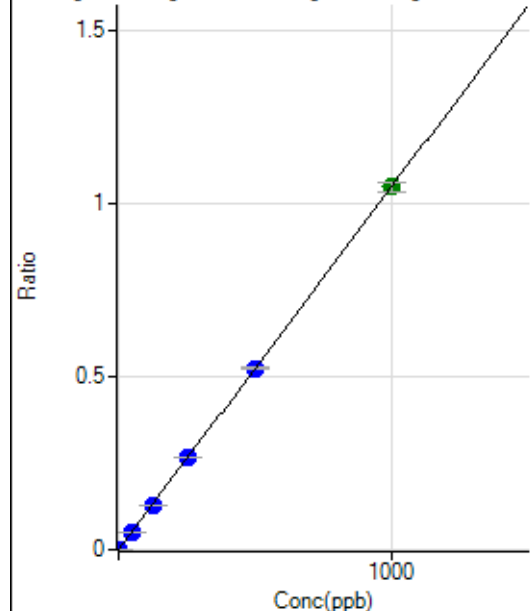


Batch Folder: D:\P8032819-MS.b\
Analysis File: P8032819-MS.batch.bin
DA Date-Time: 2019-03-28 18:58:44
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-03-28 16:11:09
2			
3	005CALS.d	S02	2019-03-28 16:18:53
4	006CALS.d	S03	2019-03-28 16:22:44
5	007CALS.d	S04	2019-03-28 16:26:34
6	008CALS.d	S05	2019-03-28 16:30:20
7	009CALS.d	S06	2019-03-28 16:34:01
8	010CALS.d	S07	2019-03-28 16:37:38
9	011CALS.d	S08	2019-03-28 16:41:05

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	51.11	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.873	1576.78	0.0009	P	4.4
4	☐	50.000	48.932	85914.18	0.0514	P	2.2
5	☐	125.000	122.704	215290.52	0.1289	P	0.7
6	☐	250.000	253.841	433094.08	0.2666	P	1.5
7	☐	500.000	499.053	851318.49	0.5241	P	0.8
8	☐	1000.000	999.854	1694619.30	1.0501	A	2.4
9	☐			184.45	0.0001	P	22.2

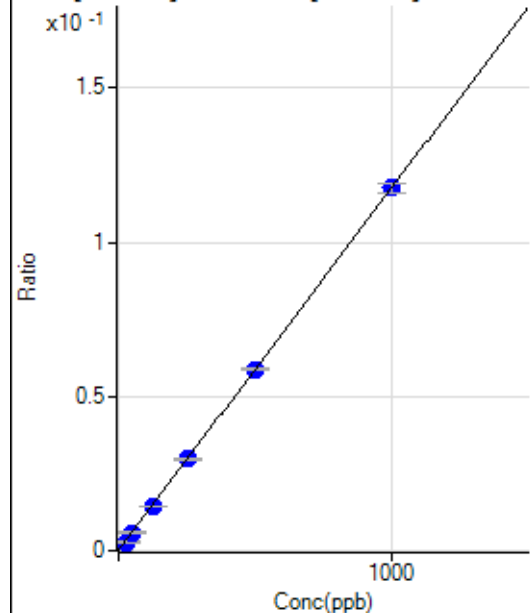
$$y = 0.0011 * x + 3.0329E-005$$

$$R = 1.0000$$

$$DL = 0.01696$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.57	0.0001	P	16.0
2	☐	2.500					
3	☐	25.000	22.429	4592.61	0.0028	P	11.5
4	☐	50.000	48.577	9753.71	0.0058	P	4.8
5	☐	125.000	120.382	23834.46	0.0143	P	1.2
6	☐	250.000	251.974	48265.48	0.0297	P	3.3
7	☐	500.000	499.663	95488.84	0.0588	P	0.8
8	☐	1000.000	1000.387	189721.10	0.1176	P	2.4
9	☐			5656.91	0.0036	P	11.0

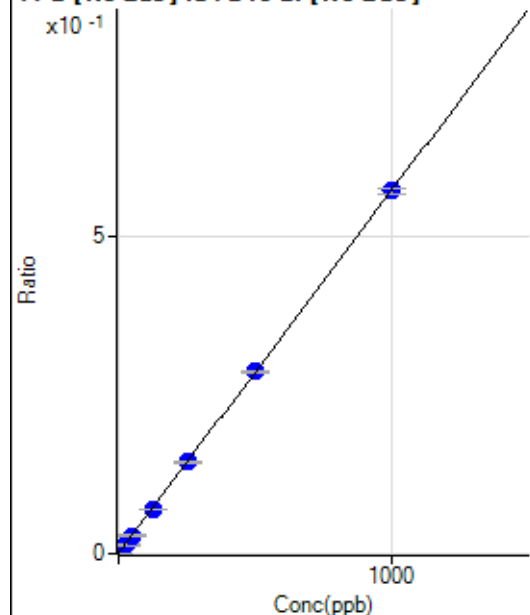
$$y = 1.1739E-004 * x + 1.3680E-004$$

$$R = 1.0000$$

$$DL = 0.5581$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1019.52	0.0006	P	10.8
2	☐	2.500					
3	☐	25.000	22.984	22818.97	0.0137	P	7.7
4	☐	50.000	48.980	47788.90	0.0286	P	3.1
5	☐	125.000	121.752	117253.54	0.0702	P	2.2
6	☐	250.000	252.281	235231.46	0.1448	P	1.7
7	☐	500.000	501.295	466419.33	0.2872	P	1.0
8	☐	1000.000	999.290	922818.25	0.5718	P	1.5
9	☐			27827.79	0.0175	P	9.4

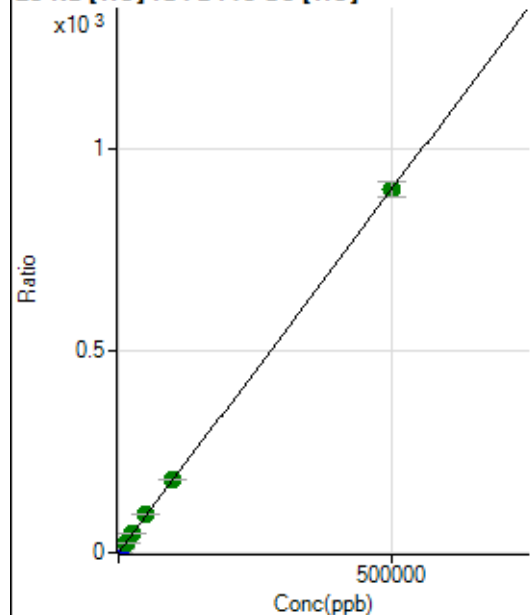
$$y = 5.7163\text{E-}004 * x + 6.0469\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.342$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9033.80	0.1745	P	24.4
2	☐	50.000					
3	☐	500.000	483.816	56532.50	1.0434	P	0.9
4	☐	5000.000	5334.524	528774.07	9.7550	P	0.9
5	☐	12500.000	13383.616	1265889.62	24.2108	A	0.5
6	☐	25000.000	26657.199	2548683.30	48.0496	A	0.4
7	☐	50000.000	52600.115	4937955.36	94.6419	A	2.8
8	☐	100000.00	100274.25	9573995.53	180.2624	A	0.5
9	☐	500000.00	499576.85	48227947.61	897.3916	A	4.3

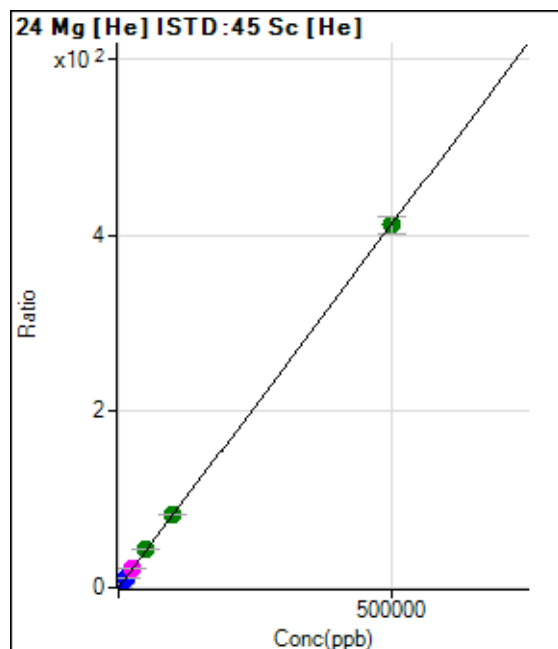
$$y = 0.0018 * x + 0.1745$$

$$R = 1.0000$$

$$DL = 71.18$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	413.91	0.0078	P	9.3
2	☐	50.000					
3	☐	500.000	502.150	22835.75	0.4214	P	1.1
4	☐	5000.000	5276.579	236011.20	4.3545	P	2.5
5	☐	12500.000	13100.848	564576.02	10.7998	P	1.3
6	☐	25000.000	26261.488	1147910.04	21.6411	M	0.8
7	☐	50000.000	53307.627	2291592.17	43.9208	A	2.7
8	☐	100000.00	101008.78	4419580.70	83.2154	A	0.9
9	☐	500000.00	499386.61	22107529.31	411.3856	A	4.5

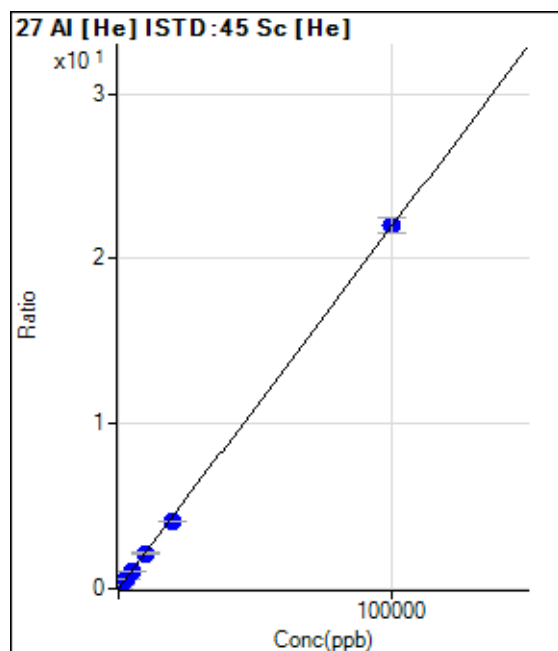
$$y = 8.2377\text{E-}004 * x + 0.0078$$

$$R = 1.0000$$

$$DL = 2.65$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.01	0.0010	P	45.5
2	☐	2.000					
3	☐	20.000	18.448	273.41	0.0050	P	4.3
4	☐	1000.000	981.993	11729.55	0.2164	P	0.7
5	☐	2500.000	2449.079	28129.84	0.5381	P	1.6
6	☐	5000.000	4918.627	57273.68	1.0798	P	1.1
7	☐	10000.000	9826.311	112494.57	2.1561	P	2.9
8	☐	20000.000	18806.478	219119.33	4.1257	P	0.6
9	☐	100000.00	100261.59	1181848.44	21.9907	P	4.3

$$y = 2.1932\text{E-}004 * x + 0.0010$$

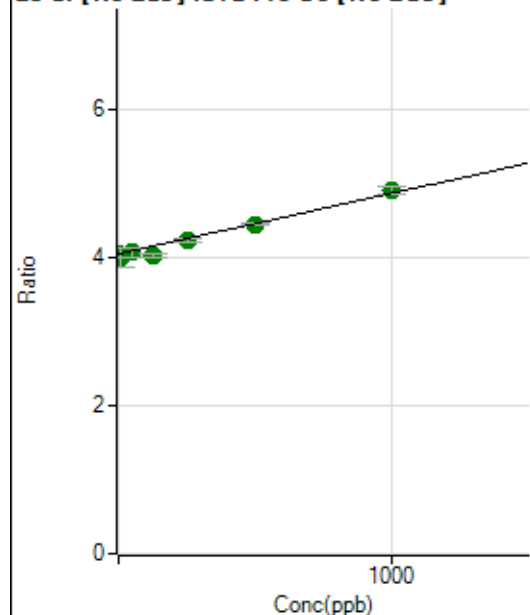
$$R = 0.9999$$

$$DL = 6.22$$

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	14100138.33	4.0602	A	2.0
2	☐	1.000					
3	☐	10.000	-69.177	13791533.47	4.0037	A	6.7
4	☐	50.000	16.852	13906140.94	4.0740	A	3.5
5	☐	125.000	-29.836	13933688.68	4.0358	A	1.2
6	☐	250.000	212.654	14392754.83	4.2342	A	1.1
7	☐	500.000	486.323	15236724.13	4.4581	A	0.4
8	☐	1000.000	1037.979	16639794.47	4.9095	A	2.0
9	☐			14259034.69	4.2271	A	0.8

$$y = 8.1816\text{E-}004 * x + 4.0602$$

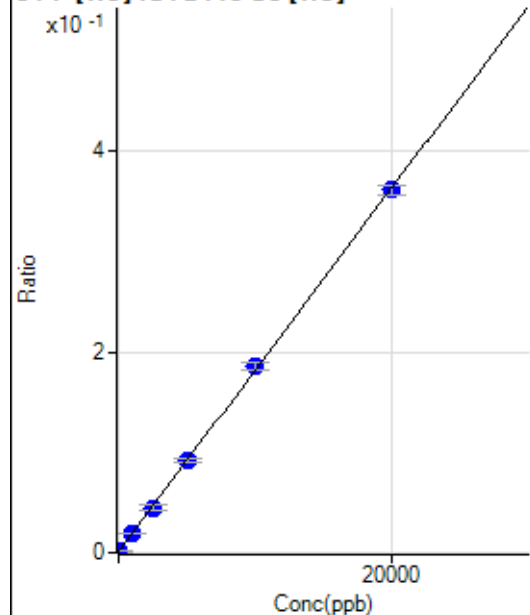
$$R = 0.9920$$

$$DL = 293$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-26.095	22.22	0.0004	P	41.8
2	☐	0.000					
3	☐	0.000	26.095	75.00	0.0014	P	29.8
4	☐	1000.000	984.448	1016.76	0.0188	P	3.2
5	☐	2500.000	2411.419	2336.41	0.0446	P	11.5
6	☐	5000.000	5050.820	4903.87	0.0925	P	3.3
7	☐	10000.000	10183.664	9678.75	0.1855	P	4.5
8	☐	20000.000	19907.313	19211.09	0.3617	P	2.4
9	☐			44.45	0.0008	P	27.4

