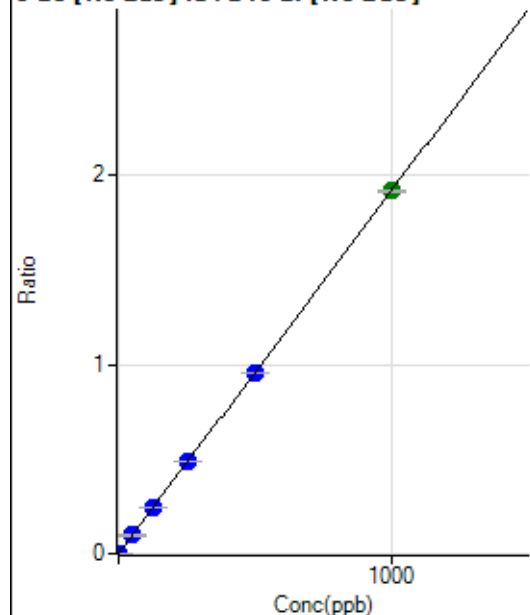


Batch Folder: D:\P8060117 MDL 1.b\
Analysis File: P8060117 MDL 1.batch.bin
DA Date-Time: 2017-06-01 17:48:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2017-06-01 14:22:57
2			
3	006CALS.d	S02	2017-06-01 14:30:04
4	007CALS.d	S03	2017-06-01 14:33:33
5	008CALS.d	S04	2017-06-01 14:37:00
6	009CALS.d	S05	2017-06-01 14:40:24
7	010CALS.d	S06	2017-06-01 14:43:41
8	011CALS.d	S07	2017-06-01 14:46:51
9	012CALS.d	S08	2017-06-01 14:49:57

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	35.8
2	☐	0.100					
3	☐	1.000	0.976	1231.57	0.0019	P	10.3
4	☐	50.000	50.587	62716.39	0.0972	P	1.4
5	☐	125.000	126.177	155221.13	0.2423	P	1.8
6	☐	250.000	253.650	312220.11	0.4870	P	0.7
7	☐	500.000	498.664	621534.18	0.9574	P	0.4
8	☐	1000.000	999.579	1261736.53	1.9191	A	0.4
9	☐			218.53	0.0003	P	14.3

$$y = 0.0019 * x + 4.1455E-005$$

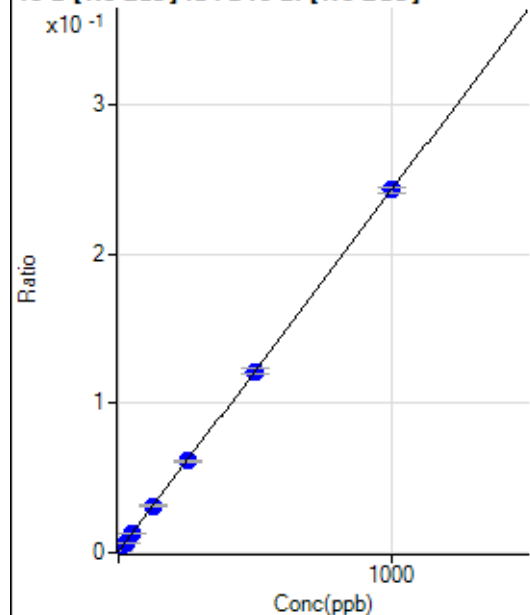
$$R = 1.0000$$

$$DL = 0.02319$$

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	580.59	0.0009	P	14.5
2	☐	2.500					
3	☐	25.000	23.088	4150.79	0.0065	P	3.2
4	☐	50.000	48.768	8183.27	0.0127	P	1.7
5	☐	125.000	126.263	20145.36	0.0314	P	2.2
6	☐	250.000	249.506	39291.00	0.0613	P	2.3
7	☐	500.000	499.111	79036.94	0.1217	P	2.3
8	☐	1000.000	1000.519	159860.11	0.2432	P	1.8
9	☐			5217.86	0.0083	P	10.1

