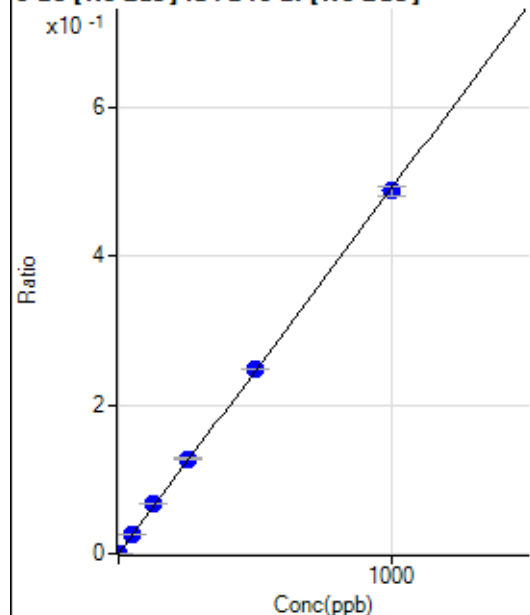


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100324-MS5.b\
 Analysis File: P7100324-MS5.batch.bin
 DA Date-Time: 2024-10-04 04:05:14
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-03 15:51:29
2	005CALS.d	S02	2024-10-03 15:54:47
3	006CALS.d	S03	2024-10-03 15:58:06
4	007CALS.d	S04	2024-10-03 16:01:13
5	008CALS.d	S05	2024-10-03 16:04:12
6	009CALS.d	S06	2024-10-03 16:07:03
7	010CALS.d	S07	2024-10-03 16:09:52
8	011CALS.d	S08	2024-10-03 16:12:38

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	28.
2	☐	1.000	1.121	1321.18	0.0006	P	3.7
3	☐	50.000	53.378	61663.70	0.0263	P	2.8
4	☐	125.000	135.372	151580.07	0.0666	P	0.8
5	☐	250.000	259.358	289517.00	0.1275	P	1.3
6	☐	500.000	506.054	549047.27	0.2488	P	0.5
7	☐	1000.000	993.168	1049537.29	0.4883	P	2.3
8	☐			261.12	0.0001	P	21.

$$y = 4.9160\text{E-}004 * x + 2.6376\text{E-}005$$

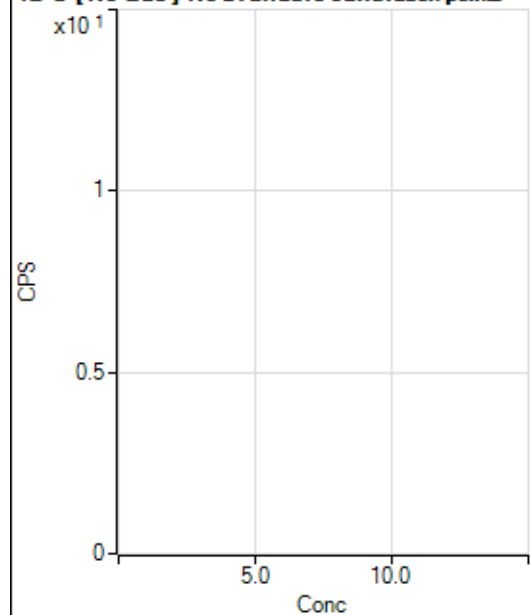
$$R = 0.9999$$

$$DL = 0.04582$$

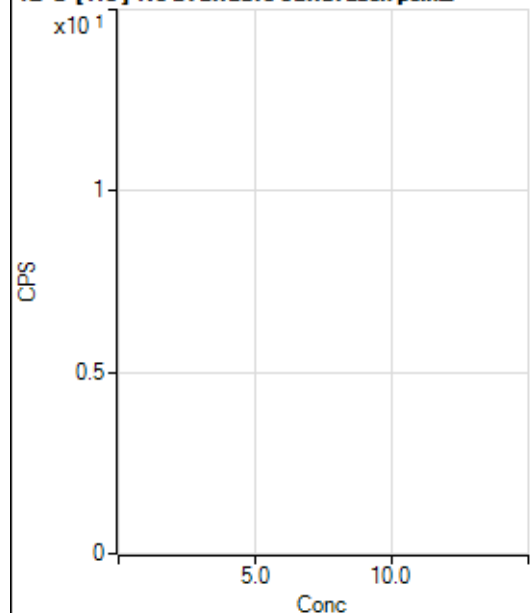
$$BEC = 0.05365$$

Weight: <None>

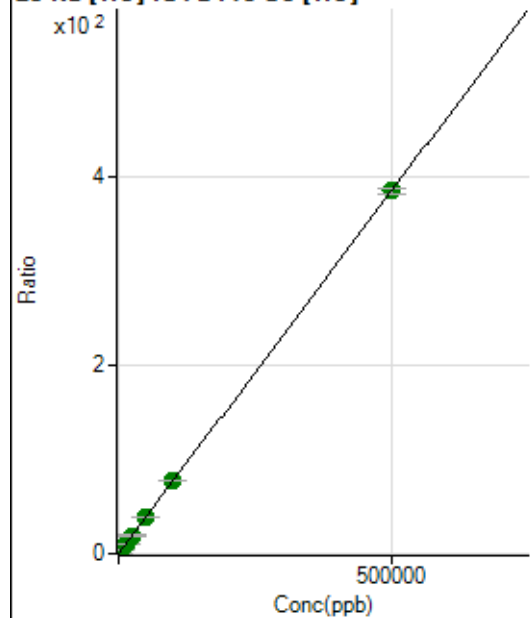
Min Conc: 0

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

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

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7095.03	0.0142	P	0.8
2	☐	500.000	499.715	197664.19	0.3995	P	0.6
3	☐	5000.000	4978.343	1879167.82	3.8528	A	0.9
4	☐	12500.000	12443.552	4517008.06	9.6089	A	1.0
5	☐	25000.000	24987.083	8576975.36	19.2807	A	1.7
6	☐	50000.000	50057.104	16461749.48	38.6112	A	0.8
7	☐	100000.00	99522.697	32385244.80	76.7520	A	0.1
8	☐	500000.00	500092.02	161613777.5	385.6146	A	1.9

$$y = 7.7106\text{E-}004 * x + 0.0142$$

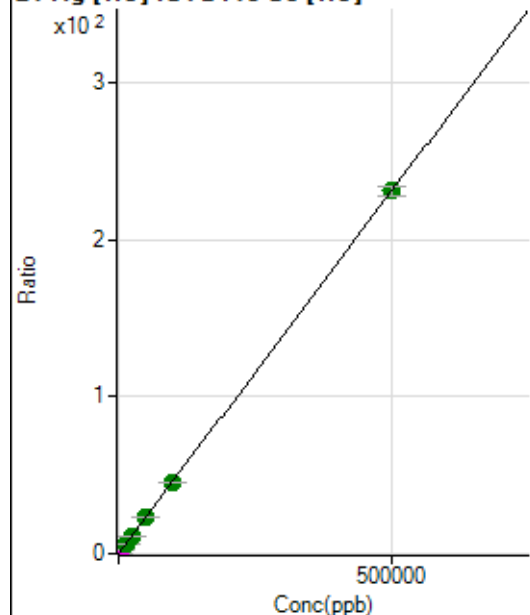
$$R = 1.0000$$

$$DL = 0.4616$$

$$BEC = 18.4$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	637.80	0.0013	P	8.5
2	☐	500.000	534.319	122717.60	0.2480	P	1.2
3	☐	5000.000	5080.528	1144945.94	2.3474	M	2.1
4	☐	12500.000	12512.633	2716815.10	5.7795	A	0.5
5	☐	25000.000	24931.864	5122415.55	11.5146	A	0.8
6	☐	50000.000	49958.076	9836595.89	23.0715	A	0.4
7	☐	100000.00	98279.141	19149583.46	45.3858	A	0.8
8	☐	500000.00	500350.61	96825981.89	231.0594	A	2.8

$$y = 4.6179\text{E-}004 * x + 0.0013$$

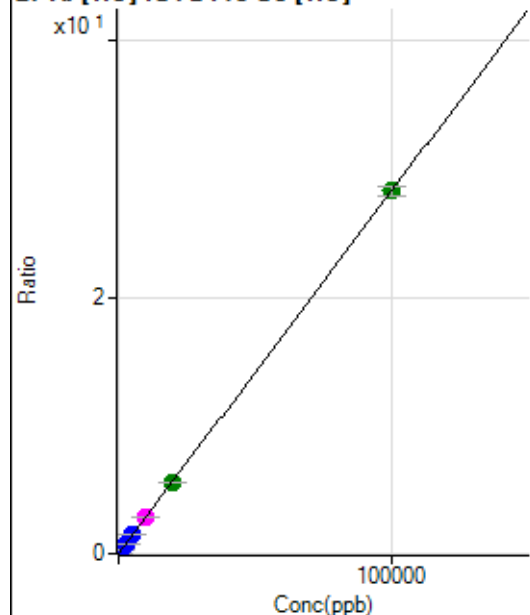
$$R = 1.0000$$

$$DL = 0.708$$

$$BEC = 2.762$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	110.00	0.0002	P	5.7
2	☐	20.000	24.716	3567.11	0.0072	P	3.1
3	☐	1000.000	1045.022	144244.39	0.2957	P	0.7
4	☐	2500.000	2565.667	341146.82	0.7258	P	0.8
5	☐	5000.000	5120.902	644316.47	1.4483	P	0.9
6	☐	10000.000	10139.228	1222599.01	2.8675	M	0.9
7	☐	20000.000	19805.446	2363267.67	5.6009	A	0.6
8	☐	100000.00	100016.85	11852862.04	28.2836	A	2.6

$$y = 2.8279\text{E-}004 * x + 2.1988\text{E-}004$$

$$R = 1.0000$$

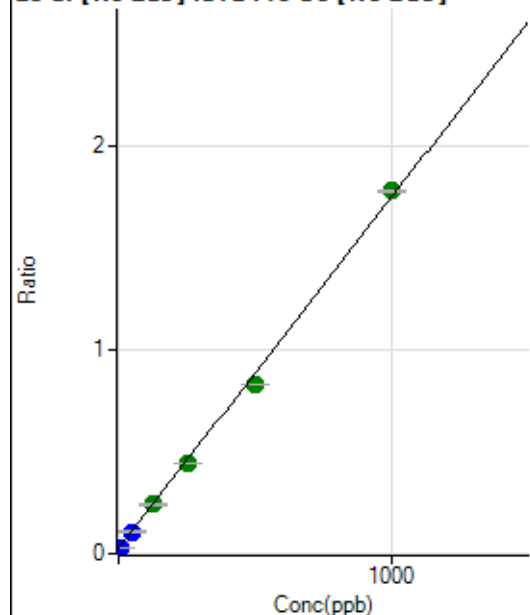
$$DL = 0.1339$$

$$BEC = 0.7775$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	162774.61	0.0262	P	0.7
2	☐	10.000	2.208	184341.88	0.0300	P	0.7
3	☐	50.000	47.605	678083.79	0.1081	P	4.0
4	☐	125.000	124.776	1437826.30	0.2407	A	1.4
5	☐	250.000	241.000	2505424.93	0.4405	A	0.3
6	☐	500.000	468.688	4487093.37	0.8320	A	0.2
7	☐	1000.000	1018.132	9381057.29	1.7766	A	0.8
8	☐			196718.21	0.0386	P	1.1

$$y = 0.0017 * x + 0.0262$$

$$R = 0.9993$$

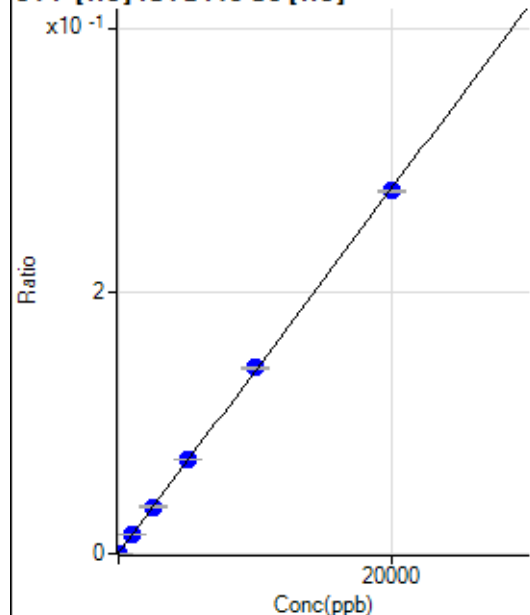
$$DL = 0.3168$$

$$BEC = 15.24$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-17.035	82.22	0.0002	P	5.8
2	☐	0.000	17.035	315.56	0.0006	P	10.
3	☐	1000.000	1033.526	7200.64	0.0148	P	1.3
4	☐	2500.000	2533.083	16734.80	0.0356	P	2.9
5	☐	5000.000	5146.934	31997.93	0.0719	P	0.7
6	☐	10000.000	10163.171	60383.94	0.1416	P	0.8
7	☐	20000.000	19875.869	116708.17	0.2766	P	0.5
8	☐			125.56	0.0003	P	1.8

$$y = 1.3896E-005 * x + 4.0107E-004$$

$$R = 0.9999$$

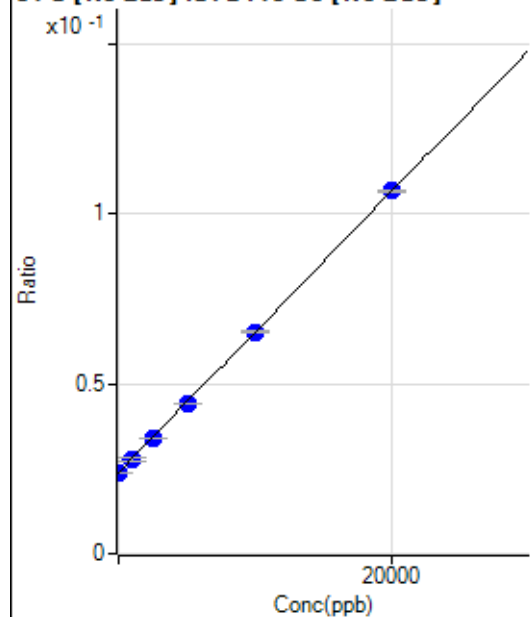
$$DL = 8.339$$

$$BEC = 28.86$$

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	-6.921	148540.34	0.0239	P	0.9
2	☐	0.000	6.921	147293.79	0.0240	P	0.4
3	☐	1000.000	916.175	174037.19	0.0277	P	4.5
4	☐	2500.000	2475.932	204246.97	0.0342	P	0.1
5	☐	5000.000	4930.778	252241.09	0.0444	P	0.3
6	☐	10000.000	10005.410	352491.54	0.0654	P	0.4
7	☐	20000.000	20021.800	563990.29	0.1068	P	0.9
8	☐			116133.73	0.0228	P	0.6