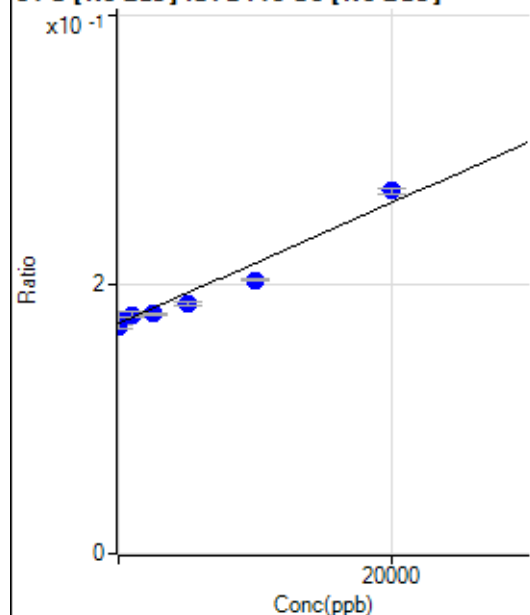
$$y = 1.8125\text{E-}005 * x + 9.1281\text{E-}004$$

$$R = 0.9999$$

$$DL = 49.41$$

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	-467.430	587797.89	0.1693	P	1.9
2	☐	0.000					
3	☐	0.000	467.430	597365.74	0.1735	P	7.3
4	☐	1000.000	1428.374	606923.28	0.1778	P	2.8
5	☐	2500.000	1615.556	616699.64	0.1786	P	0.8
6	☐	5000.000	3253.225	632208.44	0.1860	P	1.4
7	☐	10000.000	7185.940	696016.87	0.2036	P	1.0
8	☐	20000.000	21932.860	914846.67	0.2699	P	1.8
9	☐			480889.71	0.1425	P	1.2

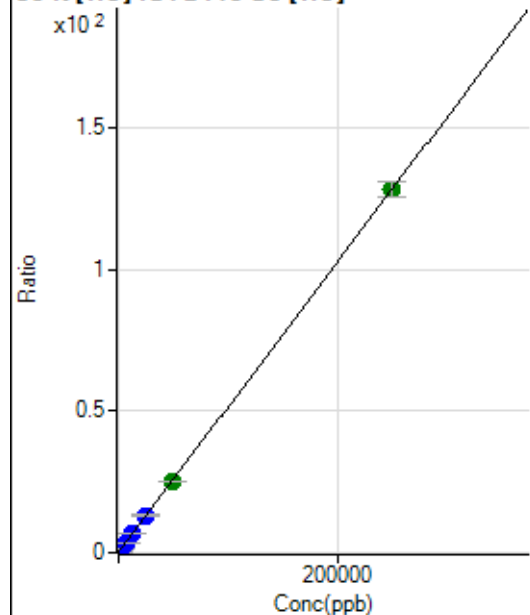
$$y = 4.4935\text{E-}006 * x + 0.1714$$

$$R = 0.9811$$

$$DL = 5323$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7930.37	0.1546	P	30.0
2	☐	50.000					
3	☐	500.000	479.201	21664.63	0.3998	P	0.9
4	☐	2500.000	2536.675	78756.50	1.4530	P	1.3
5	☐	6250.000	6332.815	177562.07	3.3961	P	1.0
6	☐	12500.000	12542.507	348717.72	6.5745	P	1.4
7	☐	25000.000	25257.471	682590.94	13.0828	P	2.9
8	☐	50000.000	48908.245	1337771.32	25.1886	A	0.9
9	☐	250000.00	250188.08	6891113.78	128.2152	A	4.1

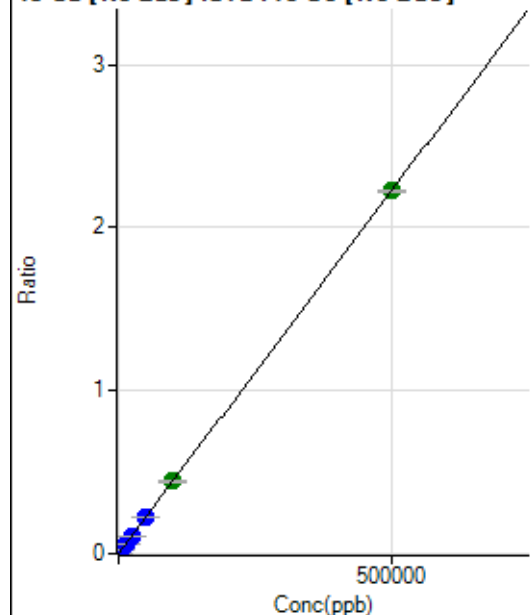
$$y = 5.1186\text{E-}004 * x + 0.1546$$

$$R = 1.0000$$

$$DL = 271.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	611.13	0.0002	P	3.1
2	☐	50.000					
3	☐	500.000	444.212	7417.62	0.0022	P	7.0
4	☐	5000.000	4935.509	75591.78	0.0221	P	3.2
5	☐	12500.000	12167.558	187577.53	0.0543	P	1.6
6	☐	25000.000	25084.184	380114.89	0.1118	P	0.3
7	☐	50000.000	49724.836	757017.77	0.2215	P	0.3
8	☐	100000.00	100248.64	1512917.41	0.4464	A	2.2
9	☐	500000.00	499982.59	7507782.32	2.2256	A	0.7

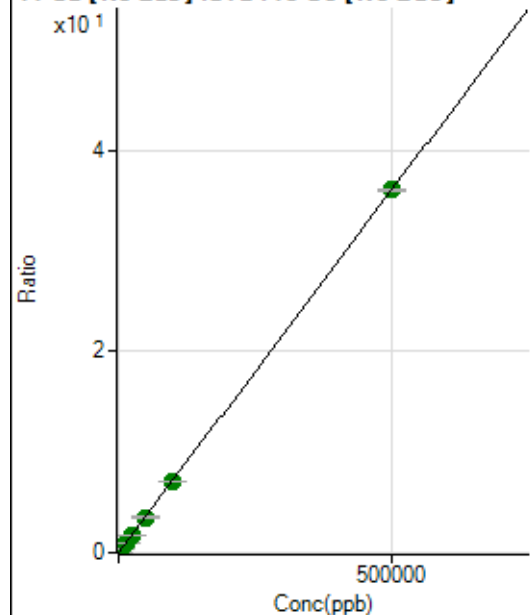
$$y = 4.4509\text{E-}006 * x + 1.7592\text{E-}004$$

$$R = 1.0000$$

$$DL = 3.62$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29547.93	0.0085	P	1.0
2	☐	50.000					
3	☐	500.000	453.239	141786.95	0.0412	P	7.3
4	☐	5000.000	4980.517	1254325.85	0.3674	A	3.1
5	☐	12500.000	12099.660	3039948.08	0.8805	A	1.0
6	☐	25000.000	24793.293	6102614.07	1.7953	A	0.6
7	☐	50000.000	48945.465	12084749.96	3.5359	A	0.5
8	☐	100000.00	98142.546	24002308.53	7.0814	A	1.6
9	☐	500000.00	500497.53	121704420.4	36.0782	A	0.7

$$y = 7.2068\text{E-}005 * x + 0.0085$$

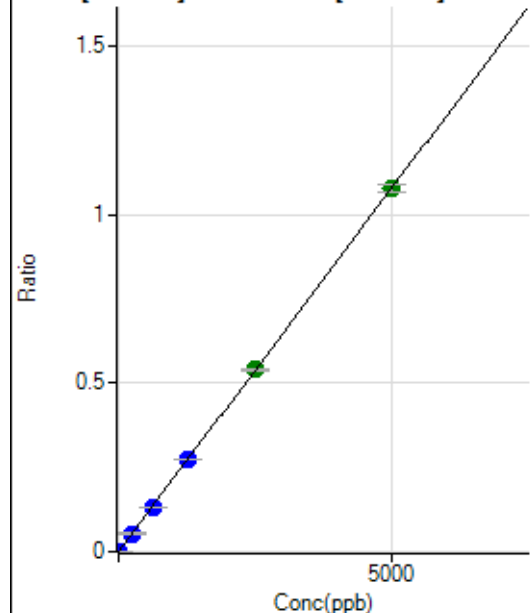
$$R = 1.0000$$

$$DL = 3.492$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	9.8
2	☐	0.500					
3	☐	5.000	4.573	3528.38	0.0010	P	11.5
4	☐	250.000	249.979	183870.24	0.0539	P	3.7
5	☐	625.000	615.999	458098.75	0.1327	P	1.3
6	☐	1250.000	1272.819	931782.89	0.2741	P	1.1
7	☐	2500.000	2501.887	1841397.09	0.5388	A	1.0
8	☐	5000.000	4994.478	3645220.78	1.0755	A	2.1
9	☐			722.28	0.0002	P	13.4

$$y = 2.1533\text{E-}004 * x + 4.1618\text{E-}005$$

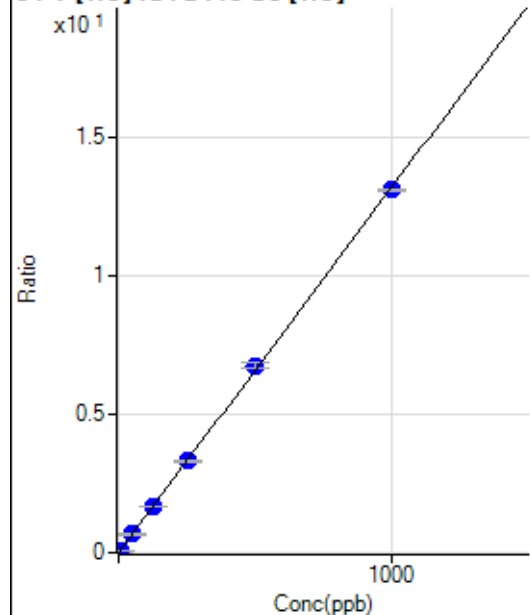
$$R = 1.0000$$

$$DL = 0.05708$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0002	P	90.1
2	☐	0.500					
3	☐	5.000	4.877	3493.83	0.0645	P	2.4
4	☐	50.000	50.156	35860.39	0.6616	P	1.9
5	☐	125.000	125.104	86261.35	1.6500	P	0.8
6	☐	250.000	251.043	175609.49	3.3108	P	1.0
7	☐	500.000	512.300	352503.42	6.7561	P	2.8
8	☐	1000.000	993.569	695888.78	13.1027	P	0.8
9	☐			125.56	0.0023	P	23.7

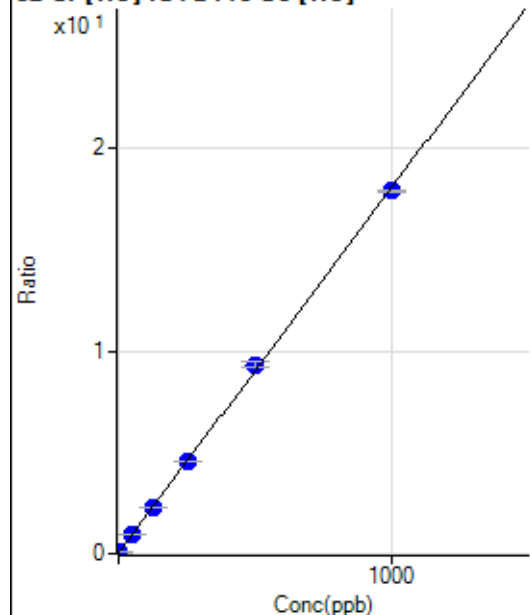
$$y = 0.0132 * x + 1.6731\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.0343$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1482.33	0.0287	P	26.3
2	☐	0.200					
3	☐	2.000	1.767	3283.78	0.0606	P	2.8
4	☐	50.000	50.488	50938.02	0.9397	P	1.2
5	☐	125.000	126.291	120643.42	2.3076	P	0.8
6	☐	250.000	252.522	243216.45	4.5853	P	0.6
7	☐	500.000	514.982	486319.56	9.3213	P	3.0
8	☐	1000.000	991.694	951915.18	17.9233	P	0.6
9	☐			7905.71	0.1471	P	3.4

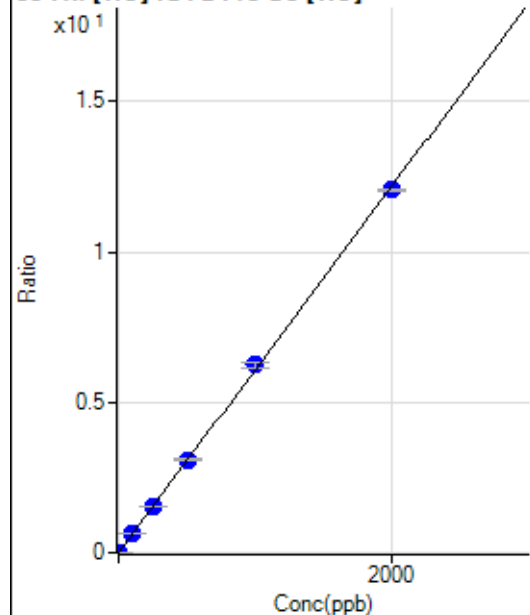
$$y = 0.0180 * x + 0.0287$$

$$R = 0.9998$$

$$DL = 1.258$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0009	P	15.6
2	☐	0.100					
3	☐	1.000	0.999	376.68	0.0070	P	6.5
4	☐	100.000	103.196	34073.95	0.6285	P	1.2
5	☐	250.000	255.484	81283.77	1.5548	P	1.5
6	☐	500.000	509.546	164440.33	3.1001	P	0.6
7	☐	1000.000	1027.651	326174.41	6.2514	P	2.7
8	☐	2000.000	1982.943	640607.97	12.0618	P	0.6
9	☐			2501.38	0.0466	P	7.3

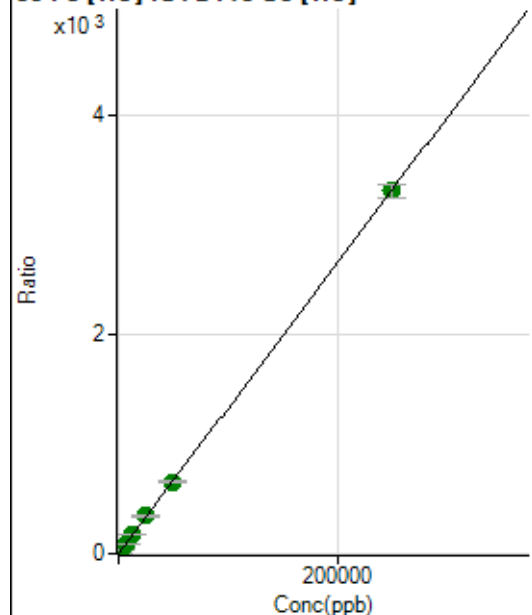
$$y = 0.0061 * x + 8.7393E-004$$

$$R = 0.9998$$

$$DL = 0.06741$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2835.56	0.0545	P	21.8
2	☐	5.000					
3	☐	50.000	49.325	38409.04	0.7089	P	0.5
4	☐	2500.000	2594.081	1868459.18	34.4689	A	0.2
5	☐	6250.000	6430.905	4463352.18	85.3703	A	0.7
6	☐	12500.000	12660.198	8911734.69	168.0113	A	0.6
7	☐	25000.000	25853.832	17899331.19	343.0450	A	2.5
8	☐	50000.000	49678.230	35006597.77	659.1120	A	0.3
9	☐	250000.00	249965.49	178233918.8	3,316.227	A	4.1