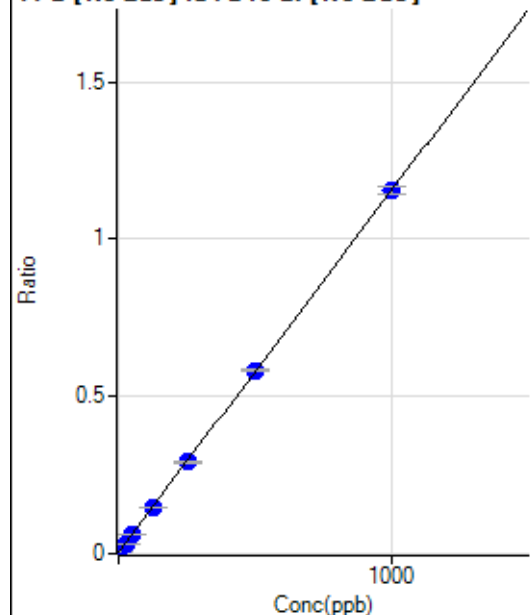
$$y = 2.4220E-004 * x + 8.6421E-004$$

$$R = 1.0000$$

$$DL = 1.547$$

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	3064.35	0.0046	P	3.1
2	☐	2.500					
3	☐	25.000	23.018	19942.47	0.0310	P	0.3
4	☐	50.000	49.713	39825.69	0.0617	P	2.9
5	☐	125.000	124.288	94450.50	0.1474	P	0.6
6	☐	250.000	249.799	187029.47	0.2917	P	1.7
7	☐	500.000	501.935	377521.77	0.5815	P	1.1
8	☐	1000.000	999.236	758051.84	1.1532	P	2.2
9	☐			24051.59	0.0382	P	5.5

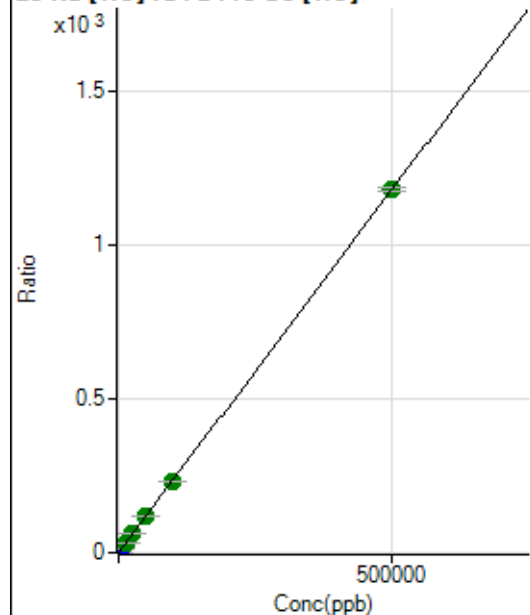
$$y = 0.0011 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 0.3699$$

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	5923.70	0.1111	P	1.7
2	☐	50.000					
3	☐	500.000	471.583	65205.88	1.2230	P	1.9
4	☐	5000.000	5072.140	647739.31	12.0702	P	0.9
5	☐	12500.000	13030.795	1655812.40	30.8353	A	1.3
6	☐	25000.000	25419.470	3255655.19	60.0454	A	1.2
7	☐	50000.000	49913.151	6334245.93	117.7969	A	0.5
8	☐	100000.00	97999.321	12476406.62	231.1750	A	0.2
9	☐	500000.00	500373.88	62835673.63	1,179.898	A	1.0

