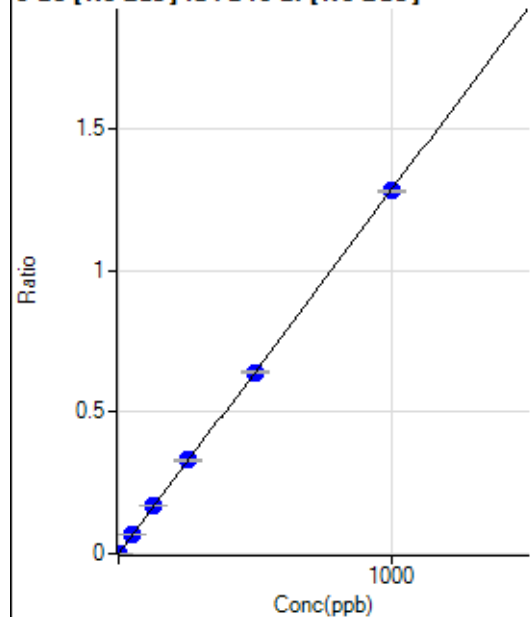


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7063025MS.b\
 Analysis File: P7063025MS.batch.bin
 DA Date-Time: 2025-06-30 16:40:38
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-06-30 11:43:17
2	006CALS.d	S02	2025-06-30 11:50:03
3	007CALS.d	S03	2025-06-30 11:53:23
4	013CALS.d	S04	2025-06-30 12:24:31
5	014CALS.d	S05	2025-06-30 12:27:36
6	015CALS.d	S06	2025-06-30 12:30:38
7	016CALS.d	S07	2025-06-30 12:33:30
8	017CALS.d	S08	2025-06-30 12:36:20

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.55	0.0000	P	68.6
2	☐	1.000	1.105	712.25	0.0014	P	4.9
3	☐	50.000	52.745	33287.86	0.0677	P	1.6
4	☐	125.000	133.257	81220.67	0.1710	P	0.6
5	☐	250.000	256.556	153856.23	0.3292	P	1.1
6	☐	500.000	499.469	304002.78	0.6408	P	0.7
7	☐	1000.000	997.457	605134.30	1.2797	P	0.9
8	☐			118.89	0.0003	P	5.8

$$y = 0.0013 * x + 3.1786E-005$$

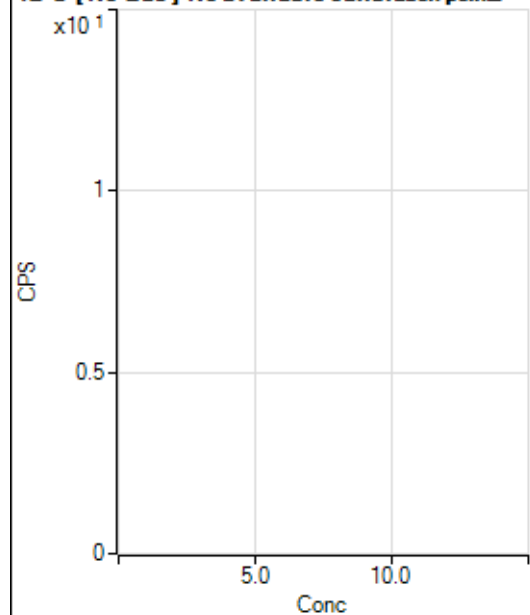
$$R = 1.0000$$

$$DL = 0.05099$$

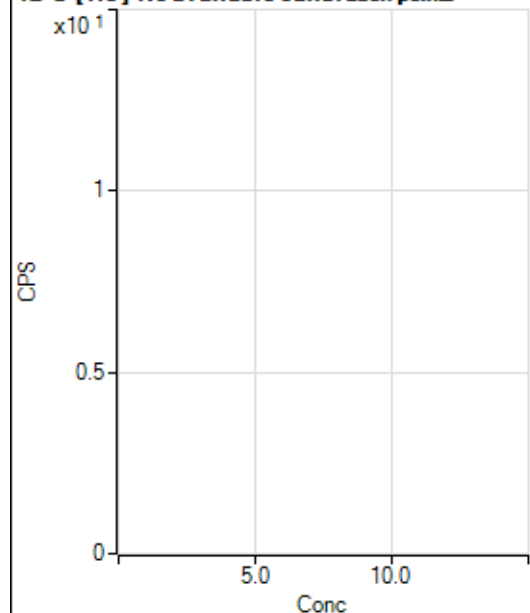
$$BEC = 0.02478$$

Weight: <None>

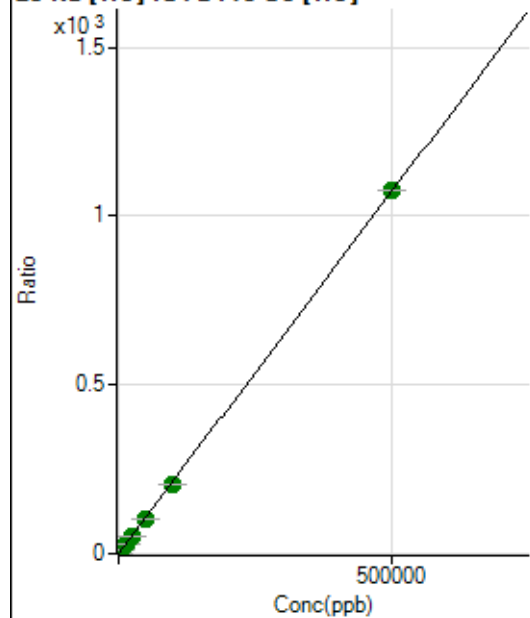
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14696.01	0.1051	P	2.3
2	☐	500.000	450.746	147952.71	1.0715	P	0.8
3	☐	5000.000	4888.647	1472247.86	10.5861	A	0.9
4	☐	12500.000	12200.012	3804420.22	26.2611	A	0.6
5	☐	25000.000	24230.328	7411075.10	52.0533	A	0.4
6	☐	50000.000	47801.629	14428019.79	102.5886	A	0.9
7	☐	100000.00	95018.740	29181622.62	203.8190	A	1.4
8	☐	500000.00	501263.23	156251852.1	1,074.780	A	0.2

$$y = 0.0021 * x + 0.1051$$

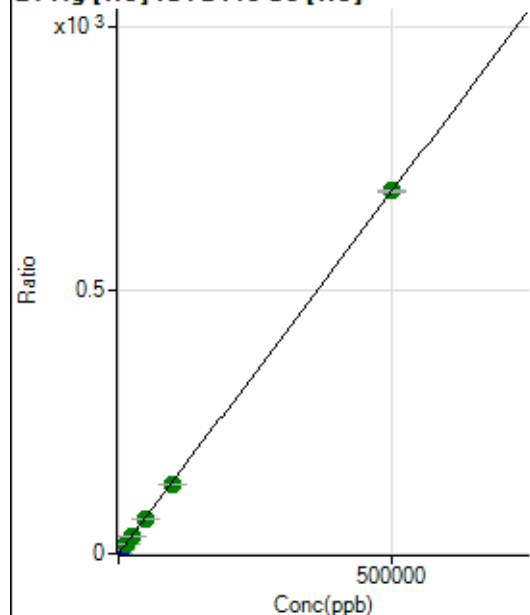
$$R = 0.9999$$

$$DL = 3.429$$

$$BEC = 49.04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	364.45	0.0026	P	15.3
2	☐	500.000	447.884	85412.17	0.6186	P	0.6
3	☐	5000.000	4438.603	849304.87	6.1068	P	0.8
4	☐	12500.000	12314.365	2453761.58	16.9380	A	1.2
5	☐	25000.000	24251.866	4749102.95	33.3551	A	0.1
6	☐	50000.000	47904.655	9266036.67	65.8837	A	1.1
7	☐	100000.00	95122.254	18729337.36	130.8199	A	0.5
8	☐	500000.00	501232.79	100213018.5	689.3250	A	0.7

$$y = 0.0014 * x + 0.0026$$

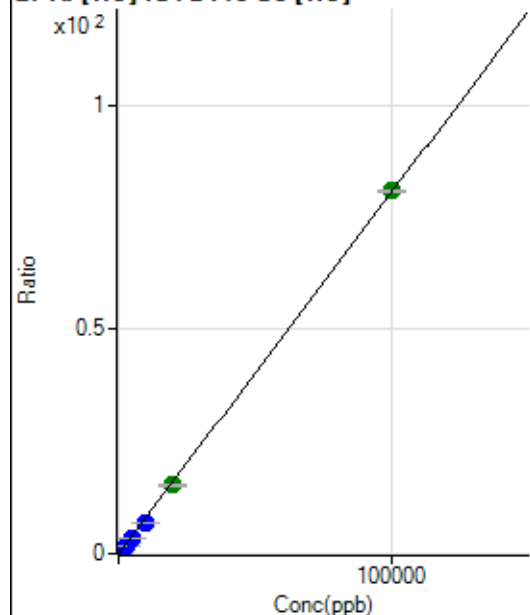
$$R = 0.9999$$

$$DL = 0.8692$$

$$BEC = 1.897$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.78	0.0015	P	1.2
2	☐	20.000	17.217	2121.28	0.0154	P	2.2
3	☐	1000.000	916.299	102919.73	0.7400	P	0.4
4	☐	2500.000	2227.039	260251.21	1.7965	P	0.5
5	☐	5000.000	4349.632	499329.86	3.5073	P	0.8
6	☐	10000.000	8638.992	979502.78	6.9645	P	0.6
7	☐	20000.000	18890.223	2179942.17	15.2269	A	1.2
8	☐	100000.00	100398.23	11764494.55	80.9221	A	0.2

$$y = 8.0600E-004 * x + 0.0015$$

$$R = 0.9999$$

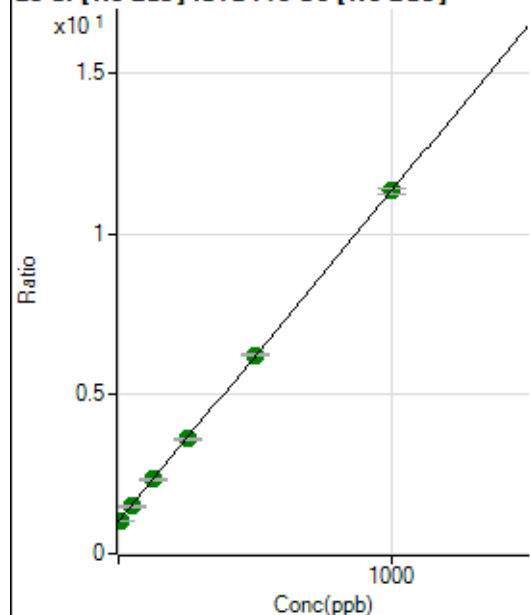
$$DL = 0.06593$$

$$BEC = 1.844$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1811021.55	1.0178	A	1.9
2	☐	10.000	-1.423	1783878.67	1.0031	A	1.8
3	☐	50.000	44.172	2646486.44	1.4737	A	1.3
4	☐	125.000	126.654	4400675.39	2.3251	A	3.3
5	☐	250.000	248.216	6697072.26	3.5799	A	0.6
6	☐	500.000	502.182	11384128.03	6.2013	A	1.1
7	☐	1000.000	999.554	20718647.47	11.3352	A	1.7
8	☐			1776960.04	0.9662	A	1.3

$$y = 0.0103 * x + 1.0178$$

$$R = 0.9999$$

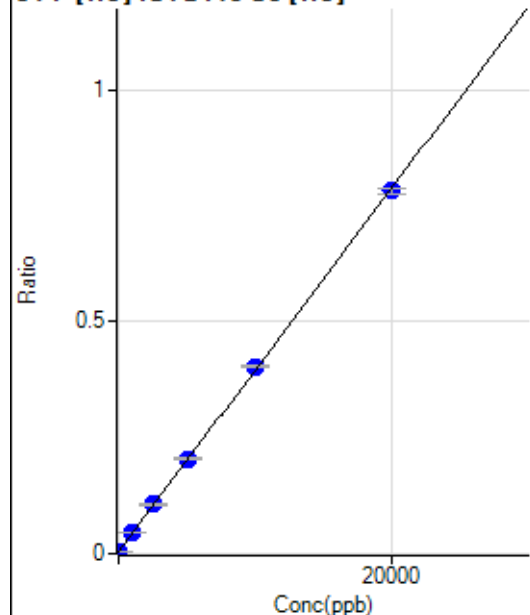
$$DL = 5.65$$

$$BEC = 98.61$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.333	531.12	0.0038	P	5.8
2	☐	0.000	16.333	701.13	0.0051	P	3.6
3	☐	1000.000	1010.246	6114.60	0.0440	P	1.7
4	☐	2500.000	2598.952	15374.48	0.1061	P	1.6
5	☐	5000.000	5090.525	28986.40	0.2036	P	1.6
6	☐	10000.000	10200.789	56752.60	0.4036	P	1.7
7	☐	20000.000	19864.093	111910.00	0.7816	P	1.3
8	☐			584.46	0.0040	P	2.6

$$y = 3.9126E-005 * x + 0.0044$$

$$R = 0.9999$$

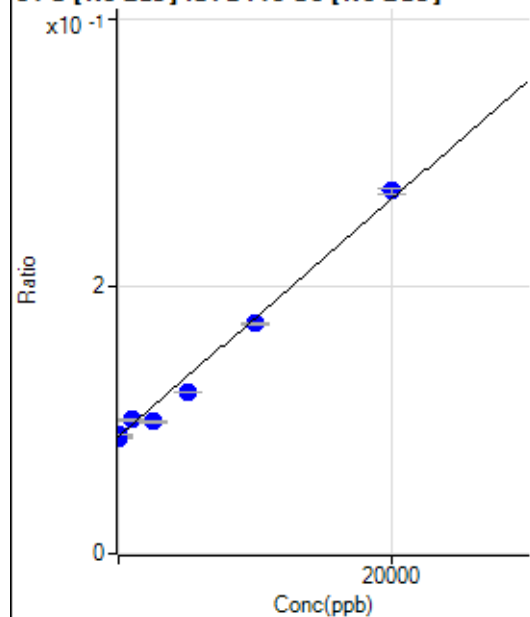
$$DL = 15.56$$

$$BEC = 113.5$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-111.637	154806.87	0.0870	P	1.0
2	☐	0.000	111.637	158229.43	0.0890	P	0.7
3	☐	1000.000	1384.830	180086.26	0.1003	P	0.9
4	☐	2500.000	1246.227	187512.20	0.0991	P	1.9
5	☐	5000.000	3767.249	227199.53	0.1214	P	0.1
6	☐	10000.000	9508.175	316518.18	0.1724	P	0.6
7	☐	20000.000	20691.580	496697.32	0.2718	P	1.7
8	☐			138926.16	0.0755	P	4.3

