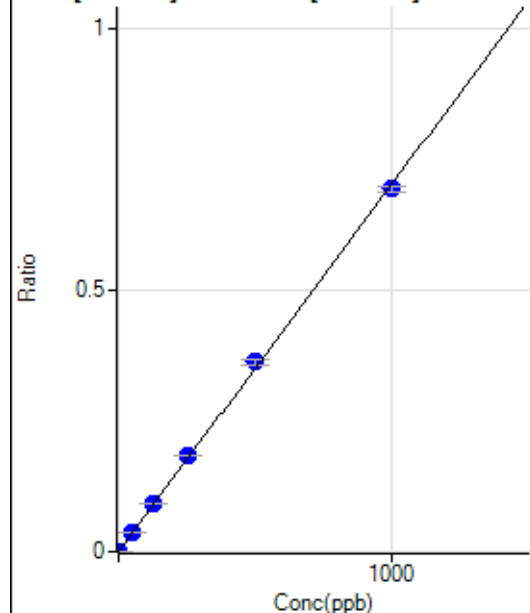


Batch Folder: D:\Agilent\ICPMH\1\DATA\P804220MS.b\
Analysis File: P804220MS.batch.bin
DA Date-Time: 2020-04-27 12:21:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2020-04-24 11:15:14
2	007CALS.d	S02	2020-04-24 11:21:29
3	008CALS.d	S03	2020-04-24 11:24:38
4	009CALS.d	S04	2020-04-24 11:27:44
5	010CALS.d	S05	2020-04-24 11:30:48
6	011CALS.d	S06	2020-04-24 11:33:47
7	012CALS.d	S07	2020-04-24 11:36:47
8	013CALS.d	S08	2020-04-24 11:39:45

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.99	0.0000	P	27.3
2	☐	1.000	1.057	874.52	0.0008	P	6.6
3	☐	50.000	51.271	41287.86	0.0361	P	3.1
4	☐	125.000	130.533	105373.19	0.0918	P	2.4
5	☐	250.000	260.360	212897.87	0.1830	P	0.7
6	☐	500.000	516.346	425203.74	0.3629	P	2.9
7	☐	1000.000	988.482	826628.37	0.6946	P	1.4
8	☐			188.63	0.0002	P	7.0

$$y = 7.0270\text{E-}004 * x + 3.7442\text{E-}005$$

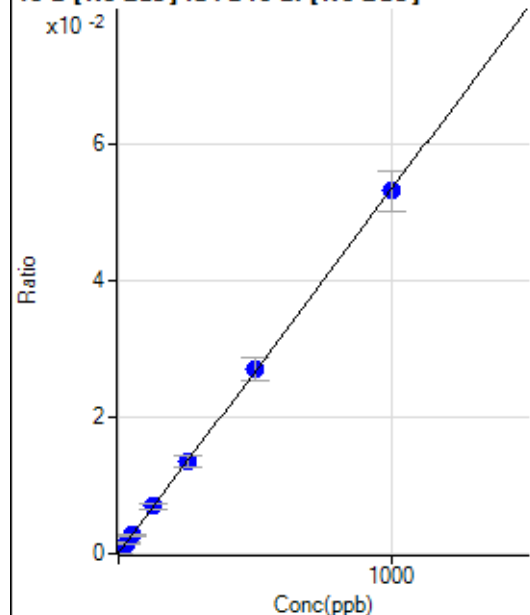
$$R = 0.9997$$

$$DL = 0.04357$$

$$BEC = 0.05328$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.32	0.0000	P	12.6
2	☐	25.000	27.016	1667.10	0.0015	P	10.9
3	☐	50.000	50.890	3161.72	0.0028	P	8.0
4	☐	125.000	128.695	7924.59	0.0069	P	8.5
5	☐	250.000	251.888	15675.31	0.0135	P	11.1
6	☐	500.000	506.978	31623.72	0.0270	P	12.7
7	☐	1000.000	995.482	63111.85	0.0531	P	11.0
8	☐			11514.94	0.0099	P	12.5

$$y = 5.3252\text{E-}005 * x + 4.7680\text{E-}005$$

$$R = 1.0000$$

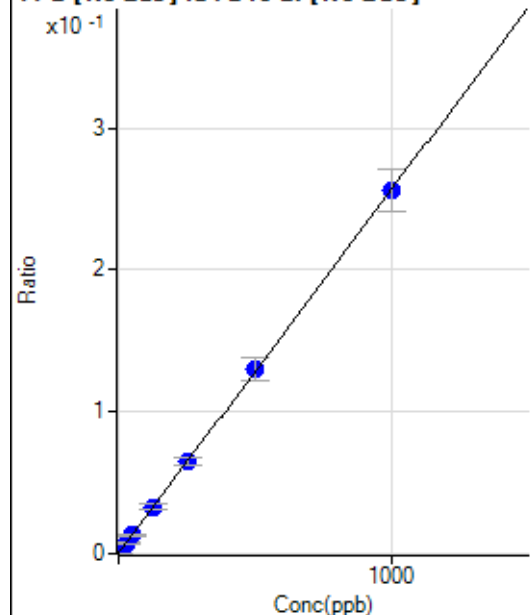
$$DL = 0.3393$$

$$BEC = 0.8954$$

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	249.95	0.0002	P	10.7
2	☐	25.000	27.072	8039.30	0.0072	P	9.3
3	☐	50.000	51.057	15272.27	0.0133	P	8.5
4	☐	125.000	127.935	37936.02	0.0330	P	10.0
5	☐	250.000	252.532	75676.30	0.0650	P	9.0
6	☐	500.000	505.174	151768.59	0.1298	P	12.3
7	☐	1000.000	996.308	304224.95	0.2558	P	11.8
8	☐			54847.13	0.0471	P	11.6

$$y = 2.5650\text{E-}004 * x + 2.2402\text{E-}004$$

$$R = 1.0000$$

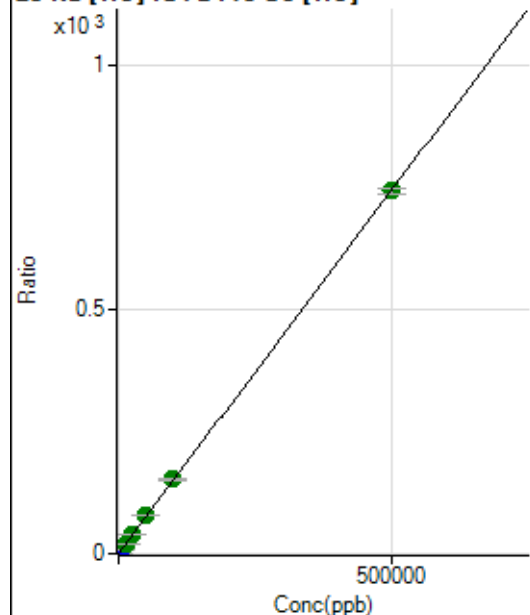
$$DL = 0.2806$$

$$BEC = 0.8734$$

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	25191.61	0.3362	P	4.4
2	☐	500.000	535.682	86298.98	1.1340	P	0.6
3	☐	5000.000	5276.597	623572.15	8.1943	P	0.8
4	☐	12500.000	13147.024	1489590.05	19.9151	A	1.8
5	☐	25000.000	26412.154	2978947.66	39.6699	A	1.1
6	☐	50000.000	52114.485	5714287.50	77.9465	A	0.4
7	☐	100000.00	101873.65	11102679.42	152.0491	A	1.5
8	☐	500000.00	499324.23	52991757.43	743.9430	A	1.3

$$y = 0.0015 * x + 0.3362$$

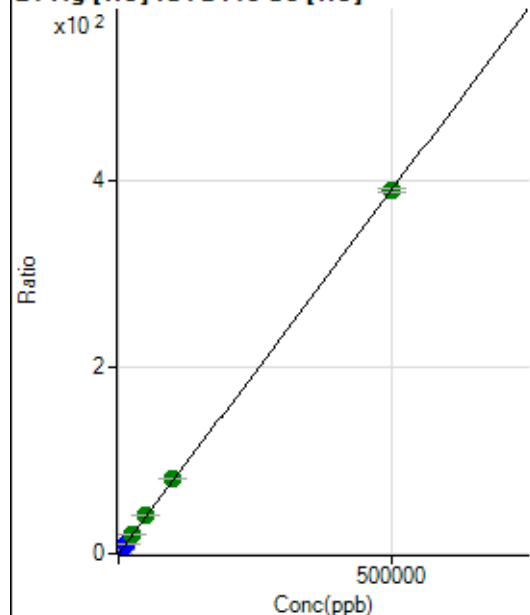
$$R = 1.0000$$

$$DL = 29.48$$

$$BEC = 225.8$$

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	219.45	0.0029	P	6.3
2	☐	500.000	527.900	31543.13	0.4144	P	3.2
3	☐	5000.000	5343.872	317233.44	4.1687	P	0.4
4	☐	12500.000	13553.658	790502.19	10.5685	P	1.4
5	☐	25000.000	26806.117	1569305.75	20.8993	A	1.6
6	☐	50000.000	52976.840	3027722.72	41.3003	A	0.1
7	☐	100000.00	102451.95	5832119.27	79.8679	A	1.2
8	☐	500000.00	499091.81	27713517.98	389.0628	A	1.1

$$y = 7.7954\text{E-}004 * x + 0.0029$$

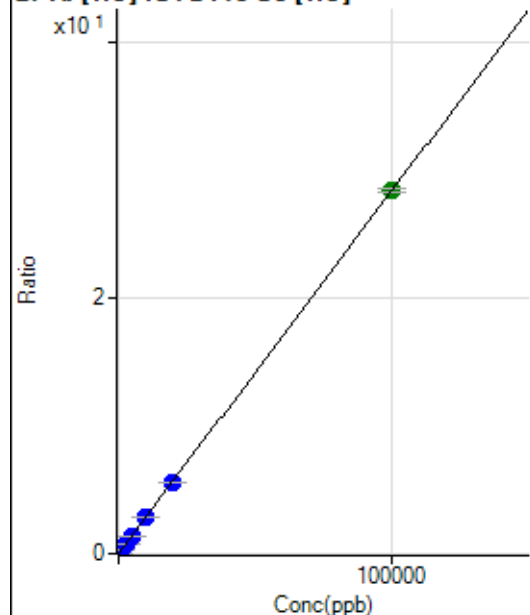
$$R = 1.0000$$

$$DL = 0.7122$$

$$BEC = 3.757$$

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	319.27	0.0043	P	2.8
2	☐	20.000	19.362	741.87	0.0097	P	8.6
3	☐	1000.000	985.195	21581.66	0.2836	P	0.9
4	☐	2500.000	2496.910	53273.37	0.7122	P	1.0
5	☐	5000.000	4985.774	106466.97	1.4179	P	1.3
6	☐	10000.000	10060.416	209425.55	2.8567	P	0.8
7	☐	20000.000	19577.123	405649.76	5.5550	P	0.8
8	☐	100000.00	100079.47	2021578.14	28.3802	A	1.0

$$y = 2.8353\text{E-}004 * x + 0.0043$$

$$R = 1.0000$$

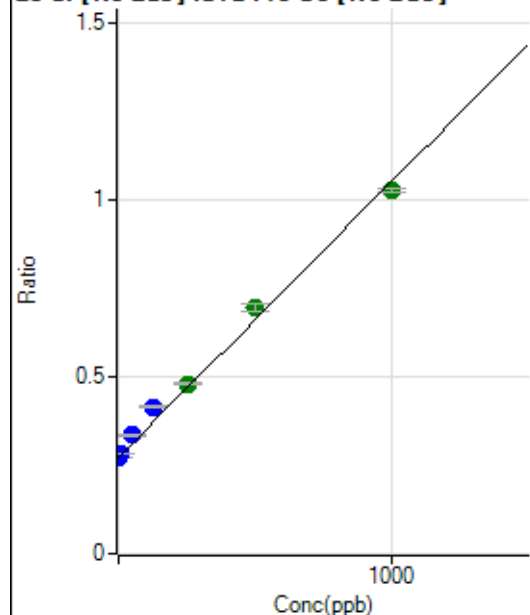
$$DL = 1.275$$

$$BEC = 15.02$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	586850.77	0.2727	P	0.4
2	☐	10.000	14.163	610880.74	0.2838	P	0.6
3	☐	50.000	81.773	733954.59	0.3365	P	1.5
4	☐	125.000	182.578	913047.51	0.4152	P	1.7
5	☐	250.000	266.429	1066442.70	0.4806	A	0.8
6	☐	500.000	543.384	1529317.80	0.6967	A	3.1
7	☐	1000.000	965.373	2201459.92	1.0259	A	0.9
8	☐			713214.36	0.3397	P	1.2

$$y = 7.8025\text{E-}004 * x + 0.2727$$

$$R = 0.9971$$

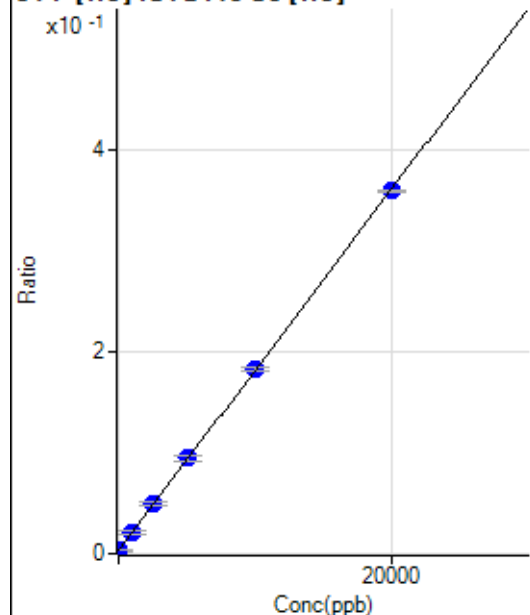
$$DL = 3.915$$

$$BEC = 349.5$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-21.083	202.79	0.0027	P	24.1
2	☐	0.000	21.083	263.90	0.0035	P	15.0
3	☐	1000.000	1006.641	1608.47	0.0211	P	13.0
4	☐	2500.000	2616.661	3739.47	0.0500	P	6.3
5	☐	5000.000	5110.424	7110.25	0.0947	P	6.9
6	☐	10000.000	10076.239	13467.68	0.1837	P	1.9
7	☐	20000.000	19919.360	26302.04	0.3602	P	0.6
8	☐			219.45	0.0031	P	26.1