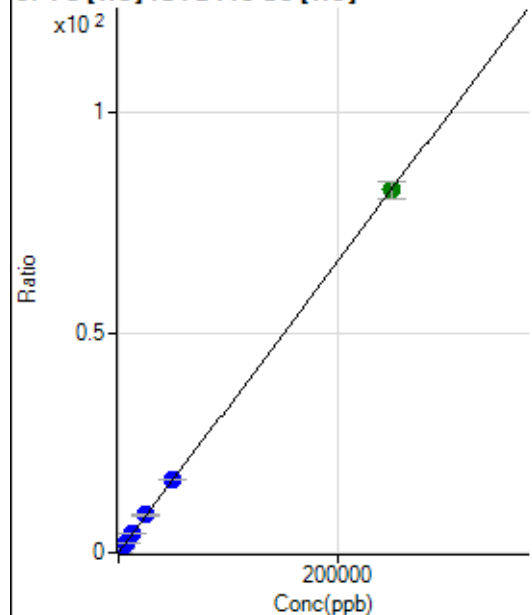
$$y = 0.0133 * x + 0.0545$$

$$R = 1.0000$$

$$DL = 2.689$$

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	116.67	0.0022	P	20.0
2	☐	5.000					
3	☐	50.000	43.140	890.80	0.0164	P	12.5
4	☐	2500.000	2545.348	45641.89	0.8421	P	1.7
5	☐	6250.000	6420.449	110876.79	2.1207	P	0.8
6	☐	12500.000	12720.571	222749.29	4.1994	P	0.8
7	☐	25000.000	25859.770	445310.33	8.5348	P	2.7
8	☐	50000.000	50124.052	878499.76	16.5409	P	0.5
9	☐	250000.00	249873.47	4430859.94	82.4490	A	4.6

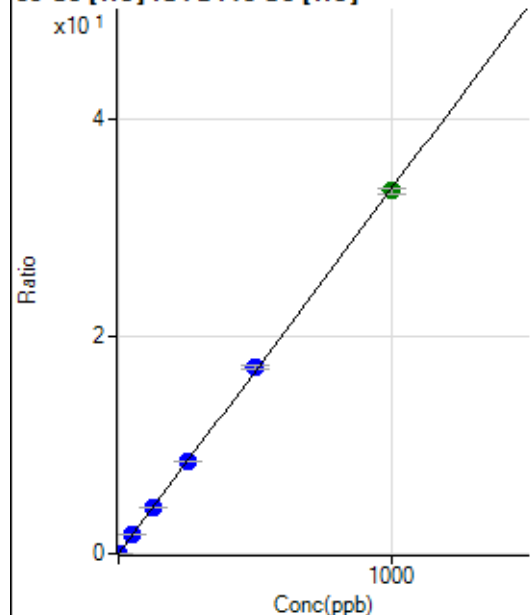
$$y = 3.2995E-004 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 4.028$$

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	101.11	0.0020	P	32.2
2	☐	0.100					
3	☐	1.000	0.940	1814.60	0.0335	P	2.5
4	☐	50.000	50.698	92268.36	1.7023	P	1.3
5	☐	125.000	127.528	223682.49	4.2789	P	1.8
6	☐	250.000	252.524	449326.97	8.4710	P	0.7
7	☐	500.000	509.820	892228.65	17.1000	P	2.6
8	☐	1000.000	994.108	1770736.12	33.3418	A	1.3
9	☐			20613.22	0.3834	P	2.8

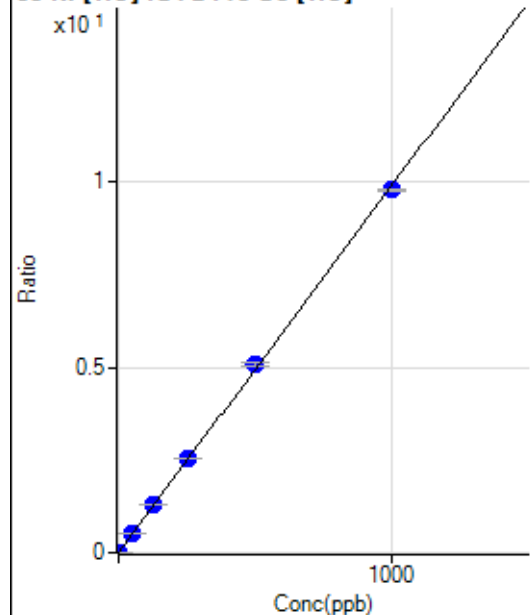
$$y = 0.0335 * x + 0.0020$$

$$R = 0.9999$$

$$DL = 0.05689$$

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	71.11	0.0014	P	21.1
2	☐	0.100					
3	☐	1.000	1.036	628.92	0.0116	P	0.5
4	☐	50.000	52.173	28041.77	0.5173	P	0.5
5	☐	125.000	129.082	66808.35	1.2779	P	0.8
6	☐	250.000	258.695	135768.77	2.5596	P	0.2
7	☐	500.000	515.935	266304.54	5.1035	P	2.1
8	☐	1000.000	989.240	519638.43	9.7840	P	0.5
9	☐			6571.66	0.1223	P	7.7

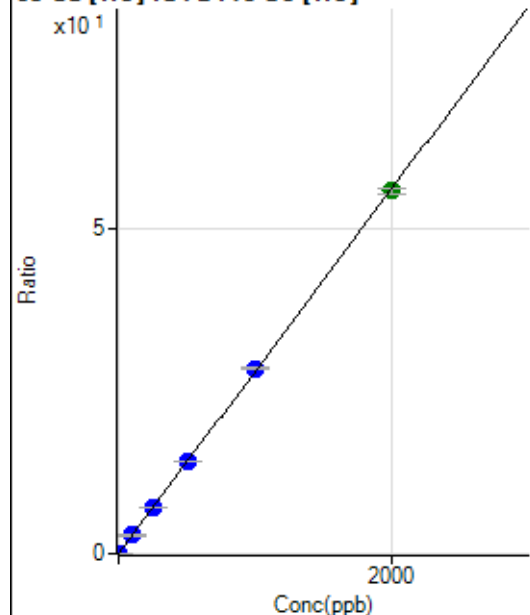
$$y = 0.0099 * x + 0.0014$$

$$R = 0.9998$$

$$DL = 0.08725$$

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	317.79	0.0062	P	32.6
2	☐	0.200					
3	☐	2.000	1.791	3067.06	0.0566	P	2.3
4	☐	100.000	100.448	153511.50	2.8321	P	1.1
5	☐	250.000	253.061	372548.89	7.1255	P	0.8
6	☐	500.000	505.040	753965.73	14.2144	P	0.6
7	☐	1000.000	1017.423	1493918.83	28.6291	P	2.0
8	☐	2000.000	1989.624	2972968.91	55.9798	A	1.6
9	☐			5352.22	0.0996	P	4.4

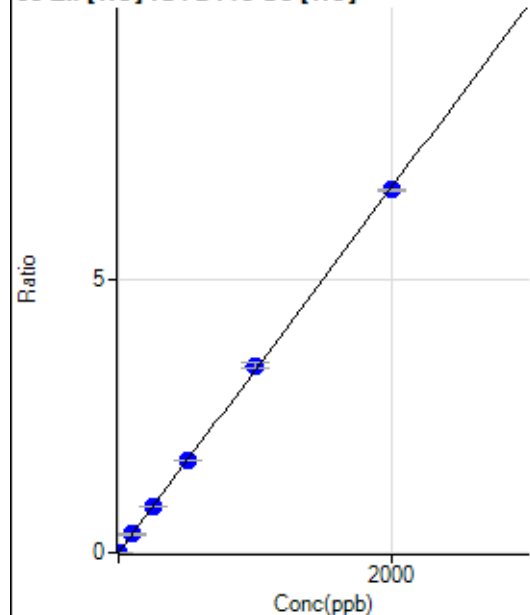
$$y = 0.0281 * x + 0.0062$$

$$R = 0.9999$$

$$DL = 0.2165$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.22	0.0008	P	31.2
2	☐	0.200					
3	☐	2.000	1.988	405.57	0.0075	P	7.9
4	☐	100.000	100.014	18208.84	0.3359	P	0.8
5	☐	250.000	255.042	44717.67	0.8553	P	1.7
6	☐	500.000	504.165	89640.16	1.6900	P	0.7
7	☐	1000.000	1022.696	178813.62	3.4273	P	2.9
8	☐	2000.000	1986.980	353613.45	6.6580	P	0.5
9	☐			2706.99	0.0504	P	4.0

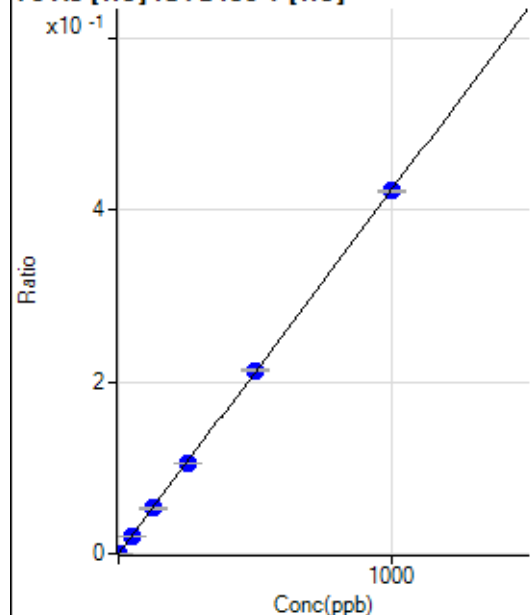
$$y = 0.0034 * x + 8.2277E-004$$

$$R = 0.9999$$

$$DL = 0.2301$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	52.1
2	☐	0.100					
3	☐	1.000	0.852	122.22	0.0004	P	11.6
4	☐	50.000	49.609	6765.92	0.0210	P	1.2
5	☐	125.000	124.738	16478.44	0.0528	P	1.0
6	☐	250.000	248.578	33614.34	0.1052	P	0.5
7	☐	500.000	505.014	67293.56	0.2137	P	1.3
8	☐	1000.000	997.901	132695.81	0.4223	P	0.5
9	☐			199.39	0.0006	P	13.5

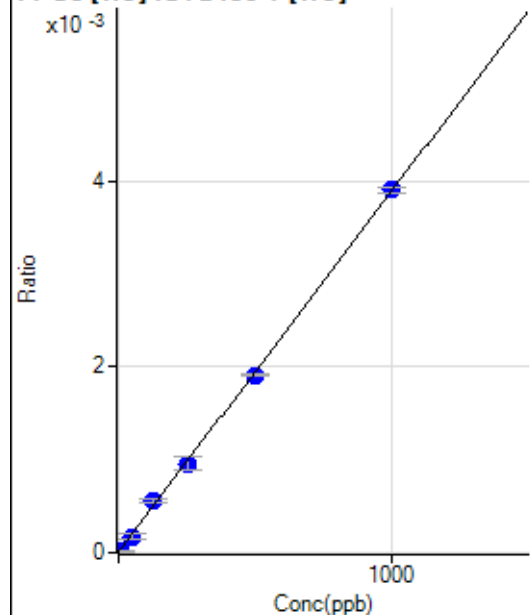
$$y = 4.2320\text{E-}004 * x + 2.2122\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.08176$$

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	3.33	0.0000	P	99.5
2	☐	0.500					
3	☐	5.000	2.128	5.55	0.0000	P	125.
4	☐	50.000	42.970	56.67	0.0002	P	38.4
5	☐	125.000	143.446	176.67	0.0006	P	6.9
6	☐	250.000	245.023	306.67	0.0010	P	13.7
7	☐	500.000	489.574	601.14	0.0019	P	1.1
8	☐	1000.000	1004.517	1227.86	0.0039	P	1.6
9	☐			5.56	0.0000	P	90.0

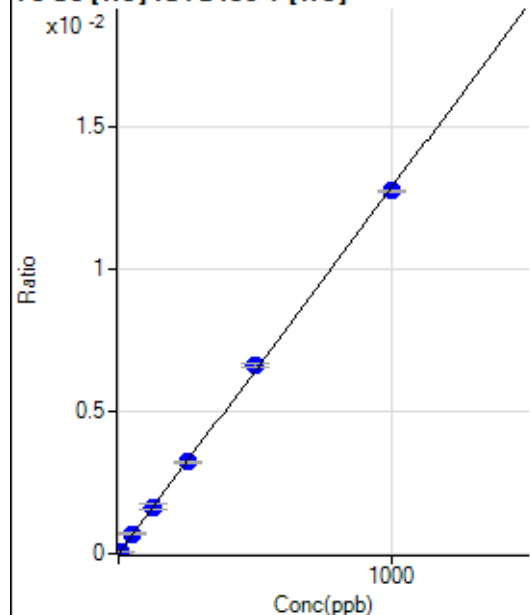
$$y = 3.8807\text{E-}006 * x + 9.1634\text{E-}006$$

$$R = 0.9997$$

$$DL = 7.05$$

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	1.23	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	7.081	30.25	0.0001	P	14.3
4	☐	50.000	53.643	223.46	0.0007	P	10.2
5	☐	125.000	127.706	514.21	0.0016	P	11.0
6	☐	250.000	249.622	1027.83	0.0032	P	1.4
7	☐	500.000	516.658	2095.24	0.0067	P	1.9
8	☐	1000.000	991.235	4011.12	0.0128	P	0.8
9	☐			2.47	0.0000	P	86.8

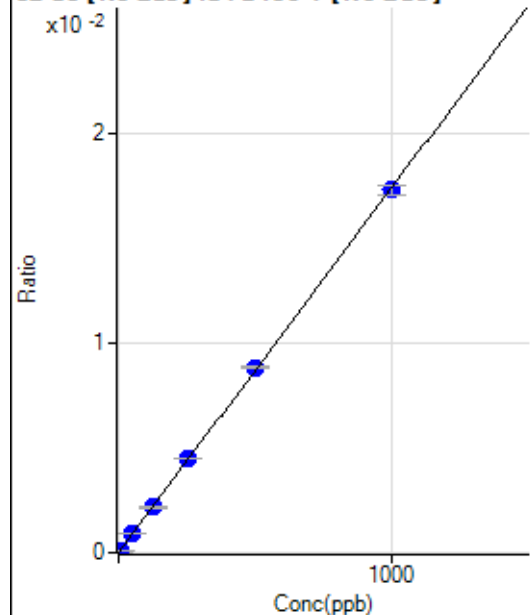
$$y = 1.2875\text{E-}005 * x + 3.3726\text{E-}006$$

$$R = 0.9998$$

$$DL = 1.361$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	29.41	0.0000	P	139.
2	☐	0.500					
3	☐	5.000	4.482	397.75	0.0001	P	13.1
4	☐	50.000	50.787	4219.84	0.0009	P	3.2
5	☐	125.000	123.864	10556.56	0.0022	P	0.7
6	☐	250.000	257.959	21786.35	0.0045	P	0.5
7	☐	500.000	506.424	43932.75	0.0088	P	1.0
8	☐	1000.000	994.904	86628.56	0.0173	P	2.3
9	☐			95.68	0.0000	P	82.2