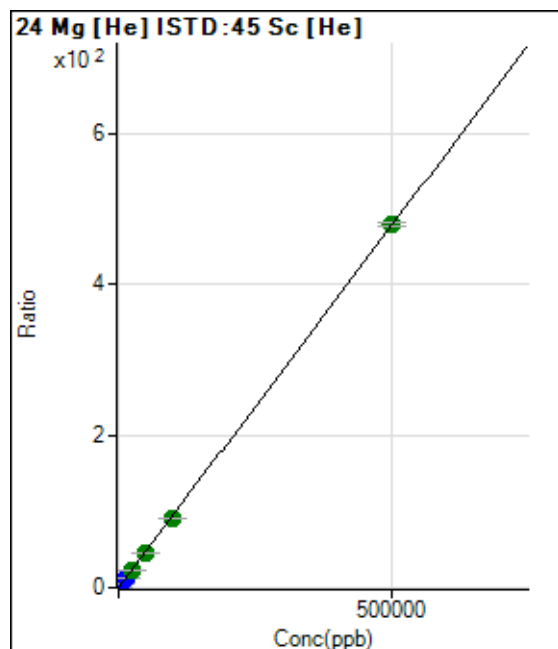
$$y = 0.0024 * x + 0.1111$$

$$R = 1.0000$$

$$DL = 2.44$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0022	P	28.8
2	☐	50.000					
3	☐	500.000	465.169	23806.90	0.4466	P	3.0
4	☐	5000.000	4999.275	256391.53	4.7780	P	1.7
5	☐	12500.000	12474.873	640053.69	11.9195	P	1.3
6	☐	25000.000	25091.487	1299771.14	23.9721	A	1.1
7	☐	50000.000	48963.141	2515291.66	46.7766	A	0.7
8	☐	100000.00	94862.706	4890949.33	90.6243	A	0.8
9	☐	500000.00	501127.24	25494417.23	478.7277	A	0.9

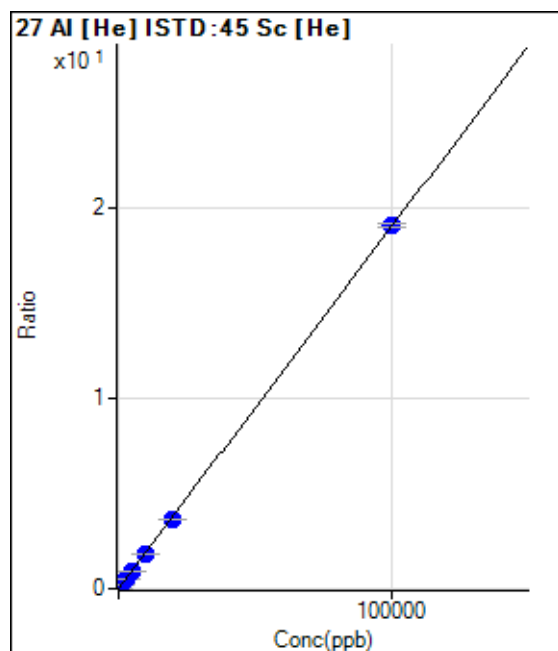
$$y = 9.5530\text{E-}004 * x + 0.0022$$

$$R = 0.9999$$

$$DL = 2.026$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0013	P	38.2
2	☐	2.000					
3	☐	20.000	21.166	283.35	0.0053	P	19.0
4	☐	1000.000	1003.078	10281.92	0.1916	P	3.6
5	☐	2500.000	2434.038	24872.73	0.4632	P	2.4
6	☐	5000.000	4853.850	50002.99	0.9223	P	2.0
7	☐	10000.000	9550.064	97511.60	1.8134	P	0.3
8	☐	20000.000	18876.571	193381.01	3.5831	P	0.1
9	☐	100000.00	100278.60	1013396.71	19.0290	P	1.2