$$y = 8.8811\text{E-}006 * x + 0.0880$$

$$R = 0.9955$$

$$DL = 253.8$$

$$BEC = 9907$$

Weight: <None>

Min Conc: 0

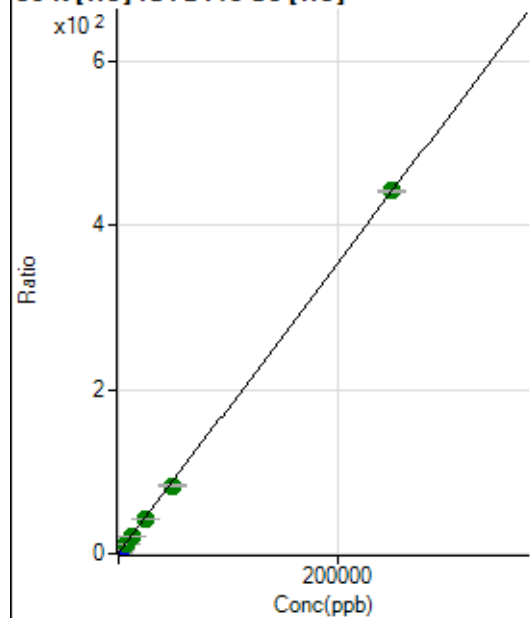
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	56288.07	0.4027	P	1.4
2	☐	500.000	470.215	169794.73	1.2297	P	0.5
3	☐	2500.000	2274.296	612304.81	4.4027	P	0.8
4	☐	6250.000	6184.505	1634198.48	11.2800	A	1.9
5	☐	12500.000	12017.404	3066842.28	21.5390	A	0.7
6	☐	25000.000	23792.064	5941941.65	42.2483	A	1.1
7	☐	50000.000	46836.218	11851103.71	82.7786	A	0.8
8	☐	250000.00	250781.63	64182158.49	441.4795	A	0.5

$$y = 0.0018 * x + 0.4027$$

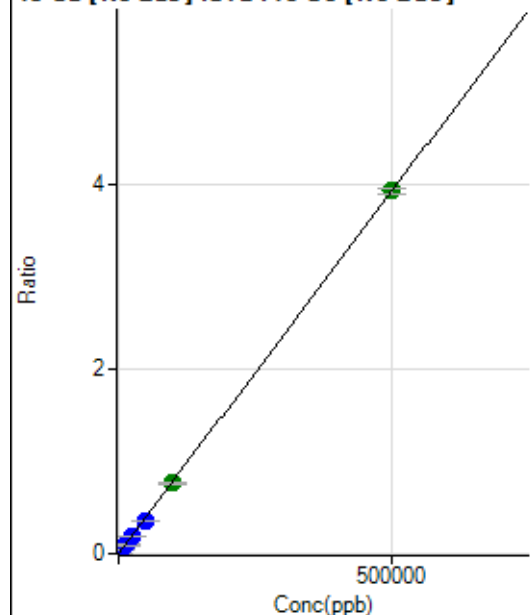
$$R = 0.9999$$

$$DL = 9.287$$

$$BEC = 228.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	402.23	0.0002	P	5.7
2	☐	500.000	472.696	7006.12	0.0039	P	1.7
3	☐	5000.000	4693.793	66626.49	0.0371	P	0.4
4	☐	12500.000	11975.832	178535.55	0.0943	P	2.0
5	☐	25000.000	23146.241	340616.31	0.1821	P	0.7
6	☐	50000.000	46255.768	667510.37	0.3636	P	0.7
7	☐	100000.00	97941.829	1406788.17	0.7697	A	2.5
8	☐	500000.00	500894.93	7238216.77	3.9355	A	1.5

$$y = 7.8565\text{E-}006 * x + 2.2602\text{E-}004$$

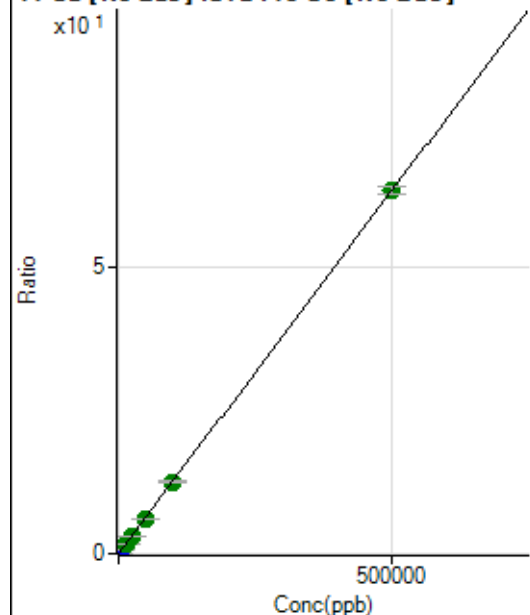
$$R = 1.0000$$

$$DL = 4.921$$

$$BEC = 28.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11047.46	0.0062	P	0.7
2	☐	500.000	482.847	119416.63	0.0672	P	0.3
3	☐	5000.000	4765.307	1091193.30	0.6077	P	1.1
4	☐	12500.000	12844.310	3080693.01	1.6274	A	1.8
5	☐	25000.000	24643.816	5830566.02	3.1167	A	1.3
6	☐	50000.000	48835.912	11326354.41	6.1702	A	0.5
7	☐	100000.00	98839.011	22813700.77	12.4816	A	1.3
8	☐	500000.00	500360.17	116161002.7	63.1613	A	2.0

$$y = 1.2622\text{E-}004 * x + 0.0062$$

$$R = 1.0000$$

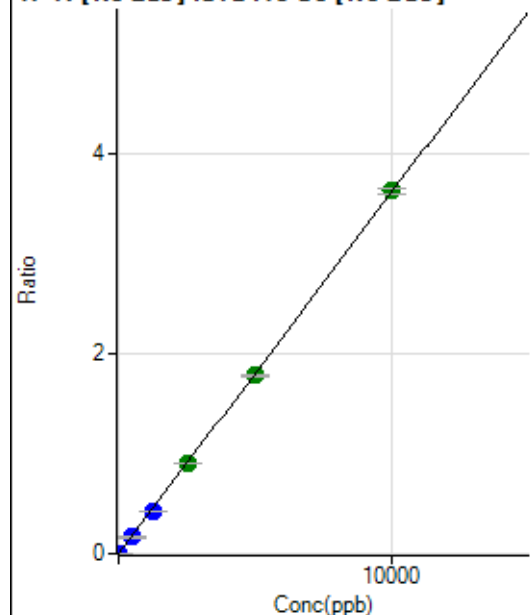
$$DL = 1.005$$

$$BEC = 49.18$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0001	P	47.5
2	☐	5.000	4.757	3152.58	0.0018	P	2.7
3	☐	500.000	452.945	293938.50	0.1637	P	0.6
4	☐	1250.000	1157.575	791760.92	0.4182	P	1.5
5	☐	2500.000	2502.599	1691393.55	0.9041	A	1.5
6	☐	5000.000	4934.440	3272302.59	1.7827	A	1.0
7	☐	10000.000	10046.036	6633533.03	3.6293	A	1.3
8	☐			375.56	0.0002	P	12.8

$$y = 3.6126\text{E-}004 * x + 5.4205\text{E-}005$$

$$R = 0.9999$$

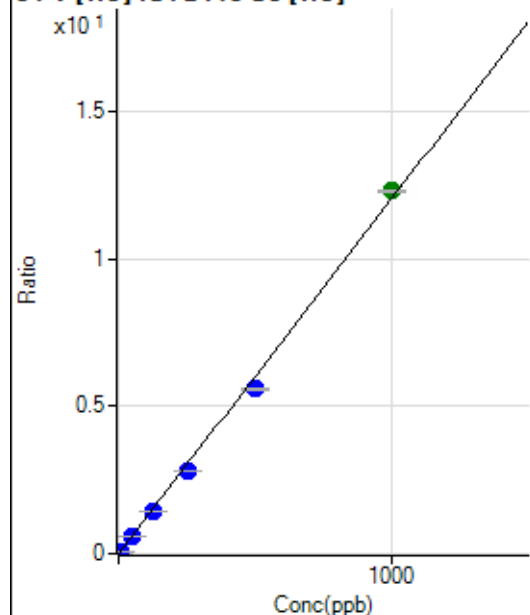
$$DL = 0.2136$$

$$BEC = 0.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.45	0.0001	P	26.7
2	☐	5.000	4.839	8066.67	0.0584	P	1.5
3	☐	50.000	46.591	78088.29	0.5615	P	0.9
4	☐	125.000	119.771	209079.38	1.4432	P	0.6
5	☐	250.000	233.825	401113.27	2.8175	P	1.3
6	☐	500.000	464.306	786833.97	5.5946	P	0.8
7	☐	1000.000	1022.716	1764239.45	12.3230	A	0.7
8	☐			501.13	0.0034	P	9.2

$$y = 0.0120 * x + 1.0336\text{E-}004$$

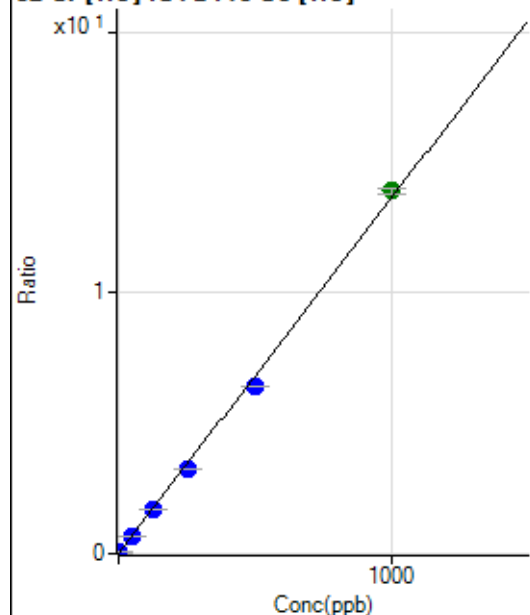
$$R = 0.9989$$

$$DL = 0.006879$$

$$BEC = 0.008578$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1831.24	0.0131	P	2.9
2	☐	2.000	1.947	5472.15	0.0396	P	2.5
3	☐	50.000	49.446	95534.39	0.6869	P	0.8
4	☐	125.000	121.304	241380.03	1.6662	P	0.8
5	☐	250.000	235.508	458820.12	3.2225	P	0.1
6	☐	500.000	468.561	899911.56	6.3985	P	0.5
7	☐	1000.000	1019.832	1991660.44	13.9110	A	1.4
8	☐			3918.33	0.0270	P	2.6

$$y = 0.0136 * x + 0.0131$$

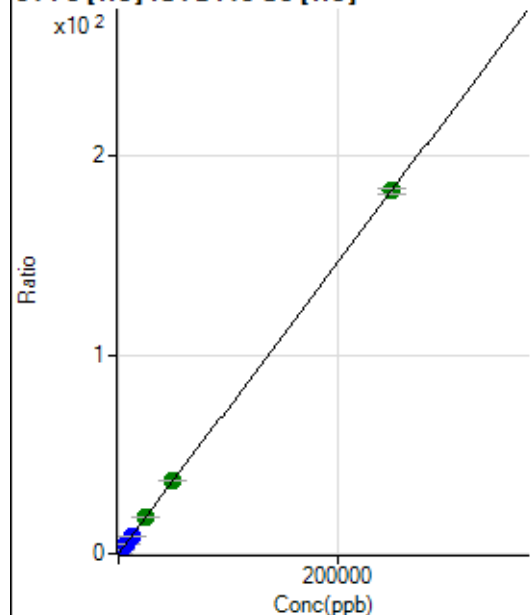
$$R = 0.9992$$

$$DL = 0.08451$$

$$BEC = 0.9614$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2430.22	0.0174	P	2.3
2	☐	50.000	49.350	7375.20	0.0534	P	3.4
3	☐	2500.000	2419.211	248090.62	1.7838	P	0.9
4	☐	6250.000	6105.634	648353.67	4.4756	P	0.4
5	☐	12500.000	11927.052	1242400.35	8.7262	P	0.6
6	☐	25000.000	25401.224	2610996.97	18.5647	A	0.7
7	☐	50000.000	49975.195	5226862.11	36.5081	A	0.7
8	☐	250000.00	249997.90	26539342.66	182.5598	A	1.4

$$y = 7.3018E-004 * x + 0.0174$$

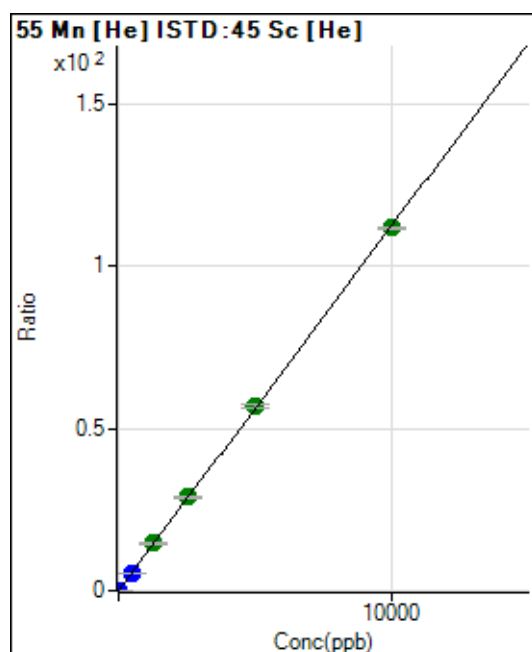
$$R = 1.0000$$

$$DL = 1.657$$

$$BEC = 23.81$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	697.80	0.0050	P	4.4
2	☐	1.000	0.956	2173.51	0.0157	P	1.6
3	☐	500.000	463.134	725146.82	5.2141	P	0.9
4	☐	1250.000	1293.217	2107927.82	14.5504	A	1.1
5	☐	2500.000	2556.745	4095209.00	28.7618	A	0.4
6	☐	5000.000	5073.494	8025974.81	57.0688	A	1.8
7	☐	10000.000	9945.508	16015976.01	111.8664	A	0.5
8	☐			7628.67	0.0525	P	4.4

$$y = 0.0112 * x + 0.0050$$

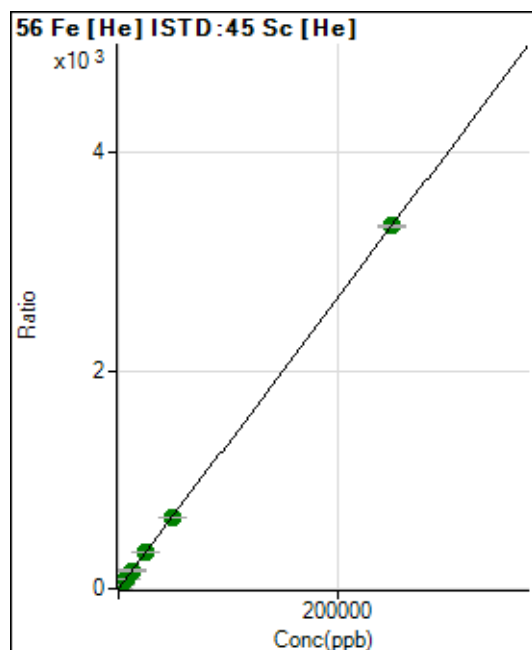
$$R = 0.9999$$

$$DL = 0.05876$$

$$BEC = 0.4438$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21304.07	0.1524	P	0.3
2	☐	50.000	48.104	109462.27	0.7928	P	2.0
3	☐	2500.000	2479.927	4612717.57	33.1675	A	1.4
4	☐	6250.000	6411.826	12387960.23	85.5126	A	0.8
5	☐	12500.000	12551.282	23813789.09	167.2468	A	0.9
6	☐	25000.000	24718.286	46303445.98	329.2254	A	0.5
7	☐	50000.000	48804.000	93042868.61	649.8769	A	0.3
8	☐	250000.00	250260.96	484374383.8	3,331.860	A	0.8