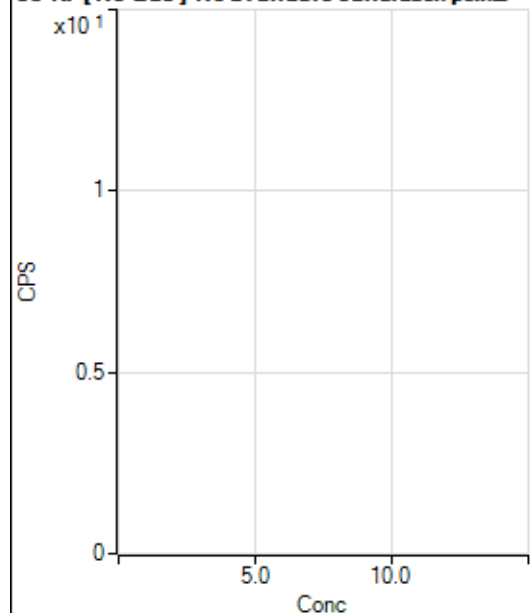
$$y = 1.7366\text{E-}005 * x + 6.1109\text{E-}006$$

$$R = 0.9999$$

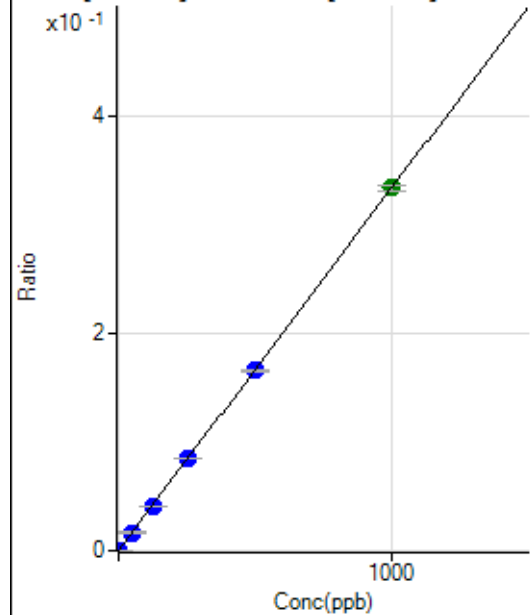
$$DL = 1.467$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			483.35		P	5.2
2	☐						
3	☐			538.91		P	6.5
4	☐			537.80		P	1.6
5	☐			538.91		P	4.0
6	☐			525.58		P	9.8
7	☐			547.80		P	3.1
8	☐			544.47		P	16.2
9	☐			538.91		P	13.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	844.52	0.0002	P	15.9
2	☐	0.100					
3	☐	1.000	0.749	2014.14	0.0004	P	11.3
4	☐	50.000	49.804	79716.34	0.0168	P	5.0
5	☐	125.000	121.435	199015.62	0.0407	P	0.5
6	☐	250.000	253.758	411779.65	0.0848	P	1.2
7	☐	500.000	497.350	828712.02	0.1660	P	1.0
8	☐	1000.000	1000.841	1673762.88	0.3339	A	1.3
9	☐			6651.96	0.0014	P	3.3

$$y = 3.3344\text{E-}004 * x + 1.7502\text{E-}004$$

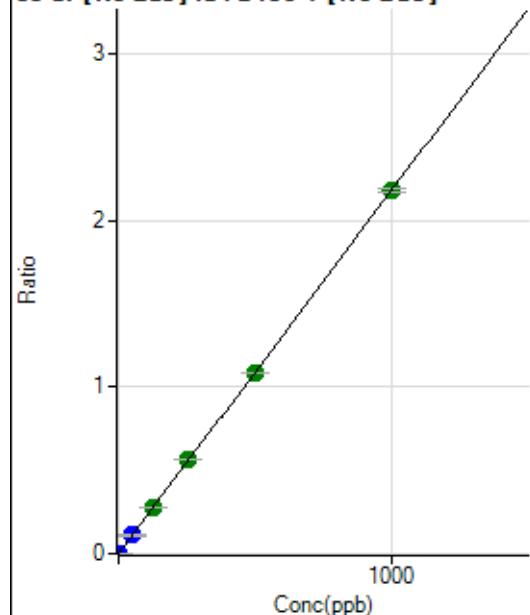
$$R = 1.0000$$

$$DL = 0.2504$$

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	-1622.36	-0.0003	P	-15.
2	☐	0.100					
3	☐	1.000	0.814	6845.95	0.0014	P	5.0
4	☐	50.000	50.387	520783.50	0.1096	P	2.5
5	☐	125.000	126.959	1353853.59	0.2766	A	0.3
6	☐	250.000	260.366	2756989.30	0.5677	A	1.0
7	☐	500.000	496.682	5407673.93	1.0832	A	0.2
8	☐	1000.000	998.803	10921776.98	2.1787	A	1.0
9	☐			37918.27	0.0078	P	3.2

$$y = 0.0022 * x - 3.3621E-004$$

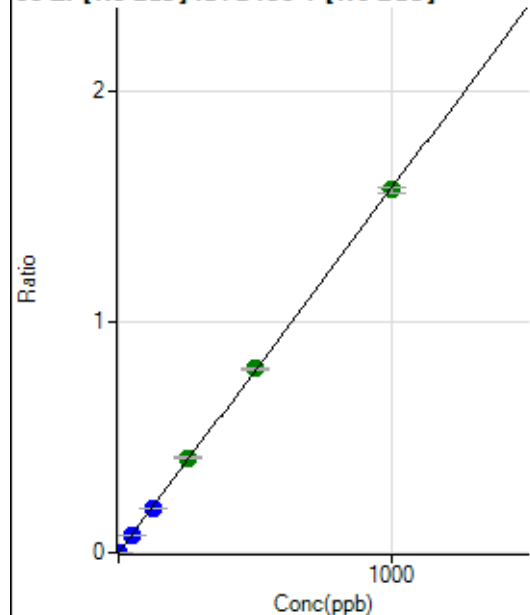
$$R = 0.9999$$

$$DL = 0.07363$$

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	344.47	0.0001	P	17.4
2	☐	0.100					
3	☐	1.000	0.816	6449.06	0.0014	P	7.5
4	☐	50.000	49.042	367911.79	0.0774	P	3.3
5	☐	125.000	122.414	945352.96	0.1932	P	0.4
6	☐	250.000	259.881	1991287.87	0.4100	A	1.3
7	☐	500.000	504.849	3975967.23	0.7964	A	0.5
8	☐	1000.000	995.477	7871350.87	1.5704	A	1.9
9	☐			1925.23	0.0004	P	9.3

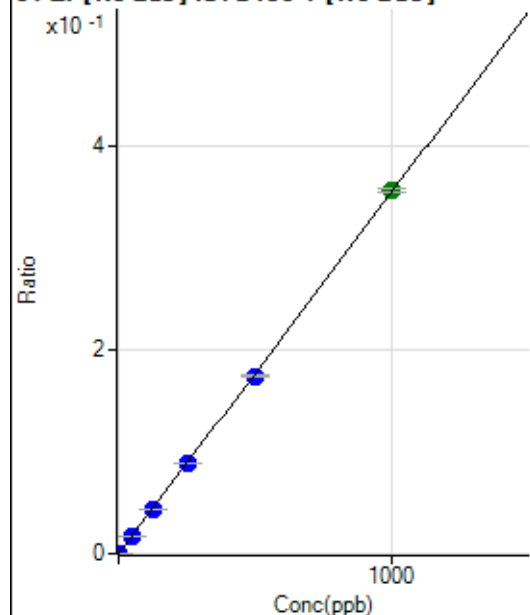
$$y = 0.0016 * x + 7.1287E-005$$

$$R = 0.9999$$

$$DL = 0.02365$$

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	75.00	0.0000	P	76.9
2	☐	0.100					
3	☐	1.000	0.835	1477.93	0.0003	P	8.9
4	☐	50.000	48.282	81407.45	0.0171	P	2.5
5	☐	125.000	121.021	210021.40	0.0429	P	0.8
6	☐	250.000	251.374	432839.66	0.0891	P	0.9
7	☐	500.000	491.550	869899.55	0.1743	P	0.7
8	☐	1000.000	1004.465	1784991.19	0.3561	A	1.1
9	☐			502.81	0.0001	P	17.9

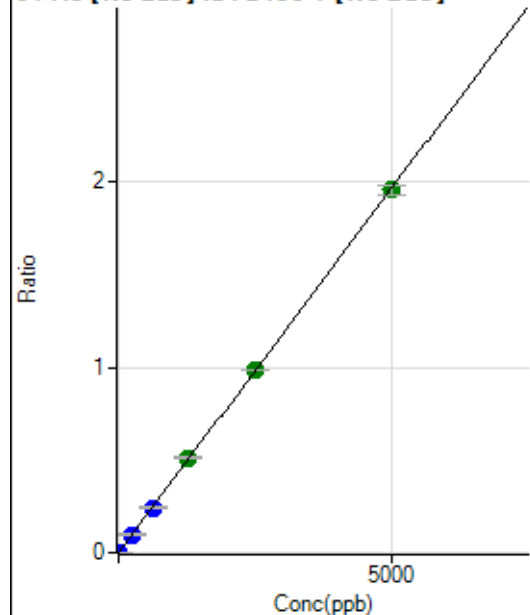
$$y = 3.5448\text{E-}004 * x + 1.5467\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1007$$

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	119.45	0.0000	P	18.1
2	☐	0.500					
3	☐	5.000	4.538	8575.31	0.0018	P	10.2
4	☐	250.000	249.793	466505.20	0.0982	P	2.9
5	☐	625.000	619.250	1190881.25	0.2433	P	1.2
6	☐	1250.000	1305.585	2491531.07	0.5130	A	1.9
7	☐	2500.000	2513.802	4930952.50	0.9878	A	0.4
8	☐	5000.000	4979.932	9807776.78	1.9568	A	2.3
9	☐			4023.01	0.0008	P	0.6

$$y = 3.9293\text{E-}004 * x + 2.4761\text{E-}005$$

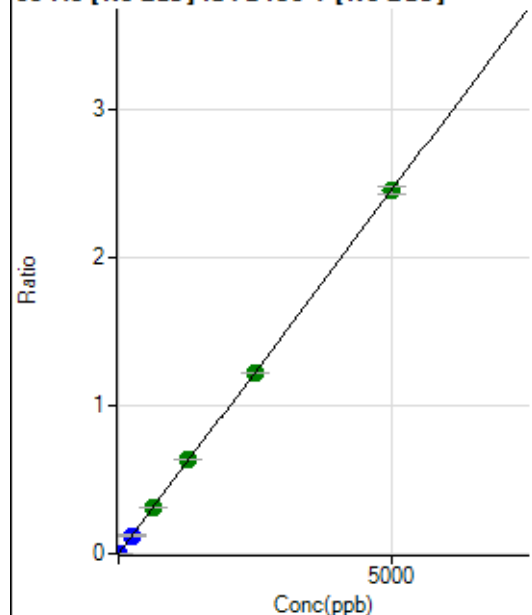
$$R = 0.9999$$

$$DL = 0.03414$$

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	36.11	0.0000	P	35.4
2	☐	0.500					
3	☐	5.000	4.635	10821.49	0.0023	P	6.7
4	☐	250.000	248.871	579262.05	0.1219	P	2.1
5	☐	625.000	625.235	1498529.84	0.3062	A	0.9
6	☐	1250.000	1297.476	3086016.80	0.6354	A	1.1
7	☐	2500.000	2490.100	6087750.57	1.2195	A	0.6
8	☐	5000.000	4993.109	12257265.21	2.4453	A	2.0
9	☐			5559.74	0.0012	P	6.7

$$y = 4.8974\text{E-}004 * x + 7.4795\text{E-}006$$

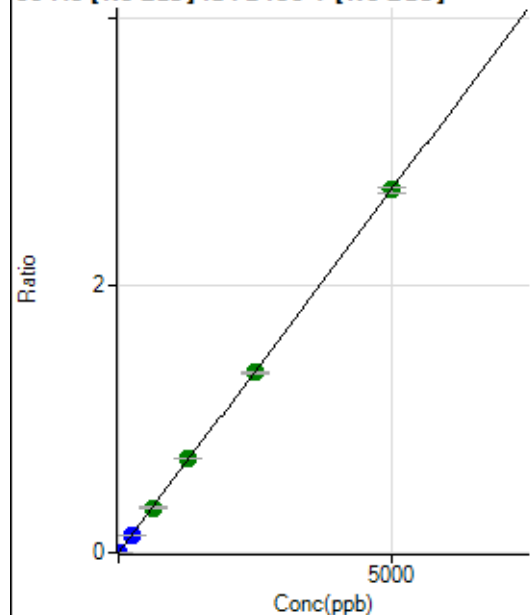
$$R = 0.9999$$

$$DL = 0.0162$$

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	91.67	0.0000	P	18.5
2	☐	0.500					
3	☐	5.000	4.543	11827.83	0.0025	P	6.1
4	☐	250.000	246.303	636056.04	0.1338	P	2.3
5	☐	625.000	621.987	1653901.56	0.3380	A	1.3
6	☐	1250.000	1296.435	3420850.08	0.7044	A	1.6
7	☐	2500.000	2482.820	6733884.00	1.3490	A	1.0
8	☐	5000.000	4997.543	13610751.00	2.7152	A	1.5
9	☐			6843.69	0.0014	P	2.8

$$y = 5.4331\text{E-}004 * x + 1.8994\text{E-}005$$

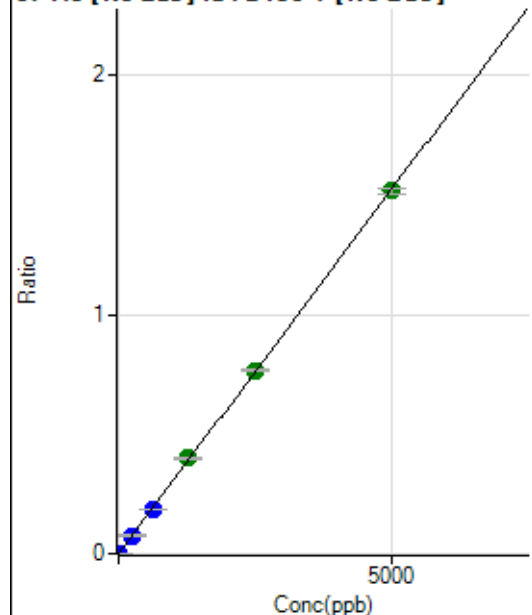
$$R = 0.9999$$

$$DL = 0.0194$$

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	30.56	0.0000	P	15.2
2	☐	0.500					
3	☐	5.000	4.575	6660.27	0.0014	P	6.2
4	☐	250.000	250.433	362897.83	0.0764	P	2.4
5	☐	625.000	617.515	921427.15	0.1883	P	0.9
6	☐	1250.000	1312.275	1943109.59	0.4001	A	2.1
7	☐	2500.000	2510.374	3820815.97	0.7654	A	1.2
8	☐	5000.000	4980.158	7611137.84	1.5184	A	1.8
9	☐			3392.25	0.0007	P	5.2

$$y = 3.0490\text{E-}004 * x + 6.3258\text{E-}006$$

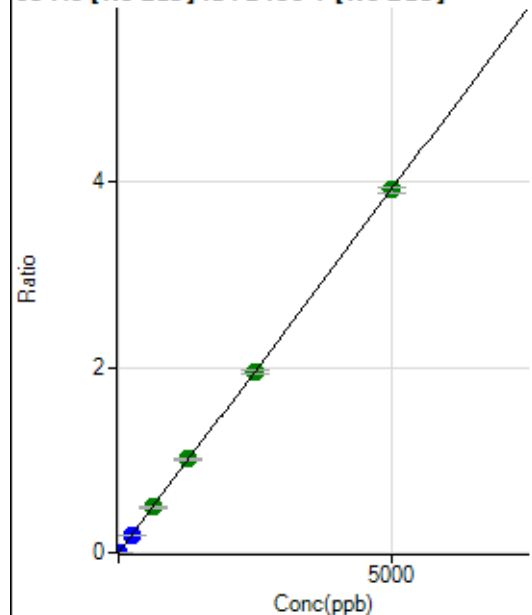
$$R = 0.9999$$

$$DL = 0.009479$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	72.4
2	☐	0.500					
3	☐	5.000	4.641	17350.77	0.0037	P	7.1
4	☐	250.000	247.767	922384.37	0.1941	P	2.3
5	☐	625.000	622.372	2385835.21	0.4875	A	0.9
6	☐	1250.000	1290.379	4908837.44	1.0108	A	1.2
7	☐	2500.000	2494.743	9754435.90	1.9541	A	1.8
8	☐	5000.000	4992.974	19604862.59	3.9110	A	1.4
9	☐			8942.24	0.0019	P	1.2

