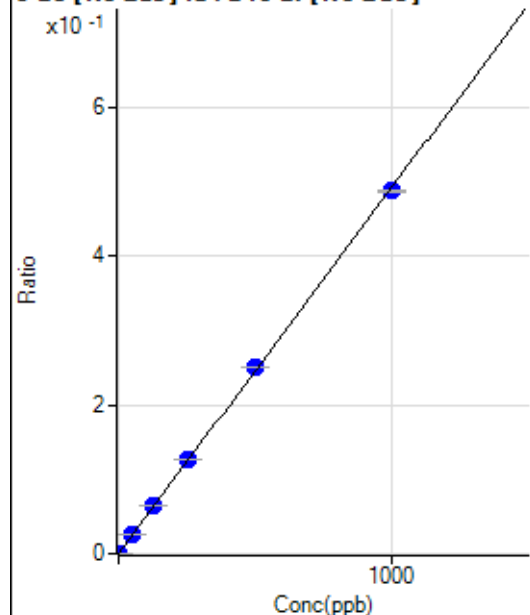


Batch Folder: D:\ICP-MS Data\P7082219MS.b\
Analysis File: P7082219MS.batch.bin
DA Date-Time: 2019-08-22 14:00:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2019-08-22 11:30:20
2	003CALS.d	S02	2019-08-22 11:33:56
3	004CALS.d	S03	2019-08-22 11:38:52
4	005CALS.d	S04	2019-08-22 11:42:49
5	006CALS.d	S05	2019-08-22 11:46:41
6	007CALS.d	S06	2019-08-22 11:50:31
7	008CALS.d	S07	2019-08-22 11:54:19
8	009CALS.d	S08	2019-08-22 11:58:05

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.66	0.0000	P	8.4
2	☐	1.000	1.055	1752.35	0.0005	P	2.9
3	☐	50.000	53.155	86152.28	0.0262	P	0.5
4	☐	125.000	131.950	209017.52	0.0650	P	0.4
5	☐	250.000	258.792	403426.74	0.1275	P	0.9
6	☐	500.000	510.114	784553.33	0.2513	P	0.3
7	☐	1000.000	991.718	1535629.94	0.4884	P	0.4
8	☐			604.47	0.0002	P	16.6

$$y = 4.9250\text{E-}004 * x + 2.1014\text{E-}005$$

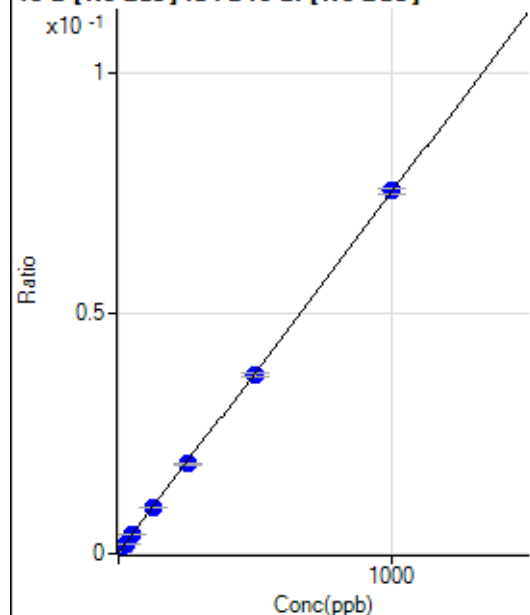
$$R = 0.9999$$

$$DL = 0.01079$$

$$BEC = 0.04267$$

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	711.16	0.0002	P	3.2
2	☐	25.000	24.042	6565.58	0.0020	P	0.9
3	☐	50.000	51.034	13314.66	0.0040	P	1.8
4	☐	125.000	124.886	30818.42	0.0096	P	2.7
5	☐	250.000	246.411	59152.44	0.0187	P	2.1
6	☐	500.000	493.903	116301.09	0.0372	P	2.4
7	☐	1000.000	1003.932	237268.18	0.0755	P	1.5
8	☐			11588.28	0.0038	P	5.4

$$y = 7.4950\text{E-}005 * x + 2.2421\text{E-}004$$

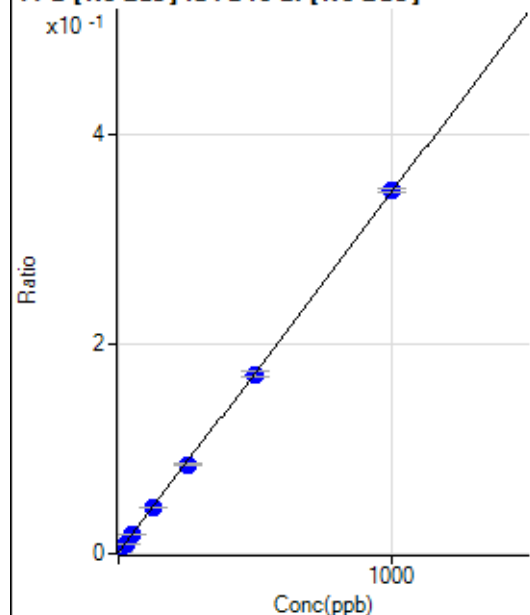
$$R = 1.0000$$

$$DL = 0.2891$$

$$BEC = 2.991$$

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	3058.77	0.0010	P	6.6
2	☐	25.000	23.577	29404.46	0.0091	P	1.9
3	☐	50.000	49.947	59665.60	0.0181	P	1.4
4	☐	125.000	125.548	141952.61	0.0442	P	1.4
5	☐	250.000	244.380	269066.34	0.0850	P	2.0
6	☐	500.000	495.567	535342.56	0.1714	P	2.5
7	☐	1000.000	1003.591	1088356.27	0.3462	P	1.0
8	☐			53376.50	0.0173	P	6.9

$$y = 3.4398\text{E-}004 * x + 9.6445\text{E-}004$$

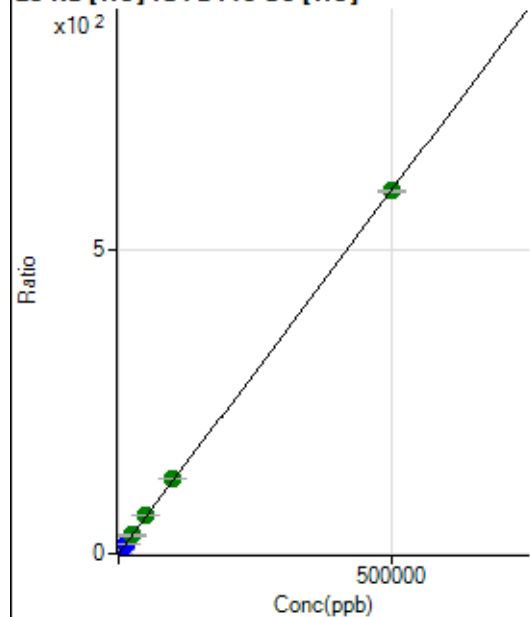
$$R = 1.0000$$

$$DL = 0.557$$

$$BEC = 2.804$$

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	5240.02	0.0251	P	3.0
2	☐	500.000	488.262	130532.78	0.6083	P	2.0
3	☐	5000.000	5075.695	1292068.52	6.0882	P	0.4
4	☐	12500.000	12893.243	3163287.33	15.4265	P	0.7
5	☐	25000.000	25160.417	6135222.58	30.0800	A	2.1
6	☐	50000.000	51838.852	12160668.85	61.9483	A	0.6
7	☐	100000.00	101943.97	24626842.56	121.8005	A	0.0
8	☐	500000.00	499408.72	120979601.3	596.5849	A	0.3

$$y = 0.0012 * x + 0.0251$$

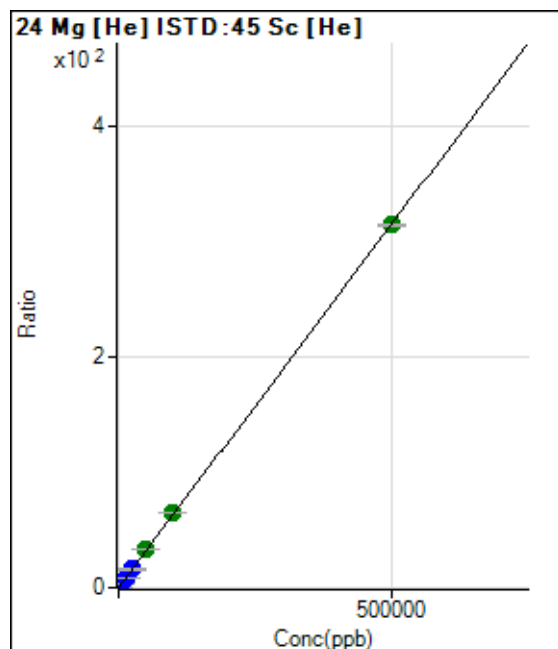
$$R = 1.0000$$

$$DL = 1.907$$

$$BEC = 21$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0003	P	29.9
2	☐	500.000	506.037	68300.94	0.3184	P	4.1
3	☐	5000.000	5186.144	691928.23	3.2604	P	0.3
4	☐	12500.000	13095.142	1688022.72	8.2321	P	0.9
5	☐	25000.000	25429.999	3260410.99	15.9859	P	2.4
6	☐	50000.000	52510.688	6479720.54	33.0093	A	0.7
7	☐	100000.00	102510.90	13029152.03	64.4401	A	0.3
8	☐	500000.00	499208.50	63636695.87	313.8100	A	0.4

$$y = 6.2861\text{E-}004 * x + 2.6526\text{E-}004$$

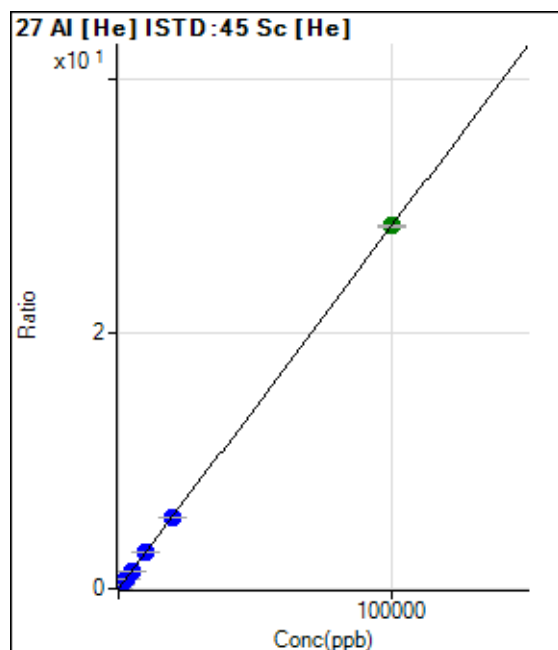
$$R = 1.0000$$

$$DL = 0.3785$$

$$BEC = 0.422$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0002	P	10.6
2	☐	20.000	18.824	1191.77	0.0056	P	13.9
3	☐	1000.000	994.821	60009.97	0.2828	P	1.0
4	☐	2500.000	2523.833	147032.80	0.7170	P	0.9
5	☐	5000.000	4882.120	282891.93	1.3869	P	1.5
6	☐	10000.000	9978.133	556358.71	2.8342	P	0.7
7	☐	20000.000	19569.520	1123858.14	5.5584	P	0.4
8	☐	100000.00	100093.63	5765091.62	28.4292	A	0.3

$$y = 2.8402\text{E-}004 * x + 2.1275\text{E-}004$$

$$R = 1.0000$$

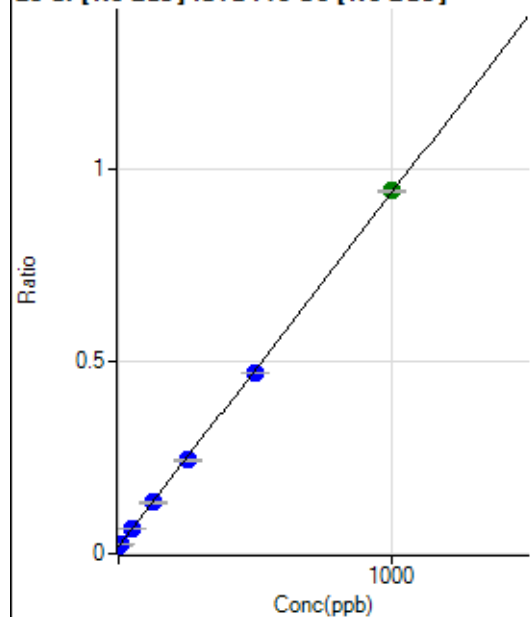
$$DL = 0.239$$

$$BEC = 0.7491$$

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	102650.96	0.0184	P	0.7
2	☐	10.000	8.884	147768.36	0.0266	P	1.3
3	☐	50.000	50.011	362258.89	0.0645	P	1.4
4	☐	125.000	124.730	726654.66	0.1334	P	1.3
5	☐	250.000	245.703	1309100.26	0.2448	P	1.9
6	☐	500.000	490.634	2468155.07	0.4705	P	0.6
7	☐	1000.000	1005.801	5005193.78	0.9453	A	0.7
8	☐			368644.10	0.0692	P	1.2

$$y = 9.2151E-004 * x + 0.0184$$

$$R = 0.9999$$

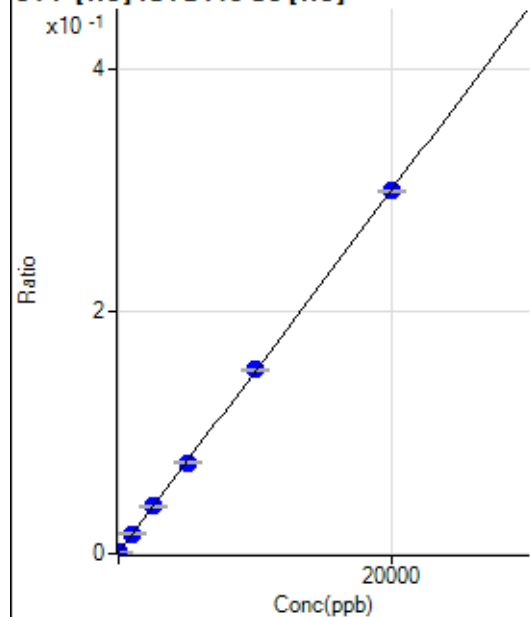
$$DL = 0.4376$$

$$BEC = 19.98$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.131	125.01	0.0006	P	44.9
2	☐	0.000	20.131	258.34	0.0012	P	10.8
3	☐	1000.000	1038.242	3489.45	0.0164	P	6.9
4	☐	2500.000	2548.882	8008.01	0.0391	P	4.6
5	☐	5000.000	4963.495	15336.24	0.0752	P	2.4
6	☐	10000.000	10083.939	29808.46	0.1518	P	1.2
7	☐	20000.000	19959.134	60584.73	0.2996	P	0.5
8	☐			125.01	0.0006	P	37.1