$$y = 1.7926\text{E-}005 * x + 0.0031$$

$$R = 1.0000$$

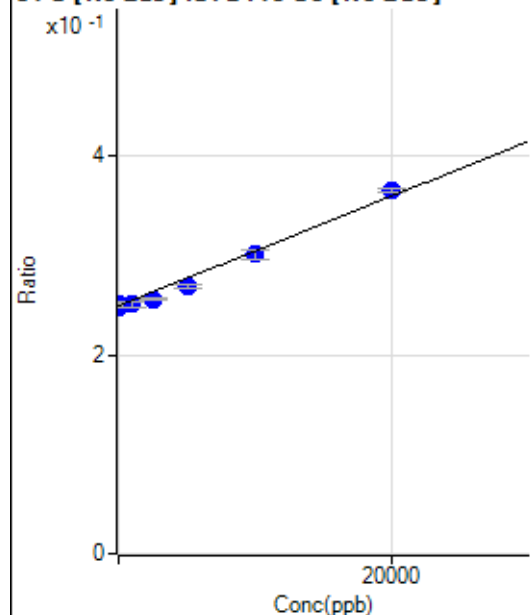
$$DL = 98.31$$

$$BEC = 172.4$$

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	-206.879	534446.96	0.2484	P	0.3
2	☐	0.000	206.879	539575.24	0.2506	P	0.6
3	☐	1000.000	234.079	546892.46	0.2508	P	2.5
4	☐	2500.000	1185.909	563103.64	0.2560	P	1.3
5	☐	5000.000	3465.884	595979.94	0.2686	P	1.7
6	☐	10000.000	9318.729	660500.99	0.3009	P	2.7
7	☐	20000.000	20926.722	782866.93	0.3648	P	1.0
8	☐			504350.75	0.2402	P	1.6

$$y = 5.5122\text{E-}006 * x + 0.2495$$

$$R = 0.9953$$

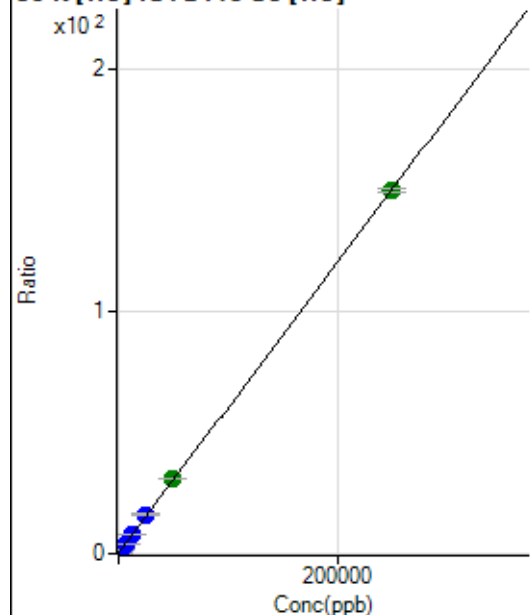
$$DL = 592.4$$

$$BEC = 4.526\text{E}+04$$

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	20773.69	0.2772	P	3.4
2	☐	500.000	526.176	45090.37	0.5925	P	1.2
3	☐	2500.000	2639.148	141432.89	1.8585	P	1.0
4	☐	6250.000	6668.400	319596.41	4.2728	P	1.5
5	☐	12500.000	13269.575	617843.82	8.2281	P	0.8
6	☐	25000.000	26676.635	1192122.61	16.2614	P	0.4
7	☐	50000.000	50957.666	2250153.42	30.8101	A	0.9
8	☐	250000.00	249590.42	10672347.12	149.8274	A	1.1

$$y = 5.9918\text{E-}004 * x + 0.2772$$

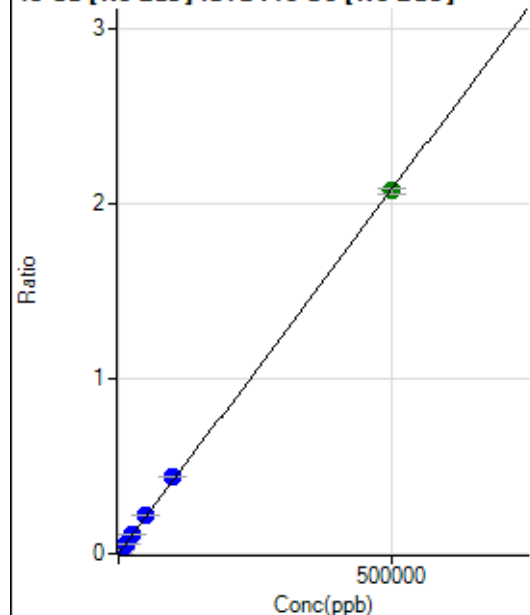
$$R = 1.0000$$

$$DL = 46.76$$

$$BEC = 462.7$$

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	533.36	0.0002	P	15.5
2	☐	500.000	498.363	5001.01	0.0023	P	7.2
3	☐	5000.000	5250.783	48217.75	0.0221	P	2.8
4	☐	12500.000	13267.208	122053.97	0.0555	P	0.7
5	☐	25000.000	26325.312	243805.55	0.1099	P	0.4
6	☐	50000.000	53528.403	490045.22	0.2231	P	1.2
7	☐	100000.00	105405.80	942306.27	0.4391	P	0.6
8	☐	500000.00	498478.04	4358728.57	2.0759	A	1.8

$$y = 4.1639\text{E-}006 * x + 2.4788\text{E-}004$$

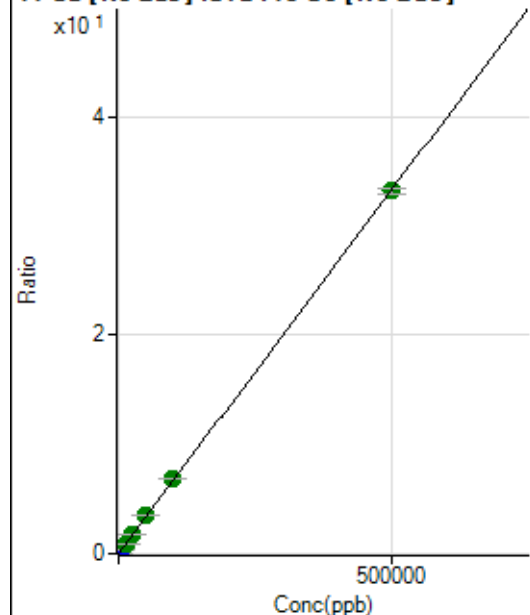
R = 0.9999

DL = 27.62

BEC = 59.53

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	22721.28	0.0106	P	2.1
2	☐	500.000	543.991	100614.96	0.0467	P	1.9
3	☐	5000.000	5399.681	806226.47	0.3697	P	1.6
4	☐	12500.000	13258.172	1962460.83	0.8923	A	1.1
5	☐	25000.000	26318.613	3907627.13	1.7608	A	1.2
6	☐	50000.000	52531.279	7696101.39	3.5041	A	1.0
7	☐	100000.00	103070.87	14731449.12	6.8652	A	0.3
8	☐	500000.00	499043.77	69706939.06	33.1989	A	1.4

$$y = 6.6504\text{E-}005 * x + 0.0106$$

R = 1.0000

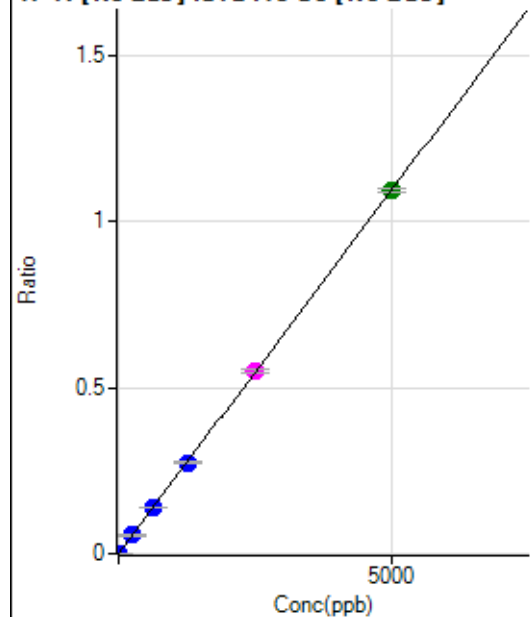
DL = 10.23

BEC = 158.8

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	441.69	0.0002	P	9.9
2	☐	5.000	5.469	3017.06	0.0014	P	6.4
3	☐	250.000	250.949	120175.99	0.0551	P	1.1
4	☐	625.000	634.669	305798.49	0.1390	P	0.7
5	☐	1250.000	1255.222	609679.16	0.2748	P	1.5
6	☐	2500.000	2510.696	1206330.20	0.5494	M	2.2
7	☐	5000.000	4992.090	2343563.03	1.0922	A	1.0
8	☐			852.83	0.0004	P	8.9

$$y = 2.1874\text{E-}004 * x + 2.0524\text{E-}004$$

$$R = 1.0000$$

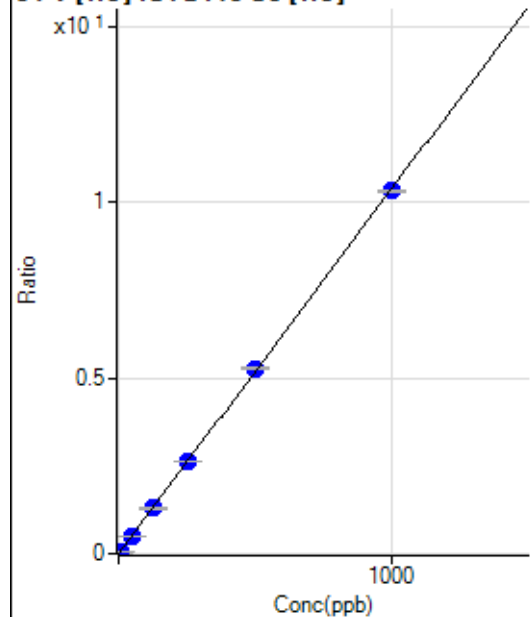
$$DL = 0.2788$$

$$BEC = 0.9383$$

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	15.56	0.0002	P	76.2
2	☐	5.000	5.290	4188.43	0.0550	P	0.8
3	☐	50.000	49.673	39190.19	0.5150	P	1.1
4	☐	125.000	124.943	96862.58	1.2950	P	2.2
5	☐	250.000	253.508	197284.52	2.6274	P	0.6
6	☐	500.000	508.366	386236.97	5.2686	P	0.3
7	☐	1000.000	994.962	752978.55	10.3113	P	0.7
8	☐			275.56	0.0039	P	5.8

$$y = 0.0104 * x + 2.0833\text{E-}004$$

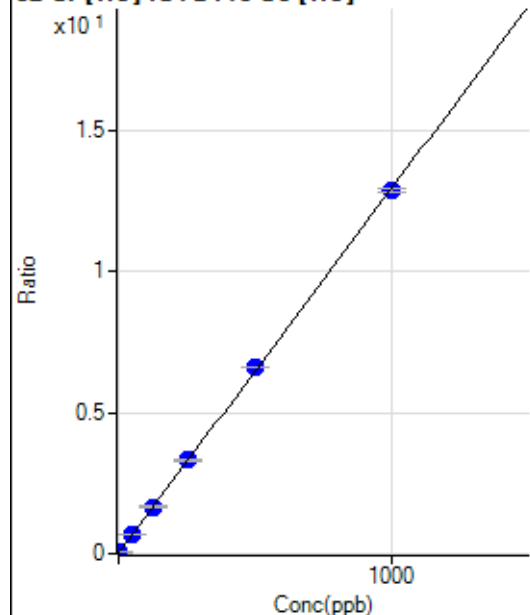
$$R = 0.9999$$

$$DL = 0.04596$$

$$BEC = 0.0201$$

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	1081.16	0.0144	P	5.2
2	☐	2.000	2.077	3143.71	0.0413	P	4.1
3	☐	50.000	50.049	50409.53	0.6624	P	0.1
4	☐	125.000	127.434	124488.11	1.6643	P	1.4
5	☐	250.000	255.132	249114.26	3.3176	P	0.7
6	☐	500.000	509.790	484921.76	6.6147	P	0.6
7	☐	1000.000	993.515	940355.53	12.8775	P	1.0
8	☐			25003.02	0.3510	P	1.6

$$y = 0.0129 * x + 0.0144$$

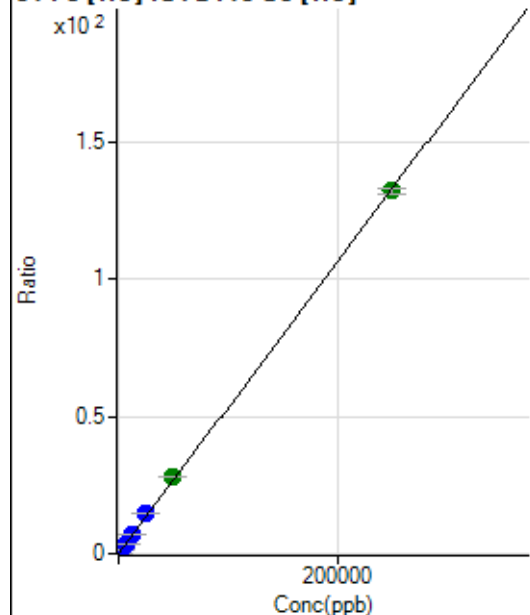
$$R = 0.9999$$

$$DL = 0.1721$$

$$BEC = 1.114$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	477.80	0.0064	P	15.0
2	☐	50.000	56.981	2787.36	0.0366	P	6.3
3	☐	2500.000	2691.543	109243.83	1.4355	P	0.7
4	☐	6250.000	6777.830	269669.21	3.6053	P	1.7
5	☐	12500.000	13600.698	542764.90	7.2282	P	1.1
6	☐	25000.000	27163.008	1057834.52	14.4296	P	0.6
7	☐	50000.000	52938.814	2053015.35	28.1163	A	1.7
8	☐	250000.00	249125.78	9422504.03	132.2896	A	1.8

$$y = 5.3099E-004 * x + 0.0064$$

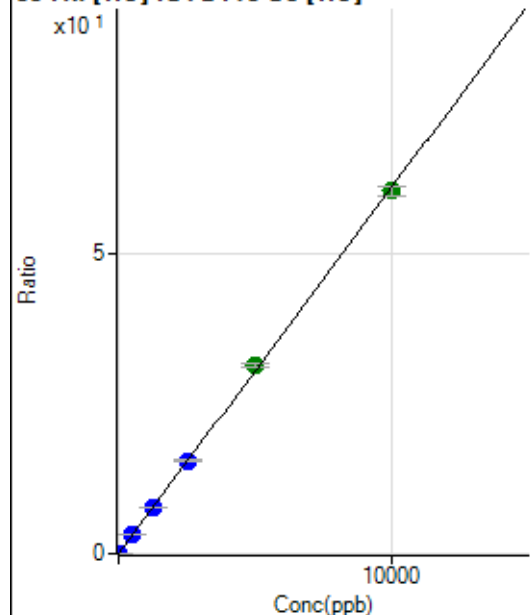
$$R = 0.9999$$

$$DL = 5.412$$

$$BEC = 11.99$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	103.33	0.0014	P	34.0
2	☐	1.000	0.981	560.02	0.0074	P	7.6
3	☐	500.000	501.630	232747.98	3.0585	P	0.4
4	☐	1250.000	1271.416	579658.12	7.7498	P	1.8
5	☐	2500.000	2547.536	1165908.81	15.5268	P	0.8
6	☐	5000.000	5147.889	2300023.53	31.3741	A	1.4
7	☐	10000.000	9911.413	4410396.32	60.4044	A	2.6
8	☐			4090.63	0.0574	P	2.0