$$y = 4.1388\text{E-}006 * x + 0.0239$$

$$R = 1.0000$$

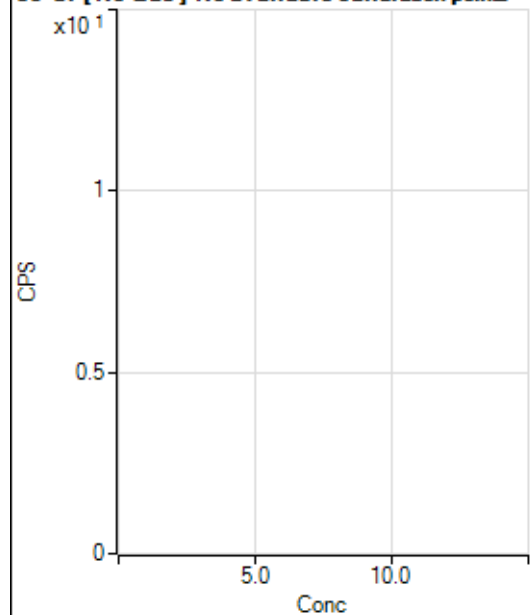
$$DL = 110.8$$

$$BEC = 5785$$

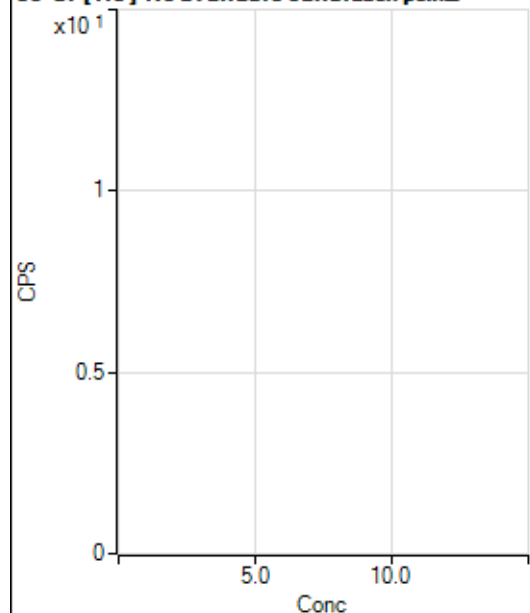
Weight: <None>

Min Conc: 0

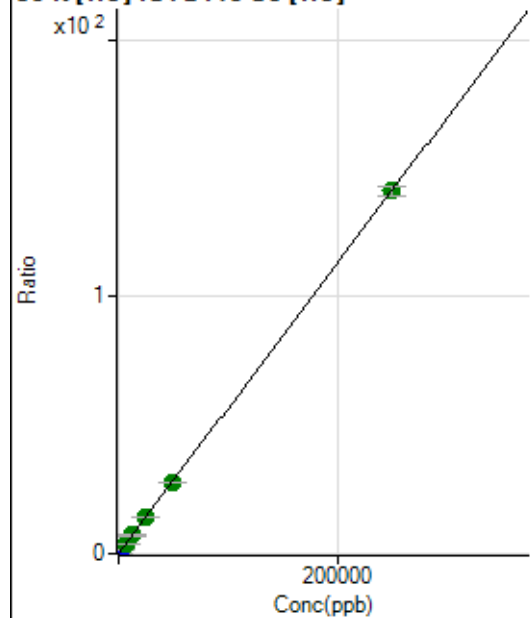
35 Cl [No Gas] No available calibration points



	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	34335.41	0.0686	P	0.4
2	☐	500.000	527.729	181169.10	0.3662	P	0.5
3	☐	2500.000	2716.201	780365.13	1.5999	P	0.1
4	☐	6250.000	6288.249	1698777.93	3.6137	A	1.3
5	☐	12500.000	12487.312	3162212.11	7.1085	A	1.6
6	☐	25000.000	24983.517	6034310.60	14.1534	A	0.3
7	☐	50000.000	49246.434	11742763.30	27.8318	A	0.9
8	☐	250000.00	250149.82	59128332.45	141.0932	A	2.5

$$y = 5.6376E-004 * x + 0.0686$$

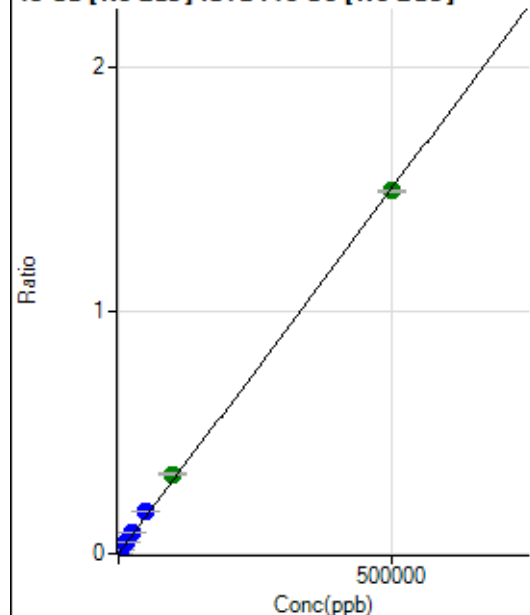
$$R = 1.0000$$

$$DL = 1.511$$

$$BEC = 121.8$$

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	225.56	0.0000	P	35.
2	☐	500.000	527.375	9958.90	0.0016	P	2.1
3	☐	5000.000	5694.150	107601.02	0.0171	P	3.9
4	☐	12500.000	14589.103	262052.30	0.0439	P	1.2
5	☐	25000.000	28809.907	492534.31	0.0866	P	0.0
6	☐	50000.000	57547.006	932727.18	0.1729	P	0.6
7	☐	100000.00	108810.66	1726503.85	0.3270	A	1.6
8	☐	500000.00	497233.47	7606120.58	1.4941	A	0.6

$$y = 3.0047\text{E-}006 * x + 3.6343\text{E-}005$$

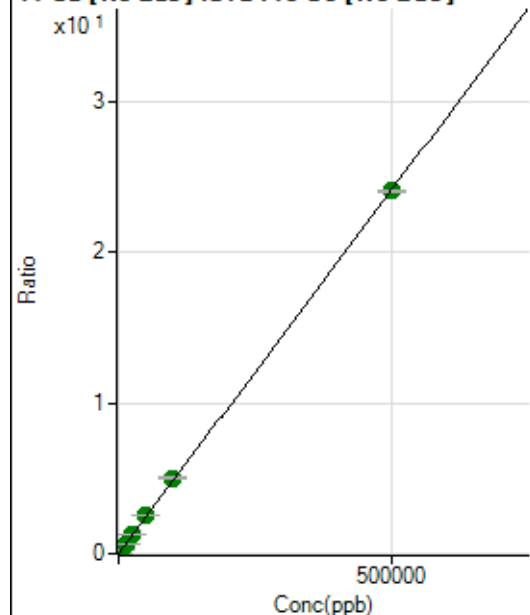
$$R = 0.9998$$

$$DL = 12.86$$

$$BEC = 12.1$$

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	3198.17	0.0005	P	3.9
2	☐	500.000	521.121	157584.20	0.0256	P	0.4
3	☐	5000.000	5205.317	1578452.62	0.2516	A	4.5
4	☐	12500.000	13234.221	3815771.33	0.6388	A	0.8
5	☐	25000.000	26047.827	7147244.82	1.2568	A	0.6
6	☐	50000.000	52147.118	13566800.21	2.5155	A	0.5
7	☐	100000.00	103807.27	26436842.94	5.0069	A	1.4
8	☐	500000.00	498951.01	122505884.8	24.0640	A	0.8

$$y = 4.8228\text{E-}005 * x + 5.1487\text{E-}004$$

$$R = 1.0000$$

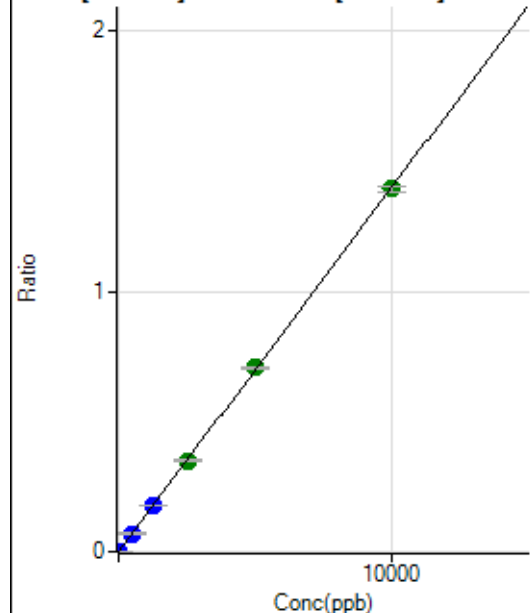
$$DL = 1.248$$

$$BEC = 10.68$$

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	123.33	0.0000	P	24.
2	☐	5.000	4.832	4273.98	0.0007	P	3.5
3	☐	500.000	500.647	439551.64	0.0700	P	4.0
4	☐	1250.000	1283.918	1072744.54	0.1796	P	0.7
5	☐	2500.000	2507.592	1994656.05	0.3507	A	1.0
6	☐	5000.000	5050.310	3809751.51	0.7064	A	0.3
7	☐	10000.000	9968.675	7361702.11	1.3943	A	1.5
8	☐			1670.11	0.0003	P	3.0

$$y = 1.3986E-004 * x + 1.9862E-005$$

$$R = 1.0000$$

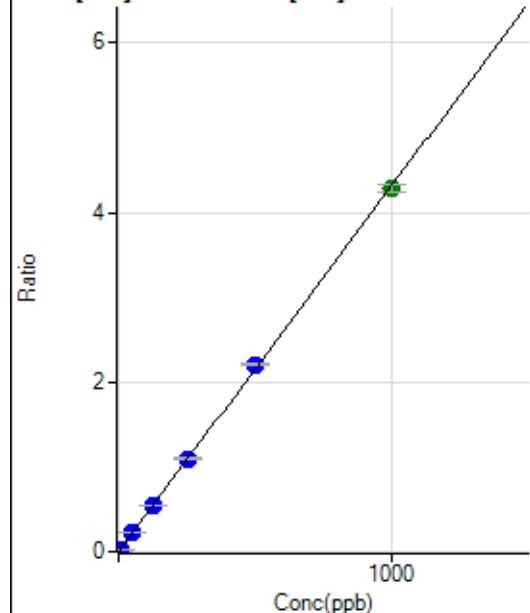
$$DL = 0.1029$$

$$BEC = 0.142$$

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	7.78	0.0000	P	65.
2	☐	5.000	5.106	10906.24	0.0220	P	0.9
3	☐	50.000	51.814	109019.76	0.2235	P	0.6
4	☐	125.000	127.959	259461.47	0.5520	P	0.2
5	☐	250.000	254.985	489304.14	1.0999	P	1.0
6	☐	500.000	512.413	942349.66	2.2103	P	0.7
7	☐	1000.000	992.086	1805456.28	4.2794	A	2.0
8	☐			437.79	0.0010	P	5.5

$$y = 0.0043 * x + 1.5524E-005$$

$$R = 0.9999$$

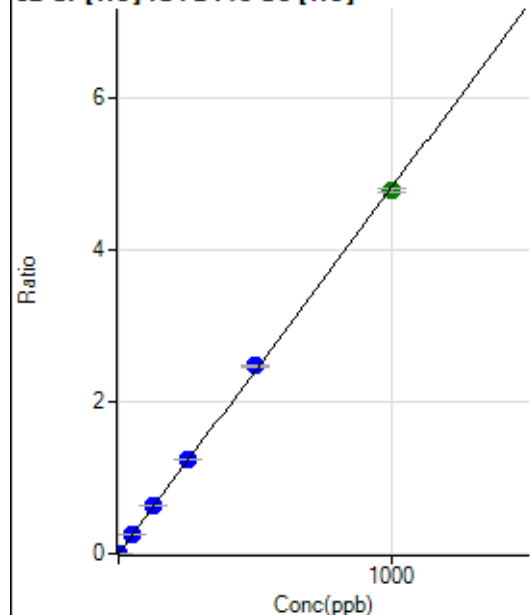
$$DL = 0.007043$$

$$BEC = 0.003599$$

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	413.34	0.0008	P	6.6
2	☐	2.000	2.101	5423.25	0.0110	P	2.4
3	☐	50.000	51.960	122676.94	0.2515	P	0.5
4	☐	125.000	128.977	292896.94	0.6231	P	0.5
5	☐	250.000	256.832	551609.10	1.2399	P	0.8
6	☐	500.000	512.374	1054302.38	2.4728	P	0.2
7	☐	1000.000	991.510	2018631.88	4.7845	A	1.1
8	☐			7677.58	0.0183	P	3.1

$$y = 0.0048 * x + 8.2644E-004$$

$$R = 0.9999$$

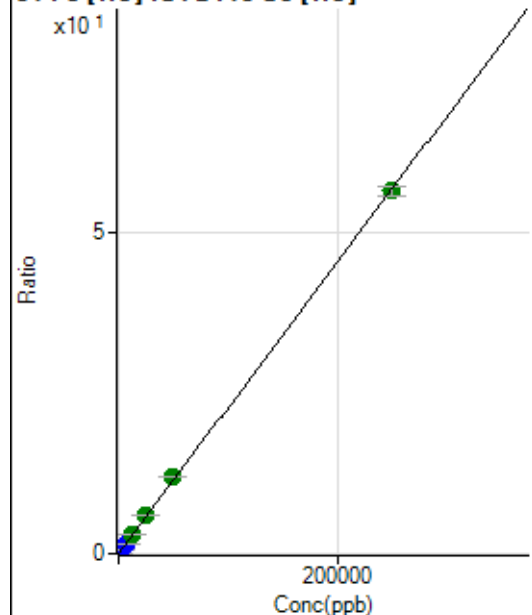
$$DL = 0.0337$$

$$BEC = 0.1713$$

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	1077.83	0.0022	P	6.5
2	☐	50.000	60.769	7876.59	0.0159	P	1.8
3	☐	2500.000	2868.728	317981.76	0.6519	P	0.7
4	☐	6250.000	7079.214	754775.79	1.6056	P	0.6
5	☐	12500.000	13379.474	1349183.33	3.0327	A	1.0
6	☐	25000.000	26864.936	2595347.88	6.0872	A	0.8
7	☐	50000.000	52732.256	5040431.97	11.9464	A	1.0
8	☐	250000.00	249198.66	23654789.37	56.4473	A	2.7

$$y = 2.2651E-004 * x + 0.0022$$

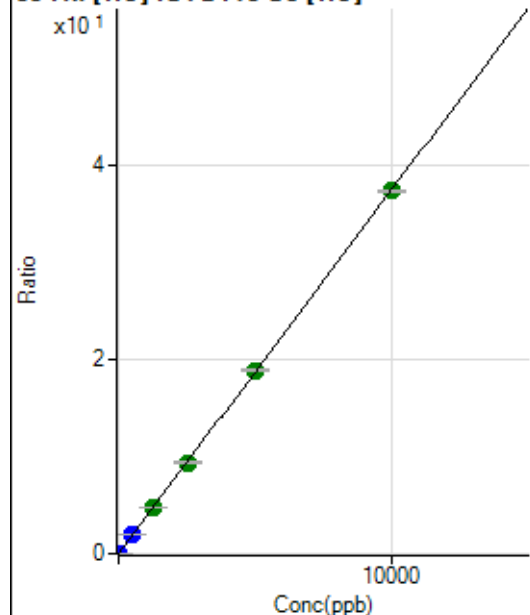
$$R = 0.9999$$

$$DL = 1.846$$

$$BEC = 9.512$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	417.79	0.0008	P	6.8
2	☐	1.000	1.068	2394.66	0.0048	P	2.3
3	☐	500.000	520.232	951964.66	1.9518	P	0.4
4	☐	1250.000	1258.488	2218844.59	4.7203	A	0.9
5	☐	2500.000	2506.921	4182617.93	9.4020	A	1.3
6	☐	5000.000	5042.732	8063140.29	18.9116	A	0.3
7	☐	10000.000	9974.831	15783330.74	37.4074	A	0.5
8	☐			7782.08	0.0186	P	3.2