$$y = 1.4968E-005 * x + 9.0221E-004$$

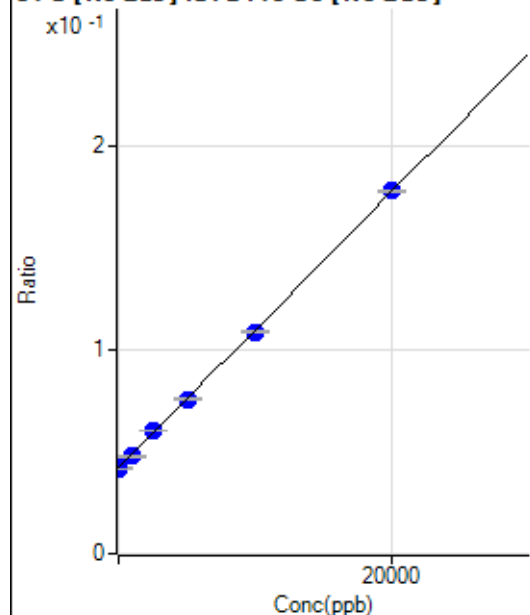
$$R = 1.0000$$

$$DL = 40.08$$

$$BEC = 60.28$$

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	46.033	236304.41	0.0424	P	0.3
2	☐	0.000	-46.033	231991.23	0.0418	P	1.0
3	☐	1000.000	853.721	268856.81	0.0479	P	1.2
4	☐	2500.000	2711.635	329594.22	0.0605	P	0.5
5	☐	5000.000	4974.296	405591.84	0.0758	P	0.9
6	☐	10000.000	9871.722	572222.63	0.1091	P	1.4
7	☐	20000.000	20051.424	943675.52	0.1782	P	0.8
8	☐			213399.53	0.0401	P	0.5

$$y = 6.7900\text{E-}006 * x + 0.0421$$

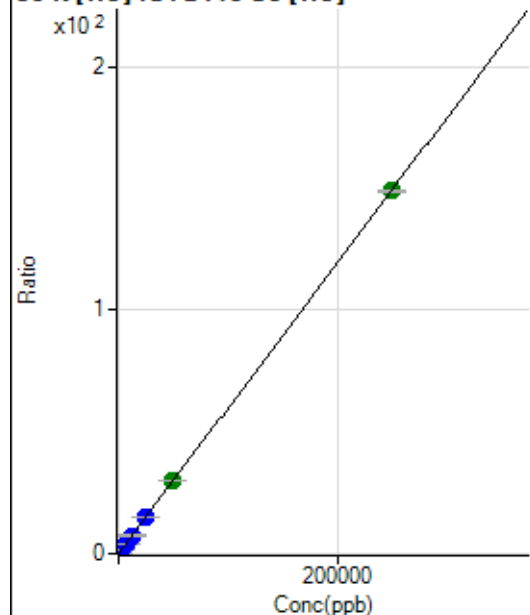
R = 0.9999

DL = 128.7

BEC = 6196

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	10626.46	0.0509	P	5.5
2	☐	500.000	492.936	73962.24	0.3447	P	1.4
3	☐	2500.000	2568.968	335777.22	1.5822	P	1.0
4	☐	6250.000	6431.124	796510.84	3.8843	P	0.6
5	☐	12500.000	12412.663	1519555.40	7.4498	P	1.8
6	☐	25000.000	25348.242	2975945.94	15.1605	P	0.9
7	☐	50000.000	50113.879	6050101.31	29.9229	A	0.2
8	☐	250000.00	249941.56	30222628.45	149.0368	A	0.4

$$y = 5.9608\text{E-}004 * x + 0.0509$$

R = 1.0000

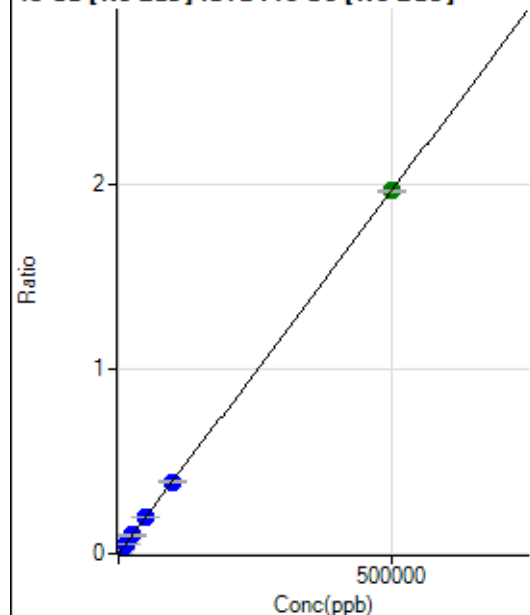
DL = 14.02

BEC = 85.31

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	119.45	0.0000	P	20.3
2	☐	500.000	483.525	10668.14	0.0019	P	3.6
3	☐	5000.000	5093.592	112469.83	0.0200	P	0.4
4	☐	12500.000	12746.343	272871.75	0.0501	P	0.2
5	☐	25000.000	25200.491	529254.10	0.0990	P	1.4
6	☐	50000.000	50700.753	1044397.50	0.1991	P	0.5
7	☐	100000.00	99285.070	2064459.55	0.3899	P	0.7
8	☐	500000.00	500055.80	10462098.33	1.9636	A	0.5

$$y = 3.9267\text{E-}006 * x + 2.1428\text{E-}005$$

$$R = 1.0000$$

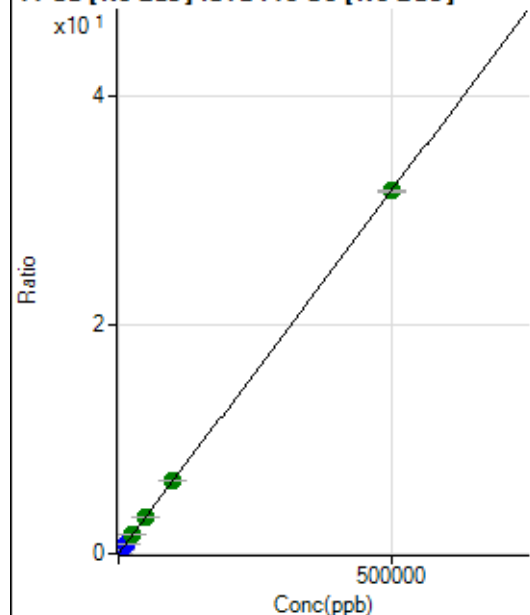
$$DL = 3.315$$

$$BEC = 5.457$$

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	6469.26	0.0012	P	5.9
2	☐	500.000	490.847	179186.19	0.0323	P	0.4
3	☐	5000.000	5135.762	1833701.69	0.3265	P	0.7
4	☐	12500.000	12817.664	4430648.67	0.8130	P	0.4
5	☐	25000.000	25361.863	8596279.79	1.6076	A	1.5
6	☐	50000.000	51060.473	16970450.72	3.2354	A	0.2
7	☐	100000.00	100591.11	33743277.49	6.3727	A	0.7
8	☐	500000.00	499748.34	168661194.0	31.6556	A	0.5

$$y = 6.3341\text{E-}005 * x + 0.0012$$

$$R = 1.0000$$

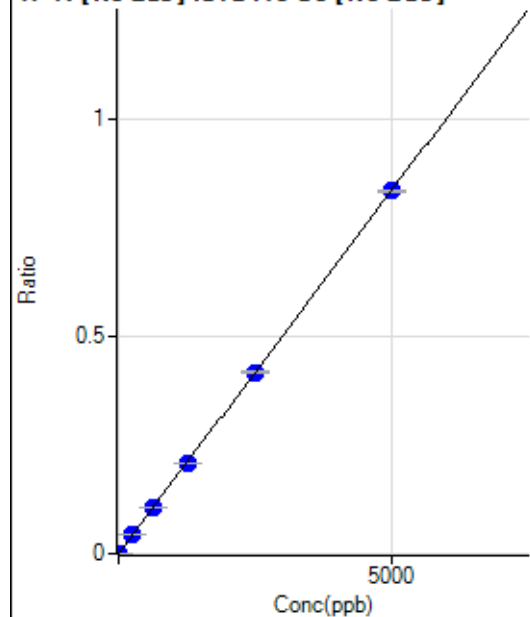
$$DL = 3.268$$

$$BEC = 18.32$$

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	63.89	0.0000	P	7.5
2	☐	5.000	5.294	4987.17	0.0009	P	4.1
3	☐	250.000	257.710	242389.81	0.0432	P	0.7
4	☐	625.000	638.369	582422.00	0.1069	P	0.6
5	☐	1250.000	1248.463	1117712.30	0.2090	P	0.8
6	☐	2500.000	2502.512	2197525.33	0.4189	P	0.1
7	☐	5000.000	4997.071	4429586.12	0.8366	P	0.2
8	☐			2278.06	0.0004	P	6.6

$$y = 1.6741\text{E-}004 * x + 1.1460\text{E-}005$$

$$R = 1.0000$$

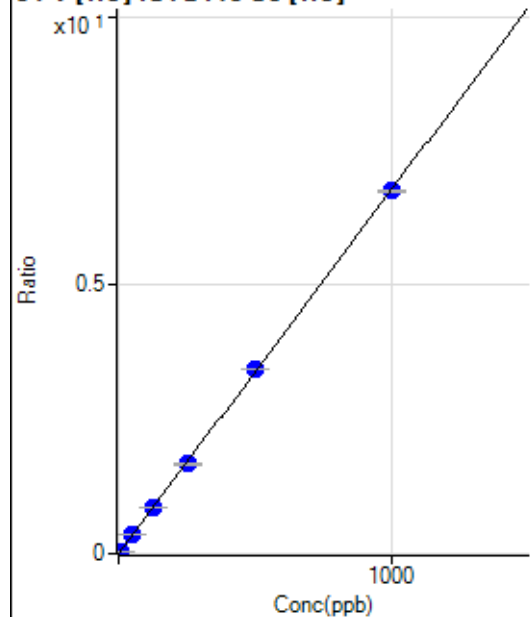
$$DL = 0.01544$$

$$BEC = 0.06845$$

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	0.00	0.0000	P	
2	☐	5.000	5.138	7468.67	0.0348	P	4.6
3	☐	50.000	51.132	73525.39	0.3465	P	0.8
4	☐	125.000	127.455	177080.35	0.8636	P	1.1
5	☐	250.000	247.759	342394.53	1.6787	P	2.1
6	☐	500.000	507.097	674473.67	3.4359	P	0.3
7	☐	1000.000	996.647	1365362.83	6.7528	P	0.3
8	☐			500.02	0.0025	P	1.4

$$y = 0.0068 * x + 0.0000\text{E}+000$$

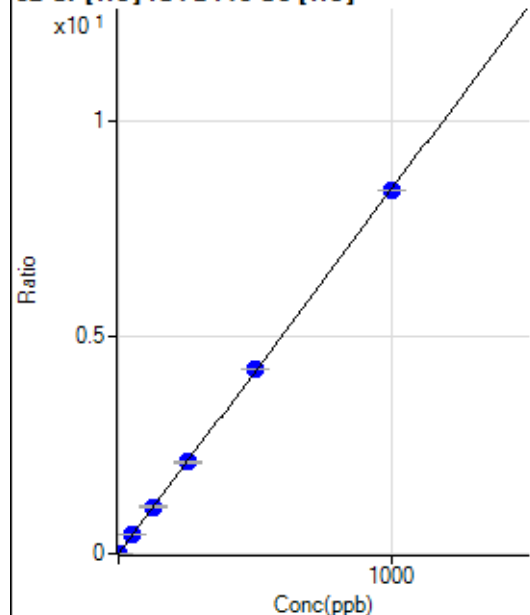
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	283.34	0.0014	P	8.7
2	☐	2.000	1.870	3663.85	0.0171	P	6.9
3	☐	50.000	51.442	92095.25	0.4339	P	1.2
4	☐	125.000	128.950	222637.42	1.0857	P	0.8
5	☐	250.000	250.587	430074.84	2.1086	P	2.2
6	☐	500.000	507.866	838629.68	4.2722	P	0.4
7	☐	1000.000	995.355	1692655.37	8.3716	P	0.1
8	☐			43085.14	0.2125	P	0.9

$$y = 0.0084 * x + 0.0014$$

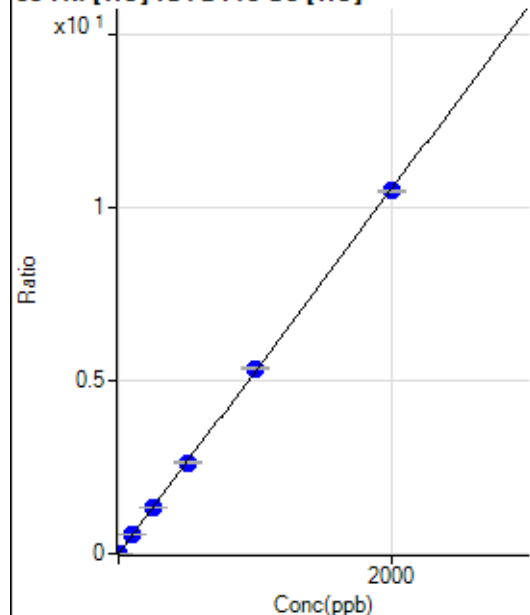
$$R = 0.9999$$

$$DL = 0.0421$$

$$BEC = 0.1613$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0001	P	54.3
2	☐	1.000	0.986	1136.73	0.0053	P	5.9
3	☐	100.000	102.945	115270.52	0.5432	P	1.2
4	☐	250.000	256.804	277809.29	1.3548	P	0.6
5	☐	500.000	500.642	538709.41	2.6411	P	1.7
6	☐	1000.000	1017.650	1053801.46	5.3683	P	0.7
7	☐	2000.000	1990.017	2122536.27	10.4977	P	0.2
8	☐			7224.12	0.0356	P	1.4

$$y = 0.0053 * x + 1.0054E-004$$

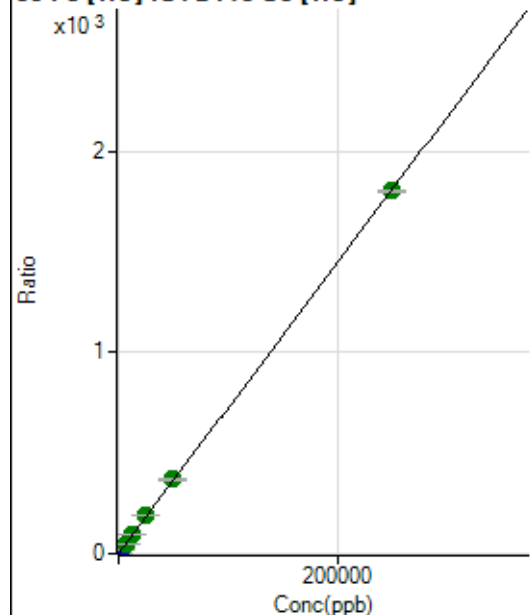
$$R = 0.9999$$

$$DL = 0.03106$$

$$BEC = 0.01906$$

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	2261.35	0.0108	P	0.7
2	☐	50.000	53.597	85468.27	0.3984	P	3.6
3	☐	2500.000	2636.085	4047557.09	19.0720	P	0.6
4	☐	6250.000	6602.041	9791350.45	47.7493	A	0.4
5	☐	12500.000	12877.258	18993649.73	93.1246	A	2.2
6	☐	25000.000	26200.170	37191646.67	189.4608	A	0.4
7	☐	50000.000	50977.040	74530890.56	368.6190	A	0.3
8	☐	250000.00	249655.54	366078871.1	1,805.236	A	0.5

