	P	0.4
3	☐	5000.000	5220.726	2471106.93	0.4591	P	0.4
4	☐	12500.000	13735.550	6187439.29	1.2053	A	0.2
5	☐	25000.000	26924.681	11697203.65	2.3611	A	0.5
6	☐	50000.000	50661.775	21904033.30	4.4414	A	0.3
7	☐	100000.00	104240.04	45260736.08	9.1368	A	0.7
8	☐	500000.00	498956.47	215314929.8	43.7285	A	0.6

$$y = 8.7637\text{E-}005 * x + 0.0015$$

$$R = 1.0000$$

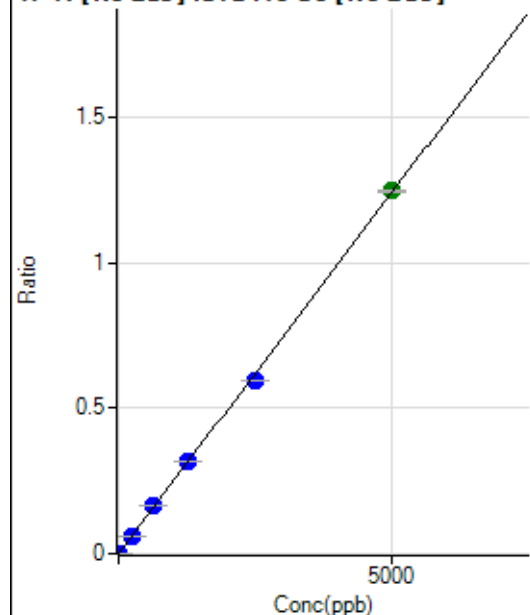
$$DL = 1.921$$

$$BEC = 17.55$$

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	75.01	0.0000	P	19.1
2	☐	5.000	5.170	7035.25	0.0013	P	4.8
3	☐	250.000	251.622	336259.35	0.0625	P	0.5
4	☐	625.000	665.480	848058.19	0.1652	P	0.4
5	☐	1250.000	1288.352	1584309.70	0.3198	P	0.8
6	☐	2500.000	2407.225	2946777.47	0.5975	P	0.2
7	☐	5000.000	5031.658	6186739.85	1.2489	A	0.8
8	☐			1558.48	0.0003	P	8.6

$$y = 2.4821\text{E-}004 * x + 1.4593\text{E-}005$$

$$R = 0.9997$$

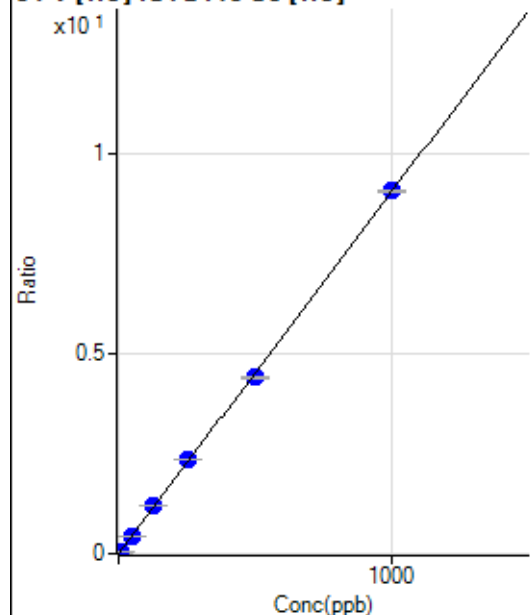
$$DL = 0.03365$$

$$BEC = 0.05879$$

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	4.44	0.0000	P	43.0
2	☐	5.000	5.313	11711.48	0.0481	P	2.7
3	☐	50.000	50.130	110896.17	0.4539	P	0.6
4	☐	125.000	133.238	266544.63	1.2064	P	0.8
5	☐	250.000	258.657	498042.04	2.3419	P	0.4
6	☐	500.000	487.104	954758.52	4.4102	P	0.6
7	☐	1000.000	1003.246	1979940.49	9.0834	P	0.6
8	☐			983.38	0.0043	P	7.4

$$y = 0.0091 * x + 1.8625\text{E-}005$$

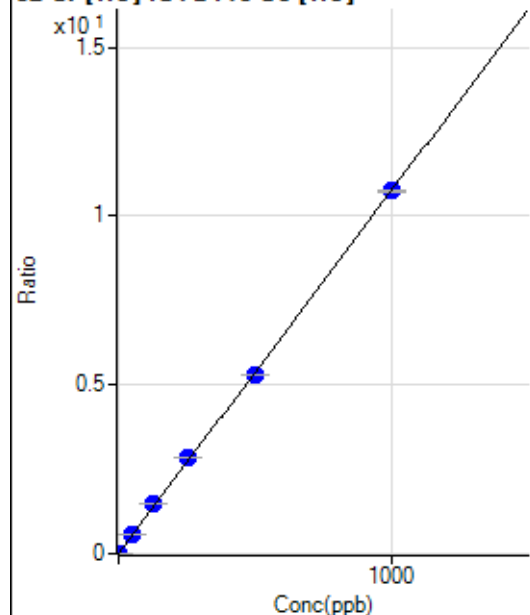
$$R = 0.9998$$

$$DL = 0.002654$$

$$BEC = 0.002057$$

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	806.70	0.0034	P	8.8
2	☐	2.000	2.029	6134.71	0.0252	P	1.6
3	☐	50.000	51.284	135542.29	0.5548	P	0.9
4	☐	125.000	135.663	323053.76	1.4621	P	1.3
5	☐	250.000	263.041	602224.64	2.8318	P	0.1
6	☐	500.000	492.122	1146320.50	5.2950	P	0.2
7	☐	1000.000	999.282	2342863.04	10.7484	P	0.3
8	☐			62167.03	0.2714	P	0.2

$$y = 0.0108 * x + 0.0034$$

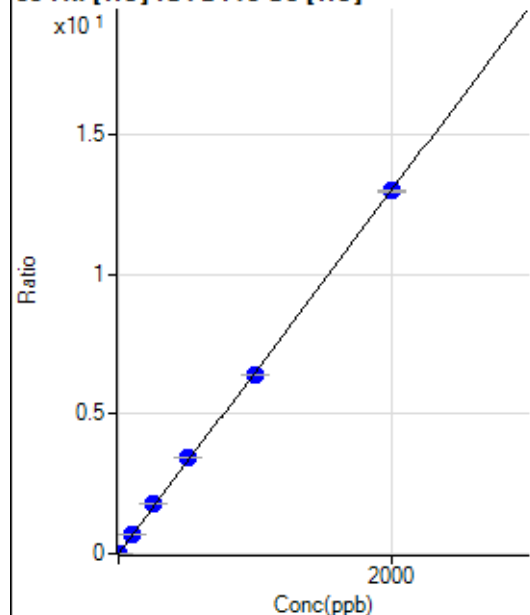
$$R = 0.9998$$

$$DL = 0.0835$$

$$BEC = 0.3148$$

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	24.44	0.0001	P	20.4
2	☐	1.000	1.064	1709.02	0.0070	P	7.1
3	☐	100.000	102.200	162311.65	0.6644	P	0.6
4	☐	250.000	271.738	390284.85	1.7664	P	0.9
5	☐	500.000	529.646	732158.73	3.4428	P	0.3
6	☐	1000.000	984.718	1385701.87	6.4008	P	0.5
7	☐	2000.000	1997.402	2830003.08	12.9833	P	0.4
8	☐			10262.61	0.0448	P	2.7

$$y = 0.0065 * x + 1.0250E-004$$

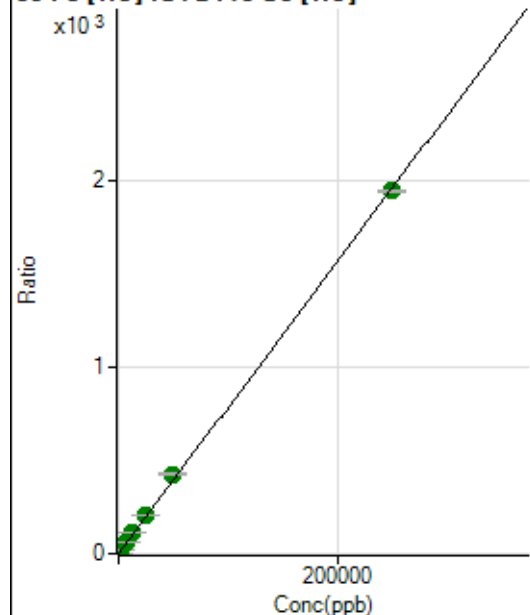
$$R = 0.9998$$

$$DL = 0.009661$$

$$BEC = 0.01577$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3644.99	0.0153	P	2.4
2	☐	50.000	60.259	118354.84	0.4863	P	1.1
3	☐	2500.000	2760.463	5275338.77	21.5937	A	0.4
4	☐	6250.000	7339.166	12679122.85	57.3851	A	1.0
5	☐	12500.000	14346.153	23851550.76	112.1583	A	0.7
6	☐	25000.000	26784.118	45328692.22	209.3852	A	0.9
7	☐	50000.000	54706.742	93216677.09	427.6546	A	0.5
8	☐	250000.00	248758.09	445366421.0	1,944.542	A	0.6

$$y = 0.0078 * x + 0.0153$$

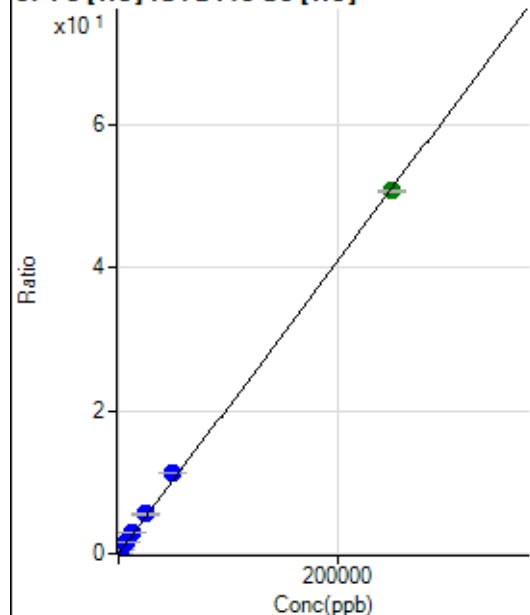
$$R = 0.9998$$

$$DL = 0.1418$$

$$BEC = 1.957$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	248.16	0.0010	P	14.3
2	☐	50.000	57.207	3094.86	0.0127	P	3.4
3	☐	2500.000	2785.385	139141.68	0.5696	P	0.4
4	☐	6250.000	7452.637	336312.53	1.5222	P	1.3
5	☐	12500.000	14482.145	628824.91	2.9569	P	0.2
6	☐	25000.000	27086.016	1197036.57	5.5294	P	0.7
7	☐	50000.000	54848.352	2440392.91	11.1958	P	0.3
8	☐	250000.00	248689.70	11625805.58	50.7598	A	0.5