$$y = 0.0038 * x + 8.3536E-004$$

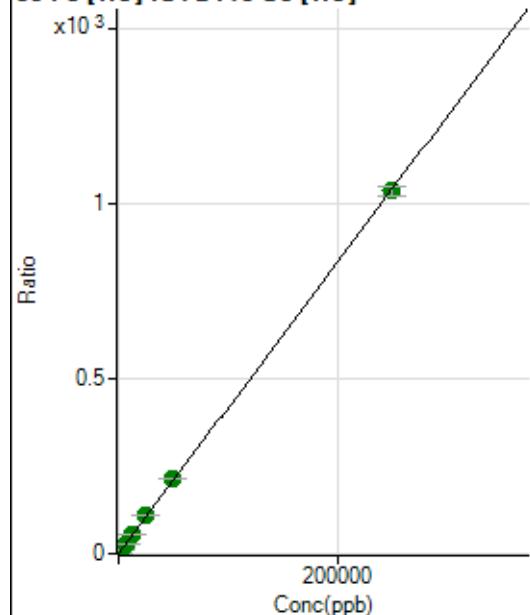
$$R = 1.0000$$

$$DL = 0.04521$$

$$BEC = 0.2228$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9241.80	0.0185	P	1.8
2	☐	50.000	55.956	124387.68	0.2514	P	0.6
3	☐	2500.000	2674.186	5438448.32	11.1500	A	0.1
4	☐	6250.000	6578.743	12881009.67	27.4031	A	0.7
5	☐	12500.000	13198.580	24449403.25	54.9589	A	0.6
6	☐	25000.000	26404.719	46870228.75	109.9307	A	0.3
7	☐	50000.000	51948.889	91245701.97	216.2608	A	0.7
8	☐	250000.00	249424.86	435106229.0	1038.273	A	2.6

$$y = 0.0042 * x + 0.0185$$

$$R = 1.0000$$

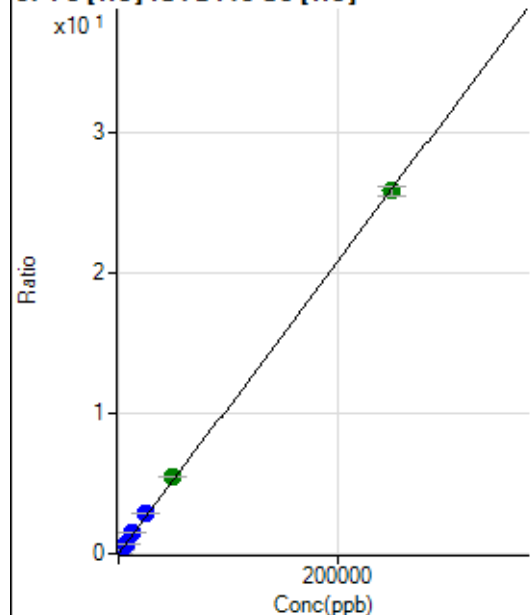
$$DL = 0.2332$$

$$BEC = 4.438$$

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	804.47	0.0016	P	7.5
2	☐	50.000	58.179	3786.06	0.0077	P	2.8
3	☐	2500.000	2818.725	143594.66	0.2944	P	0.3
4	☐	6250.000	7000.823	342581.71	0.7288	P	0.9
5	☐	12500.000	13913.749	643667.11	1.4469	P	0.9
6	☐	25000.000	27807.424	1232189.70	2.8901	P	0.6
7	☐	50000.000	52507.876	2301929.79	5.4559	A	0.9
8	☐	250000.00	249125.03	10844776.78	25.8794	A	2.8

$$y = 1.0387\text{E-}004 * x + 0.0016$$

$$R = 0.9999$$

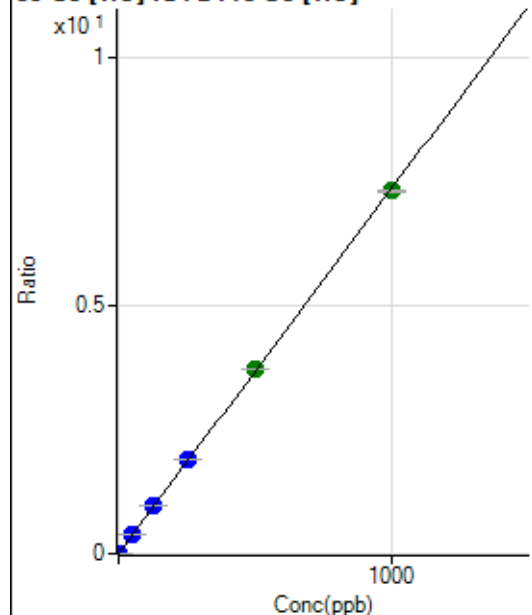
$$DL = 3.507$$

$$BEC = 15.49$$

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	138.89	0.0003	P	11.
2	☐	1.000	1.073	4040.58	0.0082	P	2.1
3	☐	50.000	52.735	189231.44	0.3880	P	0.8
4	☐	125.000	129.785	448632.15	0.9544	P	0.5
5	☐	250.000	258.377	845136.17	1.8997	P	0.6
6	☐	500.000	506.466	1587549.97	3.7236	A	0.7
7	☐	1000.000	993.938	3083212.56	7.3072	A	0.6
8	☐			8184.52	0.0195	P	4.8

$$y = 0.0074 * x + 2.7758\text{E-}004$$

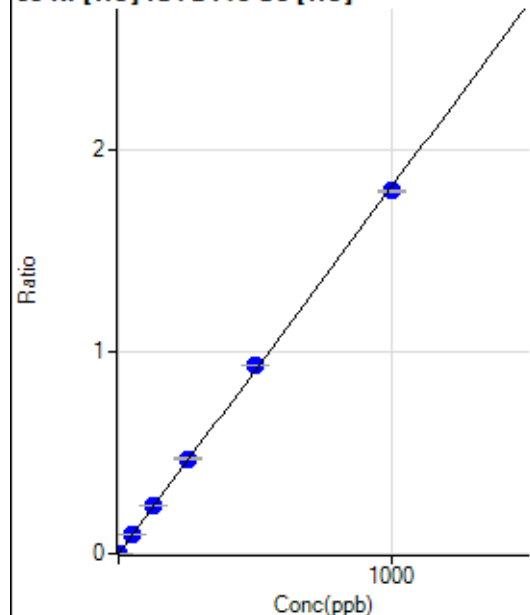
$$R = 0.9999$$

$$DL = 0.01353$$

$$BEC = 0.03776$$

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	112.22	0.0002	P	21.
2	☐	1.000	1.078	1081.16	0.0022	P	5.4
3	☐	50.000	53.598	47670.01	0.0977	P	1.4
4	☐	125.000	132.258	113207.61	0.2408	P	1.0
5	☐	250.000	258.848	209597.74	0.4712	P	0.7
6	☐	500.000	514.402	399101.97	0.9361	P	0.3
7	☐	1000.000	989.500	759643.75	1.8004	P	0.8
8	☐			3937.22	0.0094	P	4.9

$$y = 0.0018 * x + 2.2429E-004$$

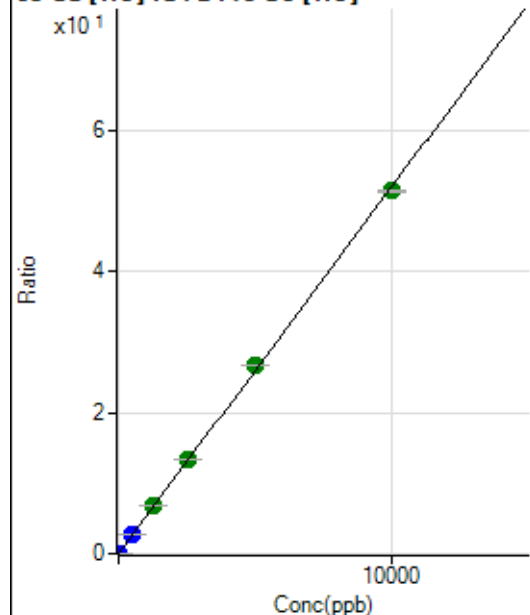
$$R = 0.9998$$

$$DL = 0.07871$$

$$BEC = 0.1233$$

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	548.90	0.0011	P	8.5
2	☐	2.000	1.967	5603.32	0.0113	P	2.5
3	☐	500.000	535.536	1358542.81	2.7853	P	0.7
4	☐	1250.000	1326.541	3242315.96	6.8977	A	1.1
5	☐	2500.000	2580.959	5969857.20	13.4194	A	0.9
6	☐	5000.000	5140.199	11393907.61	26.7248	A	0.9
7	☐	10000.000	9898.316	21712899.95	51.4621	A	0.8
8	☐			4859.72	0.0116	P	2.0

$$y = 0.0052 * x + 0.0011$$

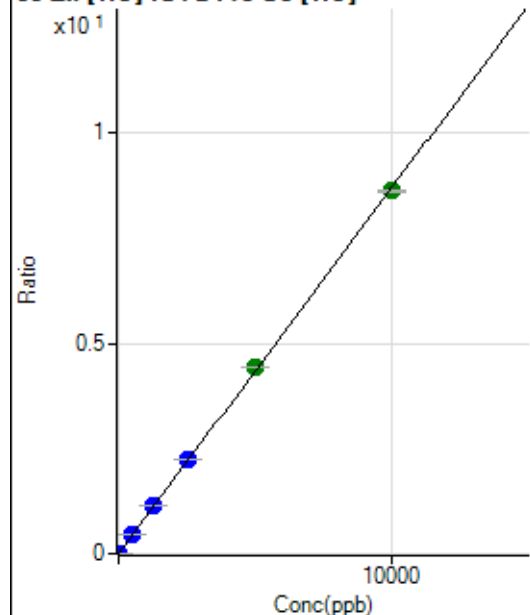
$$R = 0.9998$$

$$DL = 0.05377$$

$$BEC = 0.2111$$

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	347.78	0.0007	P	15.
2	☐	5.000	5.178	2571.36	0.0052	P	3.5
3	☐	500.000	519.456	220586.76	0.4523	P	0.2
4	☐	1250.000	1296.279	530019.14	1.1275	P	0.7
5	☐	2500.000	2580.984	998410.93	2.2443	P	0.9
6	☐	5000.000	5095.073	1888675.27	4.4298	A	0.4
7	☐	10000.000	9925.460	3640825.12	8.6288	A	0.3
8	☐			2271.31	0.0054	P	3.8

$$y = 8.6929\text{E-}004 * x + 6.9552\text{E-}004$$

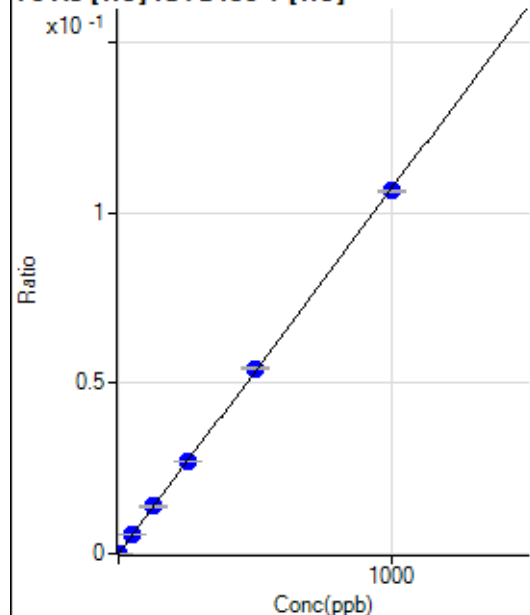
$$R = 0.9999$$

$$DL = 0.3653$$

$$BEC = 0.8001$$

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	11.11	0.0000	P	34.
2	☐	1.000	1.088	337.79	0.0001	P	5.4
3	☐	50.000	52.160	15403.66	0.0056	P	1.1
4	☐	125.000	130.005	37361.32	0.0139	P	1.8
5	☐	250.000	254.491	69925.73	0.0273	P	0.9
6	☐	500.000	507.440	135091.00	0.0544	P	0.7
7	☐	1000.000	994.424	264273.16	0.1065	P	0.4
8	☐			188.89	0.0001	P	12.

$$y = 1.0714\text{E-}004 * x + 3.9174\text{E-}006$$

$$R = 0.9999$$

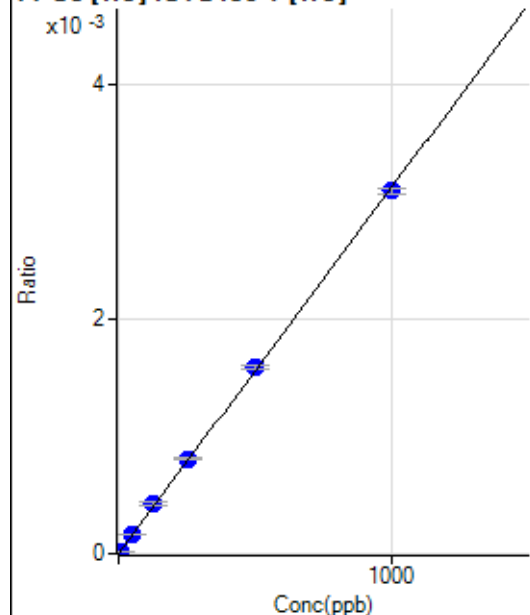
$$DL = 0.03819$$

$$BEC = 0.03656$$

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	4.832	42.22	0.0000	P	25.
3	☐	50.000	51.628	443.34	0.0002	P	6.3
4	☐	125.000	137.310	1147.83	0.0004	P	5.9
5	☐	250.000	258.762	2067.94	0.0008	P	2.1
6	☐	500.000	510.450	3952.78	0.0016	P	2.2
7	☐	1000.000	990.965	7659.82	0.0031	P	1.7
8	☐			2.22	0.0000	P	86.

$$y = 3.1167\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

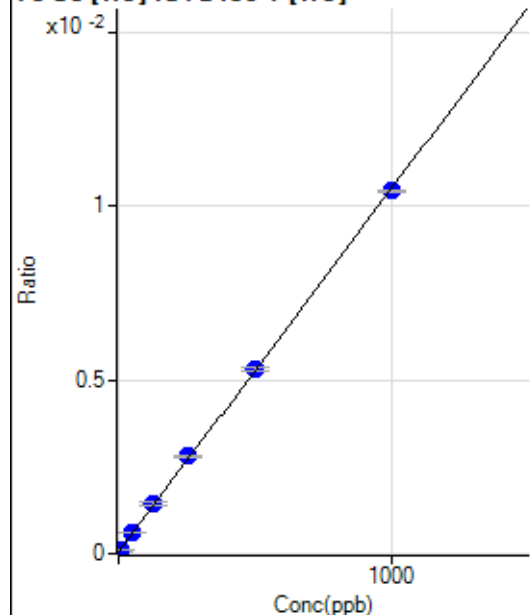
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0000	P	21.
2	☐	5.000	5.517	298.89	0.0001	P	17.
3	☐	50.000	52.974	1661.22	0.0006	P	4.3
4	☐	125.000	133.961	3892.77	0.0015	P	7.1
5	☐	250.000	264.013	7209.60	0.0028	P	1.8
6	☐	500.000	503.224	13204.87	0.0053	P	1.5
7	☐	1000.000	993.613	25912.69	0.0104	P	0.8
8	☐			110.00	0.0000	P	25.