$$y = 0.0072 * x + 0.0108$$

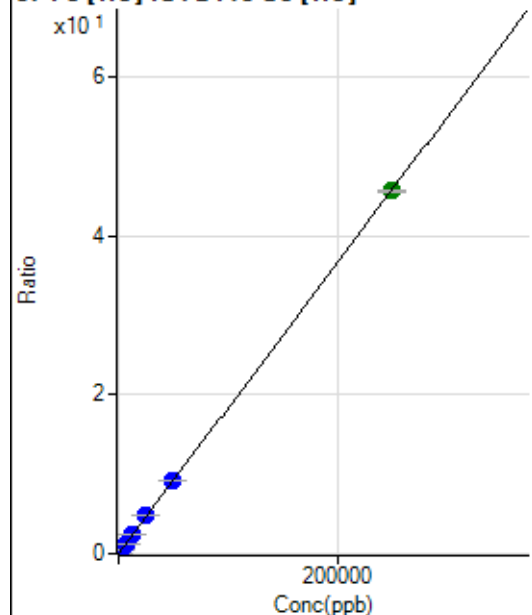
$$R = 1.0000$$

$$DL = 0.03327$$

$$BEC = 1.497$$

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	131.49	0.0006	P	12.1
2	☐	50.000	54.923	2287.27	0.0107	P	1.4
3	☐	2500.000	2638.017	102362.06	0.4823	P	1.3
4	☐	6250.000	6599.212	247221.60	1.2056	P	1.0
5	☐	12500.000	12768.189	475656.54	2.3321	P	2.2
6	☐	25000.000	26108.024	935941.91	4.7679	P	0.6
7	☐	50000.000	50374.155	1859932.23	9.1989	P	0.3
8	☐	250000.00	249790.84	9249663.63	45.6123	A	0.4

$$y = 1.8260E-004 * x + 6.2909E-004$$

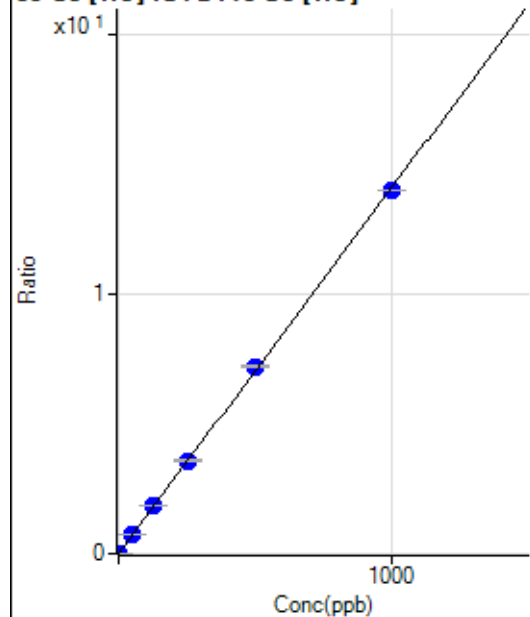
$$R = 1.0000$$

$$DL = 1.254$$

$$BEC = 3.445$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0001	P	23.7
2	☐	1.000	1.003	3060.38	0.0143	P	3.7
3	☐	50.000	52.803	157944.66	0.7442	P	0.7
4	☐	125.000	132.221	382101.57	1.8634	P	0.5
5	☐	250.000	253.319	728159.60	3.5699	P	1.9
6	☐	500.000	512.453	1417594.77	7.2217	P	0.7
7	☐	1000.000	991.901	2826229.82	13.9781	P	0.1
8	☐			34730.14	0.1713	P	2.6

$$y = 0.0141 * x + 1.2736E-004$$

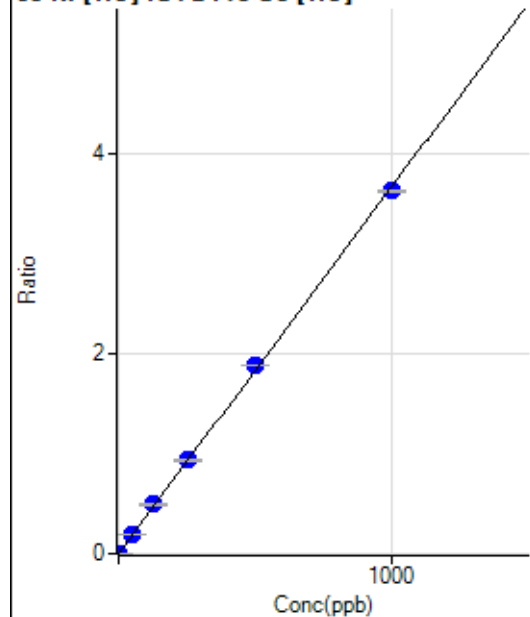
$$R = 0.9999$$

$$DL = 0.006413$$

$$BEC = 0.009038$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.44	0.0003	P	14.7
2	☐	1.000	1.023	858.93	0.0040	P	5.0
3	☐	50.000	54.483	42372.30	0.1997	P	0.7
4	☐	125.000	133.891	100532.57	0.4903	P	1.2
5	☐	250.000	254.915	190332.71	0.9332	P	2.3
6	☐	500.000	515.385	370316.84	1.8865	P	0.5
7	☐	1000.000	989.743	732437.02	3.6225	P	0.2
8	☐			18937.98	0.0934	P	1.8

$$y = 0.0037 * x + 2.6043E-004$$

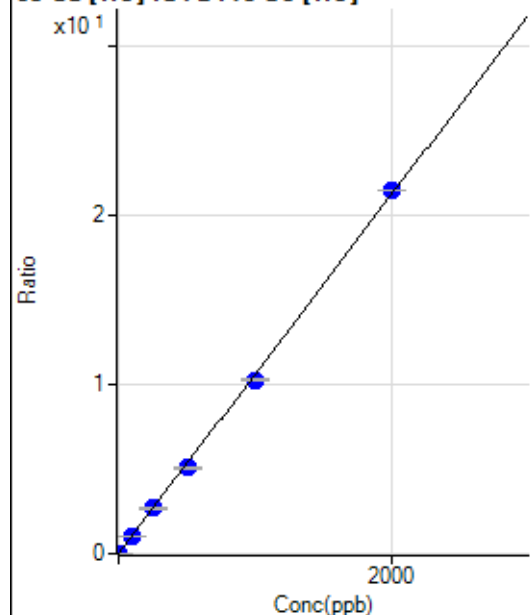
$$R = 0.9998$$

$$DL = 0.03144$$

$$BEC = 0.07116$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.57	0.0023	P	5.2
2	☐	2.000	1.892	4801.98	0.0224	P	2.8
3	☐	100.000	101.284	228882.09	1.0785	P	0.2
4	☐	250.000	252.030	549608.81	2.6803	P	0.6
5	☐	500.000	480.919	1042679.40	5.1124	P	2.5
6	☐	1000.000	967.419	2018296.57	10.2818	P	0.6
7	☐	2000.000	2020.743	4341830.90	21.4740	P	0.1
8	☐			6966.20	0.0344	P	1.7

$$y = 0.0106 * x + 0.0023$$

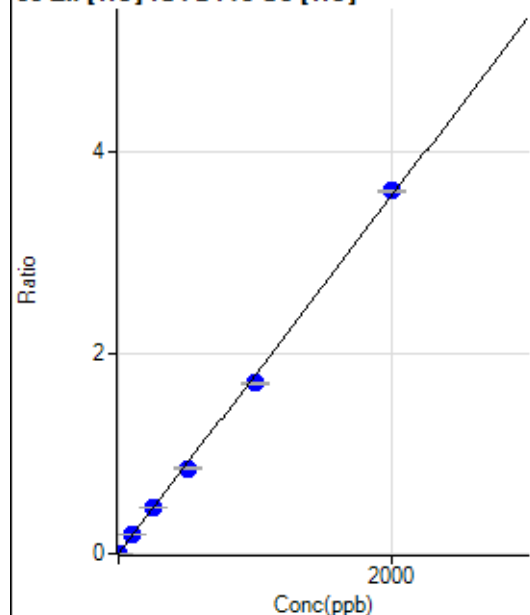
$$R = 0.9997$$

$$DL = 0.0333$$

$$BEC = 0.2141$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	232.23	0.0011	P	11.0
2	☐	2.000	1.934	977.83	0.0046	P	4.5
3	☐	100.000	106.933	40664.43	0.1916	P	0.5
4	☐	250.000	253.288	92755.38	0.4523	P	0.4
5	☐	500.000	474.811	172755.37	0.8470	P	2.0
6	☐	1000.000	952.920	333451.26	1.6987	P	0.7
7	☐	2000.000	2029.080	731092.07	3.6158	P	0.4
8	☐			6627.16	0.0327	P	2.1

$$y = 0.0018 * x + 0.0011$$

$$R = 0.9995$$

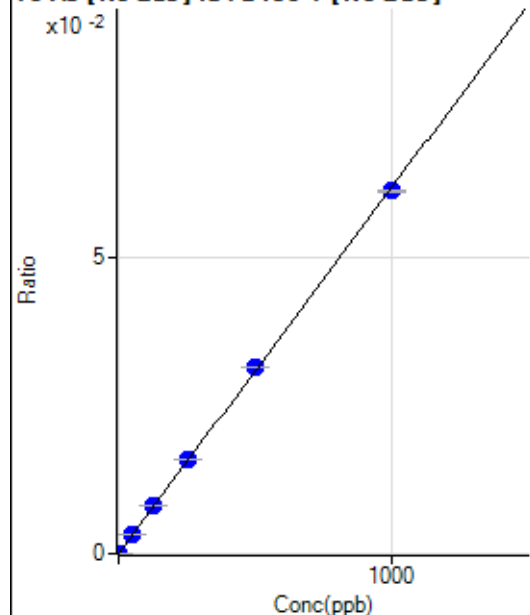
$$DL = 0.207$$

$$BEC = 0.6246$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-292.57	0.0000	P	-13.
2	☐	1.000	0.947	1059.84	0.0000	P	25.3
3	☐	50.000	53.412	76846.72	0.0033	P	3.1
4	☐	125.000	132.388	186395.08	0.0082	P	0.3
5	☐	250.000	255.405	356964.78	0.0157	P	0.3
6	☐	500.000	511.472	704056.28	0.0315	P	0.1
7	☐	1000.000	991.819	1383802.20	0.0612	P	0.6
8	☐			1862.40	0.0001	P	5.1

$$y = 6.1704\text{E-}005 * x - 1.2723\text{E-}005$$

$$R = 0.9999$$

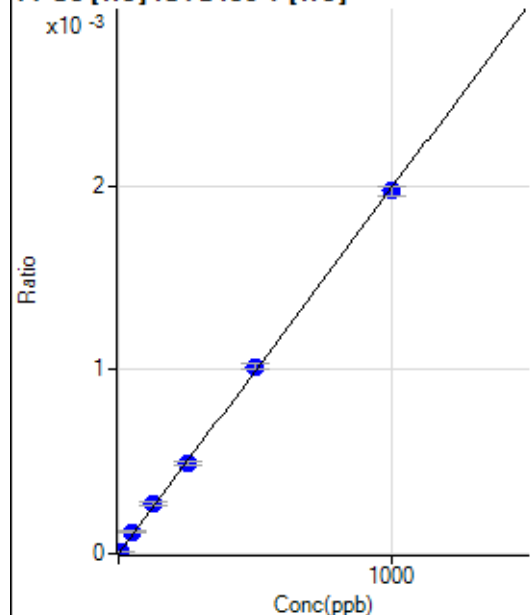
$$DL = 0.08054$$

$$BEC = -0.2062$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.372	33.33	0.0000	P	35.7
3	☐	50.000	58.636	358.90	0.0001	P	7.2
4	☐	125.000	137.159	823.37	0.0003	P	8.4
5	☐	250.000	247.926	1484.54	0.0005	P	5.5
6	☐	500.000	512.377	2965.91	0.0010	P	3.0
7	☐	1000.000	992.377	5839.04	0.0020	P	2.5
8	☐			6.67	0.0000	P	100.

$$y = 1.9882\text{E-}006 * x + 0.0000\text{E+}000$$

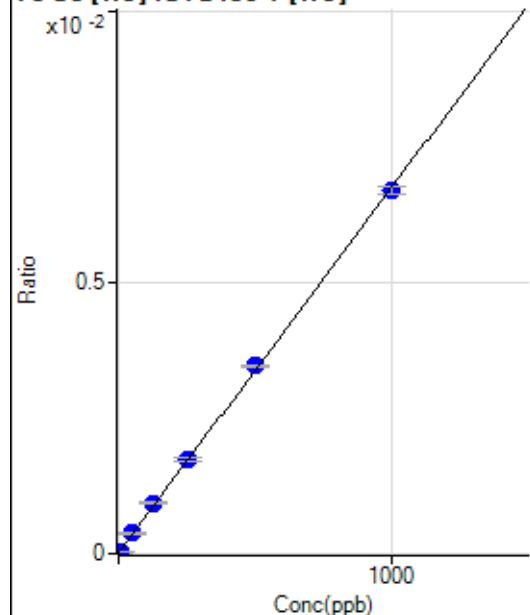
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

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	45.68	0.0000	P	13.6
2	☐	5.000	5.039	152.47	0.0000	P	5.5
3	☐	50.000	53.079	1146.35	0.0004	P	2.0
4	☐	125.000	135.219	2792.89	0.0009	P	3.7
5	☐	250.000	255.393	5223.21	0.0017	P	4.5
6	☐	500.000	511.566	10070.23	0.0035	P	1.9
7	☐	1000.000	991.437	19793.81	0.0067	P	2.1
8	☐			39.50	0.0000	P	17.7

$$y = 6.7315\text{E-}006 * x + 1.5032\text{E-}005$$

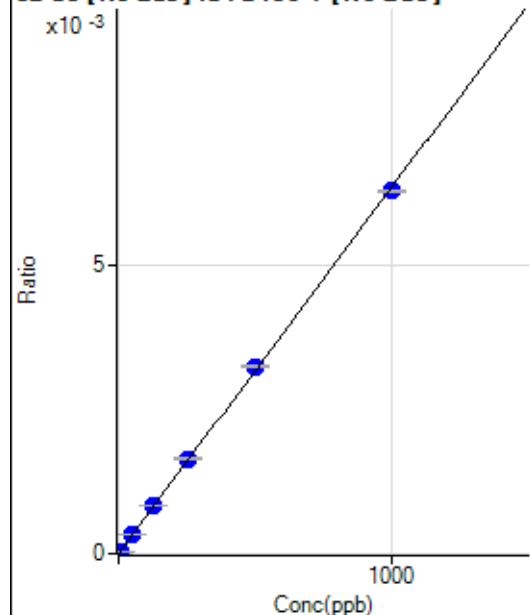
$$R = 0.9998$$

$$DL = 0.9088$$

$$BEC = 2.233$$

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	52.39	0.0000	P	76.0
2	☐	5.000	5.536	869.18	0.0000	P	2.8
3	☐	50.000	53.021	7943.73	0.0003	P	0.4
4	☐	125.000	132.081	19238.15	0.0008	P	0.9
5	☐	250.000	258.744	37332.99	0.0016	P	1.3
6	☐	500.000	511.240	72576.07	0.0033	P	0.8
7	☐	1000.000	991.155	142544.73	0.0063	P	0.7
8	☐			151.94	0.0000	P	16.3

