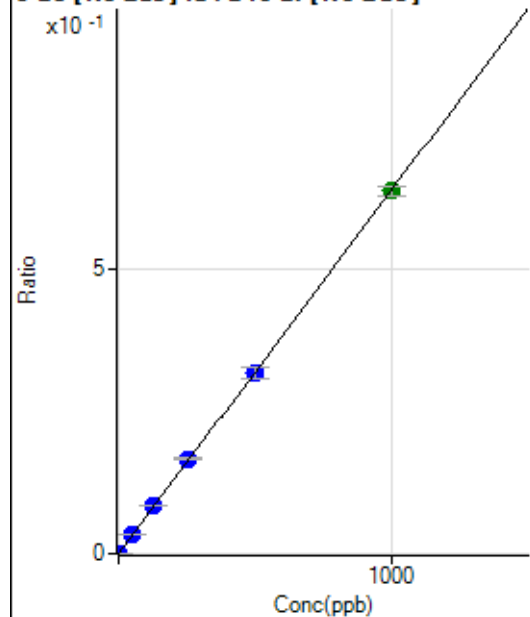


Calibration for 010CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7091823-MS.b\
 Analysis File: P7091823-MS.batch.bin
 DA Date-Time: 2023-09-18 18:16:13
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-09-18 13:22:44
2	005CAL.S.d	S02	2023-09-18 13:26:00
3	006CAL.S.d	S03	2023-09-18 13:29:16
4	007CAL.S.d	S04	2023-09-18 13:32:16
5	008CAL.S.d	S05	2023-09-18 13:35:10
6	009CAL.S.d	S06	2023-09-18 13:37:58
7	010CAL.S.d	S07	2023-09-18 13:40:46
8	011CAL.S.d	S08	2023-09-18 13:43:31

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	103.33	0.0000	P	15.
2	☐	1.000	1.103	1946.81	0.0007	P	4.2
3	☐	50.000	54.089	92080.29	0.0347	P	3.8
4	☐	125.000	132.162	226010.06	0.0847	P	2.4
5	☐	250.000	261.714	439501.85	0.1677	P	0.4
6	☐	500.000	495.890	851196.92	0.3177	P	6.1
7	☐	1000.000	998.026	1612834.87	0.6393	A	2.4
8	☐			740.03	0.0003	P	13.

$$y = 6.4050\text{E-}004 * x + 3.8616\text{E-}005$$

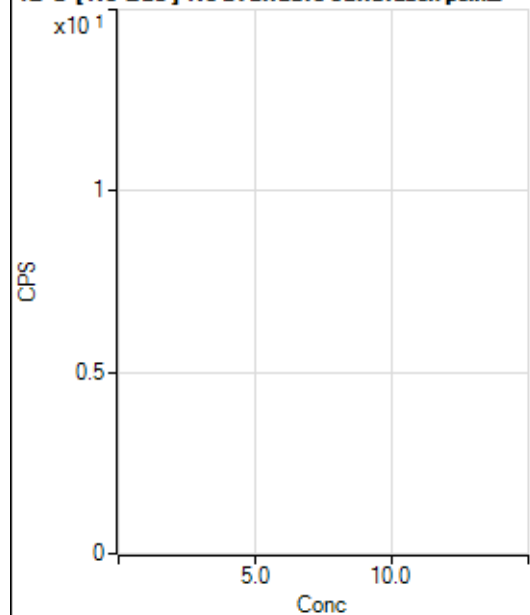
$$R = 0.9999$$

$$DL = 0.02746$$

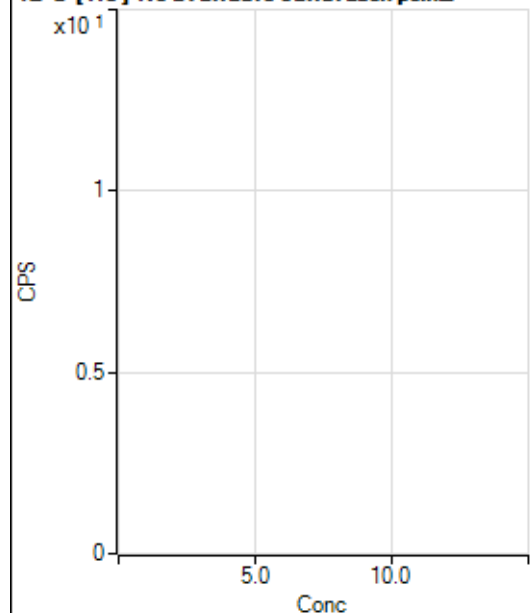
$$BEC = 0.06029$$

Weight: <None>

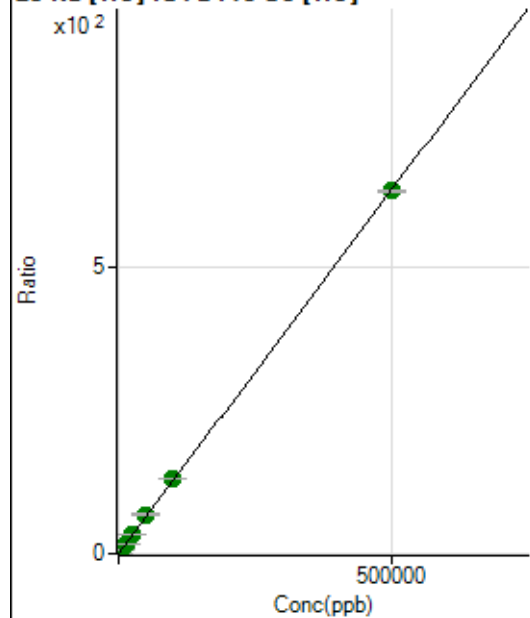
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	14915.09	0.0307	P	1.5
2	☐	500.000	487.588	317338.98	0.6480	P	0.5
3	☐	5000.000	5288.520	3228323.95	6.7260	A	0.3
4	☐	12500.000	13061.531	7856821.55	16.5668	A	0.6
5	☐	25000.000	26038.449	15350879.77	32.9959	A	0.2
6	☐	50000.000	53632.943	30729451.21	67.9311	A	4.1
7	☐	100000.00	103480.99	60521082.43	131.0398	A	0.3
8	☐	500000.00	498871.67	284439866.8	631.6129	A	0.4

$$y = 0.0013 * x + 0.0307$$

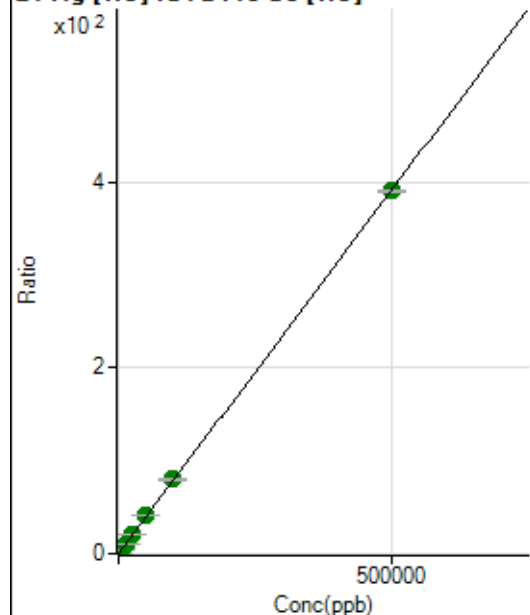
$$R = 1.0000$$

$$DL = 1.07$$

$$BEC = 24.22$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	567.79	0.0012	P	2.1
2	☐	500.000	482.301	185473.56	0.3787	P	0.6
3	☐	5000.000	5286.586	1986833.48	4.1395	A	0.1
4	☐	12500.000	12985.976	4821533.33	10.1665	A	0.5
5	☐	25000.000	25860.765	9418401.60	20.2448	A	0.9
6	☐	50000.000	53031.179	18782352.22	41.5137	A	3.6
7	☐	100000.00	101898.16	36839121.12	79.7665	A	0.9
8	☐	500000.00	499259.21	175999212.9	390.8186	A	0.5

$$y = 7.8279E-004 * x + 0.0012$$

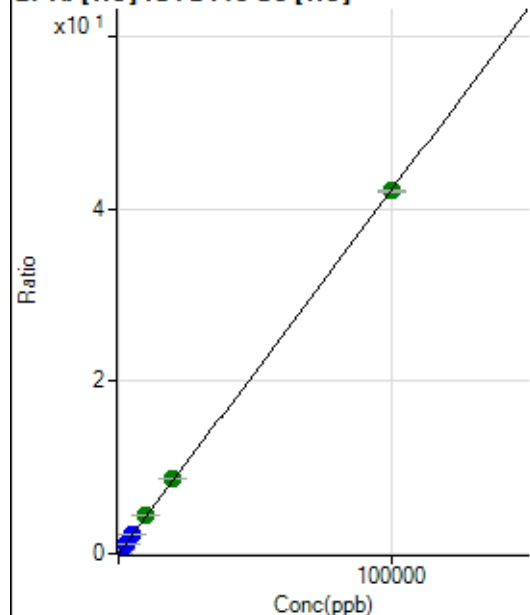
$$R = 1.0000$$

$$DL = 0.09436$$

$$BEC = 1.491$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0007	P	12.
2	☐	20.000	21.598	4803.02	0.0098	P	1.5
3	☐	1000.000	1078.881	219037.83	0.4564	P	0.2
4	☐	2500.000	2644.049	529933.68	1.1174	P	0.3
5	☐	5000.000	5321.654	1045989.59	2.2483	P	0.6
6	☐	10000.000	10600.267	2025409.67	4.4778	A	4.5
7	☐	20000.000	20594.347	4017527.82	8.6988	A	1.2
8	☐	100000.00	99800.631	18982683.61	42.1520	A	0.5

$$y = 4.2236E-004 * x + 6.8489E-004$$

$$R = 1.0000$$

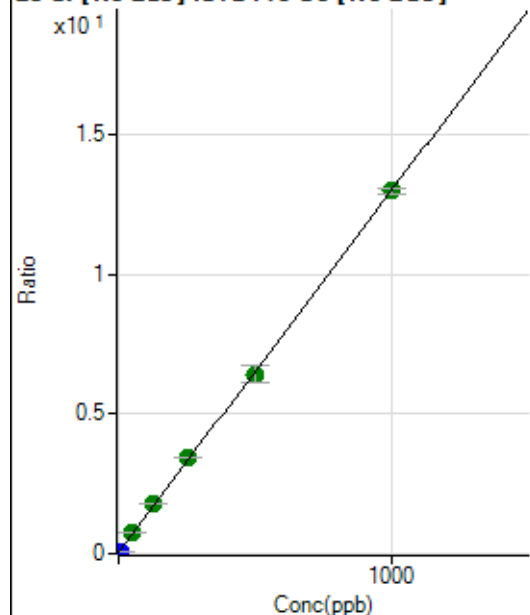
$$DL = 0.5938$$

$$BEC = 1.622$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	290078.75	0.0480	P	1.5
2	☐	10.000	0.923	352389.07	0.0599	P	3.7
3	☐	50.000	54.858	4486142.40	0.7575	A	3.4
4	☐	125.000	133.637	10460206.86	1.7764	A	0.5
5	☐	250.000	261.700	19770595.82	3.4328	A	1.1
6	☐	500.000	492.550	37826673.88	6.4187	A	9.5
7	☐	1000.000	999.568	72963459.47	12.9766	A	1.5
8	☐			475933.13	0.0852	P	2.7

$$y = 0.0129 * x + 0.0480$$

$$R = 0.9998$$

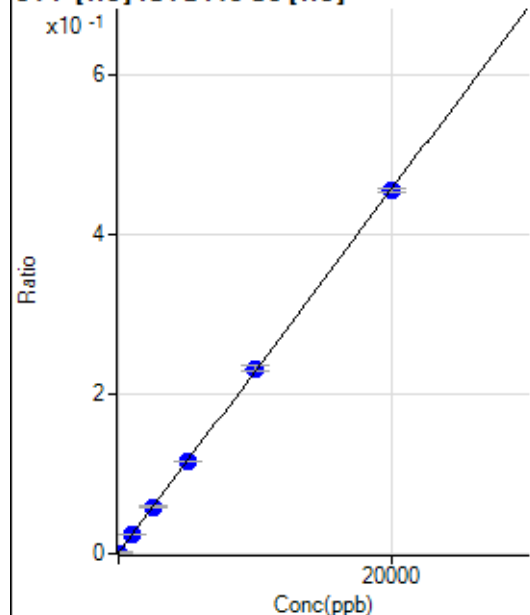
$$DL = 0.1645$$

$$BEC = 3.708$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-8.229	398.90	0.0008	P	15.
2	☐	0.000	8.229	585.57	0.0012	P	2.6
3	☐	1000.000	1001.752	11445.47	0.0238	P	2.1
4	☐	2500.000	2543.384	27976.69	0.0590	P	2.1
5	☐	5000.000	5052.311	54054.00	0.1162	P	0.9
6	☐	10000.000	10158.036	105235.23	0.2326	P	3.1
7	☐	20000.000	19902.393	210012.95	0.4547	P	0.9
8	☐			474.45	0.0011	P	3.9

$$y = 2.2798E-005 * x + 0.0010$$

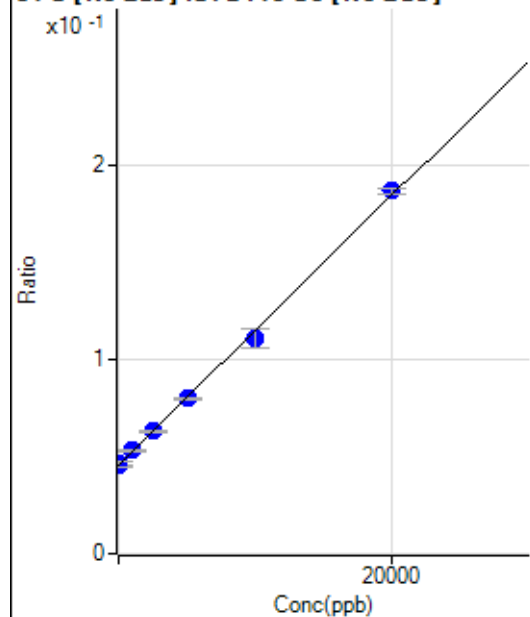
$$R = 0.9999$$

$$DL = 10.6$$

$$BEC = 44.22$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-38.685	276196.46	0.0457	P	0.4
2	☐	0.000	38.685	271706.31	0.0462	P	4.9
3	☐	1000.000	1055.321	315373.31	0.0532	P	2.0
4	☐	2500.000	2455.045	370592.73	0.0629	P	0.2
5	☐	5000.000	4896.289	459910.97	0.0799	P	0.5
6	☐	10000.000	9354.332	652734.30	0.1107	P	9.2
7	☐	20000.000	20351.615	1051112.12	0.1869	P	1.4
8	☐			239640.87	0.0429	P	2.6

