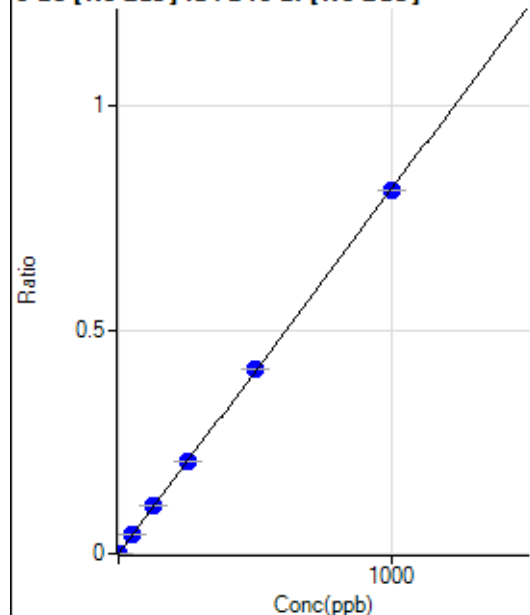


Batch Folder: D:\ICP-MS Data\P7070919-MS.b\
Analysis File: P7070919-MS.batch.bin
DA Date-Time: 2019-07-09 17:46:24
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-09 11:22:01
2			
3	005CALS.d	S02	2019-07-09 11:29:47
4	006CALS.d	S03	2019-07-09 11:33:44
5	007CALS.d	S04	2019-07-09 11:37:41
6	008CALS.d	S05	2019-07-09 11:41:37
7	009CALS.d	S06	2019-07-09 11:45:30
8	011CALS.d	S07	2019-07-09 11:53:40
9	012CALS.d	S08	2019-07-09 11:57:29

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	13.8
2	☐	0.100					
3	☐	1.000	1.077	1050.06	0.0009	P	6.2
4	☐	50.000	51.937	48893.05	0.0423	P	0.3
5	☐	125.000	129.748	121679.99	0.1057	P	0.6
6	☐	250.000	253.651	240039.37	0.2065	P	1.2
7	☐	500.000	506.789	475623.38	0.4126	P	0.7
8	☐	1000.000	995.002	944293.88	0.8100	P	0.1
9	☐			250.00	0.0002	P	11.4

$$y = 8.1399\text{E-}004 * x + 4.5791\text{E-}005$$

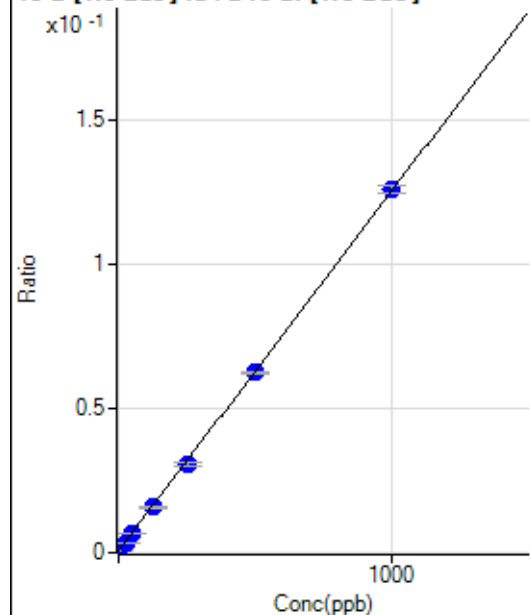
$$R = 1.0000$$

$$DL = 0.02327$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.71	0.0006	P	2.8
2	☐	2.500					
3	☐	25.000	22.822	3931.19	0.0035	P	3.6
4	☐	50.000	47.026	7482.73	0.0065	P	0.9
5	☐	125.000	122.374	18292.36	0.0159	P	2.8
6	☐	250.000	241.995	35818.35	0.0308	P	3.0
7	☐	500.000	497.040	72236.81	0.0627	P	1.3
8	☐	1000.000	1004.013	146826.43	0.1260	P	2.3
9	☐			14412.92	0.0133	P	4.7

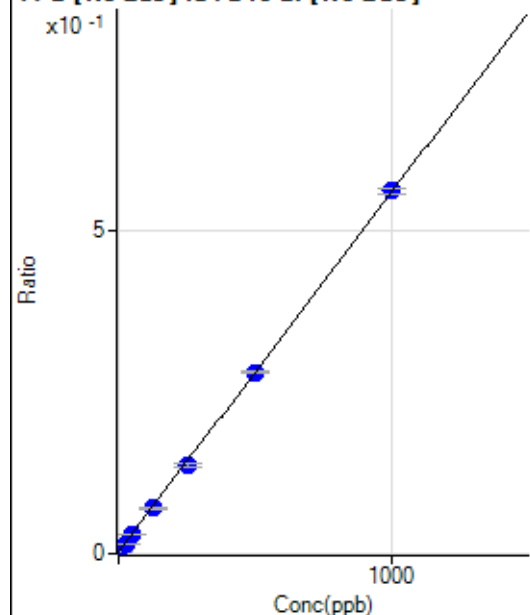
$$y = 1.2485\text{E-}004 * x + 6.0615\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4008$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3431.07	0.0030	P	2.4
2	☐	2.500					
3	☐	25.000	22.815	17852.82	0.0157	P	2.2
4	☐	50.000	49.673	35364.45	0.0306	P	1.5
5	☐	125.000	120.470	80565.00	0.0700	P	1.3
6	☐	250.000	240.404	158775.11	0.1366	P	2.5
7	☐	500.000	498.182	322633.50	0.2799	P	1.3
8	☐	1000.000	1003.945	653914.00	0.5609	P	1.5
9	☐			65994.96	0.0607	P	6.6

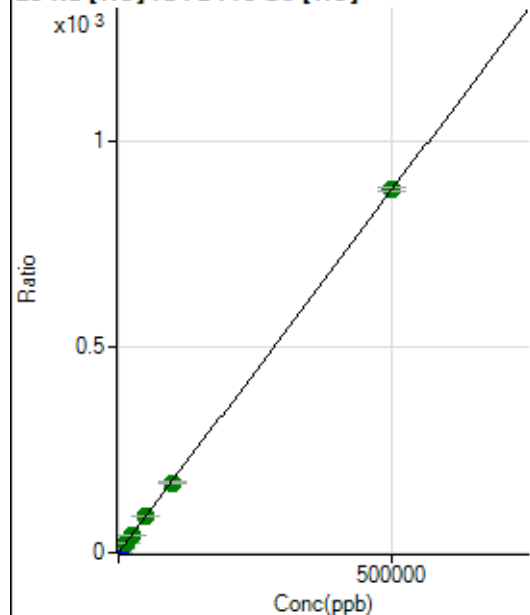
$$y = 5.5573\text{E-}004 * x + 0.0030$$

$$R = 0.9999$$

$$DL = 0.3882$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11743.86	0.0933	P	0.5
2	☐	50.000					
3	☐	500.000	505.554	125252.08	0.9829	P	1.1
4	☐	5000.000	5154.639	1128839.48	9.1641	P	0.9
5	☐	12500.000	12561.764	2677939.84	22.1987	A	0.3
6	☐	25000.000	24733.662	5305686.62	43.6181	A	0.8
7	☐	50000.000	50186.601	10660449.54	88.4086	A	0.9
8	☐	100000.00	96774.522	22003597.02	170.3912	A	1.6
9	☐	500000.00	500636.65	104832651.6	881.0833	A	0.9

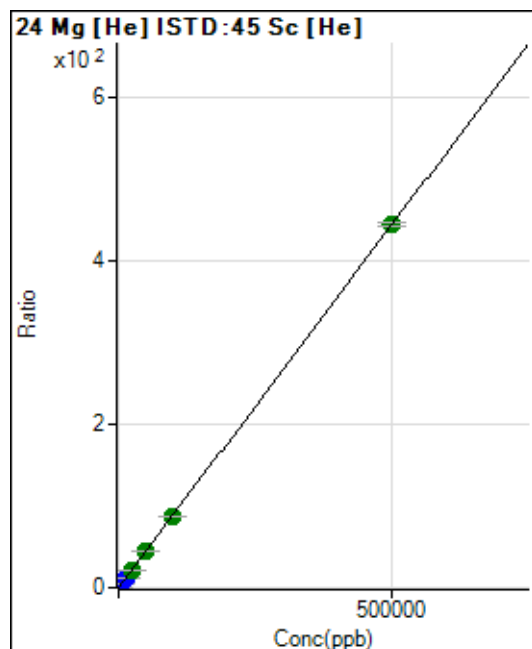
$$y = 0.0018 * x + 0.0933$$

$$R = 1.0000$$

$$DL = 0.813$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0004	P	40.7
2	☐	50.000					
3	☐	500.000	519.549	58712.81	0.4607	P	0.5
4	☐	5000.000	5246.727	572739.81	4.6493	P	0.4
5	☐	12500.000	12693.548	1356847.06	11.2477	P	0.6
6	☐	25000.000	24997.781	2694319.18	22.1500	A	0.7
7	☐	50000.000	50621.965	5408536.28	44.8547	A	0.9
8	☐	100000.00	97688.149	11178163.62	86.5584	A	1.3
9	☐	500000.00	500392.95	52753907.08	443.3811	A	1.0

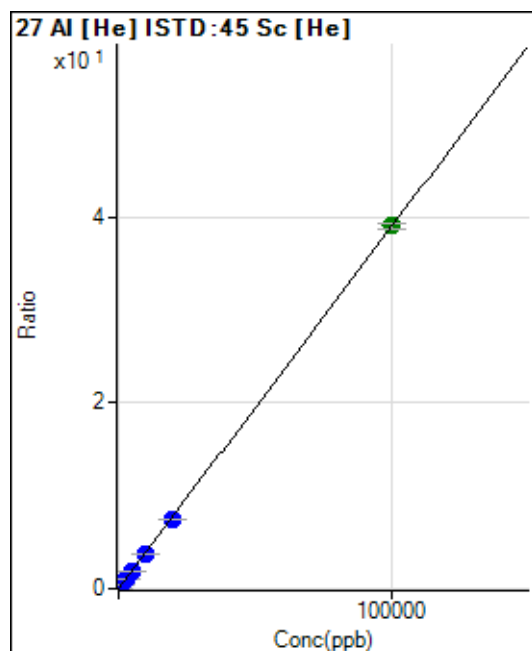
$$y = 8.8607\text{E-}004 * x + 3.7506\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.5173$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	2.000					
3	☐	20.000	20.547	1025.08	0.0080	P	2.9
4	☐	1000.000	1023.713	49103.81	0.3986	P	1.6
5	☐	2500.000	2537.761	119194.36	0.9881	P	0.5
6	☐	5000.000	4893.182	231739.83	1.9051	P	0.3
7	☐	10000.000	9790.054	459605.88	3.8116	P	0.5
8	☐	20000.000	19013.597	955979.00	7.4027	P	0.7
9	☐	100000.00	100222.43	4642437.78	39.0199	A	1.5

$$y = 3.8933\text{E-}004 * x + 4.4099\text{E-}005$$

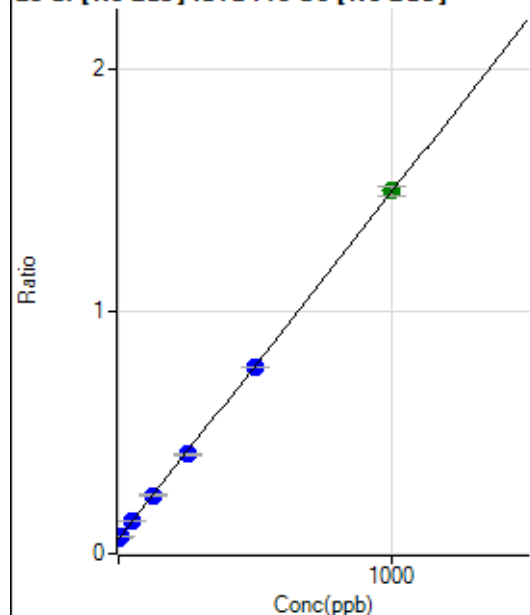
$$R = 0.9999$$

$$DL = 0.2943$$

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	139062.00	0.0608	P	2.1
2	☐	1.000					
3	☐	10.000	9.073	162725.05	0.0738	P	0.8
4	☐	50.000	51.784	294836.08	0.1351	P	1.1
5	☐	125.000	125.963	513492.62	0.2414	P	1.4
6	☐	250.000	243.339	877335.36	0.4097	P	2.3
7	☐	500.000	495.217	1641191.87	0.7709	P	0.8
8	☐	1000.000	1003.857	3295476.25	1.5001	A	2.5
9	☐			185996.96	0.0889	P	3.3

$$y = 0.0014 * x + 0.0608$$

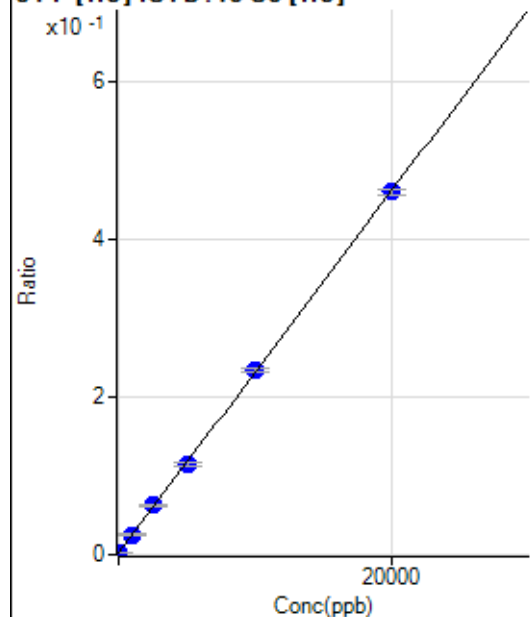
$$R = 1.0000$$

$$DL = 2.692$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-17.198	216.68	0.0017	P	3.7
2	☐	0.000					
3	☐	0.000	17.198	319.46	0.0025	P	22.0
4	☐	1000.000	1012.483	3122.67	0.0253	P	2.7
5	☐	2500.000	2625.109	7521.62	0.0623	P	2.0
6	☐	5000.000	4884.631	13890.32	0.1142	P	3.3
7	☐	10000.000	10116.771	28244.18	0.2342	P	2.7
8	☐	20000.000	19954.194	59405.20	0.4600	P	1.4
9	☐			177.79	0.0015	P	16.9