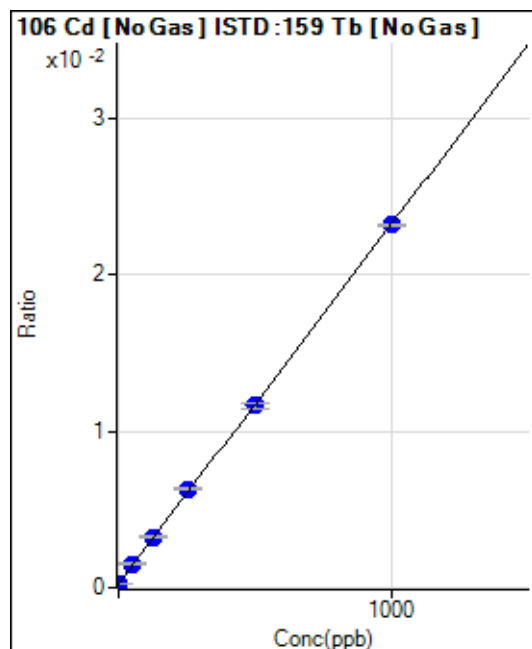
$$y = 7.8330\text{E-}004 * x + 1.7764\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.04926$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1277.89	0.0003	P	10.9
2	☐	0.100					
3	☐	1.000	0.840	1372.36	0.0003	P	4.4
4	☐	50.000	55.113	7646.95	0.0015	P	4.2
5	☐	125.000	129.605	17072.67	0.0032	P	2.8
6	☐	250.000	263.846	33715.40	0.0063	P	1.8
7	☐	500.000	495.797	64940.71	0.0117	P	3.5
8	☐	1000.000	997.809	129770.00	0.0232	P	0.6
9	☐			1266.79	0.0002	P	9.5

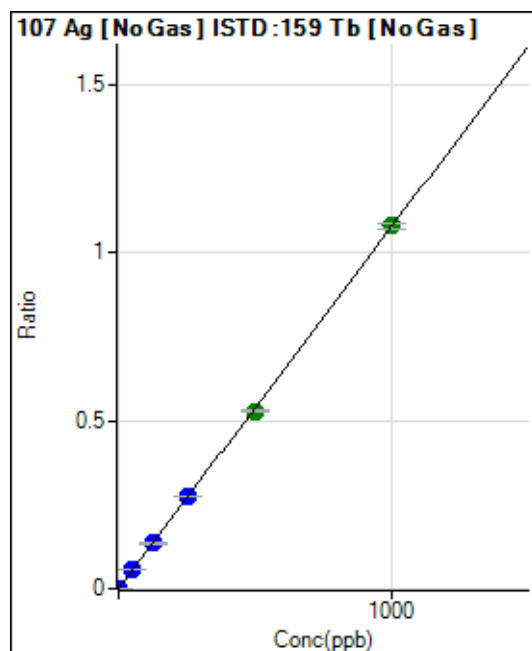
$$y = 2.2995\text{E-}005 * x + 2.5324\text{E-}004$$

$$R = 0.9999$$

$$DL = 3.613$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	34.9
2	☐	0.100					
3	☐	1.000	1.001	5579.20	0.0011	P	9.3
4	☐	50.000	51.829	281087.47	0.0559	P	3.8
5	☐	125.000	124.951	711163.95	0.1347	P	1.3
6	☐	250.000	254.891	1465426.78	0.2747	P	1.6
7	☐	500.000	491.189	2950488.59	0.5293	A	1.6
8	☐	1000.000	1003.097	6046667.97	1.0810	A	1.3
9	☐			1116.76	0.0002	P	9.3

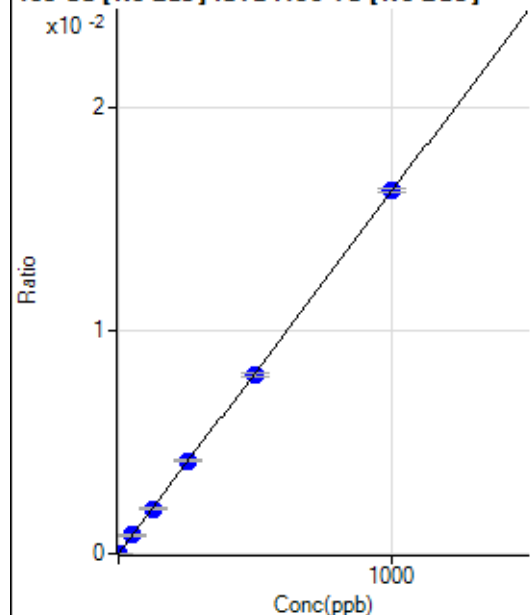
$$y = 0.0011 * x + 3.5836\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03481$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	114.
2	☐	0.100					
3	☐	1.000	1.167	100.00	0.0000	P	21.1
4	☐	50.000	51.278	4193.81	0.0008	P	7.1
5	☐	125.000	123.597	10614.09	0.0020	P	2.0
6	☐	250.000	256.270	22227.05	0.0042	P	1.6
7	☐	500.000	493.807	44742.40	0.0080	P	2.1
8	☐	1000.000	1001.640	91081.73	0.0163	P	1.0
9	☐			23.61	0.0000	P	20.1

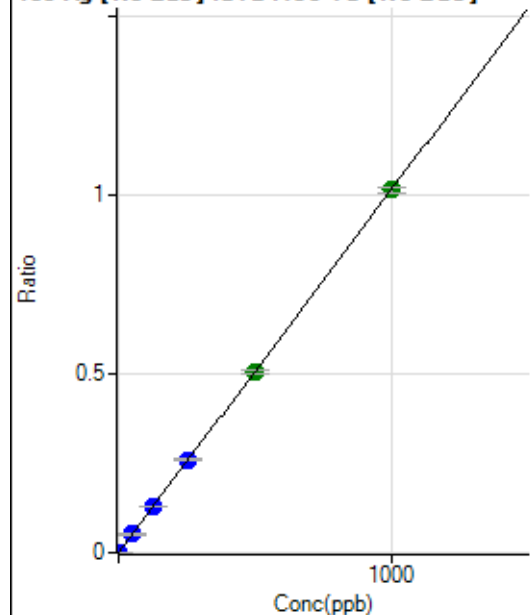
$$y = 1.6255E-005 * x + 1.1038E-006$$

$$R = 0.9999$$

$$DL = 0.2325$$

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	175.01	0.0000	P	16.9
2	☐	0.100					
3	☐	1.000	0.995	5234.55	0.0010	P	5.4
4	☐	50.000	51.508	262846.05	0.0523	P	5.0
5	☐	125.000	125.607	672875.86	0.1274	P	1.0
6	☐	250.000	256.418	1387636.92	0.2601	P	1.0
7	☐	500.000	497.978	2815119.38	0.5051	A	2.4
8	☐	1000.000	999.255	5669460.59	1.0135	A	1.3
9	☐			1119.54	0.0002	P	3.9

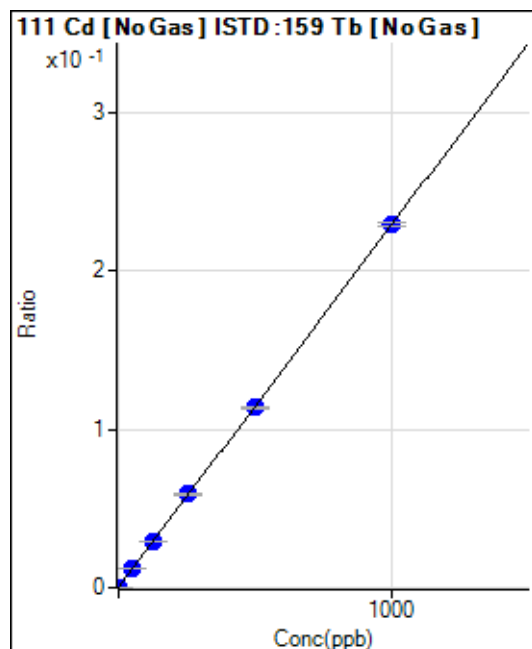
$$y = 0.0010 * x + 3.4684E-005$$

$$R = 1.0000$$

$$DL = 0.01735$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	898.97	0.0002	P	10.6
2	☐	0.100					
3	☐	1.000	0.939	1972.66	0.0004	P	2.8
4	☐	50.000	51.627	60299.76	0.0120	P	3.9
5	☐	125.000	126.975	154325.92	0.0292	P	1.7
6	☐	250.000	257.770	315553.81	0.0592	P	1.0
7	☐	500.000	495.363	632713.76	0.1135	P	1.2
8	☐	1000.000	1000.048	1280829.15	0.2290	P	0.9
9	☐			953.56	0.0002	P	8.5

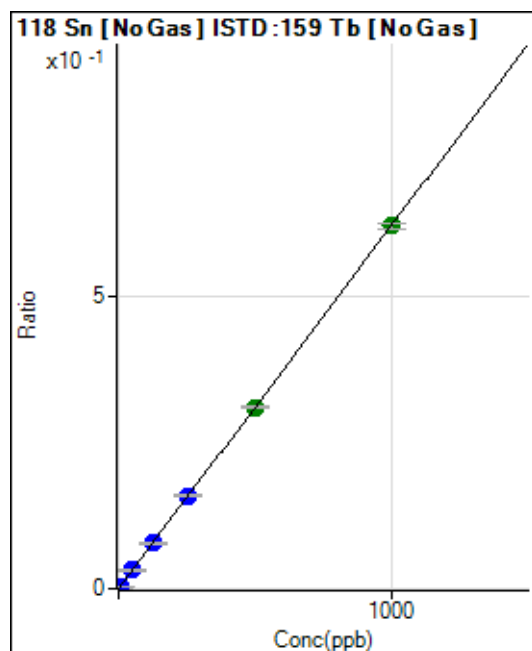
$$y = 2.2878\text{E-}004 * x + 1.7814\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2469$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.23	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.977	15701.54	0.0031	P	10.1
4	☐	50.000	50.799	159227.03	0.0317	P	5.2
5	☐	125.000	124.924	410948.45	0.0778	P	1.3
6	☐	250.000	255.298	848195.78	0.1590	P	2.0
7	☐	500.000	499.399	1733539.97	0.3110	A	1.6
8	☐	1000.000	998.946	3479398.82	0.6221	A	1.9
9	☐			1939.12	0.0004	P	11.1

$$y = 6.2269\text{E-}004 * x + 3.9066\text{E-}005$$

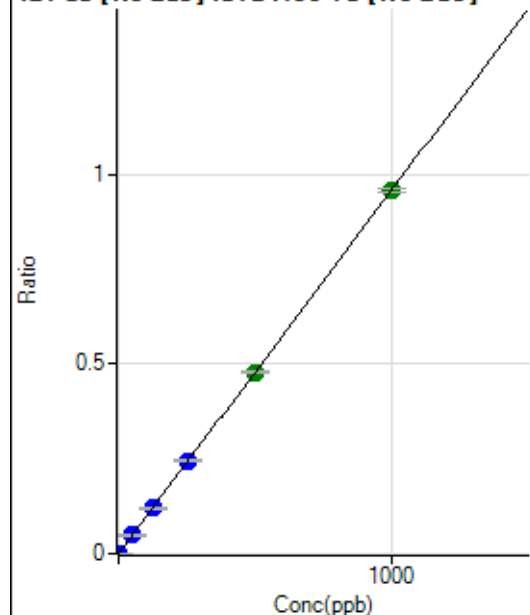
$$R = 1.0000$$

$$DL = 0.02617$$

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	94.45	0.0000	P	29.4
2	☐	0.200					
3	☐	2.000	1.804	8753.31	0.0017	P	4.9
4	☐	50.000	50.716	244274.45	0.0486	P	3.5
5	☐	125.000	125.283	633298.16	0.1199	P	1.5
6	☐	250.000	256.196	1308309.07	0.2452	P	0.7
7	☐	500.000	499.629	2665969.44	0.4783	A	0.9
8	☐	1000.000	998.566	5346678.37	0.9558	A	1.0
9	☐			6521.37	0.0012	P	3.1

$$y = 9.5718\text{E-}004 * x + 1.8758\text{E-}005$$

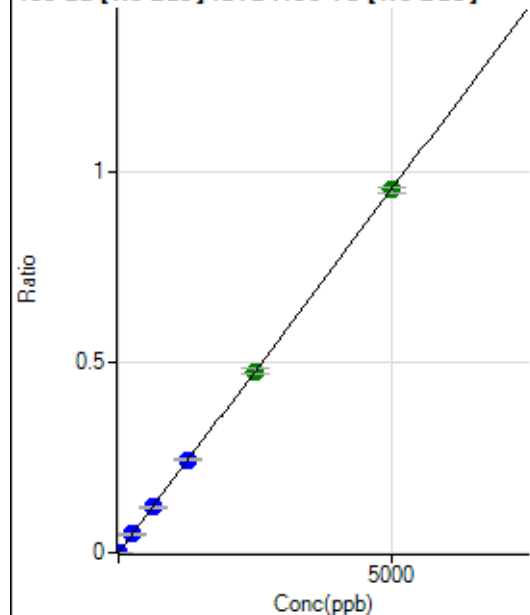
$$R = 1.0000$$

$$DL = 0.01726$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	49.8
2	☐	1.000					
3	☐	10.000	9.659	9259.25	0.0019	P	10.3
4	☐	250.000	254.141	244113.10	0.0485	P	3.6
5	☐	625.000	626.421	631597.41	0.1196	P	1.5
6	☐	1250.000	1280.798	1304599.33	0.2446	P	1.6
7	☐	2500.000	2498.855	2658965.06	0.4771	A	3.1
8	☐	5000.000	4992.489	5332057.37	0.9533	A	1.7
9	☐			536.15	0.0001	P	14.0