$$y = 6.9289\text{E-}006 * x + 0.0459$$

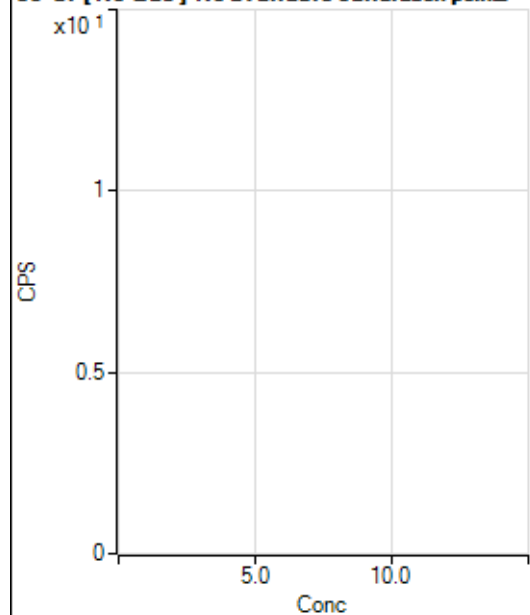
R = 0.9992

DL = 525

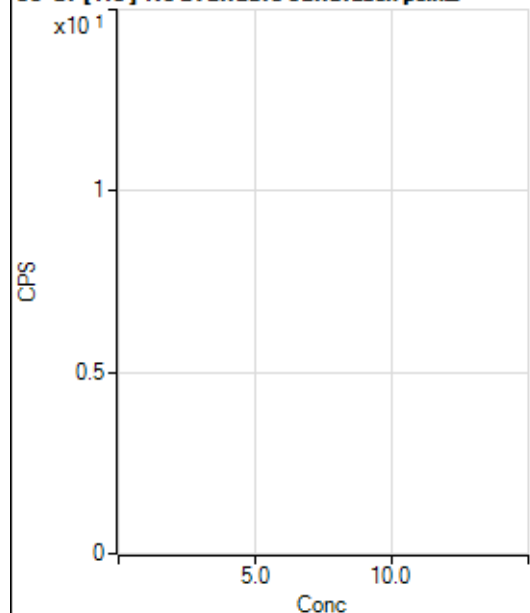
BEC = 6628

Weight: <None>

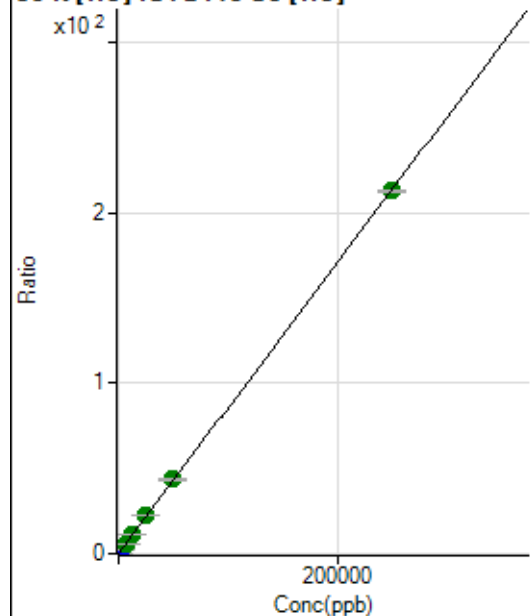
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63115.63	0.1297	P	1.3
2	☐	500.000	485.344	266297.17	0.5437	P	0.3
3	☐	2500.000	2725.669	1178182.60	2.4547	P	0.6
4	☐	6250.000	6434.614	2664433.75	5.6184	A	0.9
5	☐	12500.000	12774.344	5129791.17	11.0260	A	0.4
6	☐	25000.000	26093.363	10130069.78	22.3869	A	2.7
7	☐	50000.000	51076.830	20180799.70	43.6974	A	1.0
8	☐	250000.00	249654.73	95958853.02	213.0811	A	0.7

$$y = 8.5298\text{E-}004 * x + 0.1297$$

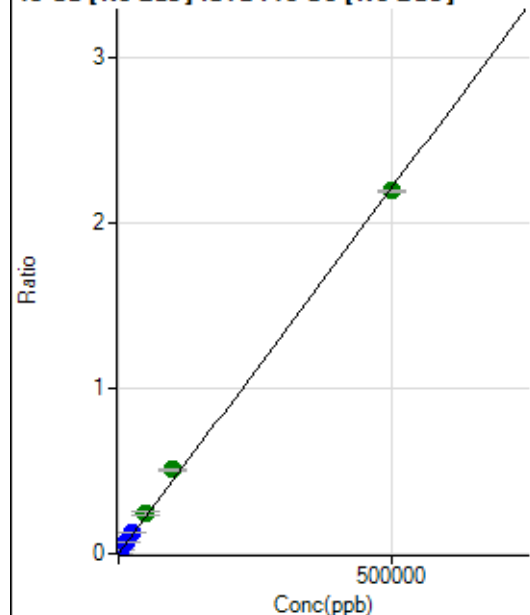
$$R = 1.0000$$

$$DL = 6.024$$

$$BEC = 152.1$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	744.47	0.0001	P	3.1
2	☐	500.000	489.367	13437.16	0.0023	P	2.9
3	☐	5000.000	5950.623	156318.80	0.0264	P	2.6
4	☐	12500.000	14593.146	380027.73	0.0645	P	1.4
5	☐	25000.000	29132.389	741315.20	0.1287	P	1.7
6	☐	50000.000	54324.627	1414991.23	0.2399	A	8.4
7	☐	100000.00	114525.74	2843307.88	0.5057	A	2.0
8	☐	500000.00	496393.94	12240562.32	2.1914	A	0.6

$$y = 4.4143\text{E-}006 * x + 1.2305\text{E-}004$$

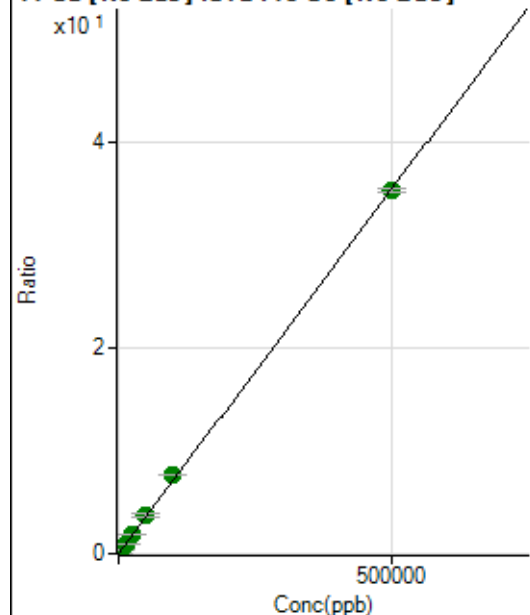
$$R = 0.9995$$

$$DL = 2.573$$

$$BEC = 27.88$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14653.83	0.0024	P	1.4
2	☐	500.000	497.572	221080.29	0.0376	P	4.0
3	☐	5000.000	5535.775	2331043.99	0.3935	A	2.5
4	☐	12500.000	13466.258	5616477.63	0.9539	A	0.9
5	☐	25000.000	26958.186	10983152.06	1.9071	A	1.5
6	☐	50000.000	52186.213	21755926.62	3.6895	A	8.6
7	☐	100000.00	108433.15	43089663.25	7.6636	A	1.5
8	☐	500000.00	497967.32	196538174.8	35.1854	A	1.0

$$y = 7.0653\text{E-}005 * x + 0.0024$$

$$R = 0.9998$$

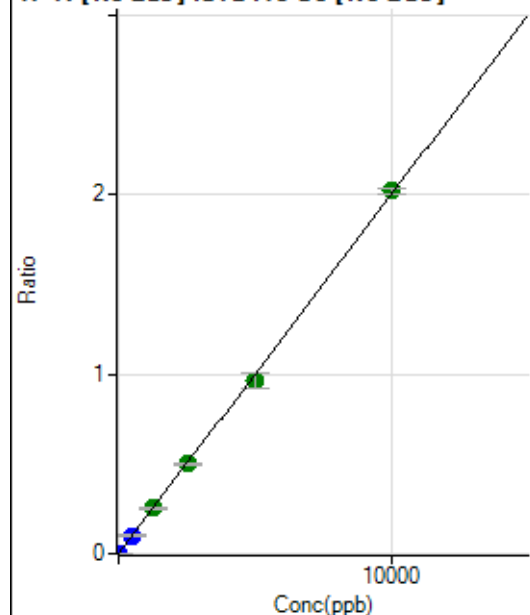
$$DL = 1.488$$

$$BEC = 34.29$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.67	0.0000	P	40.
2	☐	5.000	4.844	5800.05	0.0010	P	2.1
3	☐	500.000	504.746	599223.81	0.1012	P	3.2
4	☐	1250.000	1258.079	1484788.33	0.2522	A	0.9
5	☐	2500.000	2490.548	2874899.64	0.4992	A	1.0
6	☐	5000.000	4817.968	5692480.33	0.9657	A	9.1
7	☐	10000.000	10092.132	11372724.13	2.0227	A	1.9
8	☐			2468.01	0.0004	P	22.

$$y = 2.0042\text{E-}004 * x + 1.4349\text{E-}005$$

$$R = 0.9998$$

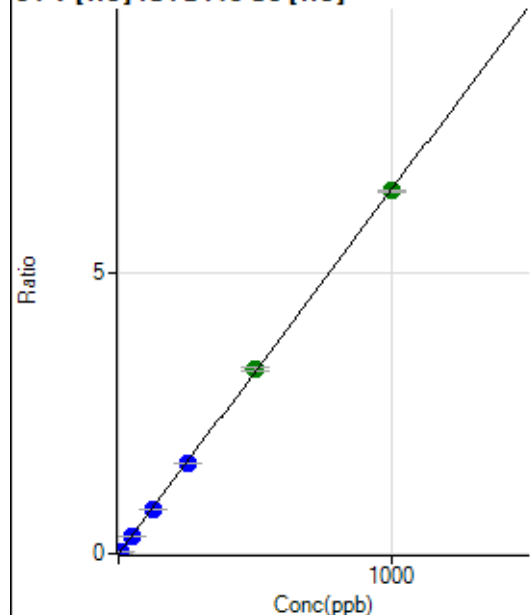
$$DL = 0.08763$$

$$BEC = 0.07159$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD:45 Sc [He]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.
2	☐	5.000	4.593	14621.62	0.0299	P	0.6
3	☐	50.000	49.970	155888.58	0.3248	P	0.5
4	☐	125.000	122.806	378544.15	0.7982	P	0.4
5	☐	250.000	248.917	752695.92	1.6179	P	0.2
6	☐	500.000	507.824	1493654.75	3.3007	A	2.4
7	☐	1000.000	996.636	2991684.36	6.4778	A	0.8
8	☐			1311.18	0.0029	P	2.4

$$y = 0.0065 * x + 4.5527\text{E-}006$$

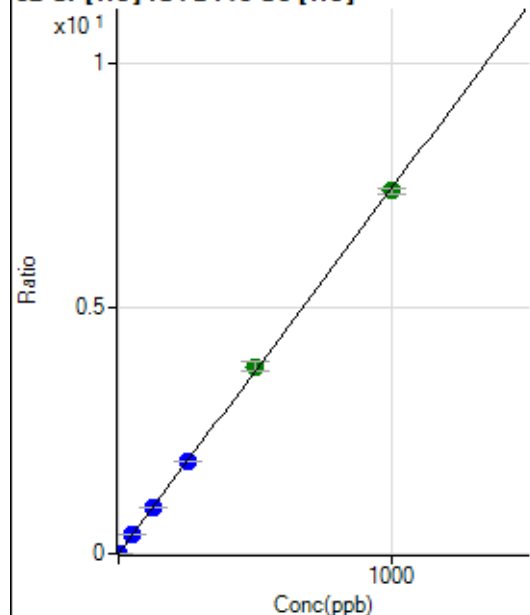
$$R = 1.0000$$

$$DL = 0.00182$$

$$BEC = 0.0007004$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1120.05	0.0023	P	5.2
2	☐	2.000	1.940	8190.07	0.0167	P	4.2
3	☐	50.000	51.170	183666.04	0.3827	P	0.6
4	☐	125.000	126.351	446487.00	0.9415	P	1.2
5	☐	250.000	252.631	874717.34	1.8802	P	0.6
6	☐	500.000	511.717	1721271.83	3.8060	A	5.1
7	☐	1000.000	993.256	3410766.34	7.3854	A	1.4
8	☐			13536.16	0.0301	P	3.0

$$y = 0.0074 * x + 0.0023$$

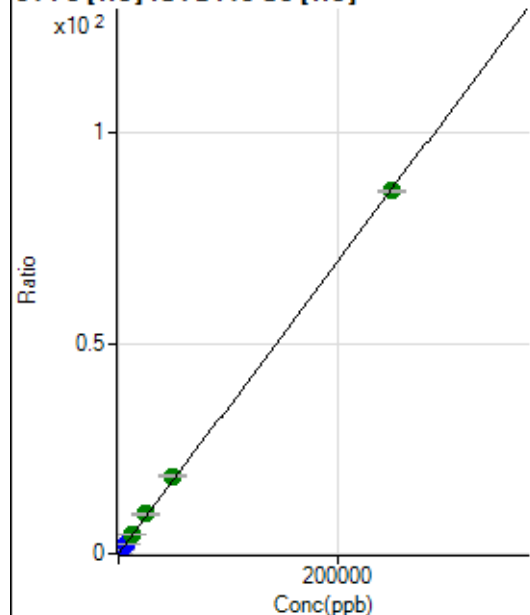
$$R = 0.9999$$

$$DL = 0.04813$$

$$BEC = 0.3097$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1813.46	0.0037	P	1.6
2	☐	50.000	53.854	10955.20	0.0224	P	2.4
3	☐	2500.000	2842.877	474111.45	0.9878	P	0.1
4	☐	6250.000	7013.113	1153087.27	2.4313	P	0.3
5	☐	12500.000	13412.959	2161838.27	4.6466	A	0.8
6	☐	25000.000	27217.813	4264573.96	9.4252	A	3.8
7	☐	50000.000	53309.522	8523782.86	18.4568	A	1.5
8	☐	250000.00	249048.15	38824194.42	86.2118	A	0.5

$$y = 3.4615E-004 * x + 0.0037$$

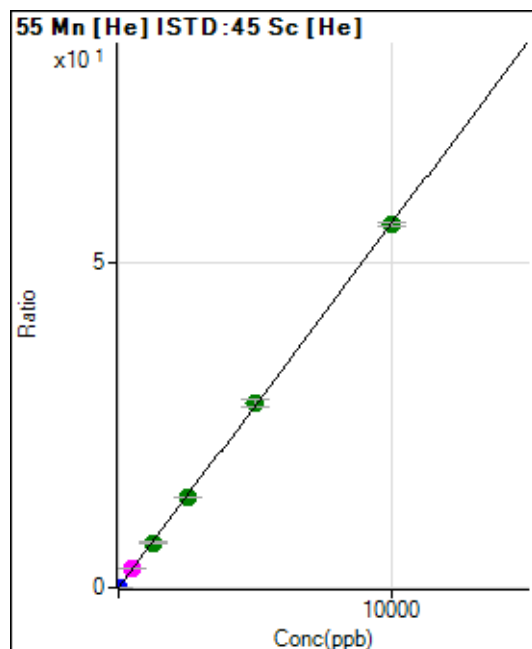
$$R = 0.9999$$

$$DL = 0.5181$$

$$BEC = 10.77$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	235.56	0.0005	P	3.1
2	☐	1.000	1.024	3042.56	0.0062	P	1.9
3	☐	500.000	511.197	1373196.25	2.8610	M	0.5
4	☐	1250.000	1239.000	3288042.21	6.9337	A	2.0
5	☐	2500.000	2492.835	6490042.54	13.9499	A	0.9
6	☐	5000.000	5081.823	12865498.56	28.4373	A	3.9
7	☐	10000.000	9961.695	25744214.62	55.7440	A	1.1
8	☐			22009.51	0.0489	P	1.0