$$y = 6.3567\text{E-}006 * x + 2.2813\text{E-}006$$

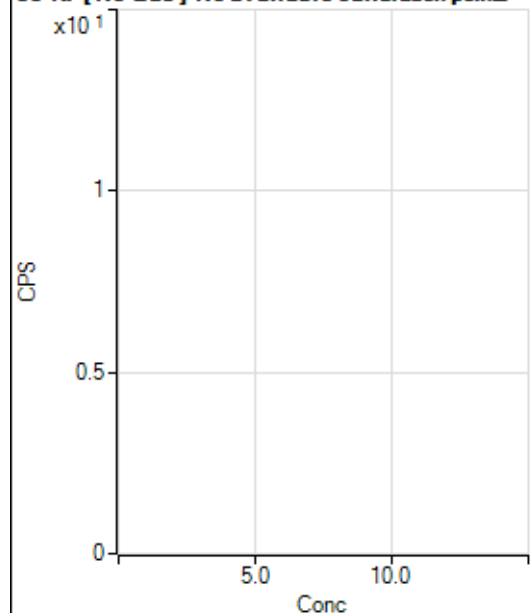
$$R = 0.9999$$

$$DL = 0.818$$

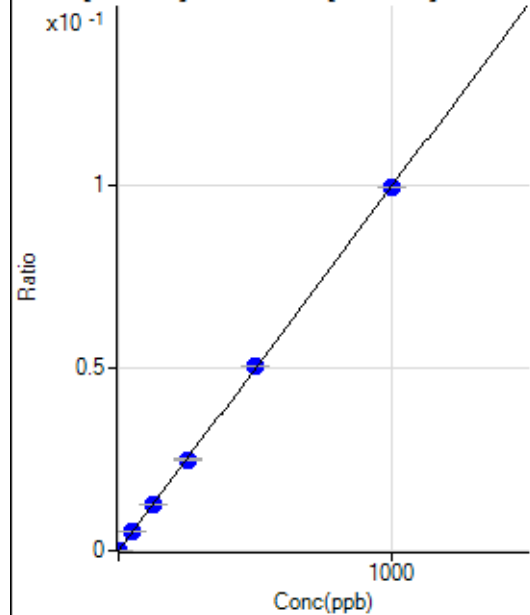
$$BEC = 0.3589$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			190.00		P	19.8
2	☐			155.56		P	6.2
3	☐			224.45		P	9.9
4	☐			163.34		P	23.0
5	☐			194.45		P	7.7
6	☐			203.34		P	17.4
7	☐			213.34		P	19.5
8	☐			248.89		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.35	0.0000	P	17.6
2	☐	1.000	0.974	2592.01	0.0001	P	3.4
3	☐	50.000	51.214	120022.89	0.0051	P	1.5
4	☐	125.000	127.772	291804.66	0.0128	P	0.6
5	☐	250.000	249.674	565233.09	0.0249	P	1.6
6	☐	500.000	506.356	1128388.09	0.0506	P	0.2
7	☐	1000.000	996.496	2250078.13	0.0995	P	0.1
8	☐			10259.64	0.0005	P	1.7

$$y = 9.9823E-005 * x + 1.4496E-005$$

$$R = 1.0000$$

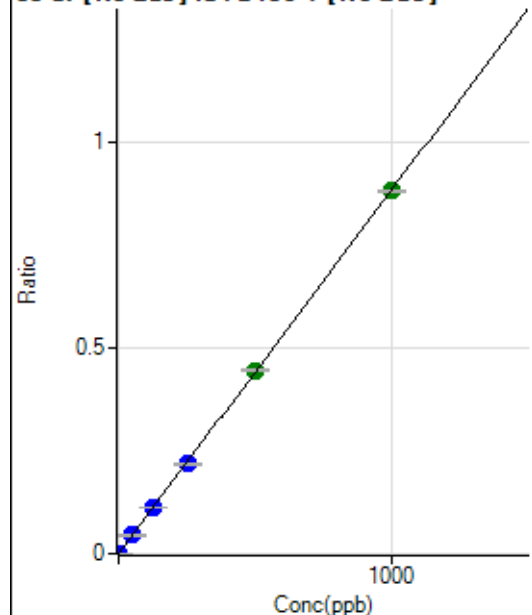
$$DL = 0.07678$$

$$BEC = 0.1452$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	57.2
2	☐	1.000	0.997	20451.41	0.0009	P	2.1
3	☐	50.000	50.293	1038007.73	0.0443	P	0.8
4	☐	125.000	125.738	2533141.31	0.1108	P	0.5
5	☐	250.000	246.866	4933012.70	0.2176	P	1.0
6	☐	500.000	505.161	9938845.19	0.4453	A	0.2
7	☐	1000.000	998.096	19900121.10	0.8799	A	0.7
8	☐			86231.31	0.0038	P	1.4

$$y = 8.8156\text{E-}004 * x + 2.8959\text{E-}006$$

$$R = 1.0000$$

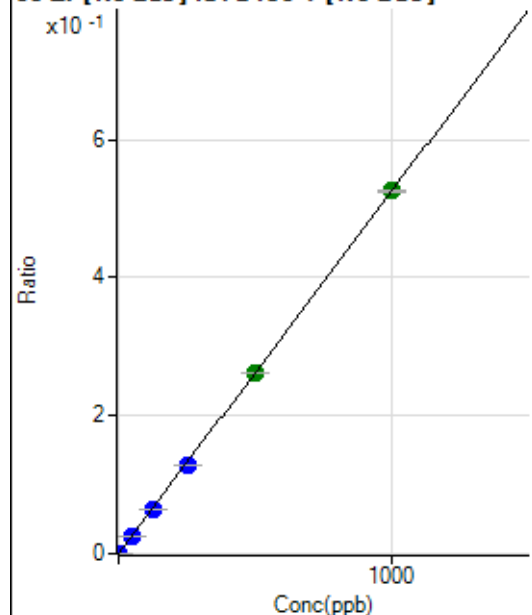
$$DL = 0.005638$$

$$BEC = 0.003285$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	822.28	0.0000	P	3.9
2	☐	1.000	0.856	11246.51	0.0005	P	1.9
3	☐	50.000	49.506	608816.08	0.0260	P	0.5
4	☐	125.000	123.807	1484958.82	0.0650	P	0.4
5	☐	250.000	243.366	2894637.70	0.1277	P	0.9
6	☐	500.000	500.567	5860912.20	0.2626	A	0.4
7	☐	1000.000	1001.549	11883034.04	0.5254	A	0.4
8	☐			6165.50	0.0003	P	4.8

$$y = 5.2457\text{E-}004 * x + 3.5753\text{E-}005$$

$$R = 1.0000$$

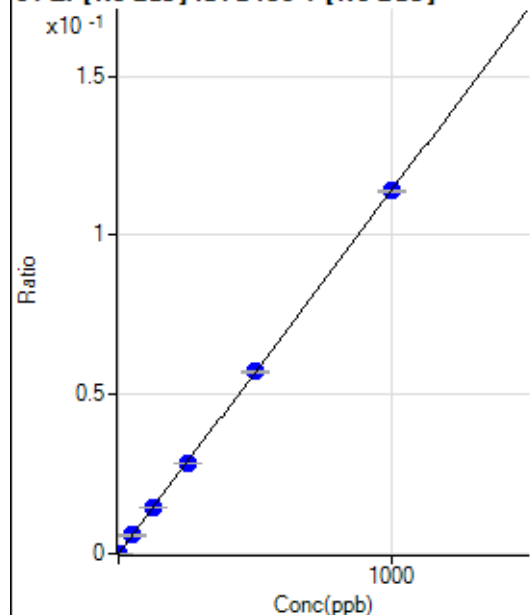
$$DL = 0.00798$$

$$BEC = 0.06816$$

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	177.79	0.0000	P	21.9
2	☐	1.000	0.852	2433.65	0.0001	P	0.7
3	☐	50.000	50.497	134977.68	0.0058	P	1.3
4	☐	125.000	126.724	330419.75	0.0145	P	0.7
5	☐	250.000	249.100	644062.85	0.0284	P	0.3
6	☐	500.000	501.462	1276301.45	0.0572	P	0.5
7	☐	1000.000	999.254	2577149.67	0.1140	P	0.6
8	☐			1450.15	0.0001	P	5.8

$$y = 1.1403\text{E-}004 * x + 7.7264\text{E-}006$$

$$R = 1.0000$$

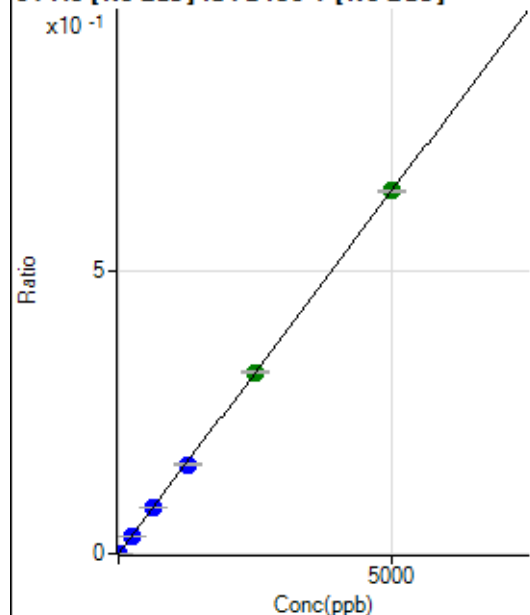
$$DL = 0.04459$$

$$BEC = 0.06776$$

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	327.80	0.0000	P	14.2
2	☐	5.000	4.517	13784.92	0.0006	P	2.1
3	☐	250.000	250.755	754129.93	0.0322	P	0.5
4	☐	625.000	625.916	1836951.56	0.0804	P	0.6
5	☐	1250.000	1226.990	3571596.26	0.1576	P	1.2
6	☐	2500.000	2504.161	7176346.25	0.3216	A	0.5
7	☐	5000.000	5003.520	14530853.45	0.6425	A	0.7
8	☐			13632.10	0.0006	P	4.5

$$y = 1.2840\text{E-}004 * x + 1.4248\text{E-}005$$

$$R = 1.0000$$

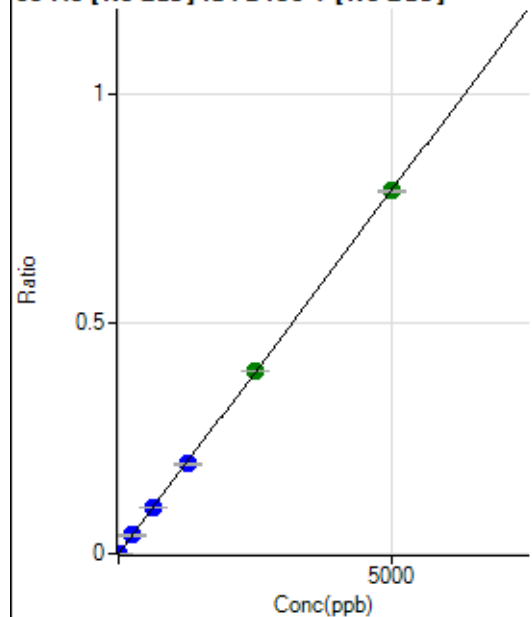
$$DL = 0.04739$$

$$BEC = 0.111$$

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	152.78	0.0000	P	33.4
2	☐	5.000	4.825	17839.52	0.0008	P	0.8
3	☐	250.000	251.963	932306.64	0.0398	P	0.7
4	☐	625.000	629.466	2273324.46	0.0995	P	0.5
5	☐	1250.000	1239.015	4438371.02	0.1958	P	1.3
6	☐	2500.000	2514.430	8867992.39	0.3974	A	0.3
7	☐	5000.000	4994.875	17851824.53	0.7893	A	0.7
8	☐			20070.37	0.0009	P	2.9

$$y = 1.5803\text{E-}004 * x + 6.6439\text{E-}006$$

$$R = 1.0000$$

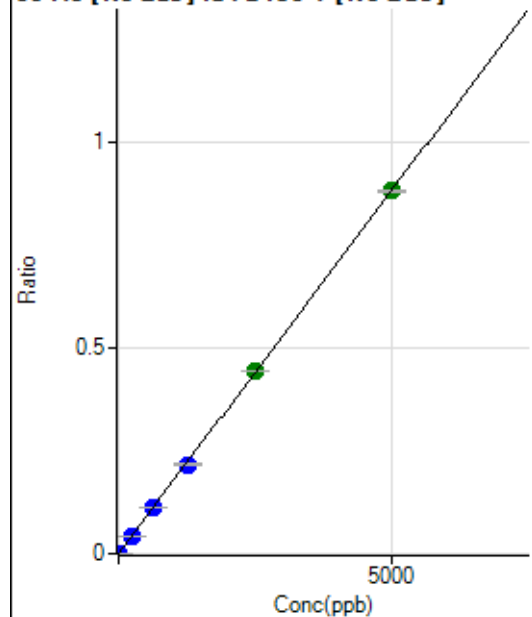
$$DL = 0.04209$$

$$BEC = 0.04204$$

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	197.23	0.0000	P	32.6
2	☐	5.000	4.731	19589.10	0.0008	P	1.4
3	☐	250.000	250.620	1036985.18	0.0443	P	0.4
4	☐	625.000	626.119	2528522.13	0.1106	P	0.5
5	☐	1250.000	1228.389	4920287.18	0.2171	P	1.1
6	☐	2500.000	2515.256	9919359.60	0.4445	A	0.4
7	☐	5000.000	4997.604	19972990.55	0.8831	A	0.5
8	☐			26965.23	0.0012	P	5.0

$$y = 1.7670\text{E-}004 * x + 8.5792\text{E-}006$$

$$R = 1.0000$$

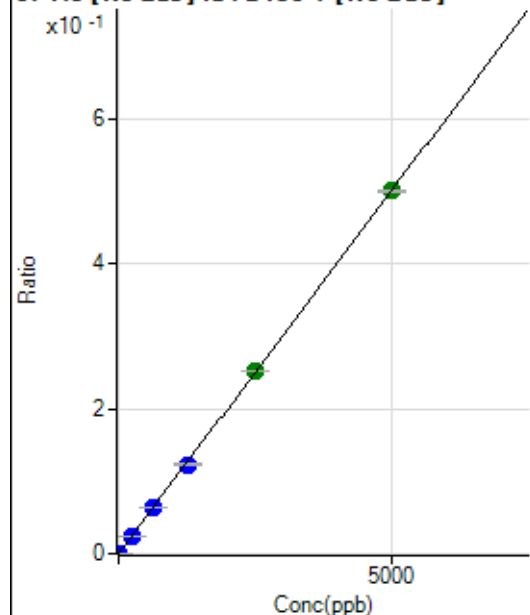
$$DL = 0.04742$$

$$BEC = 0.04855$$

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	72.23	0.0000	P	17.3
2	☐	5.000	4.813	11246.53	0.0005	P	4.5
3	☐	250.000	248.867	583233.38	0.0249	P	0.6
4	☐	625.000	626.301	1432641.32	0.0627	P	0.4
5	☐	1250.000	1224.391	2777840.68	0.1226	P	1.5
6	☐	2500.000	2514.630	5617163.49	0.2517	A	0.5
7	☐	5000.000	4998.981	11316363.02	0.5004	A	0.5
8	☐			11969.35	0.0005	P	5.4