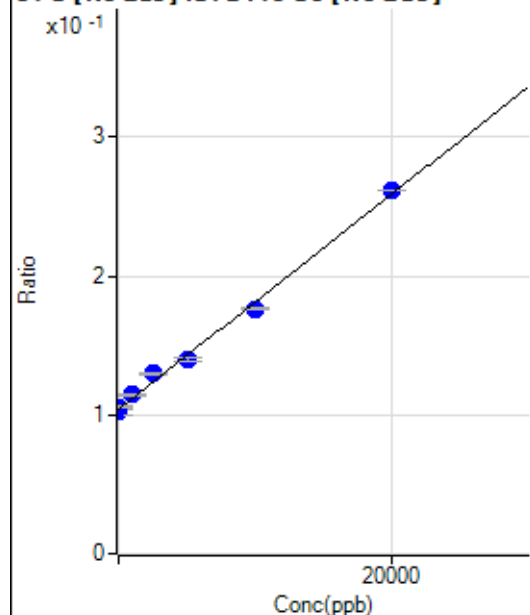
$$y = 2.2945E-005 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 40.21$$

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	-242.575	233558.66	0.1022	P	3.4
2	☐	0.000					
3	☐	0.000	242.575	233457.82	0.1059	P	1.1
4	☐	1000.000	1395.109	250709.17	0.1148	P	1.2
5	☐	2500.000	3304.341	275765.02	0.1296	P	0.6
6	☐	5000.000	4621.851	299480.91	0.1398	P	1.3
7	☐	10000.000	9344.746	375599.64	0.1764	P	0.6
8	☐	20000.000	20301.866	574083.78	0.2613	P	0.1
9	☐			185008.40	0.0884	P	1.0

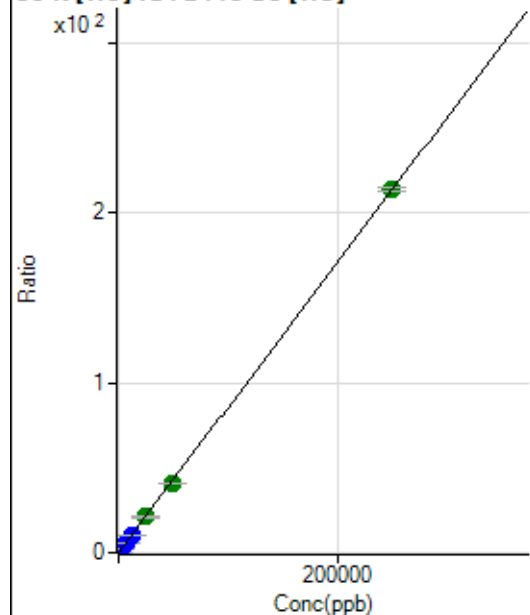
$$y = 7.7450\text{E-}006 * x + 0.1040$$

$$R = 0.9976$$

$$DL = 904.1$$

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	16918.54	0.1344	P	1.3
2	☐	50.000					
3	☐	500.000	496.739	70975.59	0.5570	P	1.2
4	☐	2500.000	2570.410	285905.73	2.3211	P	0.8
5	☐	6250.000	6357.068	668584.13	5.5424	P	1.2
6	☐	12500.000	12204.120	1279247.10	10.5166	P	0.1
7	☐	25000.000	24446.447	2523869.96	20.9313	A	0.8
8	☐	50000.000	47758.121	5263932.02	40.7628	A	1.1
9	☐	250000.00	250515.15	25372264.63	213.2505	A	1.2

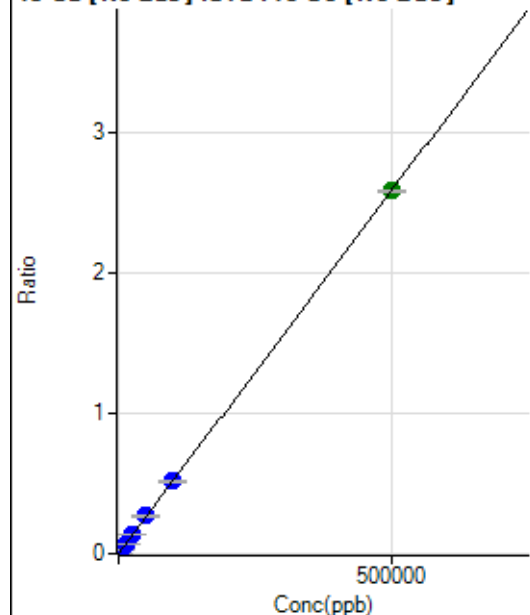
$$y = 8.5071\text{E-}004 * x + 0.1344$$

$$R = 1.0000$$

$$DL = 6.148$$

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	108.34	0.0000	P	31.9
2	☐	50.000					
3	☐	500.000	511.056	5931.99	0.0027	P	3.2
4	☐	5000.000	5208.049	58929.29	0.0270	P	2.1
5	☐	12500.000	12927.846	142370.19	0.0669	P	0.8
6	☐	25000.000	25549.736	283184.12	0.1322	P	1.7
7	☐	50000.000	51864.636	571405.31	0.2684	P	1.0
8	☐	100000.00	99763.079	1134120.70	0.5162	P	1.4
9	☐	500000.00	499820.64	5411664.27	2.5860	A	0.6

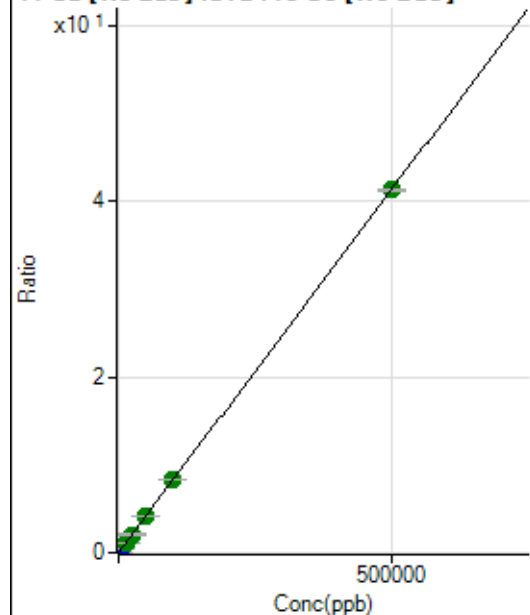
$$y = 5.1738\text{E-}006 * x + 4.7237\text{E-}005$$

$$R = 1.0000$$

$$DL = 8.734$$

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	8986.44	0.0039	P	6.6
2	☐	50.000					
3	☐	500.000	498.679	99444.49	0.0451	P	1.4
4	☐	5000.000	5084.794	925378.02	0.4239	P	0.4
5	☐	12500.000	12670.665	2234355.73	1.0504	A	0.7
6	☐	25000.000	24999.518	4429992.24	2.0687	A	1.9
7	☐	50000.000	51040.199	8983502.46	4.2195	A	0.4
8	☐	100000.00	100608.32	18265052.67	8.3134	A	0.9
9	☐	500000.00	499769.22	86386900.54	41.2810	A	0.7

$$y = 8.2592\text{E-}005 * x + 0.0039$$

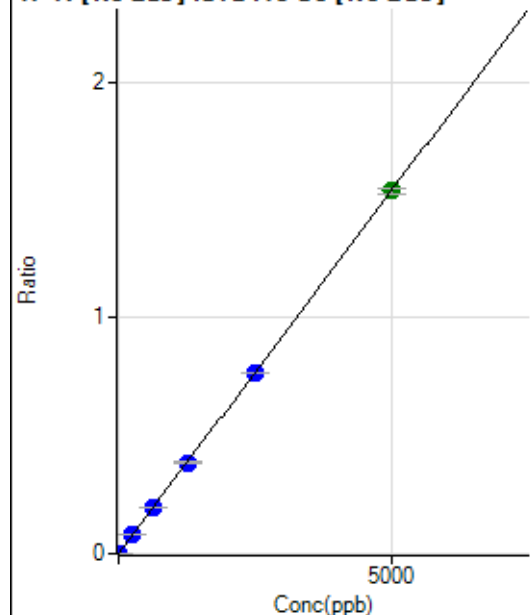
$$R = 1.0000$$

$$DL = 9.458$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.22	0.0000	P	2.6
2	☐	0.500					
3	☐	5.000	3.761	2644.80	0.0012	P	4.1
4	☐	250.000	256.795	172628.98	0.0791	P	0.2
5	☐	625.000	640.971	419660.86	0.1973	P	2.2
6	☐	1250.000	1248.454	822890.21	0.3843	P	2.4
7	☐	2500.000	2498.477	1637290.55	0.7690	P	0.2
8	☐	5000.000	4998.813	3380167.18	1.5386	A	1.5
9	☐			961.19	0.0005	P	10.5

$$y = 3.0778E-004 * x + 4.2489E-005$$

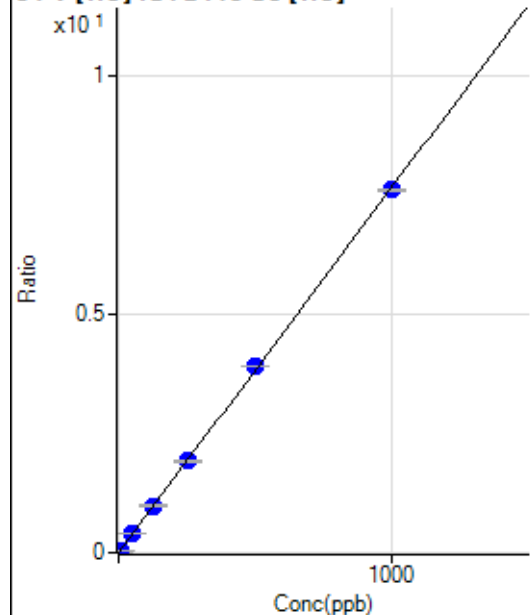
$$R = 1.0000$$

$$DL = 0.01094$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	5.300	5178.78	0.0406	P	1.3
4	☐	50.000	52.018	49107.14	0.3986	P	0.9
5	☐	125.000	128.417	118714.13	0.9841	P	1.1
6	☐	250.000	251.018	233990.00	1.9236	P	0.6
7	☐	500.000	510.091	471344.12	3.9089	P	0.3
8	☐	1000.000	994.170	983844.22	7.6184	P	0.7
9	☐			167.78	0.0014	P	15.0

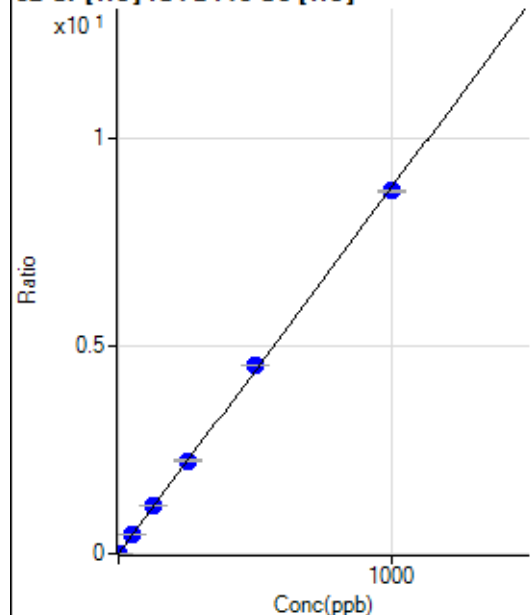
$$y = 0.0077 * x + 2.6456E-005$$

$$R = 0.9999$$

$$DL = 0.01035$$

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	360.01	0.0029	P	24.3
2	☐	0.200					
3	☐	2.000	2.047	2661.39	0.0209	P	5.7
4	☐	50.000	52.822	57664.59	0.4681	P	0.6
5	☐	125.000	130.819	139335.99	1.1550	P	0.5
6	☐	250.000	254.139	272622.64	2.2412	P	0.4
7	☐	500.000	514.271	546518.03	4.5323	P	0.4
8	☐	1000.000	990.961	1127502.47	8.7307	P	0.6
9	☐			10642.84	0.0894	P	1.7

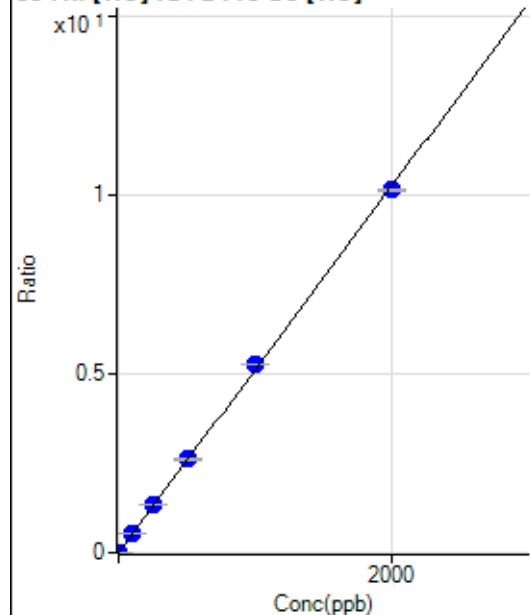
$$y = 0.0088 * x + 0.0029$$

$$R = 0.9998$$

$$DL = 0.2364$$

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	15.56	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	1.042	695.59	0.0055	P	6.4
4	☐	100.000	105.148	66295.33	0.5382	P	0.7
5	☐	250.000	261.331	161339.14	1.3374	P	0.6
6	☐	500.000	510.011	317486.76	2.6100	P	0.8
7	☐	1000.000	1030.510	635880.28	5.2736	P	0.6
8	☐	2000.000	1980.568	1308905.83	10.1353	P	0.3
9	☐			3557.15	0.0299	P	2.2