$$y = 0.0056 * x + 4.8415E-004$$

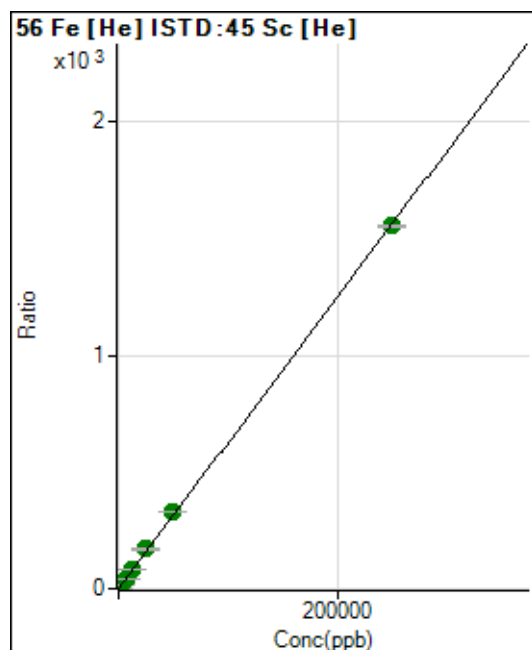
$$R = 0.9999$$

$$DL = 0.007918$$

$$BEC = 0.08652$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15156.61	0.0312	P	3.6
2	☐	50.000	52.417	175378.01	0.3581	P	0.1
3	☐	2500.000	2699.933	8097604.11	16.8710	A	0.7
4	☐	6250.000	6550.657	19390859.57	40.8884	A	0.9
5	☐	12500.000	13295.099	38594256.09	82.9543	A	0.6
6	☐	25000.000	27186.497	76718923.86	169.5965	A	4.2
7	☐	50000.000	52832.257	152201406.6	329.5522	A	0.5
8	☐	250000.00	249165.62	699880914.0	1,554.106	A	0.8

$$y = 0.0062 * x + 0.0312$$

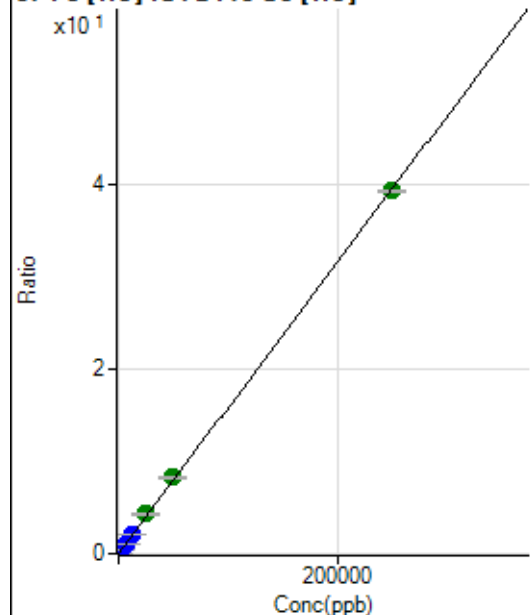
$$R = 0.9999$$

$$DL = 0.5469$$

$$BEC = 4.995$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	788.92	0.0016	P	2.7
2	☐	50.000	52.215	4823.04	0.0098	P	2.4
3	☐	2500.000	2794.561	212101.09	0.4419	P	0.8
4	☐	6250.000	6879.918	514822.58	1.0856	P	1.1
5	☐	12500.000	13794.458	1011855.45	2.1750	P	0.7
6	☐	25000.000	27257.837	1943524.68	4.2961	A	4.0
7	☐	50000.000	52190.722	3798252.16	8.2243	A	1.1
8	☐	250000.00	249252.65	17685407.24	39.2717	A	0.8

$$y = 1.5755\text{E-}004 * x + 0.0016$$

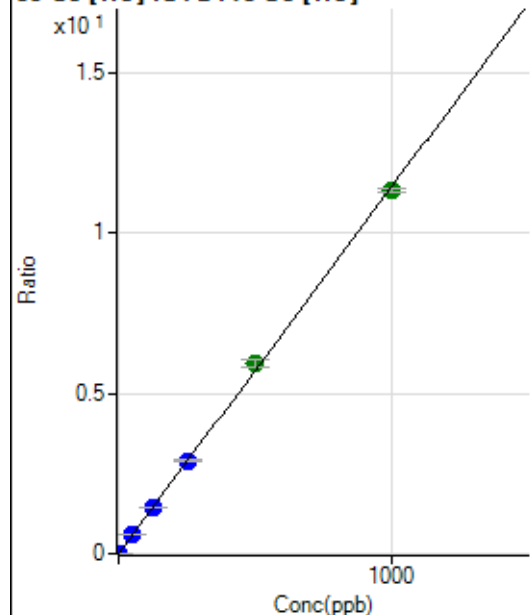
$$R = 0.9999$$

$$DL = 0.848$$

$$BEC = 10.29$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0001	P	35.
2	☐	1.000	0.953	5383.24	0.0110	P	3.8
3	☐	50.000	51.772	283987.37	0.5917	P	0.5
4	☐	125.000	127.902	693133.81	1.4616	P	0.8
5	☐	250.000	254.354	1352187.97	2.9065	P	0.5
6	☐	500.000	517.645	2675844.33	5.9150	A	3.8
7	☐	1000.000	989.638	5222558.29	11.3082	A	0.9
8	☐			15097.69	0.0335	P	1.7

$$y = 0.0114 * x + 1.0059\text{E-}004$$

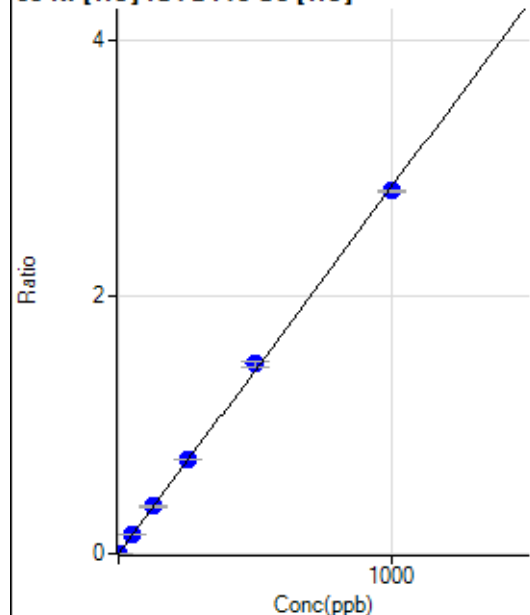
$$R = 0.9998$$

$$DL = 0.00932$$

$$BEC = 0.008804$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	165.56	0.0003	P	17.
2	☐	1.000	1.025	1600.10	0.0033	P	4.8
3	☐	50.000	53.454	73390.62	0.1529	P	0.6
4	☐	125.000	128.411	173976.92	0.3669	P	0.8
5	☐	250.000	256.937	341338.18	0.7337	P	0.7
6	☐	500.000	516.770	667528.73	1.4753	P	3.1
7	☐	1000.000	989.282	1304206.34	2.8240	P	0.8
8	☐			10356.98	0.0230	P	1.5

$$y = 0.0029 * x + 3.4053E-004$$

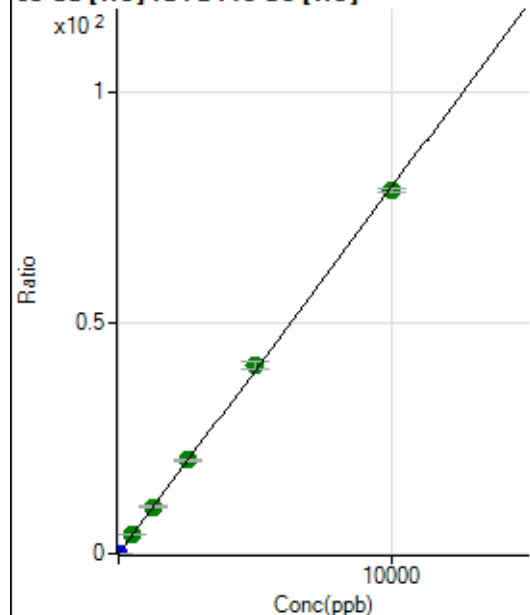
$$R = 0.9998$$

$$DL = 0.06312$$

$$BEC = 0.1193$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1200.06	0.0025	P	3.2
2	☐	2.000	1.941	8767.10	0.0179	P	2.3
3	☐	500.000	528.850	2019815.91	4.2081	A	1.0
4	☐	1250.000	1283.058	4839963.16	10.2059	A	1.3
5	☐	2500.000	2547.075	9424571.74	20.2579	A	0.6
6	☐	5000.000	5166.548	18586773.06	41.0891	A	4.1
7	☐	10000.000	9899.382	36358502.51	78.7266	A	1.0
8	☐			13096.93	0.0291	P	4.0

$$y = 0.0080 * x + 0.0025$$

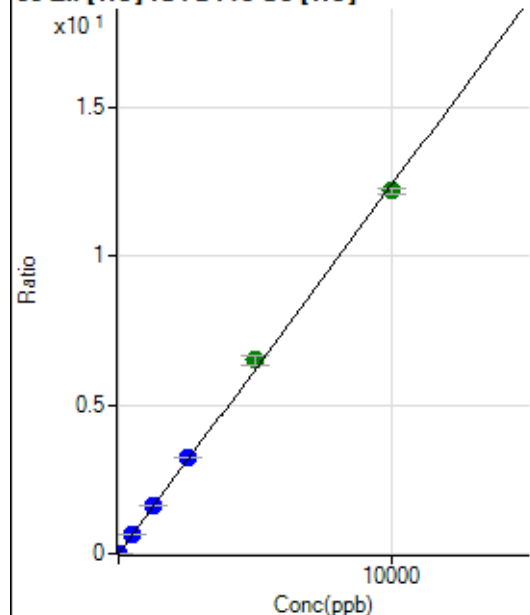
$$R = 0.9998$$

$$DL = 0.02975$$

$$BEC = 0.3102$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	451.12	0.0009	P	7.1
2	☐	2.000	2.130	1743.46	0.0036	P	4.6
3	☐	500.000	525.297	312115.25	0.6503	P	0.2
4	☐	1250.000	1301.765	763569.47	1.6101	P	1.3
5	☐	2500.000	2589.143	1489454.26	3.2015	P	0.3
6	☐	5000.000	5246.373	2934038.91	6.4863	A	4.2
7	☐	10000.000	9846.792	5621842.76	12.1731	A	1.5
8	☐			16295.63	0.0362	P	0.4

$$y = 0.0012 * x + 9.2706E-004$$

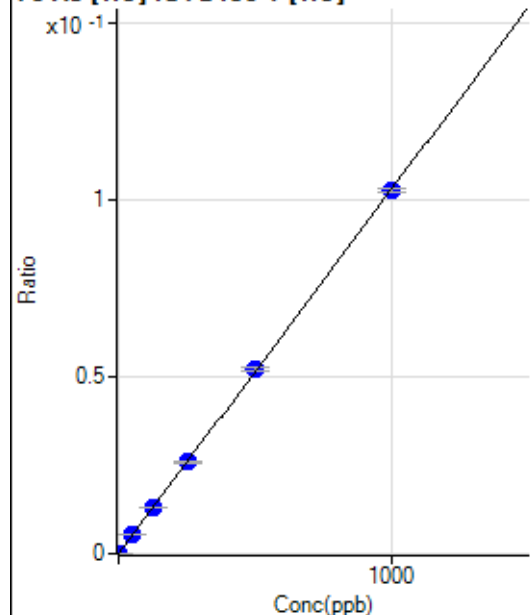
$$R = 0.9995$$

$$DL = 0.1605$$

$$BEC = 0.75$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.
2	☐	1.000	1.070	442.24	0.0001	P	11.
3	☐	50.000	50.874	20197.17	0.0052	P	2.4
4	☐	125.000	125.244	49652.71	0.0129	P	1.7
5	☐	250.000	251.184	98237.77	0.0258	P	0.5
6	☐	500.000	507.682	194558.50	0.0522	P	2.0
7	☐	1000.000	995.789	387846.05	0.1024	P	1.0
8	☐			177.78	0.0000	P	23.

$$y = 1.0288E-004 * x + 1.7025E-006$$

$$R = 1.0000$$

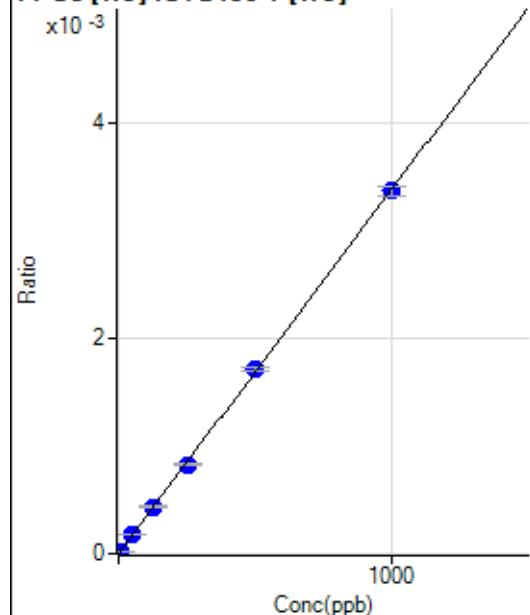
$$DL = 0.02505$$

$$BEC = 0.01655$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.325	71.11	0.0000	P	11.
3	☐	50.000	52.501	683.36	0.0002	P	7.8
4	☐	125.000	127.491	1657.89	0.0004	P	5.1
5	☐	250.000	245.553	3149.26	0.0008	P	3.0
6	☐	500.000	507.497	6378.10	0.0017	P	2.9
7	☐	1000.000	996.925	12732.22	0.0034	P	2.9
8	☐			51.11	0.0000	P	31.

$$y = 3.3739\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

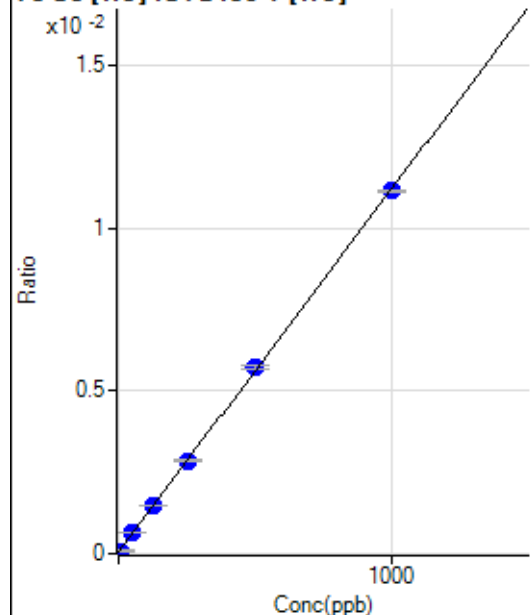
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0000	P	10.
2	☐	5.000	3.261	341.12	0.0001	P	6.7
3	☐	50.000	53.191	2480.23	0.0006	P	1.0
4	☐	125.000	129.906	5773.41	0.0015	P	0.8
5	☐	250.000	251.718	10857.38	0.0029	P	2.2
6	☐	500.000	507.532	21264.25	0.0057	P	2.0
7	☐	1000.000	995.041	42193.31	0.0111	P	0.5
8	☐			385.57	0.0001	P	3.9