$$y = 1.0009\text{E-}004 * x + 3.1389\text{E-}006$$

$$R = 1.0000$$

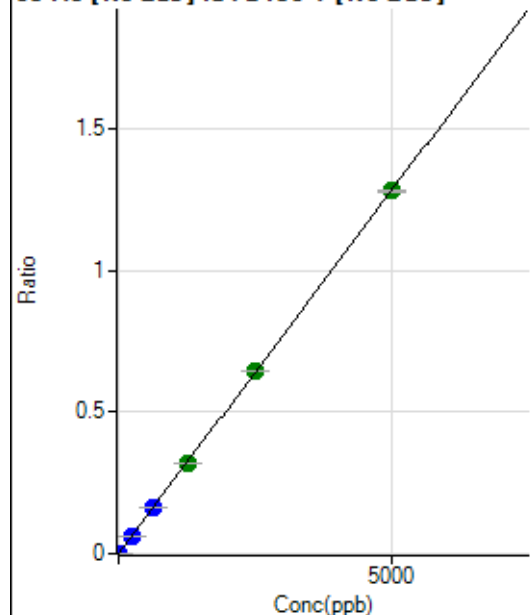
$$DL = 0.01628$$

$$BEC = 0.03136$$

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	219.46	0.0000	P	29.4
2	☐	5.000	4.796	28718.79	0.0012	P	0.9
3	☐	250.000	249.532	1496558.00	0.0639	P	0.6
4	☐	625.000	626.925	3669895.96	0.1606	P	0.5
5	☐	1250.000	1240.672	7203563.70	0.3178	A	1.2
6	☐	2500.000	2509.895	14347969.59	0.6429	A	0.4
7	☐	5000.000	4997.167	28948842.66	1.2800	A	0.8
8	☐			30745.34	0.0014	P	6.0

$$y = 2.5614\text{E-}004 * x + 9.5391\text{E-}006$$

$$R = 1.0000$$

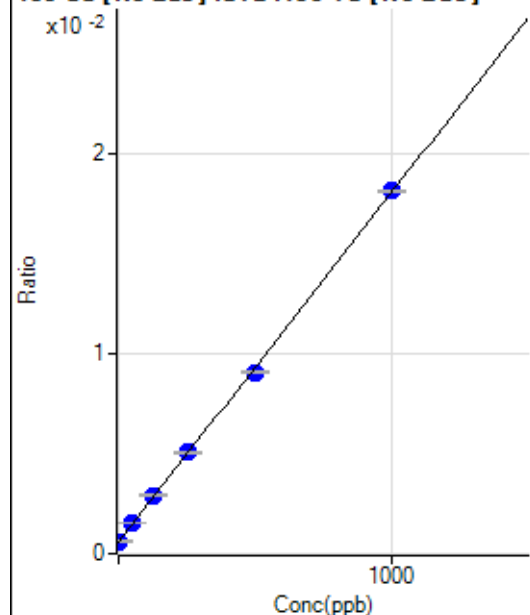
$$DL = 0.03287$$

$$BEC = 0.03724$$

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	7307.77	0.0006	P	5.6
2	☐	1.000	1.862	7644.03	0.0006	P	4.0
3	☐	50.000	53.034	18982.93	0.0015	P	3.2
4	☐	125.000	133.482	36213.97	0.0029	P	1.8
5	☐	250.000	255.769	63758.22	0.0051	P	2.1
6	☐	500.000	485.768	115170.22	0.0091	P	0.4
7	☐	1000.000	1004.461	234351.74	0.0181	P	0.7
8	☐			7880.33	0.0006	P	3.9

$$y = 1.7464\text{E-}005 * x + 5.9008\text{E-}004$$

$$R = 0.9998$$

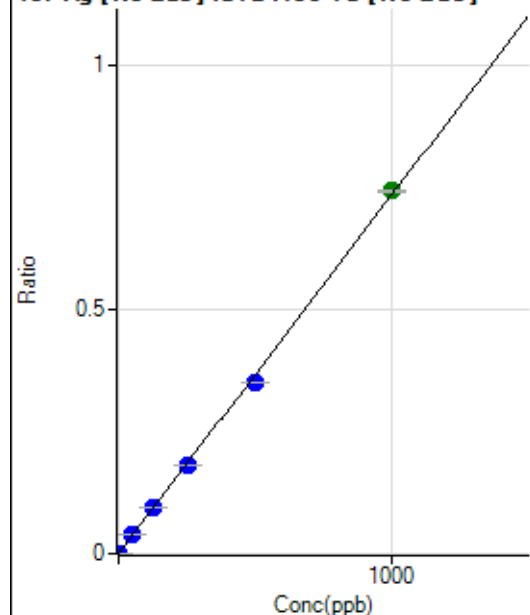
$$DL = 5.687$$

$$BEC = 33.79$$

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	188.90	0.0000	P	12.7
2	☐	1.000	1.022	9381.33	0.0008	P	1.1
3	☐	50.000	53.065	487238.20	0.0389	P	1.1
4	☐	125.000	130.121	1182749.97	0.0954	P	0.7
5	☐	250.000	247.027	2283619.21	0.1811	P	0.8
6	☐	500.000	475.779	4427270.11	0.3488	P	0.4
7	☐	1000.000	1012.060	9589033.38	0.7419	A	0.3
8	☐			2419.75	0.0002	P	13.5

$$y = 7.3307\text{E-}004 * x + 1.5253\text{E-}005$$

$$R = 0.9995$$

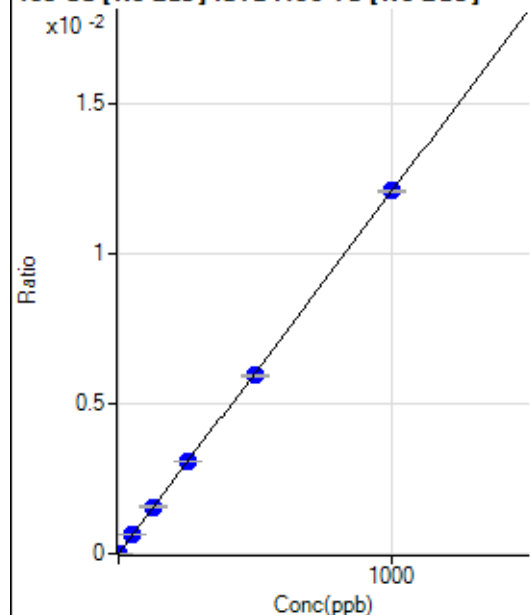
$$DL = 0.007922$$

$$BEC = 0.02081$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.06	0.0000	P	66.6
2	☐	1.000	1.099	180.56	0.0000	P	17.9
3	☐	50.000	53.939	8156.64	0.0007	P	1.4
4	☐	125.000	129.530	19367.68	0.0016	P	1.4
5	☐	250.000	254.096	38630.55	0.0031	P	0.5
6	☐	500.000	492.282	75309.91	0.0059	P	0.7
7	☐	1000.000	1002.072	156075.10	0.0121	P	0.9
8	☐			76.39	0.0000	P	14.1

$$y = 1.2050\text{E-}005 * x + 1.4583\text{E-}006$$

$$R = 0.9999$$

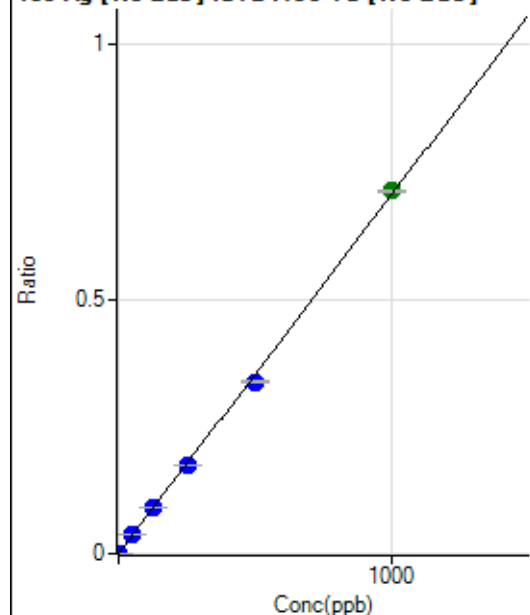
$$DL = 0.2419$$

$$BEC = 0.121$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	18.5
2	☐	1.000	1.031	9022.66	0.0007	P	1.2
3	☐	50.000	53.011	468162.08	0.0374	P	0.7
4	☐	125.000	129.874	1135618.67	0.0916	P	0.3
5	☐	250.000	247.842	2204052.02	0.1748	P	0.8
6	☐	500.000	478.155	4280296.67	0.3372	P	0.6
7	☐	1000.000	1010.702	9212156.11	0.7128	A	0.8
8	☐			2125.26	0.0002	P	9.0

$$y = 7.0523\text{E-}004 * x + 7.6275\text{E-}006$$

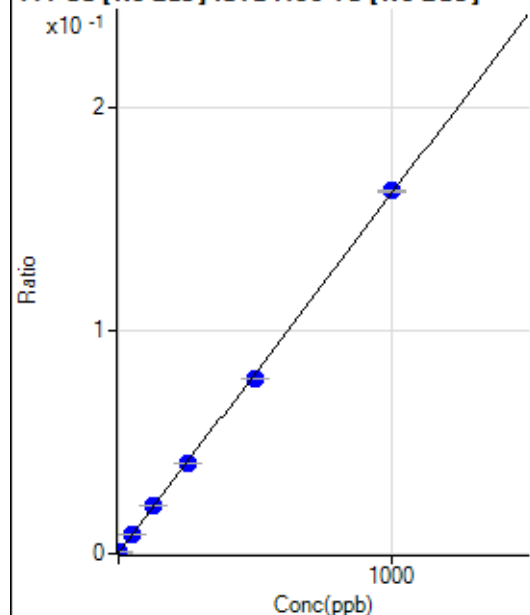
$$R = 0.9996$$

$$DL = 0.005992$$

$$BEC = 0.01082$$

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	5125.02	0.0004	P	5.8
2	☐	1.000	1.067	7192.67	0.0006	P	3.2
3	☐	50.000	52.492	111180.74	0.0089	P	1.5
4	☐	125.000	129.973	265025.58	0.0214	P	1.1
5	☐	250.000	249.099	511800.33	0.0406	P	1.7
6	☐	500.000	483.508	995138.32	0.0784	P	0.2
7	☐	1000.000	1007.725	2106075.61	0.1630	P	0.6
8	☐			6187.79	0.0005	P	4.6

$$y = 1.6130E-004 * x + 4.1383E-004$$

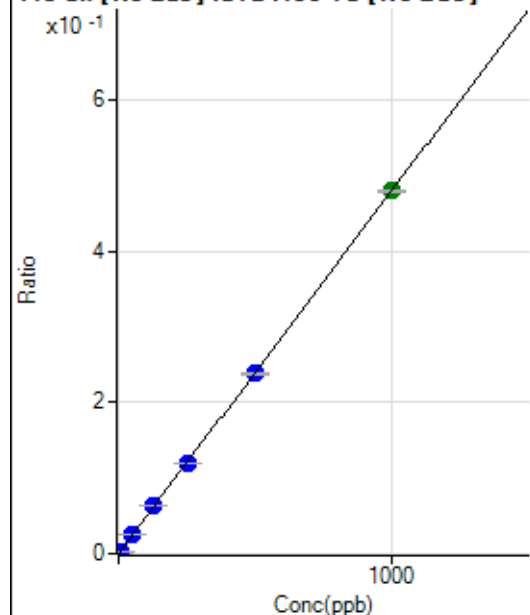
$$R = 0.9998$$

$$DL = 0.4465$$

$$BEC = 2.566$$

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	813.95	0.0001	P	12.3
2	☐	5.000	5.321	32129.61	0.0026	P	2.4
3	☐	50.000	52.630	316749.20	0.0253	P	0.6
4	☐	125.000	130.434	776114.28	0.0626	P	0.4
5	☐	250.000	250.637	1516066.27	0.1202	P	0.8
6	☐	500.000	497.012	3025501.63	0.2384	P	0.9
7	☐	1000.000	1000.522	6200605.65	0.4798	A	0.3
8	☐			5145.64	0.0004	P	2.4

$$y = 4.7945E-004 * x + 6.5725E-005$$

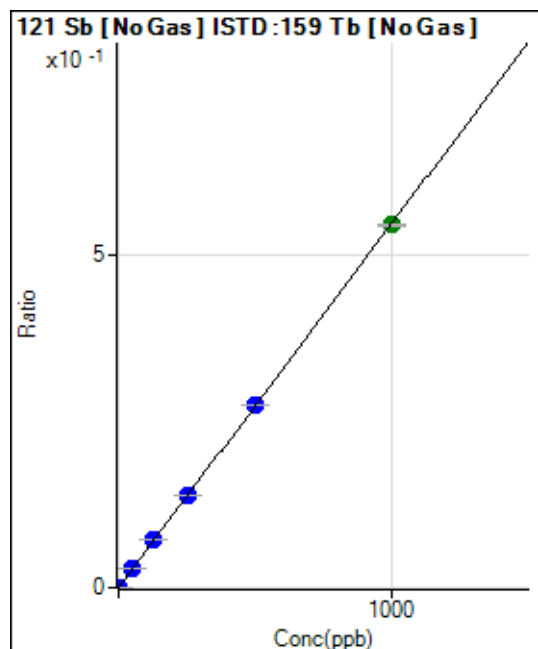
$$R = 1.0000$$

$$DL = 0.05062$$

$$BEC = 0.1371$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0000	P	22.9
2	☐	2.000	1.962	13393.05	0.0011	P	5.6
3	☐	50.000	52.568	360338.31	0.0288	P	0.8
4	☐	125.000	131.331	891113.43	0.0719	P	0.6
5	☐	250.000	254.717	1757618.25	0.1394	P	0.9
6	☐	500.000	501.462	3483000.12	0.2744	P	0.5
7	☐	1000.000	997.170	7052032.28	0.5456	A	0.2
8	☐			13156.68	0.0010	P	2.0

$$y = 5.4717\text{E-}004 * x + 1.7051\text{E-}005$$

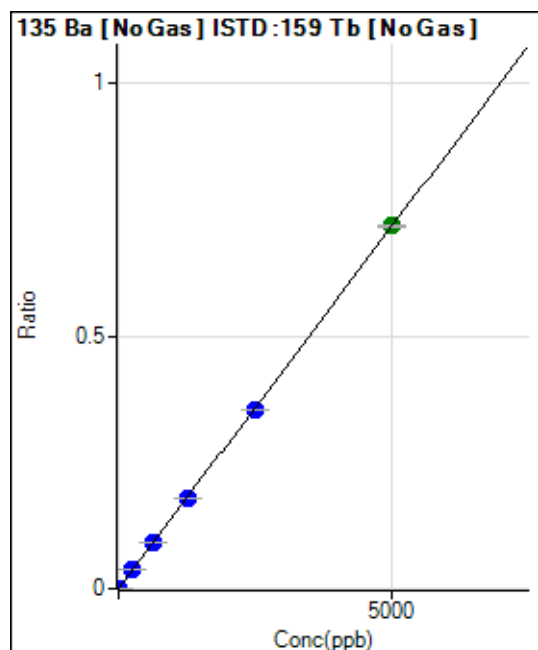
$$R = 1.0000$$

$$DL = 0.02143$$

$$BEC = 0.03116$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.7
2	☐	10.000	10.298	18109.72	0.0015	P	0.7
3	☐	250.000	258.593	463393.12	0.0370	P	1.2
4	☐	625.000	642.579	1140246.43	0.0920	P	0.1
5	☐	1250.000	1248.112	2252497.27	0.1786	P	1.3
6	☐	2500.000	2469.489	4486392.20	0.3535	P	0.6
7	☐	5000.000	5013.100	9273479.46	0.7175	A	0.4
8	☐			3142.15	0.0002	P	11.1