$$y = 0.0061 * x + 0.0014$$

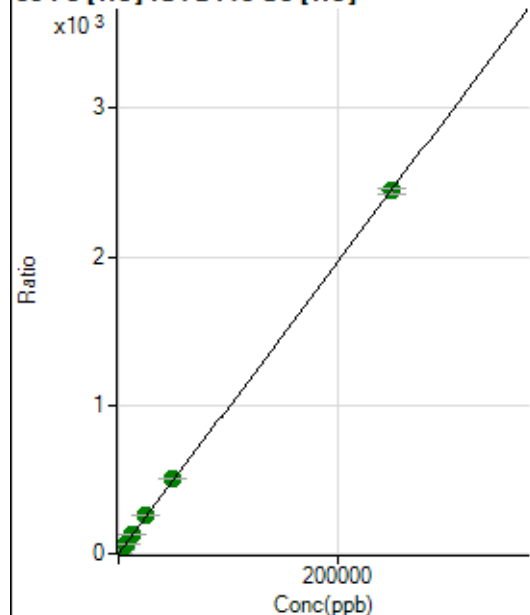
$$R = 0.9998$$

$$DL = 0.2312$$

$$BEC = 0.2268$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2972.58	0.0397	P	6.0
2	☐	50.000	56.103	44825.95	0.5890	P	1.1
3	☐	2500.000	2665.175	1988939.89	26.1357	A	0.5
4	☐	6250.000	6620.789	4851837.32	64.8670	A	1.9
5	☐	12500.000	13214.610	9718652.65	129.4302	A	0.9
6	☐	25000.000	26503.647	19027416.17	259.5495	A	0.9
7	☐	50000.000	51256.399	36651792.95	501.9154	A	0.9
8	☐	250000.00	249551.70	174045865.0	2,443.518	A	1.7

$$y = 0.0098 * x + 0.0397$$

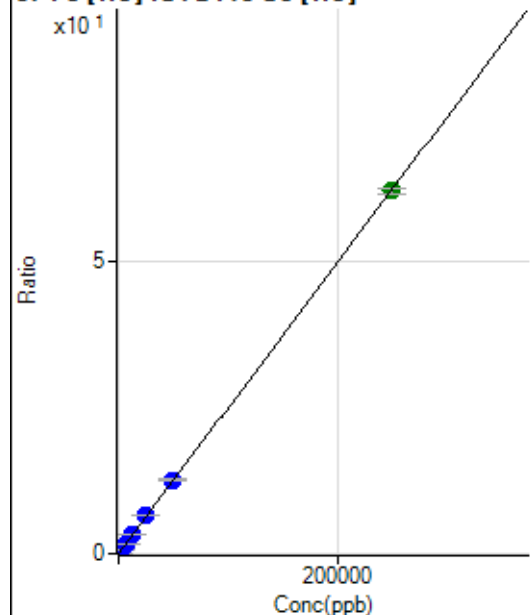
$$R = 1.0000$$

$$DL = 0.7251$$

$$BEC = 4.052$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0016	P	16.8
2	☐	50.000	54.851	1153.77	0.0152	P	1.1
3	☐	2500.000	2573.480	48692.40	0.6398	P	1.4
4	☐	6250.000	6595.818	122479.69	1.6375	P	1.7
5	☐	12500.000	13084.766	243806.51	3.2469	P	0.6
6	☐	25000.000	26355.379	479328.27	6.5384	P	0.8
7	☐	50000.000	50864.297	921379.43	12.6173	P	0.7
8	☐	250000.00	249652.98	4410553.66	61.9221	A	1.7

$$y = 2.4803\text{E-}004 * x + 0.0016$$

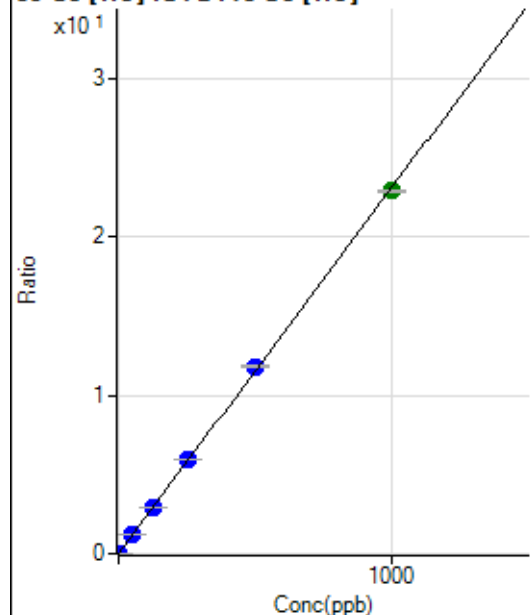
$$R = 1.0000$$

$$DL = 3.17$$

$$BEC = 6.274$$

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	86.67	0.0012	P	17.1
2	☐	1.000	1.014	1869.03	0.0246	P	4.7
3	☐	50.000	50.703	89090.64	1.1707	P	0.4
4	☐	125.000	128.171	221234.95	2.9577	P	0.7
5	☐	250.000	256.291	443989.97	5.9130	P	0.9
6	☐	500.000	512.040	865957.72	11.8124	P	0.9
7	☐	1000.000	991.976	1671001.35	22.8831	A	0.9
8	☐			2979.24	0.0418	P	2.0

$$y = 0.0231 * x + 0.0012$$

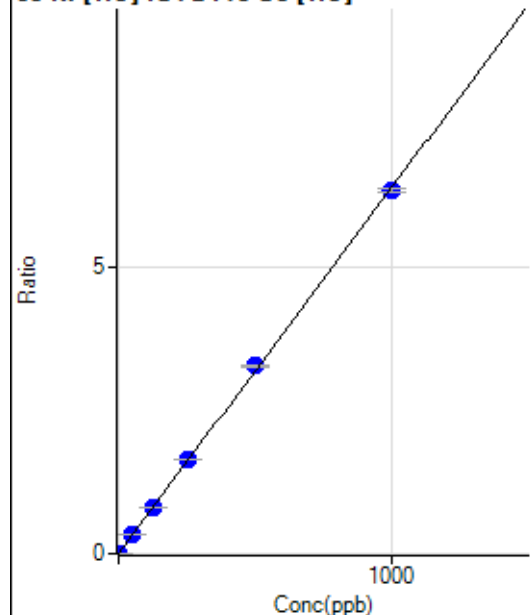
$$R = 0.9999$$

$$DL = 0.02576$$

$$BEC = 0.05015$$

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	111.11	0.0015	P	8.9
2	☐	1.000	1.042	618.91	0.0081	P	13.2
3	☐	50.000	50.853	24797.18	0.3258	P	0.4
4	☐	125.000	127.464	60924.13	0.8145	P	1.6
5	☐	250.000	256.062	122752.50	1.6348	P	0.6
6	☐	500.000	512.596	239802.94	3.2711	P	0.5
7	☐	1000.000	991.836	462083.85	6.3279	P	1.0
8	☐			7845.56	0.1102	P	2.4

$$y = 0.0064 * x + 0.0015$$

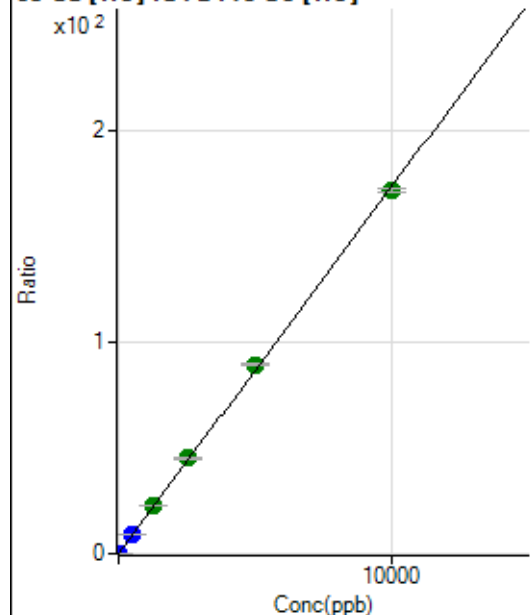
$$R = 0.9999$$

$$DL = 0.06199$$

$$BEC = 0.2325$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	426.68	0.0057	P	1.2
2	☐	2.000	2.100	3201.50	0.0421	P	4.8
3	☐	500.000	518.401	683687.59	8.9842	P	0.5
4	☐	1250.000	1314.002	1702715.13	22.7636	A	1.1
5	☐	2500.000	2601.669	3383989.74	45.0654	A	1.0
6	☐	5000.000	5153.140	6543328.86	89.2557	A	0.7
7	☐	10000.000	9889.093	12507200.65	171.2803	A	1.1
8	☐			6480.42	0.0910	P	1.3

$$y = 0.0173 * x + 0.0057$$

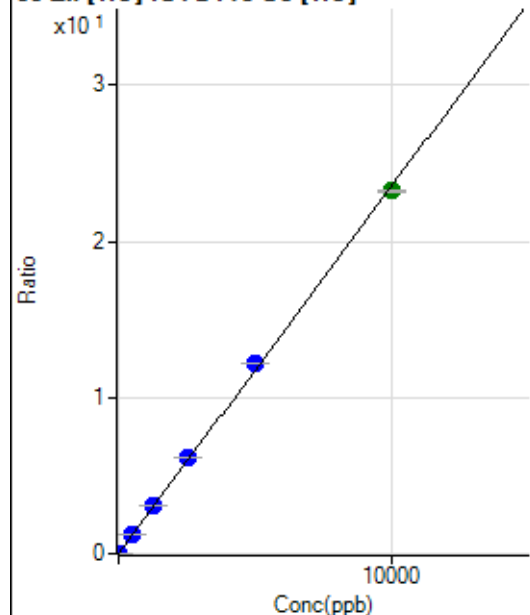
$$R = 0.9998$$

$$DL = 0.01218$$

$$BEC = 0.3287$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	160.01	0.0021	P	15.2
2	☐	2.000	2.284	571.13	0.0075	P	5.9
3	☐	500.000	510.832	91540.56	1.2029	P	1.2
4	☐	1250.000	1302.359	229150.85	3.0635	P	1.0
5	☐	2500.000	2603.767	459739.09	6.1227	P	0.7
6	☐	5000.000	5178.653	892576.66	12.1754	P	0.3
7	☐	10000.000	9877.645	1695728.39	23.2211	A	0.8
8	☐			7182.99	0.1008	P	0.3

$$y = 0.0024 * x + 0.0021$$

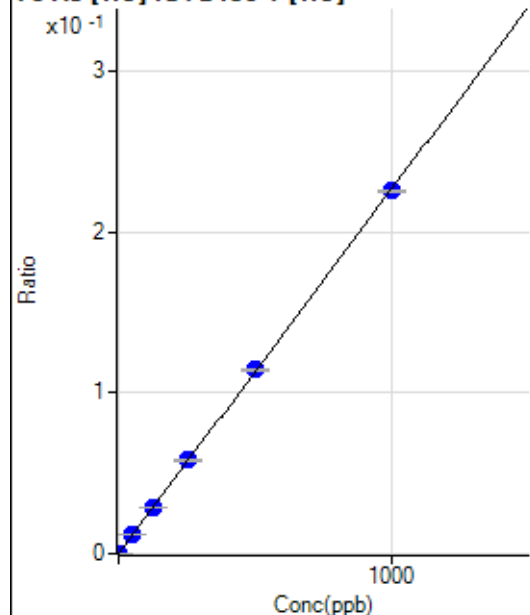
$$R = 0.9997$$

$$DL = 0.414$$

$$BEC = 0.9078$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	7.5
2	☐	1.000	1.058	143.35	0.0003	P	2.5
3	☐	50.000	50.578	6464.13	0.0115	P	1.0
4	☐	125.000	127.621	16050.71	0.0289	P	1.5
5	☐	250.000	256.749	32523.49	0.0582	P	1.1
6	☐	500.000	504.803	63203.52	0.1144	P	0.6
7	☐	1000.000	995.555	122231.07	0.2255	P	0.7
8	☐			63.01	0.0001	P	17.4

$$y = 2.2652E-004 * x + 1.4981E-005$$

$$R = 1.0000$$

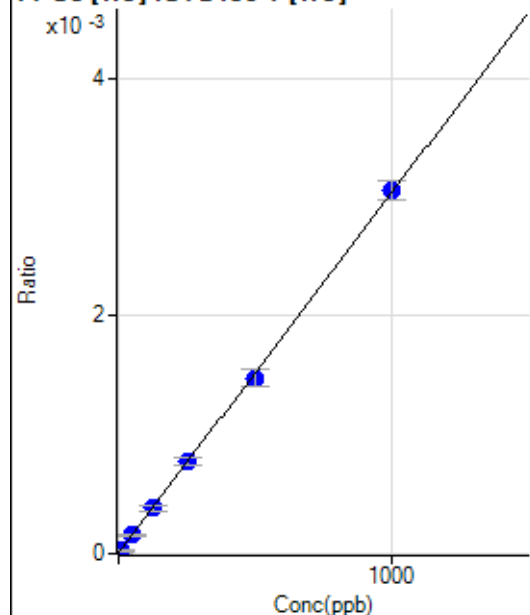
$$DL = 0.01486$$

$$BEC = 0.06614$$

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	2.22	0.0000	P	86.6
2	☐	5.000	7.148	14.44	0.0000	P	12.6
3	☐	50.000	49.460	86.67	0.0002	P	11.7
4	☐	125.000	126.263	214.45	0.0004	P	12.1
5	☐	250.000	255.918	435.57	0.0008	P	8.7
6	☐	500.000	486.449	816.70	0.0015	P	9.1
7	☐	1000.000	1005.154	1652.34	0.0030	P	5.4
8	☐			0.00	0.0000	P	

$$y = 3.0296\text{E-}006 * x + 3.9775\text{E-}006$$

$$R = 0.9998$$

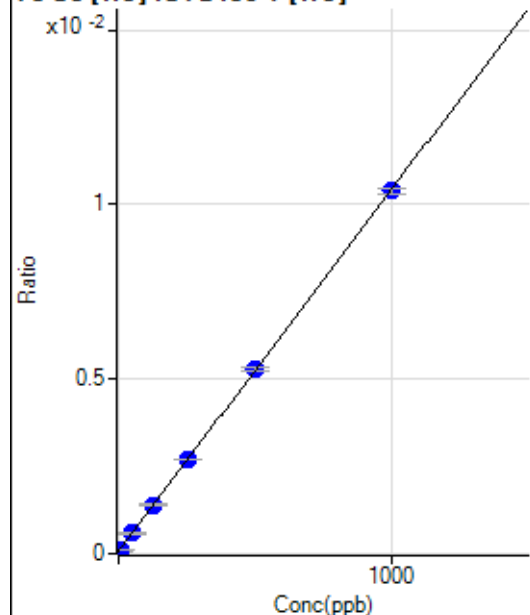
$$DL = 3.411$$

$$BEC = 1.313$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.00	0.0001	P	9.8
2	☐	5.000	3.176	60.01	0.0001	P	2.2
3	☐	50.000	48.840	326.37	0.0006	P	4.2
4	☐	125.000	127.698	774.43	0.0014	P	2.2
5	☐	250.000	252.555	1502.90	0.0027	P	1.3
6	☐	500.000	505.632	2933.27	0.0053	P	1.9
7	☐	1000.000	996.275	5629.37	0.0104	P	1.6
8	☐			34.67	0.0001	P	13.8

$$y = 1.0352\text{E-}005 * x + 7.3693\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.096$$