$$y = 1.0465\text{E-}005 * x + 4.8930\text{E-}005$$

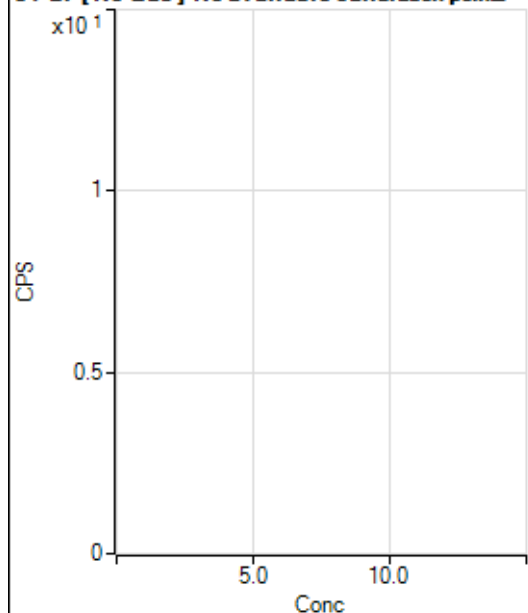
$$R = 0.9999$$

$$DL = 3.039$$

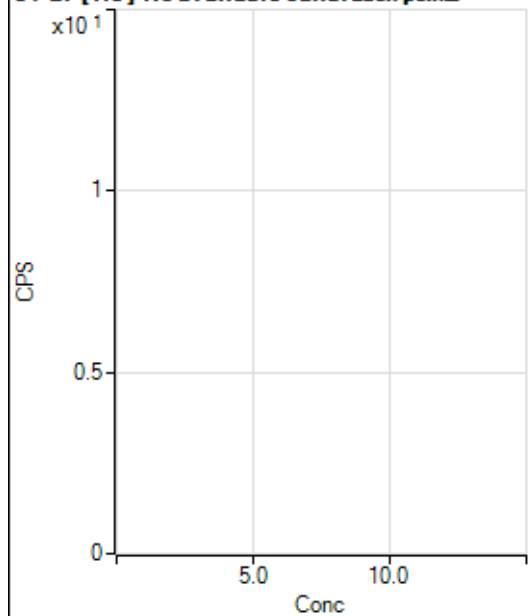
$$BEC = 4.676$$

Weight: <None>

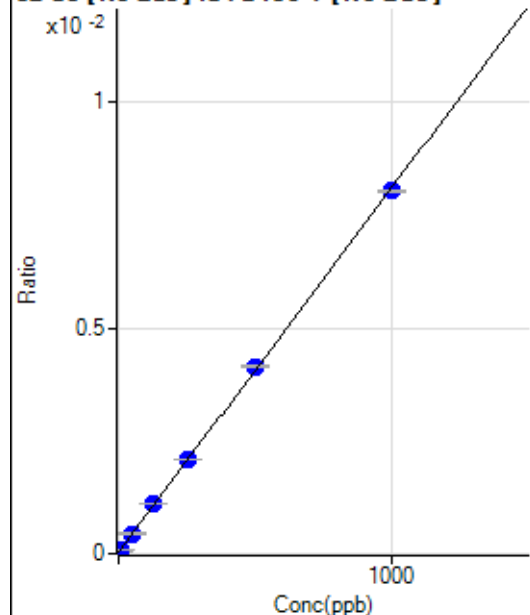
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8177.90		P	1.7
2	☐			7970.00		P	1.7
3	☐			7626.47		P	4.3
4	☐			7639.82		P	3.1
5	☐			6897.22		P	3.4
6	☐			6733.83		P	0.9
7	☐			6557.07		P	3.1
8	☐			6886.12		P	2.9

81 Br [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			48.89		P	39.
2	☐			45.56		P	36.
3	☐			31.11		P	16.
4	☐			37.78		P	18.
5	☐			30.00		P	29.
6	☐			22.22		P	48.
7	☐			48.89		P	10.
8	☐			41.11		P	52.

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	389.51	0.0000	P	3.6
2	☐	5.000	4.718	842.83	0.0001	P	3.9
3	☐	50.000	51.000	5445.50	0.0004	P	2.2
4	☐	125.000	131.813	12961.12	0.0011	P	0.1
5	☐	250.000	256.517	24117.18	0.0021	P	0.5
6	☐	500.000	510.047	45919.53	0.0042	P	0.4
7	☐	1000.000	992.447	88716.03	0.0080	P	0.8
8	☐			423.84	0.0000	P	9.0

$$y = 8.0739E-006 * x + 3.1938E-005$$

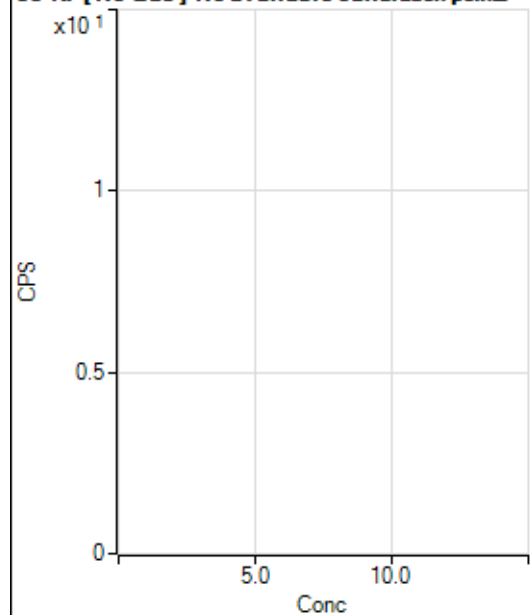
$$R = 0.9999$$

$$DL = 0.4272$$

$$BEC = 3.956$$

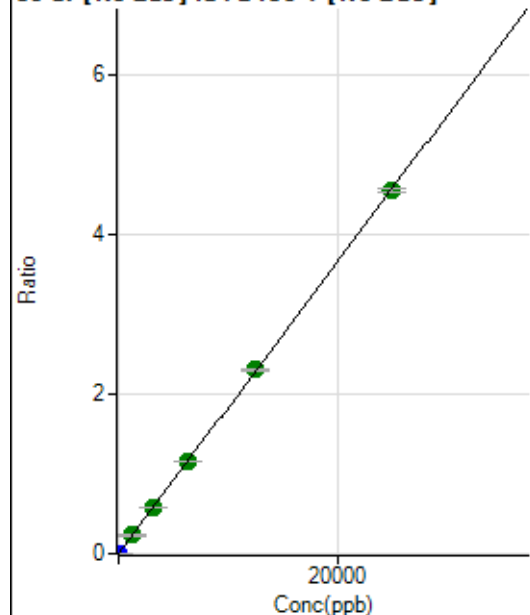
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			116.67		P	25.
2	☐			133.34		P	11.
3	☐			133.34		P	2.5
4	☐			105.56		P	7.9
5	☐			106.67		P	8.3
6	☐			121.11		P	19.
7	☐			120.00		P	16.
8	☐			114.45		P	22.

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	185.56	0.0000	P	2.5
2	☐	1.000	1.016	2413.55	0.0002	P	5.7
3	☐	1250.000	1266.844	2835422.28	0.2311	A	4.2
4	☐	3125.000	3206.076	6915370.66	0.5849	A	1.2
5	☐	6250.000	6338.194	13260894.38	1.1563	A	0.7
6	☐	12500.000	12633.300	25501874.90	2.3048	A	1.2
7	☐	25000.000	24900.325	50096082.03	4.5428	A	1.0
8	☐			7818.80	0.0008	P	0.4

$$y = 1.8244\text{E-}004 * x + 1.5218\text{E-}005$$

$$R = 1.0000$$

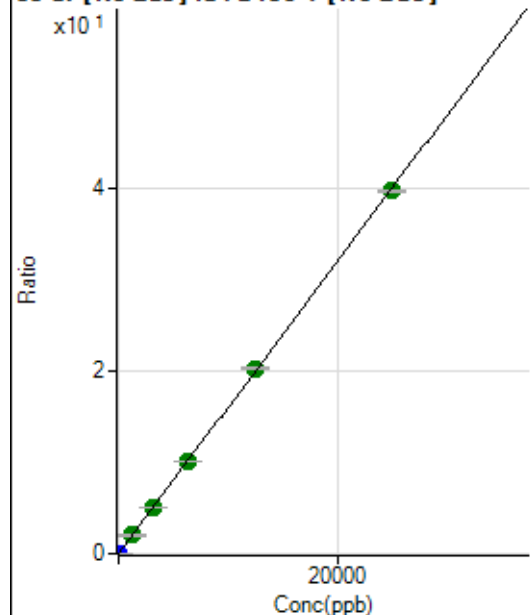
$$DL = 0.006183$$

$$BEC = 0.08342$$

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	211.12	0.0000	P	5.3
2	☐	1.000	1.010	19578.68	0.0016	P	2.7
3	☐	1250.000	1261.383	24657192.13	2.0101	A	4.6
4	☐	3125.000	3188.582	60075377.99	5.0813	A	0.8
5	☐	6250.000	6345.228	115958553.8	10.1116	A	0.3
6	☐	12500.000	12707.943	224079236.6	20.2511	A	0.9
7	☐	25000.000	24863.705	436939971.2	39.6222	A	0.8
8	☐			68256.30	0.0067	P	2.5

$$y = 0.0016 * x + 1.7314\text{E-}005$$

$$R = 0.9999$$

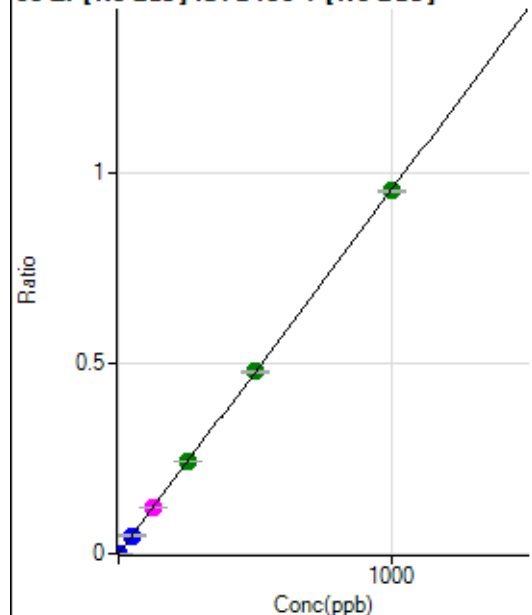
$$DL = 0.001718$$

$$BEC = 0.01087$$

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	631.13	0.0001	P	5.1
2	☐	1.000	1.018	12334.13	0.0010	P	2.2
3	☐	50.000	49.777	584300.84	0.0476	P	3.9
4	☐	125.000	127.854	1445308.29	0.1222	M	1.1
5	☐	250.000	254.094	2785575.65	0.2429	A	0.3
6	☐	500.000	502.064	5309917.25	0.4799	A	1.0
7	☐	1000.000	997.599	10515271.09	0.9535	A	0.4
8	☐			7068.43	0.0007	P	1.2

$$y = 9.5575\text{E-}004 * x + 5.1748\text{E-}005$$

$$R = 1.0000$$

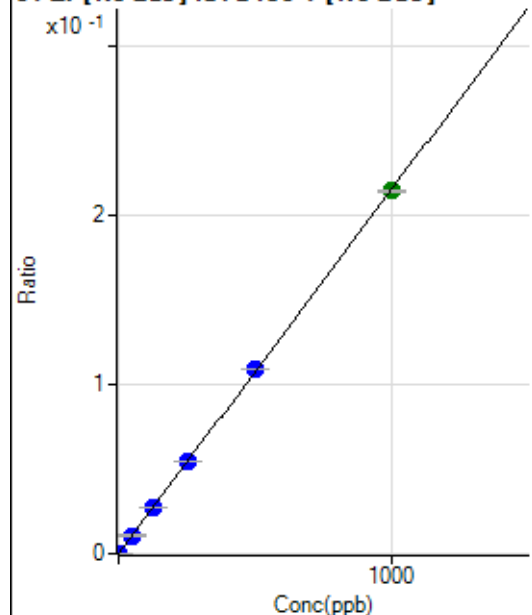
$$DL = 0.008289$$

$$BEC = 0.05414$$

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	125.56	0.0000	P	21.
2	☐	1.000	1.034	2795.84	0.0002	P	8.7
3	☐	50.000	49.882	131574.21	0.0107	P	3.1
4	☐	125.000	127.330	323416.05	0.0274	P	1.1
5	☐	250.000	252.602	622237.08	0.0543	P	0.2
6	☐	500.000	505.357	1200999.81	0.1085	P	0.4
7	☐	1000.000	996.386	2359849.53	0.2140	A	0.9
8	☐			1573.43	0.0002	P	3.3

$$y = 2.1476\text{E-}004 * x + 1.0304\text{E-}005$$

$$R = 1.0000$$

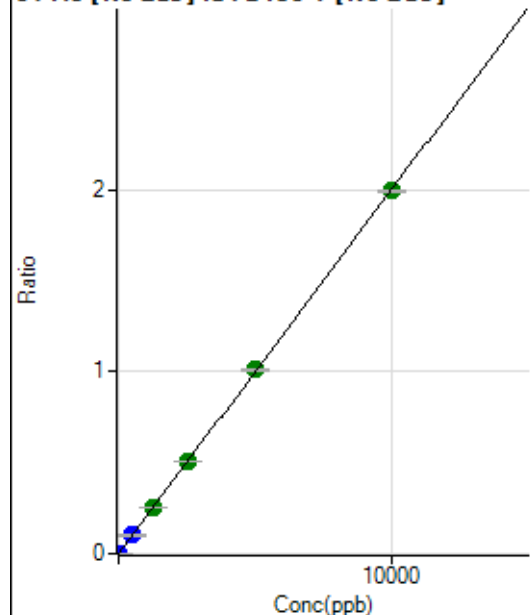
$$DL = 0.03124$$

$$BEC = 0.04798$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	248.89	0.0000	P	4.9
2	☐	5.000	5.706	13991.24	0.0012	P	0.1
3	☐	500.000	508.564	1248632.93	0.1018	P	4.2
4	☐	1250.000	1279.618	3027285.79	0.2561	A	1.7
5	☐	2500.000	2521.390	5786101.58	0.5046	A	0.4
6	☐	5000.000	5049.066	11179017.75	1.0103	A	1.1
7	☐	10000.000	9965.988	21991958.84	1.9942	A	0.8
8	☐			6579.31	0.0006	P	2.6

$$y = 2.0010\text{E-}004 * x + 2.0408\text{E-}005$$

$$R = 1.0000$$

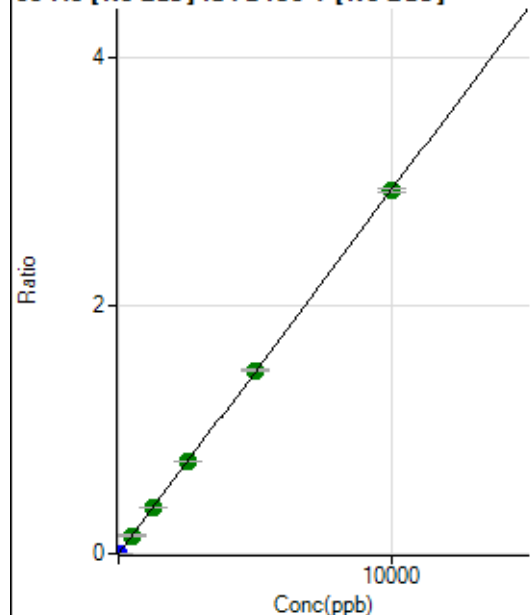
$$DL = 0.01495$$

$$BEC = 0.102$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	68.89	0.0000	P	23.
2	☐	5.000	4.705	16657.34	0.0014	P	2.0
3	☐	500.000	499.381	1794514.09	0.1463	A	4.0
4	☐	1250.000	1272.459	4406407.68	0.3727	A	1.2
5	☐	2500.000	2526.258	8485463.48	0.7400	A	0.8
6	☐	5000.000	5033.654	16313480.31	1.4744	A	1.1
7	☐	10000.000	9973.832	32215860.35	2.9214	A	1.0
8	☐			6703.82	0.0007	P	1.9