$$y = 1.4313\text{E-}004 * x + 1.1217\text{E-}006$$

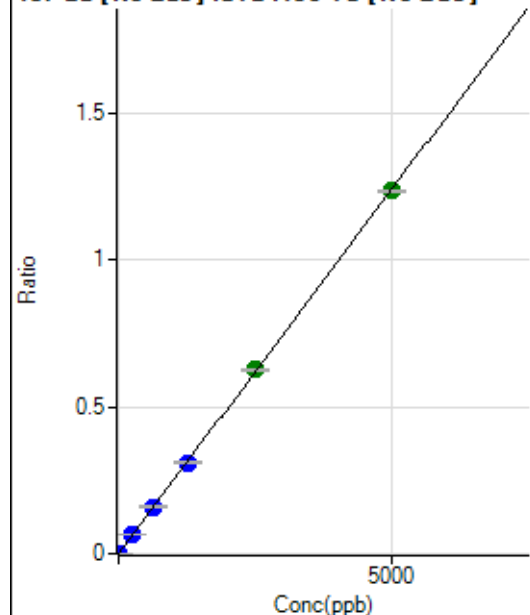
$$R = 1.0000$$

$$DL = 0.008157$$

$$BEC = 0.007837$$

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	38.89	0.0000	P	44.5
2	☐	10.000	10.241	31155.45	0.0025	P	2.0
3	☐	250.000	260.426	806961.31	0.0645	P	1.1
4	☐	625.000	645.953	1981945.85	0.1599	P	0.6
5	☐	1250.000	1252.683	3909009.16	0.3100	P	1.5
6	☐	2500.000	2526.012	7934952.52	0.6252	A	0.5
7	☐	5000.000	4983.182	15939314.77	1.2333	A	0.3
8	☐			5467.98	0.0004	P	7.4

$$y = 2.4748E-004 * x + 3.1393E-006$$

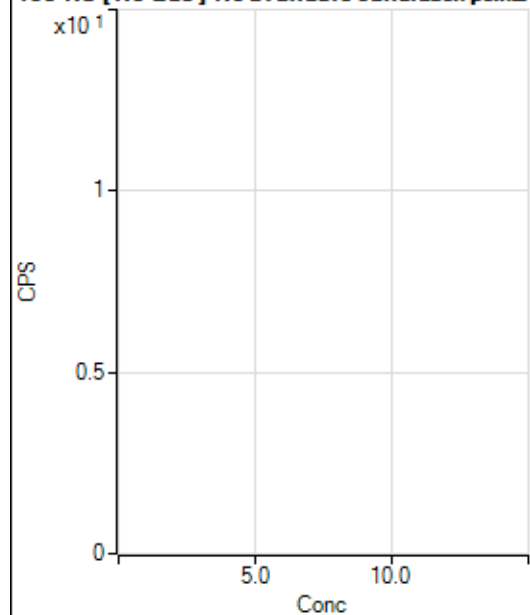
$$R = 1.0000$$

$$DL = 0.01694$$

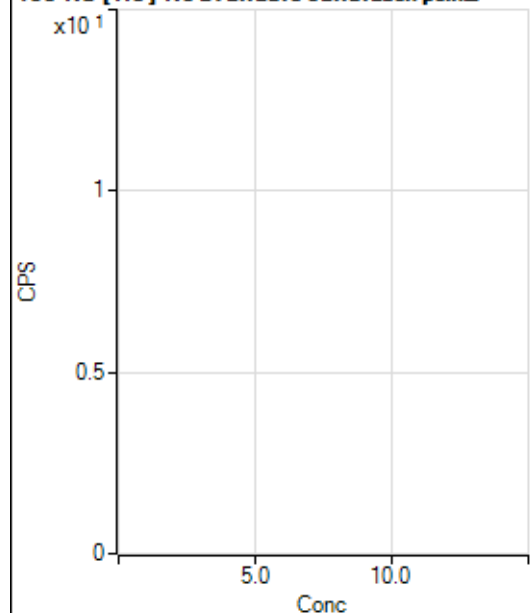
$$BEC = 0.01268$$

Weight: <None>

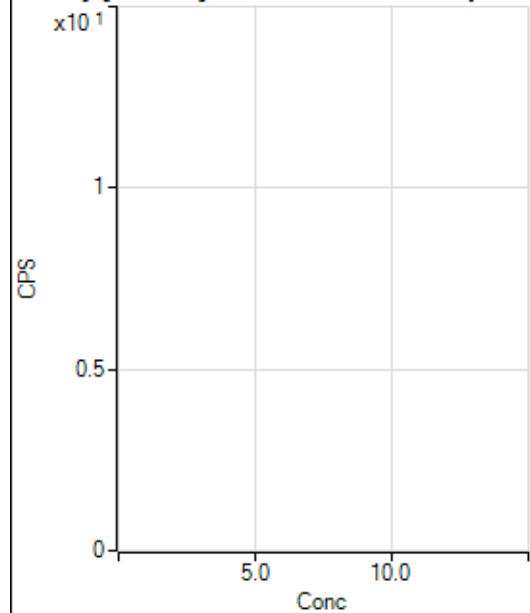
Min Conc: 0

150 Nd [No Gas] No available calibration points

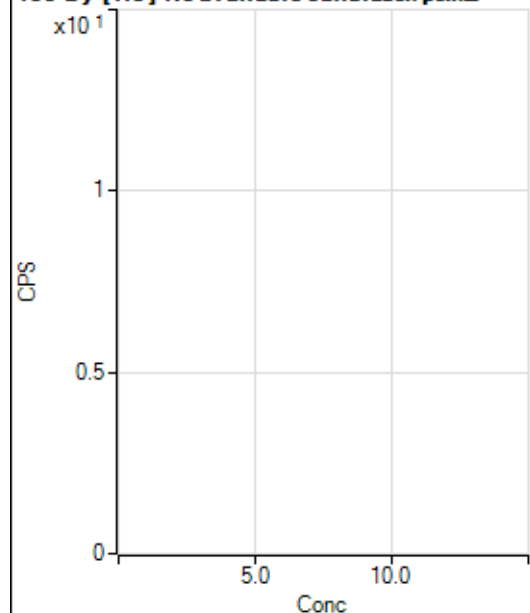
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	0.0
2	☐			11.11		P	69.3
3	☐			40.00		P	16.7
4	☐			77.78		P	17.8
5	☐			188.89		P	12.4
6	☐			360.02		P	13.4
7	☐			686.71		P	4.2
8	☐			75.56		P	10.2

150 Nd [He] No available calibration points

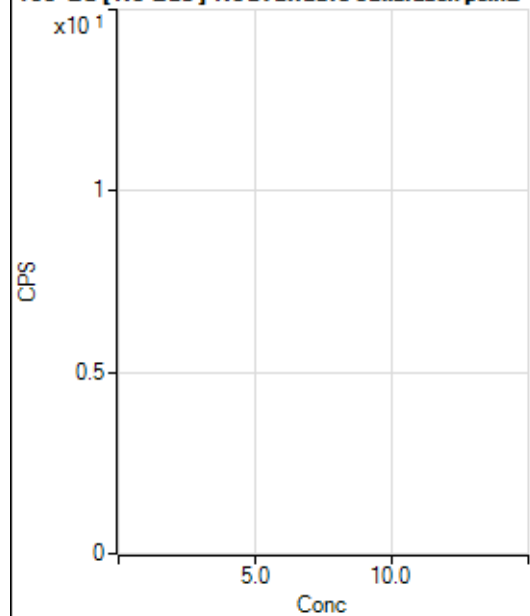
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐			13.33		P	66.2
3	☐			6.67		P	50.0
4	☐			30.00		P	19.2
5	☐			27.78		P	13.9
6	☐			54.44		P	30.2
7	☐			82.23		P	18.3
8	☐			56.67		P	38.6

156 Dy [No Gas] No available calibration points

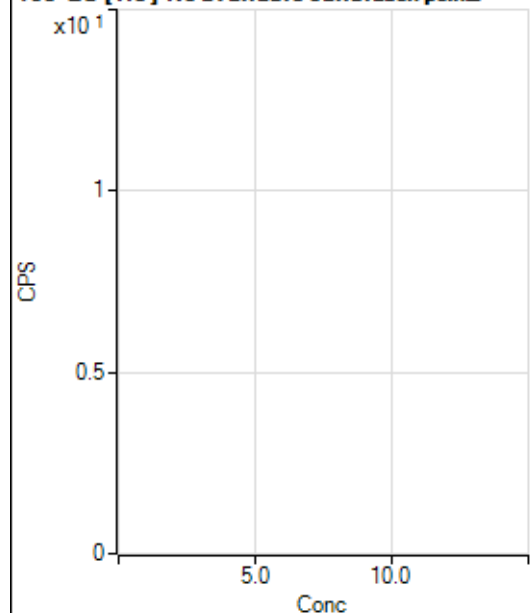
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	86.6
2	☐			19.45		P	24.7
3	☐			16.67		P	86.6
4	☐			44.44		P	21.7
5	☐			55.56		P	22.9
6	☐			91.67		P	56.8
7	☐			125.01		P	13.3
8	☐			55.56		P	31.2

156 Dy [He] No available calibration points

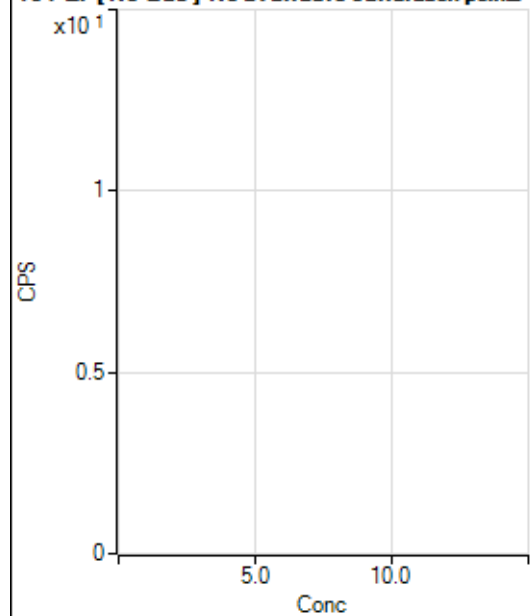
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	37.5
2	☐			36.66		P	15.7
3	☐			31.11		P	32.7
4	☐			48.89		P	25.8
5	☐			67.78		P	12.4
6	☐			115.56		P	19.2
7	☐			203.34		P	24.1
8	☐			40.00		P	0.0

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

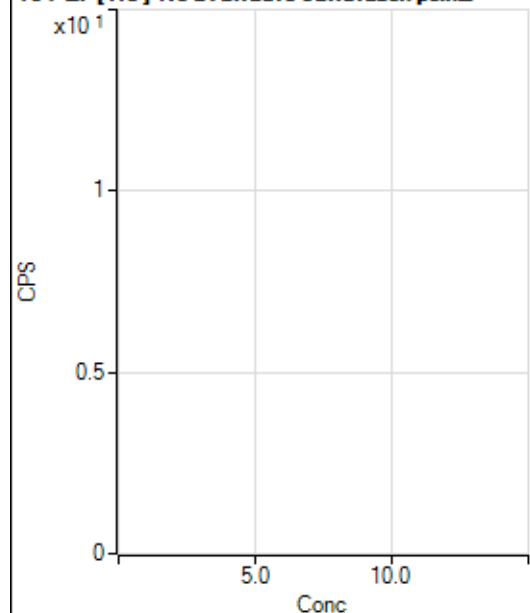
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	13.3
2	☐			83.34		P	26.5
3	☐			77.78		P	34.4
4	☐			75.00		P	40.1
5	☐			80.56		P	23.9
6	☐			77.78		P	55.0
7	☐			77.78		P	27.0
8	☐			55.56		P	31.2

160 Gd [He] No available calibration points

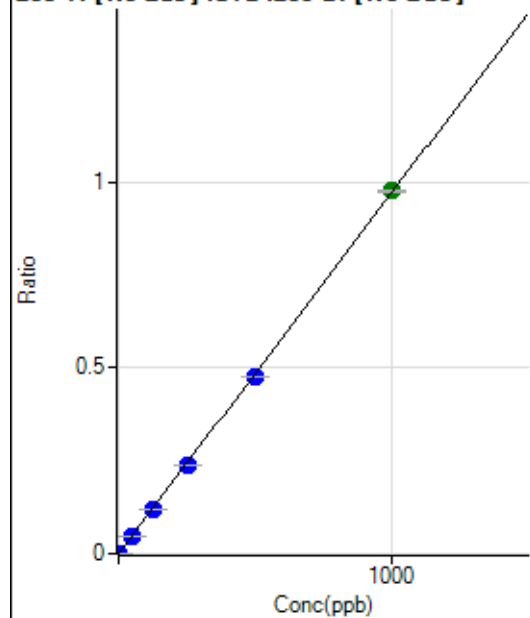
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			240.01		P	10.5
2	☐			221.12		P	11.3
3	☐			252.23		P	19.3
4	☐			222.23		P	15.4
5	☐			205.56		P	14.5
6	☐			232.23		P	9.3
7	☐			230.01		P	5.0
8	☐			218.90		P	3.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.23		P	40.5
2	☐			75.00		P	44.4
3	☐			77.78		P	27.0
4	☐			63.89		P	19.9
5	☐			52.78		P	45.6
6	☐			91.67		P	31.5
7	☐			105.56		P	4.6
8	☐			75.00		P	29.4

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			63.34		P	19.0
2	☐			80.00		P	4.2
3	☐			60.00		P	28.9
4	☐			62.22		P	13.5
5	☐			63.33		P	10.5
6	☐			83.34		P	16.0
7	☐			70.00		P	4.8
8	☐			75.56		P	2.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	627.83	0.0001	P	12.2
2	☐	1.000	0.962	7869.35	0.0010	P	7.9
3	☐	50.000	49.209	376296.10	0.0478	P	0.4
4	☐	125.000	123.130	935480.84	0.1196	P	0.6
5	☐	250.000	245.635	1896023.41	0.2385	P	0.5
6	☐	500.000	489.621	3778011.98	0.4753	P	0.5
7	☐	1000.000	1006.554	7761961.37	0.9770	A	0.6
8	☐			3922.97	0.0005	P	6.8

$$y = 9.7051\text{E-}004 * x + 7.9514\text{E-}005$$

$$R = 0.9999$$

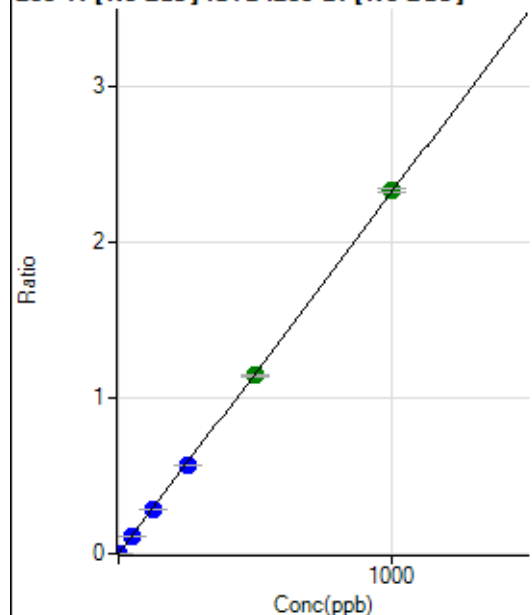
$$DL = 0.02998$$

$$BEC = 0.08193$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	841.73	0.0001	P	3.9
2	☐	1.000	0.971	18313.33	0.0024	P	3.0
3	☐	50.000	49.065	895239.16	0.1138	P	0.6
4	☐	125.000	122.595	2223399.51	0.2842	P	0.3
5	☐	250.000	243.740	4491763.17	0.5649	P	0.1
6	☐	500.000	493.858	9098445.78	1.1446	A	0.6
7	☐	1000.000	1004.984	18503929.76	2.3290	A	1.0
8	☐			8428.05	0.0012	P	9.2