$$y = 1.1150\text{E-}005 * x + 4.9836\text{E-}005$$

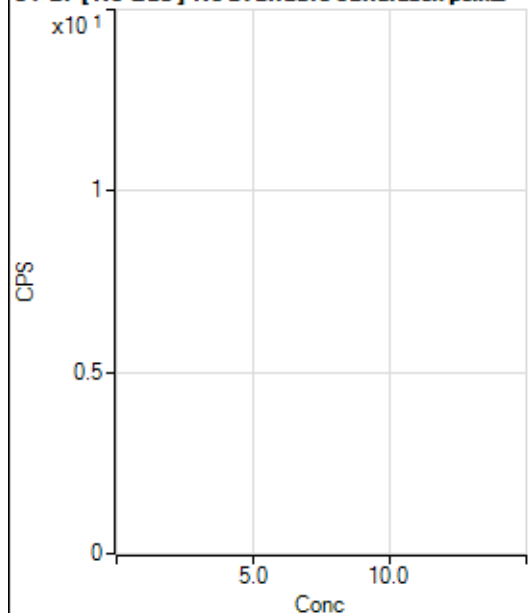
$$R = 0.9999$$

$$DL = 1.386$$

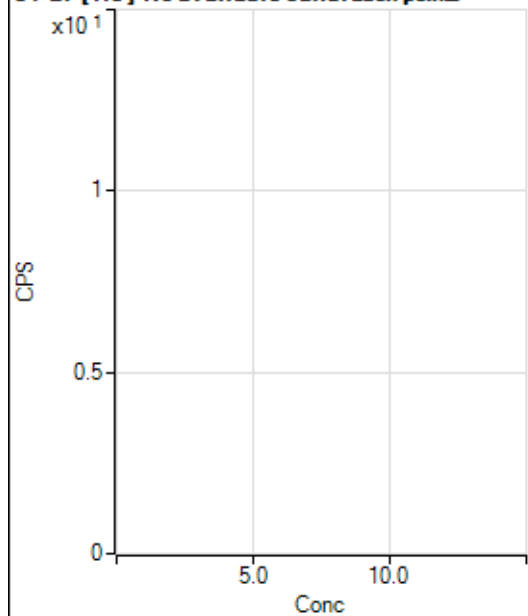
$$BEC = 4.47$$

Weight: <None>

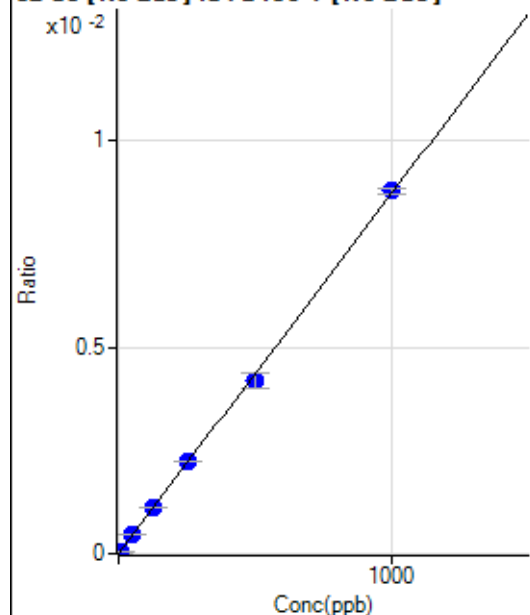
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26739.90		P	1.3
2	☐			26512.78		P	1.6
3	☐			26452.75		P	1.7
4	☐			25325.15		P	1.4
5	☐			25198.37		P	2.9
6	☐			25075.93		P	2.7
7	☐			25937.31		P	1.0
8	☐			29202.35		P	1.8

81 Br [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	20.
2	☐			181.12		P	13.
3	☐			91.11		P	30.
4	☐			86.67		P	13.
5	☐			131.12		P	29.
6	☐			117.78		P	6.5
7	☐			140.00		P	13.
8	☐			558.90		P	10.

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.80	0.0000	P	36.
2	☐	5.000	4.944	808.18	0.0000	P	5.7
3	☐	50.000	53.060	8338.77	0.0005	P	2.4
4	☐	125.000	129.731	20189.31	0.0011	P	0.4
5	☐	250.000	255.237	39825.32	0.0022	P	0.3
6	☐	500.000	480.496	77141.84	0.0042	P	8.5
7	☐	1000.000	1007.699	152800.85	0.0088	P	1.5
8	☐			933.59	0.0001	P	5.0

$$y = 8.7167\text{E-}006 * x + 2.7310\text{E-}006$$

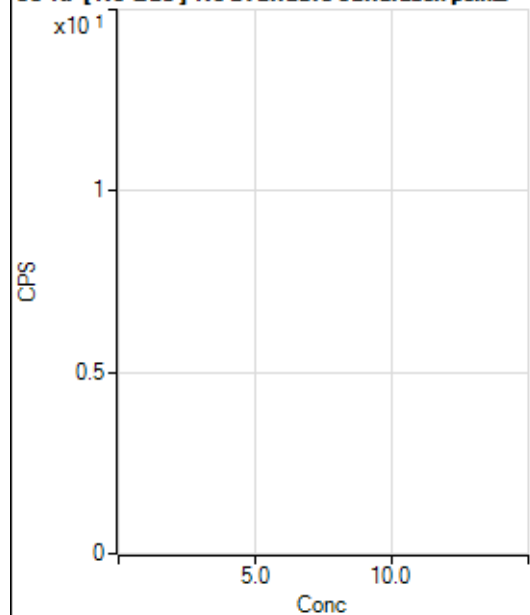
$$R = 0.9997$$

$$DL = 0.3423$$

$$BEC = 0.3133$$

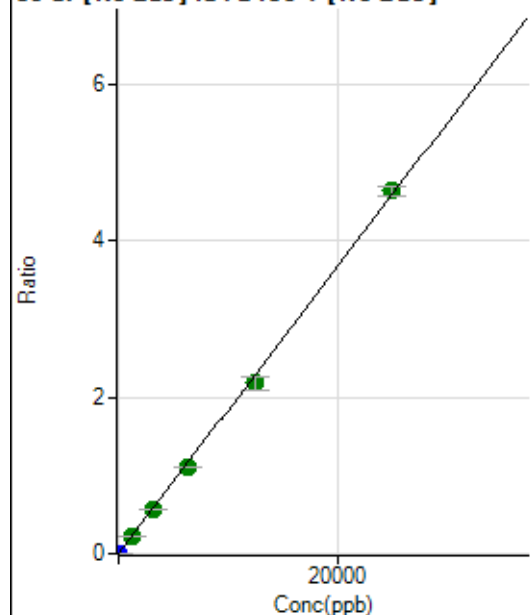
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			157.78		P	4.9
2	☐			128.89		P	23.
3	☐			134.45		P	7.6
4	☐			137.78		P	18.
5	☐			148.89		P	5.6
6	☐			138.89		P	2.8
7	☐			182.23		P	17.
8	☐			205.56		P	6.8

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	257.78	0.0000	P	15.
2	☐	1.000	0.924	3235.94	0.0002	P	7.5
3	☐	1250.000	1256.233	4127852.09	0.2303	A	2.2
4	☐	3125.000	3120.343	10188424.78	0.5720	A	0.5
5	☐	6250.000	6085.928	19946950.68	1.1157	A	0.2
6	☐	12500.000	11937.464	40294758.29	2.1884	A	7.9
7	☐	25000.000	25322.556	80722720.47	4.6422	A	2.3
8	☐			19192.56	0.0012	P	26.

$$y = 1.8332\text{E-}004 * x + 1.4342\text{E-}005$$

$$R = 0.9996$$

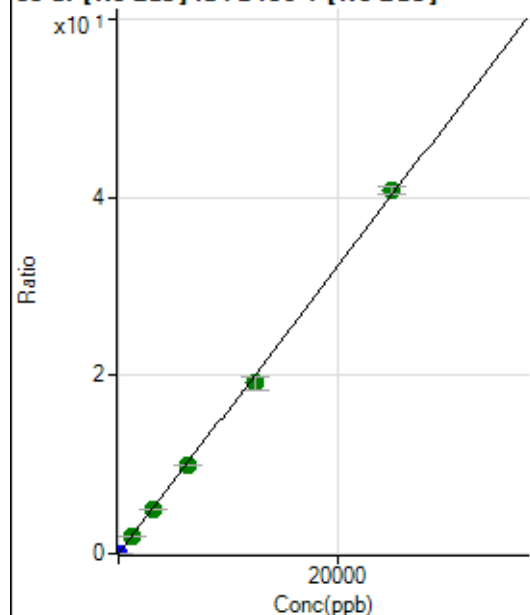
$$DL = 0.03517$$

$$BEC = 0.07823$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.12	0.0000	P	19.
2	☐	1.000	0.935	26716.56	0.0015	P	3.5
3	☐	1250.000	1254.698	36202271.13	2.0198	A	1.8
4	☐	3125.000	3112.924	89252167.56	5.0112	A	0.6
5	☐	6250.000	6148.687	176964584.0	9.8981	A	0.7
6	☐	12500.000	11902.404	352793612.5	19.1605	A	8.0
7	☐	25000.000	25325.401	708939456.1	40.7687	A	2.1
8	☐			189261.27	0.0114	P	42.

$$y = 0.0016 * x + 1.1204\text{E-}005$$

$$R = 0.9996$$

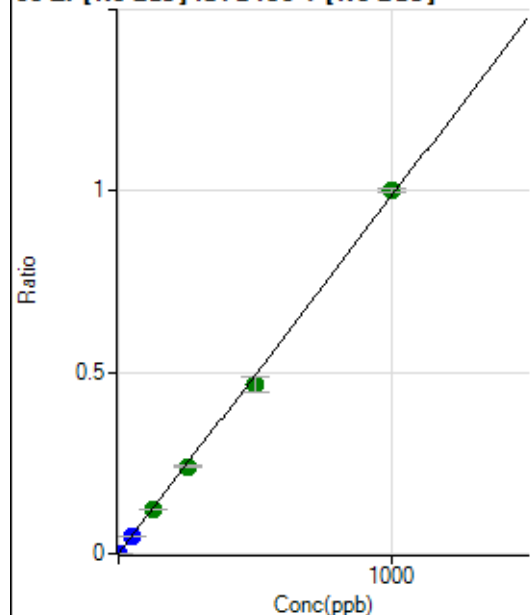
$$DL = 0.004042$$

$$BEC = 0.00696$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	660.02	0.0000	P	6.4
2	☐	1.000	0.870	15753.00	0.0009	P	4.6
3	☐	50.000	49.557	876189.33	0.0489	P	2.0
4	☐	125.000	125.385	2201902.28	0.1236	A	0.8
5	☐	250.000	243.437	4290640.87	0.2400	A	1.5
6	☐	500.000	474.100	8602425.84	0.4674	A	8.5
7	☐	1000.000	1014.565	17392898.49	1.0001	A	1.1
8	☐			10752.07	0.0006	P	21.

$$y = 9.8570\text{E-}004 * x + 3.6812\text{E-}005$$

$$R = 0.9995$$

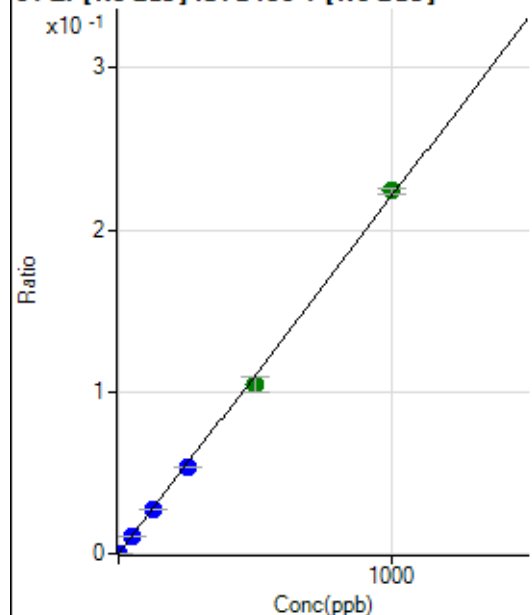
$$DL = 0.007139$$

$$BEC = 0.03735$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	117.78	0.0000	P	21.
2	☐	1.000	0.862	3463.78	0.0002	P	5.8
3	☐	50.000	49.582	196098.50	0.0109	P	2.0
4	☐	125.000	123.737	486122.97	0.0273	P	0.4
5	☐	250.000	243.625	960664.21	0.0537	P	0.8
6	☐	500.000	472.616	1918682.75	0.1042	A	8.6
7	☐	1000.000	1015.465	3894758.59	0.2239	A	1.6
8	☐			2356.06	0.0001	P	21.

$$y = 2.2053\text{E-}004 * x + 6.5535\text{E-}006$$

$$R = 0.9994$$

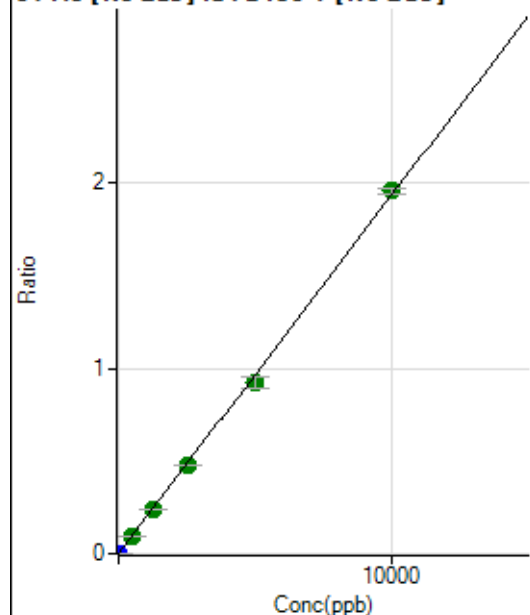
$$DL = 0.01937$$

$$BEC = 0.02972$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	223.34	0.0000	P	11.
2	☐	5.000	5.498	18953.45	0.0011	P	3.7
3	☐	500.000	502.881	1743256.59	0.0973	A	1.3
4	☐	1250.000	1255.918	4325653.23	0.2429	A	0.6
5	☐	2500.000	2460.657	8507459.18	0.4758	A	0.6
6	☐	5000.000	4776.982	17013481.97	0.9238	A	7.5
7	☐	10000.000	10120.461	34032334.21	1.9570	A	1.5
8	☐			13755.21	0.0008	P	27.

$$y = 1.9337\text{E-}004 * x + 1.2436\text{E-}005$$

$$R = 0.9996$$

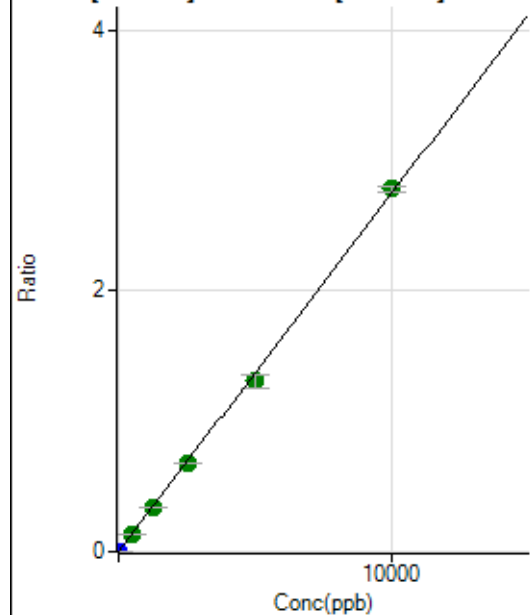
$$DL = 0.02118$$

$$BEC = 0.06431$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	20.
2	☐	5.000	4.798	23263.00	0.0013	P	2.6
3	☐	500.000	501.717	2469814.51	0.1378	A	0.7
4	☐	1250.000	1244.011	6084803.94	0.3416	A	0.1
5	☐	2500.000	2473.683	12145585.37	0.6793	A	0.1
6	☐	5000.000	4753.826	24036655.75	1.3055	A	8.1
7	☐	10000.000	10130.329	48379685.94	2.7821	A	1.8
8	☐			15122.73	0.0009	P	23.