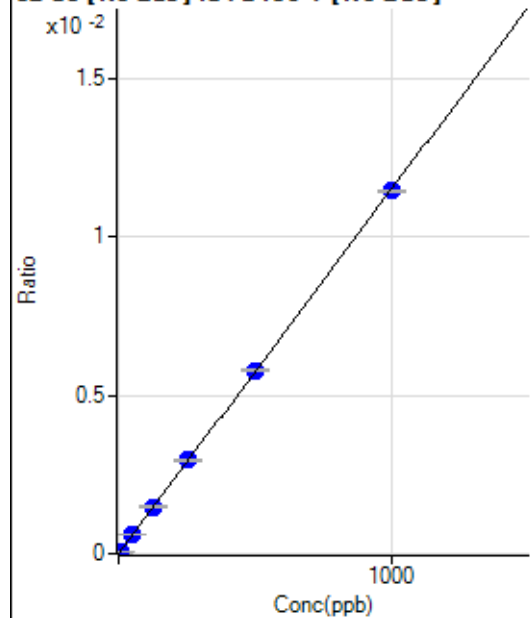
$$BEC = 7.119$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1835.36		P	8.9
2	☐			1828.68		P	7.3
3	☐			1608.42		P	11.0
4	☐			1588.41		P	7.0
5	☐			1568.37		P	3.0
6	☐			1675.17		P	7.7
7	☐			1711.87		P	7.9
8	☐			1595.07		P	11.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-5.81	0.0000	P	-522.
2	☐	5.000	5.447	267.05	0.0001	P	51.2
3	☐	50.000	52.155	2586.25	0.0006	P	1.0
4	☐	125.000	128.667	6504.58	0.0015	P	1.5
5	☐	250.000	257.305	13095.74	0.0030	P	1.4
6	☐	500.000	503.913	25805.42	0.0058	P	1.2
7	☐	1000.000	995.649	50442.25	0.0115	P	0.7
8	☐			4.03	0.0000	P	730.3

$$y = 1.1517E-005 * x - 1.4070E-006$$

$$R = 1.0000$$

$$DL = 1.914$$

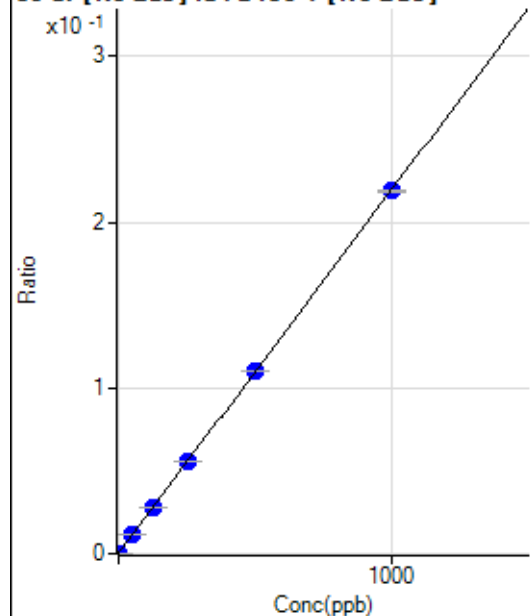
$$BEC = -0.1222$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			681.13		P	4.2
2	☐			692.25		P	11.0
3	☐			710.03		P	7.3
4	☐			665.58		P	10.9
5	☐			726.69		P	14.1
6	☐			721.14		P	7.3
7	☐			644.46		P	9.1
8	☐			673.36		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	975.06	0.0002	P	10.3
2	☐	1.000	1.138	2080.77	0.0005	P	6.6
3	☐	50.000	51.039	49245.76	0.0114	P	1.9
4	☐	125.000	126.495	122775.20	0.0279	P	1.2
5	☐	250.000	254.218	247253.02	0.0559	P	0.6
6	☐	500.000	502.536	490699.92	0.1103	P	0.6
7	☐	1000.000	997.438	962479.62	0.2188	P	0.4
8	☐			2961.50	0.0007	P	5.1

$$y = 2.1911\text{E-}004 * x + 2.2860\text{E-}004$$

$$R = 1.0000$$

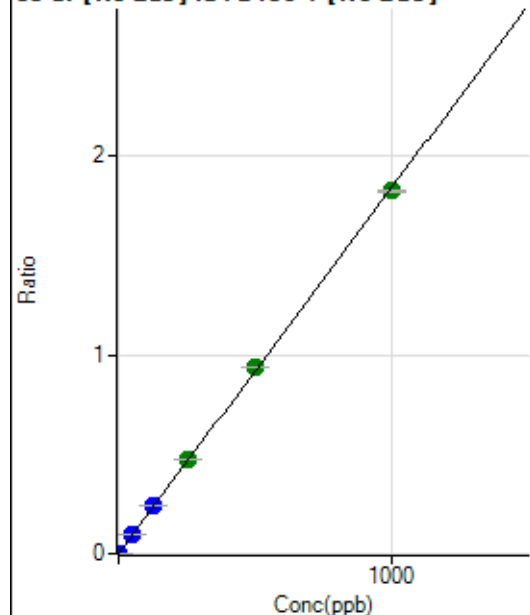
$$DL = 0.3234$$

$$BEC = 1.043$$

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	175.00	0.0000	P	9.3
2	☐	1.000	1.045	8544.52	0.0020	P	2.8
3	☐	50.000	51.997	413181.41	0.0957	P	0.2
4	☐	125.000	130.383	1054527.29	0.2400	P	0.6
5	☐	250.000	258.360	2102280.54	0.4755	A	1.4
6	☐	500.000	510.037	4175298.62	0.9387	A	0.8
7	☐	1000.000	992.119	8033583.95	1.8260	A	0.5
8	☐			17444.54	0.0040	P	1.0

$$y = 0.0018 * x + 4.1062E-005$$

$$R = 0.9999$$

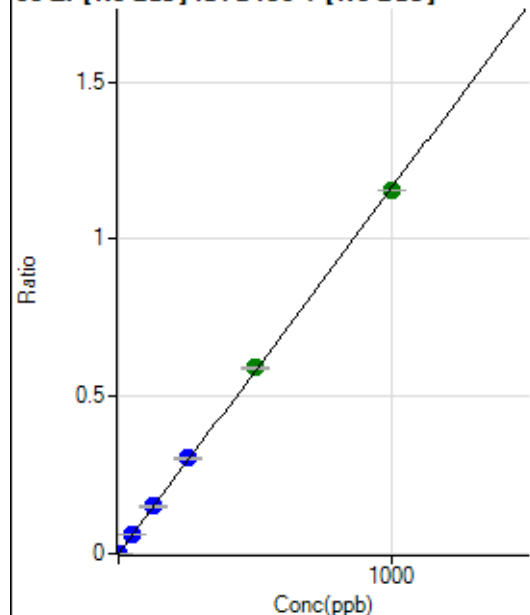
$$DL = 0.006218$$

$$BEC = 0.02231$$

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	158.34	0.0000	P	33.5
2	☐	1.000	0.966	5045.51	0.0012	P	3.0
3	☐	50.000	51.552	258713.82	0.0599	P	1.3
4	☐	125.000	129.552	661670.83	0.1506	P	1.1
5	☐	250.000	260.433	1338243.90	0.3027	P	0.3
6	☐	500.000	508.466	2628254.49	0.5910	A	1.3
7	☐	1000.000	992.512	5074851.89	1.1535	A	0.1
8	☐			1536.24	0.0004	P	2.6

$$y = 0.0012 * x + 3.7032E-005$$

$$R = 0.9999$$

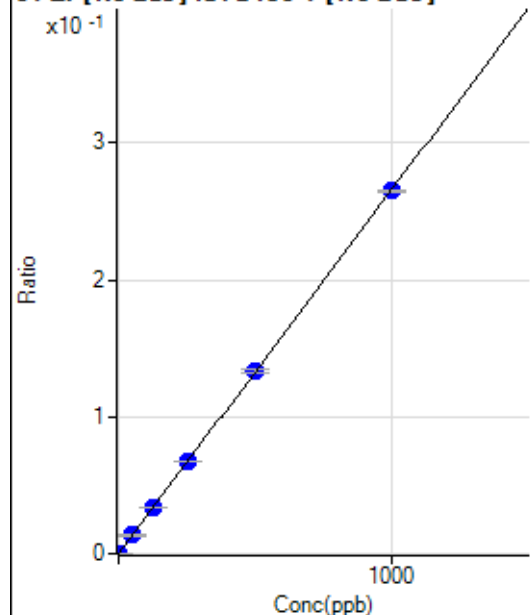
$$DL = 0.03201$$

$$BEC = 0.03186$$

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	47.22	0.0000	P	41.5
2	☐	1.000	0.867	1050.07	0.0002	P	6.8
3	☐	50.000	50.353	57736.73	0.0134	P	1.5
4	☐	125.000	125.625	146582.30	0.0334	P	0.5
5	☐	250.000	254.051	298205.54	0.0675	P	1.2
6	☐	500.000	502.622	593456.48	0.1334	P	1.2
7	☐	1000.000	997.580	1165170.72	0.2648	P	0.4
8	☐			330.57	0.0001	P	10.7

$$y = 2.6548\text{E-}004 * x + 1.1106\text{E-}005$$

$$R = 1.0000$$

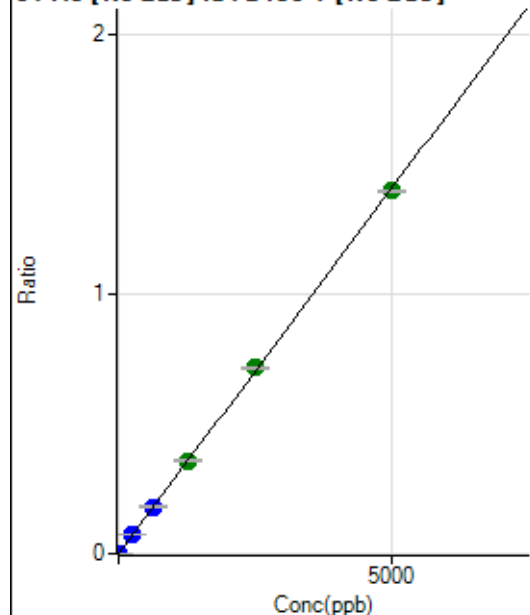
$$DL = 0.05204$$

$$BEC = 0.04183$$

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	69.45	0.0000	P	18.2
2	☐	5.000	5.504	6818.50	0.0016	P	1.2
3	☐	250.000	258.184	313972.87	0.0728	P	0.6
4	☐	625.000	643.784	796932.78	0.1814	P	0.8
5	☐	1250.000	1276.138	1589389.67	0.3595	A	1.2
6	☐	2500.000	2543.574	3186753.11	0.7166	A	0.7
7	☐	5000.000	4968.921	6158657.34	1.3999	A	0.5
8	☐			4134.06	0.0010	P	1.0

$$y = 2.8172\text{E-}004 * x + 1.6280\text{E-}005$$

$$R = 0.9999$$

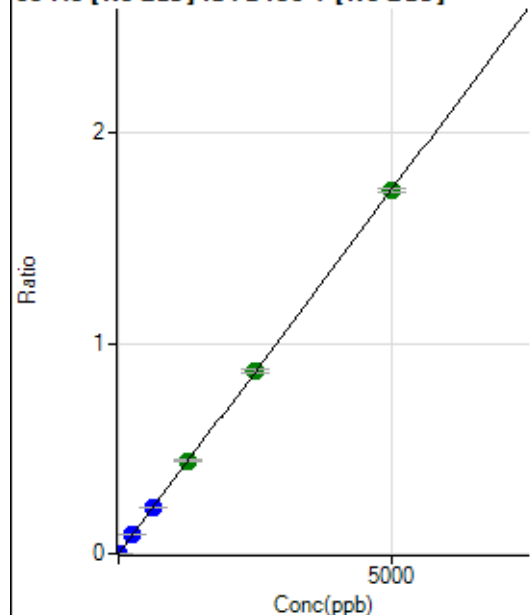
$$DL = 0.0315$$

$$BEC = 0.05779$$

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	22.22	0.0000	P	56.5
2	☐	5.000	5.417	8185.97	0.0019	P	7.7
3	☐	250.000	257.235	384312.72	0.0890	P	0.8
4	☐	625.000	637.120	969042.41	0.2206	P	0.5
5	☐	1250.000	1280.546	1959693.88	0.4433	A	0.5
6	☐	2500.000	2506.588	3859018.01	0.8677	A	1.6
7	☐	5000.000	4987.192	7594732.64	1.7264	A	1.0
8	☐			6343.28	0.0015	P	6.7