$$y = 0.0133 * x + 0.1524$$

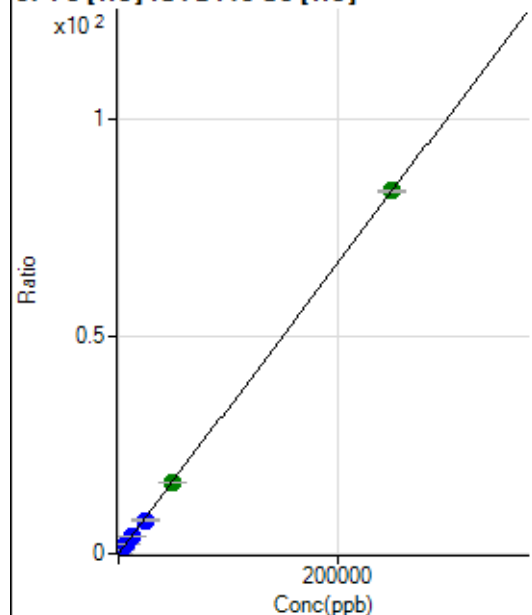
$$R = 1.0000$$

$$DL = 0.1138$$

$$BEC = 11.45$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1626.77	0.0116	P	1.7
2	☐	50.000	51.438	3977.22	0.0288	P	0.3
3	☐	2500.000	2354.193	110896.53	0.7974	P	0.2
4	☐	6250.000	6017.394	292627.22	2.0200	P	0.4
5	☐	12500.000	11700.866	557667.92	3.9169	P	0.5
6	☐	25000.000	23119.504	1086879.73	7.7280	P	0.9
7	☐	50000.000	48872.513	2336983.33	16.3233	A	0.8
8	☐	250000.00	250460.77	12154561.34	83.6052	A	0.3

$$y = 3.3376\text{E-}004 * x + 0.0116$$

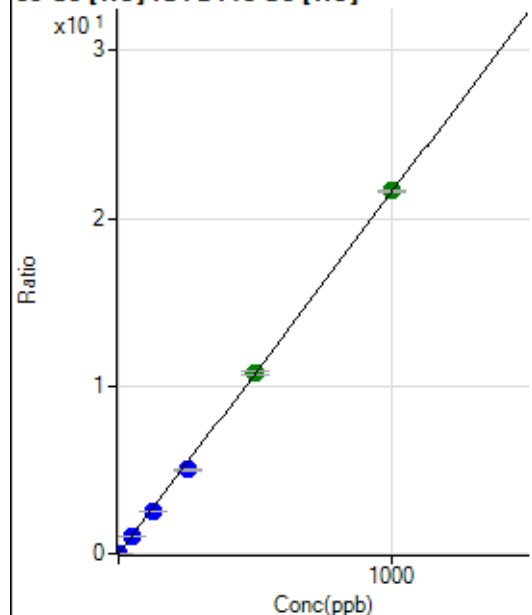
$$R = 1.0000$$

$$DL = 1.829$$

$$BEC = 34.86$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	95.56	0.0007	P	5.7
2	☐	1.000	1.021	3129.25	0.0227	P	4.9
3	☐	50.000	46.933	140617.12	1.0111	P	1.0
4	☐	125.000	119.674	373336.71	2.5771	P	0.1
5	☐	250.000	231.919	710960.10	4.9936	P	0.6
6	☐	500.000	501.650	1518848.69	10.8006	A	2.4
7	☐	1000.000	1004.514	3096240.27	21.6267	A	0.6
8	☐			5116.48	0.0352	P	2.4

$$y = 0.0215 * x + 6.8364\text{E-}004$$

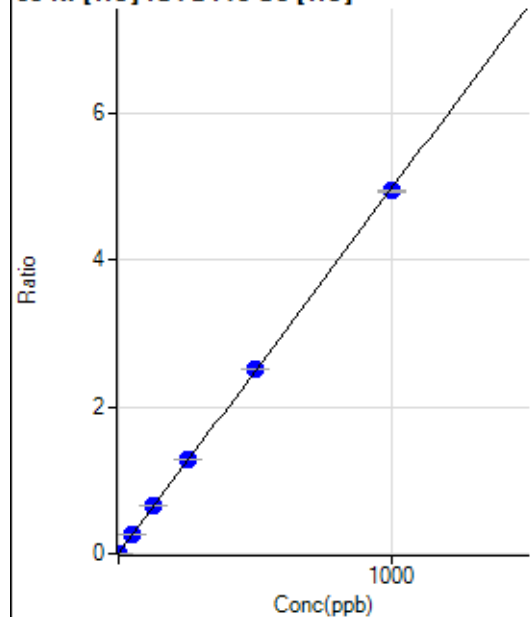
$$R = 0.9998$$

$$DL = 0.005469$$

$$BEC = 0.03175$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	476.68	0.0034	P	3.2
2	☐	1.000	1.133	1248.96	0.0090	P	3.0
3	☐	50.000	53.281	37314.14	0.2683	P	1.4
4	☐	125.000	131.780	95407.63	0.6586	P	0.4
5	☐	250.000	257.442	182710.59	1.2833	P	0.8
6	☐	500.000	507.162	355113.01	2.5249	P	0.2
7	☐	1000.000	993.547	707687.29	4.9431	P	0.5
8	☐			2135.73	0.0147	P	1.6

$$y = 0.0050 * x + 0.0034$$

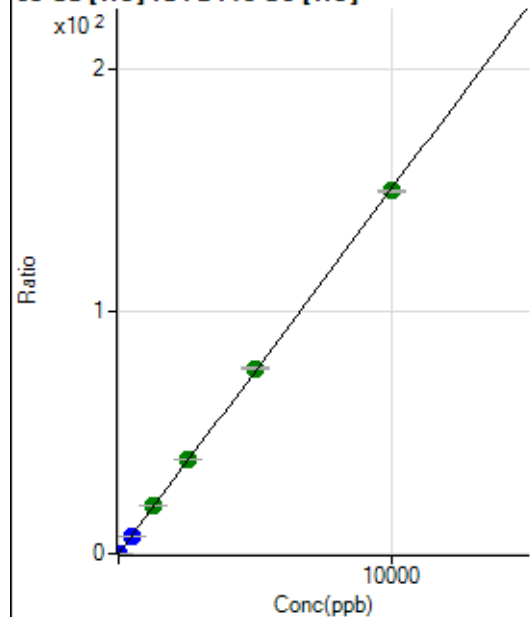
$$R = 0.9999$$

$$DL = 0.06645$$

$$BEC = 0.6859$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1134.50	0.0081	P	6.4
2	☐	2.000	2.006	5300.99	0.0384	P	3.0
3	☐	500.000	467.708	982675.18	7.0658	P	1.1
4	☐	1250.000	1331.097	2910923.12	20.0943	A	0.5
5	☐	2500.000	2573.866	5531132.56	38.8476	A	0.9
6	☐	5000.000	5063.857	10747860.54	76.4214	A	1.1
7	☐	10000.000	9941.082	21478047.74	150.0184	A	0.8
8	☐			3413.75	0.0235	P	3.2

$$y = 0.0151 * x + 0.0081$$

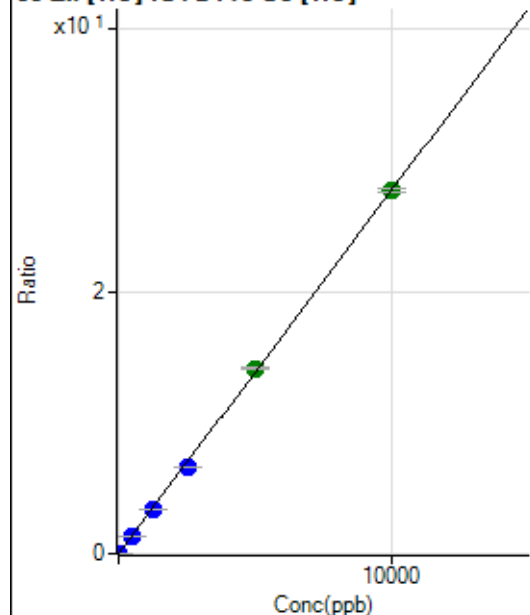
$$R = 0.9999$$

$$DL = 0.104$$

$$BEC = 0.538$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	327.78	0.0023	P	27.0
2	☐	5.000	4.966	2223.52	0.0161	P	1.8
3	☐	500.000	480.984	185654.93	1.3349	P	0.9
4	☐	1250.000	1215.033	487998.68	3.3686	P	0.4
5	☐	2500.000	2370.137	935223.83	6.5689	P	0.7
6	☐	5000.000	5100.385	1987666.03	14.1332	A	1.1
7	☐	10000.000	9987.595	3962075.39	27.6734	A	0.9
8	☐			2072.39	0.0143	P	3.1

$$y = 0.0028 * x + 0.0023$$

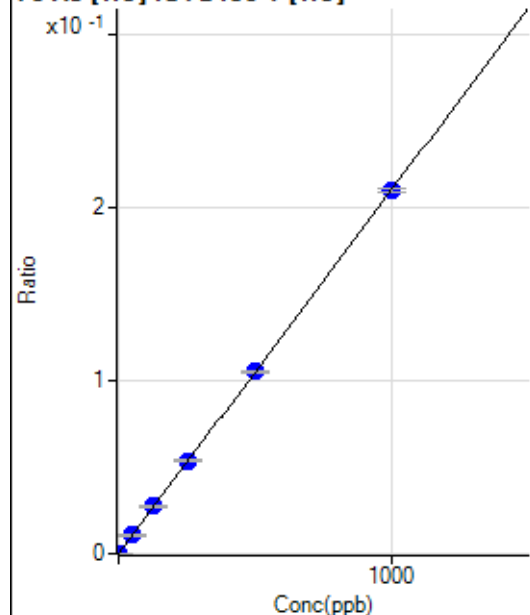
$$R = 0.9998$$

$$DL = 0.6855$$

$$BEC = 0.8462$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.3
2	☐	1.000	1.027	251.11	0.0002	P	9.4
3	☐	50.000	50.521	12168.41	0.0106	P	1.5
4	☐	125.000	130.397	32476.66	0.0274	P	1.3
5	☐	250.000	255.369	62568.95	0.0537	P	0.9
6	☐	500.000	500.377	122693.05	0.1052	P	1.2
7	☐	1000.000	997.768	244268.76	0.2099	P	1.1
8	☐			136.67	0.0001	P	10.5

$$y = 2.1032E-004 * x + 5.8651E-006$$

$$R = 1.0000$$

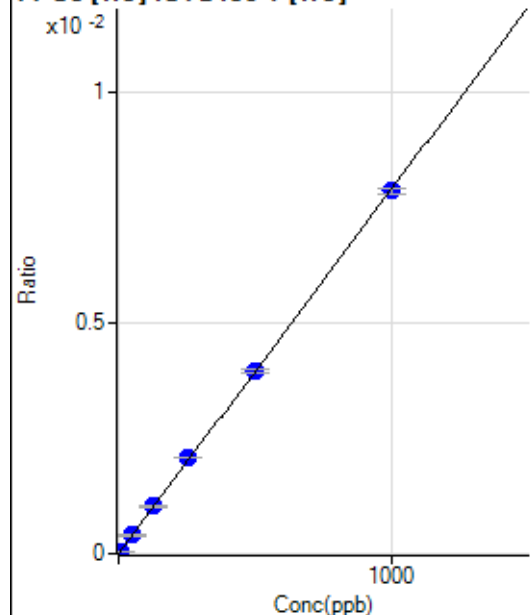
$$DL = 0.04207$$

$$BEC = 0.02789$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.723	51.11	0.0000	P	7.5
3	☐	50.000	50.790	458.90	0.0004	P	10.1
4	☐	125.000	129.850	1213.39	0.0010	P	6.4
5	☐	250.000	264.728	2433.56	0.0021	P	1.0
6	☐	500.000	500.635	4606.31	0.0040	P	1.5
7	☐	1000.000	995.351	9145.13	0.0079	P	1.7
8	☐			7.78	0.0000	P	65.8

$$y = 7.8918\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

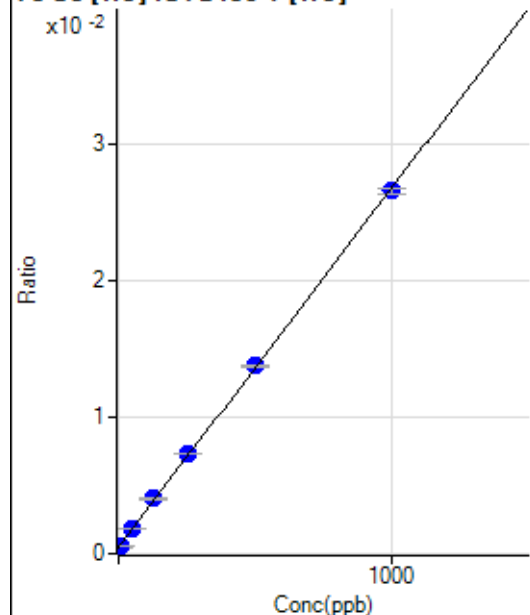
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	550.02	0.0005	P	9.3
2	☐	5.000	3.219	643.35	0.0006	P	3.0
3	☐	50.000	50.704	2081.28	0.0018	P	4.8
4	☐	125.000	134.692	4771.93	0.0040	P	0.5
5	☐	250.000	261.907	8597.01	0.0074	P	0.7
6	☐	500.000	505.988	16097.75	0.0138	P	1.2
7	☐	1000.000	992.791	30993.58	0.0266	P	1.8
8	☐			512.24	0.0004	P	1.7

$$y = 2.6332\text{E-}005 * x + 4.8372\text{E-}004$$

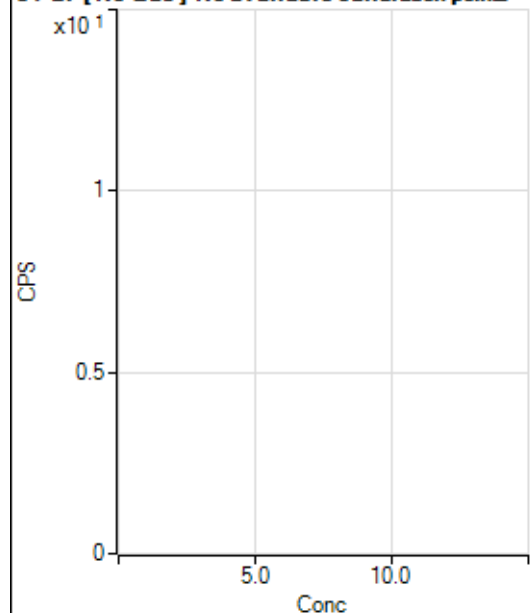
$$R = 0.9998$$

$$DL = 5.103$$

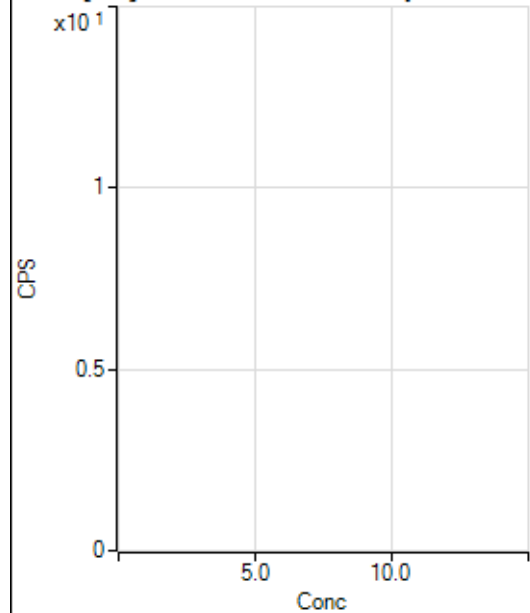
$$BEC = 18.37$$

Weight: <None>

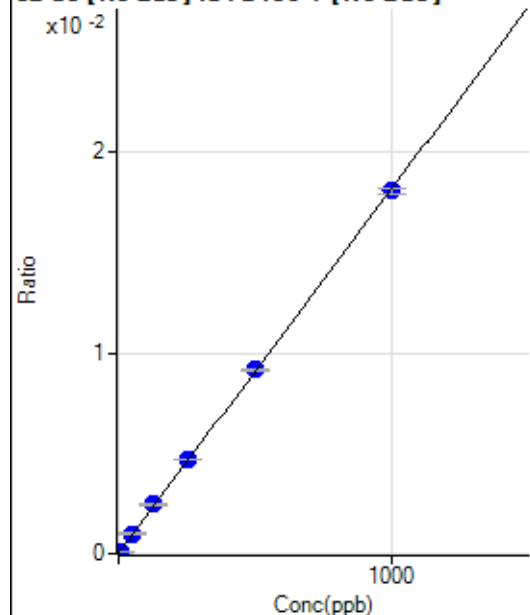
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19959.23		P	1.8
2	☐			19292.70		P	0.7
3	☐			19635.41		P	0.5
4	☐			21730.56		P	0.8
5	☐			21770.63		P	0.5
6	☐			21894.14		P	0.4
7	☐			21787.33		P	1.4
8	☐			21828.50		P	2.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			146.67		P	7.9
2	☐			136.67		P	24.0
3	☐			136.67		P	4.2
4	☐			135.56		P	9.9
5	☐			134.45		P	20.0
6	☐			151.12		P	11.1
7	☐			143.34		P	12.1
8	☐			283.34		P	7.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.50	0.0000	P	31.8
2	☐	5.000	5.226	543.27	0.0001	P	6.9
3	☐	50.000	54.123	4591.11	0.0010	P	1.5
4	☐	125.000	133.829	11792.80	0.0025	P	1.3
5	☐	250.000	257.450	22875.18	0.0047	P	1.7
6	☐	500.000	503.603	43864.49	0.0092	P	1.0
7	☐	1000.000	995.025	87608.92	0.0181	P	1.6
8	☐			268.57	0.0001	P	20.6