$$y = 2.7463\text{E-}004 * x + 2.1687\text{E-}006$$

$$R = 0.9995$$

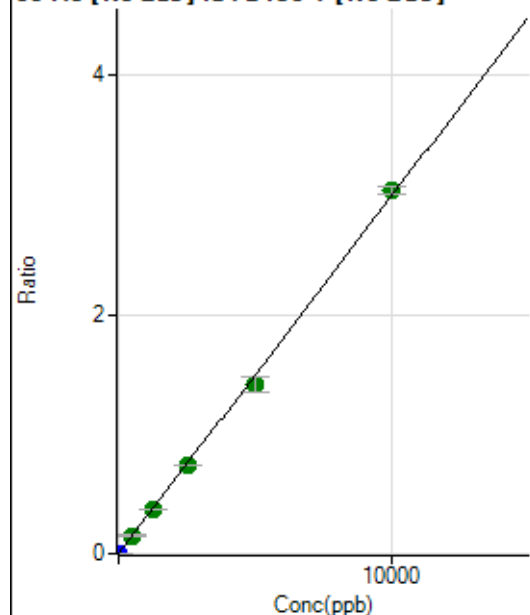
$$DL = 0.004771$$

$$BEC = 0.007897$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.33	0.0000	P	26.
2	☐	5.000	4.869	25748.26	0.0015	P	4.2
3	☐	500.000	509.563	2729392.15	0.1523	A	1.7
4	☐	1250.000	1250.470	6655355.80	0.3737	A	0.9
5	☐	2500.000	2459.814	13141930.50	0.7351	A	0.4
6	☐	5000.000	4728.733	26007455.72	1.4131	A	8.7
7	☐	10000.000	10145.143	52719095.33	3.0317	A	2.1
8	☐			28967.53	0.0018	P	6.7

$$y = 2.9883\text{E-}004 * x + 6.3370\text{E-}006$$

$$R = 0.9994$$

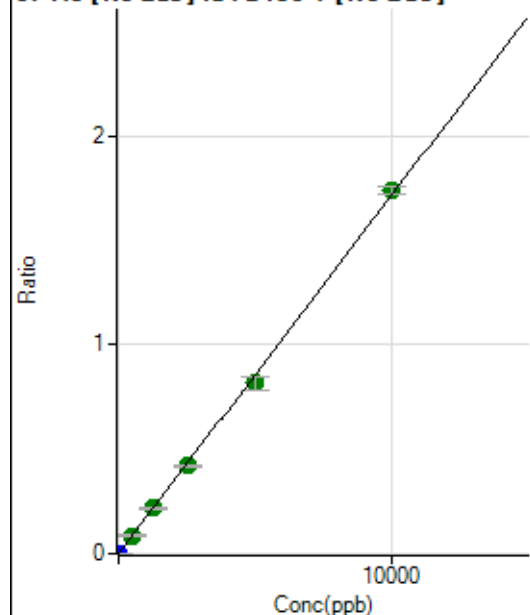
$$DL = 0.01707$$

$$BEC = 0.02121$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	22.
2	☐	5.000	4.887	14812.03	0.0008	P	1.8
3	☐	500.000	506.551	1558408.24	0.0870	A	3.2
4	☐	1250.000	1261.559	3856956.71	0.2166	A	0.4
5	☐	2500.000	2448.617	7514885.10	0.4203	A	0.9
6	☐	5000.000	4769.265	15073403.94	0.8187	A	8.0
7	☐	10000.000	10126.441	30226767.60	1.7383	A	2.2
8	☐			8756.94	0.0005	P	14.

$$y = 1.7166\text{E-}004 * x + 1.2383\text{E-}006$$

$$R = 0.9996$$

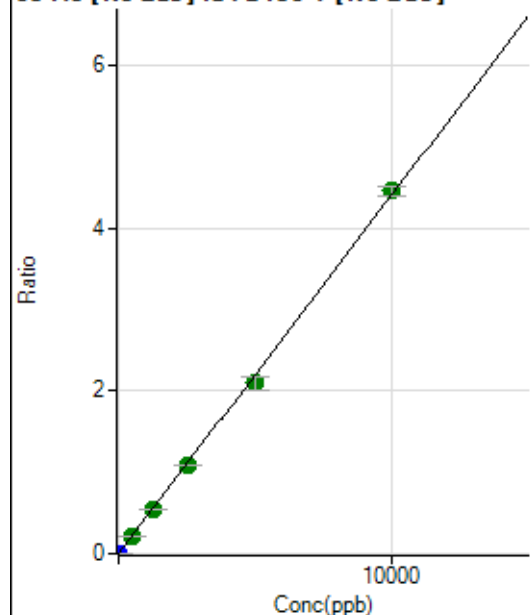
$$DL = 0.004869$$

$$BEC = 0.007214$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.22	0.0000	P	40.
2	☐	5.000	4.831	37552.61	0.0021	P	4.7
3	☐	500.000	504.903	3988159.25	0.2225	A	1.3
4	☐	1250.000	1256.566	9862377.35	0.5537	A	0.3
5	☐	2500.000	2464.309	19415576.52	1.0860	A	0.4
6	☐	5000.000	4768.737	38700205.81	2.1014	A	7.7
7	☐	10000.000	10123.488	77570398.29	4.4611	A	2.5
8	☐			21908.66	0.0013	P	14.

$$y = 4.4067\text{E-}004 * x + 2.8972\text{E-}006$$

$$R = 0.9996$$

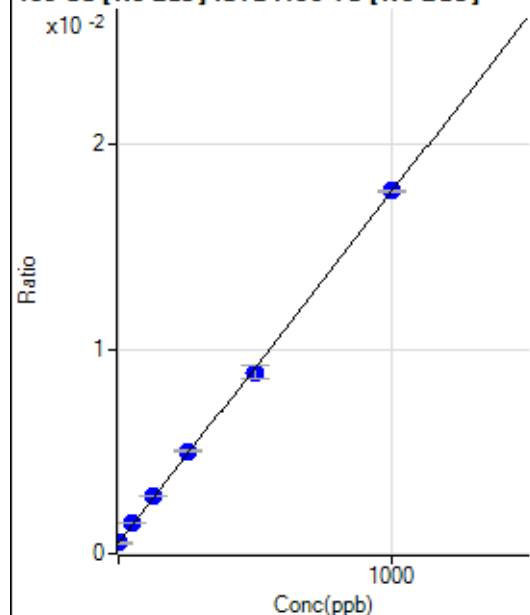
$$DL = 0.008059$$

$$BEC = 0.006574$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7945.57	0.0005	P	1.7
2	☐	1.000	0.578	7938.91	0.0005	P	5.8
3	☐	50.000	55.379	22623.21	0.0015	P	0.7
4	☐	125.000	133.898	43558.49	0.0028	P	0.6
5	☐	250.000	260.931	76971.31	0.0050	P	2.3
6	☐	500.000	485.809	143774.64	0.0089	P	7.4
7	☐	1000.000	1002.982	273618.79	0.0177	P	0.4
8	☐			7818.83	0.0005	P	1.6

$$y = 1.7154\text{E-}005 * x + 5.1757\text{E-}004$$

$$R = 0.9998$$

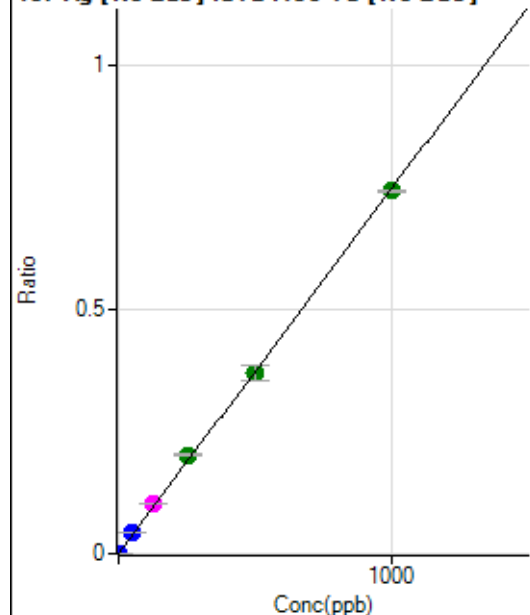
$$DL = 1.576$$

$$BEC = 30.17$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0000	P	10.
2	☐	1.000	1.050	11902.74	0.0008	P	2.6
3	☐	50.000	56.445	649403.67	0.0421	P	2.9
4	☐	125.000	137.893	1593251.83	0.1029	M	0.9
5	☐	250.000	270.836	3116822.07	0.2022	A	1.9
6	☐	500.000	496.563	6017672.48	0.3707	A	8.4
7	☐	1000.000	994.576	11463021.49	0.7425	A	0.3
8	☐			3440.48	0.0002	P	15.

$$y = 7.4653\text{E-}004 * x + 6.9452\text{E-}006$$

$$R = 0.9997$$

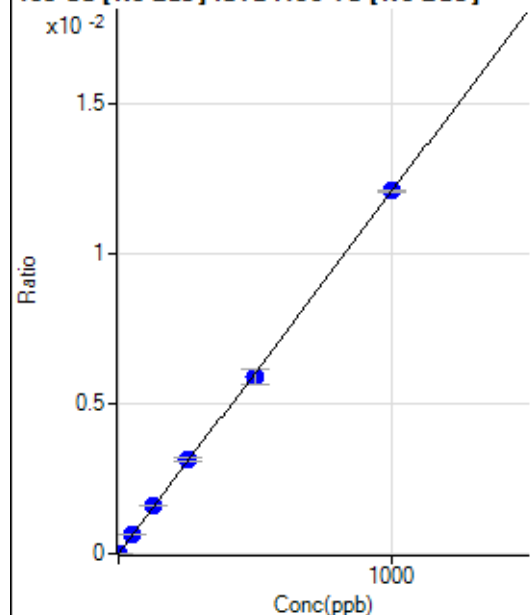
$$DL = 0.002804$$

$$BEC = 0.009303$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	62.
2	☐	1.000	0.976	200.00	0.0000	P	10.
3	☐	50.000	54.468	10153.63	0.0007	P	2.0
4	☐	125.000	132.482	24765.65	0.0016	P	1.8
5	☐	250.000	260.122	48402.66	0.0031	P	3.8
6	☐	500.000	488.777	95793.37	0.0059	P	8.3
7	☐	1000.000	1001.923	186697.24	0.0121	P	0.7
8	☐			175.56	0.0000	P	2.3

$$y = 1.2068\text{E-}005 * x + 1.5183\text{E-}006$$

$$R = 0.9998$$

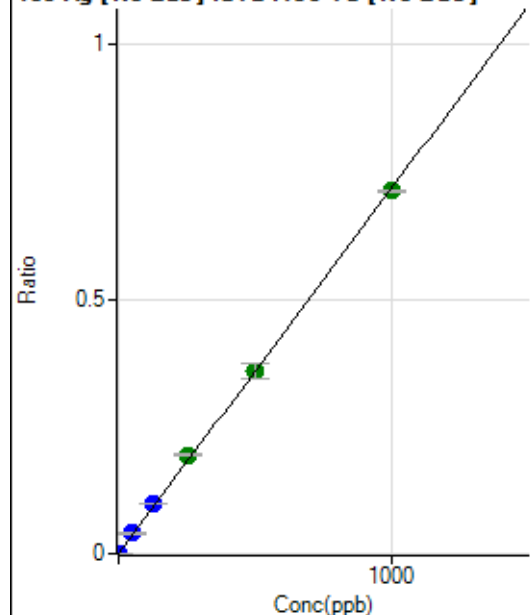
$$DL = 0.2343$$

$$BEC = 0.1258$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.22	0.0000	P	20.
2	☐	1.000	1.024	11111.00	0.0007	P	3.3
3	☐	50.000	55.403	612866.92	0.0398	P	3.3
4	☐	125.000	135.986	1510902.31	0.0976	P	1.0
5	☐	250.000	269.703	2984507.66	0.1936	A	2.6
6	☐	500.000	499.964	5827181.30	0.3589	A	8.3
7	☐	1000.000	993.449	11010710.11	0.7132	A	0.7
8	☐			3220.44	0.0002	P	13.

$$y = 7.1790\text{E-}004 * x + 2.7526\text{E-}006$$

$$R = 0.9998$$

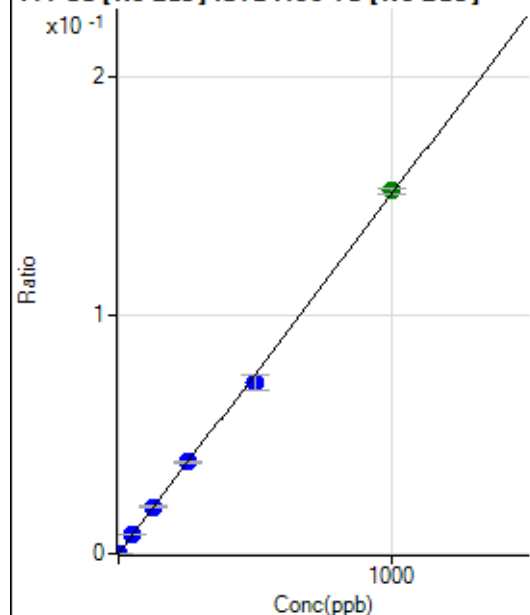
$$DL = 0.002345$$

$$BEC = 0.003834$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	790.45	0.0001	P	0.8
2	☐	1.000	1.058	3173.02	0.0002	P	7.9
3	☐	50.000	53.085	124075.71	0.0081	P	3.0
4	☐	125.000	130.720	305716.34	0.0198	P	0.7
5	☐	250.000	255.886	595278.01	0.0386	P	2.1
6	☐	500.000	476.732	1167370.43	0.0719	P	8.3
7	☐	1000.000	1009.293	2349560.28	0.1522	A	1.8
8	☐			1867.94	0.0001	P	5.7

$$y = 1.5072\text{E-}004 * x + 5.1494\text{E-}005$$

$$R = 0.9996$$

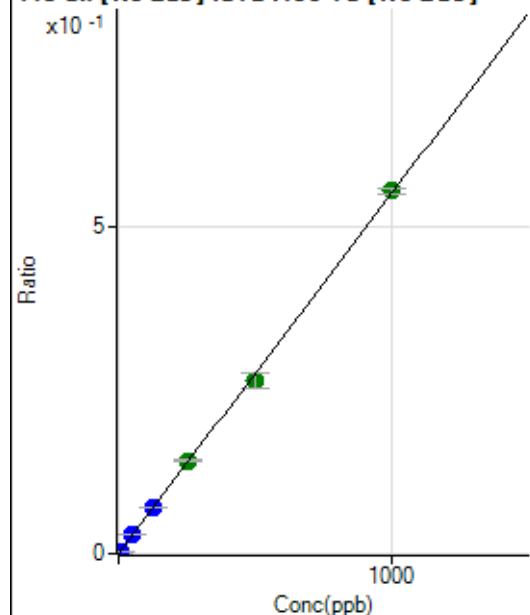
$$DL = 0.007921$$

$$BEC = 0.3417$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1220.07	0.0001	P	3.8
2	☐	5.000	4.856	41540.85	0.0028	P	4.7
3	☐	50.000	51.583	439979.89	0.0286	P	3.2
4	☐	125.000	127.749	1092622.74	0.0706	P	1.3
5	☐	250.000	256.576	2184453.72	0.1417	A	2.2
6	☐	500.000	481.167	4314113.69	0.2657	A	8.3
7	☐	1000.000	1007.350	8586740.63	0.5562	A	1.4
8	☐			71556.58	0.0050	P	2.5

$$y = 5.5203\text{E-}004 * x + 7.9471\text{E-}005$$

$$R = 0.9997$$

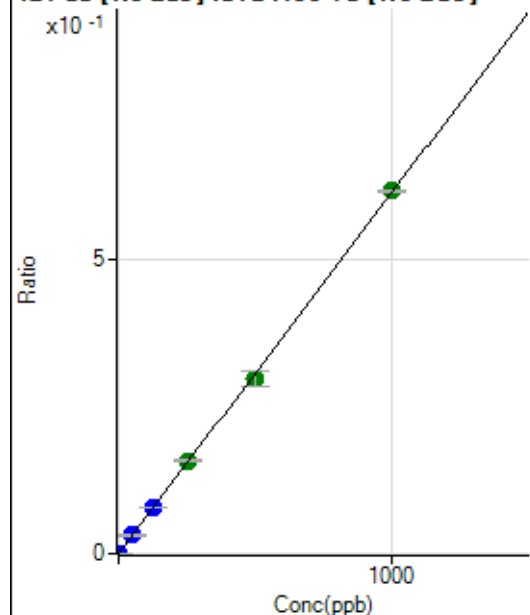
$$DL = 0.01629$$

$$BEC = 0.144$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.66	0.0000	P	10.
2	☐	2.000	1.915	17675.41	0.0012	P	6.3
3	☐	50.000	51.165	482160.84	0.0313	P	3.0
4	☐	125.000	126.496	1197194.63	0.0774	P	1.4
5	☐	250.000	257.989	2431870.92	0.1578	A	2.2
6	☐	500.000	484.869	4813802.57	0.2965	A	8.3
7	☐	1000.000	1005.323	9491422.43	0.6148	A	0.3
8	☐			10576.22	0.0007	P	4.5