$$y = 3.4616\text{E-}004 * x + 5.1880\text{E-}006$$

$$R = 1.0000$$

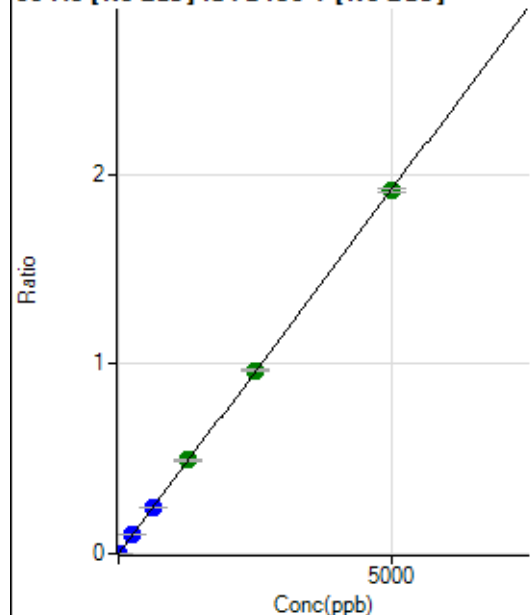
$$DL = 0.02541$$

$$BEC = 0.01499$$

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	63.89	0.0000	P	50.4
2	☐	5.000	5.375	9047.61	0.0021	P	2.9
3	☐	250.000	257.341	426568.81	0.0988	P	1.6
4	☐	625.000	635.584	1072538.19	0.2441	P	1.2
5	☐	1250.000	1284.437	2180878.98	0.4933	A	1.0
6	☐	2500.000	2513.499	4293590.50	0.9653	A	0.8
7	☐	5000.000	4982.951	8418879.44	1.9137	A	0.9
8	☐			7043.61	0.0016	P	3.6

$$y = 3.8405\text{E-}004 * x + 1.5026\text{E-}005$$

$$R = 1.0000$$

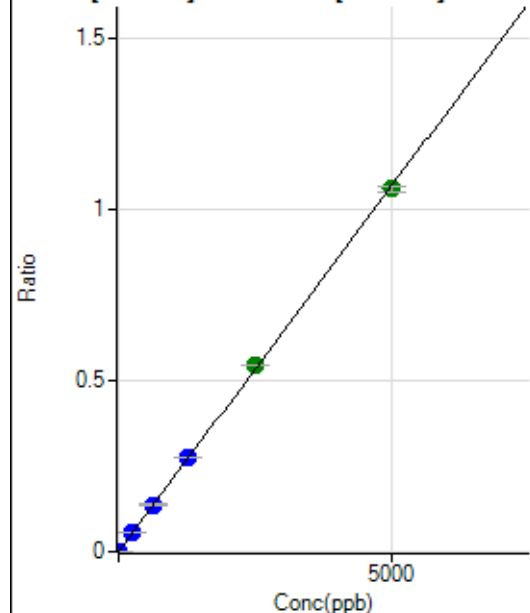
$$DL = 0.0592$$

$$BEC = 0.03913$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0000	P	173.2
2	☐	5.000	5.403	5028.81	0.0012	P	2.0
3	☐	250.000	257.309	237013.75	0.0549	P	1.0
4	☐	625.000	642.465	602468.65	0.1371	P	1.4
5	☐	1250.000	1296.754	1223556.17	0.2768	P	0.5
6	☐	2500.000	2546.529	2417292.48	0.5435	A	0.4
7	☐	5000.000	4962.498	4659421.11	1.0591	A	1.7
8	☐			3706.15	0.0009	P	7.4

$$y = 2.1343\text{E-}004 * x + 2.6086\text{E-}006$$

$$R = 0.9999$$

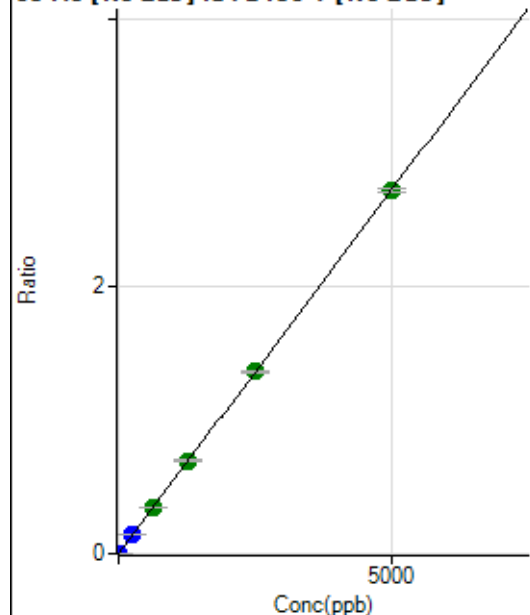
$$DL = 0.06351$$

$$BEC = 0.01222$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.4
2	☐	5.000	5.396	12806.16	0.0029	P	3.6
3	☐	250.000	257.865	606315.81	0.1405	P	0.2
4	☐	625.000	630.272	1508753.39	0.3434	A	1.7
5	☐	1250.000	1281.171	3085700.89	0.6980	A	0.9
6	☐	2500.000	2502.933	6064506.74	1.3636	A	0.5
7	☐	5000.000	4989.688	11959297.92	2.7185	A	1.0
8	☐			9917.73	0.0023	P	2.2

$$y = 5.4481\text{E-}004 * x + 3.2744\text{E-}006$$

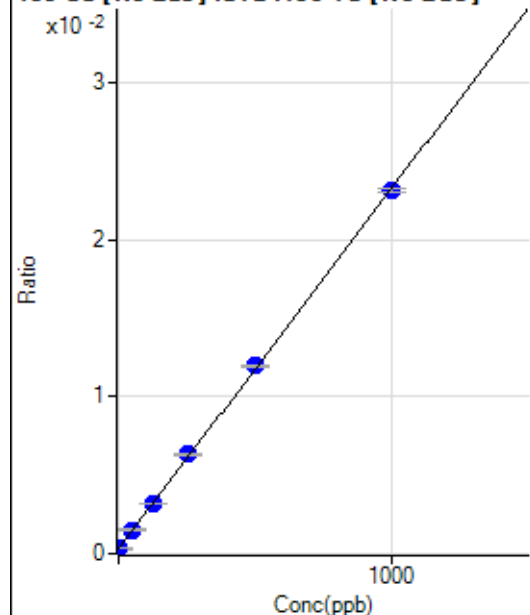
$$R = 1.0000$$

$$DL = 0.01648$$

$$BEC = 0.00601$$

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	986.18	0.0003	P	16.0
2	☐	1.000	0.998	1075.07	0.0003	P	10.3
3	☐	50.000	53.049	4939.92	0.0015	P	3.8
4	☐	125.000	125.237	10609.93	0.0032	P	2.0
5	☐	250.000	262.681	21311.36	0.0063	P	2.1
6	☐	500.000	507.569	40772.02	0.0120	P	0.6
7	☐	1000.000	992.863	78053.87	0.0231	P	0.9
8	☐			938.95	0.0003	P	13.5

$$y = 2.2997\text{E-}005 * x + 3.0751\text{E-}004$$

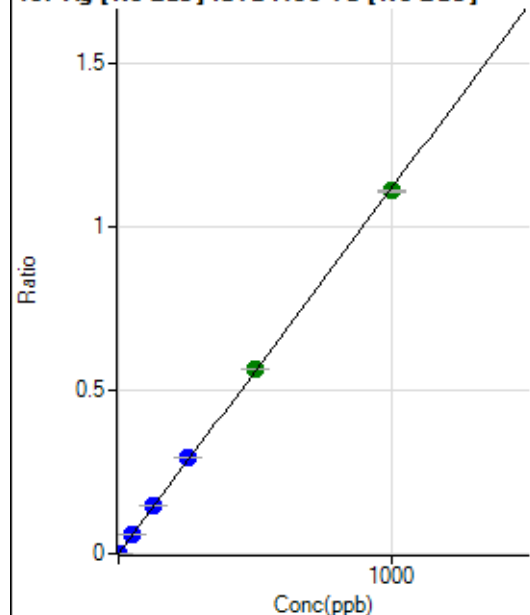
$$R = 0.9999$$

$$DL = 6.419$$

$$BEC = 13.37$$

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	11.11	0.0000	P	114.8
2	☐	1.000	1.245	4545.33	0.0014	P	4.9
3	☐	50.000	52.601	190212.12	0.0589	P	2.4
4	☐	125.000	130.739	486865.64	0.1463	P	0.4
5	☐	250.000	262.134	984529.75	0.2933	P	1.2
6	☐	500.000	506.163	1927004.55	0.5663	A	0.6
7	☐	1000.000	993.037	3747519.92	1.1110	A	0.9
8	☐			1188.97	0.0004	P	4.8

$$y = 0.0011 * x + 3.4917\text{E-}006$$

$$R = 0.9999$$

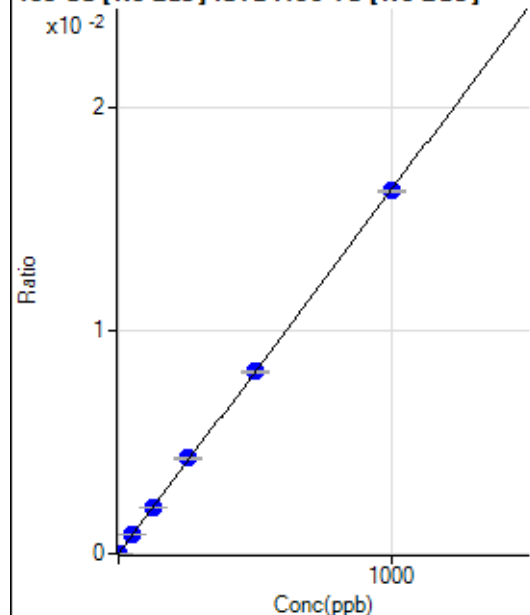
$$DL = 0.01075$$

$$BEC = 0.003121$$

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	13.89	0.0000	P	67.9
2	☐	1.000	1.147	75.00	0.0000	P	43.0
3	☐	50.000	52.798	2796.15	0.0009	P	3.0
4	☐	125.000	127.981	6958.77	0.0021	P	1.7
5	☐	250.000	262.216	14364.55	0.0043	P	2.4
6	☐	500.000	499.339	27714.00	0.0081	P	0.9
7	☐	1000.000	996.764	54824.96	0.0163	P	0.2
8	☐			15.28	0.0000	P	83.5

$$y = 1.6302\text{E-}005 * x + 4.3002\text{E-}006$$

$$R = 0.9999$$

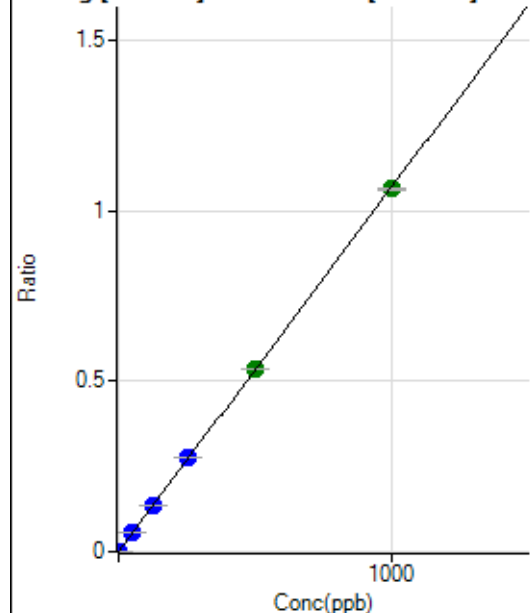
$$DL = 0.5376$$

$$BEC = 0.2638$$

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	5.55	0.0000	P	86.6
2	☐	1.000	1.185	4125.73	0.0013	P	5.1
3	☐	50.000	52.144	180073.78	0.0557	P	2.8
4	☐	125.000	128.792	458082.57	0.1376	P	0.7
5	☐	250.000	259.228	929928.77	0.2770	P	1.1
6	☐	500.000	502.764	1828138.86	0.5372	A	0.5
7	☐	1000.000	995.729	3588986.06	1.0640	A	0.5
8	☐			1083.41	0.0003	P	11.0

$$y = 0.0011 * x + 1.7264\text{E-}006$$

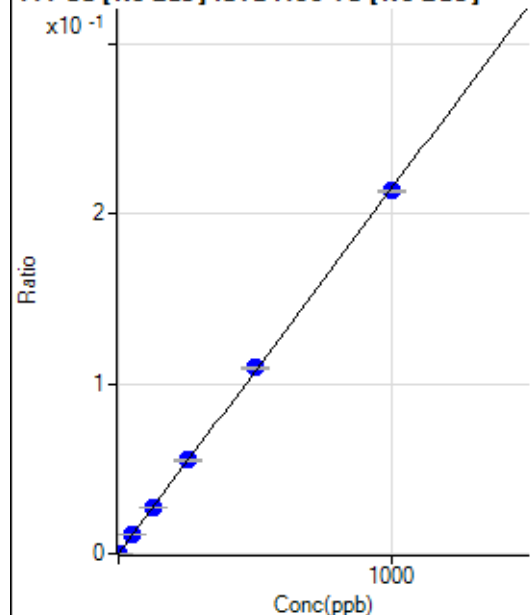
$$R = 0.9999$$

$$DL = 0.004198$$

$$BEC = 0.001616$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0001	P	17.7
2	☐	1.000	1.063	1054.78	0.0003	P	5.2
3	☐	50.000	51.722	36167.90	0.0112	P	3.0
4	☐	125.000	128.213	91869.70	0.0276	P	0.6
5	☐	250.000	256.469	185018.72	0.0551	P	1.5
6	☐	500.000	508.146	371332.48	0.1091	P	0.7
7	☐	1000.000	993.822	719460.30	0.2133	P	0.7
8	☐			437.66	0.0001	P	7.8

$$y = 2.1453\text{E-}004 * x + 9.6153\text{E-}005$$

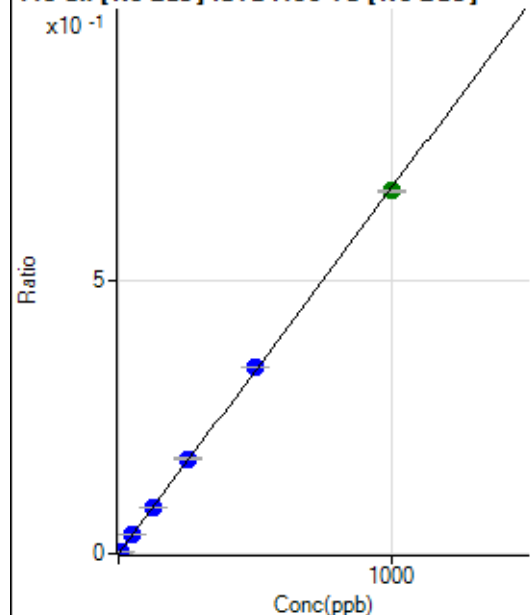
$$R = 0.9999$$

$$DL = 0.2375$$

$$BEC = 0.4482$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0001	P	33.7
2	☐	5.000	5.335	11858.22	0.0036	P	3.5
3	☐	50.000	52.048	112877.41	0.0349	P	1.2
4	☐	125.000	127.811	285063.16	0.0856	P	1.4
5	☐	250.000	260.085	584808.17	0.1742	P	0.9
6	☐	500.000	509.898	1162063.47	0.3415	P	0.5
7	☐	1000.000	992.075	2240641.39	0.6643	A	0.8
8	☐			1866.85	0.0006	P	7.5