$$y = 2.0410E-004 * x + 0.0010$$

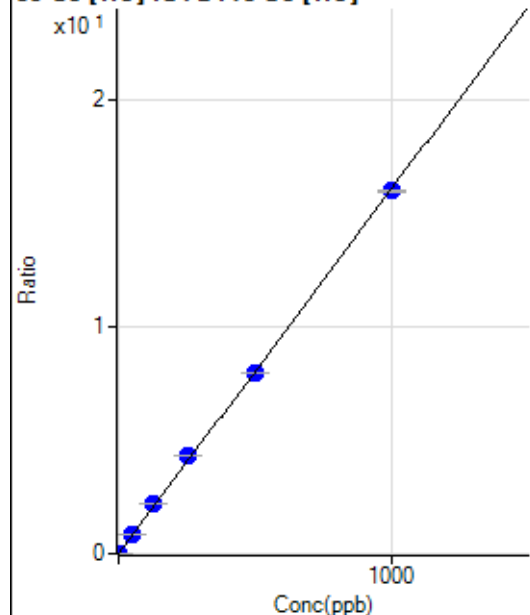
$$R = 0.9998$$

$$DL = 2.188$$

$$BEC = 5.101$$

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	28.89	0.0001	P	46.6
2	☐	1.000	1.036	4082.85	0.0168	P	0.2
3	☐	50.000	52.138	204788.24	0.8382	P	0.4
4	☐	125.000	138.305	491255.97	2.2233	P	0.6
5	☐	250.000	269.324	920714.19	4.3295	P	0.7
6	☐	500.000	497.267	1730552.32	7.9936	P	0.3
7	☐	1000.000	994.766	3485574.12	15.9908	P	0.4
8	☐			7215.22	0.0315	P	4.6

$$y = 0.0161 * x + 1.2126E-004$$

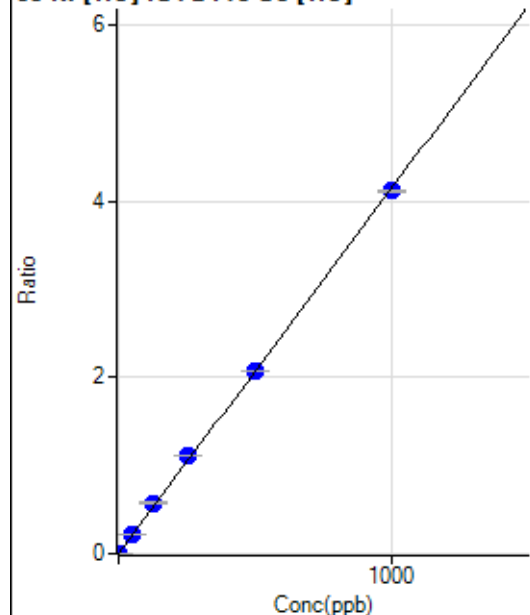
$$R = 0.9997$$

$$DL = 0.01055$$

$$BEC = 0.007544$$

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	16.67	0.0001	P	72.3
2	☐	1.000	1.042	1067.84	0.0044	P	4.2
3	☐	50.000	52.483	53167.21	0.2176	P	0.4
4	☐	125.000	138.898	127232.50	0.5759	P	1.3
5	☐	250.000	268.611	236818.00	1.1136	P	0.9
6	☐	500.000	500.153	448862.85	2.0734	P	0.5
7	☐	1000.000	993.409	897643.89	4.1181	P	0.4
8	☐			17059.02	0.0745	P	0.5

$$y = 0.0041 * x + 6.9984E-005$$

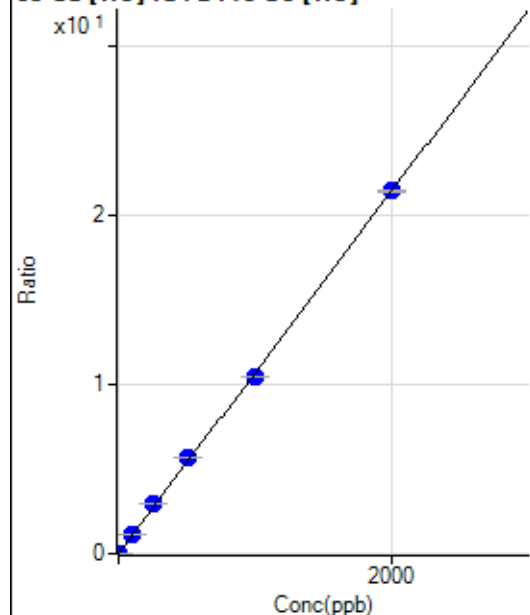
$$R = 0.9997$$

$$DL = 0.03663$$

$$BEC = 0.01688$$

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	360.01	0.0015	P	10.5
2	☐	2.000	2.081	5783.46	0.0238	P	2.3
3	☐	100.000	104.426	273198.69	1.1183	P	0.8
4	☐	250.000	275.418	651154.17	2.9470	P	0.5
5	☐	500.000	531.669	1209510.63	5.6875	P	0.4
6	☐	1000.000	973.306	2253804.64	10.4107	P	0.2
7	☐	2000.000	2002.031	4667368.05	21.4125	P	0.7
8	☐			7663.23	0.0335	P	1.3

$$y = 0.0107 * x + 0.0015$$

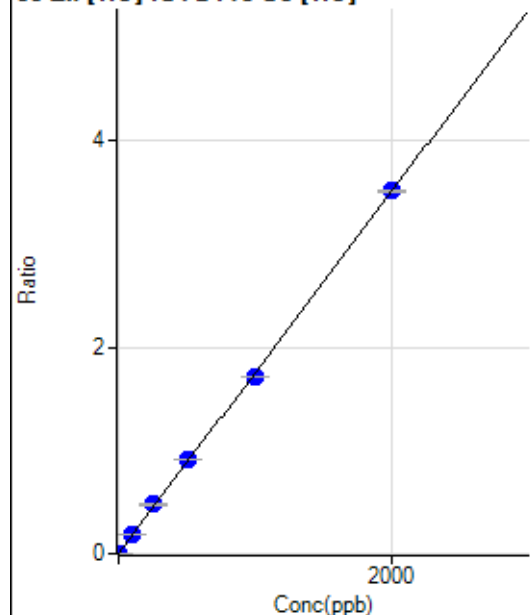
$$R = 0.9997$$

$$DL = 0.04441$$

$$BEC = 0.1412$$

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	595.58	0.0025	P	4.0
2	☐	2.000	2.159	1529.00	0.0063	P	1.4
3	☐	100.000	104.842	45488.57	0.1862	P	1.8
4	☐	250.000	269.702	104977.99	0.4751	P	0.7
5	☐	500.000	522.052	195081.89	0.9173	P	0.6
6	☐	1000.000	976.484	370984.30	1.7137	P	0.7
7	☐	2000.000	2003.540	765836.78	3.5134	P	0.6
8	☐			9586.64	0.0419	P	2.7

$$y = 0.0018 * x + 0.0025$$

$$R = 0.9998$$

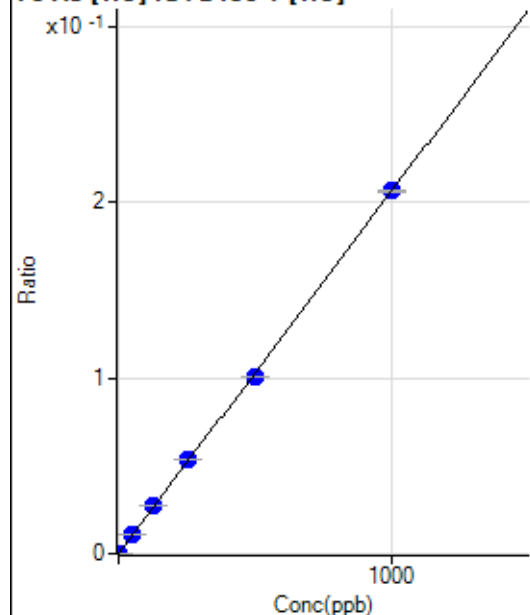
$$DL = 0.1711$$

$$BEC = 1.426$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.09	0.0000	P	92.0
2	☐	1.000	0.993	261.12	0.0002	P	8.5
3	☐	50.000	52.822	13843.08	0.0109	P	1.8
4	☐	125.000	134.616	32597.00	0.0278	P	0.4
5	☐	250.000	260.490	61661.93	0.0538	P	0.3
6	☐	500.000	489.968	118130.94	0.1012	P	0.3
7	☐	1000.000	1001.051	240844.07	0.2068	P	0.4
8	☐			111.11	0.0001	P	11.5

$$y = 2.0653\text{E-}004 * x + 2.4876\text{E-}006$$

$$R = 0.9998$$

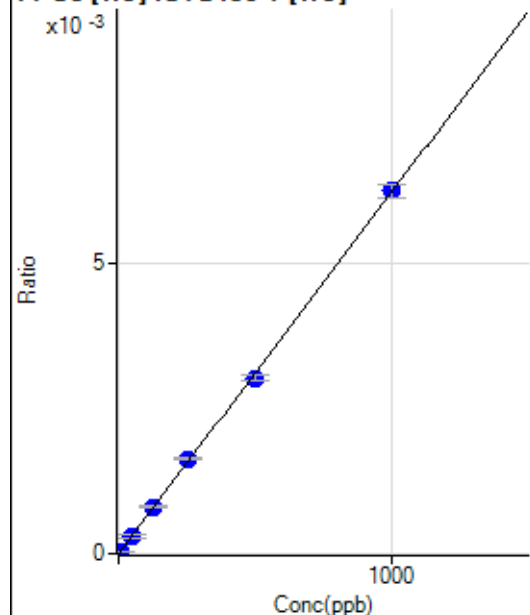
$$DL = 0.03323$$

$$BEC = 0.01204$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.382	50.00	0.0000	P	11.6
3	☐	50.000	48.078	380.01	0.0003	P	17.4
4	☐	125.000	127.869	933.38	0.0008	P	4.3
5	☐	250.000	262.394	1872.37	0.0016	P	1.9
6	☐	500.000	485.967	3532.71	0.0030	P	3.6
7	☐	1000.000	1003.648	7280.83	0.0063	P	3.5
8	☐			3.33	0.0000	P	0.2

$$y = 6.2273\text{E-}006 * x + 0.0000\text{E+}000$$

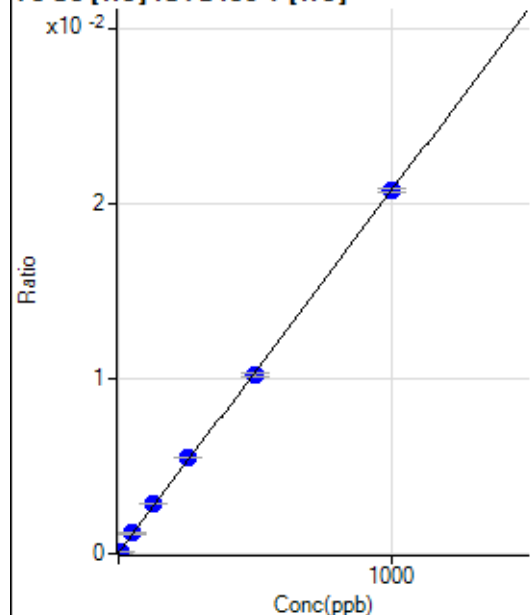
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