$$y = 2.9290\text{E-}004 * x + 5.6470\text{E-}006$$

$$R = 1.0000$$

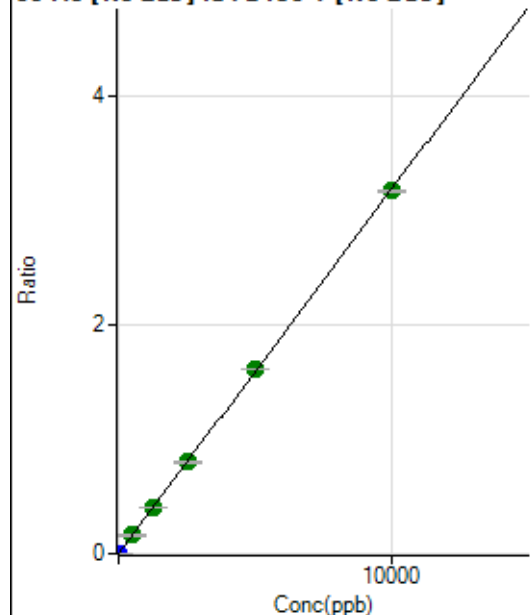
$$DL = 0.01366$$

$$BEC = 0.01928$$

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	138.89	0.0000	P	16.
2	☐	5.000	4.955	19119.24	0.0016	P	2.2
3	☐	500.000	507.026	1979751.31	0.1614	A	4.0
4	☐	1250.000	1270.725	4780974.17	0.4044	A	1.5
5	☐	2500.000	2516.858	9185145.28	0.8010	A	0.8
6	☐	5000.000	5068.719	17848191.96	1.6131	A	0.8
7	☐	10000.000	9958.484	34948783.64	3.1692	A	0.8
8	☐			12906.90	0.0013	P	0.5

$$y = 3.1824\text{E-}004 * x + 1.1397\text{E-}005$$

$$R = 1.0000$$

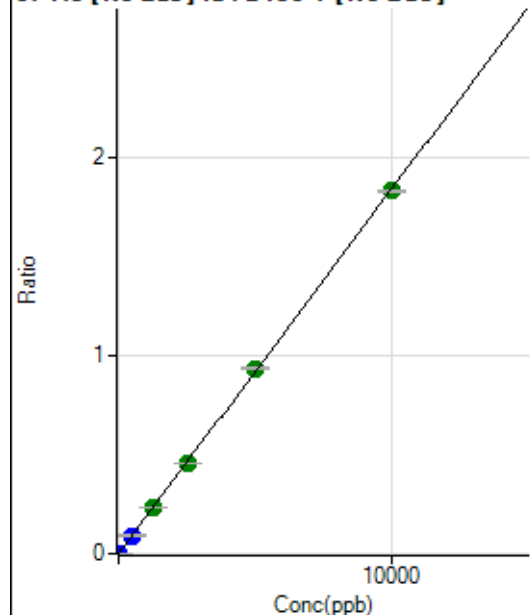
$$DL = 0.01733$$

$$BEC = 0.03581$$

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	37.78	0.0000	P	14.
2	☐	5.000	4.723	10473.83	0.0009	P	0.8
3	☐	500.000	495.747	1116540.53	0.0910	P	3.2
4	☐	1250.000	1270.860	2757965.44	0.2333	A	1.0
5	☐	2500.000	2490.150	5241369.09	0.4571	A	0.9
6	☐	5000.000	5086.454	10330281.58	0.9336	A	0.5
7	☐	10000.000	9956.841	20154154.42	1.8276	A	0.4
8	☐			4046.16	0.0004	P	4.4

$$y = 1.8355\text{E-}004 * x + 3.0994\text{E-}006$$

$$R = 0.9999$$

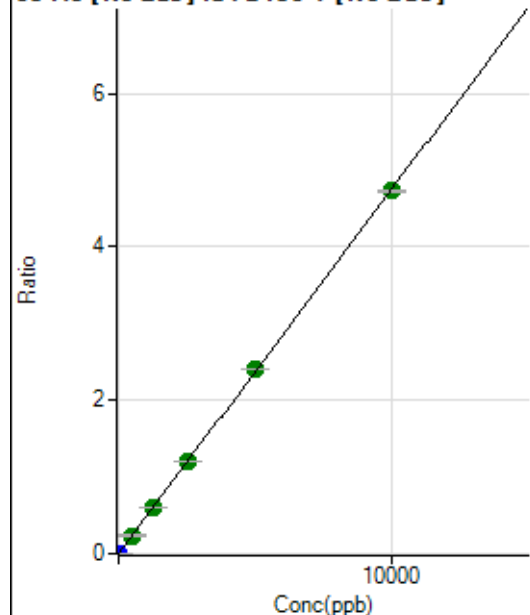
$$DL = 0.007071$$

$$BEC = 0.01689$$

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	115.56	0.0000	P	29.
2	☐	5.000	4.761	27324.47	0.0023	P	1.7
3	☐	500.000	497.299	2896793.74	0.2361	A	3.6
4	☐	1250.000	1271.212	7135401.63	0.6035	A	1.4
5	☐	2500.000	2525.061	13747643.27	1.1988	A	0.2
6	☐	5000.000	5059.372	26577245.71	2.4019	A	0.4
7	☐	10000.000	9961.532	52152851.45	4.7292	A	0.5
8	☐			10347.07	0.0010	P	1.0

$$y = 4.7475\text{E-}004 * x + 9.4661\text{E-}006$$

$$R = 1.0000$$

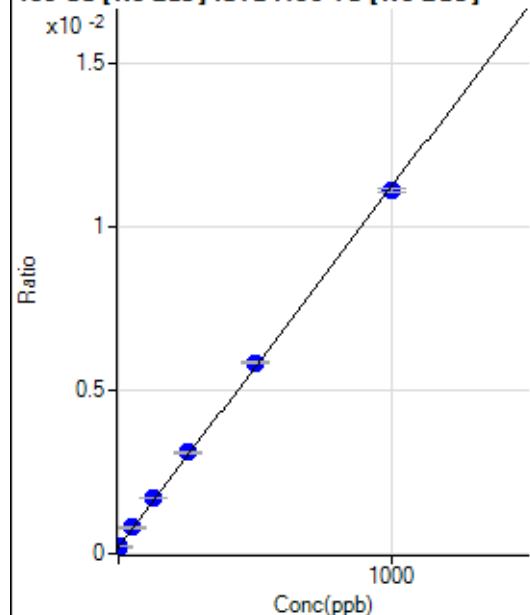
$$DL = 0.01734$$

$$BEC = 0.01994$$

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	3132.59	0.0002	P	5.0
2	☐	1.000	2.138	3454.89	0.0002	P	4.9
3	☐	50.000	54.408	12648.90	0.0008	P	5.9
4	☐	125.000	137.233	26436.32	0.0017	P	0.5
5	☐	250.000	263.143	47170.72	0.0031	P	1.2
6	☐	500.000	512.244	87112.42	0.0058	P	0.6
7	☐	1000.000	988.842	167855.69	0.0111	P	1.0
8	☐			2788.08	0.0002	P	5.1

$$y = 1.1005\text{E-}005 * x + 2.0310\text{E-}004$$

$$R = 0.9998$$

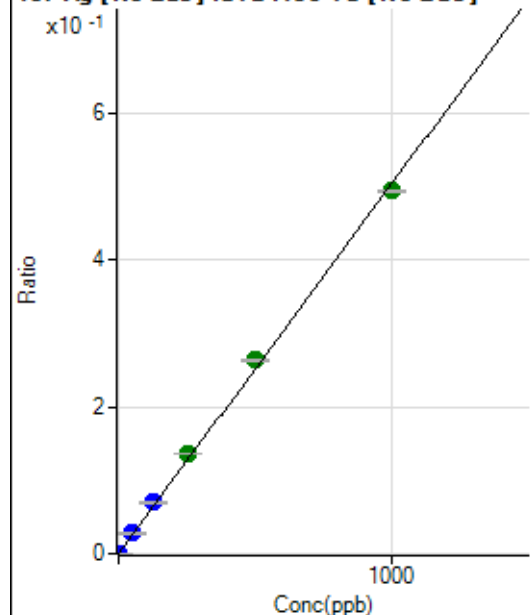
$$DL = 2.783$$

$$BEC = 18.46$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.45	0.0000	P	18.
2	☐	1.000	1.065	8257.97	0.0005	P	2.0
3	☐	50.000	54.823	435801.99	0.0276	P	6.6
4	☐	125.000	138.237	1075006.70	0.0697	P	0.8
5	☐	250.000	269.374	2066386.78	0.1358	A	0.5
6	☐	500.000	523.107	3932214.35	0.2636	A	0.4
7	☐	1000.000	981.707	7491684.68	0.4947	A	0.8
8	☐			1363.41	0.0001	P	8.5

$$y = 5.0396\text{E-}004 * x + 4.8272\text{E-}006$$

$$R = 0.9993$$

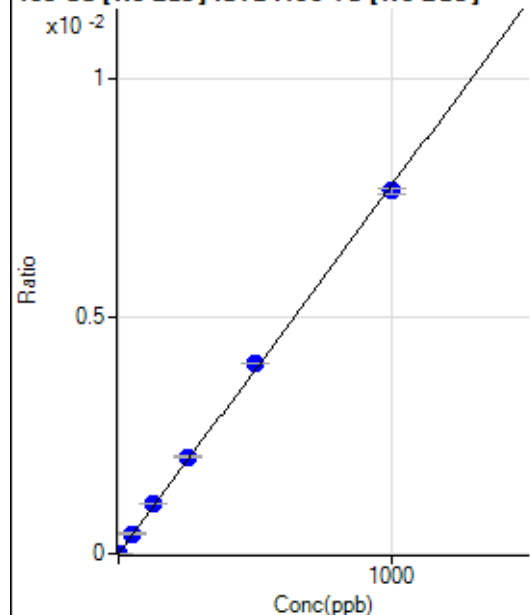
$$DL = 0.005194$$

$$BEC = 0.009579$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.
2	☐	1.000	1.073	133.34	0.0000	P	11.
3	☐	50.000	54.311	6639.36	0.0004	P	8.3
4	☐	125.000	136.000	16264.78	0.0011	P	2.1
5	☐	250.000	263.738	31111.18	0.0020	P	1.8
6	☐	500.000	518.275	59901.82	0.0040	P	0.1
7	☐	1000.000	985.838	115662.13	0.0076	P	1.7
8	☐			58.89	0.0000	P	30.

$$y = 7.7479\text{E-}006 * x + 4.3233\text{E-}007$$

$$R = 0.9996$$

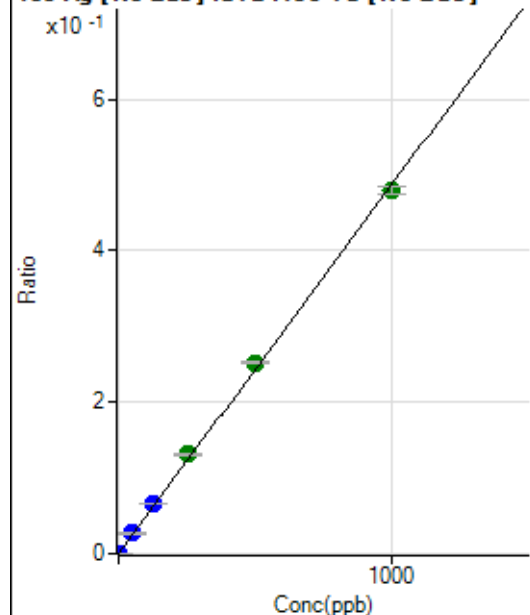
$$DL = 0.08364$$

$$BEC = 0.0558$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.00	0.0000	P	8.0
2	☐	1.000	1.064	7937.81	0.0005	P	2.8
3	☐	50.000	54.985	422298.04	0.0268	P	5.5
4	☐	125.000	136.594	1025955.98	0.0665	P	0.2
5	☐	250.000	269.292	1995274.94	0.1311	A	0.8
6	☐	500.000	518.676	3765885.15	0.2525	A	0.7
7	☐	1000.000	984.141	7253590.80	0.4790	A	2.0
8	☐			1333.41	0.0001	P	10.

$$y = 4.8676E-004 * x + 2.5932E-006$$

$$R = 0.9995$$

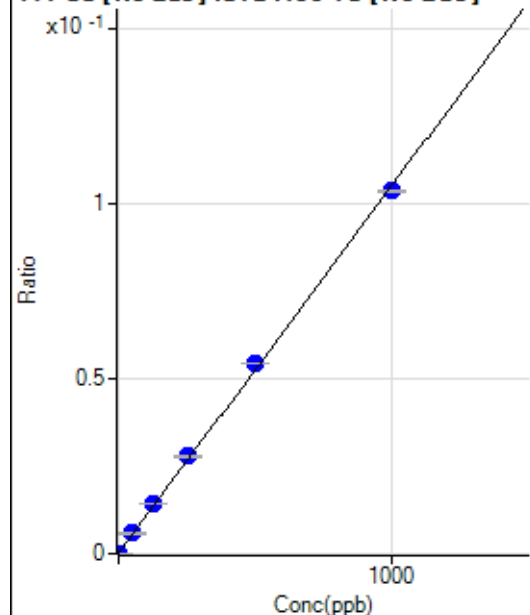
$$DL = 0.001282$$

$$BEC = 0.005327$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2193.70	0.0001	P	5.3
2	☐	1.000	1.215	4110.77	0.0003	P	0.9
3	☐	50.000	53.673	91034.74	0.0058	P	6.5
4	☐	125.000	136.005	222316.89	0.0144	P	0.3
5	☐	250.000	263.540	422930.35	0.0278	P	0.4
6	☐	500.000	516.536	810269.99	0.0543	P	0.2
7	☐	1000.000	986.787	1569500.95	0.1036	P	0.8
8	☐			2158.21	0.0002	P	5.3

$$y = 1.0489E-004 * x + 1.4222E-004$$

$$R = 0.9997$$

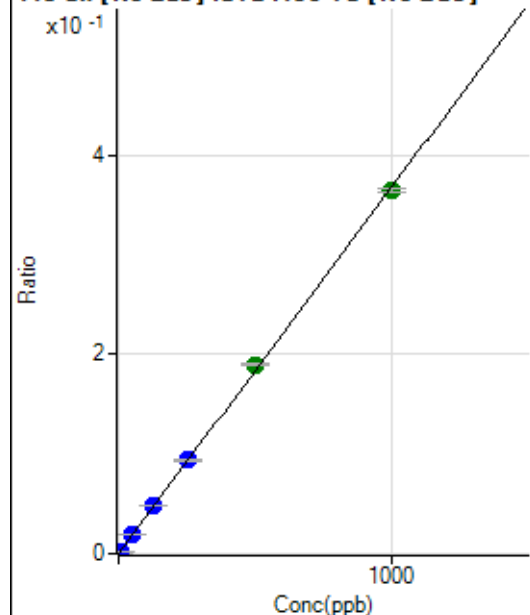
$$DL = 0.2139$$

$$BEC = 1.356$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	747.84	0.0000	P	19.
2	☐	5.000	5.245	30124.95	0.0020	P	0.7
3	☐	50.000	51.690	300548.17	0.0190	P	4.8
4	☐	125.000	130.166	738872.32	0.0479	P	0.5
5	☐	250.000	254.581	1424820.05	0.0936	P	0.4
6	☐	500.000	515.354	2825686.24	0.1894	A	1.0
7	☐	1000.000	990.446	5512535.68	0.3640	A	1.1
8	☐			7243.00	0.0005	P	3.2

$$y = 3.6751E-004 * x + 4.8512E-005$$

$$R = 0.9998$$

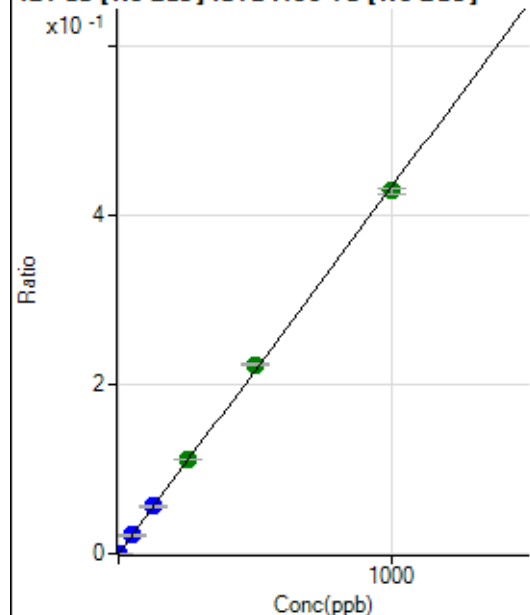
$$DL = 0.07758$$

$$BEC = 0.132$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0000	P	8.9
2	☐	2.000	2.049	13654.35	0.0009	P	0.7
3	☐	50.000	50.845	348175.42	0.0221	P	6.5
4	☐	125.000	128.842	863020.09	0.0559	P	0.8
5	☐	250.000	258.097	1705355.23	0.1120	A	0.6
6	☐	500.000	516.031	3341081.51	0.2240	A	0.6
7	☐	1000.000	989.438	6503306.29	0.4295	A	1.4
8	☐			5343.26	0.0004	P	3.2