$$y = 1.8975\text{E-}004 * x + 0.0013$$

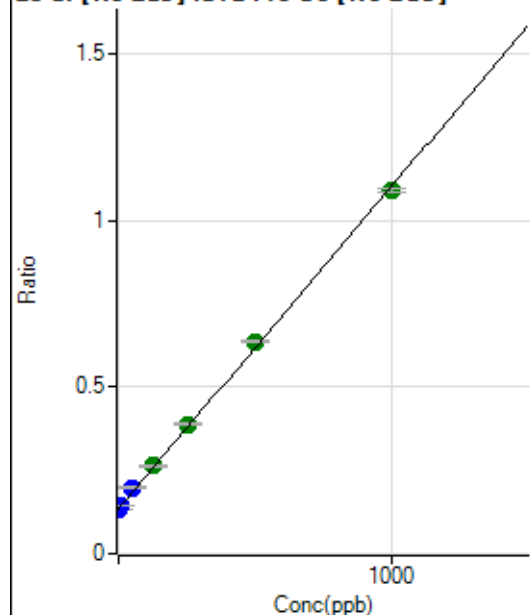
$$R = 0.9999$$

$$DL = 7.869$$

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	554509.30	0.1347	P	0.9
2	☐	1.000					
3	☐	10.000	10.263	588944.41	0.1446	P	0.6
4	☐	50.000	66.163	809188.01	0.1988	P	0.5
5	☐	125.000	133.491	1072404.30	0.2639	A	1.8
6	☐	250.000	261.968	1605031.91	0.3883	A	0.8
7	☐	500.000	518.404	2628035.26	0.6365	A	0.8
8	☐	1000.000	985.934	4492536.08	1.0891	A	0.9
9	☐			658340.33	0.1651	P	0.6

$$y = 9.6800\text{E-}004 * x + 0.1347$$

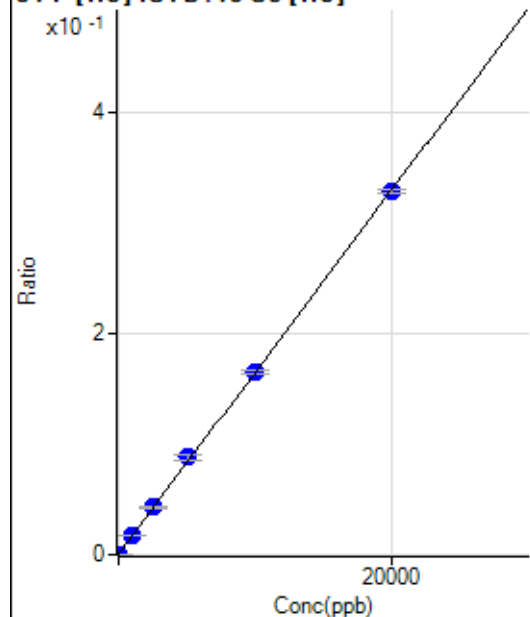
$$R = 0.9996$$

$$DL = 3.591$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	14.288	36.11	0.0007	P	35.9
2	☐	0.000					
3	☐	0.000	-14.288	11.11	0.0002	P	41.4
4	☐	1000.000	1031.411	936.18	0.0174	P	5.3
5	☐	2500.000	2575.047	2303.08	0.0429	P	2.2
6	☐	5000.000	5327.846	4787.14	0.0882	P	4.8
7	☐	10000.000	9989.685	8875.42	0.1651	P	1.8
8	☐	20000.000	19912.245	17731.28	0.3286	P	1.1
9	☐			13.89	0.0003	P	68.0

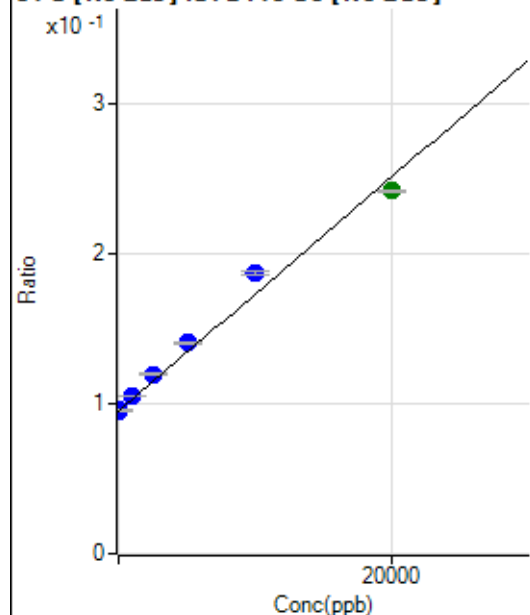
$$y = 1.6478\text{E-}005 * x + 4.4278\text{E-}004$$

$$R = 0.9998$$

$$DL = 29.98$$

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	-73.496	389483.64	0.0946	P	0.2
2	☐	0.000					
3	☐	0.000	73.496	389928.66	0.0958	P	0.8
4	☐	1000.000	1256.257	427456.77	0.1050	P	0.7
5	☐	2500.000	3098.915	485024.96	0.1194	P	1.1
6	☐	5000.000	5831.694	581487.79	0.1407	P	0.5
7	☐	10000.000	11809.301	773310.21	0.1873	P	1.1
8	☐	20000.000	18799.749	997597.34	0.2418	A	0.3
9	☐			400942.75	0.1006	P	0.5