$$y = 0.0023 * x + 1.0657E-004$$

$$R = 0.9999$$

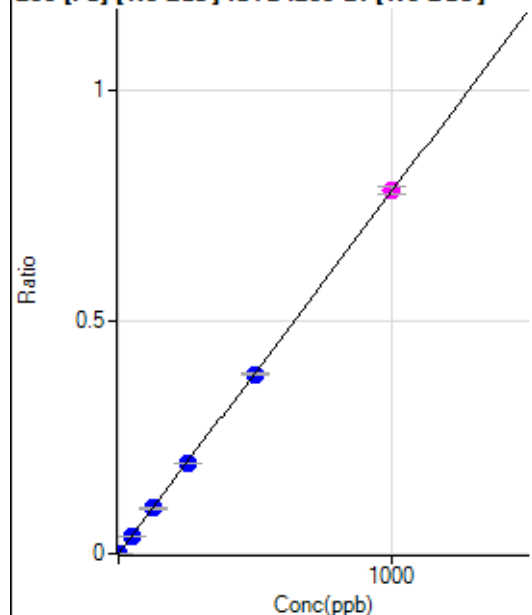
$$DL = 0.005393$$

$$BEC = 0.04599$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	863.02	0.0001	P	10.6
2	☐	1.000	0.936	6516.61	0.0008	P	1.2
3	☐	50.000	49.691	305556.08	0.0388	P	0.6
4	☐	125.000	125.005	763169.53	0.0976	P	0.5
5	☐	250.000	247.831	1536863.30	0.1933	P	0.1
6	☐	500.000	496.407	3076908.69	0.3871	P	0.2
7	☐	1000.000	1002.354	6208236.65	0.7815	M	2.1
8	☐			4795.46	0.0007	P	7.5

$$y = 7.7951E-004 * x + 1.0926E-004$$

$$R = 1.0000$$

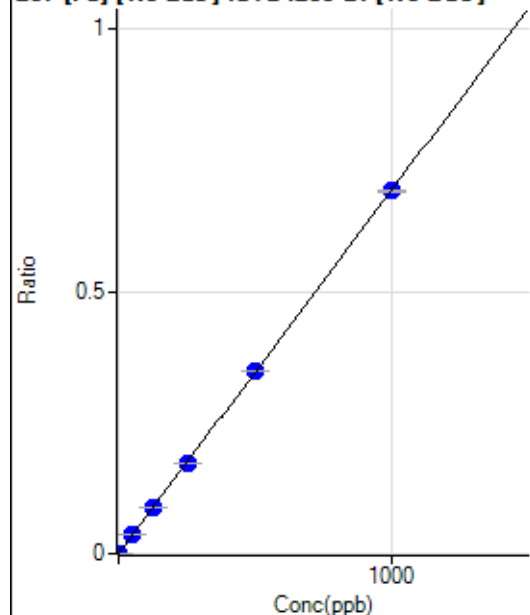
$$DL = 0.04453$$

$$BEC = 0.1402$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	829.68	0.0001	P	10.7
2	☐	1.000	0.938	5864.42	0.0008	P	2.8
3	☐	50.000	50.359	275424.57	0.0350	P	0.4
4	☐	125.000	126.137	684861.06	0.0875	P	0.0
5	☐	250.000	250.286	1380268.01	0.1736	P	0.2
6	☐	500.000	502.759	2771274.98	0.3486	P	0.1
7	☐	1000.000	998.389	5499358.86	0.6922	P	0.8
8	☐			4428.65	0.0006	P	6.2

$$y = 6.9319\text{E-}004 * x + 1.0507\text{E-}004$$

$$R = 1.0000$$

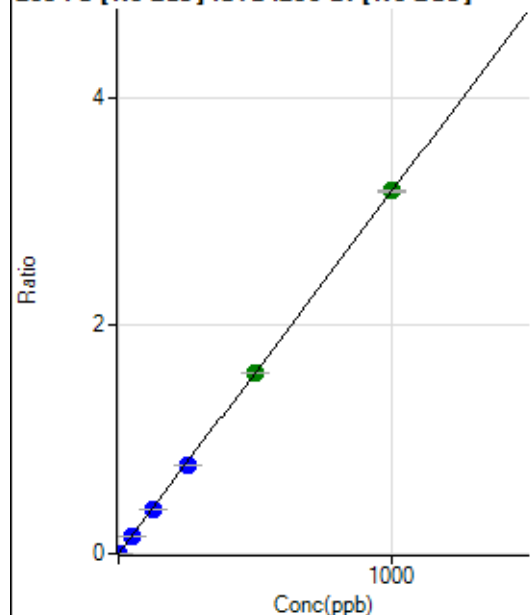
$$DL = 0.04882$$

$$BEC = 0.1516$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2922.43	0.0004	P	2.3
2	☐	1.000	0.941	26069.91	0.0034	P	0.6
3	☐	50.000	49.522	1239049.92	0.1575	P	0.2
4	☐	125.000	123.628	3071916.11	0.3927	P	0.5
5	☐	250.000	245.403	6194358.35	0.7791	P	0.2
6	☐	500.000	498.758	12584300.14	1.5830	A	0.2
7	☐	1000.000	1001.966	25263431.35	3.1798	A	0.9
8	☐			19155.90	0.0027	P	4.2

$$y = 0.0032 * x + 3.7004\text{E-}004$$

$$R = 1.0000$$

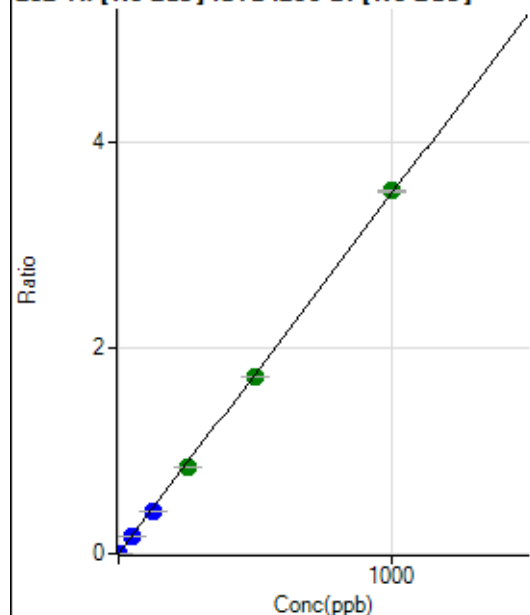
$$DL = 0.00819$$

$$BEC = 0.1166$$

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	2531.79	0.0003	P	6.6
2	☐	1.000	0.813	24558.62	0.0032	P	1.6
3	☐	50.000	46.575	1282319.93	0.1630	P	0.2
4	☐	125.000	118.403	3238219.46	0.4139	P	0.1
5	☐	250.000	239.295	6648548.07	0.8362	A	0.6
6	☐	500.000	490.457	13621699.49	1.7136	A	0.4
7	☐	1000.000	1008.444	27990108.50	3.5230	A	0.6
8	☐			14030.14	0.0020	P	8.4

$$y = 0.0035 * x + 3.2052E-004$$

$$R = 0.9999$$

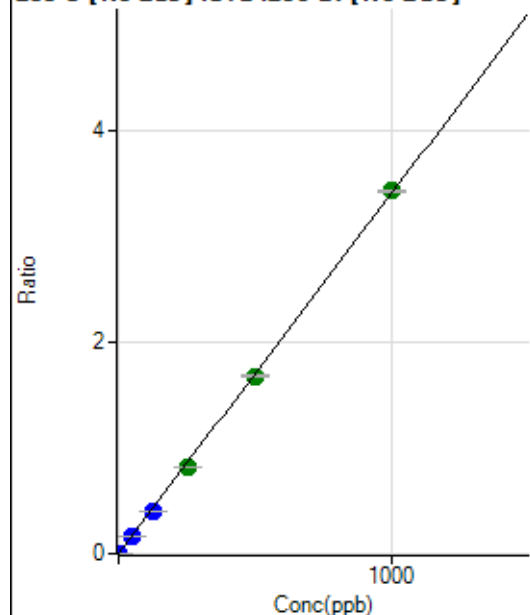
$$DL = 0.01816$$

$$BEC = 0.09176$$

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	3133.87	0.0004	P	7.2
2	☐	1.000	0.887	26561.30	0.0034	P	1.6
3	☐	50.000	47.041	1263624.83	0.1606	P	0.8
4	☐	125.000	119.249	3181023.03	0.4066	P	0.5
5	☐	250.000	241.142	6534277.14	0.8218	A	0.2
6	☐	500.000	492.340	13335021.48	1.6775	A	1.0
7	☐	1000.000	1006.912	27255016.93	3.4304	A	0.6
8	☐			10471.37	0.0015	P	6.4

$$y = 0.0034 * x + 3.9673E-004$$

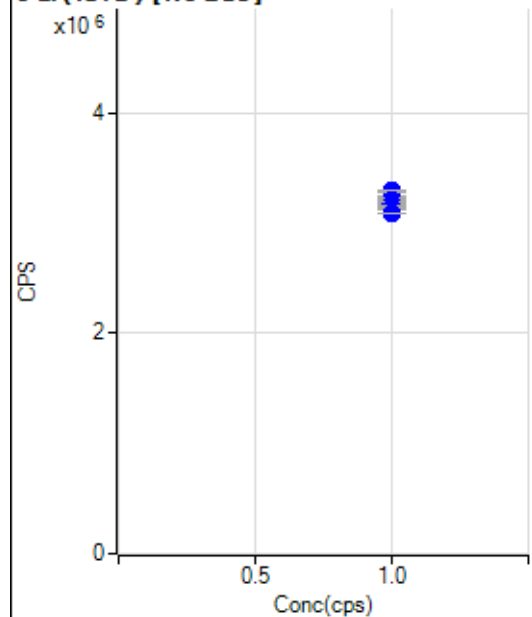
$$R = 0.9999$$

$$DL = 0.0253$$

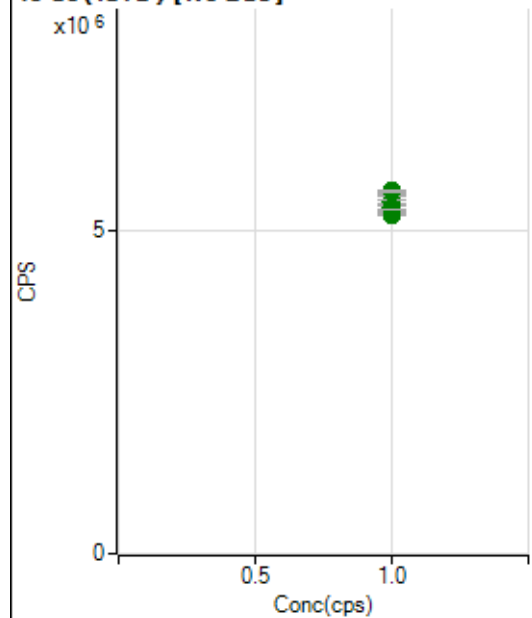
$$BEC = 0.1165$$

Weight: <None>

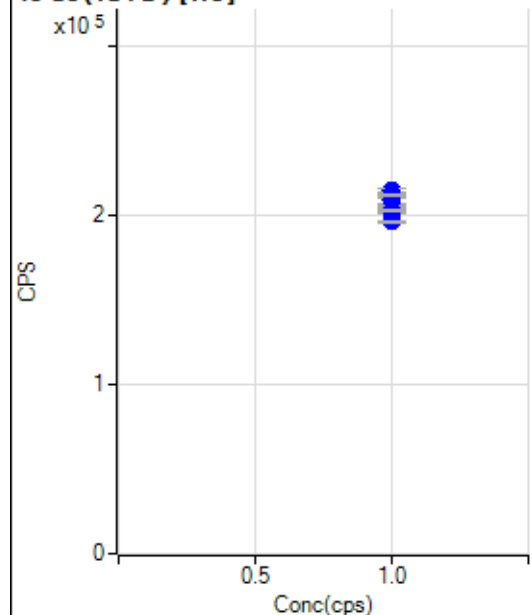
Min Conc: 0

6 Li (ISTD) [No Gas]

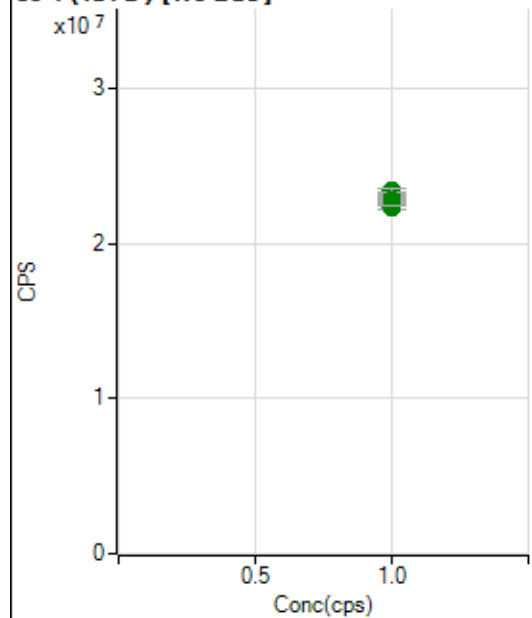
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3171990.62		P	0.3
2	☐	1.000		3240366.69		P	0.1
3	☐	1.000		3288373.35		P	0.5
4	☐	1.000		3215361.04		P	0.5
5	☐	1.000		3164975.29		P	1.3
6	☐	1.000		3122559.26		P	0.5
7	☐	1.000		3143960.03		P	0.2
8	☐	1.000		3088241.34		P	0.2

45 Sc (ISTD) [No Gas]

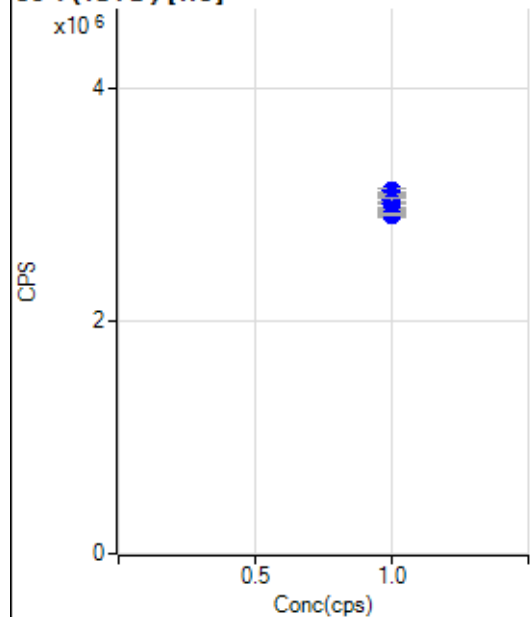
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5575509.80		A	0.1
2	☐	1.000		5555919.44		A	0.7
3	☐	1.000		5617038.54		A	0.7
4	☐	1.000		5449533.28		A	0.8
5	☐	1.000		5347997.95		A	1.5
6	☐	1.000		5245335.23		A	0.7
7	☐	1.000		5295066.66		A	0.3
8	☐	1.000		5328038.92		A	0.3