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	60.50	0.0000	P	7.9
2	☐	5.000	5.034	192.59	0.0002	P	3.5
3	☐	50.000	53.416	1464.90	0.0012	P	2.2
4	☐	125.000	135.878	3355.36	0.0029	P	0.6
5	☐	250.000	263.124	6298.94	0.0055	P	1.4
6	☐	500.000	492.536	11960.55	0.0102	P	2.3
7	☐	1000.000	998.920	24149.17	0.0207	P	1.0
8	☐			61.73	0.0001	P	13.4

$$y = 2.0704\text{E-}005 * x + 4.8856\text{E-}005$$

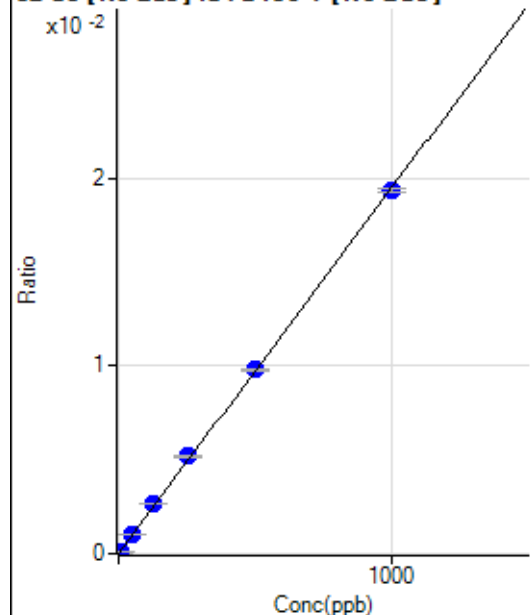
$$R = 0.9998$$

$$DL = 0.5572$$

$$BEC = 2.36$$

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	-19.63	0.0000	P	-152.
2	☐	5.000	5.653	950.65	0.0001	P	0.4
3	☐	50.000	52.772	9009.75	0.0010	P	0.8
4	☐	125.000	137.857	22763.14	0.0027	P	1.4
5	☐	250.000	265.713	43339.44	0.0052	P	0.3
6	☐	500.000	504.217	81935.38	0.0098	P	1.0
7	☐	1000.000	992.215	162573.67	0.0193	P	1.2
8	☐			210.00	0.0000	P	41.1

$$y = 1.9500\text{E-}005 * x - 2.3591\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.5535$$

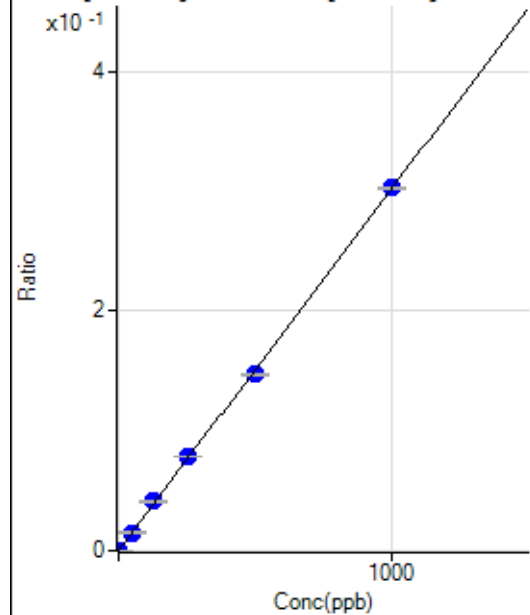
$$BEC = -0.121$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			645.58		P	11.1
2	☐			636.69		P	10.7
3	☐			625.58		P	10.3
4	☐			584.47		P	10.4
5	☐			573.35		P	7.0
6	☐			541.13		P	1.6
7	☐			631.14		P	7.8
8	☐			590.02		P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1066.75	0.0001	P	9.4
2	☐	1.000	0.863	3428.33	0.0004	P	4.5
3	☐	50.000	49.789	132960.93	0.0152	P	1.4
4	☐	125.000	135.382	347325.23	0.0410	P	1.0
5	☐	250.000	258.684	654282.00	0.0782	P	0.7
6	☐	500.000	486.538	1224858.87	0.1469	P	1.0
7	☐	1000.000	1003.273	2545191.01	0.3029	P	0.4
8	☐			11227.05	0.0014	P	1.7

$$y = 3.0175E-004 * x + 1.2866E-004$$

$$R = 0.9998$$

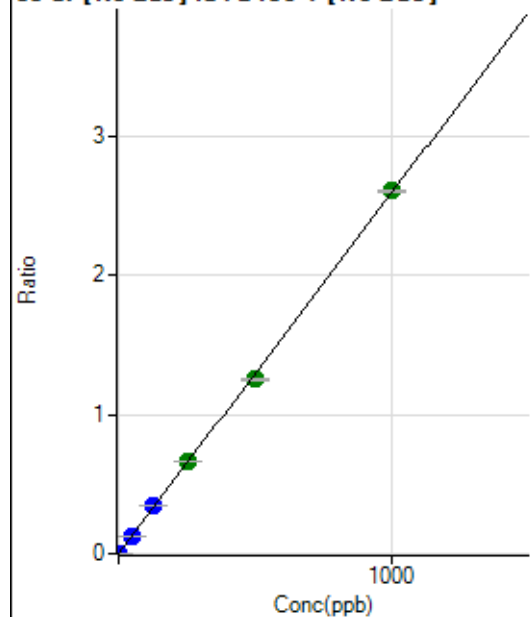
$$DL = 0.1207$$

$$BEC = 0.4264$$

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	58.34	0.0000	P	89.0
2	☐	1.000	1.001	22955.25	0.0026	P	1.4
3	☐	50.000	49.814	1133993.57	0.1292	P	0.5
4	☐	125.000	132.868	2921257.32	0.3447	P	0.2
5	☐	250.000	255.786	5552457.33	0.6635	A	0.4
6	☐	500.000	482.697	10437420.29	1.2521	A	0.5
7	☐	1000.000	1006.231	21934756.91	2.6102	A	0.6
8	☐			89744.22	0.0108	P	0.4

$$y = 0.0026 * x + 7.0381E-006$$

$$R = 0.9997$$

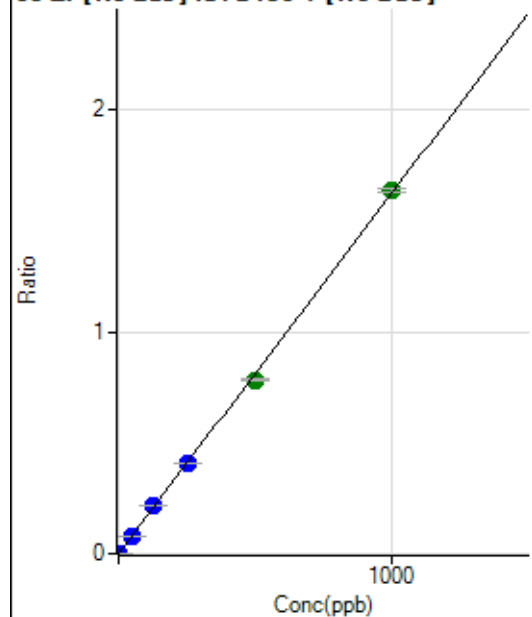
$$DL = 0.007243$$

$$BEC = 0.002713$$

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	513.92	0.0001	P	3.5
2	☐	1.000	0.871	13023.11	0.0015	P	0.8
3	☐	50.000	49.029	699559.83	0.0797	P	0.4
4	☐	125.000	131.751	1814765.15	0.2141	P	0.9
5	☐	250.000	253.221	3443317.39	0.4115	P	0.1
6	☐	500.000	482.206	6531365.12	0.7835	A	0.5
7	☐	1000.000	1007.297	13753700.31	1.6366	A	1.1
8	☐			4295.24	0.0005	P	7.9

$$y = 0.0016 * x + 6.1989E-005$$

$$R = 0.9997$$

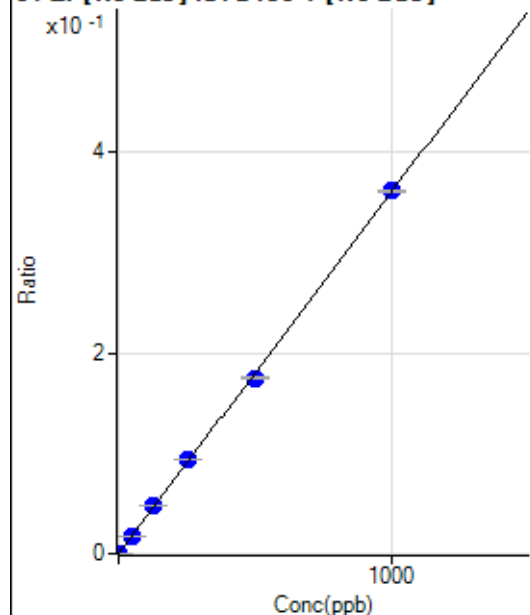
$$DL = 0.003986$$

$$BEC = 0.03815$$

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	75.00	0.0000	P	69.3
2	☐	1.000	0.822	2689.26	0.0003	P	4.7
3	☐	50.000	49.914	157956.16	0.0180	P	0.3
4	☐	125.000	134.732	411678.82	0.0486	P	0.3
5	☐	250.000	260.682	786368.23	0.0940	P	0.0
6	☐	500.000	485.661	1459243.46	0.1751	P	0.7
7	☐	1000.000	1003.287	3039030.43	0.3616	P	0.7
8	☐			961.19	0.0001	P	7.6

$$y = 3.6045\text{E-}004 * x + 9.0336\text{E-}006$$

$$R = 0.9997$$

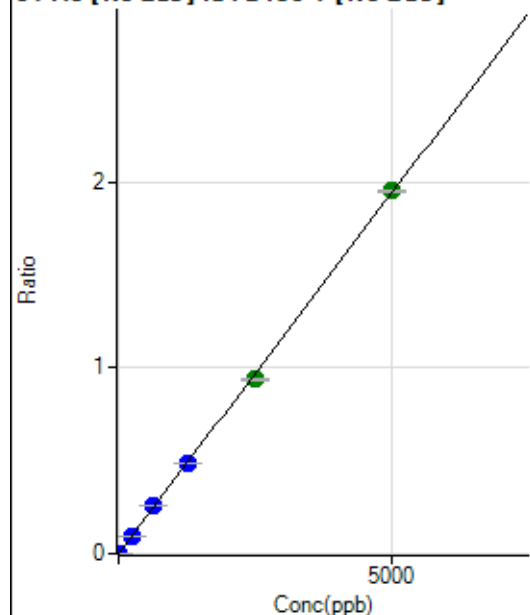
$$DL = 0.05208$$

$$BEC = 0.02506$$

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	227.79	0.0000	P	7.6
2	☐	5.000	4.721	16365.44	0.0019	P	0.7
3	☐	250.000	249.419	848391.79	0.0967	P	0.7
4	☐	625.000	659.381	2165892.28	0.2555	P	0.6
5	☐	1250.000	1257.147	4076877.96	0.4872	P	0.4
6	☐	2500.000	2419.460	7815163.98	0.9376	A	1.2
7	☐	5000.000	5034.215	16394171.03	1.9509	A	0.3
8	☐			12572.70	0.0015	P	1.2

$$y = 3.8751\text{E-}004 * x + 2.7475\text{E-}005$$

$$R = 0.9998$$

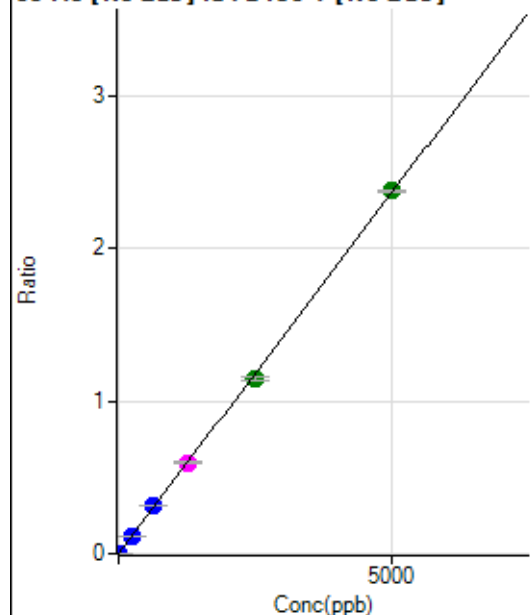
$$DL = 0.01617$$

$$BEC = 0.0709$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0000	P	39.8
2	☐	5.000	4.942	20662.86	0.0023	P	2.2
3	☐	250.000	248.133	1029819.42	0.1174	P	0.3
4	☐	625.000	656.442	2631197.24	0.3105	P	0.8
5	☐	1250.000	1259.810	4985625.07	0.5958	M	1.2
6	☐	2500.000	2423.617	9553759.50	1.1462	A	1.4
7	☐	5000.000	5031.902	19997703.75	2.3797	A	0.7
8	☐			19038.31	0.0023	P	1.5