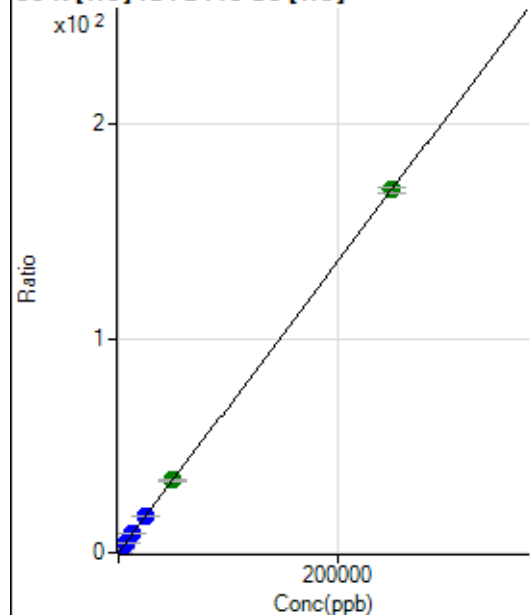
$$y = 7.7994\text{E-}006 * x + 0.0952$$

$$R = 0.9923$$

$$DL = 183.6$$

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	5254.03	0.0985	P	4.8
2	☐	50.000					
3	☐	500.000	472.043	22271.20	0.4178	P	2.5
4	☐	2500.000	2535.492	97313.49	1.8134	P	0.8
5	☐	6250.000	6431.994	238876.52	4.4488	P	2.0
6	☐	12500.000	12635.595	468704.06	8.6446	P	1.2
7	☐	25000.000	24920.053	911613.58	16.9532	P	0.5
8	☐	50000.000	49619.503	1816531.57	33.6586	A	0.4
9	☐	250000.00	250072.46	9012601.68	169.2347	A	1.5

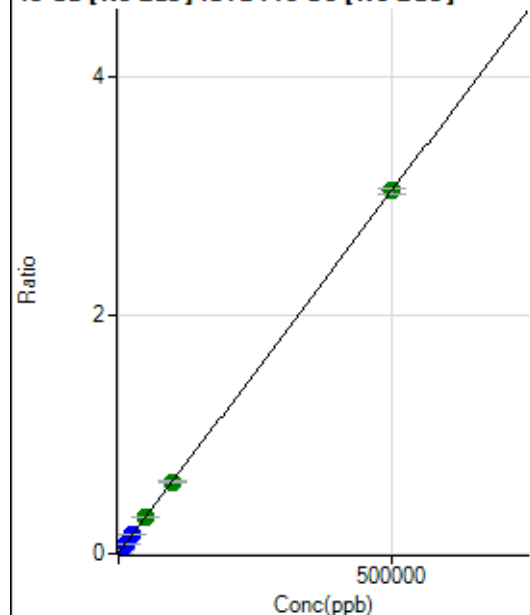
$$y = 6.7635\text{E-}004 * x + 0.0985$$

$$R = 1.0000$$

$$DL = 20.81$$

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	12414.37	0.0030	P	3.3
2	☐	50.000					
3	☐	500.000	452.123	23473.19	0.0058	P	1.1
4	☐	5000.000	4989.820	135804.37	0.0334	P	0.6
5	☐	12500.000	12437.018	319546.11	0.0786	P	1.0
6	☐	25000.000	24838.490	636755.40	0.1541	P	0.6
7	☐	50000.000	49844.895	1263802.18	0.3061	A	1.3
8	☐	100000.00	98581.766	2485155.05	0.6025	A	1.0
9	☐	500000.00	500308.95	12142686.56	3.0453	A	1.3