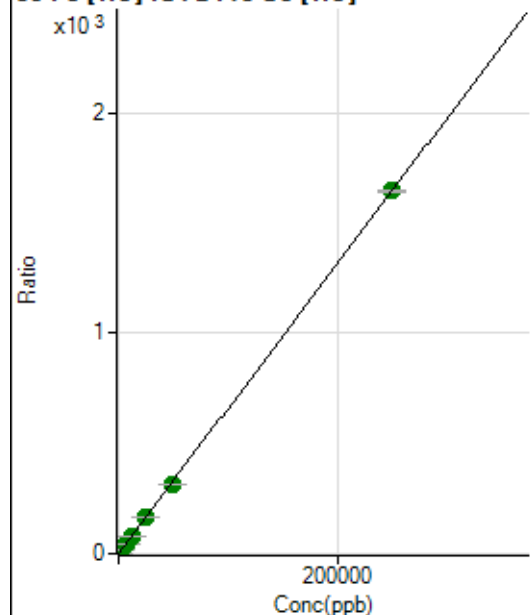
$$y = 0.0051 * x + 1.2356E-004$$

$$R = 0.9998$$

$$DL = 0.008957$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2624.37	0.0208	P	5.9
2	☐	5.000					
3	☐	50.000	54.536	48294.57	0.3790	P	0.7
4	☐	2500.000	2485.941	2013462.72	16.3460	A	1.0
5	☐	6250.000	6271.990	4971241.72	41.2089	A	0.4
6	☐	12500.000	12202.099	9749688.88	80.1519	A	0.4
7	☐	25000.000	24747.360	19598625.90	162.5365	A	0.3
8	☐	50000.000	47835.738	40569021.28	314.1576	A	1.1
9	☐	250000.00	250472.60	195710669.1	1,644.871	A	0.8

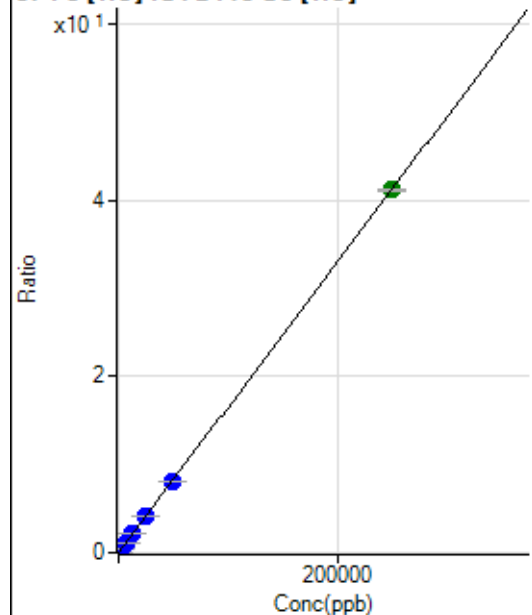
$$y = 0.0066 * x + 0.0208$$

$$R = 1.0000$$

$$DL = 0.5641$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207.42	0.0016	P	20.1
2	☐	5.000					
3	☐	50.000	58.858	1446.41	0.0113	P	7.1
4	☐	2500.000	2588.564	52735.84	0.4281	P	0.4
5	☐	6250.000	6495.247	129284.83	1.0717	P	0.8
6	☐	12500.000	12728.662	255287.17	2.0987	P	0.7
7	☐	25000.000	25683.150	510410.31	4.2329	P	0.5
8	☐	50000.000	49388.899	1050993.76	8.1384	P	0.7
9	☐	250000.00	250035.45	4901470.01	41.1946	A	0.9

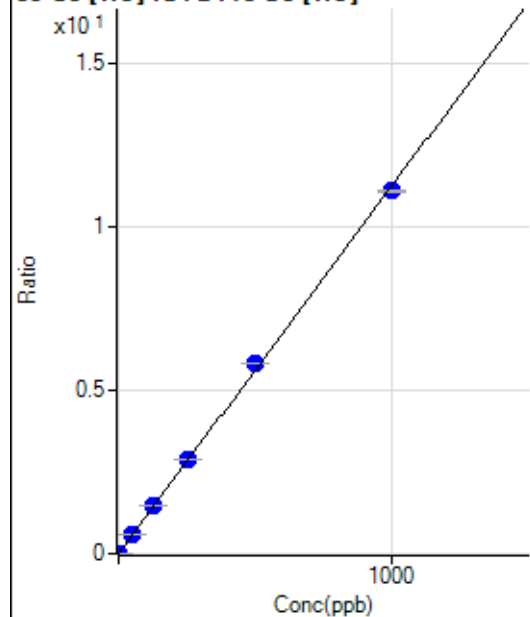
$$y = 1.6475E-004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 6.035$$

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	26.67	0.0002	P	12.6
2	☐	0.100					
3	☐	1.000	1.008	1472.32	0.0116	P	6.9
4	☐	50.000	53.206	73791.00	0.5990	P	0.7
5	☐	125.000	132.999	180598.60	1.4971	P	0.6
6	☐	250.000	257.752	352907.98	2.9012	P	0.8
7	☐	500.000	517.934	702913.44	5.8295	P	0.4
8	☐	1000.000	987.935	1435984.67	11.1193	P	0.2
9	☐			17163.55	0.1442	P	0.3

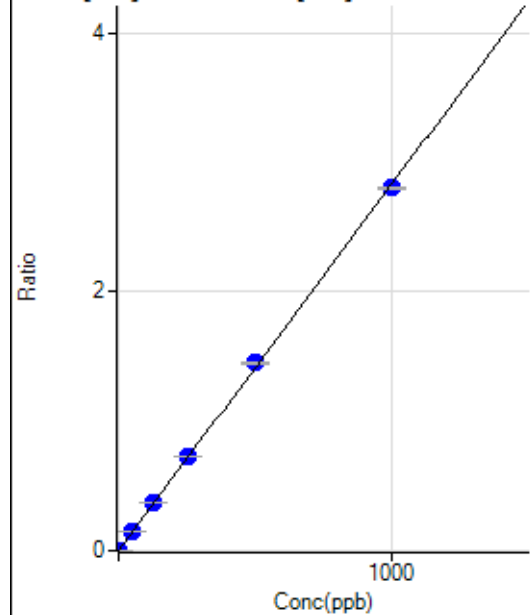
$$y = 0.0113 * x + 2.1182E-004$$

$$R = 0.9997$$

$$DL = 0.007118$$

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	17.78	0.0001	P	60.1
2	☐	0.100					
3	☐	1.000	1.163	436.68	0.0034	P	9.4
4	☐	50.000	52.793	18407.38	0.1494	P	1.8
5	☐	125.000	132.780	45307.84	0.3756	P	0.6
6	☐	250.000	257.223	88489.63	0.7275	P	0.5
7	☐	500.000	512.643	174799.79	1.4497	P	0.6
8	☐	1000.000	990.761	361809.22	2.8016	P	0.2
9	☐			5146.53	0.0432	P	1.6

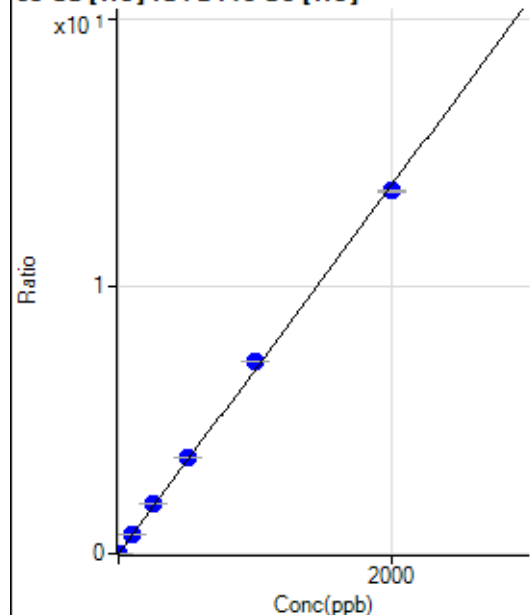
$$y = 0.0028 * x + 1.4111E-004$$

$$R = 0.9998$$

$$DL = 0.09$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	201.11	0.0016	P	16.8
2	☐	0.200					
3	☐	2.000	2.038	1994.61	0.0157	P	4.5
4	☐	100.000	107.593	91609.95	0.7437	P	0.9
5	☐	250.000	267.425	222699.57	1.8461	P	0.6
6	☐	500.000	522.232	438352.20	3.6036	P	0.8
7	☐	1000.000	1041.970	866794.34	7.1884	P	0.4
8	☐	2000.000	1970.899	1755771.15	13.5954	P	0.6
9	☐			2099.07	0.0176	P	7.4

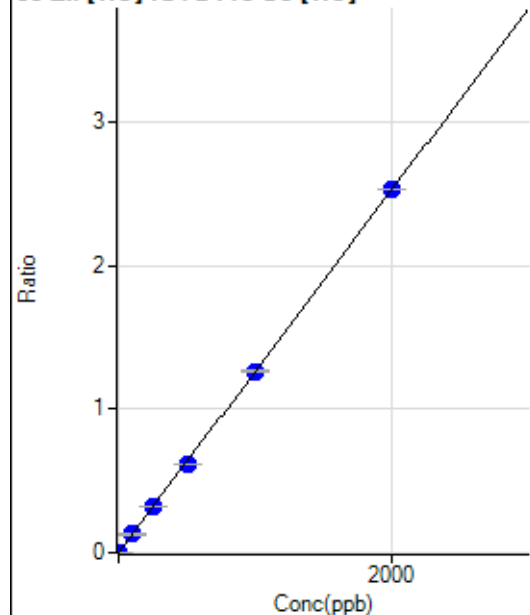
$$y = 0.0069 * x + 0.0016$$

$$R = 0.9996$$

$$DL = 0.1168$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.91	0.0006	P	23.3
2	☐	0.200					
3	☐	2.000	2.588	489.93	0.0038	P	5.4
4	☐	100.000	100.753	15765.84	0.1280	P	0.8
5	☐	250.000	250.560	38293.58	0.3174	P	0.2
6	☐	500.000	489.997	75446.82	0.6202	P	0.2
7	☐	1000.000	1001.710	152817.26	1.2674	P	0.6
8	☐	2000.000	2001.538	326965.07	2.5318	P	0.2
9	☐			2041.65	0.0172	P	0.4

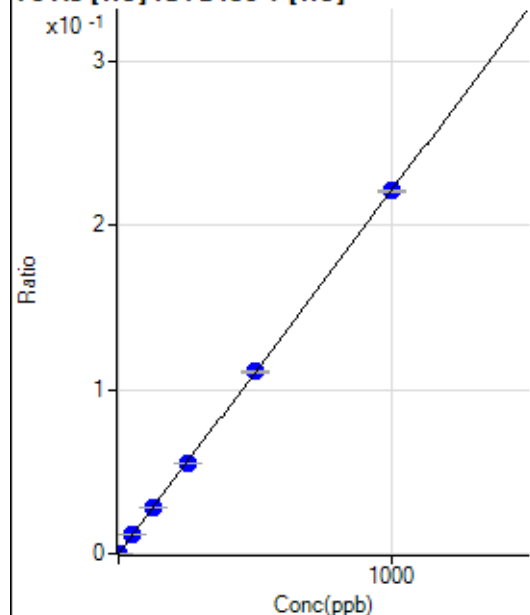
$$y = 0.0013 * x + 5.7126E-004$$

$$R = 1.0000$$

$$DL = 0.3162$$

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	4.94	0.0000	P	21.4
2	☐	0.100					
3	☐	1.000	0.946	98.77	0.0002	P	20.1
4	☐	50.000	50.835	4926.18	0.0113	P	2.2
5	☐	125.000	127.100	12199.63	0.0281	P	0.8
6	☐	250.000	250.156	23984.63	0.0553	P	0.9
7	☐	500.000	500.893	48743.66	0.1108	P	1.4
8	☐	1000.000	999.210	102344.55	0.2209	P	0.3
9	☐			146.30	0.0003	P	15.0

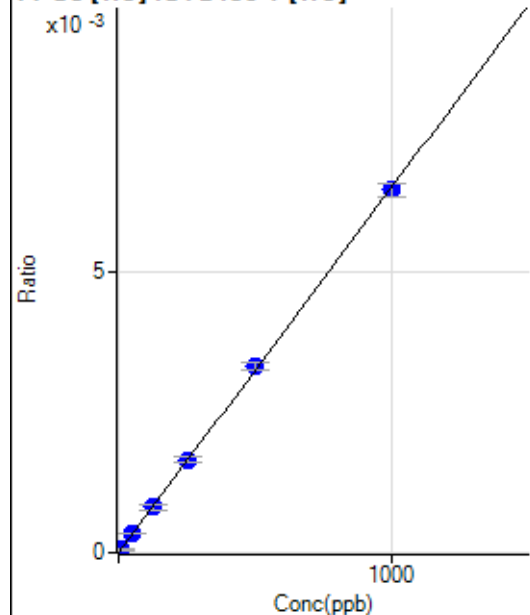
$$y = 2.2111\text{E-}004 * x + 1.1003\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03197$$