$$y = 4.7292\text{E-}004 * x + 7.7089\text{E-}006$$

$$R = 0.9998$$

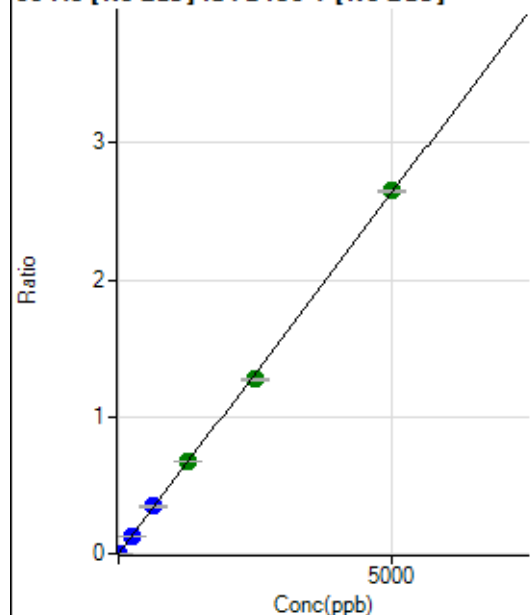
$$DL = 0.01947$$

$$BEC = 0.0163$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	102.78	0.0000	P	38.2
2	☐	5.000	4.920	22952.55	0.0026	P	1.5
3	☐	250.000	248.335	1148335.52	0.1309	P	0.9
4	☐	625.000	653.266	2917307.18	0.3442	P	0.6
5	☐	1250.000	1277.370	5632121.57	0.6730	A	0.8
6	☐	2500.000	2419.680	10627166.73	1.2749	A	0.8
7	☐	5000.000	5029.868	22271087.31	2.6502	A	0.5
8	☐			28791.28	0.0035	P	1.1

$$y = 5.2689\text{E-}004 * x + 1.2397\text{E-}005$$

$$R = 0.9998$$

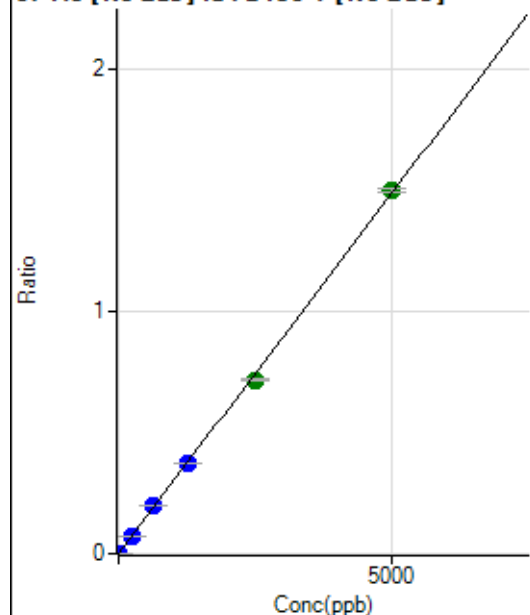
$$DL = 0.02698$$

$$BEC = 0.02353$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.8
2	☐	5.000	4.952	13011.97	0.0015	P	0.5
3	☐	250.000	248.973	649872.66	0.0741	P	1.4
4	☐	625.000	656.207	1654219.11	0.1952	P	0.2
5	☐	1250.000	1258.334	3131953.13	0.3743	P	0.2
6	☐	2500.000	2414.192	5985631.69	0.7180	A	0.5
7	☐	5000.000	5036.971	12589421.11	1.4981	A	1.2
8	☐			11949.87	0.0014	P	4.2

$$y = 2.9743\text{E-}004 * x + 3.6895\text{E-}006$$

$$R = 0.9998$$

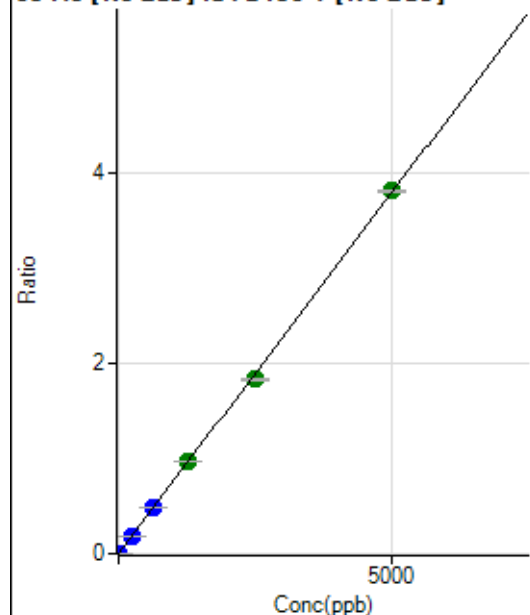
$$DL = 0.01556$$

$$BEC = 0.0124$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	25.6
2	☐	5.000	4.868	32588.33	0.0037	P	0.6
3	☐	250.000	247.921	1648813.96	0.1879	P	0.2
4	☐	625.000	647.260	4157445.71	0.4905	P	0.8
5	☐	1250.000	1279.620	8115215.02	0.9698	A	0.6
6	☐	2500.000	2417.162	15269656.07	1.8318	A	0.7
7	☐	5000.000	5031.336	32042961.13	3.8130	A	0.4
8	☐			29921.11	0.0036	P	1.1

$$y = 7.5785\text{E-}004 * x + 8.3859\text{E-}006$$

$$R = 0.9998$$

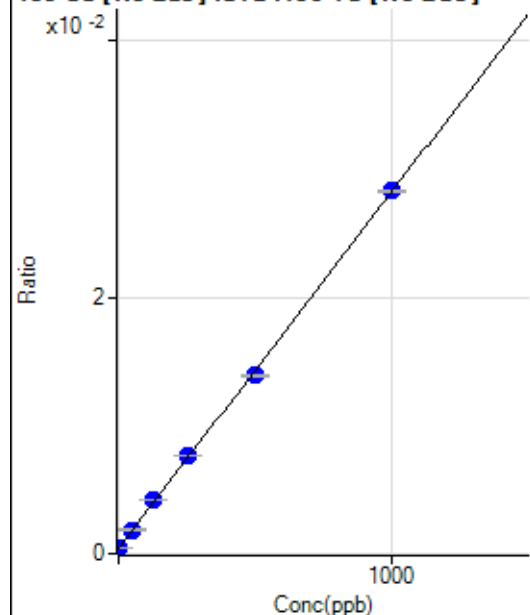
$$DL = 0.008494$$

$$BEC = 0.01107$$

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	3272.74	0.0004	P	0.5
2	☐	1.000	0.167	3536.70	0.0004	P	3.3
3	☐	50.000	52.033	15573.10	0.0019	P	2.1
4	☐	125.000	136.981	34796.54	0.0042	P	1.1
5	☐	250.000	257.972	62106.31	0.0076	P	0.4
6	☐	500.000	485.658	114233.51	0.0139	P	0.6
7	☐	1000.000	1003.580	234356.93	0.0283	P	0.4
8	☐			3236.62	0.0004	P	5.5

$$y = 2.7772\text{E-}005 * x + 4.2583\text{E-}004$$

$$R = 0.9997$$

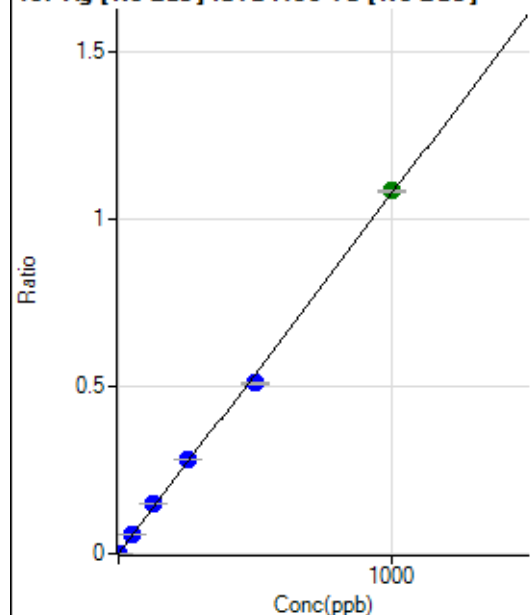
$$DL = 0.2491$$

$$BEC = 15.33$$

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	77.78	0.0000	P	27.0
2	☐	1.000	1.111	9912.21	0.0012	P	3.7
3	☐	50.000	54.574	489000.91	0.0588	P	1.9
4	☐	125.000	139.257	1233168.47	0.1499	P	0.1
5	☐	250.000	261.581	2304029.91	0.2816	P	1.3
6	☐	500.000	473.115	4181336.94	0.5093	P	0.4
7	☐	1000.000	1008.536	8990889.70	1.0856	A	0.6
8	☐			1533.48	0.0002	P	18.1

$$y = 0.0011 * x + 1.0121\text{E-}005$$

$$R = 0.9993$$

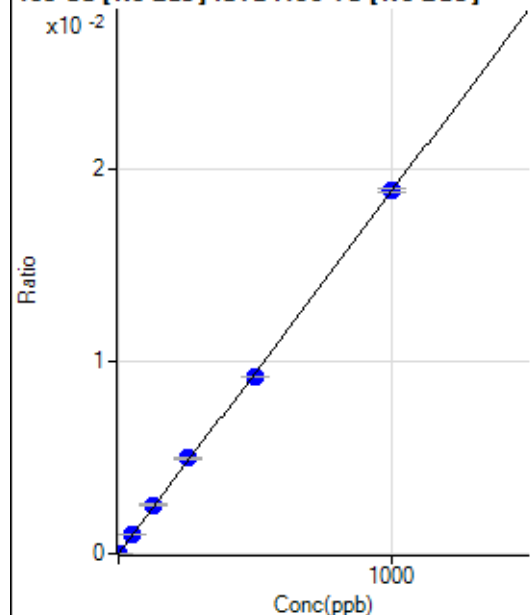
$$DL = 0.007609$$

$$BEC = 0.009403$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	1.000	1.193	187.51	0.0000	P	27.3
3	☐	50.000	52.801	8277.59	0.0010	P	2.7
4	☐	125.000	135.313	20961.63	0.0025	P	2.2
5	☐	250.000	263.363	40580.70	0.0050	P	1.5
6	☐	500.000	487.486	75370.09	0.0092	P	0.7
7	☐	1000.000	1001.487	156182.35	0.0189	P	1.1
8	☐			73.61	0.0000	P	22.4