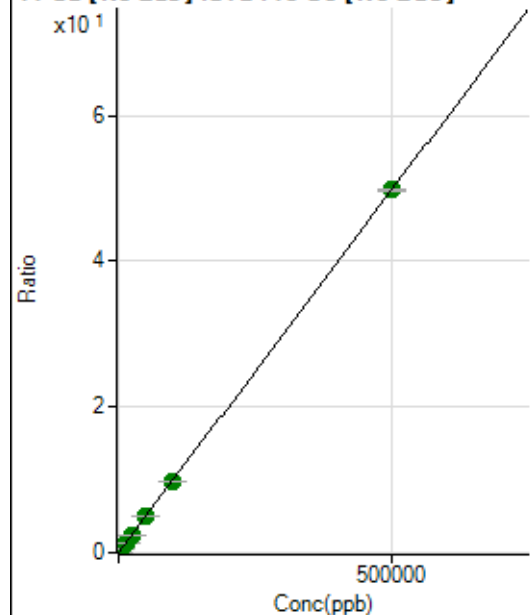
$$y = 6.0807E-006 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 48.53$$

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	102564.56	0.0249	P	1.4
2	☐	50.000					
3	☐	500.000	458.993	287301.53	0.0706	P	0.4
4	☐	5000.000	5125.749	2176638.26	0.5346	A	0.1
5	☐	12500.000	12313.672	5076855.93	1.2494	A	1.1
6	☐	25000.000	24483.631	10166878.70	2.4597	A	0.5
7	☐	50000.000	49260.795	20328011.91	4.9236	A	1.1
8	☐	100000.00	97792.057	40217551.94	9.7498	A	1.2
9	☐	500000.00	500544.76	198583912.7	49.8014	A	0.7

$$y = 9.9445E-005 * x + 0.0249$$

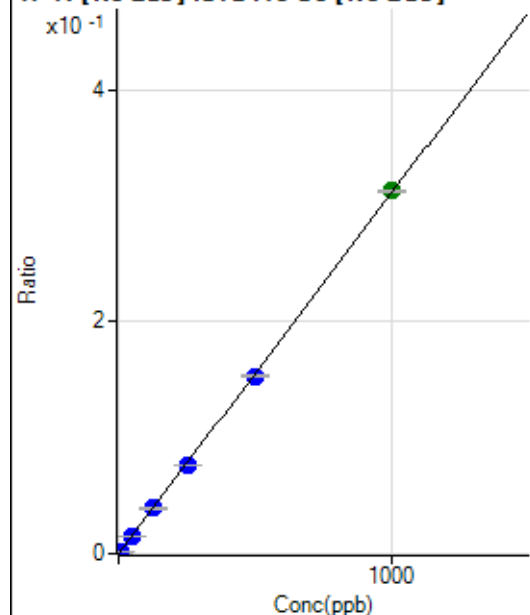
$$R = 1.0000$$

$$DL = 10.36$$

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	258.35	0.0001	P	17.1
2	☐	0.500					
3	☐	5.000	4.628	6115.51	0.0015	P	6.5
4	☐	50.000	49.578	63037.22	0.0155	P	0.7
5	☐	125.000	125.166	158445.57	0.0390	P	1.4
6	☐	250.000	244.973	315212.67	0.0763	P	0.5
7	☐	500.000	491.722	631738.67	0.1530	P	0.5
8	☐	1000.000	1005.398	1290316.51	0.3128	A	0.6
9	☐			2024.77	0.0005	P	69.9