$$y = 1.8142\text{E-}005 * x + 2.2169\text{E-}005$$

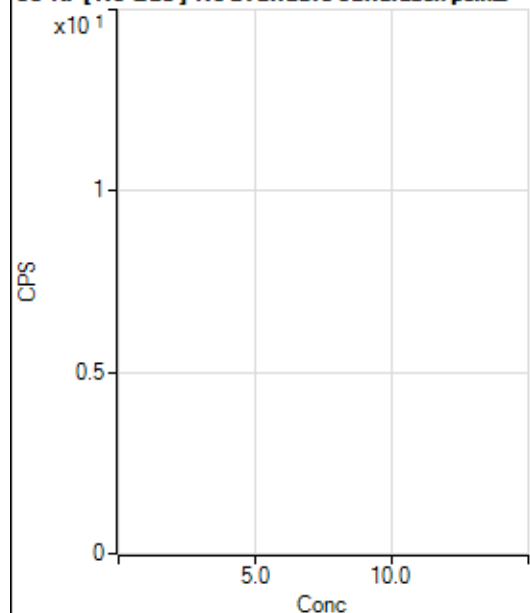
$$R = 0.9999$$

$$DL = 1.165$$

$$BEC = 1.222$$

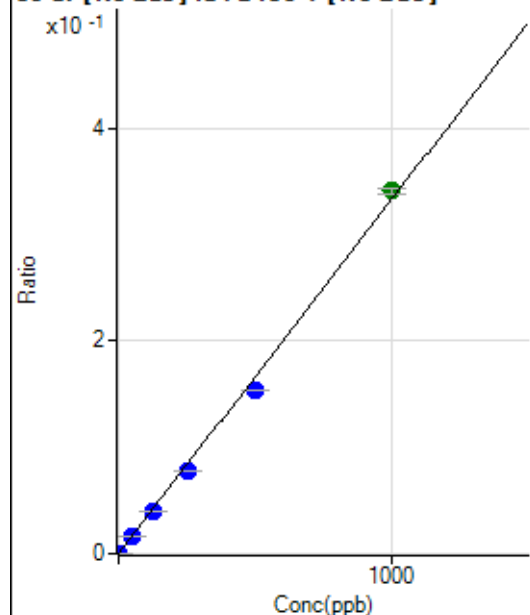
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			372.23		P	6.0
2	☐			352.23		P	2.9
3	☐			308.90		P	2.7
4	☐			342.23		P	16.0
5	☐			412.23		P	9.4
6	☐			381.12		P	10.4
7	☐			368.90		P	6.4
8	☐			402.23		P	6.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	547.79	0.0001	P	7.4
2	☐	1.000	0.952	2016.82	0.0004	P	5.6
3	☐	50.000	47.885	73389.35	0.0161	P	0.6
4	☐	125.000	118.848	190905.15	0.0397	P	0.8
5	☐	250.000	231.675	376354.37	0.0772	P	0.4
6	☐	500.000	461.475	735988.00	0.1537	P	0.2
7	☐	1000.000	1024.719	1653313.15	0.3411	A	1.4
8	☐			20498.81	0.0044	P	2.2

$$y = 3.3273\text{E-}004 * x + 1.1742\text{E-}004$$

$$R = 0.9987$$

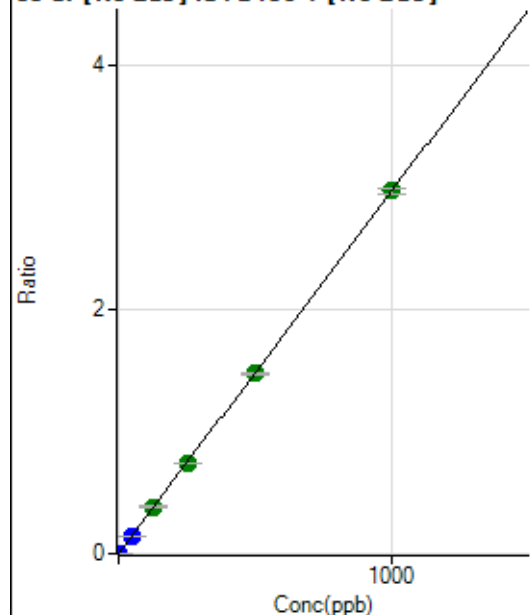
$$DL = 0.07783$$

$$BEC = 0.3529$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	24.6
2	☐	1.000	0.938	13037.00	0.0028	P	1.2
3	☐	50.000	46.506	631196.99	0.1380	P	1.2
4	☐	125.000	129.487	1849743.99	0.3843	A	2.3
5	☐	250.000	249.210	3605545.74	0.7396	A	0.4
6	☐	500.000	496.712	7060491.08	1.4741	A	0.2
7	☐	1000.000	1001.456	14406543.26	2.9721	A	1.7
8	☐			175234.35	0.0374	P	0.2

$$y = 0.0030 * x + 2.2876\text{E-}005$$

$$R = 1.0000$$

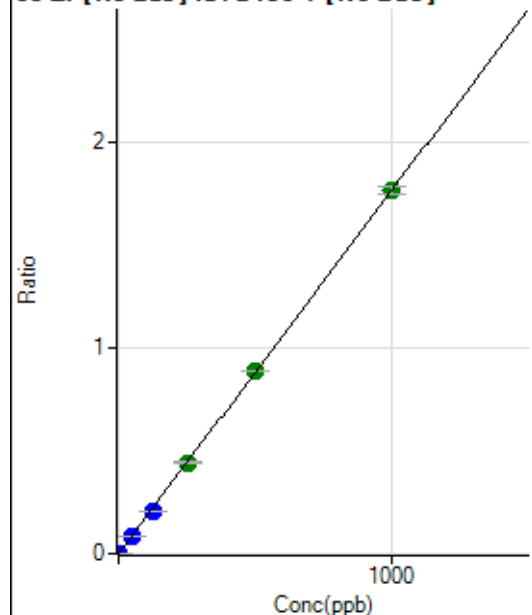
$$DL = 0.005686$$

$$BEC = 0.007708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	270.01	0.0001	P	19.5
2	☐	1.000	0.931	7881.07	0.0017	P	0.7
3	☐	50.000	46.585	375328.31	0.0821	P	0.6
4	☐	125.000	117.006	991949.58	0.2061	P	0.4
5	☐	250.000	251.590	2159797.73	0.4431	A	1.0
6	☐	500.000	501.886	4232994.14	0.8838	A	0.2
7	☐	1000.000	999.829	8534161.61	1.7605	A	2.0
8	☐			6816.08	0.0015	P	2.0

$$y = 0.0018 * x + 5.7877E-005$$

$$R = 1.0000$$

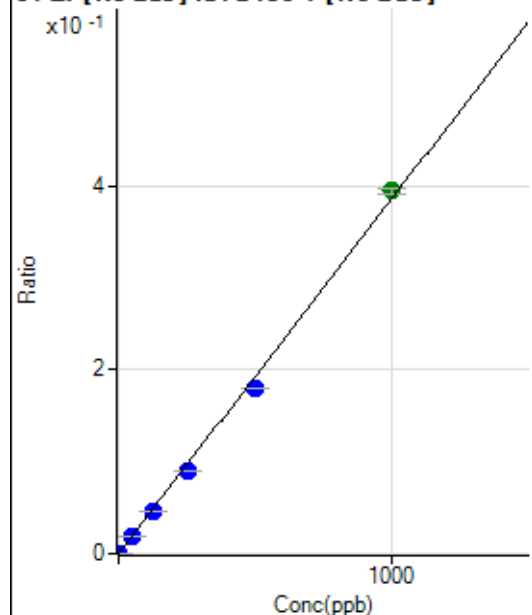
$$DL = 0.01923$$

$$BEC = 0.03287$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0000	P	12.8
2	☐	1.000	0.904	1671.22	0.0004	P	1.3
3	☐	50.000	46.869	82614.16	0.0181	P	0.5
4	☐	125.000	118.404	219614.49	0.0456	P	1.1
5	☐	250.000	231.766	435316.80	0.0893	P	0.9
6	☐	500.000	464.440	857064.94	0.1789	P	0.3
7	☐	1000.000	1023.319	1911093.65	0.3942	A	1.8
8	☐			1485.65	0.0003	P	5.9

$$y = 3.8525E-004 * x + 1.1436E-005$$

$$R = 0.9989$$

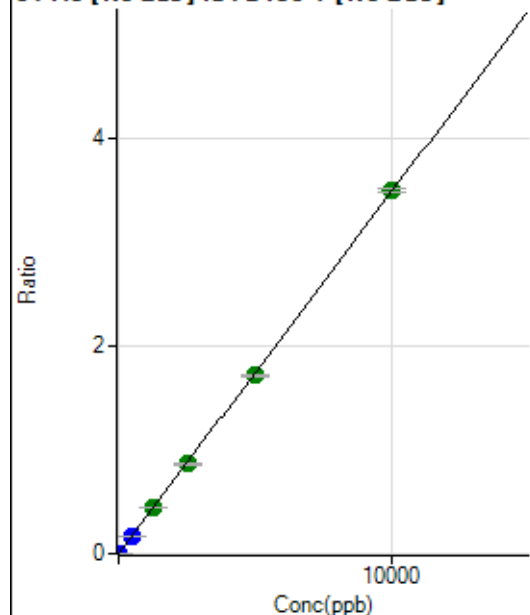
$$DL = 0.01142$$

$$BEC = 0.02969$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.00	0.0000	P	4.7
2	☐	5.000	5.506	9125.13	0.0020	P	2.2
3	☐	500.000	460.557	735128.22	0.1608	P	0.5
4	☐	1250.000	1297.780	2180268.21	0.4530	A	0.2
5	☐	2500.000	2490.361	4236992.05	0.8691	A	1.9
6	☐	5000.000	4939.679	8256494.04	1.7239	A	1.0
7	☐	10000.000	10028.570	16965826.97	3.4999	A	1.1
8	☐			4458.50	0.0010	P	2.0

$$y = 3.4899\text{E-}004 * x + 4.2870\text{E-}005$$

$$R = 0.9999$$

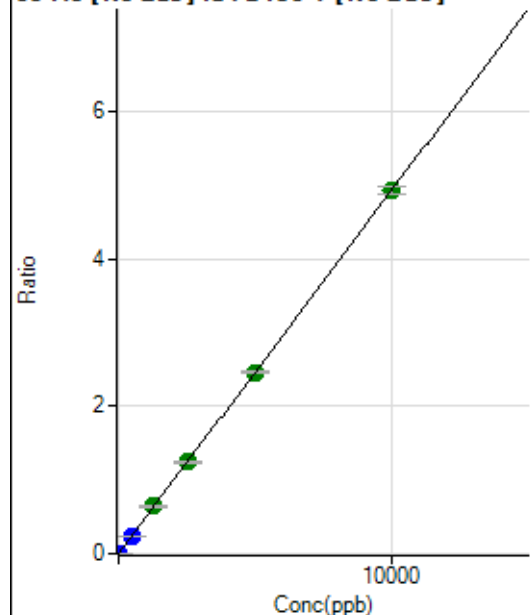
$$DL = 0.01733$$

$$BEC = 0.1228$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	12.6
2	☐	5.000	4.694	10895.23	0.0023	P	3.0
3	☐	500.000	469.590	1058537.08	0.2315	P	1.0
4	☐	1250.000	1303.170	3092235.72	0.6424	A	0.9
5	☐	2500.000	2517.224	6049013.52	1.2408	A	0.2
6	☐	5000.000	4999.316	11802597.18	2.4643	A	0.7
7	☐	10000.000	9990.910	23871860.20	4.9248	A	2.1
8	☐			2795.85	0.0006	P	2.0

$$y = 4.9292\text{E-}004 * x + 3.1685\text{E-}005$$

$$R = 1.0000$$

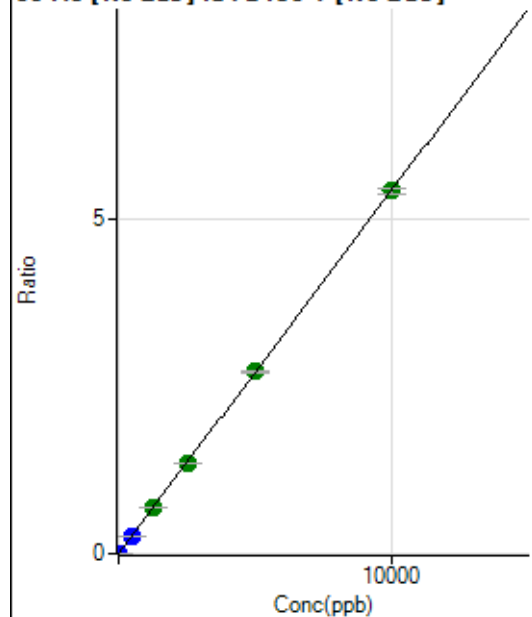
$$DL = 0.02429$$

$$BEC = 0.06428$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.12	0.0001	P	20.6
2	☐	5.000	4.729	12171.79	0.0026	P	3.1
3	☐	500.000	464.354	1153772.21	0.2523	P	1.2
4	☐	1250.000	1275.820	3336411.79	0.6932	A	1.5
5	☐	2500.000	2505.229	6635169.14	1.3611	A	0.6
6	☐	5000.000	5013.817	13046533.28	2.7239	A	0.4
7	☐	10000.000	9990.339	26309213.50	5.4276	A	1.7
8	☐			11937.19	0.0025	P	1.7