$$y = 1.8829\text{E-}005 * x + 3.6171\text{E-}007$$

$$R = 0.9998$$

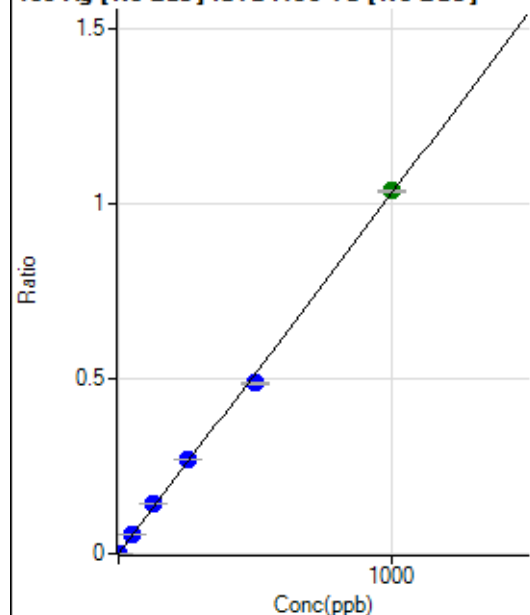
$$DL = 0.04991$$

$$BEC = 0.01921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	65.9
2	☐	1.000	1.119	9498.01	0.0012	P	4.1
3	☐	50.000	53.792	460127.92	0.0553	P	1.0
4	☐	125.000	139.186	1176643.26	0.1430	P	0.5
5	☐	250.000	262.740	2209226.18	0.2700	P	0.2
6	☐	500.000	474.644	4004704.86	0.4878	P	1.0
7	☐	1000.000	1007.530	8574714.52	1.0354	A	0.7
8	☐			1561.28	0.0002	P	13.8

$$y = 0.0010 * x + 5.7836\text{E-}006$$

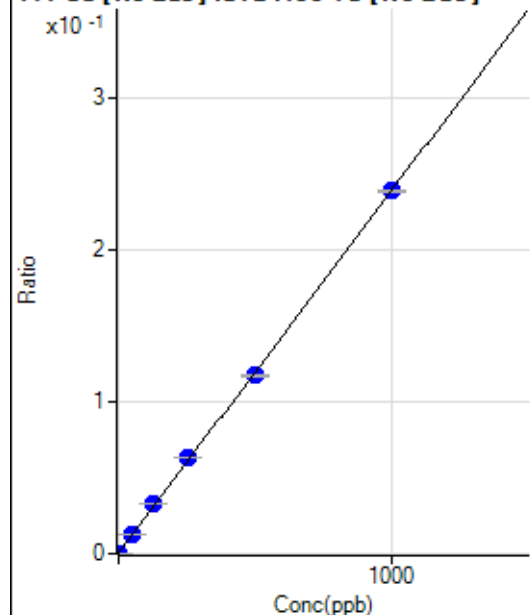
$$R = 0.9993$$

$$DL = 0.01112$$

$$BEC = 0.005628$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2290.36	0.0003	P	0.4
2	☐	1.000	0.978	4365.46	0.0005	P	1.4
3	☐	50.000	52.864	107433.71	0.0129	P	1.0
4	☐	125.000	138.642	274494.41	0.0334	P	0.1
5	☐	250.000	265.015	519673.35	0.0635	P	0.4
6	☐	500.000	489.531	961161.15	0.1171	P	0.9
7	☐	1000.000	999.632	1977199.99	0.2387	P	0.6
8	☐			2718.29	0.0003	P	6.5

$$y = 2.3853E-004 * x + 2.9801E-004$$

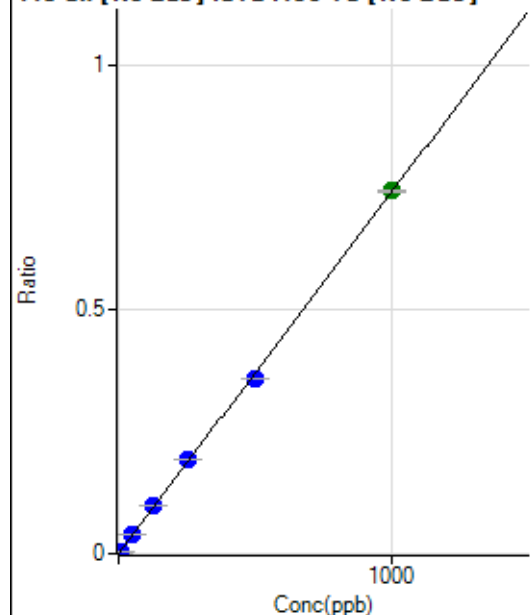
$$R = 0.9997$$

$$DL = 0.01657$$

$$BEC = 1.249$$

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	1044.53	0.0001	P	5.3
2	☐	5.000	4.953	31210.62	0.0038	P	1.7
3	☐	50.000	51.603	318695.32	0.0383	P	1.2
4	☐	125.000	133.697	814296.04	0.0990	P	0.5
5	☐	250.000	261.451	1582858.21	0.1934	P	0.2
6	☐	500.000	484.639	2943272.83	0.3585	P	0.6
7	☐	1000.000	1003.651	6147001.83	0.7422	A	0.4
8	☐			4917.74	0.0006	P	4.2

$$y = 7.3938E-004 * x + 1.3591E-004$$

$$R = 0.9997$$

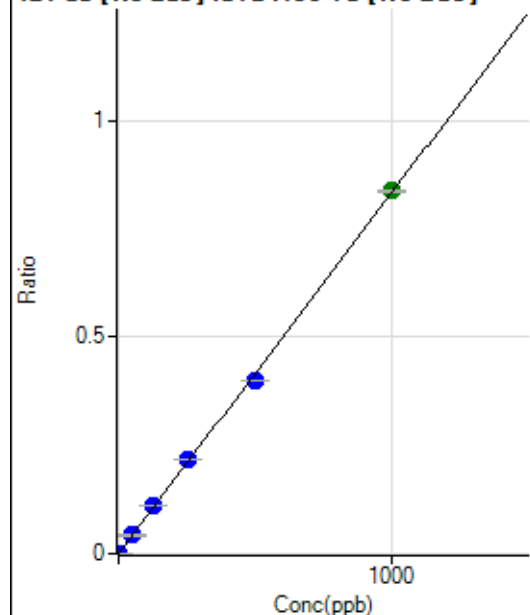
$$DL = 0.02924$$

$$BEC = 0.1838$$

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	33.33	0.0000	P	25.0
2	☐	2.000	2.006	13768.45	0.0017	P	1.6
3	☐	50.000	50.873	352754.47	0.0424	P	1.6
4	☐	125.000	134.382	920899.54	0.1119	P	0.4
5	☐	250.000	260.092	1772867.45	0.2167	P	0.6
6	☐	500.000	479.684	3280854.20	0.3996	P	0.2
7	☐	1000.000	1006.418	6943326.28	0.8384	A	0.3
8	☐			6554.59	0.0008	P	12.1

$$y = 8.3302\text{E-}004 * x + 4.3371\text{E-}006$$

$$R = 0.9996$$

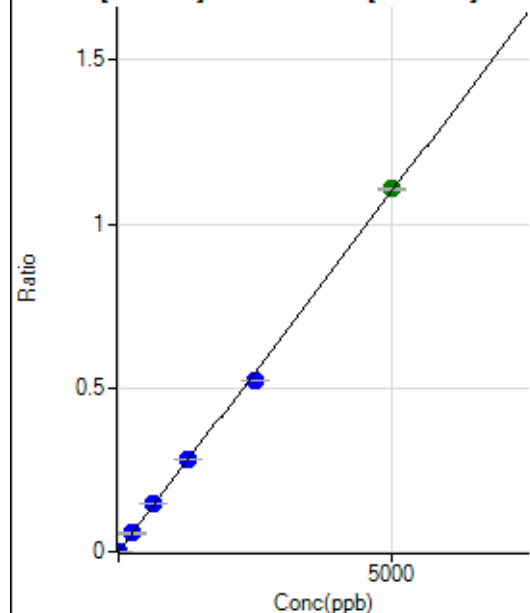
$$DL = 0.003905$$

$$BEC = 0.005206$$

Weight: <None>

Min Conc: 0

135 Ba [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	100.0
2	☐	10.000	10.094	18220.98	0.0022	P	2.1
3	☐	250.000	255.028	465887.98	0.0560	P	2.0
4	☐	625.000	668.274	1206601.16	0.1467	P	0.5
5	☐	1250.000	1288.784	2314532.08	0.2829	P	0.3
6	☐	2500.000	2385.090	4298021.54	0.5235	P	0.2
7	☐	5000.000	5042.098	9165315.83	1.1067	A	0.4
8	☐			1891.89	0.0002	P	6.3

$$y = 2.1948\text{E-}004 * x + 2.1686\text{E-}006$$

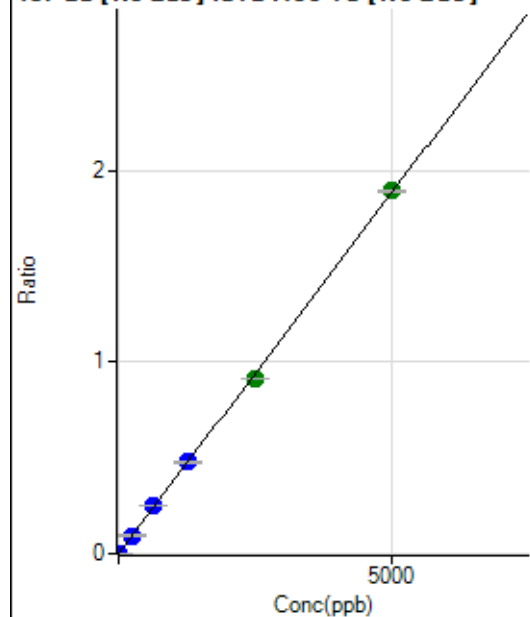
$$R = 0.9995$$

$$DL = 0.02964$$

$$BEC = 0.009881$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.6
2	☐	10.000	10.152	31430.95	0.0038	P	1.5
3	☐	250.000	253.346	794267.57	0.0954	P	1.5
4	☐	625.000	661.231	2048883.86	0.2491	P	0.2
5	☐	1250.000	1267.200	3905604.04	0.4773	P	0.4
6	☐	2500.000	2416.933	7474727.69	0.9104	A	0.1
7	☐	5000.000	5032.537	15699176.22	1.8956	A	0.6
8	☐			3286.63	0.0004	P	2.6

$$y = 3.7667\text{E-}004 * x + 1.4457\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01319$$

$$BEC = 0.003838$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.45		P	86.6
2	☐			4.45		P	86.6
3	☐			53.34		P	21.6
4	☐			148.89		P	28.8
5	☐			240.01		P	31.6
6	☐			380.02		P	4.6
7	☐			764.49		P	14.3
8	☐			84.45		P	19.9

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	0.0
3	☐			8.89		P	57.3
4	☐			15.56		P	32.7
5	☐			25.56		P	39.8
6	☐			52.22		P	3.7
7	☐			83.33		P	21.2
8	☐			35.56		P	14.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐			25.00		P	57.7
3	☐			36.11		P	74.2
4	☐			36.11		P	35.3
5	☐			69.45		P	13.9
6	☐			102.78		P	38.3
7	☐			163.90		P	12.8
8	☐			63.89		P	27.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	62.5
2	☐			12.22		P	41.7
3	☐			31.11		P	16.4
4	☐			47.78		P	4.0
5	☐			65.55		P	20.6
6	☐			111.11		P	25.9
7	☐			181.11		P	10.5
8	☐			35.55		P	19.5

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	69.3
2	☐			55.56		P	22.9
3	☐			69.45		P	6.9
4	☐			66.67		P	21.6
5	☐			72.23		P	17.6
6	☐			83.34		P	55.7
7	☐			94.45		P	39.8
8	☐			75.00		P	29.4