$$y = 6.1151\text{E-}004 * x + 3.6919\text{E-}006$$

$$R = 0.9998$$

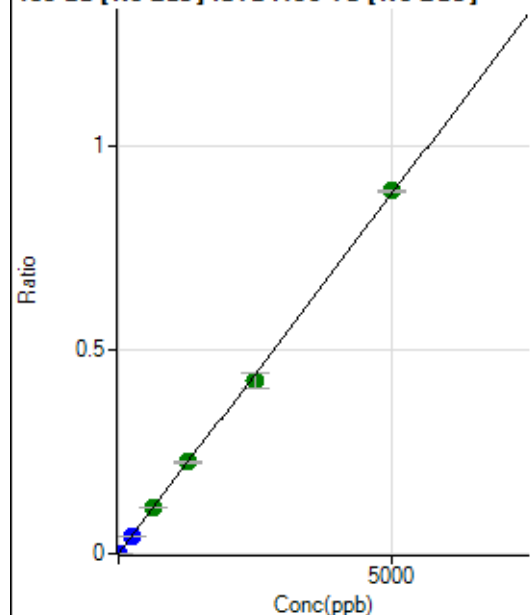
$$DL = 0.001886$$

$$BEC = 0.006037$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.67	0.0000	P	24.
2	☐	10.000	9.212	24458.89	0.0016	P	3.3
3	☐	250.000	247.990	672867.37	0.0437	P	3.0
4	☐	625.000	638.952	1741254.59	0.1125	A	1.5
5	☐	1250.000	1277.912	3468303.49	0.2250	A	2.7
6	☐	2500.000	2394.229	6841368.23	0.4216	A	9.0
7	☐	5000.000	5044.266	13713131.60	0.8882	A	0.9
8	☐			8696.08	0.0006	P	4.1

$$y = 1.7608\text{E-}004 * x + 2.3899\text{E-}006$$

$$R = 0.9997$$

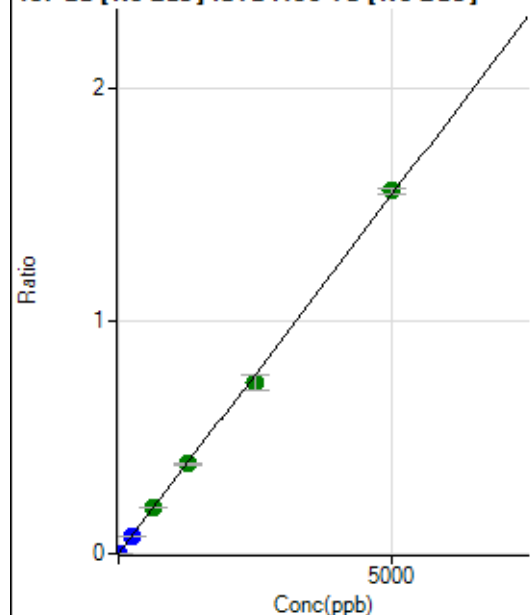
$$DL = 0.009923$$

$$BEC = 0.01357$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.55	0.0000	P	19.
2	☐	10.000	9.192	42614.69	0.0028	P	3.5
3	☐	250.000	245.244	1162757.86	0.0755	P	3.1
4	☐	625.000	634.279	3020385.69	0.1952	A	1.3
5	☐	1250.000	1251.246	5934459.08	0.3850	A	2.4
6	☐	2500.000	2380.711	11888374.82	0.7325	A	8.9
7	☐	5000.000	5058.413	24031573.81	1.5565	A	1.5
8	☐			14852.45	0.0010	P	3.3

$$y = 3.0770\text{E-}004 * x + 2.3162\text{E-}006$$

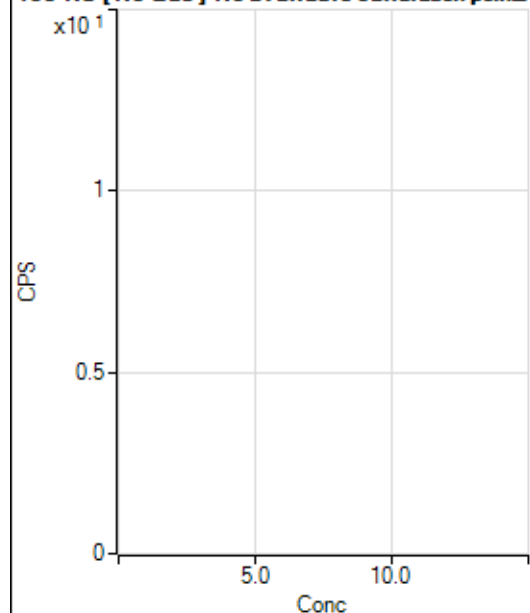
$$R = 0.9996$$

$$DL = 0.004425$$

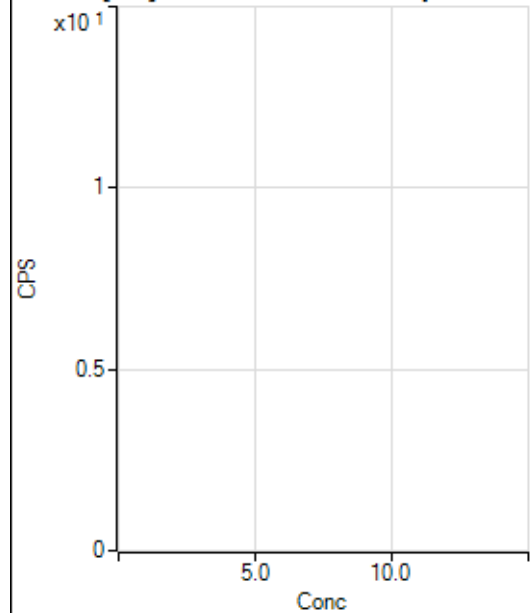
$$BEC = 0.007527$$

Weight: <None>

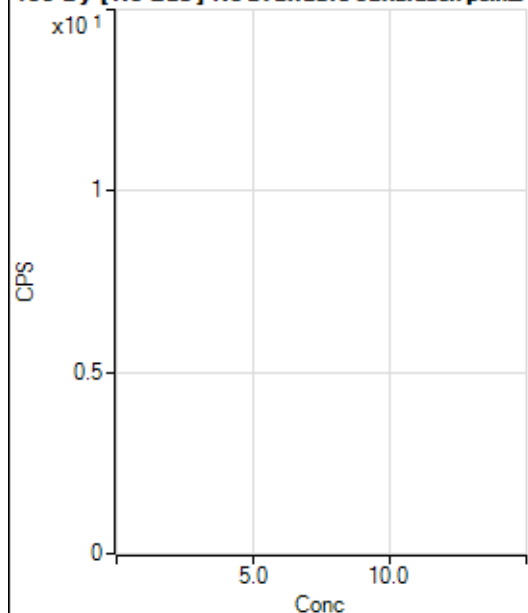
Min Conc: 0

150 Nd [No Gas] No available calibration points

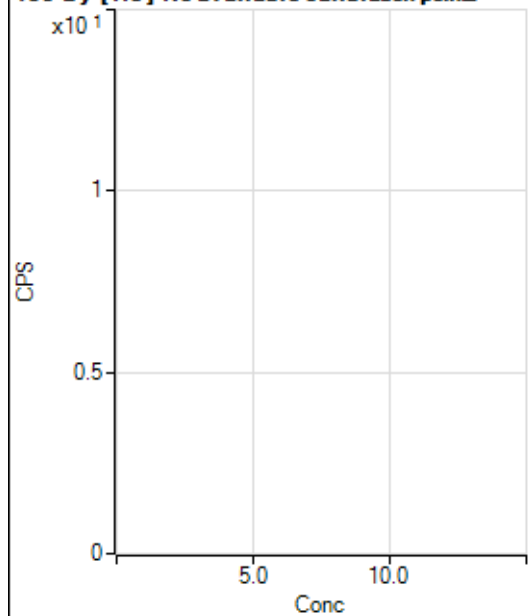
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.45		P	74.
2	☐			20.00		P	57.
3	☐			95.56		P	15.
4	☐			237.78		P	3.5
5	☐			383.34		P	0.9
6	☐			837.81		P	4.0
7	☐			1669.01		P	2.8
8	☐			404.45		P	2.5

150 Nd [He] No available calibration points

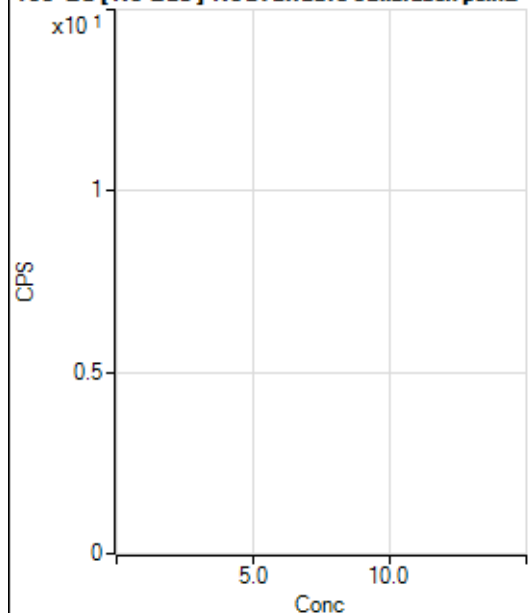
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.
2	☐			4.44		P	43.
3	☐			24.44		P	7.9
4	☐			47.78		P	34.
5	☐			95.56		P	15.
6	☐			183.34		P	6.6
7	☐			325.56		P	14.
8	☐			191.11		P	13.

156 Dy [No Gas] No available calibration points

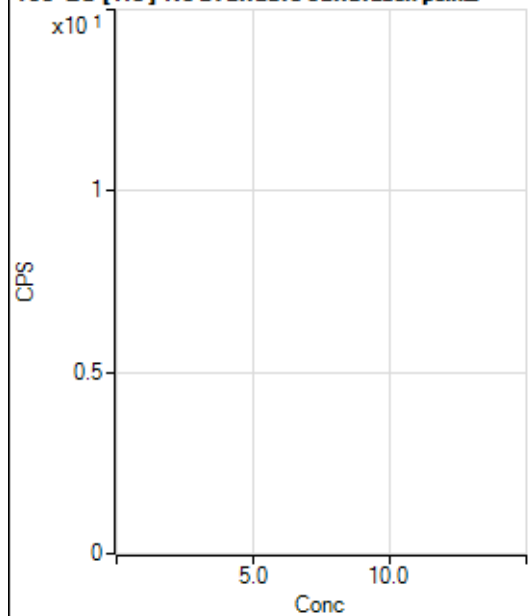
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.
2	☐			10.00		P	57.
3	☐			67.78		P	12.
4	☐			125.56		P	12.
5	☐			225.56		P	2.3
6	☐			480.01		P	8.4
7	☐			848.92		P	1.6
8	☐			2293.55		P	7.6

156 Dy [He] No available calibration points

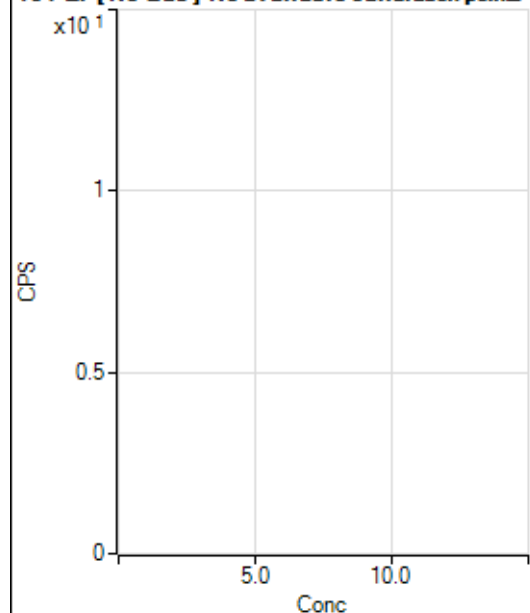
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.
2	☐			10.00		P	66.
3	☐			56.67		P	15.
4	☐			97.78		P	32.
5	☐			226.67		P	12.
6	☐			432.23		P	1.9
7	☐			873.37		P	3.6
8	☐			1460.09		P	6.7

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

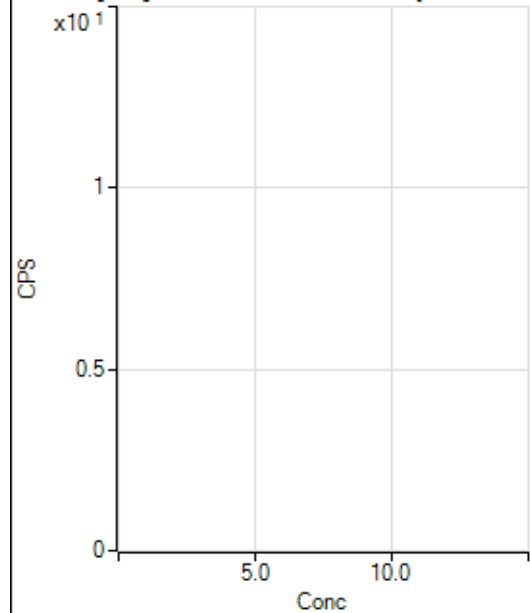
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			87.78		P	22.
2	☐			84.45		P	8.2
3	☐			110.00		P	13.
4	☐			158.89		P	14.
5	☐			265.56		P	14.
6	☐			443.34		P	6.2
7	☐			777.81		P	8.0
8	☐			2543.59		P	6.6

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			444.46		P	6.7
2	☐			460.02		P	19.
3	☐			477.79		P	6.5
4	☐			527.80		P	5.7
5	☐			550.02		P	2.8
6	☐			646.69		P	5.5
7	☐			881.15		P	6.9
8	☐			1917.93		P	4.8

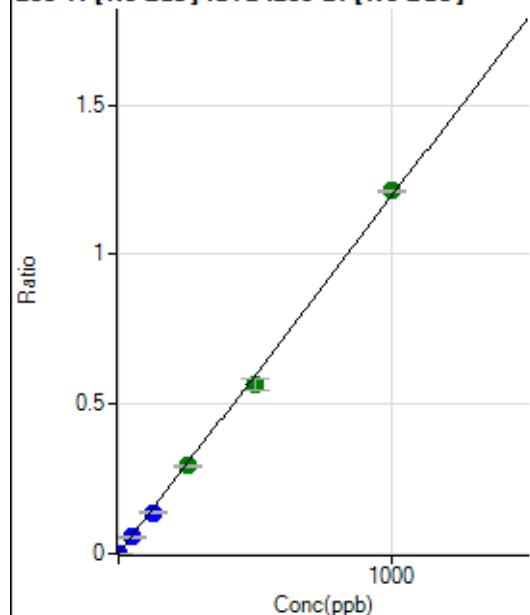
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.22		P	13.
2	☐			112.23		P	4.5
3	☐			107.78		P	34.
4	☐			136.67		P	4.2
5	☐			166.67		P	12.
6	☐			248.89		P	17.
7	☐			330.01		P	3.0
8	☐			386.68		P	9.5