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	☐	0.500					
3	☐	5.000	8.021	23.33	0.0001	P	37.6
4	☐	50.000	53.671	152.23	0.0003	P	4.7
5	☐	125.000	124.066	348.90	0.0008	P	12.5
6	☐	250.000	254.180	714.47	0.0016	P	7.1
7	☐	500.000	510.323	1455.65	0.0033	P	3.6
8	☐	1000.000	993.712	2982.58	0.0064	P	3.6
9	☐			0.00	0.0000	P	

$$y = 6.4808\text{E-}006 * x + 0.0000\text{E+}000$$

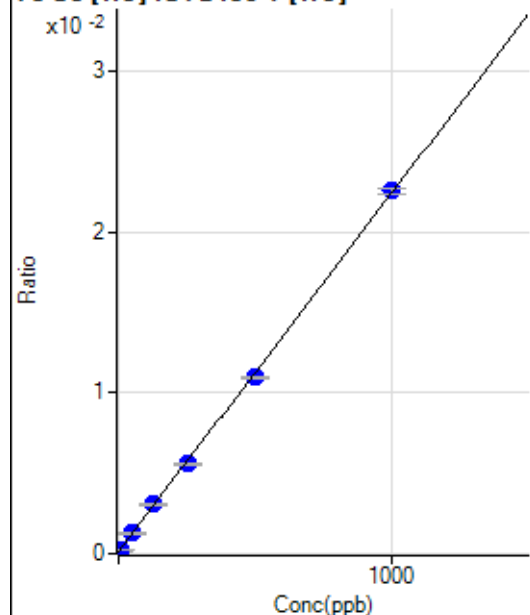
$$R = 0.9999$$

$$DL = 0$$

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	61.73	0.0001	P	13.0
2	☐	0.500					
3	☐	5.000	4.461	106.17	0.0002	P	13.5
4	☐	50.000	51.628	562.98	0.0013	P	10.8
5	☐	125.000	132.155	1335.88	0.0031	P	4.6
6	☐	250.000	244.971	2423.06	0.0056	P	1.7
7	☐	500.000	486.964	4829.85	0.0110	P	0.8
8	☐	1000.000	1006.802	10440.87	0.0225	P	1.4
9	☐			43.83	0.0001	P	26.7

$$y = 2.2252\text{E-}005 * x + 1.3762\text{E-}004$$

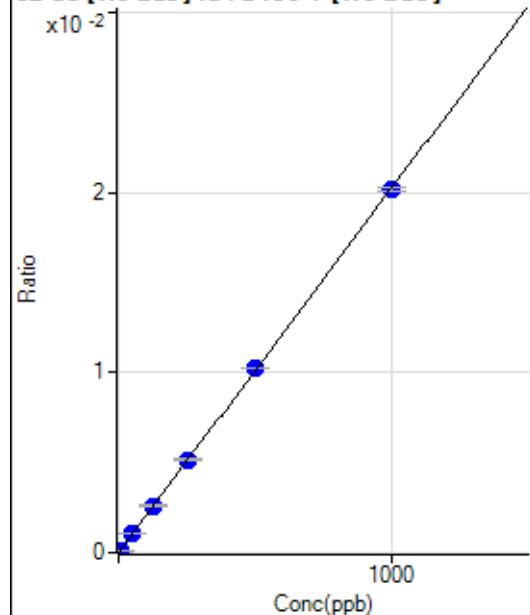
$$R = 0.9998$$

$$DL = 2.408$$

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	16.09	0.0000	P	217.
2	☐	0.500					
3	☐	5.000	5.508	292.64	0.0001	P	8.0
4	☐	50.000	51.214	2561.00	0.0010	P	3.3
5	☐	125.000	128.828	6357.34	0.0026	P	1.4
6	☐	250.000	254.675	12704.81	0.0052	P	2.4
7	☐	500.000	505.573	25360.76	0.0102	P	0.7
8	☐	1000.000	995.503	51726.83	0.0202	P	1.0
9	☐			63.95	0.0000	P	39.0

$$y = 2.0258\text{E-}005 * x + 6.0199\text{E-}006$$

$$R = 1.0000$$

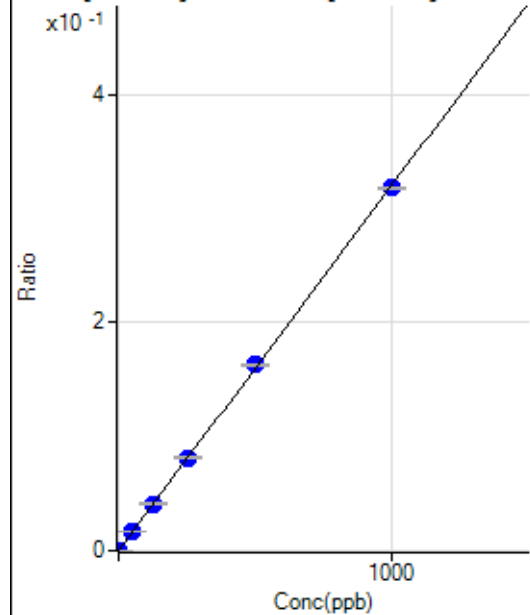
$$DL = 1.94$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			130.00		P	29.6
2	☐						
3	☐			130.00		P	15.4
4	☐			146.67		P	18.2
5	☐			165.56		P	4.2
6	☐			117.78		P	6.5
7	☐			126.67		P	11.5
8	☐			132.23		P	8.9
9	☐			131.11		P	16.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	163.90	0.0001	P	11.4
2	☐	0.100					
3	☐	1.000	1.052	988.97	0.0004	P	3.8
4	☐	50.000	51.120	40265.82	0.0164	P	2.4
5	☐	125.000	128.701	100158.43	0.0412	P	1.5
6	☐	250.000	254.169	200041.22	0.0813	P	2.9
7	☐	500.000	508.569	402584.48	0.1627	P	0.3
8	☐	1000.000	994.155	815284.02	0.3179	P	0.2
9	☐			3472.80	0.0015	P	3.4

$$y = 3.1976E-004 * x + 6.1197E-005$$

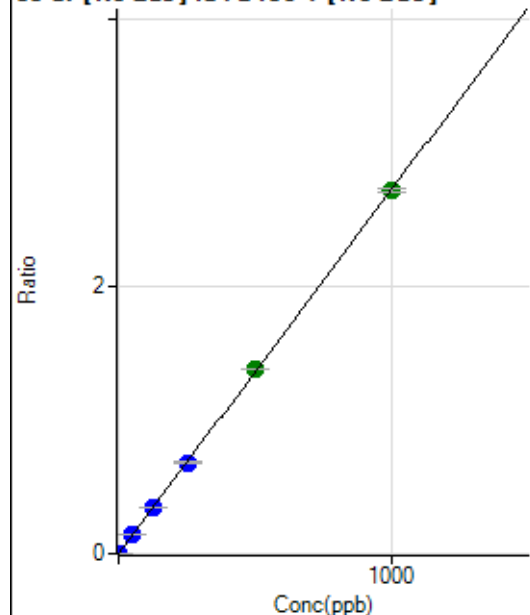
$$R = 0.9999$$

$$DL = 0.06546$$

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	19.45	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	1.039	7063.11	0.0028	P	0.9
4	☐	50.000	51.648	345479.25	0.1408	P	0.4
5	☐	125.000	128.492	851126.55	0.3502	P	1.0
6	☐	250.000	250.622	1680263.73	0.6831	P	2.0
7	☐	500.000	505.481	3409436.23	1.3777	A	0.3
8	☐	1000.000	996.585	6964689.65	2.7163	A	1.1
9	☐			28559.86	0.0121	P	1.0

$$y = 0.0027 * x + 7.2677E-006$$

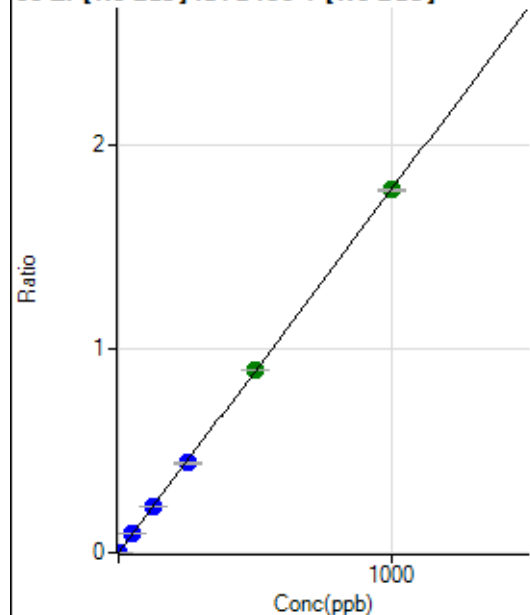
$$R = 1.0000$$

$$DL = 0.002011$$

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	180.57	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	0.980	4514.79	0.0018	P	1.0
4	☐	50.000	50.518	221276.67	0.0902	P	0.4
5	☐	125.000	126.660	549171.91	0.2260	P	0.6
6	☐	250.000	246.872	1083253.28	0.4404	P	1.8
7	☐	500.000	504.004	2224702.55	0.8990	A	0.2
8	☐	1000.000	998.547	4566877.40	1.7810	A	0.3
9	☐			1644.60	0.0007	P	7.1

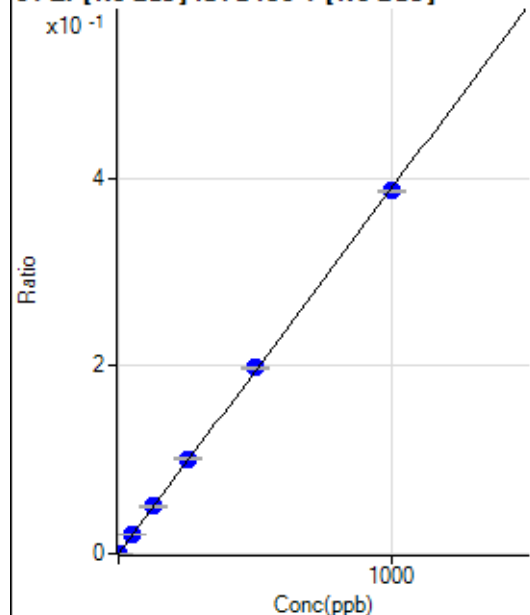
$$y = 0.0018 * x + 6.7452E-005$$

$$R = 1.0000$$

$$DL = 0.01699$$

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	36.11	0.0000	P	103.
2	☐	0.100					
3	☐	1.000	1.007	1008.42	0.0004	P	9.7
4	☐	50.000	52.506	50169.47	0.0204	P	1.6
5	☐	125.000	129.720	122705.37	0.0505	P	1.9
6	☐	250.000	258.481	247423.29	0.1006	P	1.9
7	☐	500.000	507.983	489155.55	0.1977	P	0.5
8	☐	1000.000	993.173	990922.75	0.3864	P	0.3
9	☐			352.79	0.0001	P	12.1

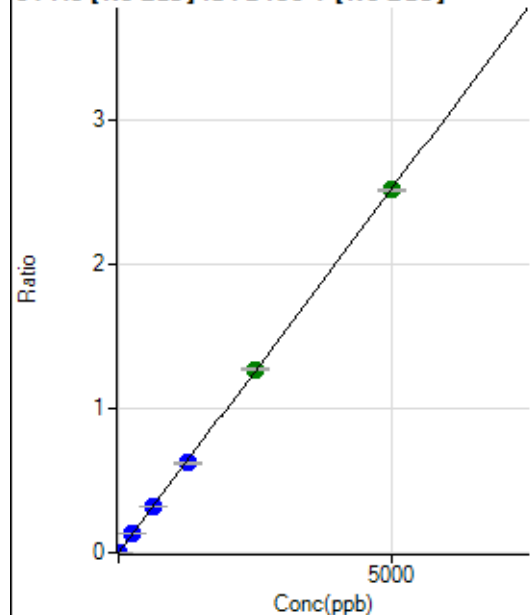
$$y = 3.8909\text{E-}004 * x + 1.3482\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1079$$

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	102.78	0.0000	P	12.3
2	☐	0.500					
3	☐	5.000	4.230	5392.91	0.0022	P	5.7
4	☐	250.000	258.121	318864.23	0.1299	P	0.2
5	☐	625.000	639.403	782119.22	0.3218	P	0.9
6	☐	1250.000	1235.344	1529365.14	0.6217	P	1.5
7	☐	2500.000	2521.740	3140490.69	1.2691	A	0.4
8	☐	5000.000	4990.588	6439924.32	2.5115	A	0.2
9	☐			3131.04	0.0013	P	6.9

$$y = 5.0323\text{E-}004 * x + 3.8386\text{E-}005$$

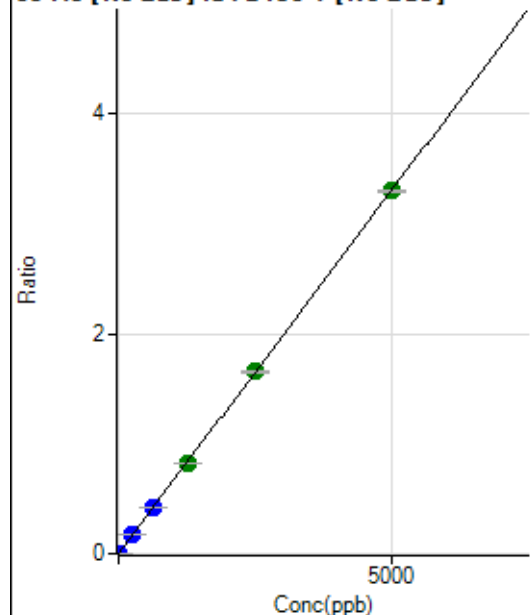
$$R = 1.0000$$

$$DL = 0.02806$$

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	30.56	0.0000	P	31.9
2	☐	0.500					
3	☐	5.000	3.987	6576.78	0.0026	P	5.3
4	☐	250.000	260.229	421643.19	0.1718	P	0.6
5	☐	625.000	644.132	1033557.39	0.4253	P	0.9
6	☐	1250.000	1242.245	2017493.62	0.8201	A	1.4
7	☐	2500.000	2505.620	4093557.34	1.6542	A	0.3
8	☐	5000.000	4996.227	8457731.78	3.2985	A	0.7
9	☐			4631.52	0.0020	P	0.8

$$y = 6.6019\text{E-}004 * x + 1.1422\text{E-}005$$

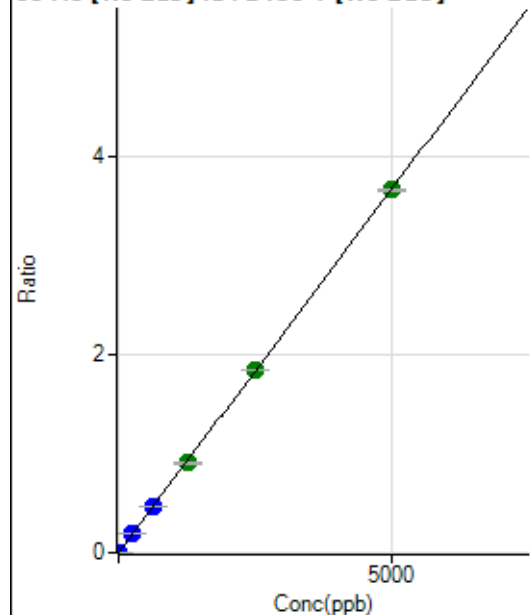
$$R = 1.0000$$

$$DL = 0.01656$$

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	58.34	0.0000	P	42.7
2	☐	0.500					
3	☐	5.000	4.064	7488.43	0.0030	P	7.4
4	☐	250.000	253.233	456886.90	0.1862	P	0.7
5	☐	625.000	631.598	1128412.29	0.4643	P	0.3
6	☐	1250.000	1239.383	2241189.77	0.9111	A	1.6
7	☐	2500.000	2518.787	4581985.17	1.8516	A	0.5
8	☐	5000.000	4992.276	9409986.15	3.6698	A	0.6
9	☐			6507.31	0.0028	P	4.7