$$y = 3.1104\text{E-}004 * x + 6.2791\text{E-}005$$

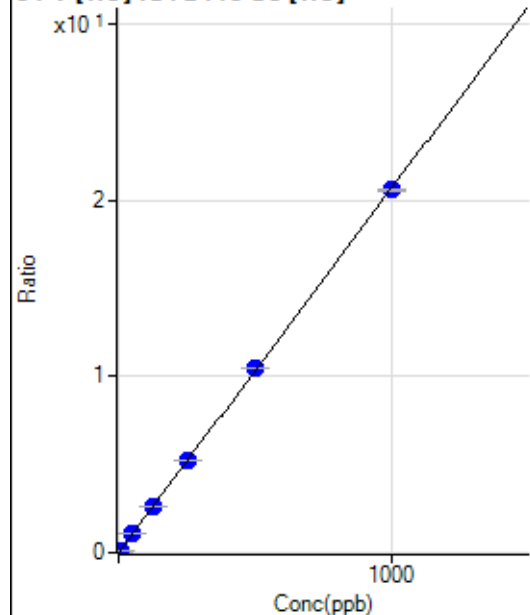
$$R = 0.9999$$

$$DL = 0.1038$$

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	15.56	0.0003	P	12.7
2	☐	0.500					
3	☐	5.000	4.754	5261.06	0.0987	P	3.9
4	☐	50.000	51.120	56803.56	1.0585	P	1.7
5	☐	125.000	126.937	141124.32	2.6280	P	1.1
6	☐	250.000	253.380	284398.74	5.2455	P	1.5
7	☐	500.000	505.978	563242.18	10.4745	P	0.1
8	☐	1000.000	995.869	1112603.68	20.6157	P	0.7
9	☐			536.69	0.0101	P	7.1

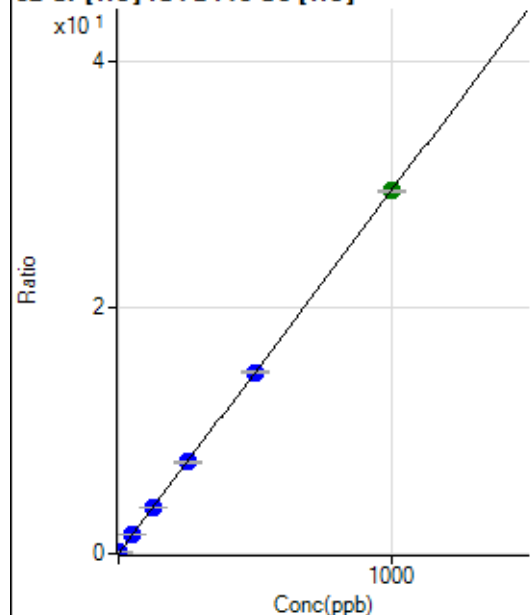
$$y = 0.0207 * x + 2.9182\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.005367$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	961.17	0.0180	P	1.1
2	☐	0.200					
3	☐	2.000	2.120	4289.62	0.0805	P	3.1
4	☐	50.000	51.087	81725.74	1.5229	P	0.9
5	☐	125.000	127.405	202507.53	3.7711	P	1.1
6	☐	250.000	252.091	403598.26	7.4440	P	1.5
7	☐	500.000	499.217	791735.05	14.7238	P	0.5
8	☐	1000.000	999.513	1589973.53	29.4614	A	0.9
9	☐			41606.36	0.7813	P	1.6