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	15.
2	☐			62.22		P	16.
3	☐			66.66		P	22.
4	☐			82.22		P	43.
5	☐			83.33		P	10.
6	☐			116.67		P	14.
7	☐			186.67		P	9.9
8	☐			228.89		P	6.7

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.34	0.0000	P	17.
2	☐	1.000	0.861	9158.72	0.0010	P	5.9
3	☐	50.000	46.210	493483.42	0.0552	P	2.3
4	☐	125.000	115.093	1231837.48	0.1375	P	1.6
5	☐	250.000	246.089	2625463.92	0.2940	A	1.2
6	☐	500.000	474.318	5210712.73	0.5667	A	7.3
7	☐	1000.000	1015.247	10332553.11	1.2130	A	0.4
8	☐			2593.62	0.0004	P	14.

$$y = 0.0012 * x + 1.4871E-005$$

$$R = 0.9995$$

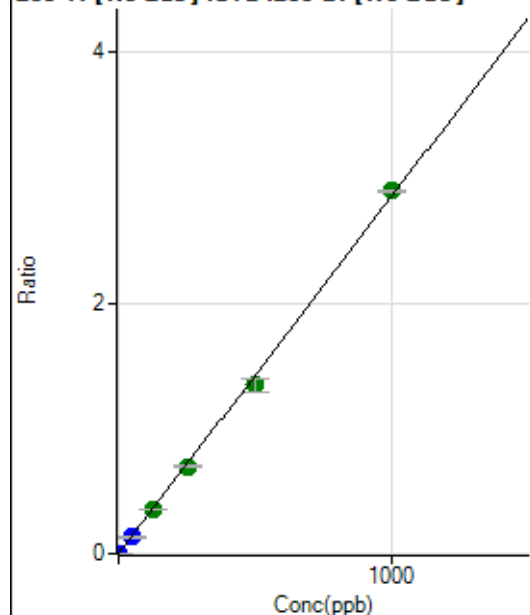
$$DL = 0.006367$$

$$BEC = 0.01245$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	383.34	0.0000	P	15.
2	☐	1.000	0.854	21753.05	0.0025	P	4.8
3	☐	50.000	45.923	1169852.41	0.1309	P	2.3
4	☐	125.000	123.028	3140916.93	0.3507	A	2.0
5	☐	250.000	244.090	6211355.32	0.6957	A	1.5
6	☐	500.000	471.893	12360124.96	1.3449	A	8.1
7	☐	1000.000	1015.982	24663832.13	2.8955	A	0.7
8	☐			6193.74	0.0009	P	17.

$$y = 0.0028 * x + 4.2822E-005$$

$$R = 0.9994$$

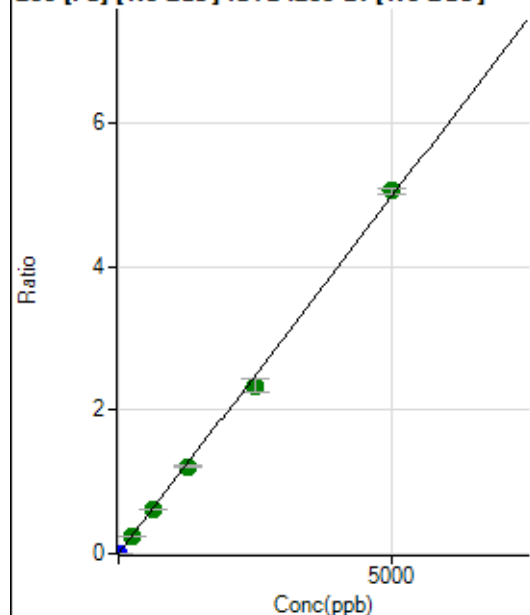
$$DL = 0.007019$$

$$BEC = 0.01503$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.68	0.0000	P	11.
2	☐	1.000	0.830	7551.06	0.0009	P	6.3
3	☐	250.000	245.995	2185246.58	0.2445	A	2.0
4	☐	625.000	610.365	5434809.43	0.6067	A	0.8
5	☐	1250.000	1218.067	10809736.92	1.2107	A	1.9
6	☐	2500.000	2353.834	21506345.93	2.3396	A	7.8
7	☐	5000.000	5083.096	43035292.97	5.0524	A	1.4
8	☐			222505.06	0.0307	P	0.8

$$y = 9.9396E-004 * x + 3.5325E-005$$

$$R = 0.9994$$

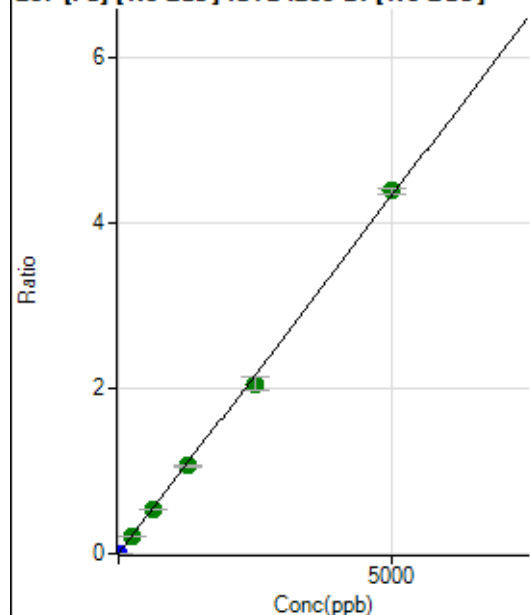
$$DL = 0.01231$$

$$BEC = 0.03554$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	273.34	0.0000	P	4.8
2	☐	1.000	0.843	6675.03	0.0008	P	3.4
3	☐	250.000	247.161	1909970.29	0.2137	A	1.3
4	☐	625.000	612.303	4742049.65	0.5294	A	2.1
5	☐	1250.000	1228.696	9485078.75	1.0624	A	1.7
6	☐	2500.000	2373.156	18863664.58	2.0519	A	7.5
7	☐	5000.000	5070.477	37343751.94	4.3840	A	1.3
8	☐			180854.63	0.0250	P	1.2

$$y = 8.6460E-004 * x + 3.0503E-005$$

$$R = 0.9995$$

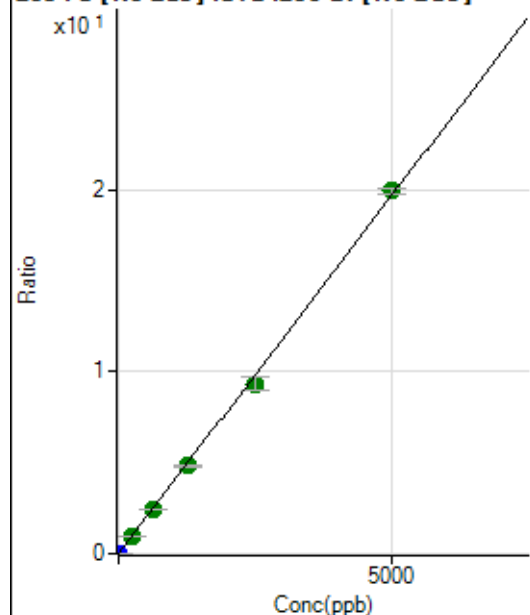
$$DL = 0.005059$$

$$BEC = 0.03528$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1247.82	0.0001	P	3.6
2	☐	1.000	0.846	30460.30	0.0035	P	4.8
3	☐	250.000	247.230	8693261.69	0.9728	A	2.0
4	☐	625.000	613.694	21629051.00	2.4147	A	1.1
5	☐	1250.000	1231.620	43265724.50	4.8458	A	1.5
6	☐	2500.000	2373.869	85848052.05	9.3399	A	7.8
7	☐	5000.000	5069.212	169883742.4	19.9444	A	1.3
8	☐			849116.95	0.1173	P	0.9

$$y = 0.0039 * x + 1.3918E-004$$

$$R = 0.9995$$

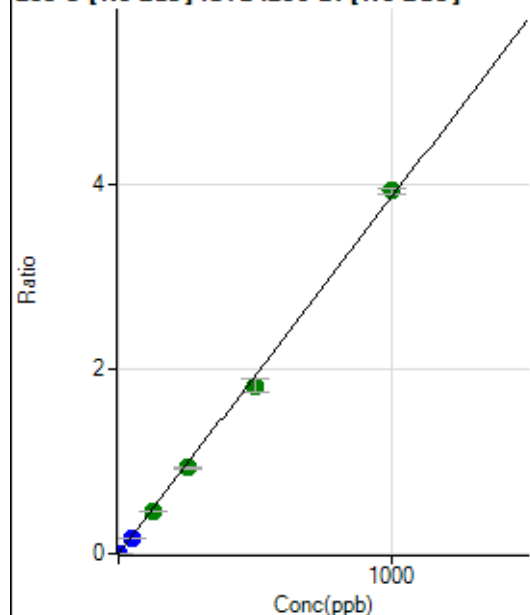
$$DL = 0.003868$$

$$BEC = 0.03538$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.
2	☐	1.000	0.807	27311.33	0.0031	P	4.6
3	☐	50.000	43.618	1501945.81	0.1681	P	2.4
4	☐	125.000	120.070	4144481.88	0.4627	A	1.4
5	☐	250.000	240.107	8261250.22	0.9253	A	1.5
6	☐	500.000	471.299	16697848.08	1.8162	A	7.6
7	☐	1000.000	1017.759	33406553.11	3.9220	A	1.3
8	☐			5853.63	0.0008	P	21.

$$y = 0.0039 * x + 7.4096E-007$$

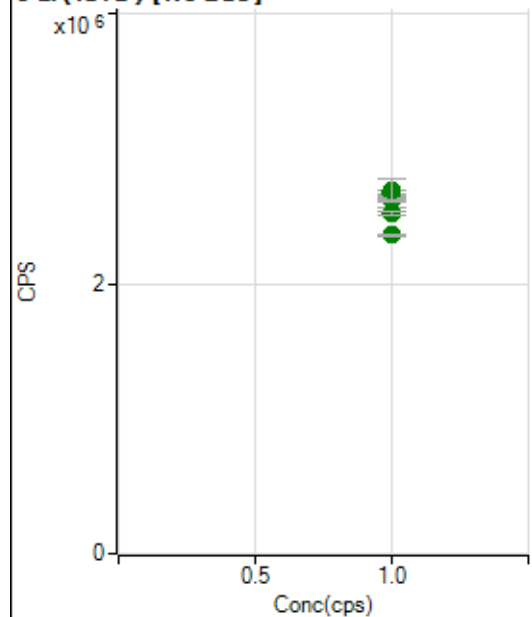
$$R = 0.9994$$

$$DL = 0.0002838$$

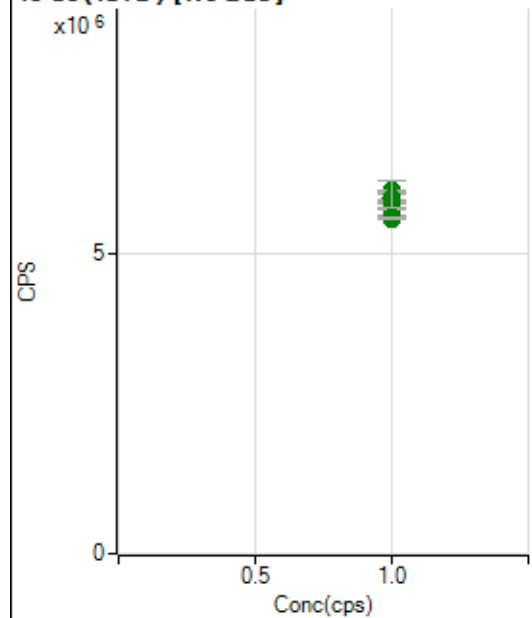
$$BEC = 0.0001923$$

Weight: <None>

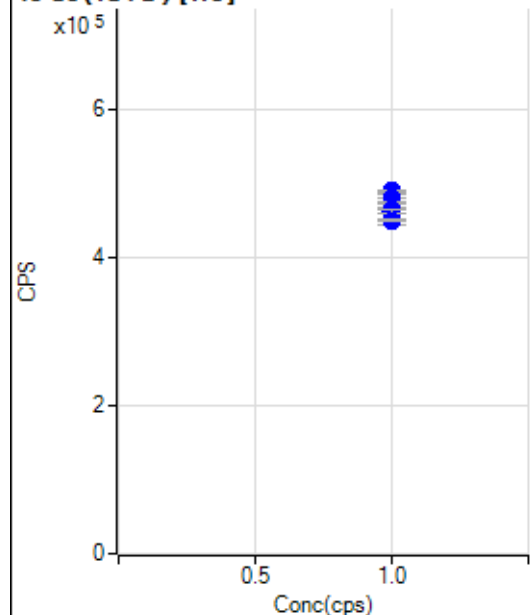
Min Conc: 0

6 Li (ISTD) [No Gas]

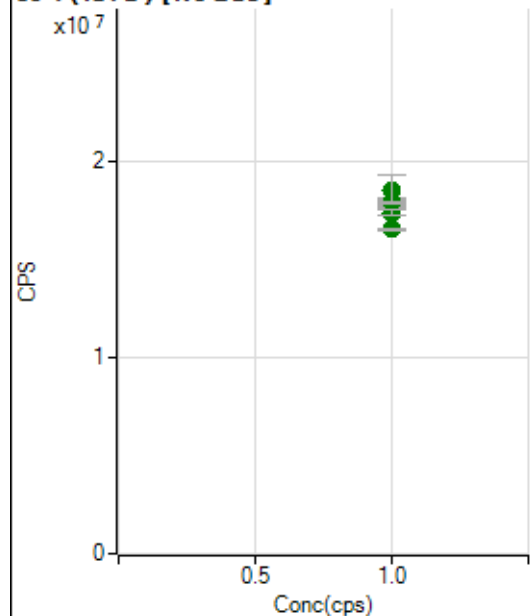
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2673200.10		A	1.3
2	☐	1.000		2615580.24		A	4.1
3	☐	1.000		2656957.61		A	3.0
4	☐	1.000		2669603.80		A	2.1
5	☐	1.000		2621319.37		A	0.6
6	☐	1.000		2686510.46		A	6.4
7	☐	1.000		2523361.25		A	1.1
8	☐	1.000		2358562.07		A	0.7

45 Sc (ISTD) [No Gas]

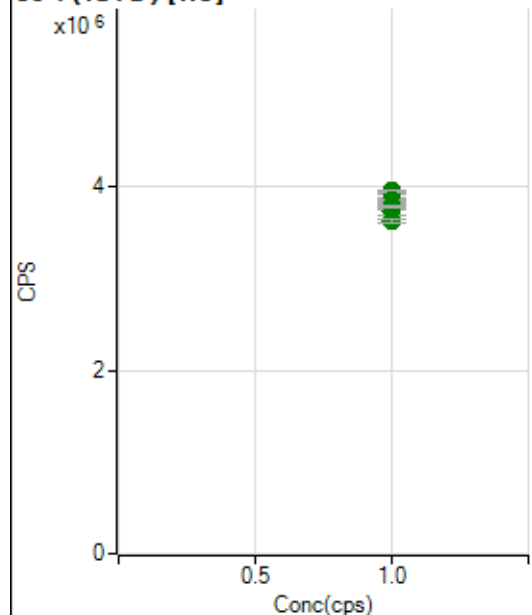
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6049357.89		A	0.6
2	☐	1.000		5889920.61		A	4.2
3	☐	1.000		5925838.45		A	2.7
4	☐	1.000		5888355.68		A	0.5
5	☐	1.000		5759562.48		A	0.9
6	☐	1.000		5929440.19		A	9.6
7	☐	1.000		5623220.13		A	1.0
8	☐	1.000		5585756.17		A	0.7