$$y = 6.6952\text{E-}004 * x + 7.0796\text{E-}005$$

$$R = 0.9999$$

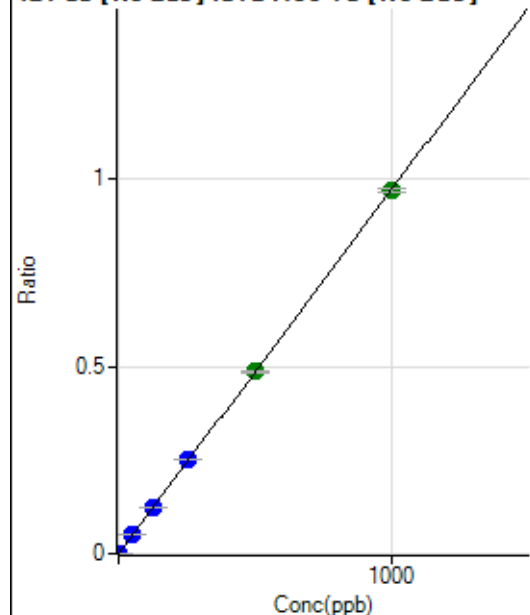
$$DL = 0.107$$

$$BEC = 0.1057$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	44.3
2	☐	2.000	2.004	6365.55	0.0020	P	5.7
3	☐	50.000	51.522	161715.28	0.0500	P	3.0
4	☐	125.000	127.664	412671.32	0.1240	P	0.9
5	☐	250.000	259.541	846141.73	0.2520	P	0.6
6	☐	500.000	500.604	1654496.96	0.4861	A	0.7
7	☐	1000.000	996.904	3265383.58	0.9681	A	0.9
8	☐			2494.74	0.0008	P	2.3

$$y = 9.7107\text{E-}004 * x + 1.0411\text{E-}005$$

$$R = 0.9999$$

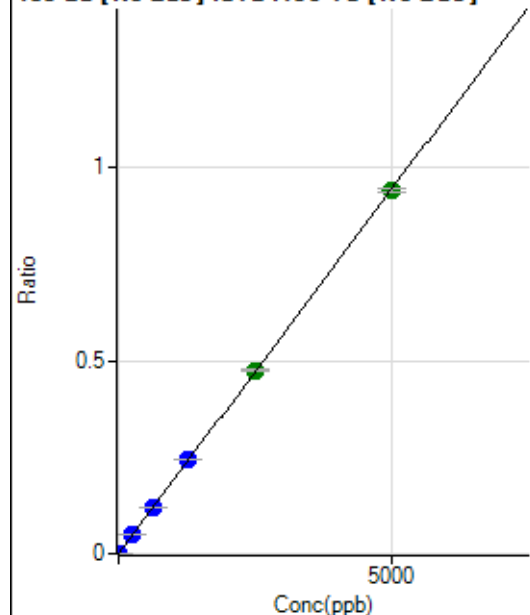
$$DL = 0.01426$$

$$BEC = 0.01072$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	25.8
2	☐	10.000	10.453	6443.41	0.0020	P	1.6
3	☐	250.000	256.536	156604.27	0.0484	P	1.6
4	☐	625.000	638.388	401256.63	0.1206	P	0.7
5	☐	1250.000	1292.243	819204.54	0.2440	P	1.1
6	☐	2500.000	2514.753	1615955.16	0.4749	A	0.6
7	☐	5000.000	4980.062	3171951.50	0.9404	A	1.0
8	☐			5809.78	0.0018	P	1.3

$$y = 1.8883\text{E-}004 * x + 6.0666\text{E-}006$$

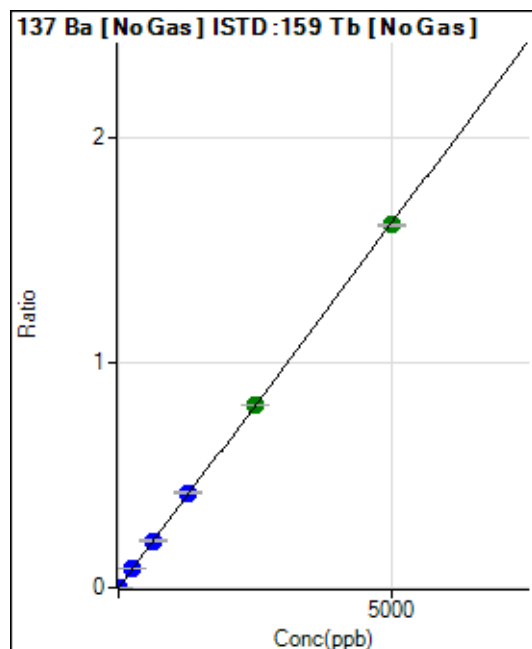
$$R = 1.0000$$

$$DL = 0.02483$$

$$BEC = 0.03213$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.0
2	☐	10.000	10.372	10971.44	0.0034	P	2.7
3	☐	250.000	261.447	273945.68	0.0847	P	1.6
4	☐	625.000	644.471	695282.18	0.2089	P	1.5
5	☐	1250.000	1305.594	1420568.51	0.4232	P	1.2
6	☐	2500.000	2509.551	2768242.25	0.8134	A	0.6
7	☐	5000.000	4978.319	5442556.07	1.6136	A	0.7
8	☐			10223.57	0.0031	P	1.1

$$y = 3.2411\text{E-}004 * x + 9.5078\text{E-}006$$

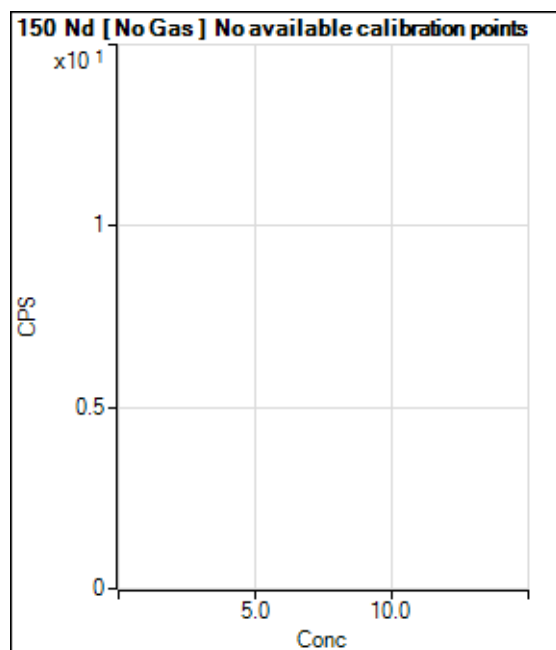
$$R = 0.9999$$

$$DL = 0.01316$$

$$BEC = 0.02933$$

Weight: <None>

Min Conc: 0



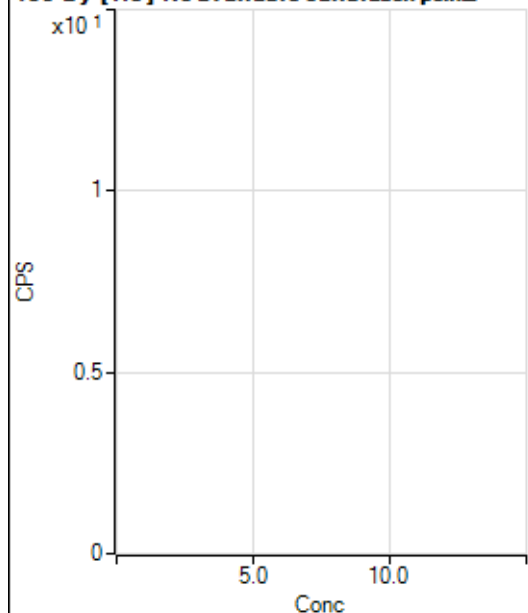
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐			6.67		P	100.0
3	☐			15.55		P	24.8
4	☐			13.34		P	86.6
5	☐			17.78		P	43.3
6	☐			48.89		P	47.9
7	☐			104.45		P	9.7
8	☐			48.89		P	41.7

150 Nd [He] No available calibration points

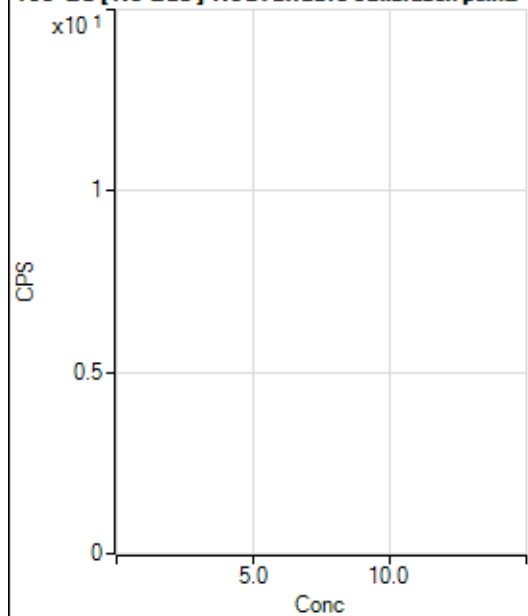
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			7.78		P	49.5
5	☐			3.33		P	173.2
6	☐			11.11		P	75.5
7	☐			4.45		P	86.6
8	☐			18.89		P	71.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐			8.33		P	100.0
3	☐			25.00		P	33.3
4	☐			19.44		P	89.2
5	☐			16.67		P	100.0
6	☐			47.22		P	44.4
7	☐			58.34		P	79.5
8	☐			183.34		P	29.8

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			2.22		P	86.6
3	☐			2.22		P	173.2
4	☐			7.78		P	24.7
5	☐			4.44		P	43.4
6	☐			15.55		P	24.8
7	☐			14.45		P	26.7
8	☐			112.23		P	22.3

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

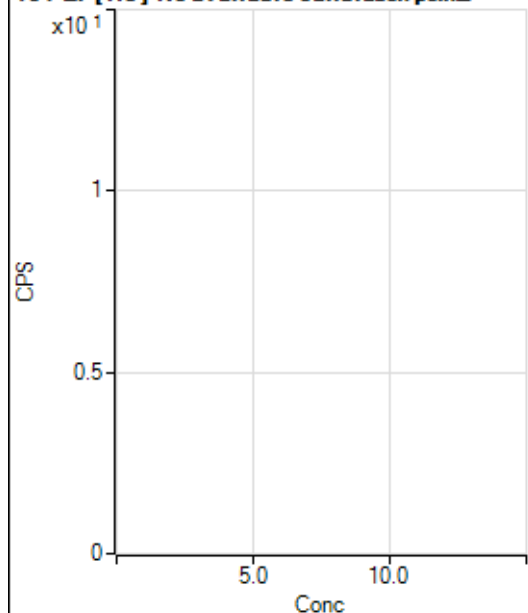
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐			22.22		P	57.3
3	☐			36.11		P	35.3
4	☐			41.67		P	60.0
5	☐			30.55		P	15.7
6	☐			55.56		P	31.2
7	☐			94.45		P	10.2
8	☐			216.67		P	11.5

160 Gd [He] No available calibration points

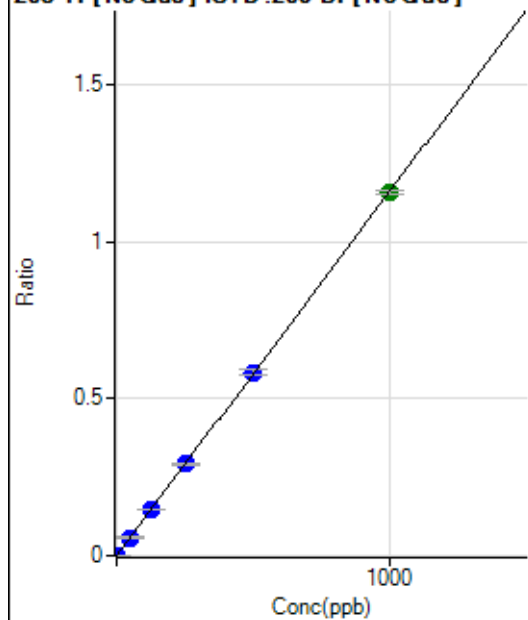
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	72.1
2	☐			12.22		P	83.3
3	☐			14.44		P	70.5
4	☐			13.33		P	25.0
5	☐			13.33		P	50.0
6	☐			17.78		P	54.1
7	☐			41.11		P	12.4
8	☐			108.89		P	7.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			16.67		P	86.6
3	☐			25.00		P	33.3
4	☐			25.00		P	88.2
5	☐			16.67		P	50.0
6	☐			19.44		P	65.5
7	☐			22.22		P	21.6
8	☐			41.67		P	34.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	45.8
2	☐			10.00		P	33.3
3	☐			5.56		P	91.6
4	☐			13.33		P	43.3
5	☐			17.78		P	92.5
6	☐			6.67		P	50.0
7	☐			10.00		P	57.8
8	☐			24.44		P	7.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	72.23	0.0000	P	26.6
2	☐	1.000	0.913	2089.12	0.0011	P	4.6
3	☐	50.000	50.109	108263.55	0.0582	P	1.3
4	☐	125.000	127.332	279969.51	0.1478	P	1.6
5	☐	250.000	252.171	569111.25	0.2926	P	2.0
6	☐	500.000	504.185	1148896.26	0.5851	P	3.0
7	☐	1000.000	997.068	2227019.86	1.1570	A	1.0
8	☐			1069.53	0.0006	P	11.3

$$y = 0.0012 * x + 3.9012E-005$$

$$R = 1.0000$$

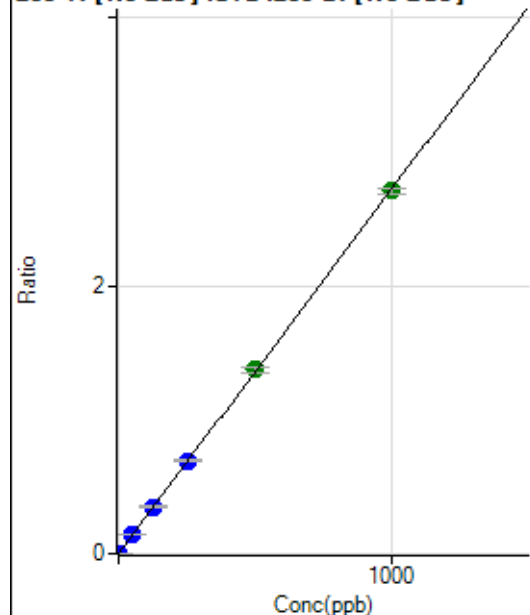
$$DL = 0.02684$$

$$BEC = 0.03362$$

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	219.45	0.0001	P	18.1
2	☐	1.000	1.029	5543.02	0.0029	P	1.0
3	☐	50.000	50.530	255762.31	0.1375	P	1.4
4	☐	125.000	128.632	662567.36	0.3497	P	1.2
5	☐	250.000	255.555	1351044.42	0.6947	P	1.0
6	☐	500.000	504.762	2694704.99	1.3720	A	2.9
7	☐	1000.000	995.750	5209362.44	2.7065	A	1.6
8	☐			2283.61	0.0012	P	11.6