160 Gd [He] No available calibration points

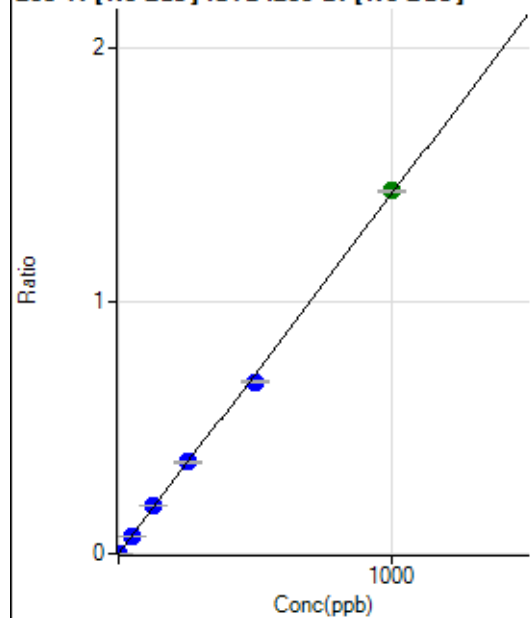
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			168.89		P	2.3
2	☐			184.45		P	7.5
3	☐			192.23		P	4.4
4	☐			193.34		P	19.4
5	☐			165.56		P	13.4
6	☐			201.11		P	27.3
7	☐			198.89		P	15.5
8	☐			180.00		P	4.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			61.12		P	7.9
2	☐			55.56		P	8.7
3	☐			52.78		P	24.1
4	☐			66.67		P	33.1
5	☐			91.67		P	27.3
6	☐			83.34		P	50.0
7	☐			77.78		P	44.6
8	☐			77.78		P	22.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45.56		P	47.6
2	☐			38.89		P	26.2
3	☐			38.89		P	38.7
4	☐			43.33		P	27.7
5	☐			30.00		P	48.4
6	☐			46.67		P	25.8
7	☐			45.56		P	16.9
8	☐			44.45		P	24.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	313.91	0.0001	P	11.7
2	☐	1.000	0.967	6807.58	0.0014	P	0.4
3	☐	50.000	49.672	333102.65	0.0708	P	1.3
4	☐	125.000	132.764	879940.80	0.1890	P	1.7
5	☐	250.000	255.069	1691384.91	0.3631	P	1.7
6	☐	500.000	477.858	3162540.28	0.6802	P	0.5
7	☐	1000.000	1008.850	6619749.89	1.4360	A	0.4
8	☐			1786.31	0.0004	P	13.0

$$y = 0.0014 * x + 7.1399E-005$$

$$R = 0.9996$$

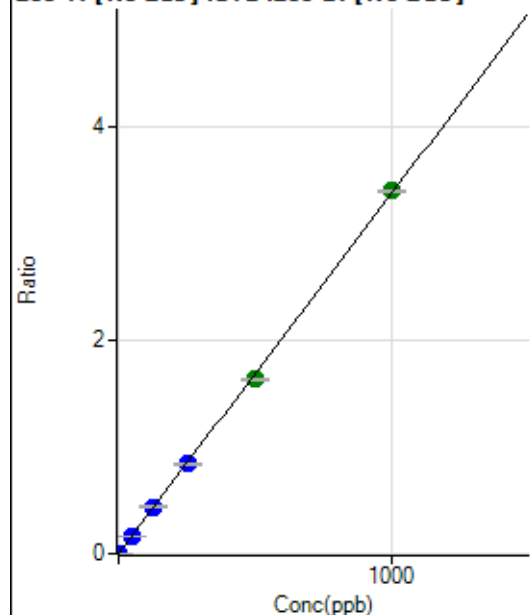
$$DL = 0.0176$$

$$BEC = 0.05016$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.14	0.0001	P	12.9
2	☐	1.000	0.951	15529.17	0.0033	P	3.5
3	☐	50.000	49.050	779122.72	0.1655	P	0.9
4	☐	125.000	130.420	2047888.61	0.4400	P	0.9
5	☐	250.000	248.410	3903012.24	0.8379	P	1.5
6	☐	500.000	485.005	7605454.68	1.6359	A	0.8
7	☐	1000.000	1007.265	15660971.53	3.3973	A	0.4
8	☐			3953.54	0.0010	P	2.6

$$y = 0.0034 * x + 9.3486E-005$$

$$R = 0.9998$$

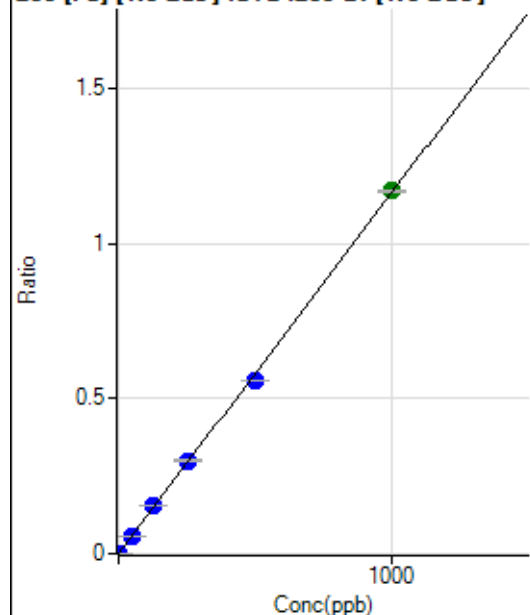
$$DL = 0.01074$$

$$BEC = 0.02772$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455.58	0.0001	P	10.1
2	☐	1.000	0.916	5501.29	0.0012	P	2.1
3	☐	50.000	50.211	275459.88	0.0585	P	0.9
4	☐	125.000	133.585	723918.68	0.1555	P	0.8
5	☐	250.000	258.247	1399936.24	0.3006	P	2.1
6	☐	500.000	481.040	2602477.86	0.5598	P	0.2
7	☐	1000.000	1006.334	5397783.22	1.1709	A	0.3
8	☐			17287.54	0.0043	P	2.4

$$y = 0.0012 * x + 1.0367E-004$$

$$R = 0.9997$$

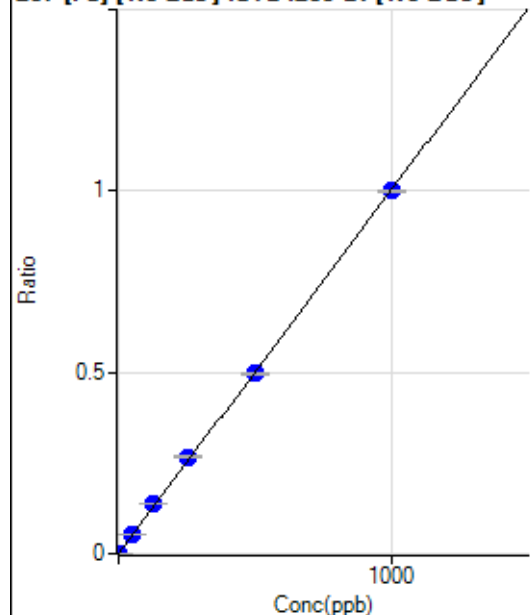
$$DL = 0.02709$$

$$BEC = 0.0891$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	487.06	0.0001	P	15.1
2	☐	1.000	0.960	5047.40	0.0011	P	2.1
3	☐	50.000	51.316	242825.46	0.0516	P	0.6
4	☐	125.000	137.462	642407.36	0.1380	P	0.5
5	☐	250.000	264.755	1237689.28	0.2657	P	1.7
6	☐	500.000	494.927	2308916.40	0.4966	P	0.6
7	☐	1000.000	997.224	4612288.67	1.0005	P	0.6
8	☐			15299.92	0.0038	P	1.0

$$y = 0.0010 * x + 1.1077E-004$$

$$R = 0.9998$$

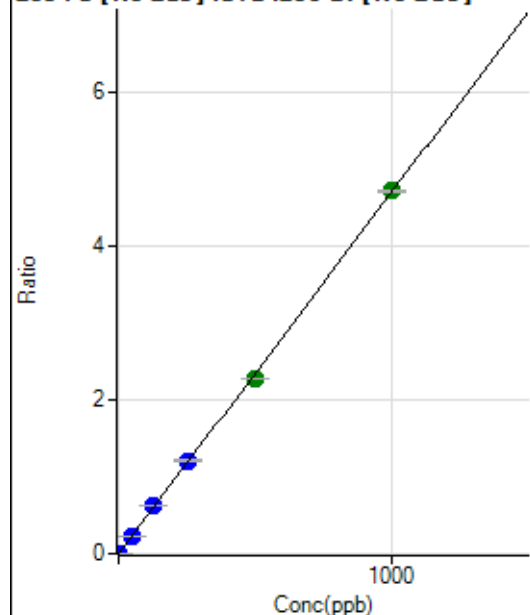
$$DL = 0.05007$$

$$BEC = 0.1104$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1583.41	0.0004	P	3.0
2	☐	1.000	0.949	22622.96	0.0048	P	0.9
3	☐	50.000	50.119	1108049.45	0.2354	P	0.0
4	☐	125.000	133.940	2925659.44	0.6285	P	0.5
5	☐	250.000	256.983	5615721.48	1.2056	P	1.6
6	☐	500.000	484.712	10570628.82	2.2736	A	0.5
7	☐	1000.000	1004.775	21724780.61	4.7127	A	0.2
8	☐			70033.39	0.0173	P	1.0

$$y = 0.0047 * x + 3.6018E-004$$

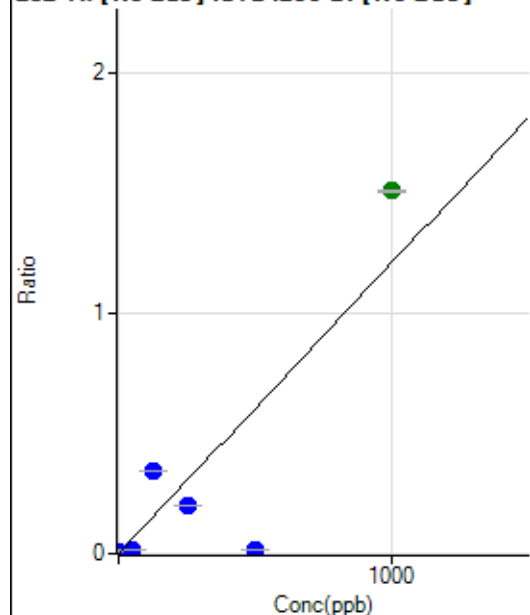
$$R = 0.9998$$

$$DL = 0.00699$$

$$BEC = 0.0768$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1364.93	0.0003	P	4.5
2	☐	1.000	3.752	22842.66	0.0049	P	1.0
3	☐	50.000	11.125	64931.38	0.0138	P	0.5
4	☐	125.000	281.258	1588256.30	0.3412	P	0.2
5	☐	250.000	164.647	931092.89	0.1999	P	1.0
6	☐	500.000	12.946	74392.29	0.0160	P	1.9
7	☐	1000.000	1247.274	6970385.57	1.5121	A	0.3
8	☐			2889.30	0.0007	P	1.6

$$y = 0.0012 * x + 3.1045E-004$$

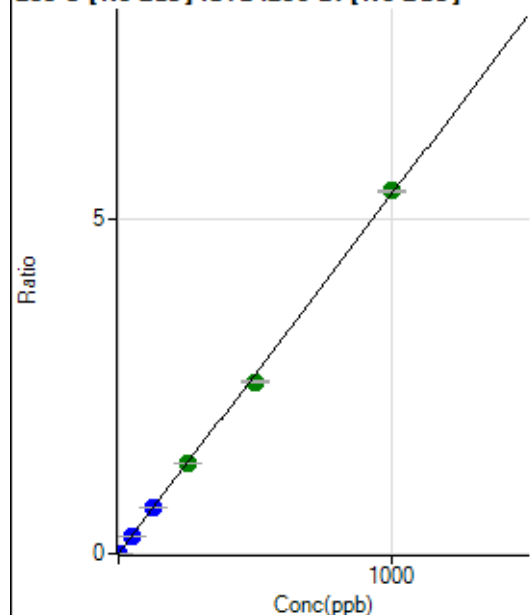
$$R = 0.8605$$

$$DL = 0.03488$$

$$BEC = 0.2561$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1555.72	0.0004	P	11.4
2	☐	1.000	0.930	25094.52	0.0053	P	1.1
3	☐	50.000	47.552	1200605.42	0.2551	P	0.5
4	☐	125.000	127.839	3189144.47	0.6851	P	0.2
5	☐	250.000	252.214	6294825.36	1.3514	A	1.4
6	☐	500.000	478.023	11906252.44	2.5610	A	1.3
7	☐	1000.000	1010.203	24946251.60	5.4117	A	0.5
8	☐			4692.73	0.0012	P	6.4