45 Sc (ISTD) [He]

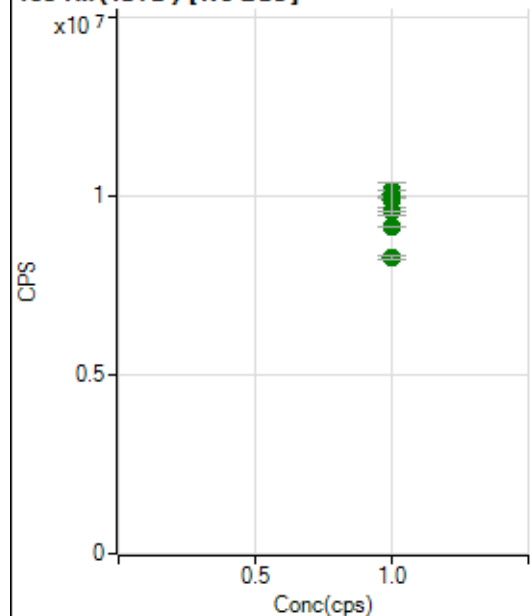
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		486489.06		P	0.5
2	☐	1.000		489758.48		P	0.4
3	☐	1.000		479970.74		P	0.3
4	☐	1.000		474257.17		P	0.7
5	☐	1.000		465238.37		P	0.5
6	☐	1.000		452777.40		P	3.4
7	☐	1.000		461853.51		P	0.7
8	☐	1.000		450335.75		P	0.4

89 Y (ISTD) [No Gas]

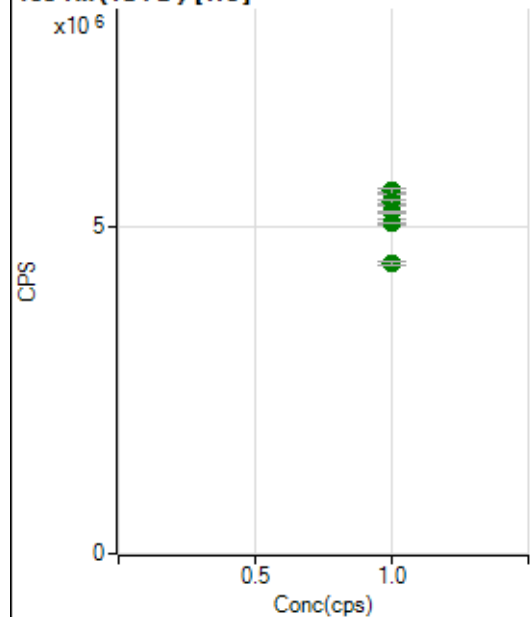
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17941921.26		A	1.8
2	☐	1.000		17639366.68		A	4.1
3	☐	1.000		17925727.79		A	1.1
4	☐	1.000		17810570.43		A	0.4
5	☐	1.000		17878587.93		A	0.5
6	☐	1.000		18503813.19		A	9.3
7	☐	1.000		17392228.63		A	1.7
8	☐	1.000		16543340.03		A	0.9

89 Y (ISTD) [He]

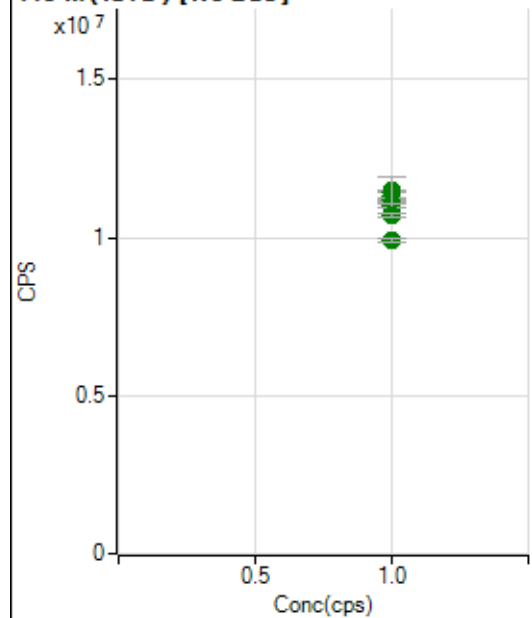
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3922815.36		A	0.5
2	☐	1.000		3956978.97		A	0.2
3	☐	1.000		3857786.68		A	0.6
4	☐	1.000		3853222.13		A	0.8
5	☐	1.000		3801202.52		A	0.4
6	☐	1.000		3725550.33		A	1.5
7	☐	1.000		3785965.53		A	1.0
8	☐	1.000		3634536.23		A	1.1

103 Rh (ISTD) [No Gas]

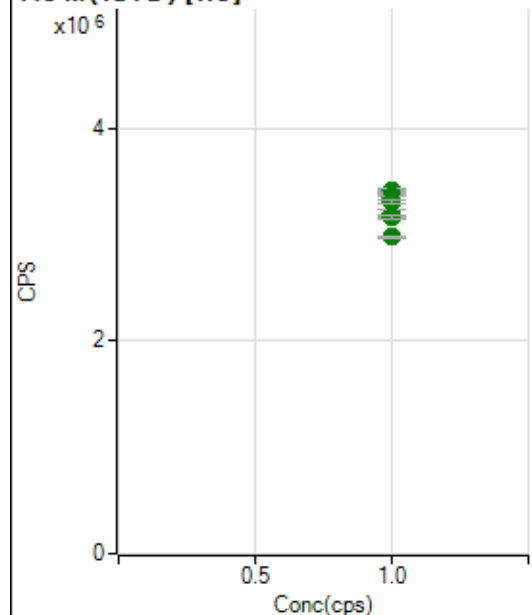
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10153928.81		A	0.1
2	☐	1.000		9921481.03		A	5.3
3	☐	1.000		10055776.17		A	2.0
4	☐	1.000		9989894.78		A	0.2
5	☐	1.000		9590015.00		A	0.2
6	☐	1.000		9912930.75		A	9.4
7	☐	1.000		9146032.85		A	0.4
8	☐	1.000		8286842.66		A	0.7

103 Rh (ISTD) [He]

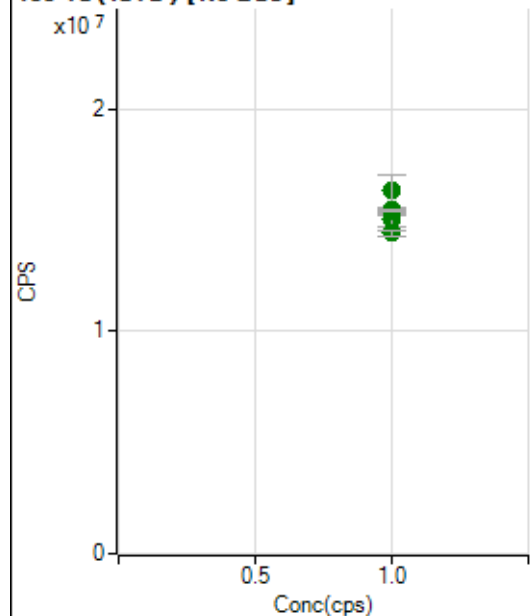
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5529967.42		A	0.8
2	☐	1.000		5559712.21		A	1.3
3	☐	1.000		5386139.50		A	0.9
4	☐	1.000		5383823.60		A	1.6
5	☐	1.000		5240065.69		A	0.5
6	☐	1.000		5073113.25		A	1.7
7	☐	1.000		5059328.68		A	0.2
8	☐	1.000		4456307.15		A	1.1

115 In (ISTD) [No Gas]

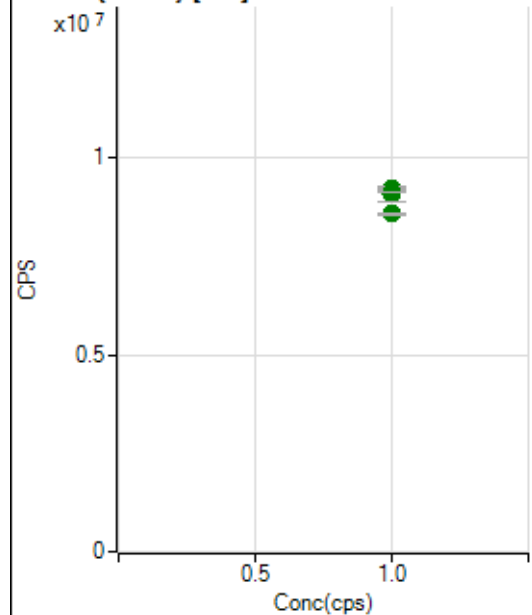
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		11478923.68		A	0.3
2	☐	1.000		11170733.57		A	4.5
3	☐	1.000		11312791.24		A	2.0
4	☐	1.000		11209707.35		A	1.0
5	☐	1.000		11003343.35		A	0.9
6	☐	1.000		11428616.00		A	8.9
7	☐	1.000		10710164.60		A	1.2
8	☐	1.000		9935116.31		A	1.3

115 In (ISTD) [He]

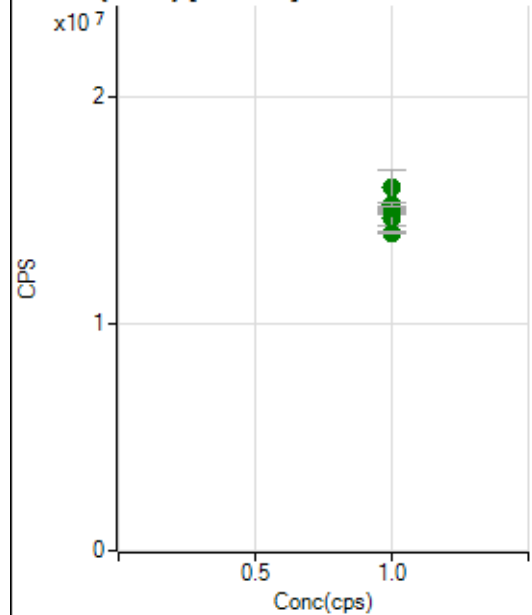
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3405359.58		A	0.6
2	☐	1.000		3412242.39		A	0.9
3	☐	1.000		3370056.21		A	0.5
4	☐	1.000		3343953.65		A	1.3
5	☐	1.000		3303838.46		A	1.0
6	☐	1.000		3200134.99		A	2.2
7	☐	1.000		3166299.13		A	0.7
8	☐	1.000		2977796.21		A	0.9

159 Tb (ISTD) [No Gas]

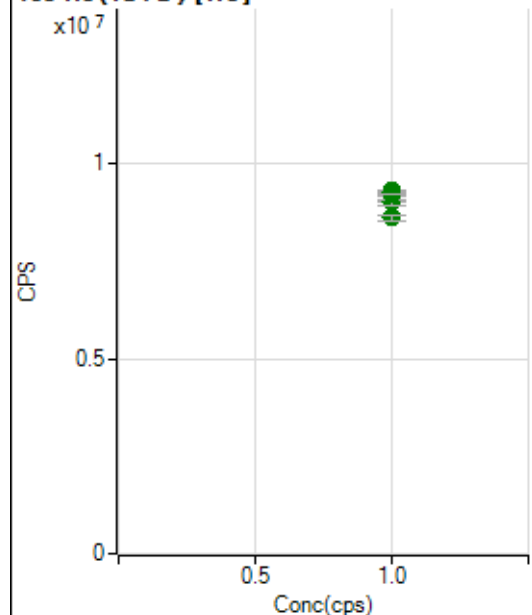
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15350779.49		A	0.8
2	☐	1.000		15070257.14		A	4.4
3	☐	1.000		15415703.94		A	2.3
4	☐	1.000		15477436.57		A	1.2
5	☐	1.000		15418439.08		A	1.9
6	☐	1.000		16316130.03		A	9.1
7	☐	1.000		15438712.13		A	0.8
8	☐	1.000		14432114.65		A	1.7

159 Tb (ISTD) [He]

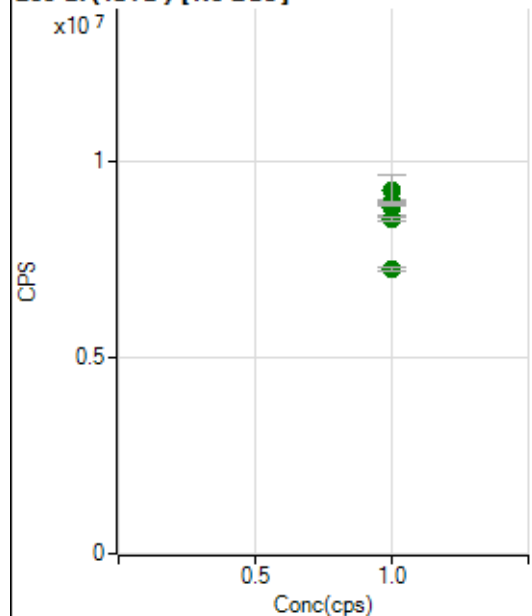
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9155408.41		A	0.5
2	☐	1.000		9195190.63		A	0.6
3	☐	1.000		9186553.27		A	0.7
4	☐	1.000		9213448.06		A	0.2
5	☐	1.000		9208722.64		A	0.4
6	☐	1.000		9079749.66		A	4.3
7	☐	1.000		9127280.49		A	0.2
8	☐	1.000		8579530.36		A	0.9

165 Ho (ISTD) [No Gas]

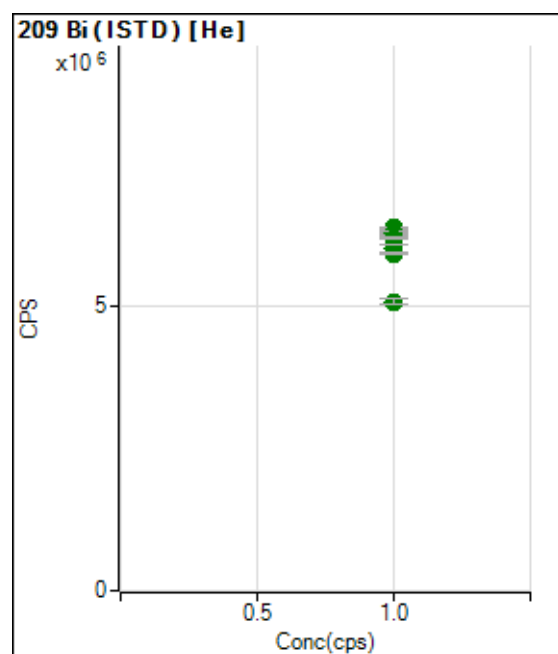
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14894480.89		A	0.6
2	☐	1.000		14682309.64		A	4.4
3	☐	1.000		15043216.86		A	1.9
4	☐	1.000		15179421.72		A	0.3
5	☐	1.000		15066390.89		A	0.3
6	☐	1.000		15988982.95		A	10.
7	☐	1.000		15261983.66		A	0.9
8	☐	1.000		14020594.93		A	0.7

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9307109.24		A	0.5
2	☐	1.000		9286457.78		A	0.9
3	☐	1.000		9054791.33		A	0.3
4	☐	1.000		9237300.63		A	1.6
5	☐	1.000		9199835.49		A	0.4
6	☐	1.000		9005583.48		A	1.8
7	☐	1.000		9224356.74		A	0.2
8	☐	1.000		8616863.42		A	1.5

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8962736.12		A	1.3
2	☐	1.000		8794609.94		A	4.4
3	☐	1.000		8937907.44		A	1.7
4	☐	1.000		8958004.87		A	1.0
5	☐	1.000		8929339.87		A	1.0
6	☐	1.000		9232633.20		A	8.5
7	☐	1.000		8518198.90		A	1.0
8	☐	1.000		7241583.85		A	1.3



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6322470.46		A	1.4
2	☐	1.000		6368721.71		A	0.5
3	☐	1.000		6236586.30		A	0.3
4	☐	1.000		6272688.03		A	1.2
5	☐	1.000		6190175.53		A	0.8
6	☐	1.000		6004581.02		A	2.1
7	☐	1.000		5923025.75		A	0.7
8	☐	1.000		5076220.17		A	1.7