$$y = 5.4328\text{E-}004 * x + 5.1660\text{E-}005$$

$$R = 1.0000$$

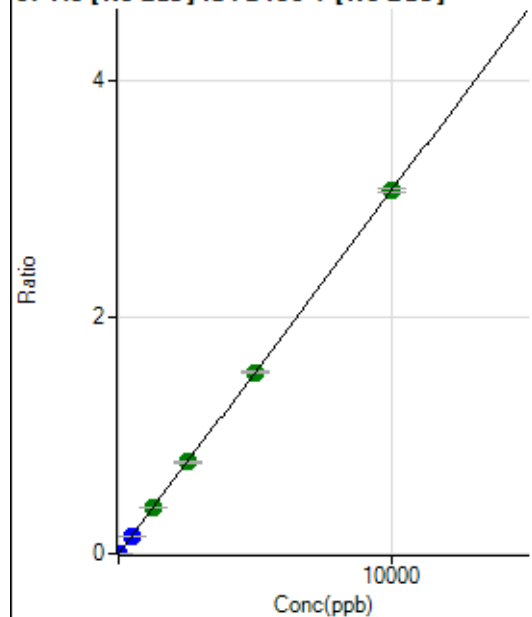
$$DL = 0.05874$$

$$BEC = 0.09509$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	96.67	0.0000	P	21.9
2	☐	5.000	4.747	6853.89	0.0015	P	3.2
3	☐	500.000	462.915	648769.83	0.1419	P	0.5
4	☐	1250.000	1278.308	1885762.18	0.3918	A	0.4
5	☐	2500.000	2521.674	3767204.95	0.7728	A	1.3
6	☐	5000.000	4996.271	7333942.74	1.5312	A	0.8
7	☐	10000.000	9994.762	14847558.67	3.0630	A	1.1
8	☐			1807.91	0.0004	P	8.2

$$y = 3.0646\text{E-}004 * x + 2.0734\text{E-}005$$

$$R = 1.0000$$

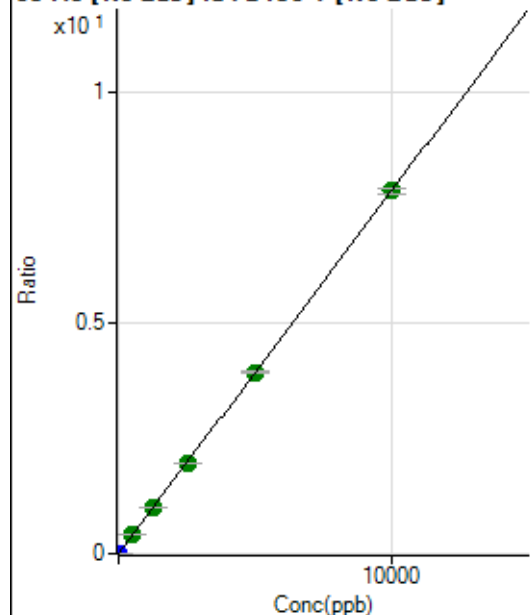
$$DL = 0.04453$$

$$BEC = 0.06766$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	228.89	0.0000	P	7.4
2	☐	5.000	4.724	17506.13	0.0038	P	1.4
3	☐	500.000	508.402	1830727.84	0.4004	A	0.7
4	☐	1250.000	1275.552	4834948.47	1.0045	A	0.5
5	☐	2500.000	2488.752	9553478.47	1.9598	A	0.9
6	☐	5000.000	4995.872	18841580.55	3.9340	A	0.6
7	☐	10000.000	10001.262	38175753.60	7.8753	A	1.6
8	☐			4230.65	0.0009	P	2.4

$$y = 7.8743\text{E-}004 * x + 4.9072\text{E-}005$$

$$R = 1.0000$$

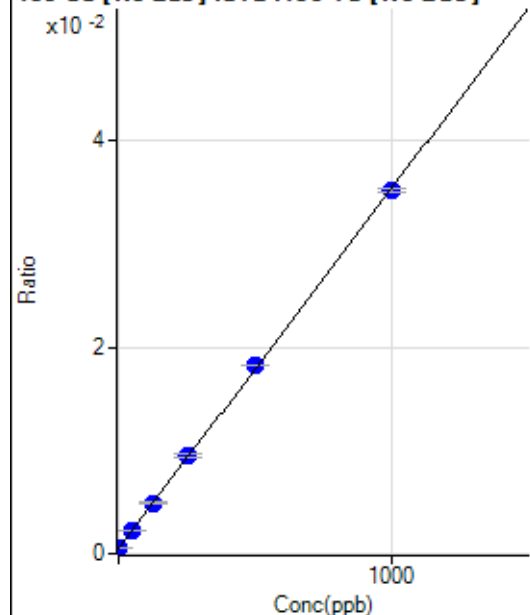
$$DL = 0.01378$$

$$BEC = 0.06232$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1512.32	0.0005	P	3.7
2	☐	1.000	1.239	1624.55	0.0005	P	7.2
3	☐	50.000	51.267	7320.81	0.0023	P	4.4
4	☐	125.000	127.653	15809.78	0.0049	P	2.4
5	☐	250.000	257.838	31111.15	0.0095	P	2.5
6	☐	500.000	508.460	59063.94	0.0182	P	0.4
7	☐	1000.000	993.415	116500.70	0.0352	P	1.0
8	☐			1376.74	0.0004	P	3.4

$$y = 3.4907\text{E-}005 * x + 4.7807\text{E-}004$$

$$R = 0.9999$$

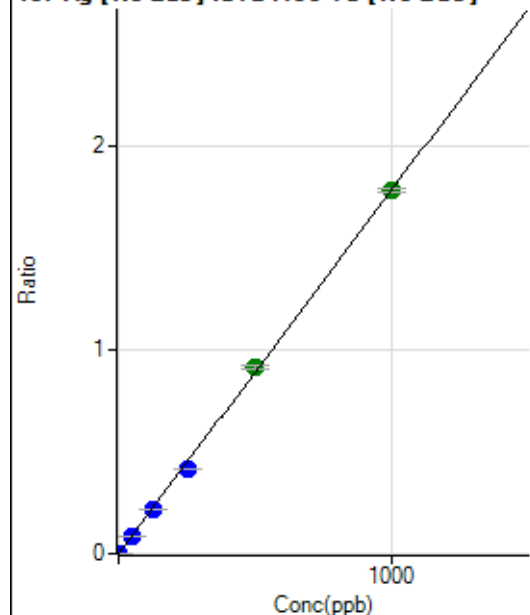
$$DL = 1.518$$

$$BEC = 13.7$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.78	0.0000	P	41.6
2	☐	1.000	0.970	5419.95	0.0017	P	1.2
3	☐	50.000	45.847	263725.42	0.0817	P	3.1
4	☐	125.000	120.548	688175.23	0.2147	P	1.8
5	☐	250.000	233.593	1365938.37	0.4161	P	1.5
6	☐	500.000	513.173	2961646.76	0.9141	A	2.3
7	☐	1000.000	998.280	5892916.86	1.7783	A	1.1
8	☐			568.91	0.0002	P	5.5

$$y = 0.0018 * x + 1.1940E-005$$

$$R = 0.9997$$

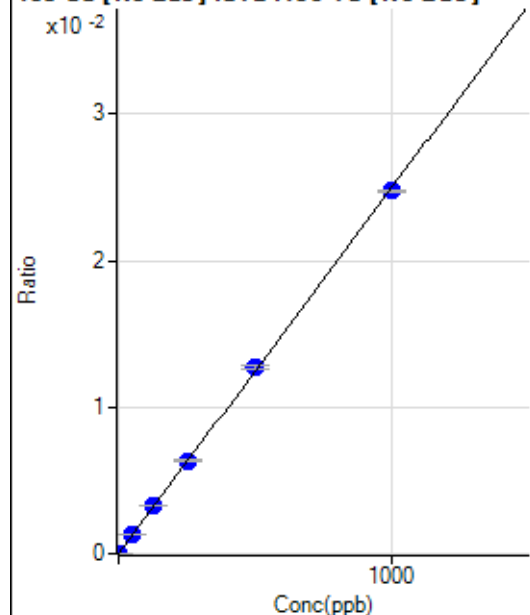
$$DL = 0.008361$$

$$BEC = 0.006703$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	1.000	0.986	78.89	0.0000	P	15.3
3	☐	50.000	51.079	4118.40	0.0013	P	2.7
4	☐	125.000	131.595	10523.90	0.0033	P	2.2
5	☐	250.000	253.755	20786.10	0.0063	P	1.6
6	☐	500.000	511.499	41357.76	0.0128	P	2.2
7	☐	1000.000	992.434	82062.85	0.0248	P	0.8
8	☐			37.78	0.0000	P	22.8

$$y = 2.4952E-005 * x + 6.9985E-007$$

$$R = 0.9999$$

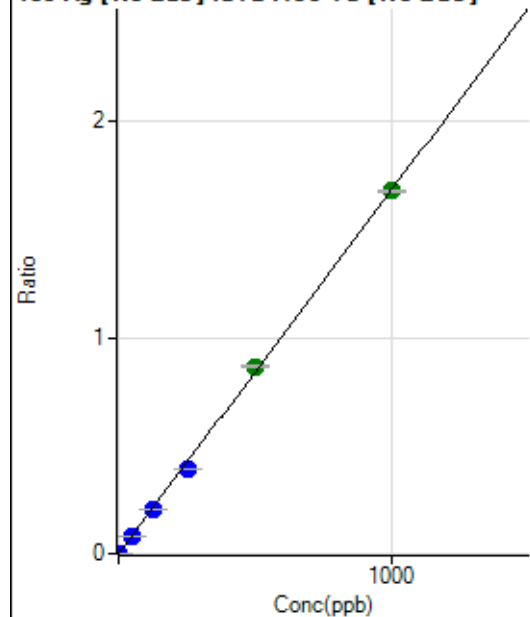
$$DL = 0.1457$$

$$BEC = 0.02805$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.9
2	☐	1.000	1.009	5325.48	0.0017	P	2.7
3	☐	50.000	46.035	250261.22	0.0775	P	1.8
4	☐	125.000	121.009	652800.68	0.2037	P	1.4
5	☐	250.000	233.044	1287737.39	0.3923	P	1.2
6	☐	500.000	514.219	2804580.17	0.8656	A	1.2
7	☐	1000.000	997.827	5565972.56	1.6796	A	0.7
8	☐			430.01	0.0001	P	23.3

$$y = 0.0017 * x + 1.0551E-005$$

$$R = 0.9997$$

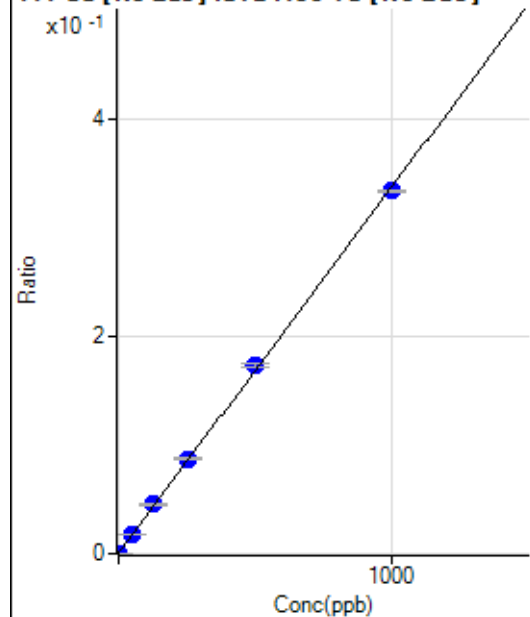
$$DL = 0.008246$$

$$BEC = 0.006268$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1065.96	0.0003	P	3.5
2	☐	1.000	1.114	2219.80	0.0007	P	3.4
3	☐	50.000	51.041	56596.60	0.0175	P	4.1
4	☐	125.000	133.374	145063.16	0.0453	P	1.5
5	☐	250.000	257.862	286239.73	0.0872	P	1.4
6	☐	500.000	512.800	560767.37	0.1731	P	1.7
7	☐	1000.000	990.536	1106836.52	0.3340	P	0.3
8	☐			1121.72	0.0004	P	4.3

$$y = 3.3686E-004 * x + 3.3697E-004$$

$$R = 0.9998$$

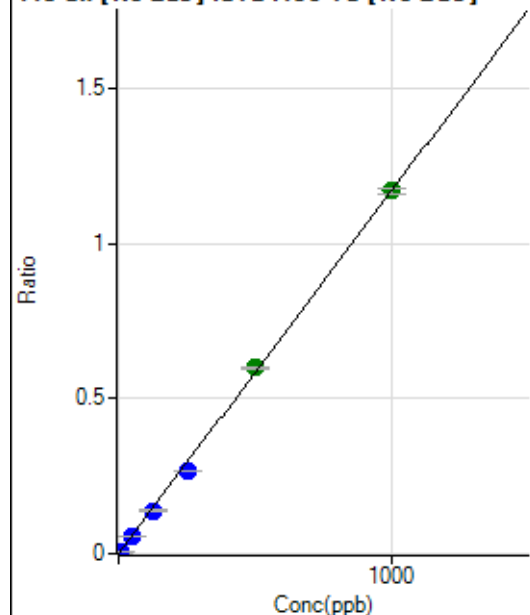
$$DL = 0.105$$

$$BEC = 1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1027.83	0.0003	P	6.0
2	☐	5.000	4.756	18328.42	0.0059	P	0.4
3	☐	50.000	45.712	173539.86	0.0537	P	0.8
4	☐	125.000	118.937	446490.05	0.1393	P	0.4
5	☐	250.000	228.321	876792.11	0.2671	P	1.2
6	☐	500.000	512.682	1942080.63	0.5993	A	1.5
7	☐	1000.000	1000.052	3873019.01	1.1688	A	1.3
8	☐			1464.54	0.0005	P	6.6

$$y = 0.0012 * x + 3.2492E-004$$

$$R = 0.9996$$

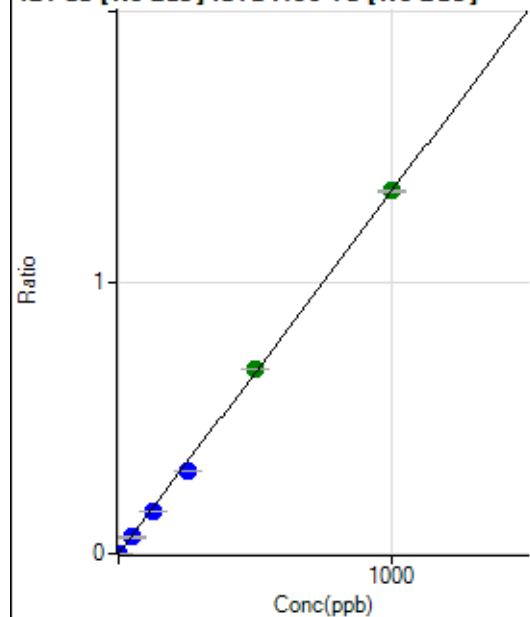
$$DL = 0.04968$$

$$BEC = 0.2781$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0000	P	37.1
2	☐	2.000	1.913	7985.62	0.0026	P	2.7
3	☐	50.000	45.303	195346.47	0.0605	P	2.3
4	☐	125.000	117.917	504602.83	0.1575	P	1.3
5	☐	250.000	227.516	997251.25	0.3038	P	1.2
6	☐	500.000	510.662	2209495.53	0.6818	A	0.2
7	☐	1000.000	1001.410	4430975.18	1.3371	A	0.8
8	☐			2968.12	0.0009	P	2.0