$$y = 4.3407E-004 * x + 6.3412E-006$$

$$R = 0.9998$$

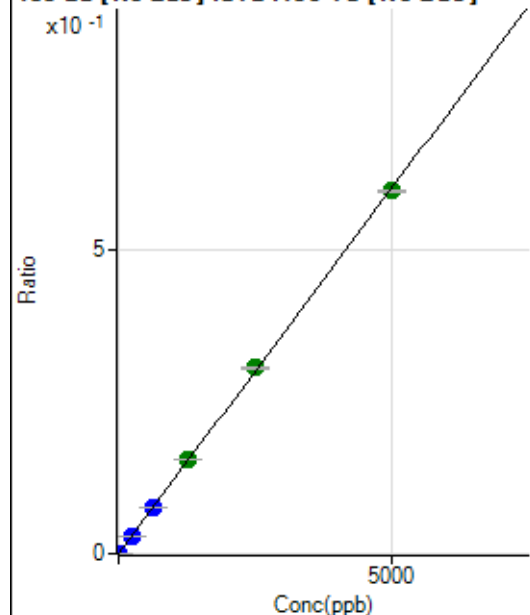
$$DL = 0.003896$$

$$BEC = 0.01461$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0000	P	11.
2	☐	10.000	9.749	17982.56	0.0012	P	2.2
3	☐	250.000	241.955	459620.30	0.0291	P	5.5
4	☐	625.000	620.395	1152460.26	0.0747	P	0.4
5	☐	1250.000	1291.883	2367305.19	0.1555	A	0.5
6	☐	2500.000	2544.603	4569117.40	0.3063	A	0.7
7	☐	5000.000	4968.206	9056728.61	0.5981	A	0.7
8	☐			3360.43	0.0002	P	2.4

$$y = 1.2038\text{E-}004 * x + 5.8359\text{E-}006$$

$$R = 0.9999$$

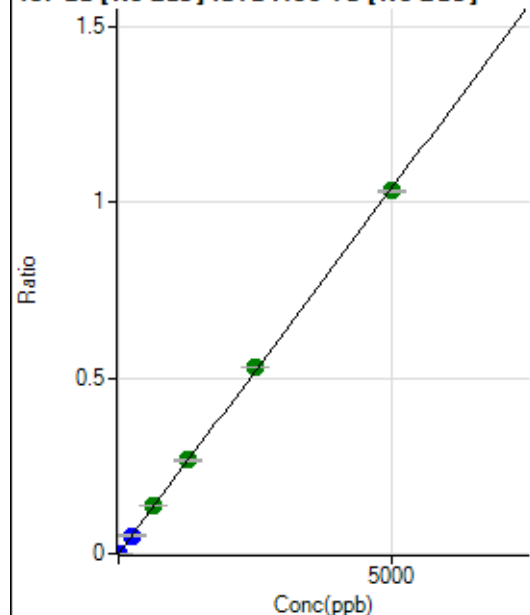
$$DL = 0.01619$$

$$BEC = 0.04848$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	157.78	0.0000	P	17.
2	☐	10.000	9.747	31012.70	0.0020	P	1.4
3	☐	250.000	246.539	807996.12	0.0512	P	4.9
4	☐	625.000	646.805	2072465.20	0.1343	A	0.3
5	☐	1250.000	1281.214	4049544.70	0.2660	A	0.7
6	☐	2500.000	2544.361	7880372.31	0.5283	A	0.1
7	☐	5000.000	4967.464	15619154.77	1.0315	A	0.9
8	☐			6020.21	0.0004	P	1.7

$$y = 2.0764\text{E-}004 * x + 1.0229\text{E-}005$$

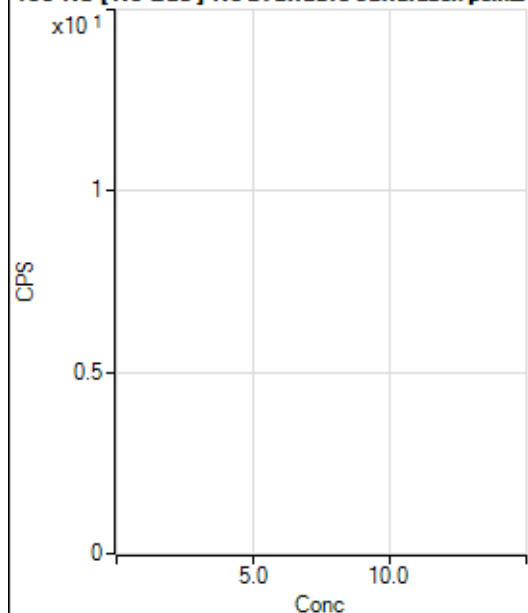
$$R = 0.9999$$

$$DL = 0.02629$$

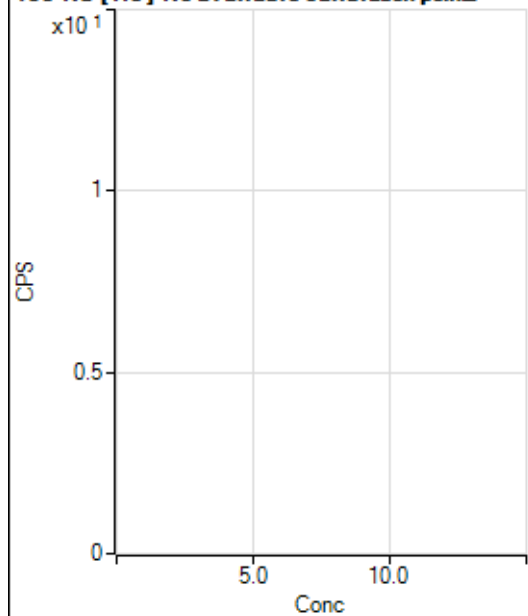
$$BEC = 0.04926$$

Weight: <None>

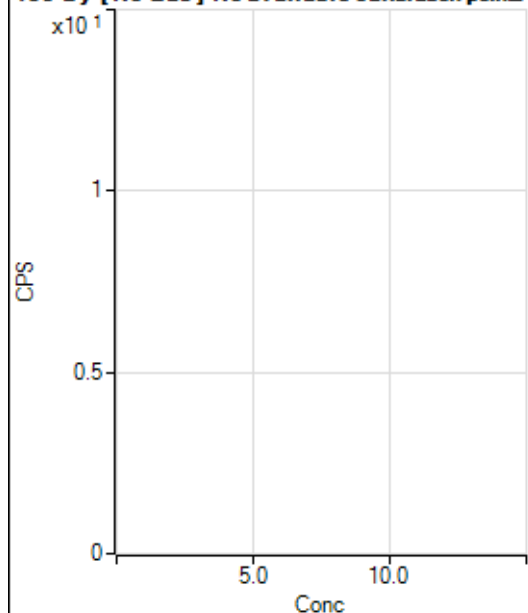
Min Conc: 0

150 Nd [No Gas] No available calibration points

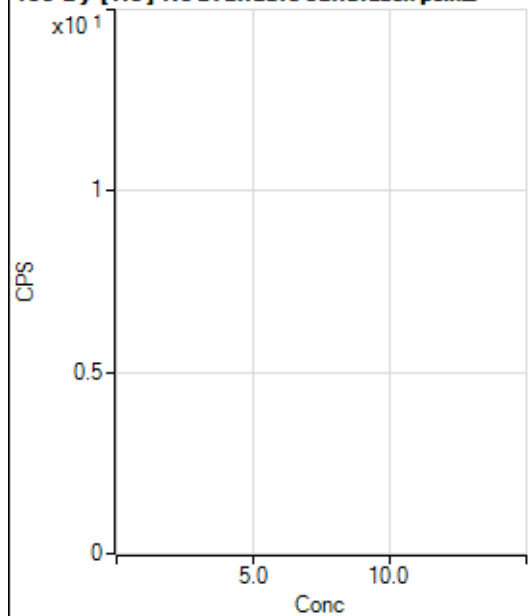
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	68.
2	☐			4.45		P	86.
3	☐			38.89		P	47.
4	☐			66.67		P	30.
5	☐			156.67		P	18.
6	☐			330.01		P	11.
7	☐			541.13		P	11.
8	☐			153.34		P	5.7

150 Nd [He] No available calibration points

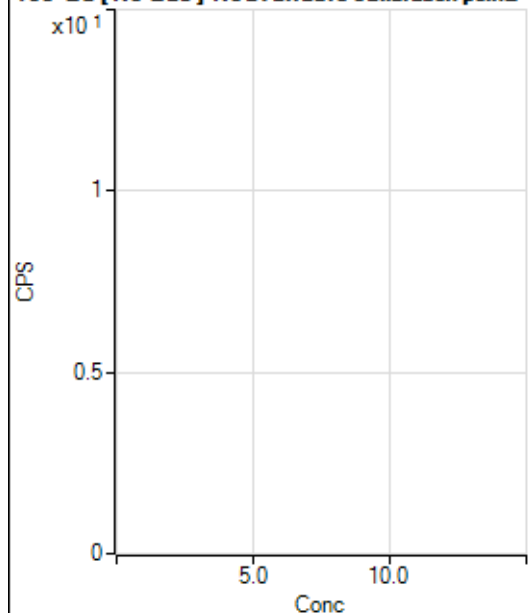
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.
2	☐			2.22		P	86.
3	☐			5.56		P	34.
4	☐			20.00		P	50.
5	☐			28.89		P	24.
6	☐			56.67		P	41.
7	☐			113.34		P	22.
8	☐			75.55		P	9.2

156 Dy [No Gas] No available calibration points

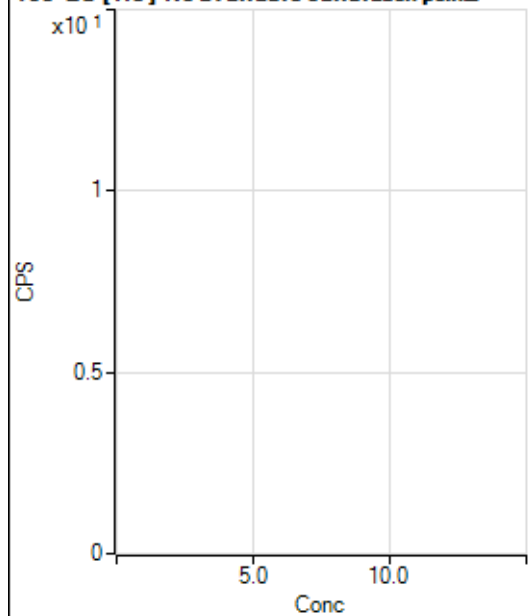
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	22.
2	☐			46.67		P	25.
3	☐			56.67		P	11.
4	☐			66.67		P	18.
5	☐			77.78		P	16.
6	☐			105.56		P	7.9
7	☐			185.56		P	13.
8	☐			291.12		P	13.

156 Dy [He] No available calibration points

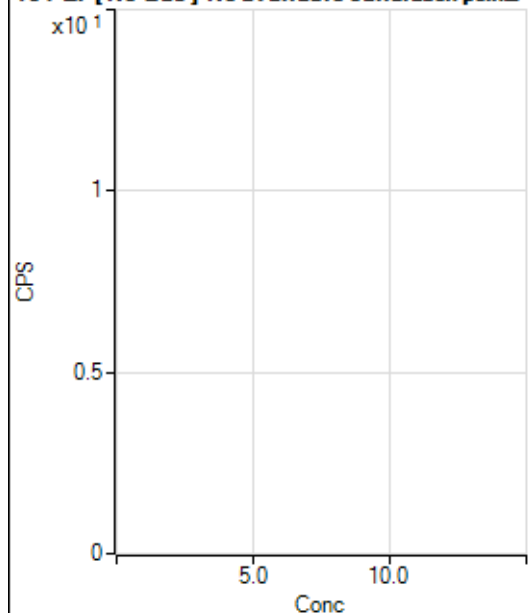
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.
2	☐			11.11		P	96.
3	☐			38.89		P	9.9
4	☐			60.00		P	41.
5	☐			131.11		P	50.
6	☐			194.45		P	7.7
7	☐			400.01		P	10.
8	☐			177.78		P	27.

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

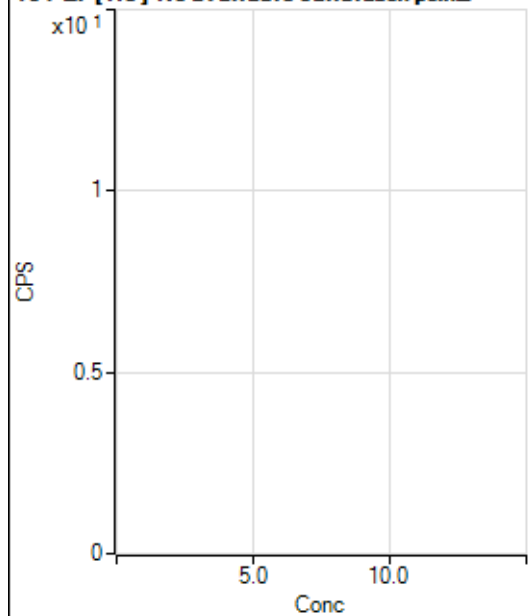
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	35.
2	☐			45.56		P	11.
3	☐			41.11		P	9.4
4	☐			66.67		P	27.
5	☐			75.56		P	6.7
6	☐			88.89		P	15.
7	☐			113.34		P	5.1
8	☐			255.56		P	2.7

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			470.01		P	1.4
2	☐			477.79		P	2.8
3	☐			426.68		P	10.
4	☐			446.68		P	4.9
5	☐			467.79		P	14.
6	☐			448.90		P	13.
7	☐			417.79		P	5.1
8	☐			557.80		P	9.9

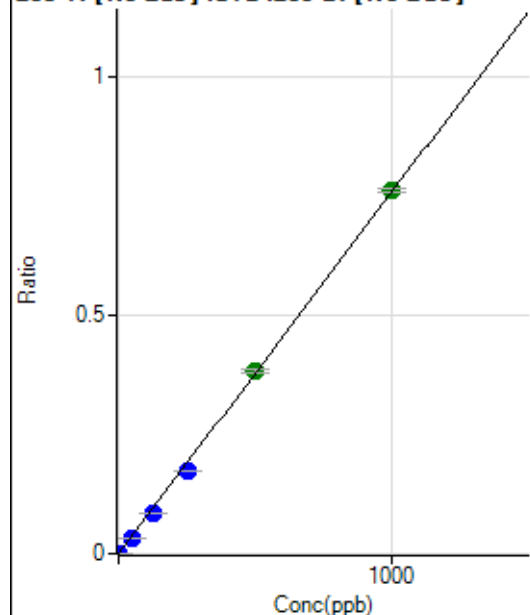
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	6.6
2	☐			102.22		P	15.
3	☐			121.11		P	20.
4	☐			128.89		P	24.
5	☐			131.11		P	19.
6	☐			145.56		P	15.
7	☐			168.89		P	7.5
8	☐			270.01		P	3.3

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	9.1
2	☐			74.44		P	10.
3	☐			77.78		P	9.9
4	☐			67.78		P	18.
5	☐			76.67		P	4.4
6	☐			85.55		P	12.
7	☐			123.34		P	7.1
8	☐			162.23		P	17.