$$y = 0.0027 * x + 1.1856E-004$$

$$R = 1.0000$$

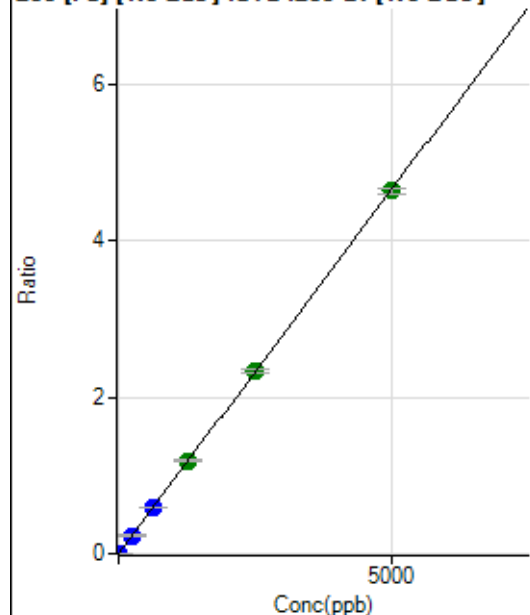
$$DL = 0.02371$$

$$BEC = 0.04362$$

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	175.93	0.0001	P	11.9
2	☐	1.000	1.004	1955.73	0.0010	P	8.1
3	☐	250.000	250.013	432575.86	0.2325	P	0.8
4	☐	625.000	630.757	1110990.16	0.5864	P	1.0
5	☐	1250.000	1280.213	2314615.91	1.1902	A	1.1
6	☐	2500.000	2516.300	4593260.61	2.3392	A	2.4
7	☐	5000.000	4983.577	8916847.94	4.6328	A	1.5
8	☐			9162.65	0.0050	P	3.1

$$y = 9.2960E-004 * x + 9.5095E-005$$

$$R = 1.0000$$

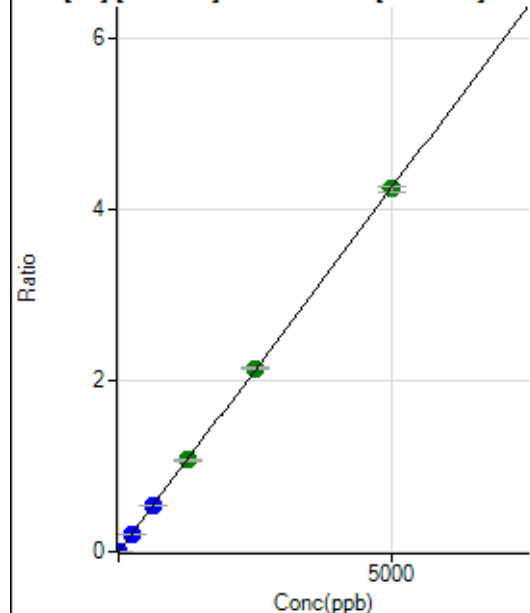
$$DL = 0.0365$$

$$BEC = 0.1023$$

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	159.26	0.0001	P	18.4
2	☐	1.000	0.971	1735.34	0.0009	P	2.9
3	☐	250.000	249.678	395579.15	0.2126	P	0.2
4	☐	625.000	625.996	1009551.90	0.5329	P	1.5
5	☐	1250.000	1265.317	2094795.43	1.0771	A	1.6
6	☐	2500.000	2515.776	4206337.88	2.1415	A	1.0
7	☐	5000.000	4988.174	8172503.25	4.2460	A	1.6
8	☐			8097.12	0.0044	P	3.5

$$y = 8.5119\text{E-}004 * x + 8.5943\text{E-}005$$

$$R = 1.0000$$

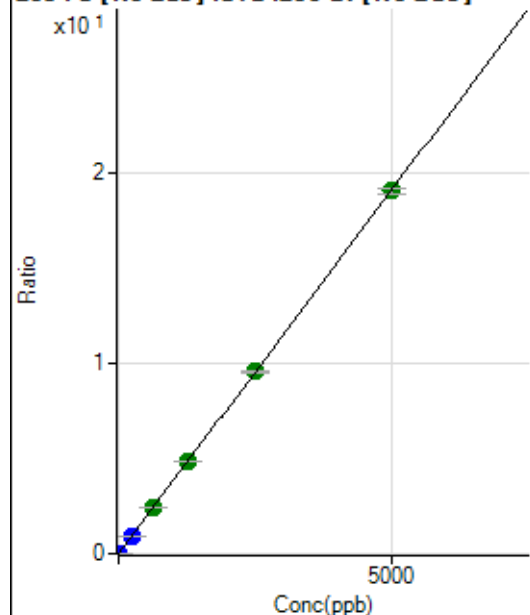
$$DL = 0.05579$$

$$BEC = 0.101$$

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	742.62	0.0004	P	6.8
2	☐	1.000	0.965	7758.46	0.0041	P	2.5
3	☐	250.000	249.737	1771654.15	0.9523	P	1.0
4	☐	625.000	633.088	4571901.06	2.4134	A	1.2
5	☐	1250.000	1267.251	9394168.05	4.8304	A	1.0
6	☐	2500.000	2506.706	18767136.56	9.5545	A	1.3
7	☐	5000.000	4991.336	36617789.37	19.0244	A	1.3
8	☐			37431.27	0.0203	P	1.8

$$y = 0.0038 * x + 4.0119\text{E-}004$$

$$R = 1.0000$$

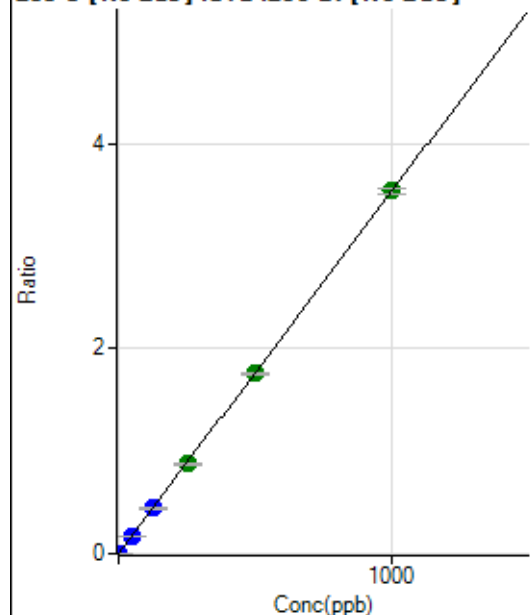
$$DL = 0.0214$$

$$BEC = 0.1053$$

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	44.44	0.0000	P	42.5
2	☐	1.000	0.952	6432.38	0.0034	P	2.9
3	☐	50.000	49.240	323390.10	0.1738	P	2.0
4	☐	125.000	124.878	835236.79	0.4408	P	0.4
5	☐	250.000	248.549	1706229.07	0.8774	A	2.4
6	☐	500.000	497.145	3446903.03	1.7549	A	0.9
7	☐	1000.000	1001.843	6806670.20	3.5364	A	1.5
8	☐			813.94	0.0004	P	1.7

$$y = 0.0035 * x + 2.3957E-005$$

$$R = 1.0000$$

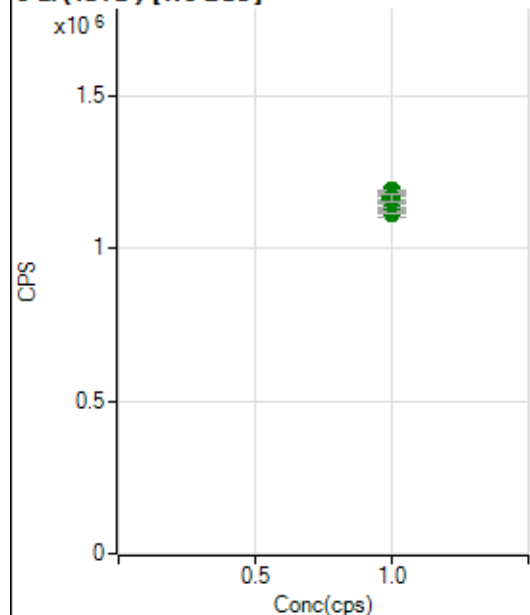
$$DL = 0.008648$$

$$BEC = 0.006787$$

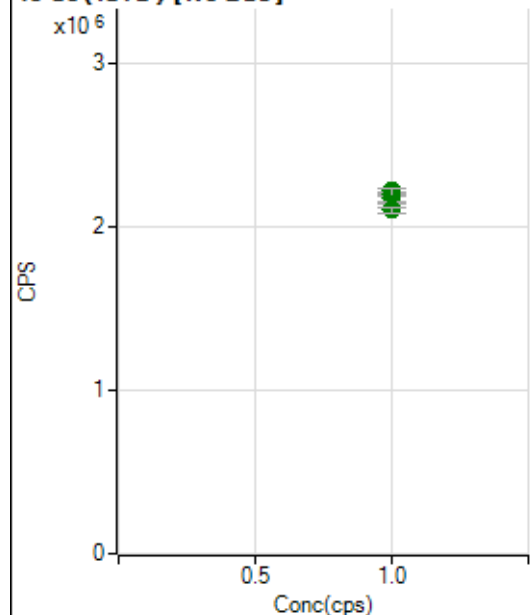
Weight: <None>

Min Conc: 0

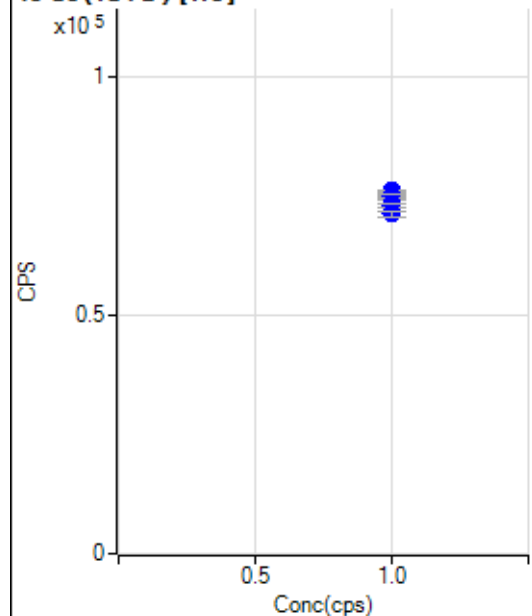
6 Li (ISTD) [No Gas]



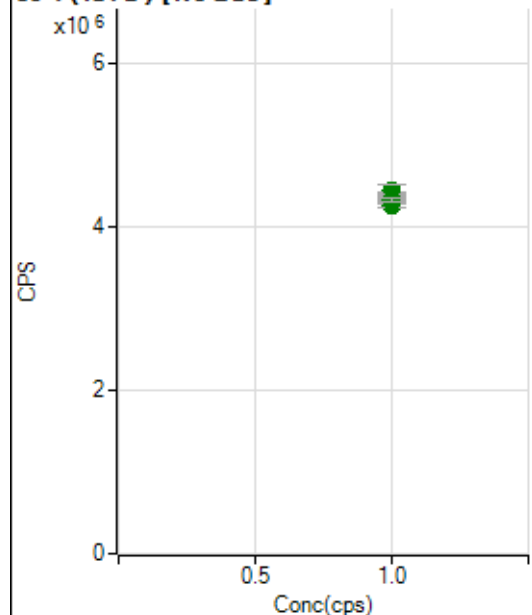
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1117046.79		A	2.2
2	☐	1.000		1121243.33		A	0.5
3	☐	1.000		1145303.57		A	2.1
4	☐	1.000		1148742.93		A	2.3
5	☐	1.000		1163478.23		A	1.2
6	☐	1.000		1172272.23		A	3.7
7	☐	1.000		1190093.41		A	0.7
8	☐	1.000		1166206.83		A	2.2

45 Sc (ISTD) [No Gas]

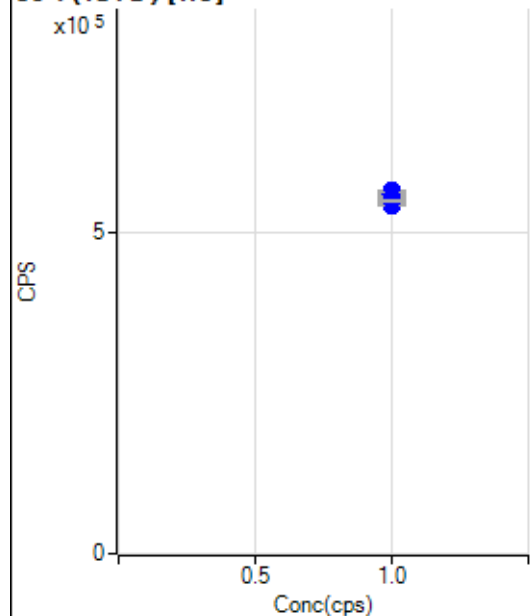
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2151933.72		A	0.3
2	☐	1.000		2152815.96		A	0.1
3	☐	1.000		2181516.70		A	2.3
4	☐	1.000		2199589.03		A	1.4
5	☐	1.000		2219173.20		A	1.4
6	☐	1.000		2196877.95		A	3.8
7	☐	1.000		2145845.25		A	0.9
8	☐	1.000		2099982.02		A	2.0

45 Sc (ISTD) [He]

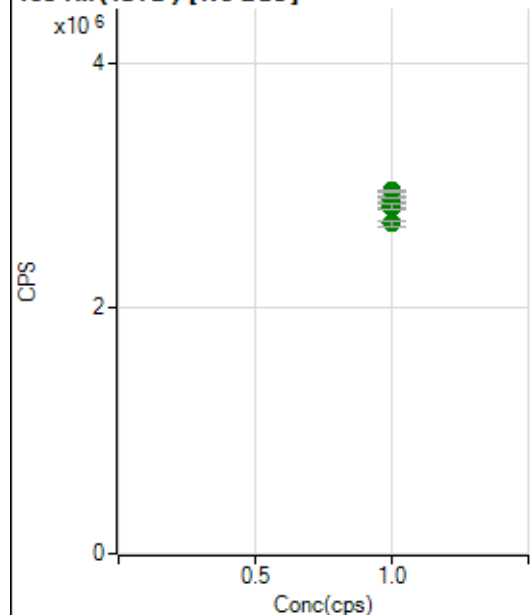
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		74952.90		P	1.5
2	☐	1.000		76104.55		P	0.4
3	☐	1.000		76100.05		P	0.3
4	☐	1.000		74802.06		P	0.6
5	☐	1.000		75090.22		P	0.8
6	☐	1.000		73310.11		P	0.2
7	☐	1.000		73028.79		P	1.3
8	☐	1.000		71238.67		P	1.4