$$y = 0.0013 * x + 8.4225E-006$$

$$R = 0.9996$$

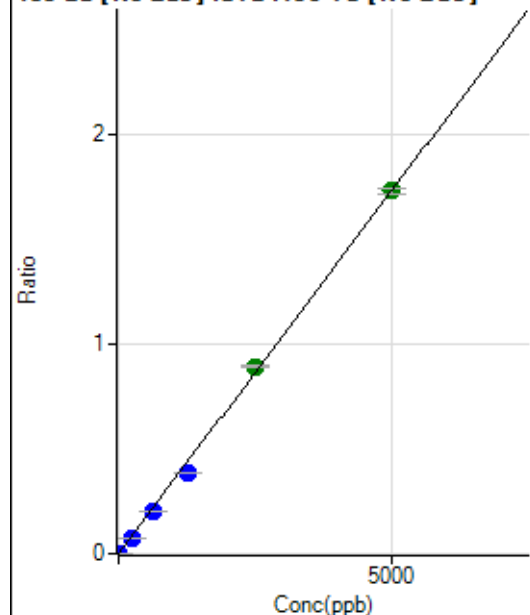
$$DL = 0.00702$$

$$BEC = 0.006308$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	19.8
2	☐	10.000	9.132	9845.70	0.0032	P	1.3
3	☐	250.000	218.989	244261.32	0.0756	P	2.6
4	☐	625.000	576.181	637878.44	0.1990	P	1.0
5	☐	1250.000	1113.358	1262422.98	0.3846	P	1.3
6	☐	2500.000	2580.152	2887909.92	0.8912	A	1.0
7	☐	5000.000	5001.739	5725691.44	1.7277	A	1.5
8	☐			2645.83	0.0008	P	3.3

$$y = 3.4541\text{E-}004 * x + 5.2676\text{E-}006$$

$$R = 0.9994$$

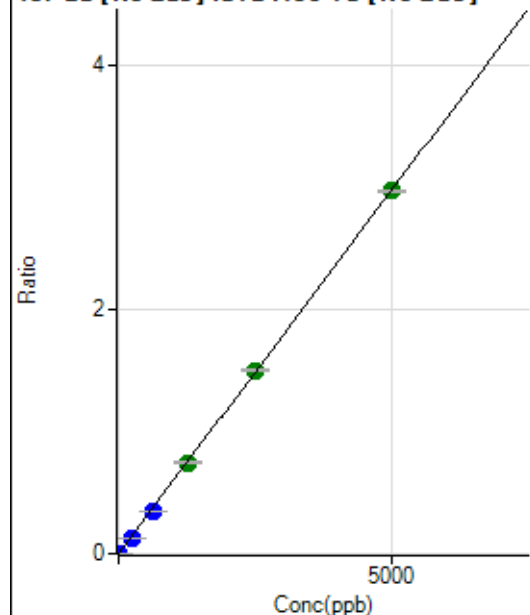
$$DL = 0.009076$$

$$BEC = 0.01525$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	33.0
2	☐	10.000	9.222	17101.46	0.0055	P	2.4
3	☐	250.000	221.394	424636.27	0.1315	P	1.6
4	☐	625.000	578.700	1101615.71	0.3437	P	0.5
5	☐	1250.000	1251.232	2439414.67	0.7431	A	1.2
6	☐	2500.000	2526.610	4862676.73	1.5006	A	0.4
7	☐	5000.000	4993.606	9827864.16	2.9657	A	0.5
8	☐			4546.33	0.0014	P	3.0

$$y = 5.9389\text{E-}004 * x + 1.1600\text{E-}005$$

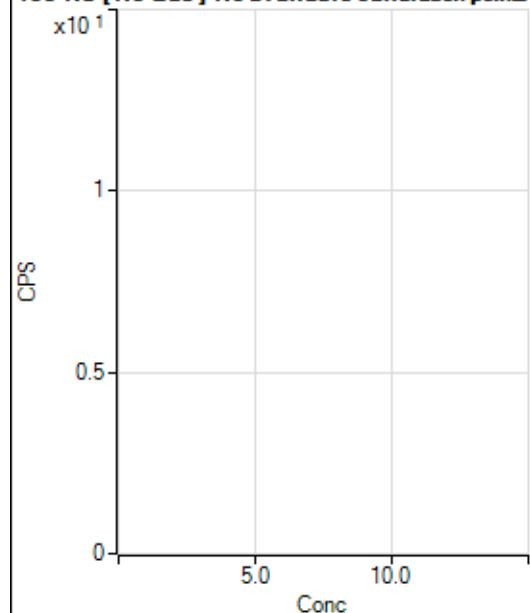
$$R = 0.9999$$

$$DL = 0.01933$$

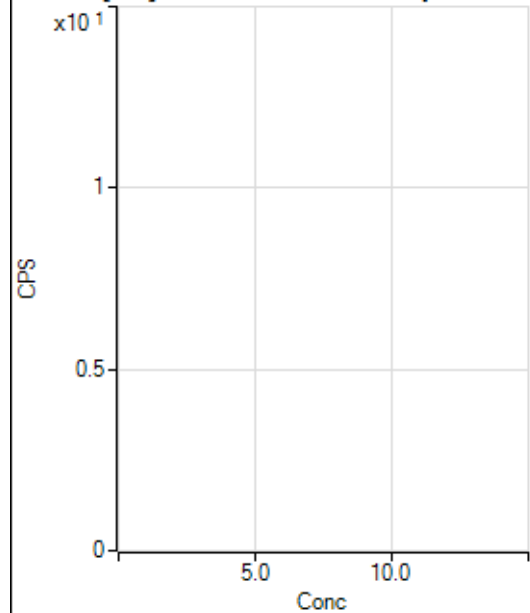
$$BEC = 0.01953$$

Weight: <None>

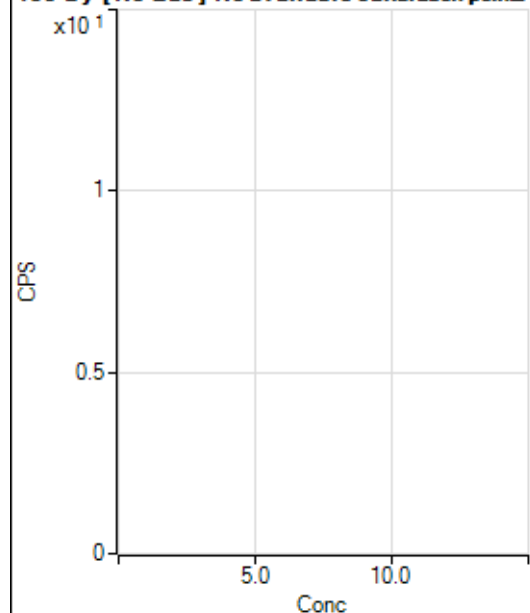
Min Conc: 0

150 Nd [No Gas] No available calibration points

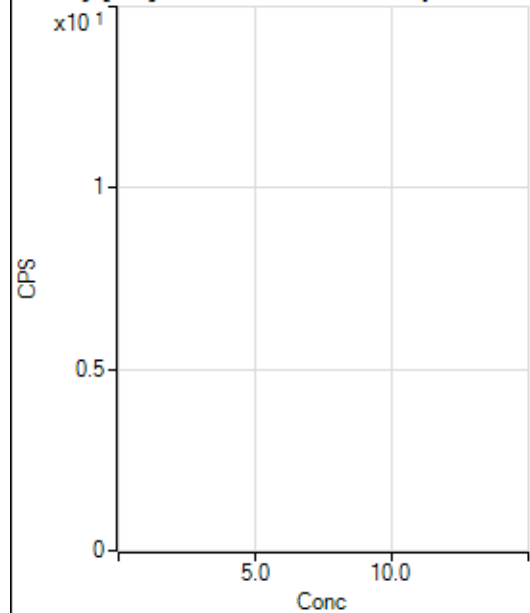
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			20.00		P	60.1
4	☐			40.00		P	22.0
5	☐			58.89		P	33.2
6	☐			138.89		P	16.0
7	☐			260.01		P	5.6
8	☐			108.89		P	9.4

150 Nd [He] No available calibration points

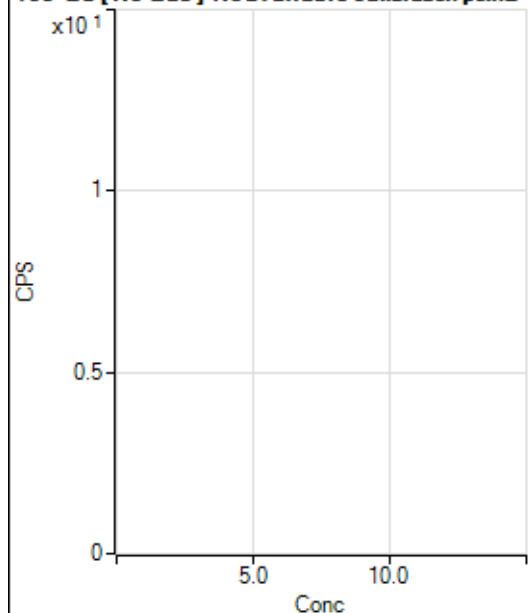
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			1.11		P	173.
3	☐			2.22		P	173.
4	☐			13.33		P	NaN
5	☐			18.89		P	44.4
6	☐			30.00		P	40.1
7	☐			75.56		P	10.2
8	☐			70.00		P	17.2

156 Dy [No Gas] No available calibration points

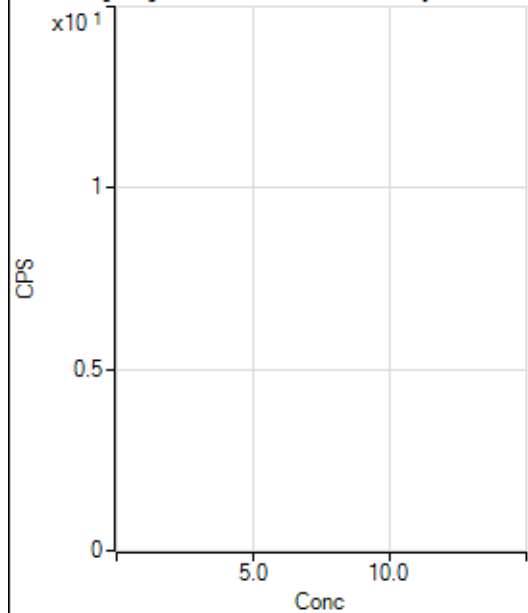
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	65.5
3	☐			51.11		P	32.2
4	☐			22.22		P	22.9
5	☐			32.22		P	29.8
6	☐			72.22		P	10.7
7	☐			101.11		P	7.6
8	☐			200.00		P	7.3

156 Dy [He] No available calibration points

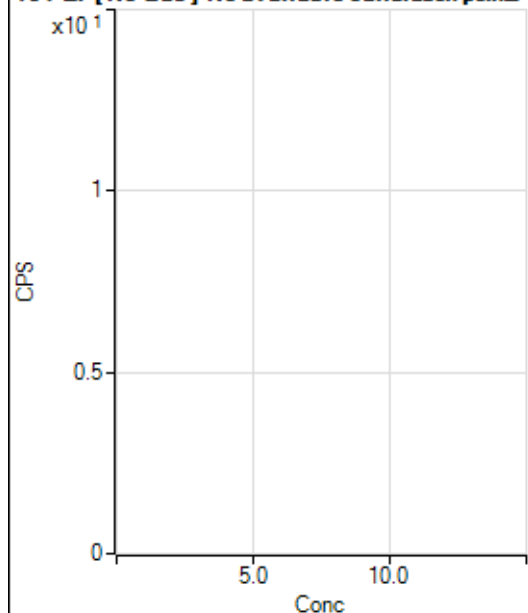
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			72.22		P	9.6
4	☐			48.89		P	17.2
5	☐			77.78		P	23.6
6	☐			186.67		P	29.7
7	☐			296.67		P	18.5
8	☐			161.12		P	10.4

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

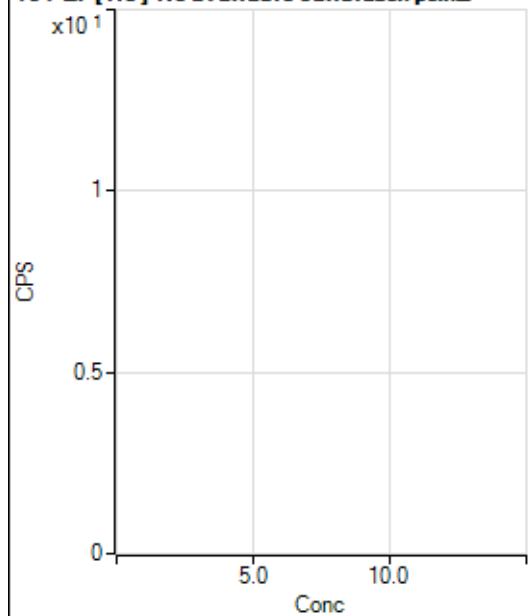
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐			27.78		P	42.1
3	☐			28.89		P	17.6
4	☐			24.45		P	28.4
5	☐			36.66		P	15.7
6	☐			50.00		P	24.0
7	☐			84.45		P	16.0
8	☐			232.23		P	16.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			121.12		P	5.7
2	☐			151.11		P	14.7
3	☐			143.34		P	14.1
4	☐			141.11		P	10.7
5	☐			184.45		P	14.6
6	☐			177.78		P	5.7
7	☐			182.23		P	13.0
8	☐			323.34		P	12.5

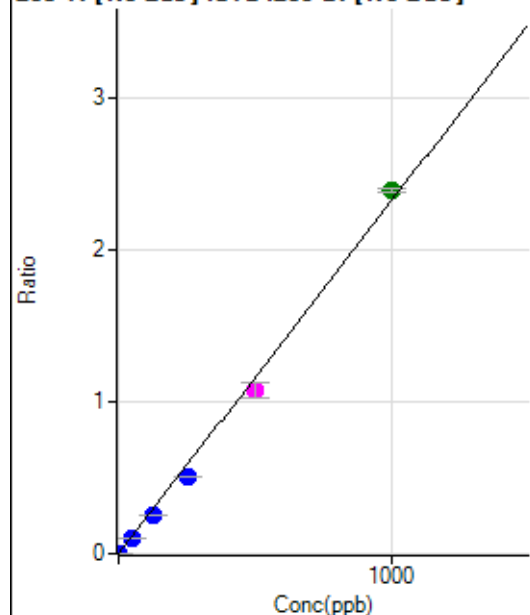
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			27.78		P	6.9
3	☐			30.00		P	11.1
4	☐			33.33		P	36.1
5	☐			48.89		P	23.9
6	☐			75.55		P	30.0
7	☐			111.11		P	26.2
8	☐			447.79		P	7.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	75.3
2	☐			23.33		P	62.3
3	☐			25.55		P	41.9
4	☐			30.00		P	44.4
5	☐			40.00		P	30.0
6	☐			60.00		P	25.5
7	☐			81.11		P	21.1
8	☐			350.01		P	9.9