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	134.45	0.0000	P	20.
2	☐	1.000	0.891	6337.09	0.0007	P	4.3
3	☐	50.000	44.527	322285.56	0.0337	P	1.3
4	☐	125.000	113.759	809125.22	0.0862	P	0.8
5	☐	250.000	227.447	1599558.74	0.1723	P	0.9
6	☐	500.000	505.919	3491454.84	0.3831	A	1.3
7	☐	1000.000	1004.358	6834774.83	0.7606	A	0.9
8	☐			976.71	0.0001	P	6.8

$$y = 7.5726E-004 * x + 1.4336E-005$$

$$R = 0.9997$$

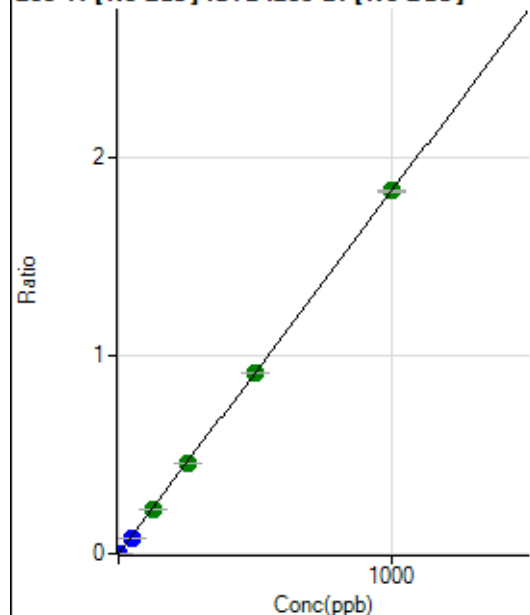
$$DL = 0.01144$$

$$BEC = 0.01893$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	327.79	0.0000	P	3.8
2	☐	1.000	0.876	15084.01	0.0016	P	0.7
3	☐	50.000	44.022	770966.95	0.0807	P	4.3
4	☐	125.000	123.285	2122701.92	0.2260	A	1.1
5	☐	250.000	248.933	4237953.10	0.4564	A	1.1
6	☐	500.000	499.418	8343624.32	0.9155	A	0.7
7	☐	1000.000	1001.071	16491577.81	1.8352	A	0.6
8	☐			2301.33	0.0003	P	11.

$$y = 0.0018 * x + 3.4945E-005$$

$$R = 1.0000$$

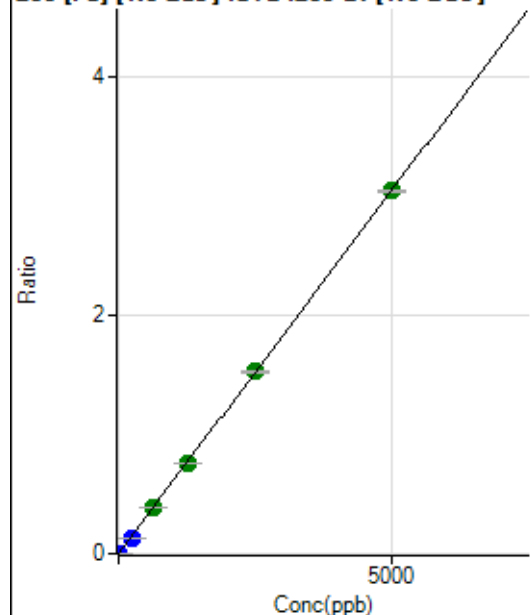
$$DL = 0.002183$$

$$BEC = 0.01906$$

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	413.35	0.0000	P	4.9
2	☐	1.000	0.862	5236.61	0.0006	P	2.3
3	☐	250.000	218.849	1273871.84	0.1334	P	2.7
4	☐	625.000	627.942	3593012.38	0.3826	A	0.2
5	☐	1250.000	1238.802	7008739.82	0.7547	A	0.6
6	☐	2500.000	2511.817	13945739.93	1.5303	A	1.0
7	☐	5000.000	4998.081	27363468.48	3.0449	A	0.5
8	☐			7011.88	0.0009	P	3.2

$$y = 6.0921\text{E-}004 * x + 4.4067\text{E-}005$$

$$R = 1.0000$$

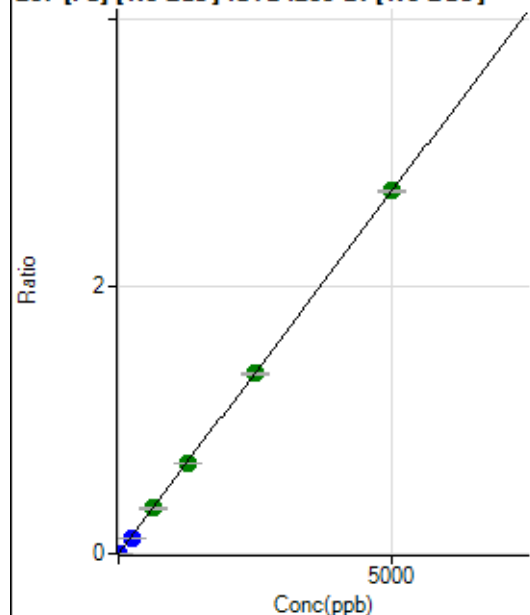
$$DL = 0.01074$$

$$BEC = 0.07233$$

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	315.56	0.0000	P	9.7
2	☐	1.000	0.882	4704.19	0.0005	P	4.3
3	☐	250.000	221.278	1145380.45	0.1199	P	1.5
4	☐	625.000	626.677	3188056.17	0.3395	A	1.2
5	☐	1250.000	1241.892	6247197.06	0.6727	A	0.3
6	☐	2500.000	2487.124	12277329.12	1.3472	A	0.6
7	☐	5000.000	5009.691	24385425.19	2.7135	A	0.4
8	☐			6010.28	0.0008	P	3.8

$$y = 5.4165\text{E-}004 * x + 3.3645\text{E-}005$$

$$R = 1.0000$$

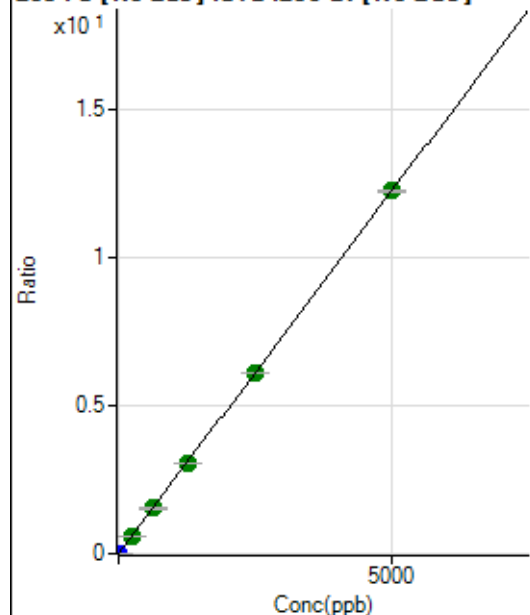
$$DL = 0.01803$$

$$BEC = 0.06212$$

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	1491.16	0.0002	P	3.1
2	☐	1.000	0.883	21354.55	0.0023	P	1.4
3	☐	250.000	233.905	5471928.91	0.5729	A	3.1
4	☐	625.000	624.077	14352961.83	1.5283	A	0.5
5	☐	1250.000	1237.964	28152815.69	3.0316	A	0.5
6	☐	2500.000	2496.279	55708470.55	6.1128	A	0.6
7	☐	5000.000	5005.790	110157107.2	12.2579	A	0.3
8	☐			27593.39	0.0036	P	3.6

$$y = 0.0024 * x + 1.5898E-004$$

$$R = 1.0000$$

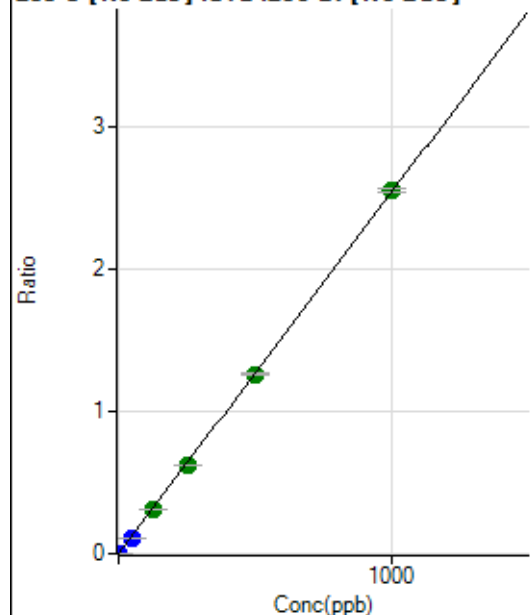
$$DL = 0.005998$$

$$BEC = 0.06492$$

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	70.00	0.0000	P	8.3
2	☐	1.000	0.801	18793.32	0.0020	P	0.1
3	☐	50.000	41.095	998125.89	0.1045	P	0.9
4	☐	125.000	120.930	2886860.48	0.3074	A	0.8
5	☐	250.000	243.978	5759473.60	0.6202	A	0.5
6	☐	500.000	497.208	11518008.16	1.2639	A	0.8
7	☐	1000.000	1003.856	22930712.99	2.5517	A	1.2
8	☐			1048.94	0.0001	P	5.8

$$y = 0.0025 * x + 7.4623E-006$$

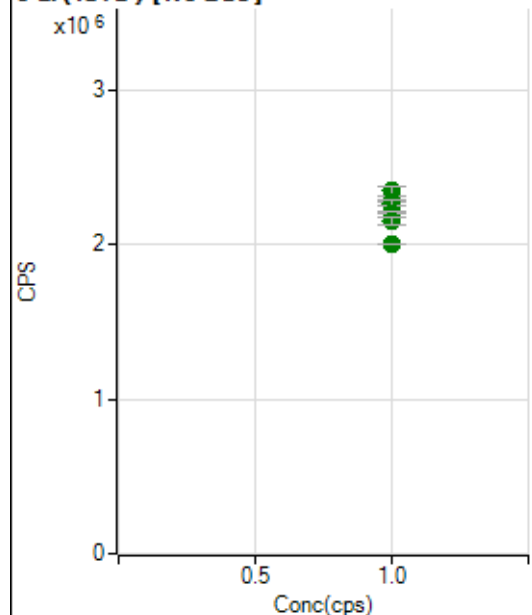
$$R = 1.0000$$

$$DL = 0.000727$$

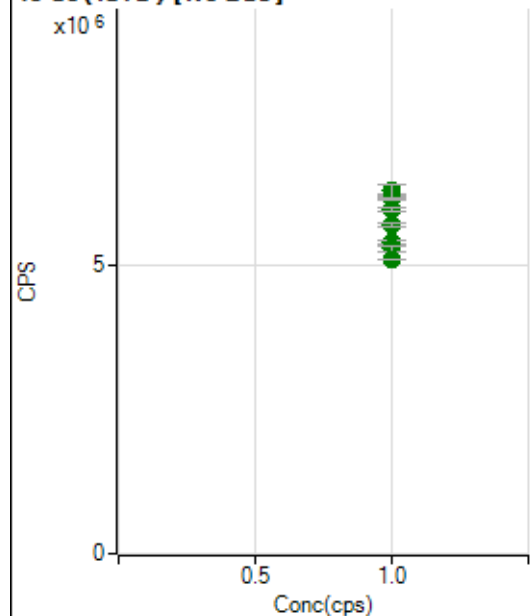
$$BEC = 0.002936$$

Weight: <None>

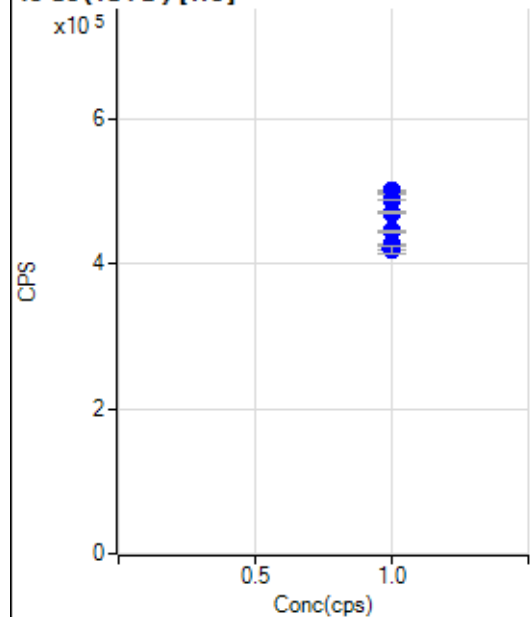
Min Conc: 0

6 Li (ISTD) [No Gas]

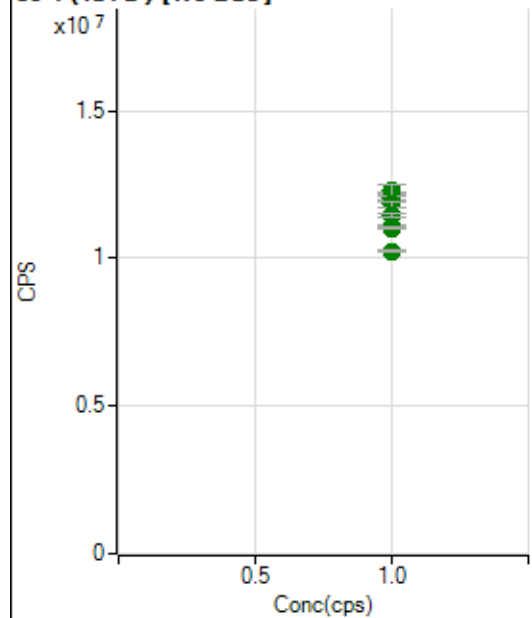
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2271485.83		A	1.2
2	☐	1.000		2287603.26		A	0.4
3	☐	1.000		2348701.61		A	2.5
4	☐	1.000		2276871.39		A	0.3
5	☐	1.000		2270553.68		A	1.6
6	☐	1.000		2206830.40		A	0.8
7	☐	1.000		2150306.91		A	2.3
8	☐	1.000		2007007.18		A	0.2

45 Sc (ISTD) [No Gas]

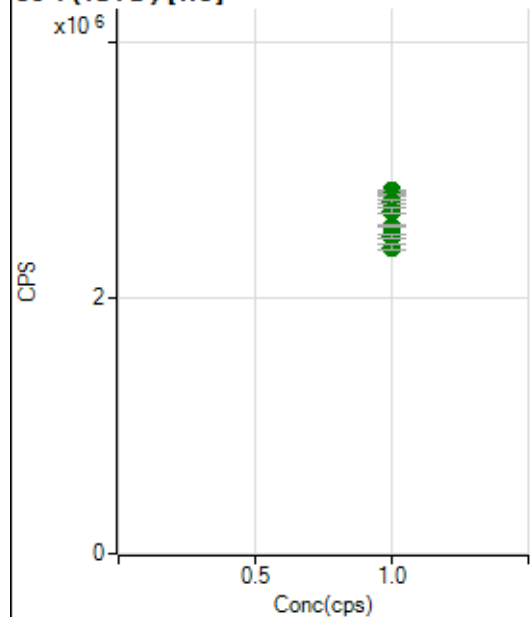
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6211088.80		A	0.5
2	☐	1.000		6144204.77		A	0.5
3	☐	1.000		6281780.05		A	3.7
4	☐	1.000		5973537.55		A	1.1
5	☐	1.000		5687334.22		A	1.3
6	☐	1.000		5393343.95		A	1.2
7	☐	1.000		5280755.41		A	1.5
8	☐	1.000		5090716.24		A	0.5