$$y = 7.3510\text{E-}004 * x + 2.1786\text{E-}005$$

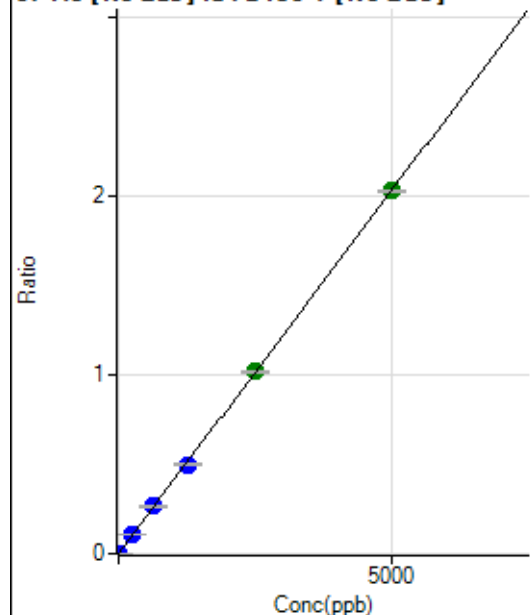
$$R = 1.0000$$

$$DL = 0.038$$

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	36.11	0.0000	P	93.4
2	☐	0.500					
3	☐	5.000	4.042	4114.64	0.0017	P	6.9
4	☐	250.000	261.744	260748.72	0.1062	P	1.5
5	☐	625.000	649.923	641108.01	0.2638	P	0.6
6	☐	1250.000	1230.222	1228246.91	0.4993	P	2.0
7	☐	2500.000	2507.112	2518195.11	1.0176	A	0.4
8	☐	5000.000	4997.687	5201396.12	2.0285	A	0.3
9	☐			2655.92	0.0011	P	3.0

$$y = 4.0588E-004 * x + 1.3515E-005$$

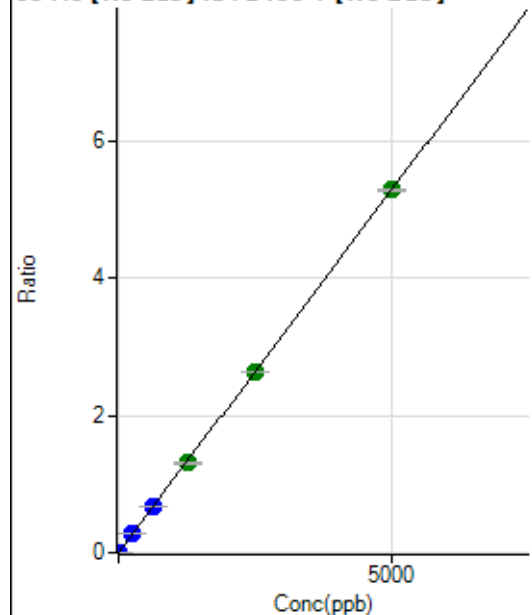
$$R = 1.0000$$

$$DL = 0.09332$$

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	50.00	0.0000	P	44.0
2	☐	0.500					
3	☐	5.000	4.008	10601.55	0.0043	P	0.4
4	☐	250.000	254.826	662004.64	0.2698	P	0.4
5	☐	625.000	629.708	1620008.81	0.6666	P	0.3
6	☐	1250.000	1238.954	3225845.34	1.3115	A	2.3
7	☐	2500.000	2499.531	6547503.53	2.6458	A	0.2
8	☐	5000.000	5002.167	13576976.17	5.2949	A	0.6
9	☐			6826.93	0.0029	P	1.2

$$y = 0.0011 * x + 1.8670E-005$$

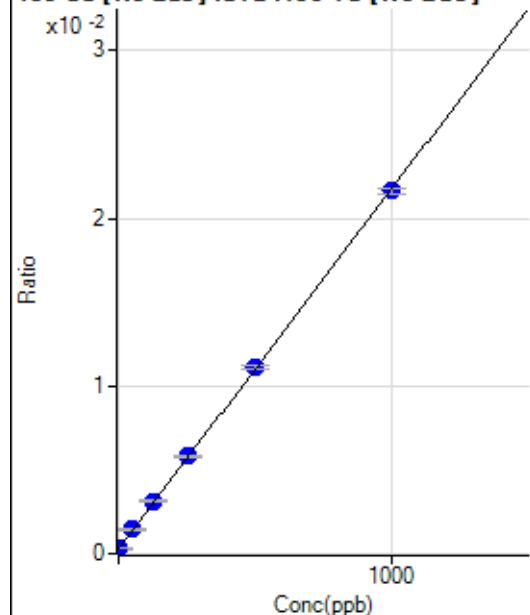
$$R = 1.0000$$

$$DL = 0.02326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	861.17	0.0003	P	19.0
2	☐	0.100					
3	☐	1.000	3.078	922.29	0.0004	P	3.0
4	☐	50.000	53.388	3731.22	0.0014	P	3.3
5	☐	125.000	132.855	8197.17	0.0031	P	4.1
6	☐	250.000	257.473	15564.69	0.0058	P	2.4
7	☐	500.000	504.811	30052.24	0.0111	P	1.7
8	☐	1000.000	994.573	60501.85	0.0216	P	1.3
9	☐			827.84	0.0003	P	14.9

$$y = 2.1466\text{E-}005 * x + 2.8865\text{E-}004$$

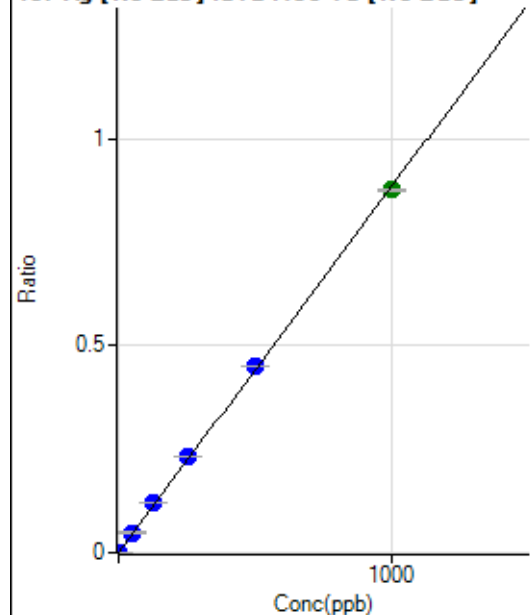
$$R = 0.9999$$

$$DL = 7.654$$

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	50.00	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	1.159	2708.69	0.0010	P	4.8
4	☐	50.000	55.105	126816.54	0.0488	P	0.6
5	☐	125.000	134.980	311683.61	0.1194	P	0.9
6	☐	250.000	261.486	618960.38	0.2313	P	0.7
7	☐	500.000	508.532	1215203.53	0.4498	P	0.4
8	☐	1000.000	991.360	2451906.43	0.8769	A	0.7
9	☐			336.13	0.0001	P	4.2

$$y = 8.8453\text{E-}004 * x + 1.6753\text{E-}005$$

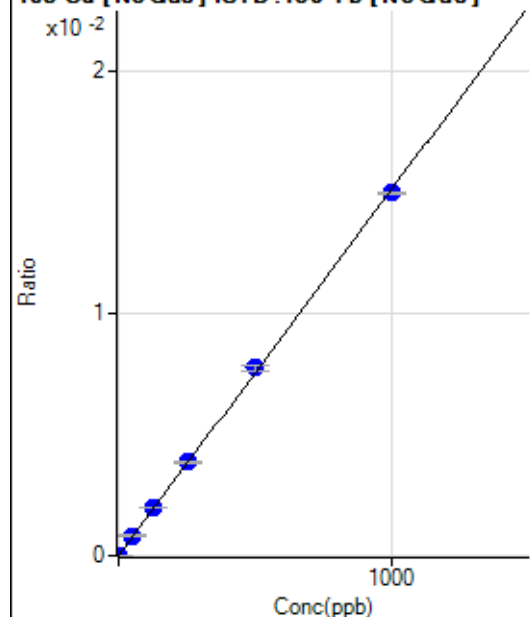
$$R = 0.9998$$

$$DL = 0.009366$$

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	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	1.107	45.83	0.0000	P	8.9
4	☐	50.000	53.611	2105.76	0.0008	P	5.6
5	☐	125.000	131.780	5191.33	0.0020	P	2.5
6	☐	250.000	255.323	10310.90	0.0039	P	3.3
7	☐	500.000	513.018	20907.39	0.0077	P	2.4
8	☐	1000.000	991.132	41809.11	0.0150	P	0.6
9	☐			23.61	0.0000	P	9.9

$$y = 1.5085\text{E-}005 * x + 9.3337\text{E-}007$$

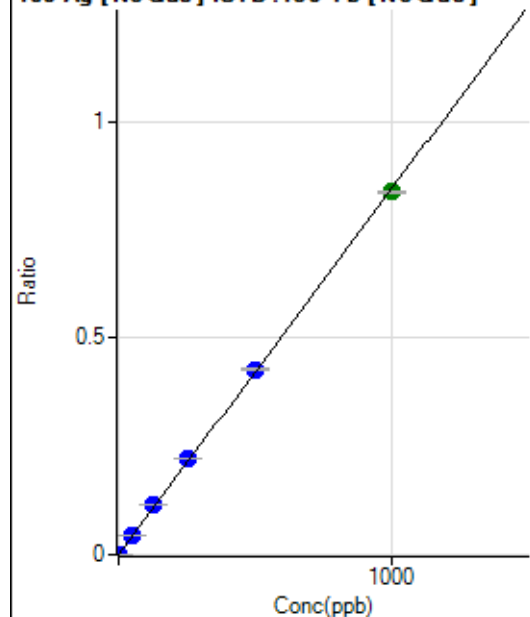
$$R = 0.9998$$

$$DL = 0.1608$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.1
2	☐	0.100					
3	☐	1.000	1.100	2436.42	0.0009	P	2.5
4	☐	50.000	54.742	120305.72	0.0463	P	0.5
5	☐	125.000	135.303	298384.60	0.1143	P	1.3
6	☐	250.000	262.238	592847.79	0.2216	P	1.1
7	☐	500.000	506.453	1155824.13	0.4279	P	1.5
8	☐	1000.000	992.189	2343832.43	0.8382	A	0.5
9	☐			305.57	0.0001	P	11.3

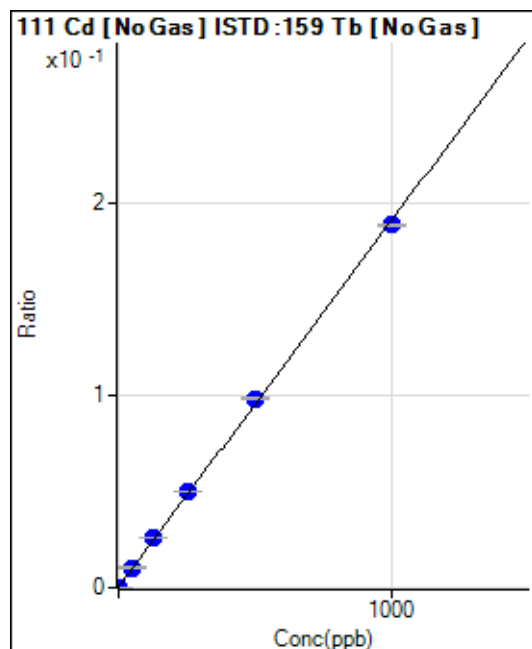
$$y = 8.4484\text{E-}004 * x + 7.4426\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02063$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	603.66	0.0002	P	19.4
2	☐	0.100					
3	☐	1.000	1.194	1116.31	0.0004	P	2.4
4	☐	50.000	53.988	27237.12	0.0105	P	1.1
5	☐	125.000	133.804	66963.52	0.0257	P	1.1
6	☐	250.000	262.559	134185.70	0.0501	P	0.8
7	☐	500.000	514.123	264742.50	0.0980	P	0.6
8	☐	1000.000	988.499	526321.82	0.1882	P	0.7
9	☐			690.74	0.0003	P	11.6

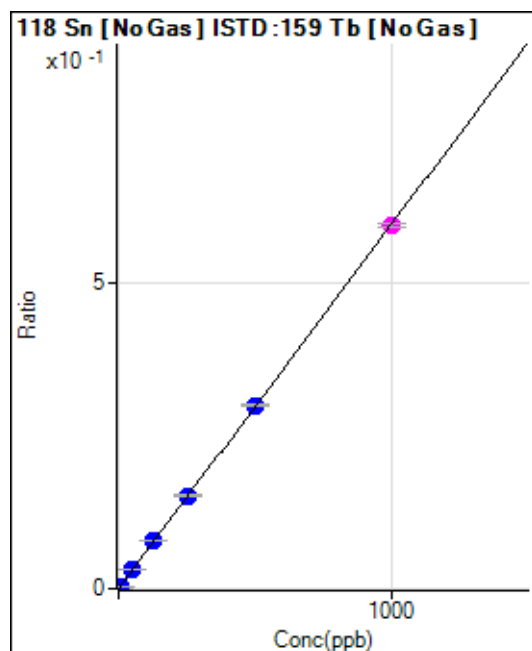
$$y = 1.9022\text{E-}004 * x + 2.0233\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.6184$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	31.5
2	☐	0.500					
3	☐	5.000	5.463	8516.79	0.0033	P	2.8
4	☐	50.000	53.101	82347.76	0.0317	P	2.1
5	☐	125.000	131.115	203966.68	0.0781	P	0.9
6	☐	250.000	255.822	407927.33	0.1524	P	1.0
7	☐	500.000	503.775	810867.89	0.3002	P	1.7
8	☐	1000.000	995.735	1659064.06	0.5933	M	1.2
9	☐			855.62	0.0003	P	12.3