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0000	P	27.4
2	☐	1.000	0.932	3259.32	0.0022	P	2.8
3	☐	50.000	44.271	151728.39	0.1030	P	0.9
4	☐	125.000	111.241	385213.71	0.2589	P	0.4
5	☐	250.000	219.335	754067.72	0.5104	P	0.4
6	☐	500.000	462.559	1591894.04	1.0763	M	9.4
7	☐	1000.000	1028.393	3524063.63	2.3928	A	1.2
8	☐			421.12	0.0003	P	8.1

$$y = 0.0023 * x + 4.5896E-005$$

$$R = 0.9985$$

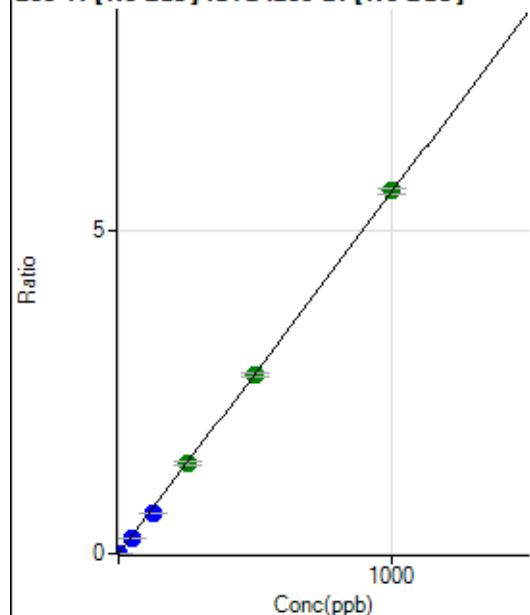
$$DL = 0.01619$$

$$BEC = 0.01973$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	164.45	0.0001	P	8.2
2	☐	1.000	0.868	7315.38	0.0050	P	2.9
3	☐	50.000	43.571	359336.72	0.2440	P	1.7
4	☐	125.000	109.661	913846.54	0.6141	P	0.7
5	☐	250.000	250.224	2069974.26	1.4010	A	2.3
6	☐	500.000	495.530	4103240.39	2.7744	A	1.3
7	☐	1000.000	1004.418	8283148.14	5.6234	A	1.3
8	☐			980.04	0.0007	P	4.9

$$y = 0.0056 * x + 1.1129E-004$$

$$R = 0.9999$$

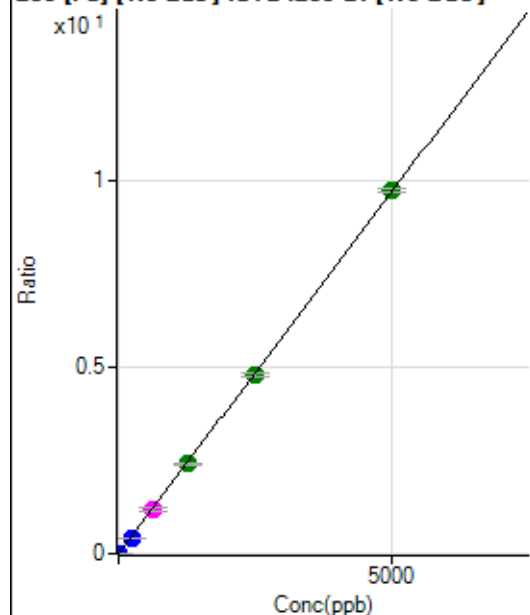
$$DL = 0.00488$$

$$BEC = 0.01988$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.89	0.0001	P	5.6
2	☐	1.000	0.856	2659.18	0.0018	P	3.2
3	☐	250.000	216.495	617644.72	0.4195	P	1.1
4	☐	625.000	611.229	1763634.54	1.1840	M	8.5
5	☐	1250.000	1238.539	3544633.49	2.3991	A	1.0
6	☐	2500.000	2478.255	7099704.34	4.8003	A	1.6
7	☐	5000.000	5017.134	14313525.48	9.7178	A	1.1
8	☐			2800.32	0.0021	P	2.9

$$y = 0.0019 * x + 1.4817E-004$$

$$R = 1.0000$$

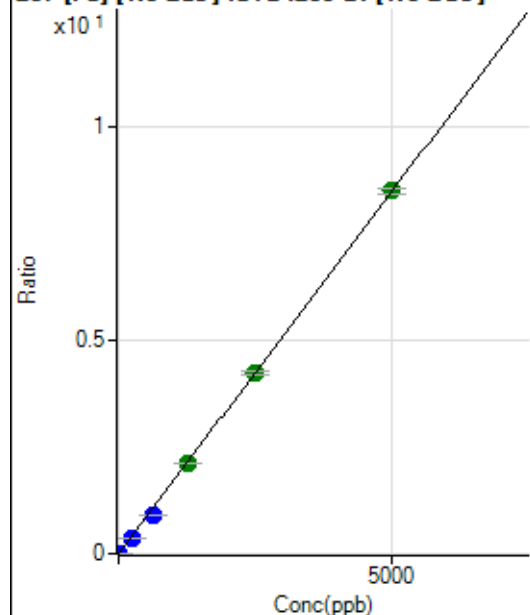
$$DL = 0.01293$$

$$BEC = 0.0765$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.11	0.0001	P	15.7
2	☐	1.000	0.825	2260.21	0.0015	P	1.2
3	☐	250.000	215.395	538376.03	0.3657	P	1.6
4	☐	625.000	544.441	1375043.02	0.9240	P	0.1
5	☐	1250.000	1242.893	3116508.08	2.1093	A	0.7
6	☐	2500.000	2494.343	6260496.36	4.2329	A	2.2
7	☐	5000.000	5016.405	12539021.62	8.5128	A	1.4
8	☐			2322.45	0.0017	P	3.4

$$y = 0.0017 * x + 1.3616E-004$$

$$R = 0.9999$$

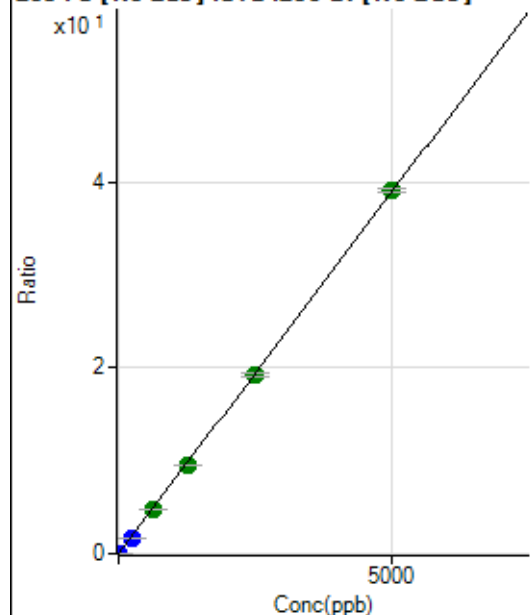
$$DL = 0.03767$$

$$BEC = 0.08024$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	840.02	0.0006	P	1.3
2	☐	1.000	0.862	10707.35	0.0073	P	0.6
3	☐	250.000	215.593	2471212.25	1.6783	P	1.0
4	☐	625.000	608.033	7043360.80	4.7324	A	1.4
5	☐	1250.000	1230.002	14143567.22	9.5726	A	1.0
6	☐	2500.000	2475.706	28495534.36	19.2668	A	1.4
7	☐	5000.000	5020.988	57554314.97	39.0745	A	1.2
8	☐			10806.23	0.0081	P	1.6

$$y = 0.0078 * x + 5.6855E-004$$

$$R = 1.0000$$

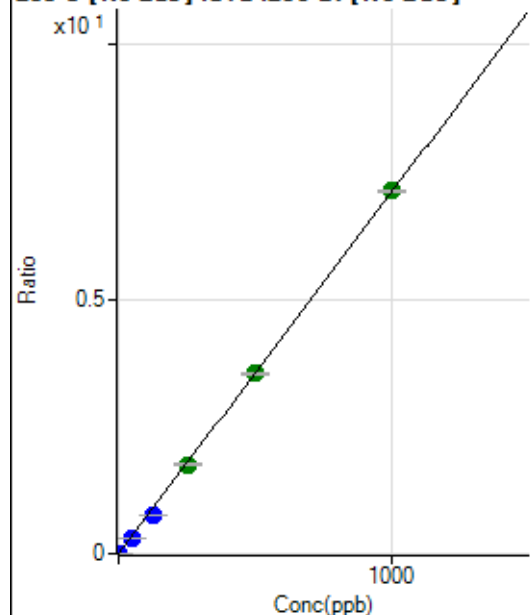
$$DL = 0.002816$$

$$BEC = 0.07306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0000	P	88.0
2	☐	1.000	0.889	9306.68	0.0063	P	0.2
3	☐	50.000	42.279	442126.12	0.3003	P	2.0
4	☐	125.000	107.010	1130878.95	0.7600	P	0.3
5	☐	250.000	247.229	2594209.75	1.7558	A	0.6
6	☐	500.000	499.092	5241941.80	3.5445	A	1.0
7	☐	1000.000	1003.782	10498932.90	7.1287	A	0.8
8	☐			241.11	0.0002	P	5.6

$$y = 0.0071 * x + 6.7621E-006$$

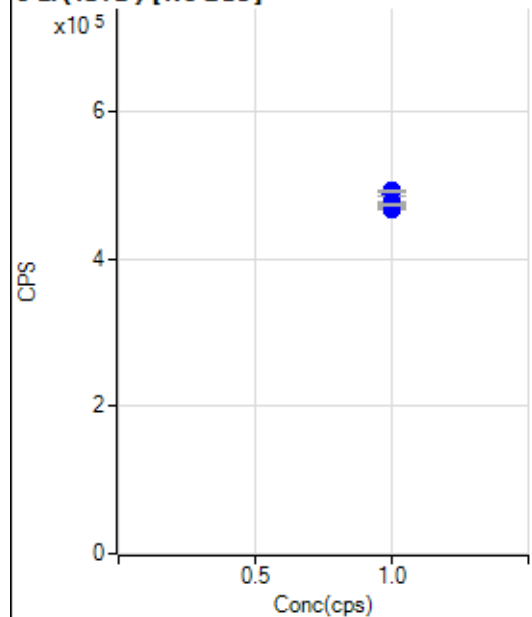
$$R = 0.9998$$

$$DL = 0.002513$$

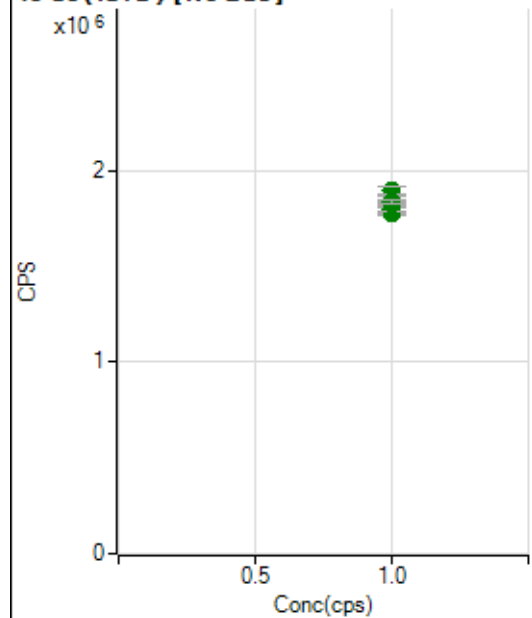
$$BEC = 0.0009522$$

Weight: <None>

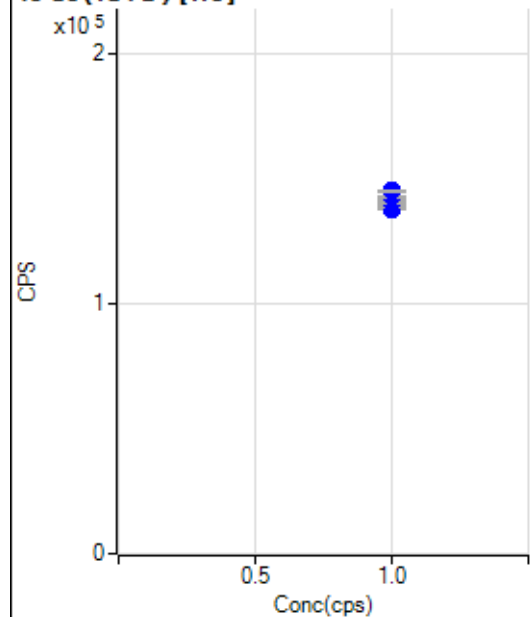
Min Conc: 0

6 Li (ISTD) [No Gas]

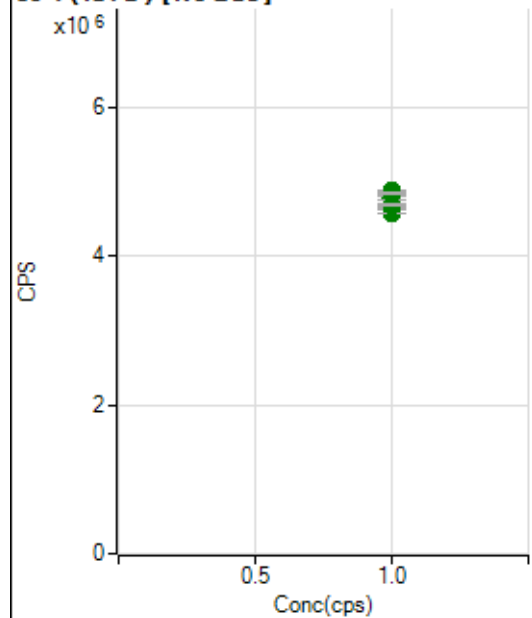
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		487873.78		P	0.8
2	☐	1.000		491314.44		P	0.5
3	☐	1.000		491701.57		P	0.4
4	☐	1.000		474981.90		P	0.3
5	☐	1.000		467379.66		P	0.2
6	☐	1.000		474382.26		P	0.6
7	☐	1.000		472847.09		P	0.4
8	☐	1.000		472305.35		P	0.4

45 Sc (ISTD) [No Gas]

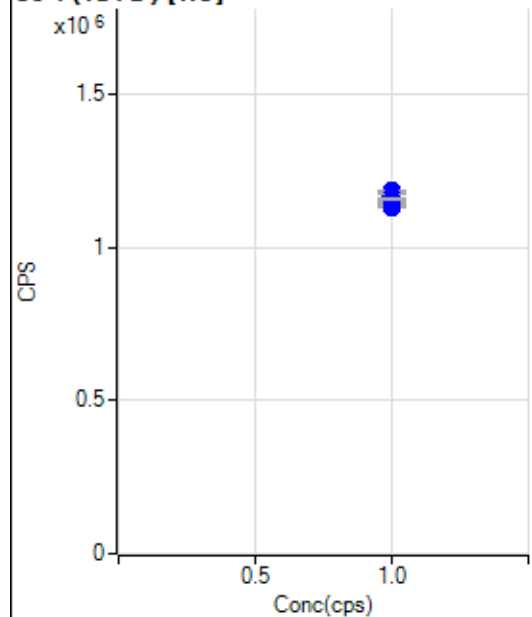
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1779556.99		A	1.0
2	☐	1.000		1778284.02		A	0.4
3	☐	1.000		1795741.19		A	0.6
4	☐	1.000		1893459.53		A	2.0
5	☐	1.000		1870780.22		A	0.4
6	☐	1.000		1835665.25		A	0.7
7	☐	1.000		1827893.43		A	0.7
8	☐	1.000		1839290.77		A	1.0