45 Sc (ISTD) [He]

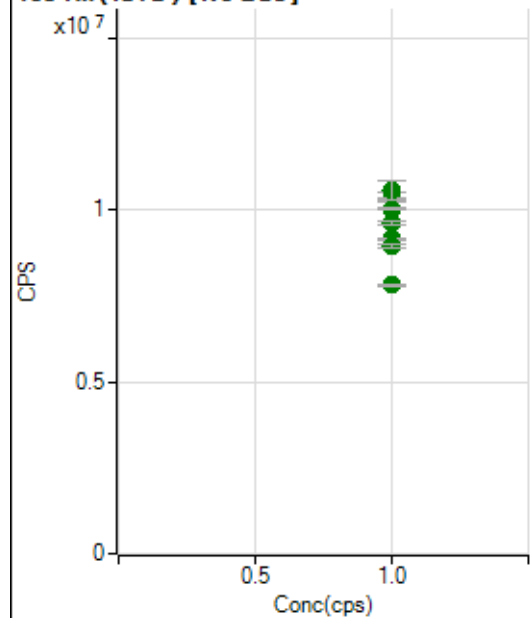
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		500211.33		P	0.4
2	☐	1.000		494787.54		P	0.0
3	☐	1.000		487750.17		P	0.3
4	☐	1.000		470067.40		P	0.6
5	☐	1.000		444875.47		P	0.6
6	☐	1.000		426356.49		P	0.6
7	☐	1.000		421943.84		P	1.1
8	☐	1.000		419236.65		P	2.4

89 Y (ISTD) [No Gas]

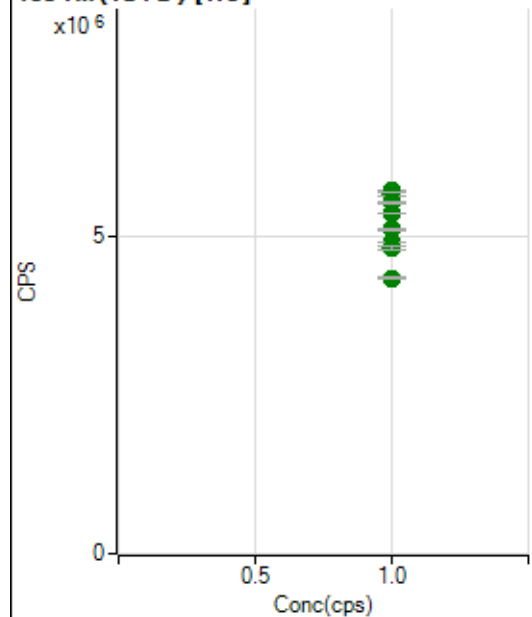
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12194053.43		A	0.6
2	☐	1.000		12038353.15		A	1.1
3	☐	1.000		12278823.84		A	3.4
4	☐	1.000		11823862.32		A	1.4
5	☐	1.000		11468044.13		A	0.9
6	☐	1.000		11065183.31		A	0.8
7	☐	1.000		11028020.39		A	0.6
8	☐	1.000		10230243.95		A	0.7

89 Y(ISTD) [He]

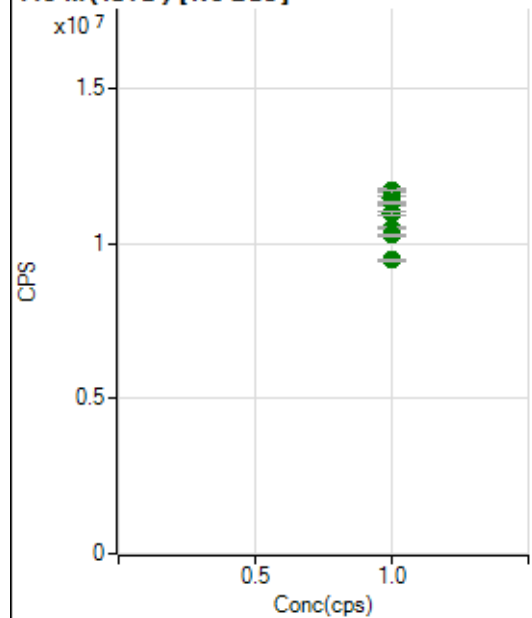
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2837977.08		A	0.3
2	☐	1.000		2804617.77		A	0.8
3	☐	1.000		2754217.39		A	1.0
4	☐	1.000		2681880.01		A	1.5
5	☐	1.000		2564114.41		A	0.8
6	☐	1.000		2484636.70		A	0.9
7	☐	1.000		2480343.82		A	1.2
8	☐	1.000		2395175.78		A	2.1

103 Rh(ISTD) [No Gas]

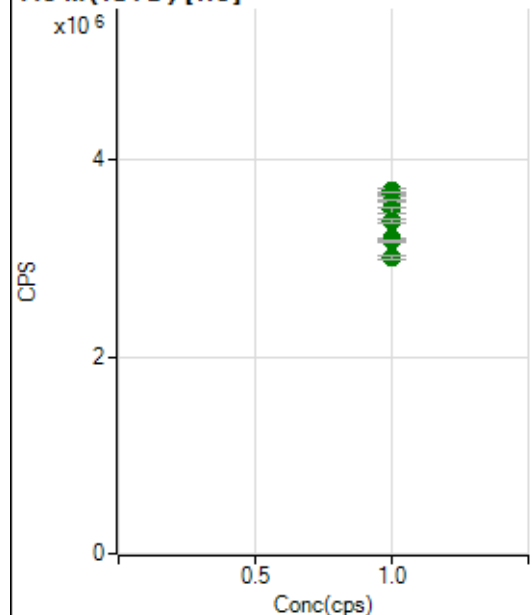
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10530298.31		A	0.5
2	☐	1.000		10349918.25		A	0.6
3	☐	1.000		10565300.54		A	6.0
4	☐	1.000		10039944.78		A	0.7
5	☐	1.000		9640790.21		A	1.2
6	☐	1.000		9164665.70		A	0.5
7	☐	1.000		8944405.77		A	1.0
8	☐	1.000		7812958.01		A	0.4

103 Rh (ISTD) [He]

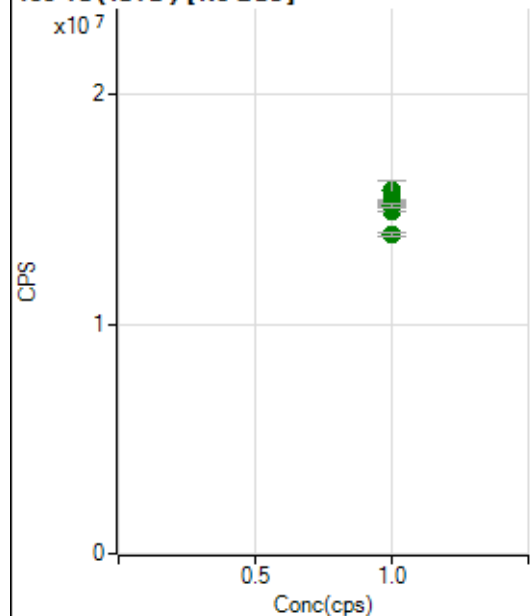
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5724483.11		A	0.8
2	☐	1.000		5663631.16		A	1.2
3	☐	1.000		5543360.06		A	0.7
4	☐	1.000		5377881.72		A	0.0
5	☐	1.000		5114186.10		A	0.3
6	☐	1.000		4913506.42		A	0.5
7	☐	1.000		4817903.71		A	1.6
8	☐	1.000		4347405.28		A	0.8

115 In (ISTD) [No Gas]

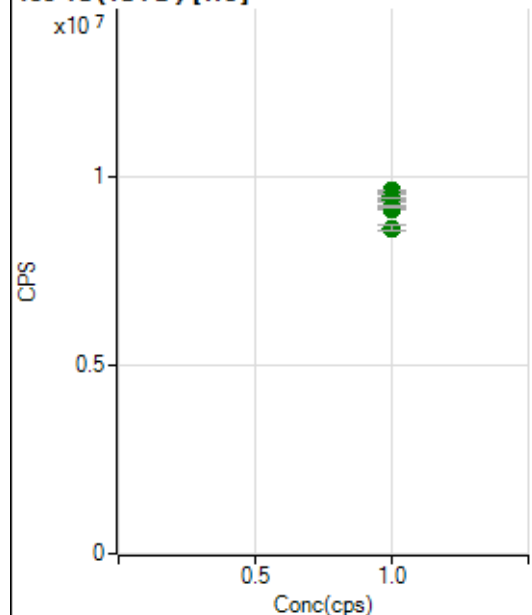
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11701143.96		A	1.0
2	☐	1.000		11539500.45		A	0.4
3	☐	1.000		11486226.33		A	4.3
4	☐	1.000		11341899.27		A	0.5
5	☐	1.000		10975223.28		A	0.8
6	☐	1.000		10512417.76		A	0.3
7	☐	1.000		10276988.26		A	0.5
8	☐	1.000		9465115.08		A	0.7

115 In (ISTD) [He]

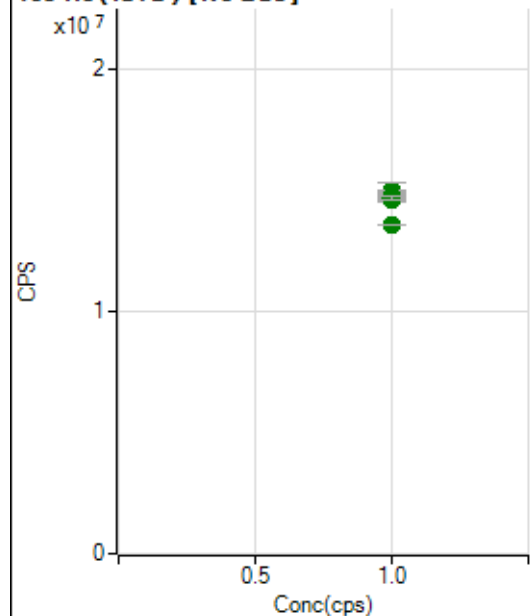
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3685416.86		A	1.4
2	☐	1.000		3658737.23		A	0.9
3	☐	1.000		3579629.11		A	0.6
4	☐	1.000		3493060.02		A	1.5
5	☐	1.000		3374809.73		A	1.2
6	☐	1.000		3195680.35		A	0.4
7	☐	1.000		3175961.71		A	0.9
8	☐	1.000		3004954.74		A	1.2

159 Tb (ISTD) [No Gas]

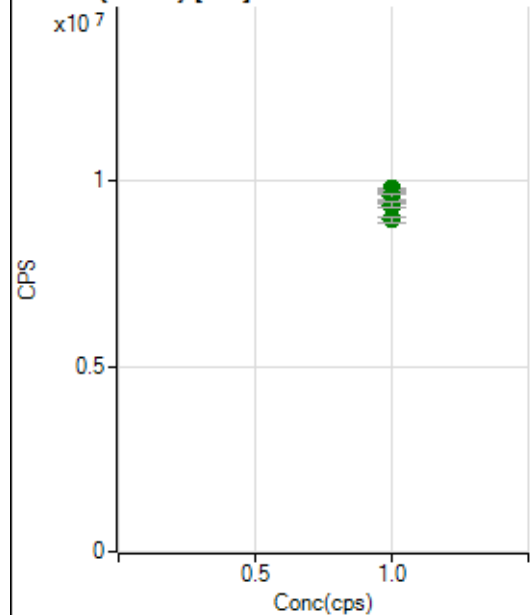
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15422451.16		A	0.3
2	☐	1.000		15246091.44		A	0.4
3	☐	1.000		15809551.43		A	5.7
4	☐	1.000		15429905.74		A	0.3
5	☐	1.000		15221124.08		A	0.4
6	☐	1.000		14915753.67		A	0.3
7	☐	1.000		15143205.89		A	0.9
8	☐	1.000		13908493.12		A	1.1

159 Tb (ISTD) [He]

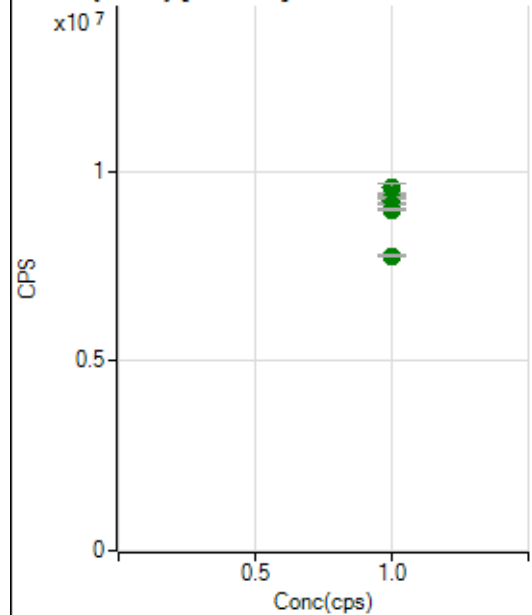
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9631762.15		A	0.7
2	☐	1.000		9615989.51		A	0.8
3	☐	1.000		9605424.30		A	0.5
4	☐	1.000		9475005.48		A	1.3
5	☐	1.000		9385339.10		A	0.8
6	☐	1.000		9152116.18		A	0.4
7	☐	1.000		9200623.47		A	0.4
8	☐	1.000		8641782.44		A	2.0

165 Ho (ISTD) [No Gas]

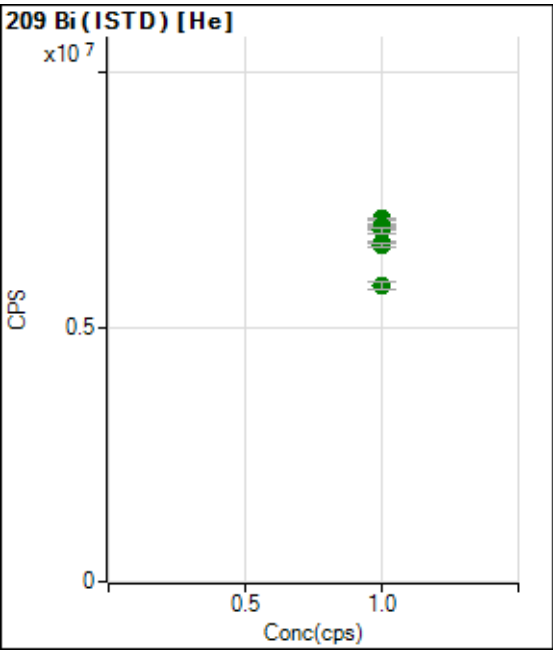
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		14977875.19		A	0.5
2	☐	1.000		14779950.20		A	0.3
3	☐	1.000		14955399.78		A	4.6
4	☐	1.000		14954904.36		A	0.6
5	☐	1.000		14752372.70		A	1.6
6	☐	1.000		14600948.67		A	0.7
7	☐	1.000		14697560.06		A	1.1
8	☐	1.000		13576452.30		A	0.2

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9778772.35		A	0.6
2	☐	1.000		9731216.52		A	0.4
3	☐	1.000		9719162.28		A	0.4
4	☐	1.000		9719943.95		A	0.6
5	☐	1.000		9563087.36		A	1.5
6	☐	1.000		9343411.53		A	1.1
7	☐	1.000		9354029.72		A	1.3
8	☐	1.000		8953522.44		A	1.5

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9380093.13		A	0.4
2	☐	1.000		9198348.89		A	1.1
3	☐	1.000		9555718.68		A	2.6
4	☐	1.000		9391178.96		A	0.2
5	☐	1.000		9286577.92		A	0.6
6	☐	1.000		9113449.79		A	0.5
7	☐	1.000		8986593.75		A	0.4
8	☐	1.000		7770069.81		A	0.8



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		7123170.52		A	0.4
2	☐	1.000		7132737.05		A	0.2
3	☐	1.000		7009883.85		A	0.5
4	☐	1.000		6960649.55		A	1.1
5	☐	1.000		6912088.23		A	1.5
6	☐	1.000		6669912.89		A	0.8
7	☐	1.000		6611909.90		A	1.1
8	☐	1.000		5822933.94		A	2.2