$$y = 0.0054 * x + 3.5397E-004$$

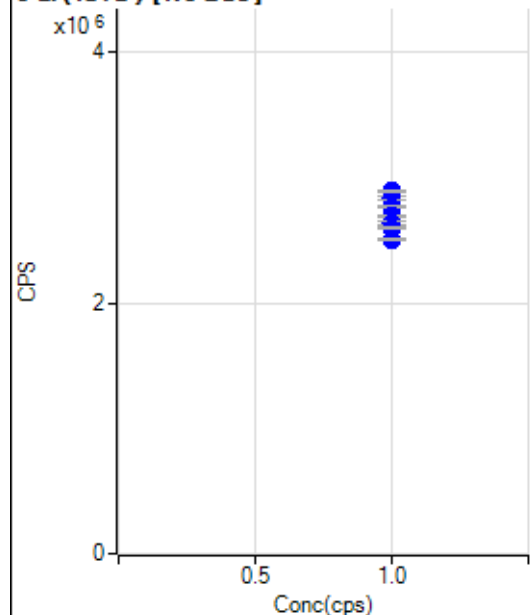
$$R = 0.9996$$

$$DL = 0.02267$$

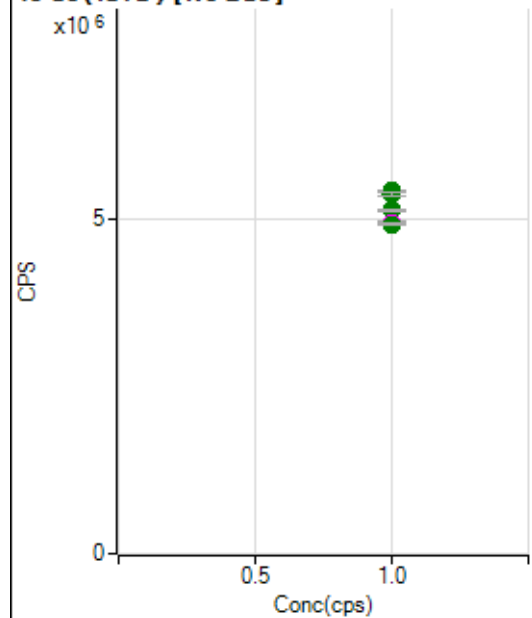
$$BEC = 0.06608$$

Weight: <None>

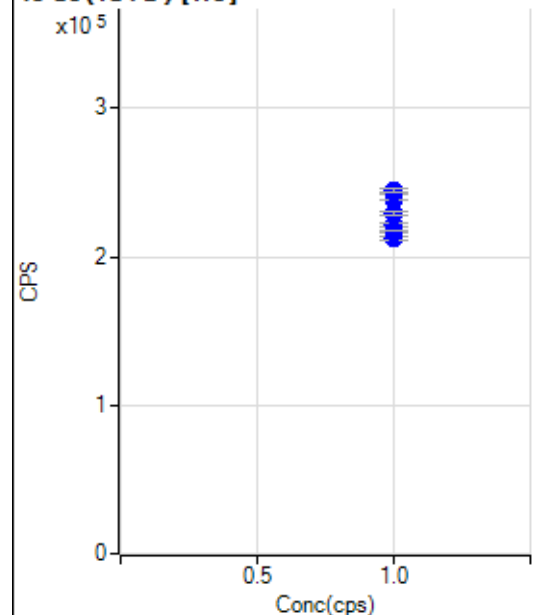
Min Conc: 0

6 Li (ISTD) [No Gas]

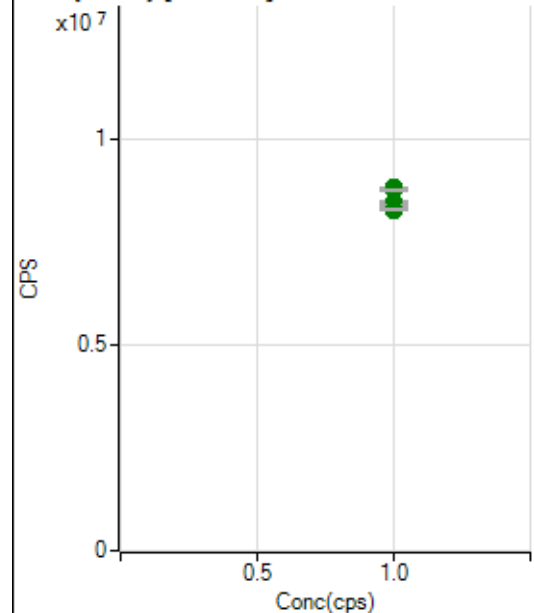
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2839952.49		P	0.9
2	☐	1.000		2891957.80		P	0.1
3	☐	1.000		2894875.83		P	0.5
4	☐	1.000		2766499.92		P	0.8
5	☐	1.000		2695329.68		P	0.4
6	☐	1.000		2636516.16		P	1.1
7	☐	1.000		2599918.30		P	0.5
8	☐	1.000		2506887.11		P	0.6

45 Sc (ISTD) [No Gas]

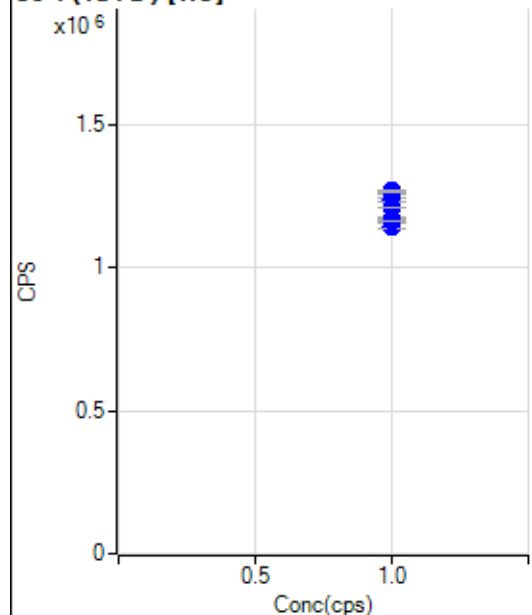
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5138505.76		A	0.6
2	☐	1.000		5420044.04		A	0.3
3	☐	1.000		5382795.04		A	0.9
4	☐	1.000		5133610.05		A	0.9
5	☐	1.000		4954070.25		A	0.2
6	☐	1.000		4931753.84		M	0.8
7	☐	1.000		4953725.76		M	0.4
8	☐	1.000		4924073.03		A	1.0

45 Sc (ISTD) [He]

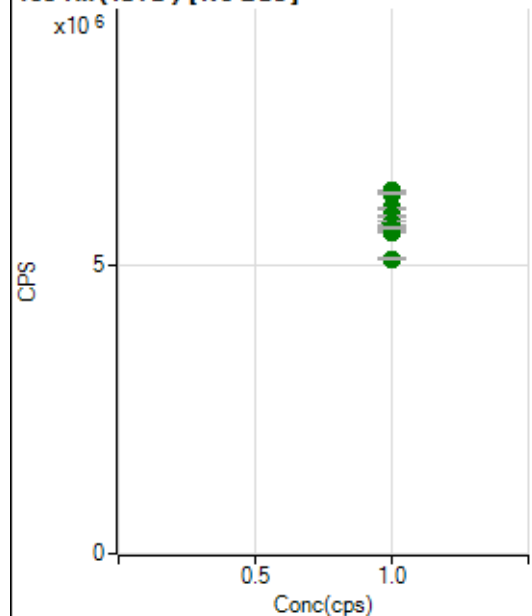
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		238334.02		P	0.4
2	☐	1.000		243369.06		P	0.6
3	☐	1.000		244307.91		P	1.2
4	☐	1.000		220961.61		P	1.0
5	☐	1.000		212666.26		P	1.1
6	☐	1.000		216491.16		P	0.7
7	☐	1.000		217972.61		P	0.1
8	☐	1.000		229040.96		P	0.7

89 Y (ISTD) [No Gas]

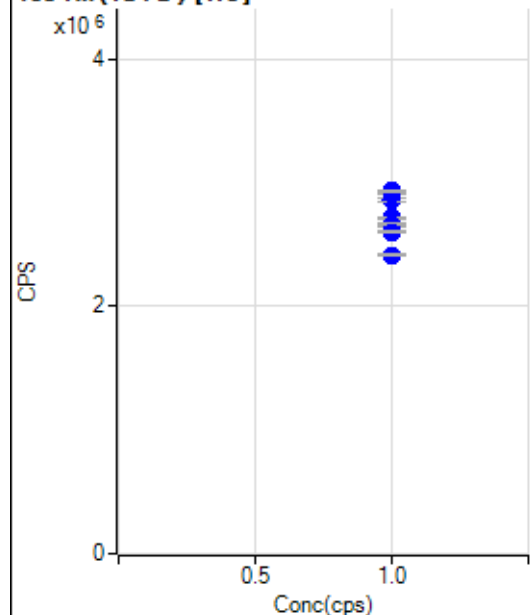
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8290859.53		A	0.7
2	☐	1.000		8812643.69		A	0.6
3	☐	1.000		8775165.63		A	0.6
4	☐	1.000		8475527.09		A	0.5
5	☐	1.000		8368218.28		A	0.4
6	☐	1.000		8335937.10		A	1.3
7	☐	1.000		8403661.47		A	0.6
8	☐	1.000		8284937.59		A	0.4

89 Y(ISTD) [He]

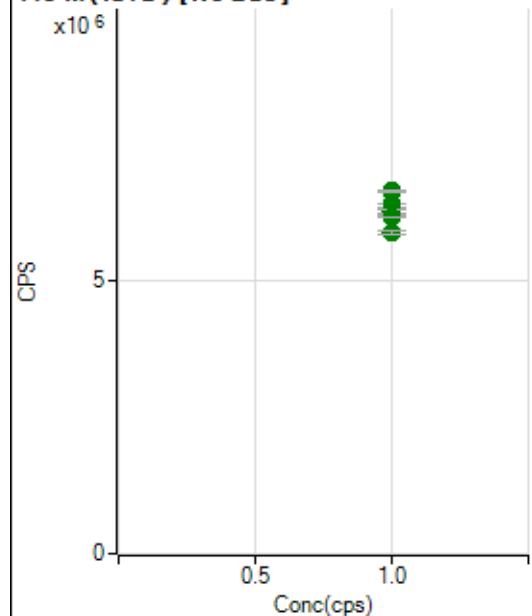
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1238366.77		P	0.8
2	☐	1.000		1258107.95		P	0.1
3	☐	1.000		1268638.97		P	0.7
4	☐	1.000		1172340.22		P	0.7
5	☐	1.000		1146078.46		P	1.4
6	☐	1.000		1167346.14		P	0.4
7	☐	1.000		1164891.32		P	0.2
8	☐	1.000		1208604.49		P	0.2