45 Sc (ISTD) [He]

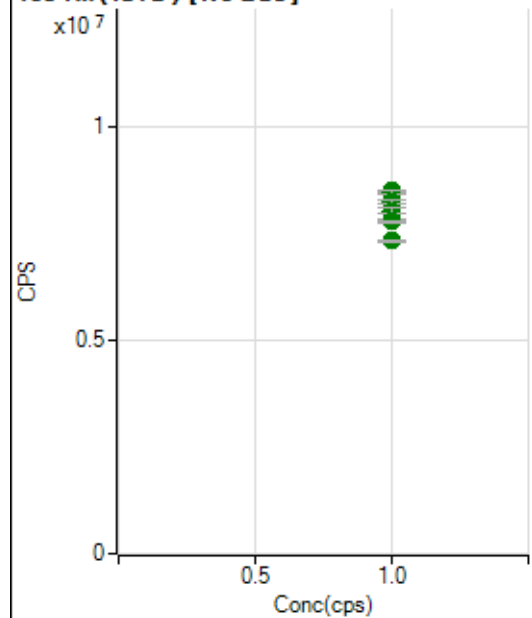
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		208904.87		P	1.5
2	☐	1.000		214600.69		P	1.1
3	☐	1.000		212225.50		P	0.1
4	☐	1.000		205058.81		P	0.4
5	☐	1.000		204027.18		P	2.2
6	☐	1.000		196306.10		P	0.9
7	☐	1.000		202190.08		P	0.2
8	☐	1.000		202788.37		P	0.4

89 Y (ISTD) [No Gas]

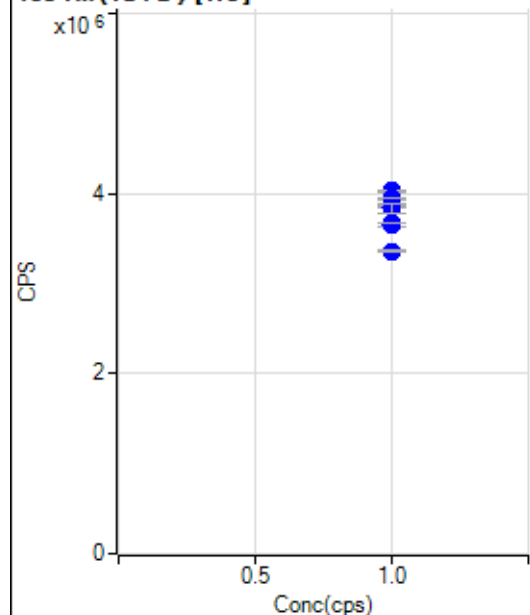
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23001317.44		A	0.3
2	☐	1.000		23195665.77		A	0.2
3	☐	1.000		23411700.21		A	0.9
4	☐	1.000		22852998.55		A	1.1
5	☐	1.000		22669003.27		A	1.4
6	☐	1.000		22317889.11		A	0.8
7	☐	1.000		22616742.72		A	0.5
8	☐	1.000		22484798.83		A	0.3

89 Y (ISTD) [He]

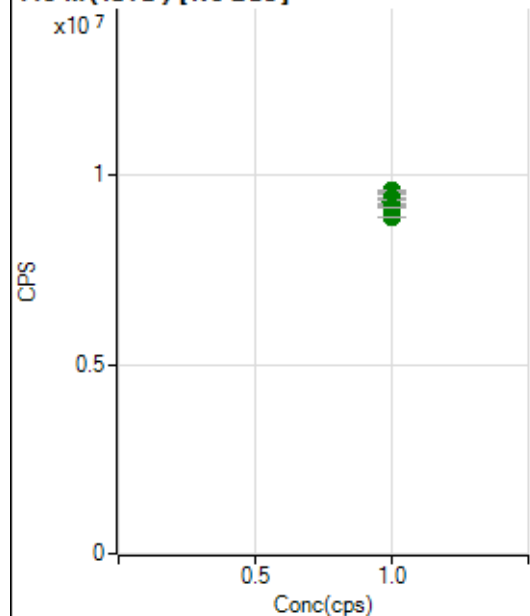
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3036911.00		P	0.7
2	☐	1.000		3116045.30		P	1.0
3	☐	1.000		3078982.66		P	0.4
4	☐	1.000		3018112.04		P	0.7
5	☐	1.000		3013418.25		P	2.7
6	☐	1.000		2912148.15		P	1.4
7	☐	1.000		2959221.03		P	0.3
8	☐	1.000		2915004.86		P	0.4

103 Rh (ISTD) [No Gas]

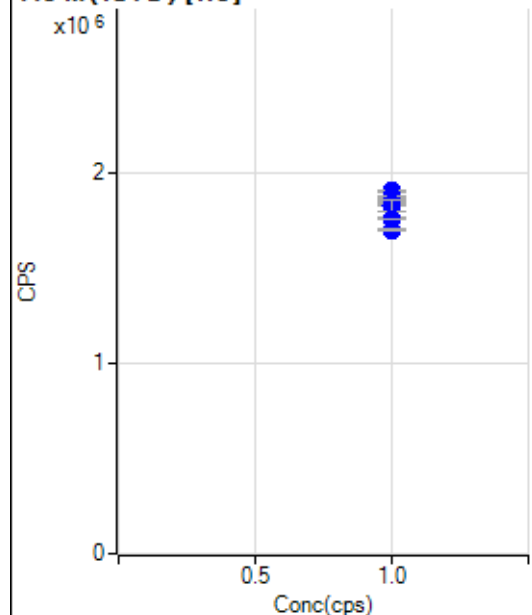
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8496149.49		A	0.2
2	☐	1.000		8423021.63		A	0.3
3	☐	1.000		8455594.37		A	0.9
4	☐	1.000		8237847.41		A	0.6
5	☐	1.000		8033205.13		A	1.4
6	☐	1.000		7811494.62		A	0.8
7	☐	1.000		7785831.43		A	0.5
8	☐	1.000		7318303.46		A	0.0

103 Rh (ISTD) [He]

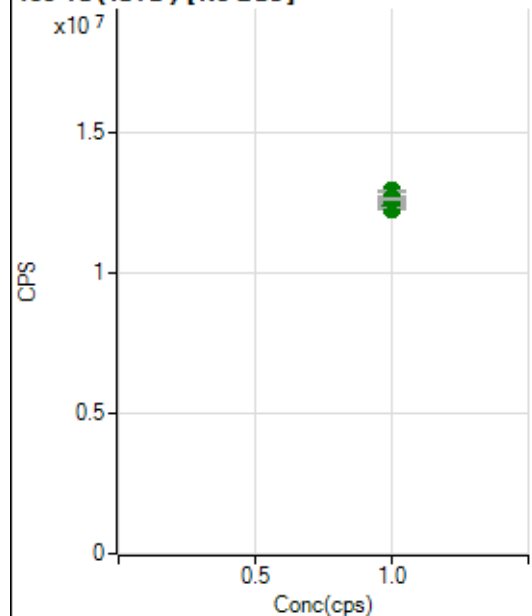
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3936366.02		P	0.8
2	☐	1.000		4025773.41		P	0.7
3	☐	1.000		3944558.80		P	0.3
4	☐	1.000		3845750.88		P	0.5
5	☐	1.000		3830593.94		P	2.5
6	☐	1.000		3657511.34		P	1.2
7	☐	1.000		3662147.86		P	0.0
8	☐	1.000		3358727.24		P	0.4

115 In (ISTD) [No Gas]

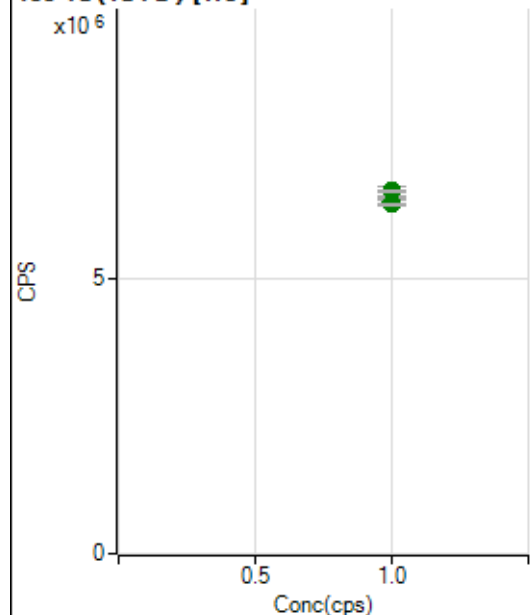
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9552391.49		A	0.2
2	☐	1.000		9514222.73		A	0.3
3	☐	1.000		9591575.52		A	0.8
4	☐	1.000		9383474.82		A	0.4
5	☐	1.000		9296552.08		A	1.1
6	☐	1.000		9174258.29		A	0.5
7	☐	1.000		9158481.14		A	0.2
8	☐	1.000		8888288.46		A	0.2

115 In (ISTD) [He]

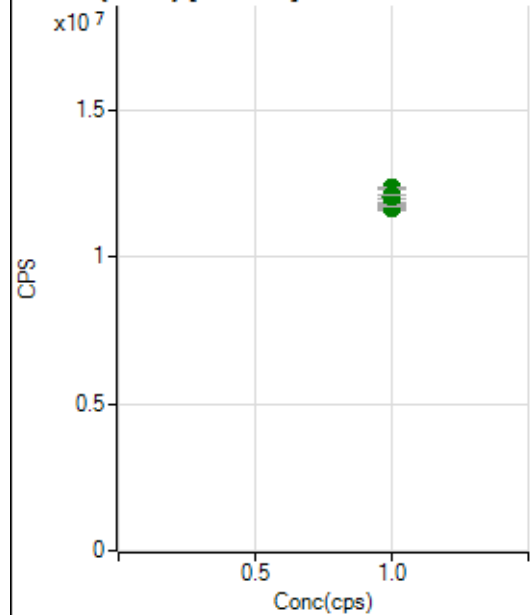
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1852832.22		P	1.3
2	☐	1.000		1901590.70		P	0.8
3	☐	1.000		1873674.92		P	0.3
4	☐	1.000		1831219.91		P	0.3
5	☐	1.000		1825491.34		P	3.1
6	☐	1.000		1757139.28		P	0.9
7	☐	1.000		1754436.21		P	0.3
8	☐	1.000		1698219.36		P	0.6

159 Tb (ISTD) [No Gas]

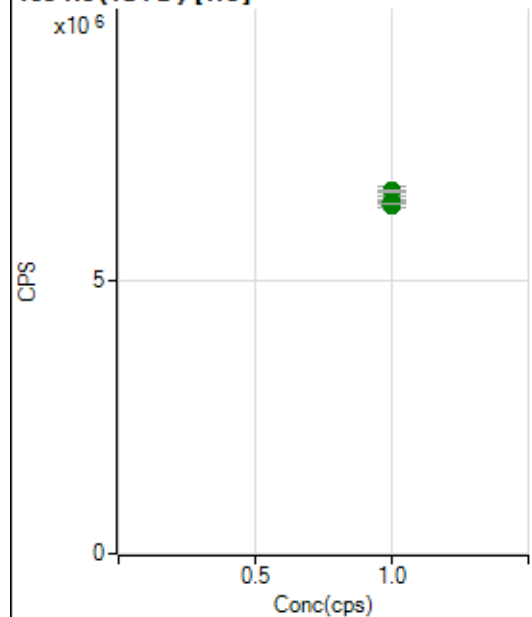
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12384408.15		A	0.1
2	☐	1.000		12277566.90		A	0.3
3	☐	1.000		12520803.70		A	1.1
4	☐	1.000		12397825.65		A	0.8
5	☐	1.000		12610438.70		A	1.6
6	☐	1.000		12692915.09		A	0.3
7	☐	1.000		12924393.56		A	0.5
8	☐	1.000		12659135.37		A	0.4

159 Tb (ISTD) [He]

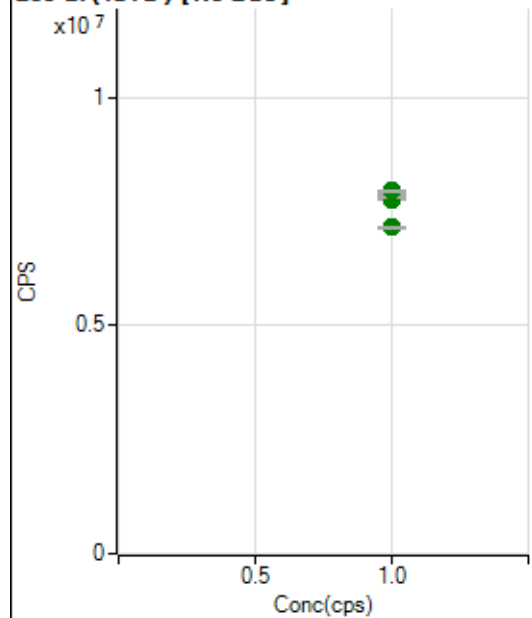
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6443695.60		A	0.9
2	☐	1.000		6471546.22		A	0.8
3	☐	1.000		6467555.53		A	0.3
4	☐	1.000		6438888.59		A	0.5
5	☐	1.000		6594659.42		A	2.5
6	☐	1.000		6412259.63		A	1.2
7	☐	1.000		6592531.29		A	0.2
8	☐	1.000		6347897.13		A	0.4

165 Ho (ISTD) [No Gas]

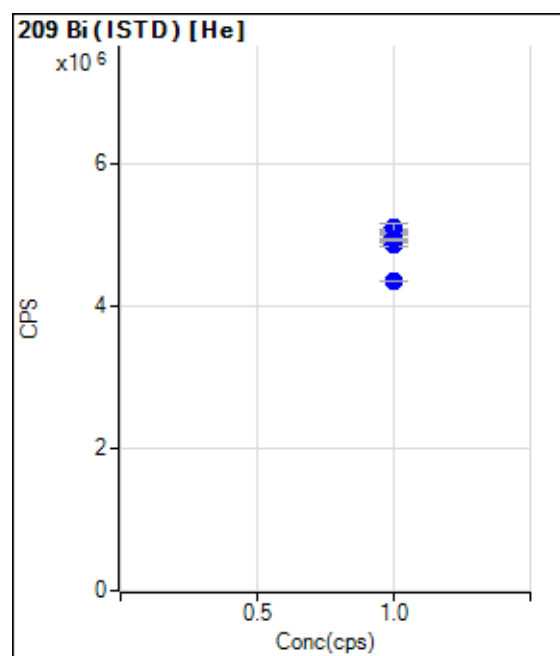
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11655975.00		A	0.1
2	☐	1.000		11631188.28		A	0.5
3	☐	1.000		11826059.90		A	0.5
4	☐	1.000		11724310.59		A	0.4
5	☐	1.000		12033691.93		A	1.0
6	☐	1.000		12032706.78		A	0.7
7	☐	1.000		12344088.39		A	0.4
8	☐	1.000		12094305.91		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6398318.72		A	1.2
2	☐	1.000		6465757.96		A	0.8
3	☐	1.000		6466315.18		A	0.3
4	☐	1.000		6455348.79		A	0.3
5	☐	1.000		6635803.30		A	2.5
6	☐	1.000		6455930.32		A	1.3
7	☐	1.000		6651005.94		A	0.5
8	☐	1.000		6413051.85		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7897934.19		A	0.3
2	☐	1.000		7767415.99		A	0.4
3	☐	1.000		7866193.91		A	0.1
4	☐	1.000		7823229.82		A	0.3
5	☐	1.000		7950754.33		A	0.6
6	☐	1.000		7949398.42		A	0.7
7	☐	1.000		7945186.48		A	0.7
8	☐	1.000		7154862.46		A	0.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4967860.97		P	0.9
2	☐	1.000		5055098.50		P	1.1
3	☐	1.000		5045170.51		P	0.2
4	☐	1.000		5003775.24		P	0.8
5	☐	1.000		5094950.90		P	2.7
6	☐	1.000		4865511.25		P	1.0
7	☐	1.000		4928866.49		P	0.4
8	☐	1.000		4346541.57		P	0.2