$$y = 5.9582\text{E-}004 * x + 2.0479\text{E-}005$$

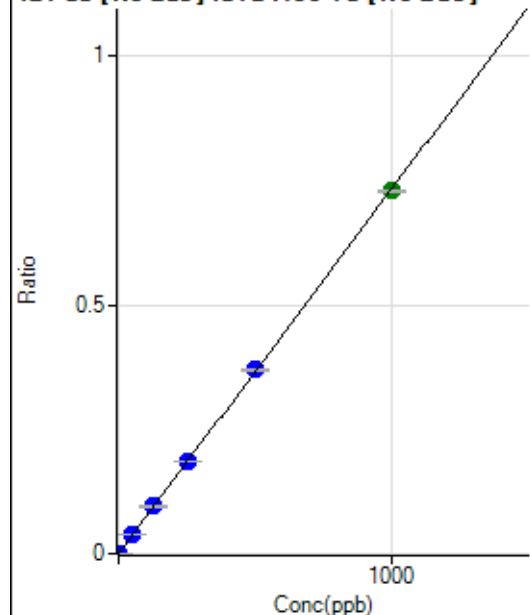
$$R = 1.0000$$

$$DL = 0.03244$$

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	30.55	0.0000	P	68.9
2	☐	0.200					
3	☐	2.000	1.971	3781.23	0.0015	P	5.8
4	☐	50.000	51.871	98891.66	0.0380	P	0.5
5	☐	125.000	129.344	247428.97	0.0948	P	0.8
6	☐	250.000	252.633	495402.24	0.1851	P	1.5
7	☐	500.000	506.232	1002159.40	0.3710	P	1.0
8	☐	1000.000	995.589	2040057.23	0.7296	A	0.3
9	☐			3056.03	0.0012	P	5.7

$$y = 7.3281\text{E-}004 * x + 1.0248\text{E-}005$$

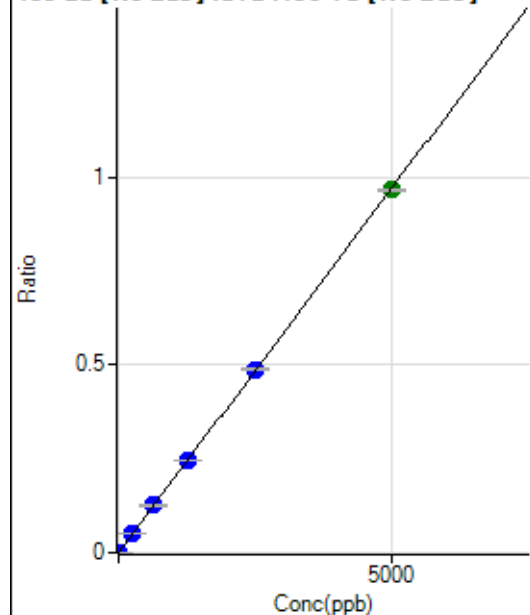
$$R = 1.0000$$

$$DL = 0.0289$$

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	8.33	0.0000	P	99.9
2	☐	1.000					
3	☐	10.000	10.561	5334.56	0.0021	P	1.1
4	☐	250.000	262.748	132597.49	0.0510	P	0.6
5	☐	625.000	648.883	328614.02	0.1259	P	0.6
6	☐	1250.000	1264.984	656745.78	0.2454	P	0.8
7	☐	2500.000	2520.930	1321290.22	0.4891	P	1.0
8	☐	5000.000	4982.165	2702793.03	0.9666	A	0.7
9	☐			594.48	0.0002	P	5.5

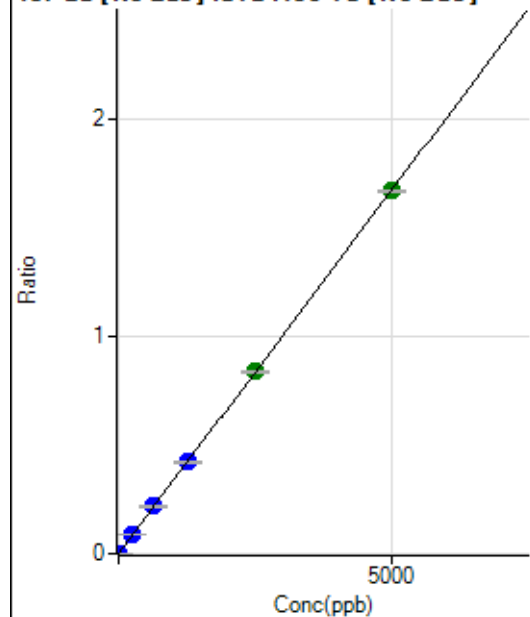
$$y = 1.9402\text{E-}004 * x + 2.7958\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.04317$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	10.482	9117.21	0.0035	P	4.3
4	☐	250.000	262.135	227967.87	0.0876	P	1.0
5	☐	625.000	648.941	566354.28	0.2170	P	1.4
6	☐	1250.000	1260.341	1127615.53	0.4214	P	1.1
7	☐	2500.000	2501.749	2259730.35	0.8365	A	0.5
8	☐	5000.000	4992.940	4667952.40	1.6694	A	0.4
9	☐			1011.19	0.0004	P	4.5

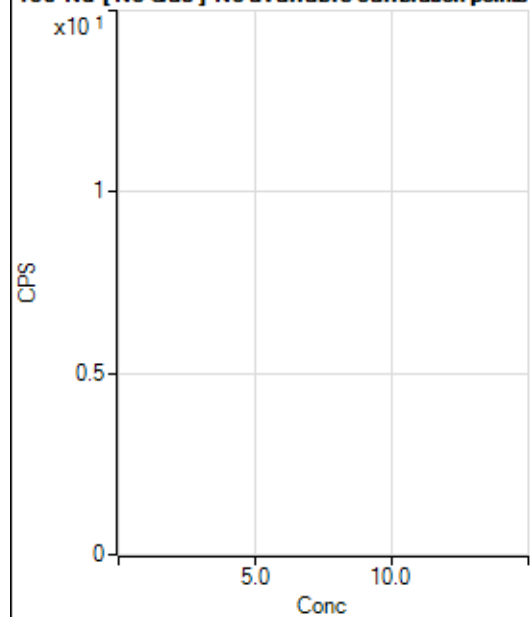
$$y = 3.3436E-004 * x + 1.8645E-006$$

$$R = 1.0000$$

$$DL = 0.01449$$

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	☐						
3	☐			0.00		P	
4	☐			6.67		P	100.
5	☐			22.22		P	75.5
6	☐			48.89		P	15.8
7	☐			80.00		P	16.7
8	☐			137.78		P	43.9
9	☐			48.89		P	43.8

150 Nd [He] No available calibration points

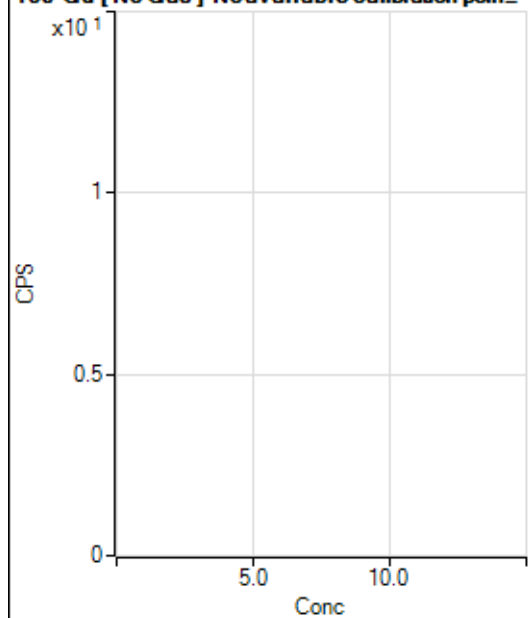
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	0.0
5	☐			1.11		P	173.
6	☐			4.44		P	43.4
7	☐			13.33		P	25.0
8	☐			21.11		P	18.2
9	☐			17.78		P	47.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			5.55		P	86.6
4	☐			2.78		P	173.
5	☐			5.56		P	173.
6	☐			5.56		P	173.
7	☐			22.22		P	43.3
8	☐			27.78		P	17.3
9	☐			27.78		P	62.5

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			4.45		P	86.6
6	☐			12.22		P	56.8
7	☐			36.67		P	9.1
8	☐			72.22		P	14.1
9	☐			17.78		P	71.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			13.89		P	34.7
4	☐			19.44		P	49.5
5	☐			5.56		P	173.
6	☐			27.78		P	62.5
7	☐			27.78		P	96.4
8	☐			27.78		P	62.5
9	☐			25.00		P	33.3

160 Gd [He] No available calibration points

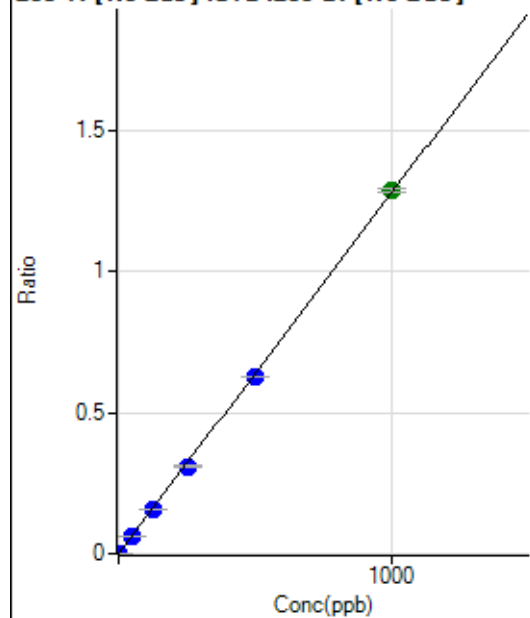
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	39.0
2	☐						
3	☐			53.33		P	33.1
4	☐			42.22		P	31.9
5	☐			48.89		P	31.5
6	☐			34.44		P	63.0
7	☐			43.33		P	26.6
8	☐			71.11		P	7.2
9	☐			41.11		P	30.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	21.6
2	☐						
3	☐			11.11		P	86.6
4	☐			13.89		P	34.7
5	☐			8.33		P	100.
6	☐			11.11		P	43.3
7	☐			16.67		P	86.6
8	☐			25.00		P	33.3
9	☐			11.11		P	43.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			2.22		P	86.6
4	☐			5.56		P	34.7
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			10.00		P	57.7
8	☐			5.56		P	91.6
9	☐			10.00		P	57.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.988	1908.55	0.0013	P	5.6
4	☐	50.000	48.931	91237.10	0.0626	P	1.6
5	☐	125.000	122.506	233720.85	0.1568	P	0.8
6	☐	250.000	242.346	467784.30	0.3101	P	0.5
7	☐	500.000	491.418	940086.03	0.6287	P	0.7
8	☐	1000.000	1006.570	1942092.06	1.2877	A	1.1
9	☐			916.74	0.0007	P	12.8

$$y = 0.0013 * x + 3.3415E-005$$

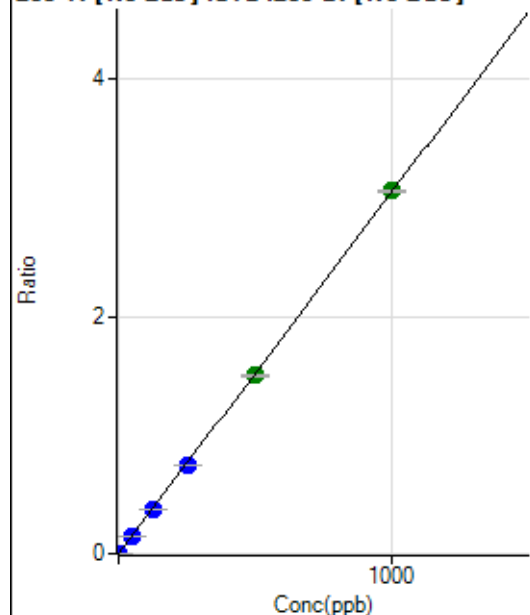
$$R = 0.9999$$

$$DL = 0.03405$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0001	P	52.2
2	☐	0.100					
3	☐	1.000	0.973	4470.40	0.0030	P	2.6
4	☐	50.000	49.503	219696.77	0.1508	P	0.3
5	☐	125.000	123.622	561359.30	0.3765	P	0.1
6	☐	250.000	245.192	1126449.53	0.7467	P	0.9
7	☐	500.000	493.514	2247064.83	1.5028	A	0.4
8	☐	1000.000	1004.642	4613816.08	3.0592	A	0.5
9	☐			1869.67	0.0014	P	9.0

$$y = 0.0030 * x + 7.6250E-005$$

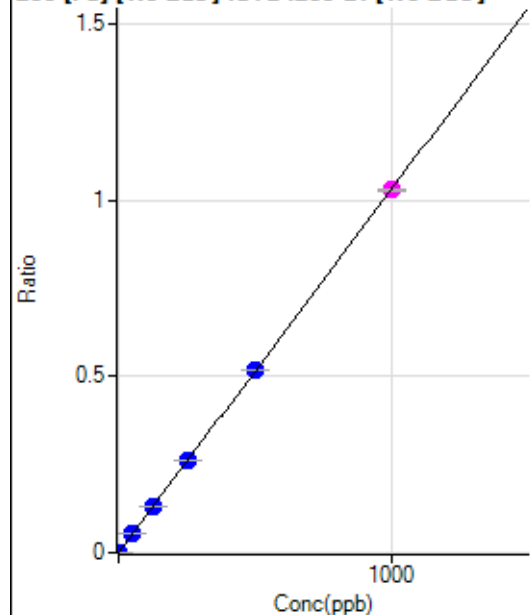
$$R = 1.0000$$

$$DL = 0.03919$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0001	P	24.8
2	☐	0.100					
3	☐	1.000	0.945	1579.76	0.0011	P	6.2
4	☐	50.000	51.081	76783.29	0.0527	P	0.9
5	☐	125.000	126.952	195093.67	0.1309	P	1.1
6	☐	250.000	252.924	393147.59	0.2606	P	0.3
7	☐	500.000	501.352	772212.69	0.5165	P	0.1
8	☐	1000.000	998.295	1550843.19	1.0283	M	0.5
9	☐			1546.44	0.0012	P	4.3