103 Rh(ISTD) [No Gas]

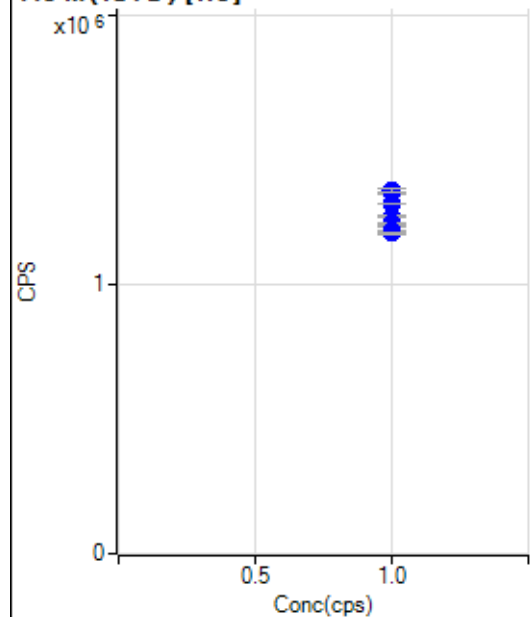
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5589583.15		A	0.3
2	☐	1.000		6300420.97		A	0.0
3	☐	1.000		6258374.27		A	0.7
4	☐	1.000		6003683.38		A	0.4
5	☐	1.000		5865858.42		A	0.8
6	☐	1.000		5737086.76		A	1.0
7	☐	1.000		5658695.83		A	0.3
8	☐	1.000		5112667.22		A	0.6

103 Rh (ISTD) [He]

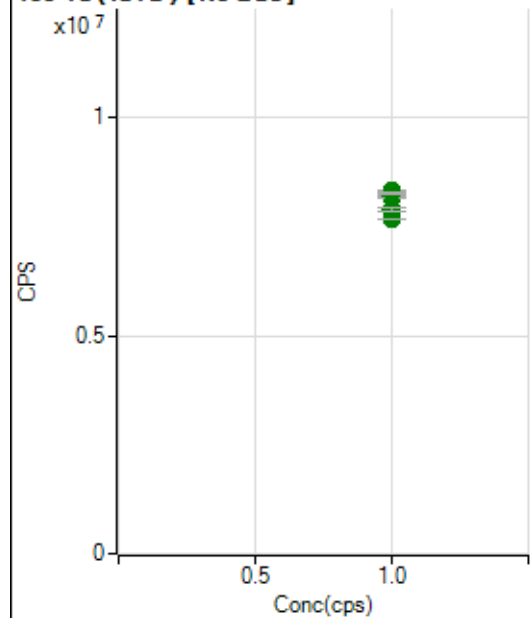
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2861853.74		P	0.6
2	☐	1.000		2913008.74		P	0.2
3	☐	1.000		2933533.95		P	0.4
4	☐	1.000		2717722.15		P	0.7
5	☐	1.000		2655847.65		P	0.9
6	☐	1.000		2662398.99		P	0.5
7	☐	1.000		2604251.97		P	0.3
8	☐	1.000		2414341.60		P	0.5

115 In (ISTD) [No Gas]

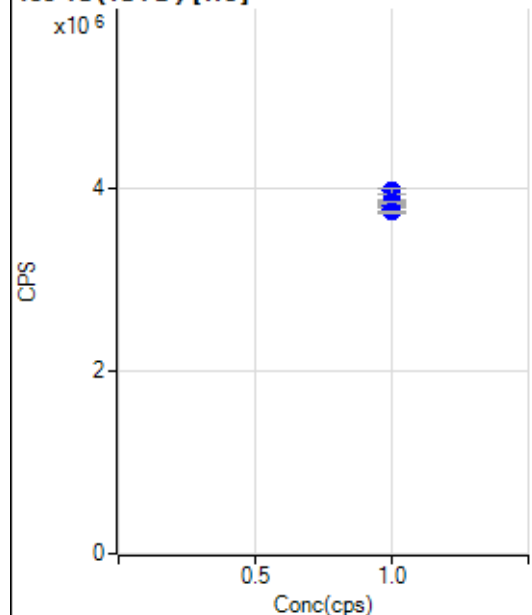
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6182819.12		A	0.7
2	☐	1.000		6633147.98		A	0.3
3	☐	1.000		6626657.94		A	0.8
4	☐	1.000		6403842.59		A	0.3
5	☐	1.000		6321540.78		A	0.5
6	☐	1.000		6241631.68		A	1.4
7	☐	1.000		6159887.68		A	0.2
8	☐	1.000		5875091.60		A	0.8

115 In (ISTD) [He]

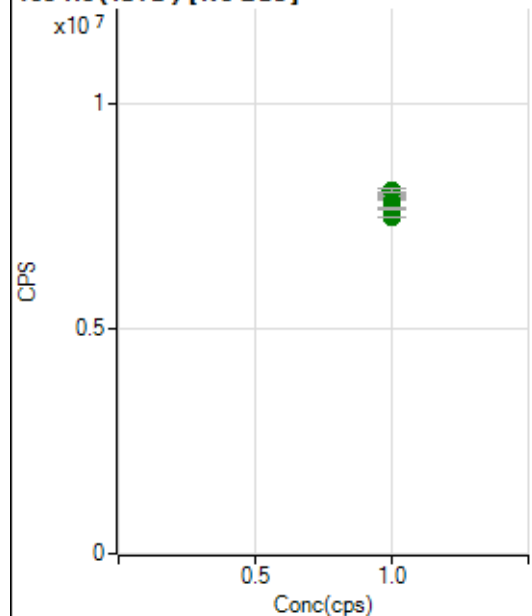
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1300288.72		P	0.1
2	☐	1.000		1339353.09		P	0.5
3	☐	1.000		1345504.03		P	0.9
4	☐	1.000		1250305.34		P	0.5
5	☐	1.000		1220016.31		P	1.6
6	☐	1.000		1223772.89		P	0.4
7	☐	1.000		1199228.60		P	0.3
8	☐	1.000		1190292.27		P	0.5

159 Tb (ISTD) [No Gas]

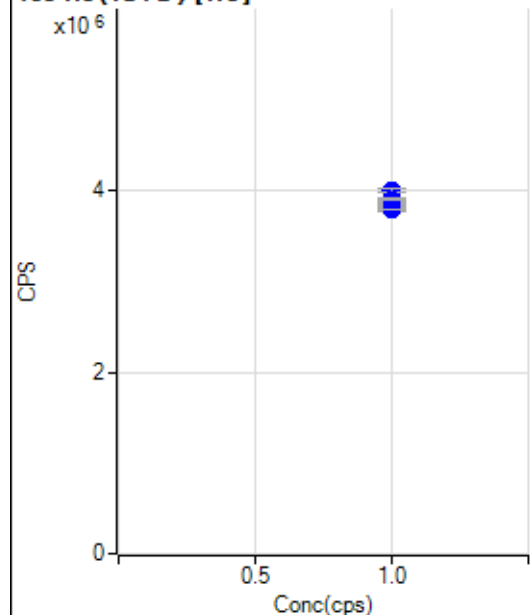
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7685612.80		A	0.0
2	☐	1.000		8216791.54		A	0.4
3	☐	1.000		8323520.57		A	0.5
4	☐	1.000		8226246.54		A	0.3
5	☐	1.000		8182337.31		A	0.4
6	☐	1.000		8210426.13		A	1.0
7	☐	1.000		8281953.00		A	0.4
8	☐	1.000		7897084.68		A	0.7

159 Tb (ISTD) [He]

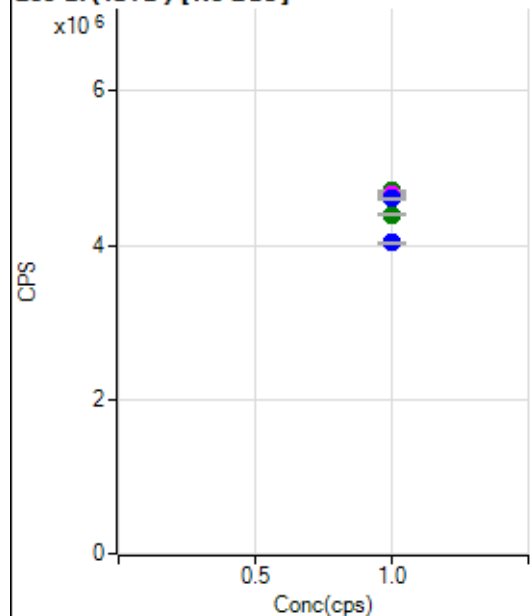
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3788190.84		P	0.2
2	☐	1.000		3859299.39		P	0.7
3	☐	1.000		3963239.14		P	1.4
4	☐	1.000		3807957.37		P	0.9
5	☐	1.000		3761472.83		P	1.6
6	☐	1.000		3837373.34		P	0.9
7	☐	1.000		3843214.98		P	0.6
8	☐	1.000		3736033.35		P	0.7

165 Ho (ISTD) [No Gas]

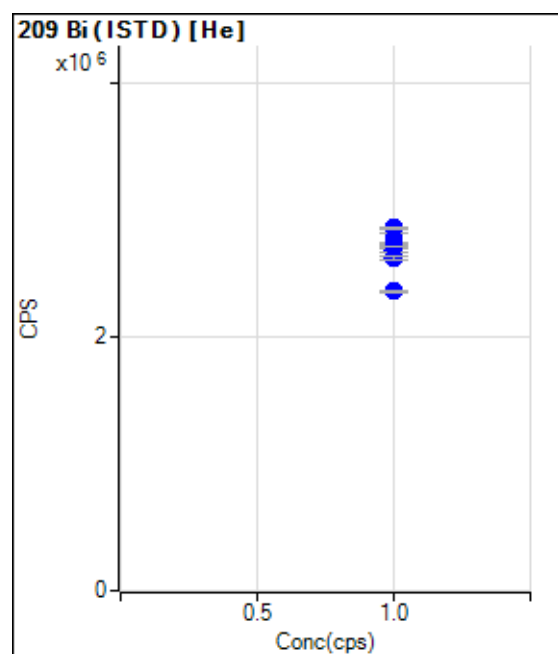
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7479901.64		A	0.2
2	☐	1.000		7900362.85		A	0.4
3	☐	1.000		8024525.27		A	0.1
4	☐	1.000		7959459.99		A	1.0
5	☐	1.000		7960830.30		A	0.5
6	☐	1.000		7962704.43		A	0.3
7	☐	1.000		8068415.28		A	1.0
8	☐	1.000		7680300.43		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3796266.43		P	0.3
2	☐	1.000		3883723.31		P	0.0
3	☐	1.000		3995342.02		P	1.0
4	☐	1.000		3847439.63		P	0.9
5	☐	1.000		3797313.07		P	1.5
6	☐	1.000		3902622.44		P	0.3
7	☐	1.000		3906488.00		P	0.4
8	☐	1.000		3792783.28		P	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4395754.00		A	0.6
2	☐	1.000		4702211.49		A	0.2
3	☐	1.000		4706793.92		A	0.6
4	☐	1.000		4654740.80		A	0.4
5	☐	1.000		4659034.72		M	2.3
6	☐	1.000		4649187.99		M	0.2
7	☐	1.000		4609794.86		P	0.5
8	☐	1.000		4040074.39		P	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2747025.32		P	0.2
2	☐	1.000		2817678.73		P	0.2
3	☐	1.000		2862178.52		P	0.9
4	☐	1.000		2734355.05		P	0.7
5	☐	1.000		2683181.16		P	1.4
6	☐	1.000		2715365.53		P	0.5
7	☐	1.000		2626119.39		P	0.7
8	☐	1.000		2362635.00		P	0.5