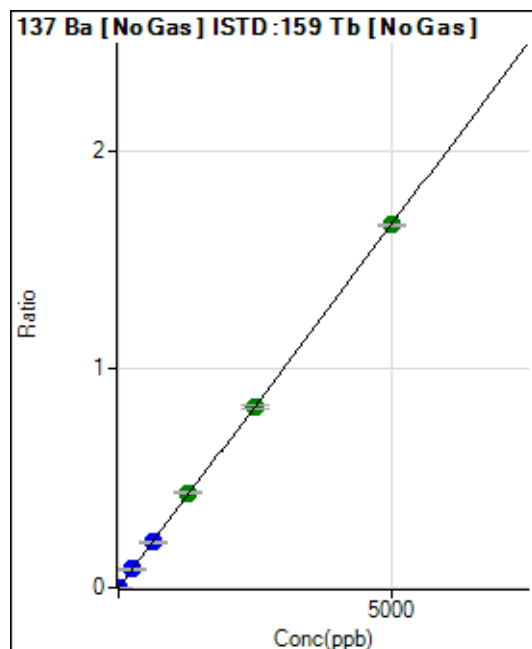
$$y = 1.9094\text{E-}004 * x + 6.5967\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0516$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	77.2
2	☐	1.000					
3	☐	10.000	9.474	15840.66	0.0032	P	6.3
4	☐	250.000	253.621	424345.93	0.0844	P	4.7
5	☐	625.000	625.168	1098346.43	0.2080	P	1.4
6	☐	1250.000	1303.567	2313693.78	0.4337	A	1.7
7	☐	2500.000	2486.914	4611801.84	0.8274	A	2.2
8	☐	5000.000	4992.950	9292777.38	1.6612	A	0.9
9	☐			1075.09	0.0002	P	12.5

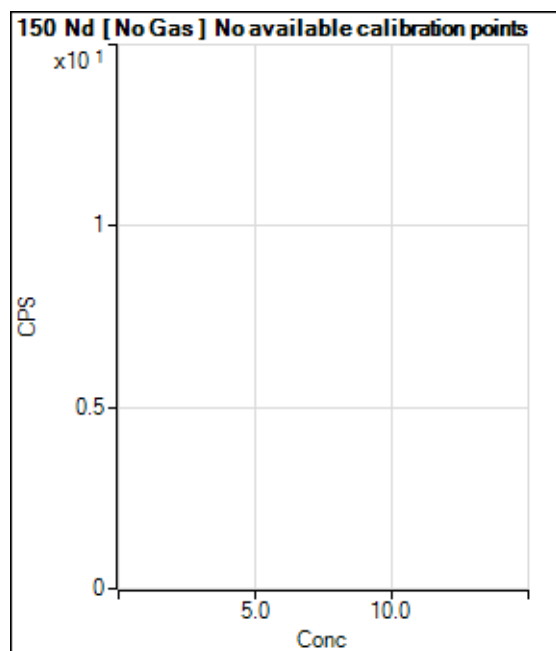
$$y = 3.3271\text{E-}004 * x + 8.7822\text{E-}006$$

$$R = 0.9999$$

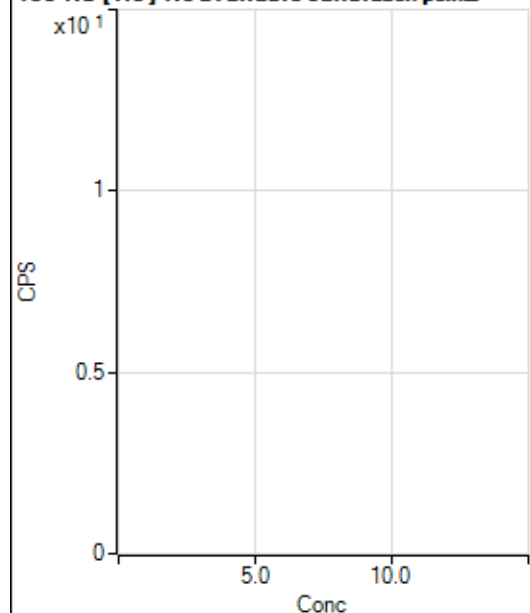
$$DL = 0.06117$$

Weight: <None>

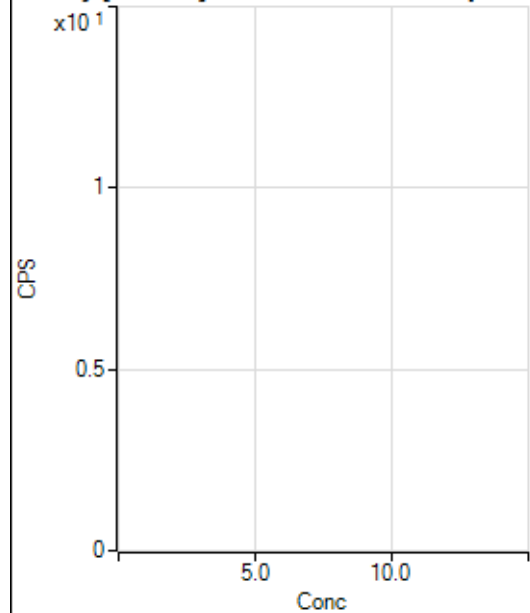
Min Conc: 0



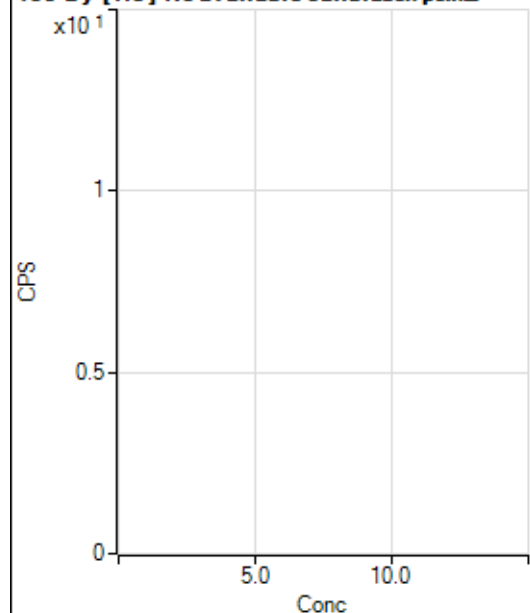
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐						
3	☐			28.89		P	48.0
4	☐			31.11		P	86.6
5	☐			22.22		P	75.5
6	☐			51.11		P	27.2
7	☐			124.45		P	17.2
8	☐			255.57		P	17.0
9	☐			75.56		P	36.7

150 Nd [He] No available calibration points

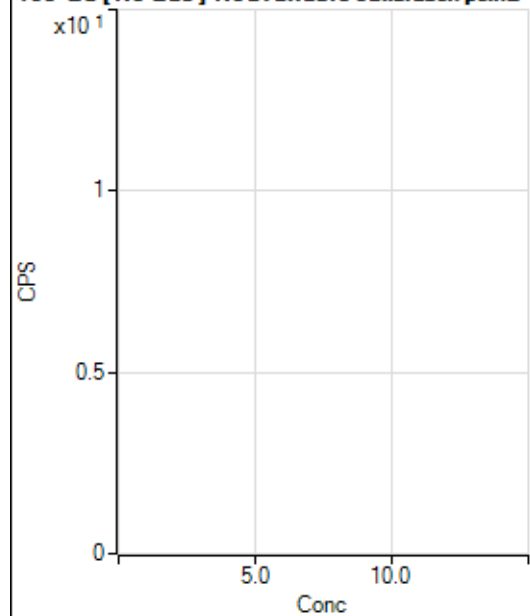
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			5.55		P	124.
8	☐			8.89		P	57.3
9	☐			20.00		P	28.9

156 Dy [No Gas] No available calibration points

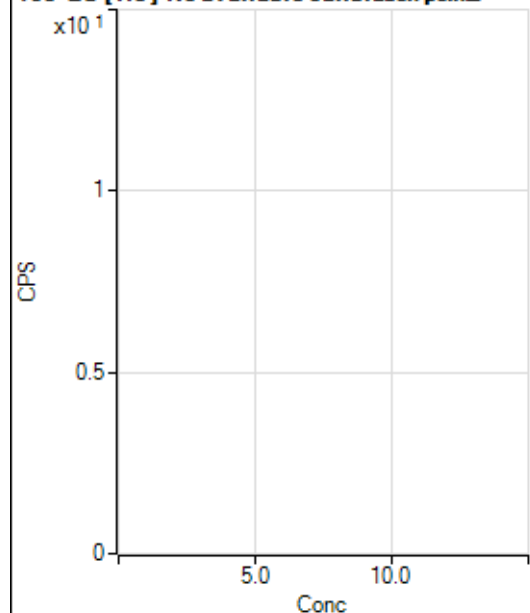
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			16.67		P	86.6
4	☐			19.44		P	49.5
5	☐			19.45		P	24.7
6	☐			22.22		P	57.3
7	☐			44.45		P	39.0
8	☐			44.45		P	39.0
9	☐			50.00		P	33.3

156 Dy [He] No available calibration points

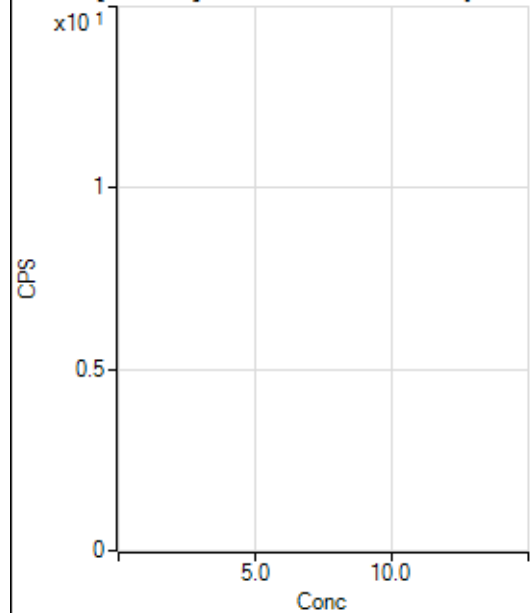
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			4.44		P	43.4
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			5.56		P	91.6
7	☐			5.55		P	69.3
8	☐			4.44		P	43.4
9	☐			10.00		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

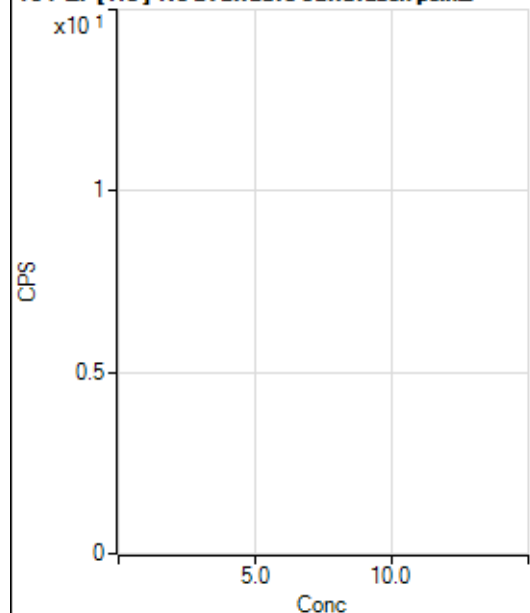
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	31.2
2	☐						
3	☐			63.89		P	65.7
4	☐			63.89		P	37.7
5	☐			30.55		P	15.7
6	☐			58.34		P	37.8
7	☐			47.22		P	27.0
8	☐			50.00		P	0.0
9	☐			102.78		P	9.4

160 Gd [He] No available calibration points

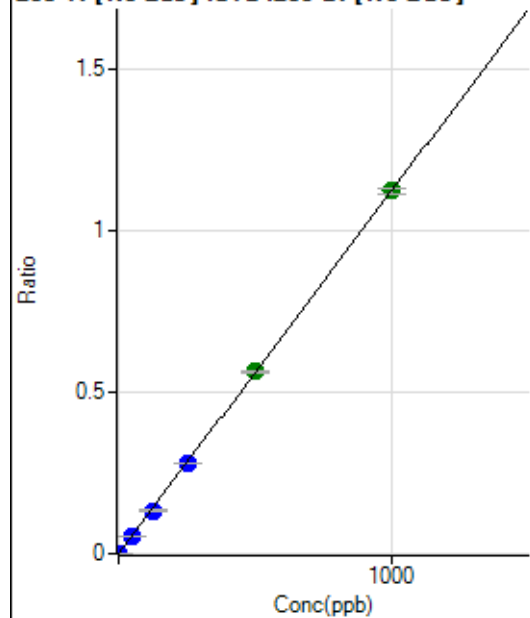
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐						
3	☐			3.33		P	100.
4	☐			5.55		P	69.3
5	☐			12.22		P	68.7
6	☐			12.22		P	15.7
7	☐			14.44		P	35.3
8	☐			11.11		P	62.5
9	☐			26.67		P	37.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			38.89		P	44.6
4	☐			25.00		P	33.3
5	☐			38.89		P	32.7
6	☐			36.11		P	26.7
7	☐			44.44		P	21.7
8	☐			36.11		P	13.3
9	☐			47.23		P	40.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			5.56		P	34.7
4	☐			3.33		P	100.
5	☐			5.56		P	34.7
6	☐			1.11		P	173.
7	☐			11.11		P	69.3
8	☐			5.55		P	69.3
9	☐			8.89		P	21.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.56	0.0000	P	69.2
2	☐	0.100					
3	☐	1.000	0.886	2914.39	0.0010	P	4.6
4	☐	50.000	48.600	159790.25	0.0546	P	3.4
5	☐	125.000	119.069	418016.04	0.1337	P	0.5
6	☐	250.000	248.822	881400.95	0.2793	P	0.2
7	☐	500.000	501.790	1822385.95	0.5633	A	1.4
8	☐	1000.000	1000.211	3686055.90	1.1228	A	1.2
9	☐			286.13	0.0001	P	12.1

$$y = 0.0011 * x + 1.0357E-005$$

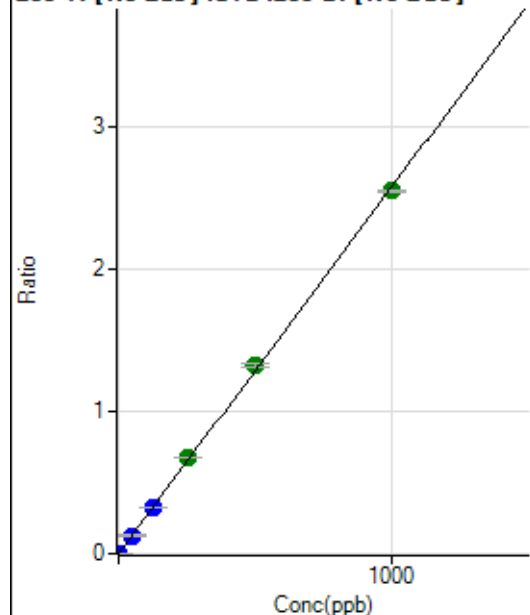
$$R = 1.0000$$

$$DL = 0.01915$$

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	47.23	0.0000	P	40.9
2	☐	0.100					
3	☐	1.000	0.926	6946.67	0.0024	P	10.0
4	☐	50.000	49.728	375421.19	0.1282	P	3.5
5	☐	125.000	124.175	1001046.43	0.3201	P	0.0
6	☐	250.000	261.681	2128591.02	0.6746	A	0.2
7	☐	500.000	513.703	4284205.70	1.3243	A	1.3
8	☐	1000.000	990.345	8381221.89	2.5530	A	0.5
9	☐			575.04	0.0002	P	22.8