$$y = 0.0010 * x + 1.0029E-004$$

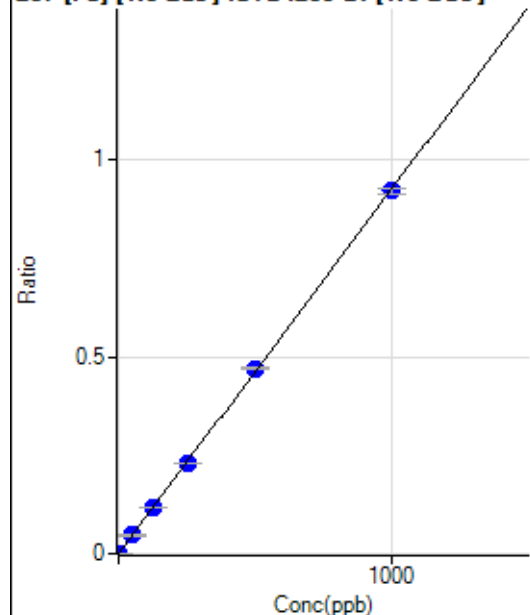
$$R = 1.0000$$

$$DL = 0.07246$$

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	150.01	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.950	1440.86	0.0010	P	4.9
4	☐	50.000	50.102	67677.88	0.0465	P	1.6
5	☐	125.000	124.496	171910.26	0.1153	P	0.4
6	☐	250.000	249.783	348852.10	0.2312	P	0.6
7	☐	500.000	508.759	704047.74	0.4709	P	0.6
8	☐	1000.000	995.732	1389673.11	0.9215	P	1.7
9	☐			1338.99	0.0010	P	10.8

$$y = 9.2533\text{E-}004 * x + 1.0048\text{E-}004$$

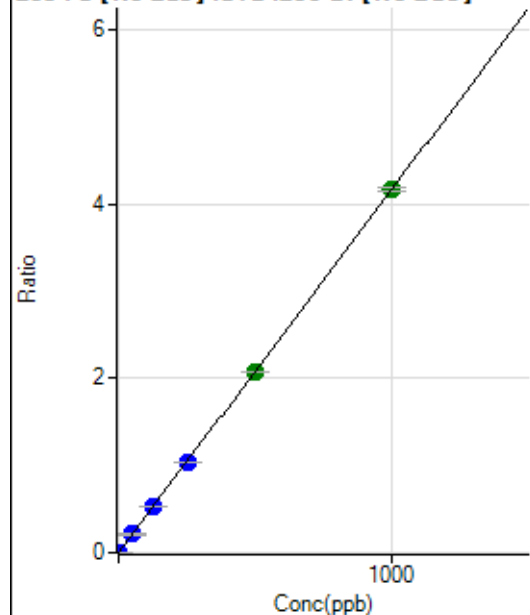
$$R = 0.9999$$

$$DL = 0.02485$$

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	685.22	0.0005	P	8.3
2	☐	0.100					
3	☐	1.000	0.961	6554.52	0.0045	P	2.7
4	☐	50.000	50.534	306961.96	0.2107	P	1.3
5	☐	125.000	125.254	777745.69	0.5216	P	0.4
6	☐	250.000	249.643	1567817.11	1.0392	P	0.4
7	☐	500.000	500.216	3112827.13	2.0818	A	0.1
8	☐	1000.000	999.923	6275530.43	4.1611	A	1.0
9	☐			6013.68	0.0045	P	3.8

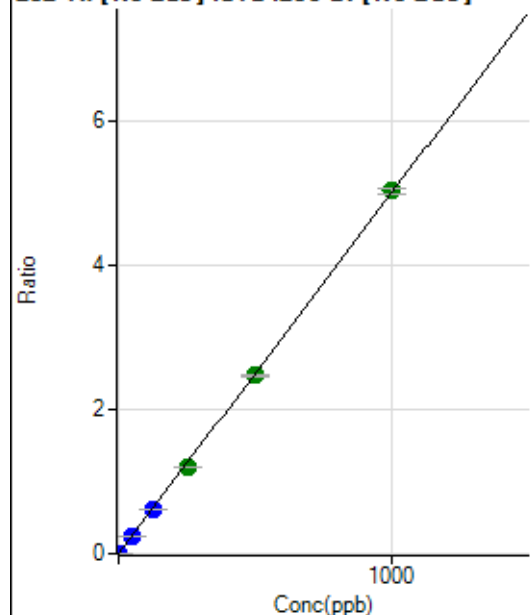
$$y = 0.0042 * x + 4.5872\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.02729$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.74	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	0.920	6809.39	0.0046	P	3.9
4	☐	50.000	48.443	352899.74	0.2423	P	1.1
5	☐	125.000	121.553	906271.03	0.6078	P	0.5
6	☐	250.000	239.373	1805832.56	1.1970	A	0.4
7	☐	500.000	494.027	3693658.88	2.4703	A	0.5
8	☐	1000.000	1006.152	7587078.87	5.0311	A	1.5
9	☐			1883.53	0.0014	P	2.6

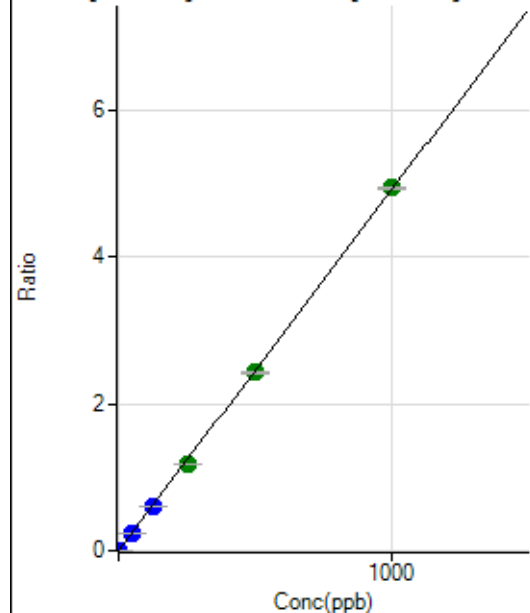
$$y = 0.0050 * x + 2.7295E-005$$

$$R = 0.9999$$

$$DL = 0.00347$$

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	5.56	0.0000	P	173.
2	☐	0.100					
3	☐	1.000	0.941	6796.56	0.0046	P	4.7
4	☐	50.000	48.613	347436.90	0.2385	P	1.3
5	☐	125.000	120.426	880940.33	0.5908	P	0.4
6	☐	250.000	240.553	1780553.69	1.1802	A	0.2
7	☐	500.000	493.603	3621104.98	2.4218	A	0.4
8	☐	1000.000	1006.201	7445227.42	4.9367	A	0.9
9	☐			1172.33	0.0009	P	8.9

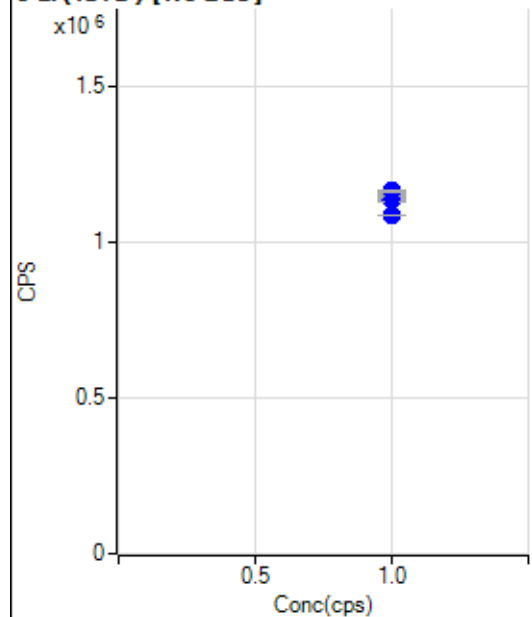
$$y = 0.0049 * x + 3.7516E-006$$

$$R = 0.9999$$

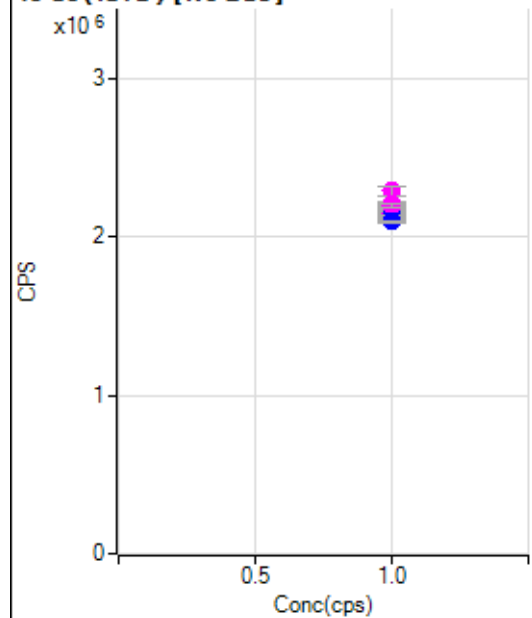
$$DL = 0.003973$$

Weight: <None>

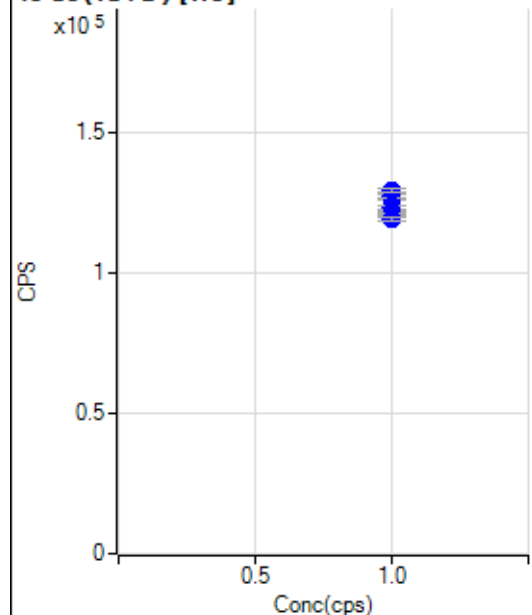
Min Conc: 0

6 Li (ISTD) [No Gas]

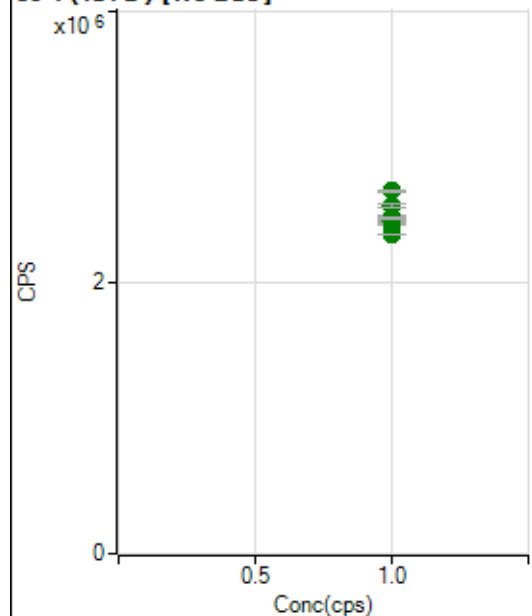
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1140972.47		P	0.9
2	☐	1.000					
3	☐	1.000		1137956.72		P	0.9
4	☐	1.000		1155267.08		P	0.4
5	☐	1.000		1151625.76		P	0.1
6	☐	1.000		1162387.94		P	0.7
7	☐	1.000		1152836.45		P	0.2
8	☐	1.000		1165836.53		P	0.7
9	☐	1.000		1086597.69		P	0.3

45 Sc (ISTD) [No Gas]

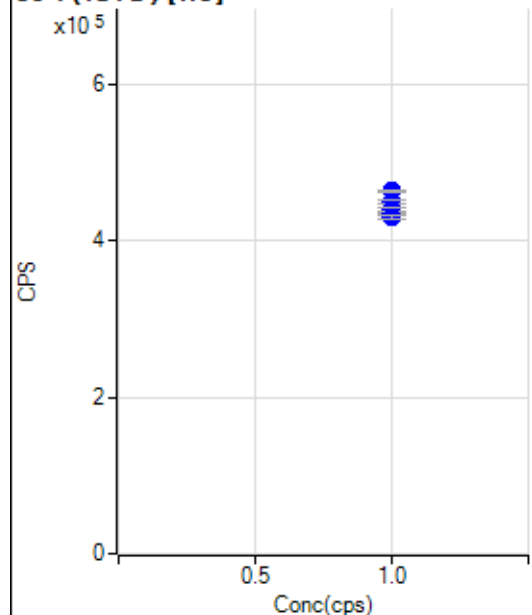
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2287276.05		M	2.4
2	☐	1.000					
3	☐	1.000		2204198.51		M	0.9
4	☐	1.000		2183019.04		M	0.7
5	☐	1.000		2127199.07		P	1.3
6	☐	1.000		2141962.51		M	1.9
7	☐	1.000		2129049.79		P	0.4
8	☐	1.000		2197224.79		M	1.4
9	☐	1.000		2092709.10		P	0.6

45 Sc (ISTD) [He]

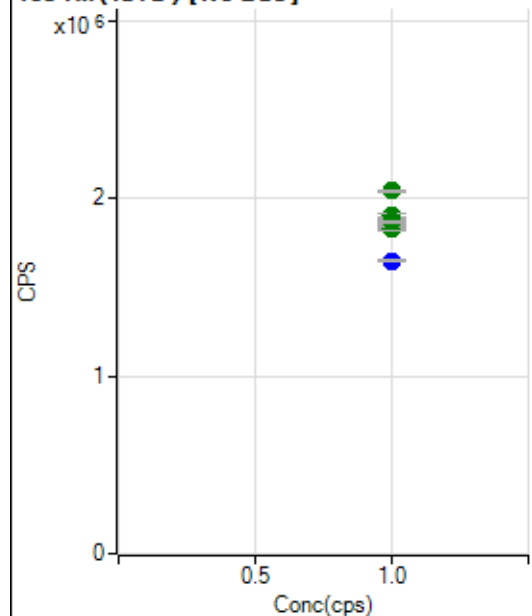
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		125904.93		P	0.2
2	☐	1.000					
3	☐	1.000		127439.22		P	1.2
4	☐	1.000		123187.11		P	1.2
5	☐	1.000		120634.06		P	0.4
6	☐	1.000		121641.21		P	0.4
7	☐	1.000		120581.17		P	0.6
8	☐	1.000		129145.90		P	1.1
9	☐	1.000		118991.11		P	1.3