89 Y (ISTD) [No Gas]

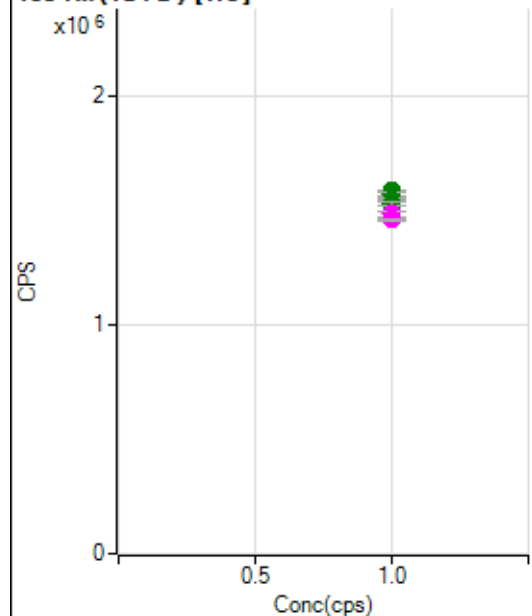
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4264628.75		A	1.2
2	☐	1.000		4351706.91		A	0.8
3	☐	1.000		4315697.40		A	0.5
4	☐	1.000		4393821.15		A	0.9
5	☐	1.000		4420881.71		A	0.5
6	☐	1.000		4447808.75		A	3.6
7	☐	1.000		4399472.37		A	0.8
8	☐	1.000		4332181.25		A	1.1

89 Y (ISTD) [He]

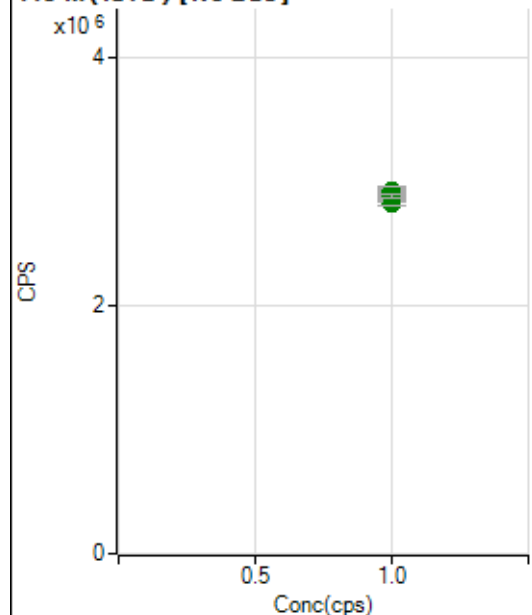
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		556400.66		P	0.5
2	☐	1.000		563151.13		P	0.9
3	☐	1.000		563480.69		P	0.5
4	☐	1.000		554926.32		P	0.2
5	☐	1.000		559073.77		P	0.8
6	☐	1.000		552663.78		P	0.6
7	☐	1.000		541979.85		P	0.6
8	☐	1.000		548149.40		P	1.0

103 Rh (ISTD) [No Gas]

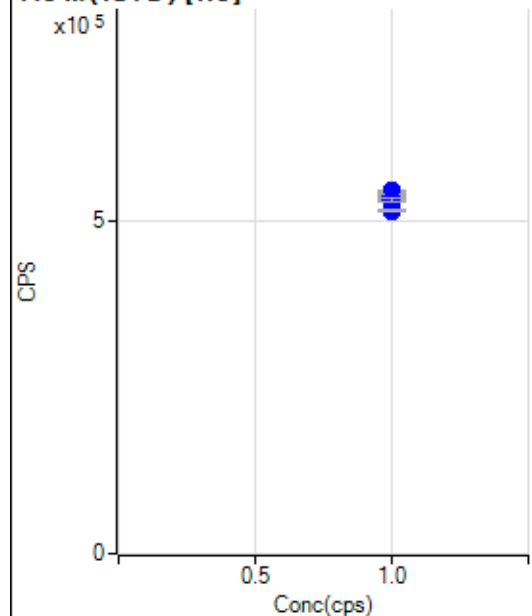
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2828661.02		A	1.7
2	☐	1.000		2886163.63		A	0.8
3	☐	1.000		2841240.23		A	1.8
4	☐	1.000		2894577.49		A	1.8
5	☐	1.000		2958568.90		A	0.5
6	☐	1.000		2860994.16		A	3.3
7	☐	1.000		2828887.80		A	1.2
8	☐	1.000		2690278.42		A	1.3

103 Rh (ISTD) [He]

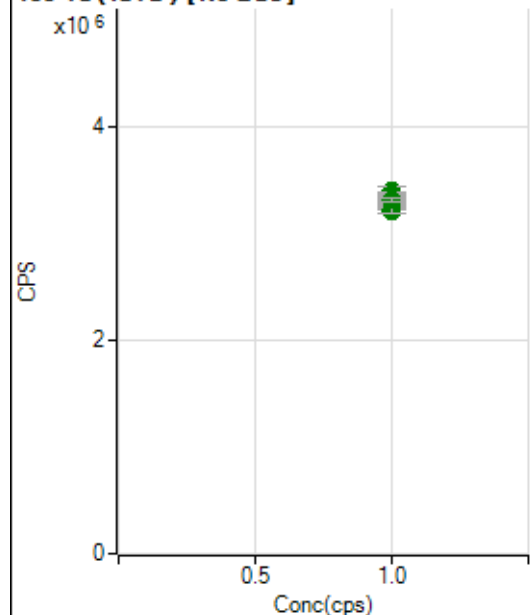
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1573247.27		A	0.9
2	☐	1.000		1587434.49		A	0.9
3	☐	1.000		1569506.21		A	1.1
4	☐	1.000		1540724.16		A	0.4
5	☐	1.000		1551224.15		A	0.5
6	☐	1.000		1531317.01		A	0.7
7	☐	1.000		1488701.61		M	1.7
8	☐	1.000		1460771.14		M	0.7

115 In (ISTD) [No Gas]

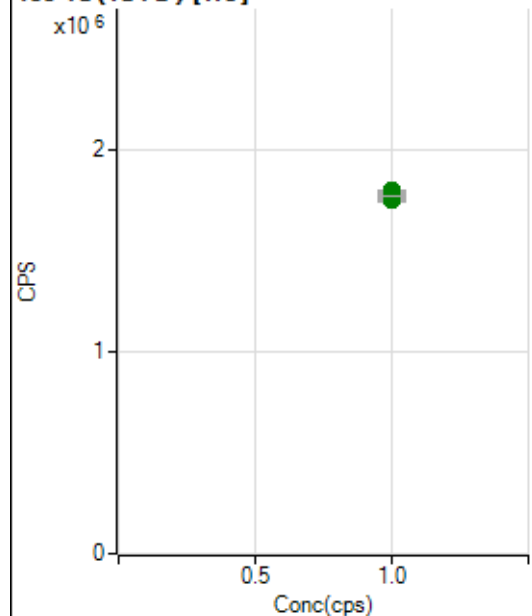
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2850175.17		A	0.9
2	☐	1.000		2874053.25		A	0.9
3	☐	1.000		2827550.25		A	1.3
4	☐	1.000		2918988.93		A	0.7
5	☐	1.000		2925075.51		A	1.3
6	☐	1.000		2911073.82		A	3.1
7	☐	1.000		2880003.77		A	0.9
8	☐	1.000		2885935.54		A	1.2

115 In (ISTD) [He]

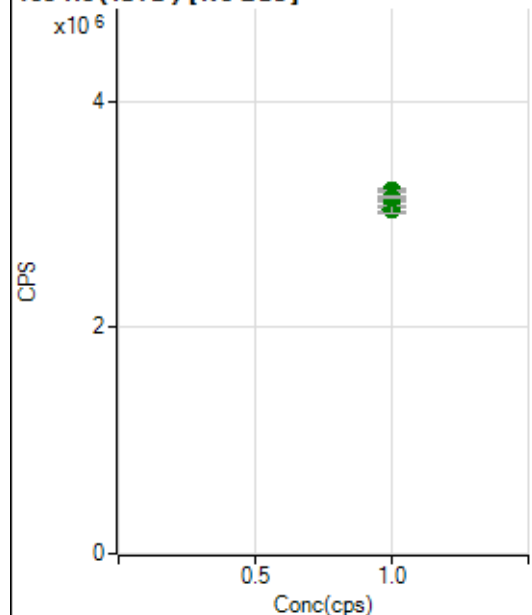
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		533829.71		P	0.6
2	☐	1.000		544851.58		P	0.7
3	☐	1.000		542508.65		P	0.2
4	☐	1.000		535262.42		P	0.3
5	☐	1.000		537019.59		P	0.8
6	☐	1.000		529069.29		P	0.6
7	☐	1.000		515267.04		P	0.1
8	☐	1.000		531603.56		P	0.9

159 Tb (ISTD) [No Gas]

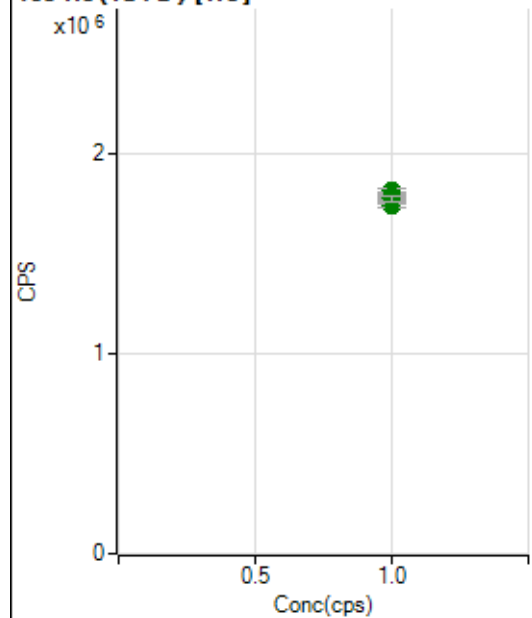
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3210774.22		A	1.3
2	☐	1.000		3254663.21		A	0.6
3	☐	1.000		3233323.25		A	2.7
4	☐	1.000		3328462.48		A	0.2
5	☐	1.000		3357198.84		A	0.9
6	☐	1.000		3403052.03		A	2.9
7	☐	1.000		3373112.35		A	0.5
8	☐	1.000		3310555.26		A	1.1

159 Tb (ISTD) [He]

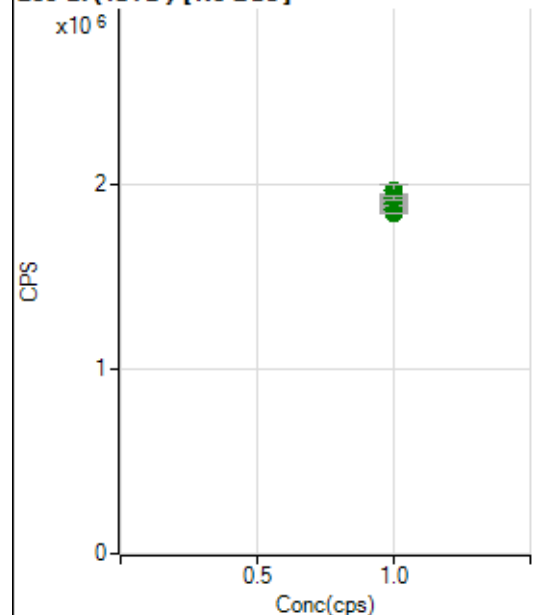
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1753920.55		A	0.8
2	☐	1.000		1794853.57		A	0.2
3	☐	1.000		1775101.26		A	0.8
4	☐	1.000		1748302.18		A	0.8
5	☐	1.000		1783552.99		A	0.6
6	☐	1.000		1761331.19		A	1.2
7	☐	1.000		1756037.39		A	0.4
8	☐	1.000		1769795.91		A	0.4

165 Ho (ISTD) [No Gas]

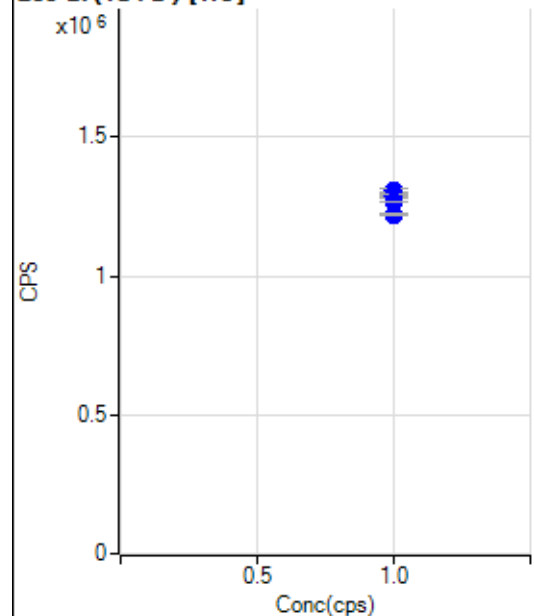
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3051928.32		A	0.9
2	☐	1.000		3121483.92		A	0.2
3	☐	1.000		3047748.27		A	2.2
4	☐	1.000		3150714.81		A	0.5
5	☐	1.000		3211116.67		A	0.8
6	☐	1.000		3198864.67		A	2.3
7	☐	1.000		3205102.37		A	0.5
8	☐	1.000		3156011.90		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1739209.90		A	1.4
2	☐	1.000		1810642.05		A	1.1
3	☐	1.000		1779263.78		A	0.5
4	☐	1.000		1766820.27		A	0.6
5	☐	1.000		1781857.51		A	1.7
6	☐	1.000		1770654.66		A	2.0
7	☐	1.000		1760934.66		A	1.2
8	☐	1.000		1771764.04		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1851262.84		A	0.8
2	☐	1.000		1901599.47		A	0.6
3	☐	1.000		1860607.37		A	1.3
4	☐	1.000		1894630.84		A	1.6
5	☐	1.000		1944832.13		A	0.6
6	☐	1.000		1964457.14		A	3.5
7	☐	1.000		1924995.72		A	1.5
8	☐	1.000		1843240.32		A	0.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1268465.50		P	0.4
2	☐	1.000		1306798.35		P	1.1
3	☐	1.000		1296169.32		P	0.5
4	☐	1.000		1286468.47		P	1.3
5	☐	1.000		1287968.42		P	0.6
6	☐	1.000		1288704.36		P	1.3
7	☐	1.000		1268958.27		P	0.2
8	☐	1.000		1220371.87		P	0.7