$$y = 0.0026 * x + 1.5977E-005$$

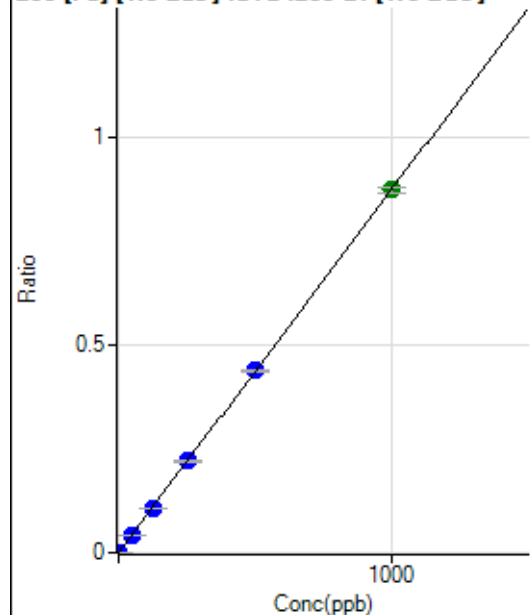
$$R = 0.9998$$

$$DL = 0.007605$$

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	301.87	0.0001	P	12.0
2	☐	0.100					
3	☐	1.000	0.851	2452.18	0.0008	P	6.9
4	☐	50.000	48.656	125033.11	0.0427	P	3.7
5	☐	125.000	120.981	331543.15	0.1060	P	0.9
6	☐	250.000	251.914	696242.51	0.2207	P	1.1
7	☐	500.000	501.131	1419739.44	0.4388	P	0.7
8	☐	1000.000	999.526	2873007.07	0.8752	A	1.3
9	☐			5601.42	0.0019	P	4.5

$$y = 8.7550E-004 * x + 1.0203E-004$$

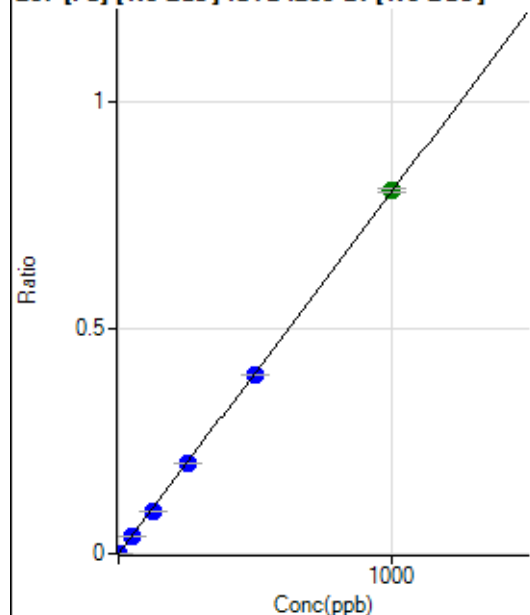
$$R = 1.0000$$

$$DL = 0.0419$$

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	266.68	0.0001	P	12.2
2	☐	0.100					
3	☐	1.000	0.802	2120.61	0.0007	P	8.0
4	☐	50.000	47.959	112794.53	0.0385	P	4.5
5	☐	125.000	119.071	298703.36	0.0955	P	0.7
6	☐	250.000	248.995	629968.65	0.1996	P	1.1
7	☐	500.000	495.524	1285128.52	0.3972	P	0.2
8	☐	1000.000	1003.333	2640056.89	0.8042	A	1.1
9	☐			4725.10	0.0016	P	4.4

$$y = 8.0145\text{E-}004 * x + 9.0152\text{E-}005$$

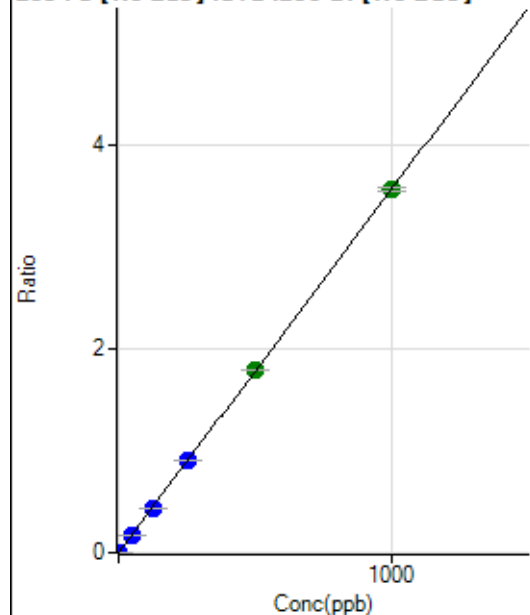
$$R = 1.0000$$

$$DL = 0.04119$$

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	1185.25	0.0004	P	11.0
2	☐	0.100					
3	☐	1.000	0.849	9935.21	0.0034	P	6.9
4	☐	50.000	48.652	509427.51	0.1740	P	3.9
5	☐	125.000	120.522	1345948.21	0.4304	P	0.6
6	☐	250.000	253.029	2849928.54	0.9032	P	1.0
7	☐	500.000	502.614	5802942.36	1.7937	A	0.7
8	☐	1000.000	998.563	11697078.56	3.5632	A	1.2
9	☐			22089.72	0.0073	P	1.0

$$y = 0.0036 * x + 4.0070\text{E-}004$$

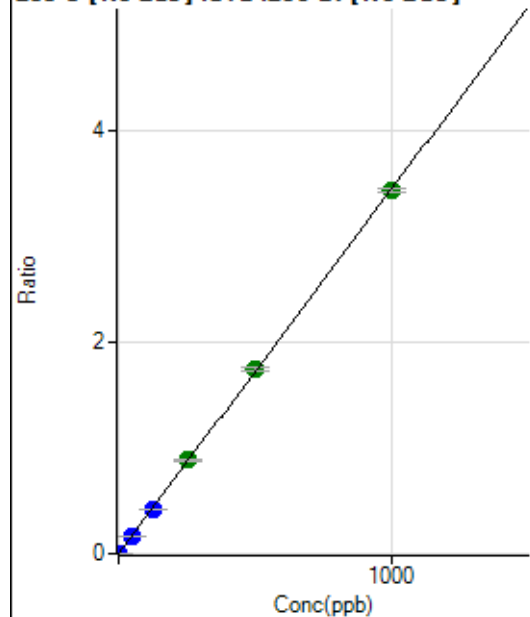
$$R = 1.0000$$

$$DL = 0.03702$$

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	38.89	0.0000	P	32.5
2	☐	0.100					
3	☐	1.000	0.869	8678.41	0.0030	P	11.1
4	☐	50.000	47.791	481751.11	0.1645	P	3.2
5	☐	125.000	119.834	1289869.18	0.4125	P	1.3
6	☐	250.000	255.866	2778903.25	0.8807	A	0.8
7	☐	500.000	508.078	5657703.38	1.7488	A	1.9
8	☐	1000.000	995.251	11245569.78	3.4256	A	1.1
9	☐			300.02	0.0001	P	17.1

$$y = 0.0034 * x + 1.3147E-005$$

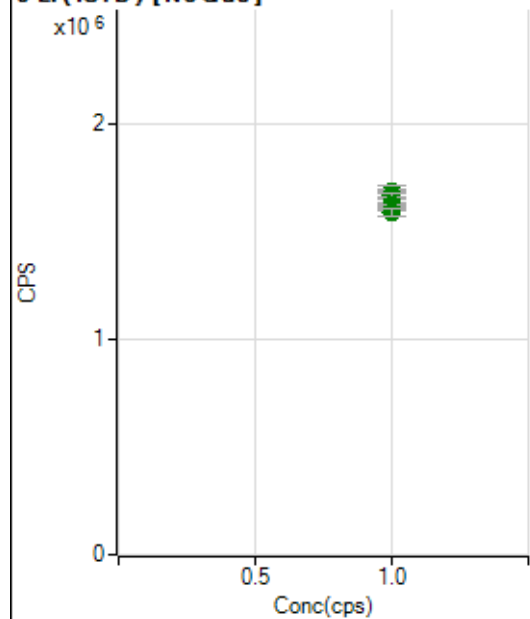
$$R = 0.9999$$

$$DL = 0.003727$$

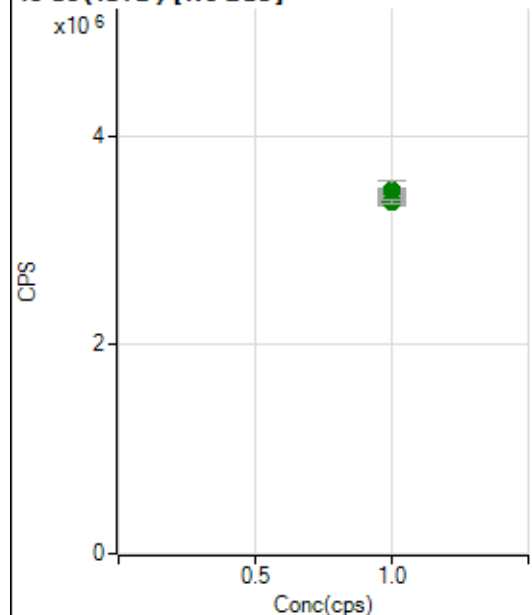
Weight: <None>

Min Conc: 0

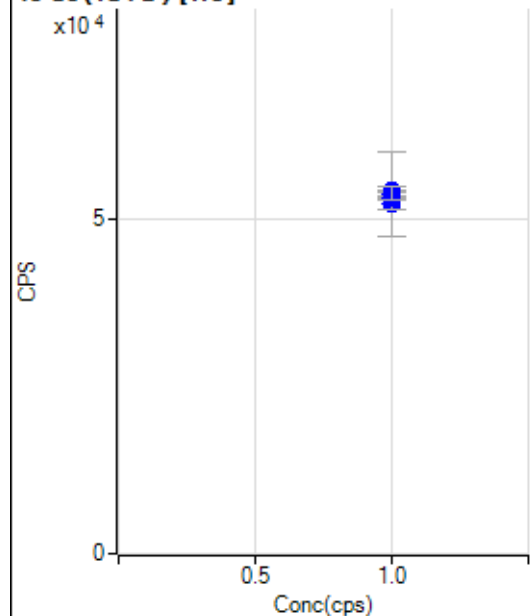
6 Li (ISTD) [No Gas]



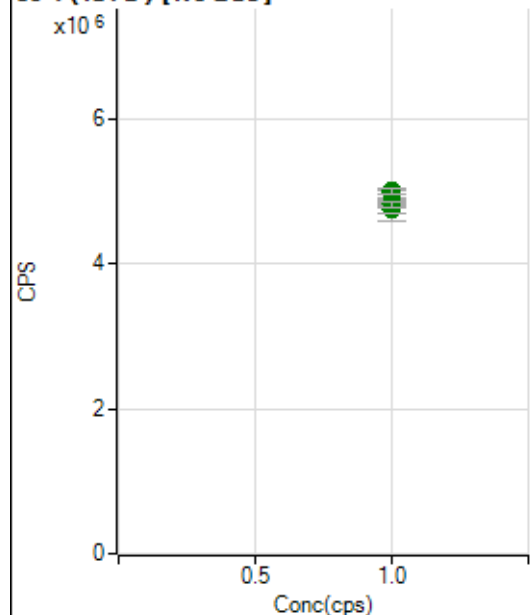
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1687216.50		A	1.0
2	☐	1.000					
3	☐	1.000		1665443.56		A	5.8
4	☐	1.000		1671292.41		A	1.8
5	☐	1.000		1670350.94		A	1.2
6	☐	1.000		1624708.54		A	1.9
7	☐	1.000		1624266.42		A	0.8
8	☐	1.000		1614024.92		A	1.3
9	☐	1.000		1589162.47		A	2.4

45 Sc (ISTD) [No Gas]

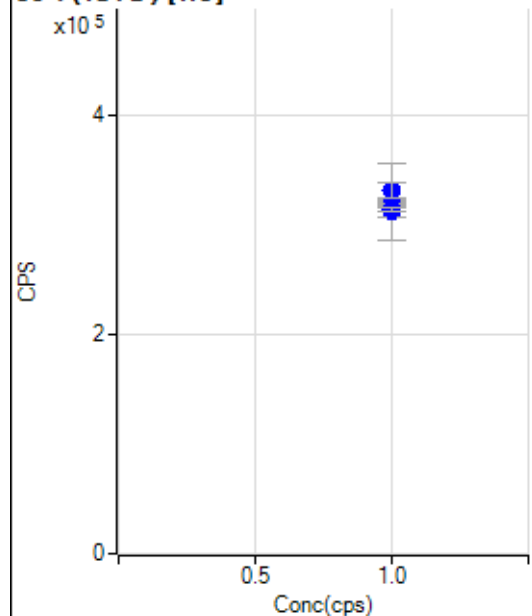
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3473550.34		A	1.8
2	☐	1.000					
3	☐	1.000		3455454.37		A	6.9
4	☐	1.000		3416228.72		A	3.6
5	☐	1.000		3452743.00		A	1.0
6	☐	1.000		3399243.26		A	0.4
7	☐	1.000		3417730.85		A	0.1
8	☐	1.000		3390079.05		A	1.7
9	☐	1.000		3373380.98		A	0.8

45 Sc (ISTD) [He]

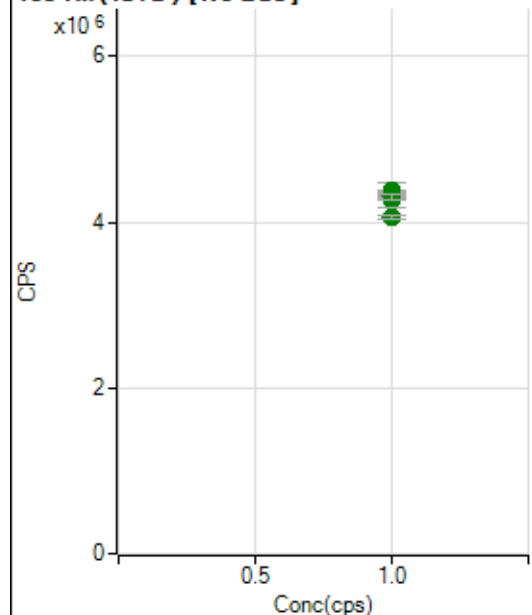
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		53811.06		P	23.3
2	☐	1.000					
3	☐	1.000		54182.88		P	0.6
4	☐	1.000		54207.51		P	0.9
5	☐	1.000		52288.11		P	2.8
6	☐	1.000		53043.22		P	0.5
7	☐	1.000		52200.07		P	2.6
8	☐	1.000		53112.24		P	0.8
9	☐	1.000		53802.78		P	3.9