45 Sc (ISTD) [He]

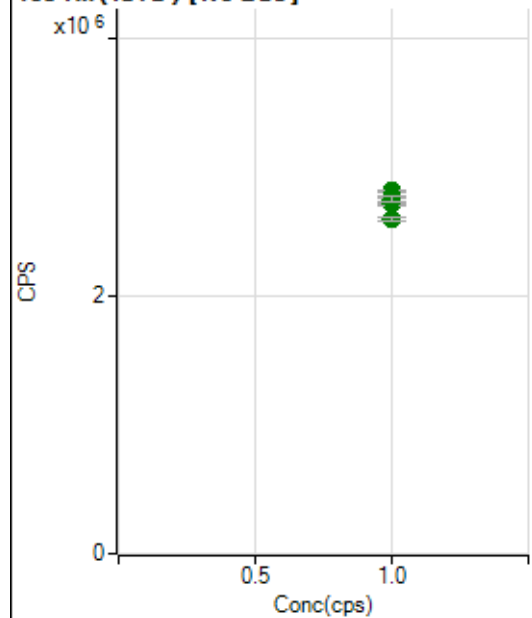
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		139799.29		P	0.8
2	☐	1.000		138084.40		P	0.8
3	☐	1.000		139077.87		P	0.5
4	☐	1.000		144865.85		P	0.5
5	☐	1.000		142379.19		P	1.2
6	☐	1.000		140647.42		P	0.9
7	☐	1.000		143168.77		P	0.5
8	☐	1.000		145379.76		P	0.5

89 Y (ISTD) [No Gas]

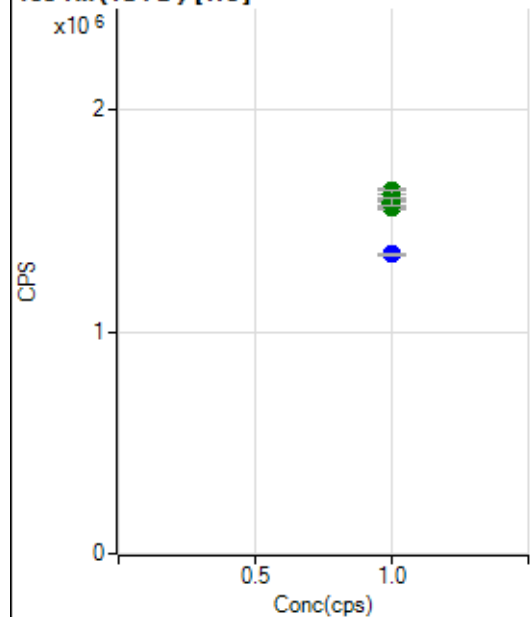
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4664822.67		A	0.4
2	☐	1.000		4645336.28		A	0.7
3	☐	1.000		4572504.41		A	0.2
4	☐	1.000		4813491.45		A	0.6
5	☐	1.000		4874977.19		A	0.6
6	☐	1.000		4789663.33		A	1.2
7	☐	1.000		4847611.60		A	0.6
8	☐	1.000		4689585.42		A	0.7

89 Y(ISTD) [He]

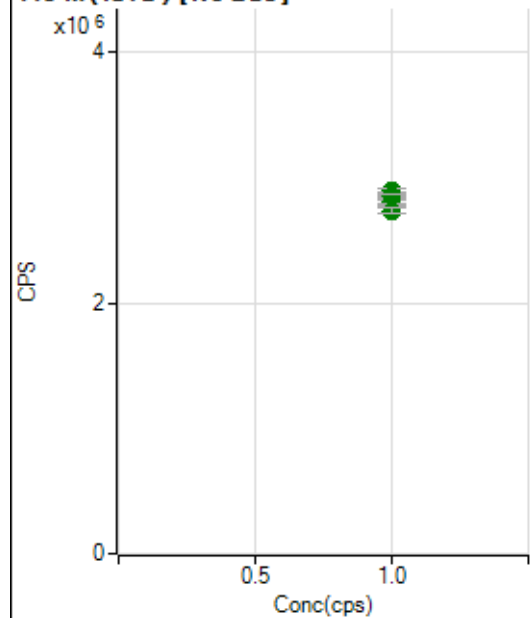
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1137226.01		P	0.5
2	☐	1.000		1131744.09		P	0.6
3	☐	1.000		1144518.00		P	0.7
4	☐	1.000		1183954.66		P	0.8
5	☐	1.000		1164918.48		P	1.1
6	☐	1.000		1165893.56		P	0.9
7	☐	1.000		1164112.69		P	1.4
8	☐	1.000		1156983.67		P	0.7

103 Rh(ISTD) [No Gas]

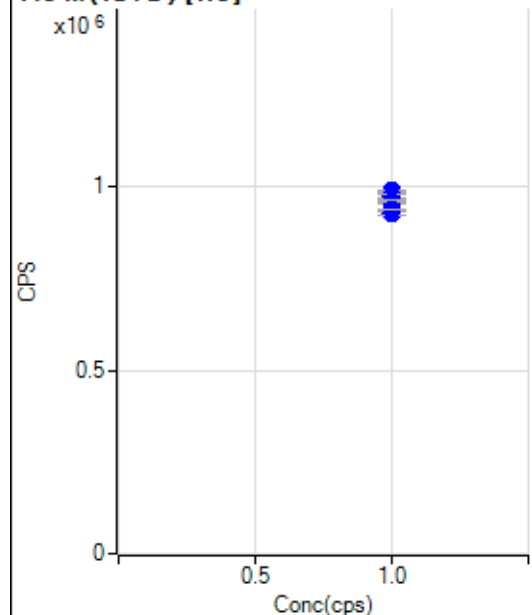
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2744371.24		A	1.0
2	☐	1.000		2711094.27		A	0.4
3	☐	1.000		2717738.02		A	1.2
4	☐	1.000		2748611.38		A	1.3
5	☐	1.000		2814668.22		A	0.4
6	☐	1.000		2771022.18		A	0.6
7	☐	1.000		2747903.71		A	1.5
8	☐	1.000		2598051.89		A	1.0

103 Rh (ISTD) [He]

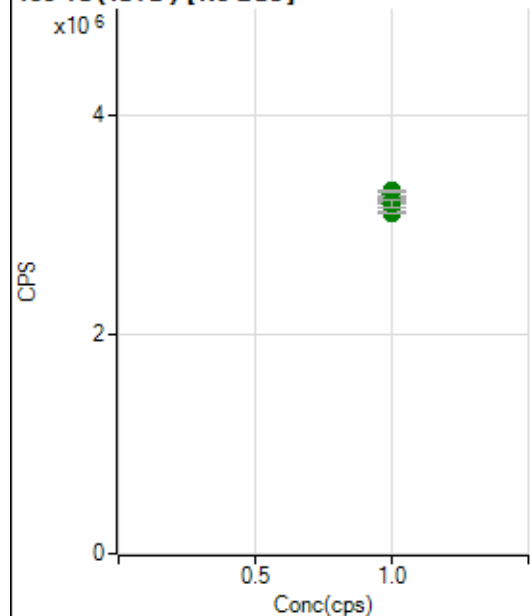
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1562911.75		A	1.3
2	☐	1.000		1578321.05		A	1.8
3	☐	1.000		1580833.24		A	1.7
4	☐	1.000		1636800.51		A	1.8
5	☐	1.000		1623267.09		A	1.8
6	☐	1.000		1586873.97		A	0.3
7	☐	1.000		1590460.08		A	2.2
8	☐	1.000		1349510.34		P	0.6

115 In (ISTD) [No Gas]

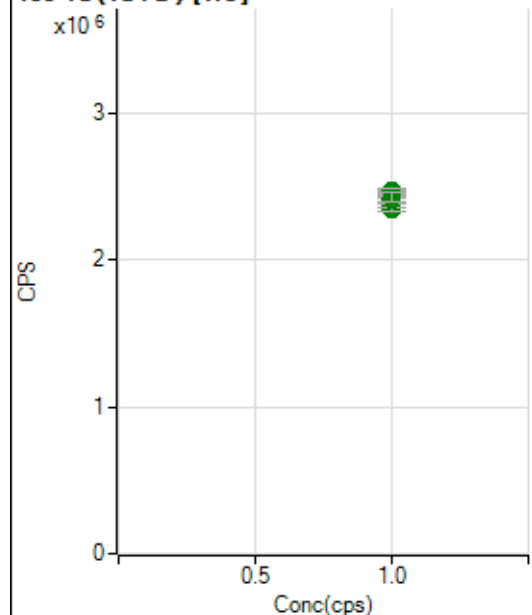
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2859899.38		A	0.7
2	☐	1.000		2843564.03		A	1.4
3	☐	1.000		2808981.44		A	1.0
4	☐	1.000		2849538.58		A	0.8
5	☐	1.000		2895914.61		A	1.2
6	☐	1.000		2854332.30		A	1.6
7	☐	1.000		2787665.01		A	0.8
8	☐	1.000		2737324.65		A	1.7

115 In (ISTD) [He]

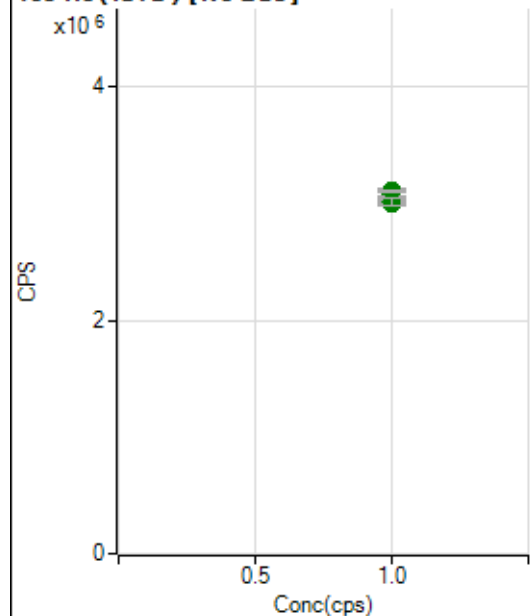
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		961904.77		P	0.5
2	☐	1.000		952491.56		P	0.4
3	☐	1.000		965648.37		P	0.5
4	☐	1.000		987786.01		P	0.5
5	☐	1.000		971407.50		P	1.1
6	☐	1.000		960680.59		P	0.6
7	☐	1.000		927709.05		P	0.8
8	☐	1.000		936240.52		P	0.3

159 Tb (ISTD) [No Gas]

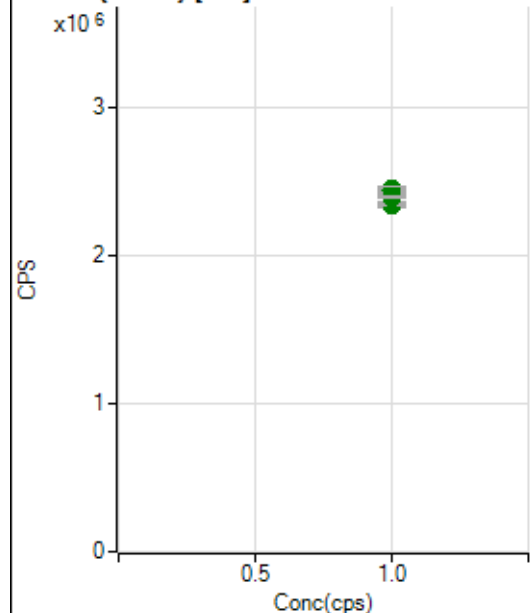
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3163079.50		A	0.4
2	☐	1.000		3116174.50		A	0.7
3	☐	1.000		3229800.44		A	1.6
4	☐	1.000		3205452.87		A	2.4
5	☐	1.000		3282995.65		A	1.3
6	☐	1.000		3240497.14		A	1.4
7	☐	1.000		3313883.84		A	0.9
8	☐	1.000		3202016.76		A	2.2

159 Tb (ISTD) [He]

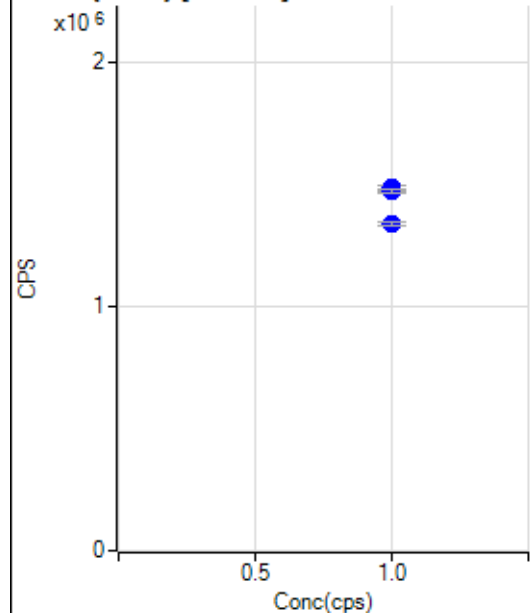
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2369663.63		A	1.4
2	☐	1.000		2343838.61		A	0.9
3	☐	1.000		2404081.84		A	1.5
4	☐	1.000		2462390.69		A	1.9
5	☐	1.000		2448017.76		A	1.1
6	☐	1.000		2447198.78		A	2.3
7	☐	1.000		2471650.59		A	1.8
8	☐	1.000		2428204.04		A	2.7

165 Ho (ISTD) [No Gas]

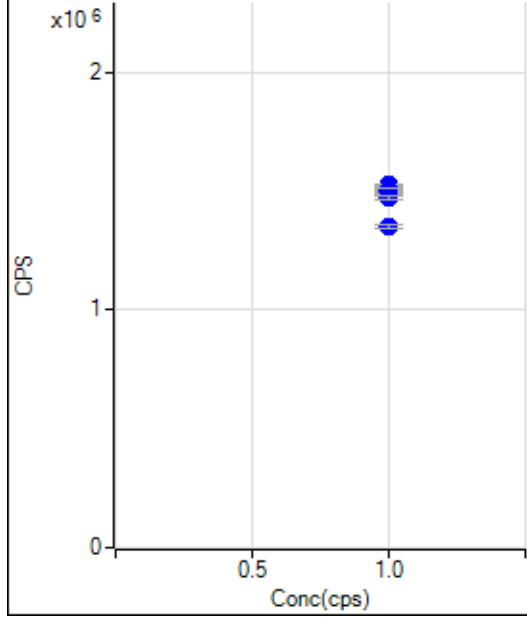
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3029892.25		A	0.9
2	☐	1.000		3003445.51		A	1.2
3	☐	1.000		3011648.95		A	0.7
4	☐	1.000		3071373.29		A	3.3
5	☐	1.000		3068526.62		A	1.5
6	☐	1.000		3086928.74		A	1.2
7	☐	1.000		3106252.21		A	0.5
8	☐	1.000		3011337.56		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2348154.90		A	1.7
2	☐	1.000		2342045.31		A	0.8
3	☐	1.000		2390607.64		A	0.2
4	☐	1.000		2451285.73		A	0.7
5	☐	1.000		2435156.68		A	0.7
6	☐	1.000		2444693.17		A	0.5
7	☐	1.000		2439838.87		A	2.2
8	☐	1.000		2398741.56		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1477478.73		P	0.3
2	☐	1.000		1472063.71		P	0.5
3	☐	1.000		1472413.36		P	0.4
4	☐	1.000		1488099.61		P	1.7
5	☐	1.000		1477522.16		P	0.2
6	☐	1.000		1478949.74		P	0.5
7	☐	1.000		1472844.09		P	1.0
8	☐	1.000		1341232.99		P	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1502145.95		P	0.7
2	☐	1.000		1473236.58		P	1.6
3	☐	1.000		1510298.29		P	0.5
4	☐	1.000		1526921.59		P	0.8
5	☐	1.000		1503871.65		P	1.0
6	☐	1.000		1500925.07		P	1.3
7	☐	1.000		1470779.27		P	1.3
8	☐	1.000		1353021.40		P	1.0