89 Y (ISTD) [No Gas]

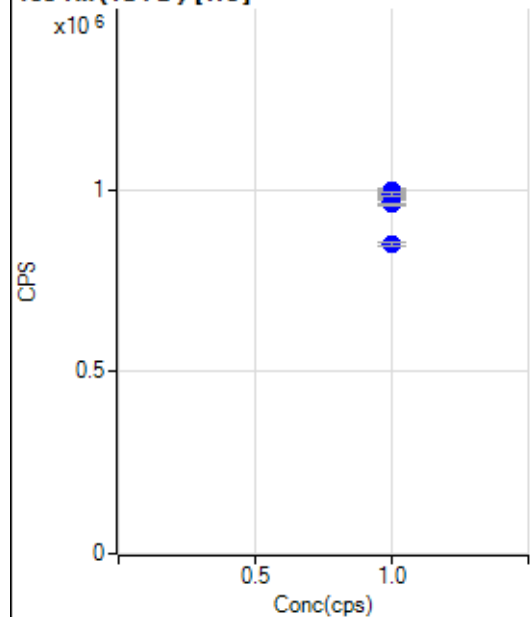
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2677426.25		A	0.4
2	☐	1.000					
3	☐	1.000		2488166.65		A	0.5
4	☐	1.000		2454055.66		A	0.3
5	☐	1.000		2430317.51		A	0.6
6	☐	1.000		2460377.95		A	1.8
7	☐	1.000		2474680.38		A	0.8
8	☐	1.000		2564241.75		A	1.0
9	☐	1.000		2356318.12		A	0.3

89 Y (ISTD) [He]

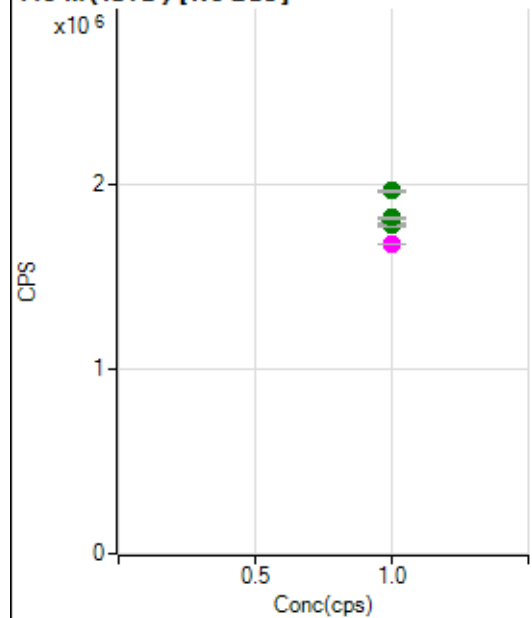
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		448736.59		P	1.0
2	☐	1.000					
3	☐	1.000		448327.44		P	1.1
4	☐	1.000		437862.88		P	1.8
5	☐	1.000		433930.55		P	0.4
6	☐	1.000		433564.40		P	1.2
7	☐	1.000		440109.08		P	0.9
8	☐	1.000		463205.39		P	0.7
9	☐	1.000		429490.14		P	1.2

103 Rh (ISTD) [No Gas]

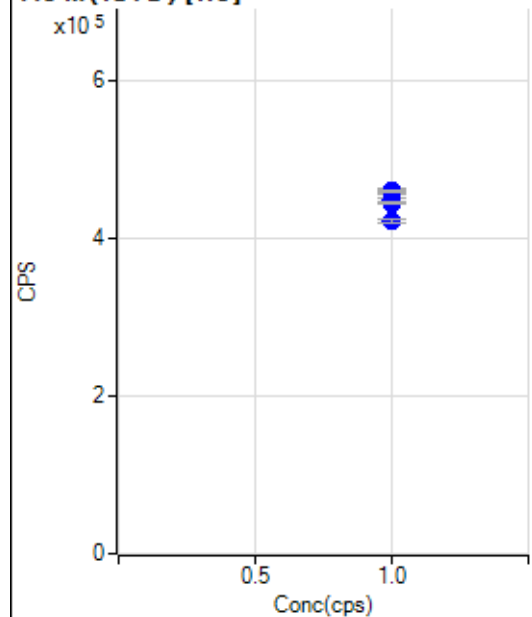
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2044721.25		A	0.9
2	☐	1.000					
3	☐	1.000		1906651.26		A	0.9
4	☐	1.000		1876520.05		A	1.2
5	☐	1.000		1848863.80		A	0.0
6	☐	1.000		1839219.90		A	1.4
7	☐	1.000		1832927.63		A	1.2
8	☐	1.000		1873502.32		A	0.5
9	☐	1.000		1648859.73		P	0.8

103 Rh (ISTD) [He]

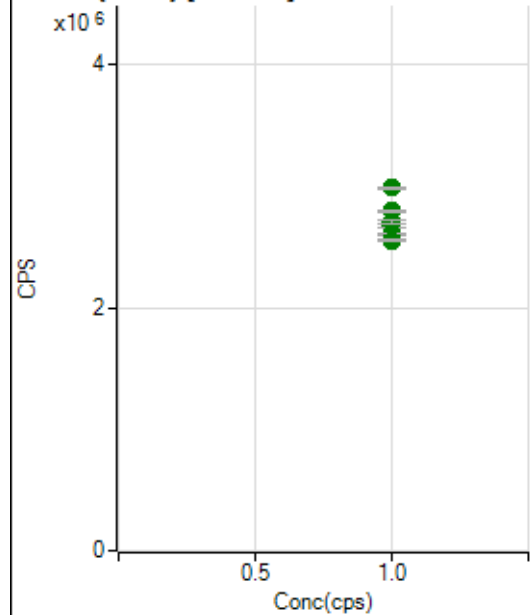
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		997920.83		P	1.3
2	☐	1.000					
3	☐	1.000		997541.98		P	0.4
4	☐	1.000		966125.25		P	1.3
5	☐	1.000		962454.27		P	0.3
6	☐	1.000		970183.81		P	1.8
7	☐	1.000		960156.41		P	1.0
8	☐	1.000		991184.84		P	1.0
9	☐	1.000		852317.88		P	1.5

115 In (ISTD) [No Gas]

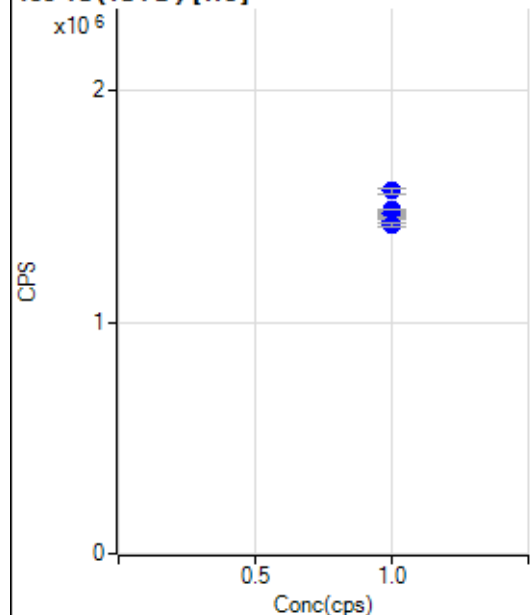
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1965361.16		A	0.3
2	☐	1.000					
3	☐	1.000		1818447.41		A	0.7
4	☐	1.000		1801243.10		A	0.9
5	☐	1.000		1781138.06		A	0.4
6	☐	1.000		1801258.76		A	1.6
7	☐	1.000		1778048.36		A	0.7
8	☐	1.000		1817792.63		A	0.7
9	☐	1.000		1676014.79		M	0.2

115 In (ISTD) [He]

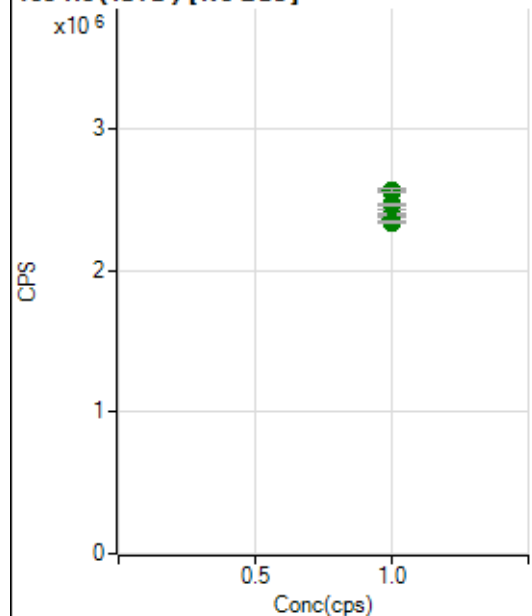
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		459814.57		P	1.2
2	☐	1.000					
3	☐	1.000		457904.93		P	0.6
4	☐	1.000		448521.63		P	1.1
5	☐	1.000		444310.62		P	0.6
6	☐	1.000		447221.56		P	1.3
7	☐	1.000		444934.34		P	0.6
8	☐	1.000		459114.71		P	0.6
9	☐	1.000		421194.20		P	1.0

159 Tb (ISTD) [No Gas]

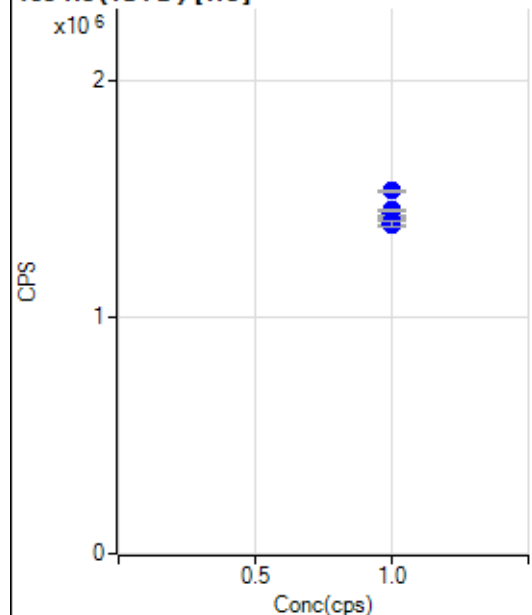
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2984070.27		A	0.4
2	☐	1.000					
3	☐	1.000		2599769.16		A	0.7
4	☐	1.000		2600924.91		A	0.4
5	☐	1.000		2610196.87		A	0.3
6	☐	1.000		2676013.43		A	1.0
7	☐	1.000		2701531.76		A	0.9
8	☐	1.000		2796165.51		A	0.7
9	☐	1.000		2552771.23		A	0.6

159 Tb (ISTD) [He]

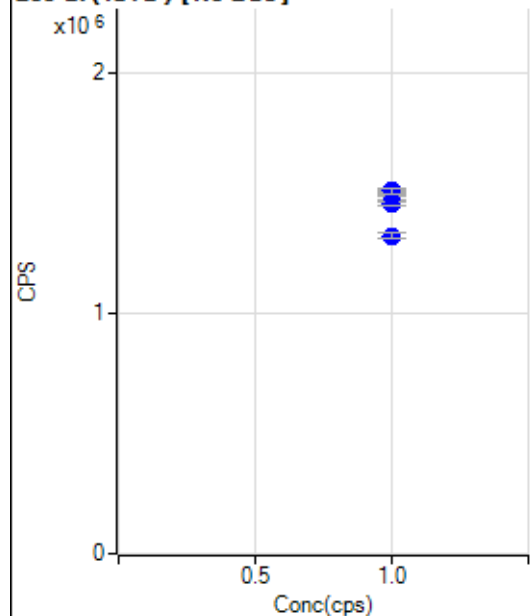
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1461865.15		P	0.6
2	☐	1.000					
3	☐	1.000		1449108.45		P	0.3
4	☐	1.000		1435699.70		P	0.9
5	☐	1.000		1448665.53		P	0.7
6	☐	1.000		1467829.88		P	1.7
7	☐	1.000		1485200.43		P	0.3
8	☐	1.000		1566013.38		P	1.3
9	☐	1.000		1420032.69		P	1.3

165 Ho (ISTD) [No Gas]

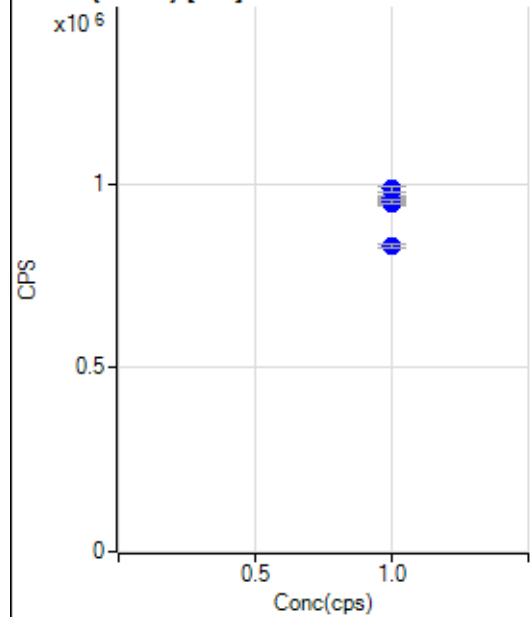
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2558253.85		A	0.5
2	☐	1.000					
3	☐	1.000		2382117.65		A	1.0
4	☐	1.000		2363733.15		A	0.9
5	☐	1.000		2395339.40		A	0.5
6	☐	1.000		2451078.68		A	1.7
7	☐	1.000		2464291.77		A	0.8
8	☐	1.000		2560706.83		A	1.0
9	☐	1.000		2340290.48		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1423399.84		P	1.1
2	☐	1.000					
3	☐	1.000		1416892.25		P	0.9
4	☐	1.000		1396231.40		P	0.7
5	☐	1.000		1422419.13		P	0.4
6	☐	1.000		1439249.88		P	1.3
7	☐	1.000		1449657.37		P	0.6
8	☐	1.000		1531897.74		P	0.7
9	☐	1.000		1390873.28		P	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1493107.46		P	1.3
2	☐	1.000					
3	☐	1.000		1470894.58		P	0.2
4	☐	1.000		1456793.99		P	1.0
5	☐	1.000		1490989.79		P	0.4
6	☐	1.000		1508668.69		M	0.6
7	☐	1.000		1495224.51		P	0.6
8	☐	1.000		1508260.99		P	1.6
9	☐	1.000		1322794.79		P	1.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		956394.15		P	0.5
2	☐	1.000					
3	☐	1.000		954199.52		P	0.6
4	☐	1.000		946951.62		P	1.4
5	☐	1.000		950259.53		P	0.7
6	☐	1.000		961791.51		P	0.9
7	☐	1.000		951572.98		P	0.9
8	☐	1.000		985672.28		P	1.7
9	☐	1.000		831149.96		P	1.6