89 Y (ISTD) [No Gas]

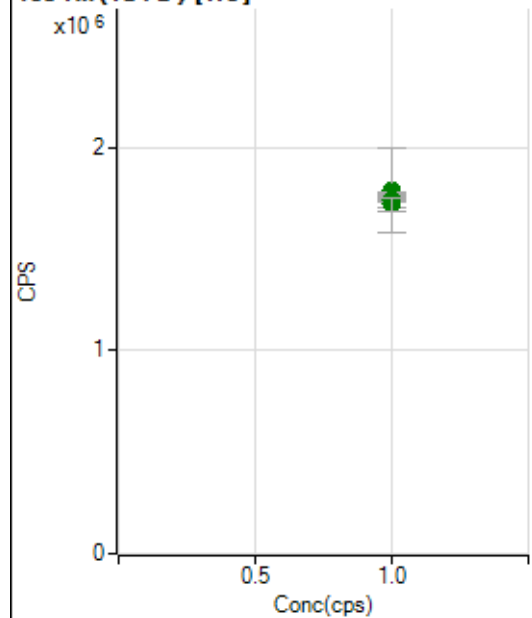
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4827651.38		A	0.9
2	☐	1.000					
3	☐	1.000		4764954.27		A	6.7
4	☐	1.000		4754027.99		A	2.4
5	☐	1.000		4893896.35		A	0.3
6	☐	1.000		4856739.24		A	0.6
7	☐	1.000		4992129.65		A	0.8
8	☐	1.000		5013554.93		A	1.7
9	☐	1.000		4833035.34		A	1.8

89 Y (ISTD) [He]

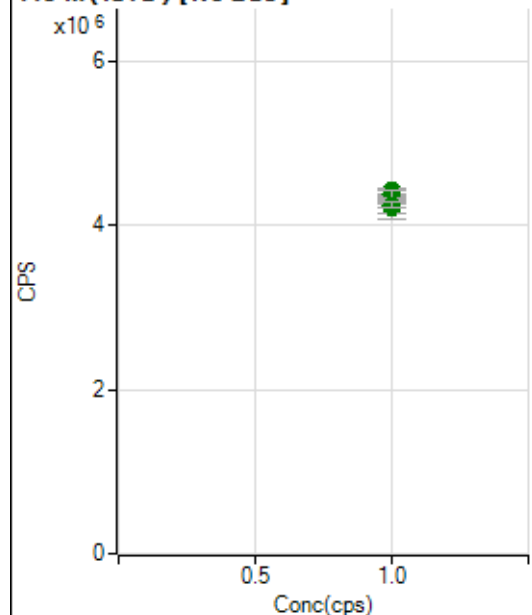
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		321557.87		P	22.3
2	☐	1.000					
3	☐	1.000		319645.32		P	1.1
4	☐	1.000		321939.17		P	0.2
5	☐	1.000		312085.81		P	3.0
6	☐	1.000		319471.20		P	0.2
7	☐	1.000		314859.92		P	1.3
8	☐	1.000		314207.03		P	0.8
9	☐	1.000		331352.69		P	4.1

103 Rh (ISTD) [No Gas]

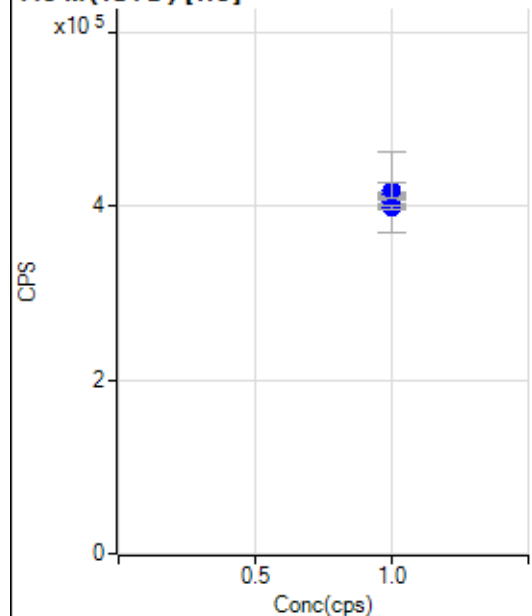
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4369739.08		A	0.5
2	☐	1.000					
3	☐	1.000		4332529.13		A	6.9
4	☐	1.000		4271608.73		A	4.4
5	☐	1.000		4375236.29		A	0.0
6	☐	1.000		4292116.11		A	0.6
7	☐	1.000		4344905.48		A	1.1
8	☐	1.000		4306307.52		A	1.9
9	☐	1.000		4063511.07		A	0.9

103 Rh (ISTD) [He]

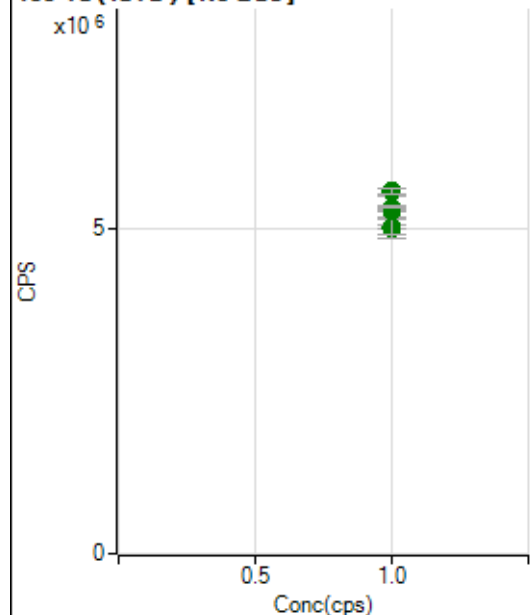
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1785439.24		A	23.3
2	☐	1.000					
3	☐	1.000		1760753.31		A	0.3
4	☐	1.000		1778990.84		A	0.2
5	☐	1.000		1732464.35		A	3.7
6	☐	1.000		1777766.31		A	0.7
7	☐	1.000		1736352.59		A	0.9
8	☐	1.000		1738920.25		A	0.8
9	☐	1.000		1719208.90		A	4.2

115 In (ISTD) [No Gas]

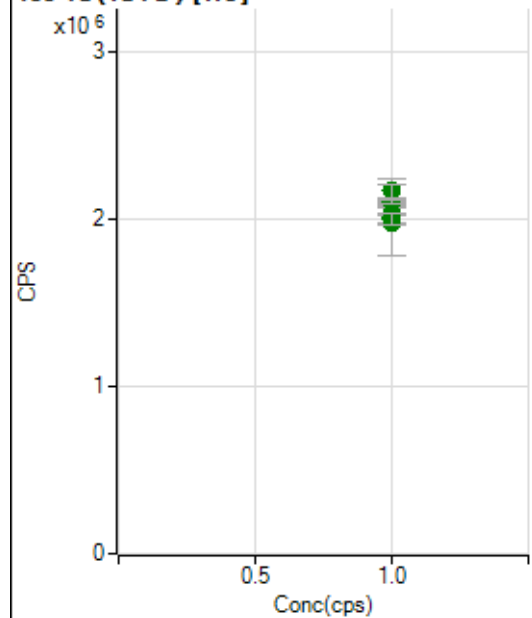
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4295112.19		A	0.6
2	☐	1.000					
3	☐	1.000		4221284.80		A	7.2
4	☐	1.000		4206382.78		A	2.8
5	☐	1.000		4369133.17		A	0.5
6	☐	1.000		4319383.95		A	0.7
7	☐	1.000		4419462.66		A	1.7
8	☐	1.000		4382548.71		A	2.2
9	☐	1.000		4248248.80		A	1.5

115 In (ISTD) [He]

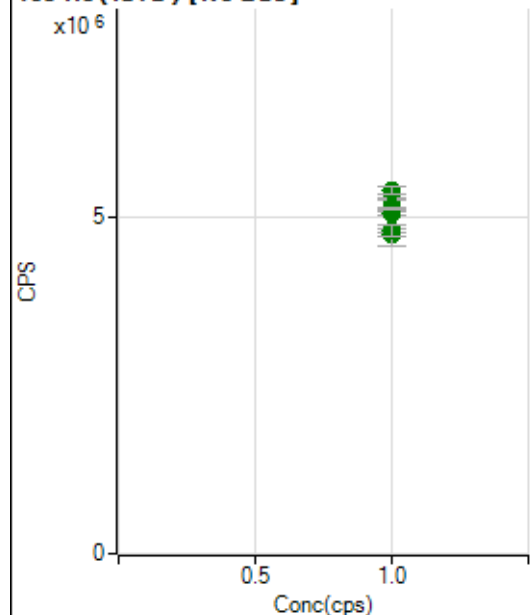
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		415708.70		P	22.4
2	☐	1.000					
3	☐	1.000		411858.23		P	0.9
4	☐	1.000		415629.89		P	0.7
5	☐	1.000		401903.17		P	2.3
6	☐	1.000		413838.08		P	0.6
7	☐	1.000		405029.69		P	1.6
8	☐	1.000		398864.69		P	1.0
9	☐	1.000		417470.25		P	4.2

159 Tb (ISTD) [No Gas]

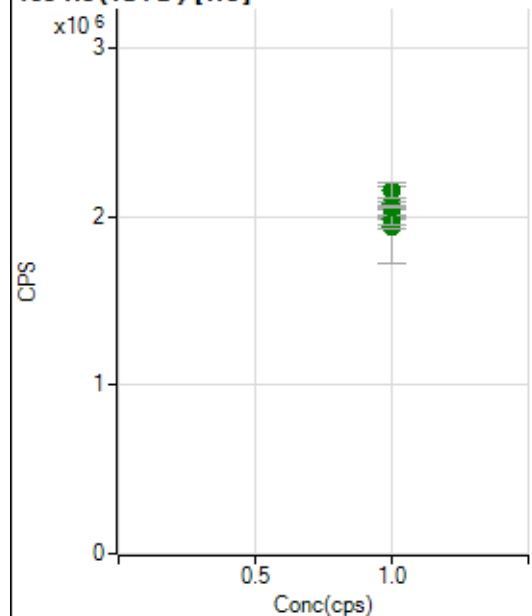
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5044230.93		A	1.0
2	☐	1.000					
3	☐	1.000		5025794.85		A	6.8
4	☐	1.000		5035167.63		A	4.4
5	☐	1.000		5280287.94		A	0.3
6	☐	1.000		5334933.50		A	1.0
7	☐	1.000		5575057.70		A	2.1
8	☐	1.000		5594375.40		A	1.6
9	☐	1.000		5351146.24		A	0.5

159 Tb (ISTD) [He]

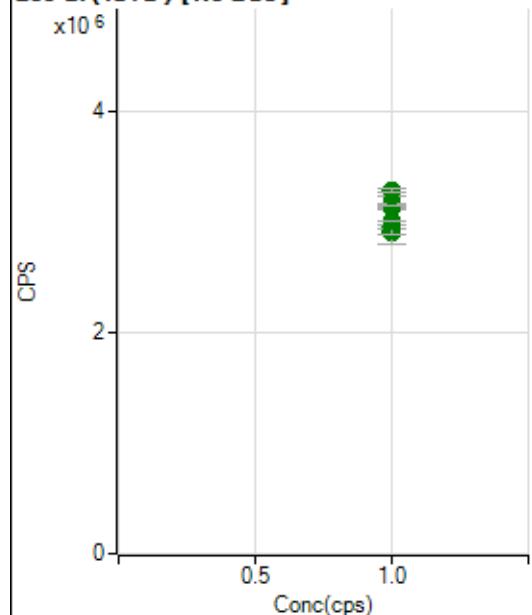
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2014548.62		A	23.0
2	☐	1.000					
3	☐	1.000		1980364.00		A	0.5
4	☐	1.000		2033519.35		A	1.0
5	☐	1.000		2006527.96		A	3.6
6	☐	1.000		2102832.47		A	1.3
7	☐	1.000		2090719.19		A	1.3
8	☐	1.000		2106255.28		A	0.7
9	☐	1.000		2172012.33		A	3.8

165 Ho (ISTD) [No Gas]

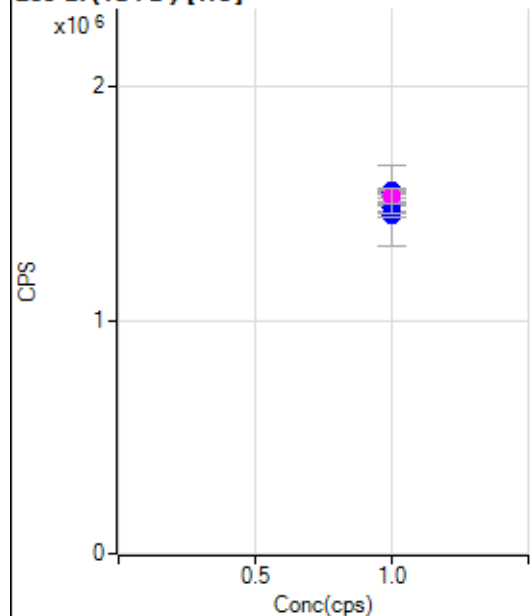
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4801671.72		A	0.9
2	☐	1.000					
3	☐	1.000		4731092.25		A	6.2
4	☐	1.000		4796706.92		A	3.3
5	☐	1.000		5055227.11		A	1.0
6	☐	1.000		5098214.96		A	0.3
7	☐	1.000		5276048.12		A	0.9
8	☐	1.000		5392150.21		A	2.0
9	☐	1.000		5133275.07		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1950056.03		A	23.6
2	☐	1.000					
3	☐	1.000		1941214.97		A	1.1
4	☐	1.000		1989598.79		A	0.6
5	☐	1.000		1977913.67		A	3.2
6	☐	1.000		2079281.79		A	1.1
7	☐	1.000		2056492.71		A	1.0
8	☐	1.000		2057551.62		A	0.1
9	☐	1.000		2150718.25		A	4.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2957584.99		A	0.9
2	☐	1.000					
3	☐	1.000		2905968.55		A	7.4
4	☐	1.000		2930030.58		A	2.7
5	☐	1.000		3127078.08		A	0.4
6	☐	1.000		3155383.91		A	0.4
7	☐	1.000		3235271.20		A	0.4
8	☐	1.000		3283023.08		A	1.0
9	☐	1.000		3011790.30		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1489906.49		M	23.5
2	☐	1.000					
3	☐	1.000		1446388.29		P	1.0
4	☐	1.000		1479491.33		P	1.4
5	☐	1.000		1482940.52		P	3.1
6	☐	1.000		1553444.61		P	0.6
7	☐	1.000		1546333.83		P	1.0
8	☐	1.000		1531078.38		P	0.8
9	☐	1.000		1530045.20		M	4.4