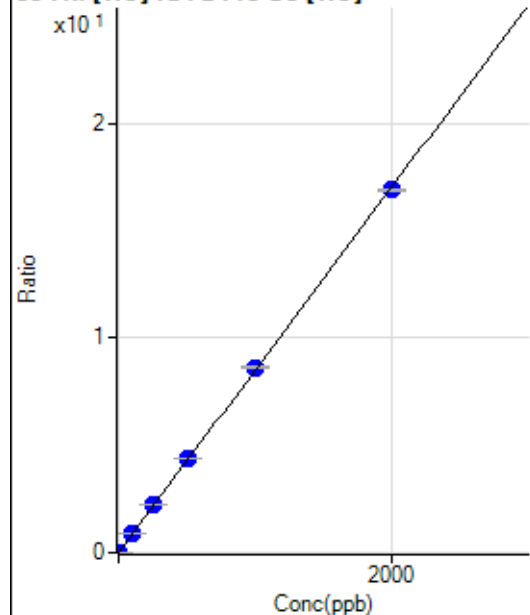
$$y = 0.0295 * x + 0.0180$$

$$R = 1.0000$$

$$DL = 0.01982$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	82.23	0.0015	P	28.3
2	☐	0.100					
3	☐	1.000	0.994	532.24	0.0100	P	9.3
4	☐	100.000	103.360	47234.19	0.8801	P	0.8
5	☐	250.000	260.649	119055.60	2.2171	P	1.4
6	☐	500.000	516.154	237965.78	4.3890	P	1.3
7	☐	1000.000	1014.955	463999.84	8.6289	P	0.4
8	☐	2000.000	1986.985	911604.80	16.8915	P	0.6
9	☐			3519.40	0.0661	P	5.3

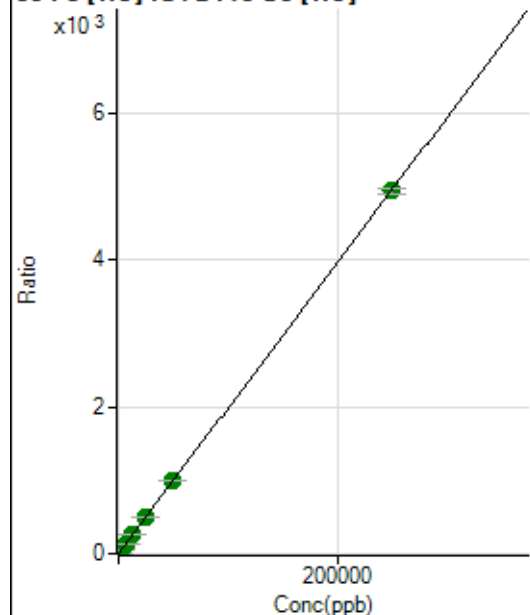
$$y = 0.0085 * x + 0.0015$$

$$R = 0.9999$$

$$DL = 0.1536$$

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	3546.85	0.0665	P	5.6
2	☐	5.000					
3	☐	50.000	48.727	54949.53	1.0308	P	2.6
4	☐	2500.000	2685.319	2855410.10	53.2078	A	0.4
5	☐	6250.000	6566.833	6982508.72	130.0212	A	0.6
6	☐	12500.000	12974.631	13923915.59	256.8286	A	2.0
7	☐	25000.000	25683.316	27334084.41	508.3277	A	0.2
8	☐	50000.000	50313.113	53737665.55	995.7403	A	0.8
9	☐	250000.00	249835.54	263291822.5	4,944.198	A	1.5

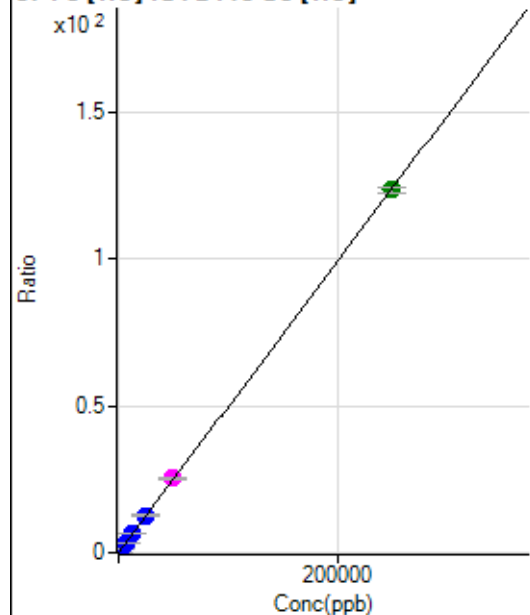
$$y = 0.0198 * x + 0.0665$$

$$R = 1.0000$$

$$DL = 0.5625$$

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	118.52	0.0022	P	29.3
2	☐	5.000					
3	☐	50.000	49.784	1429.75	0.0268	P	5.7
4	☐	2500.000	2646.909	70305.13	1.3102	P	2.0
5	☐	6250.000	6551.446	173968.15	3.2396	P	0.9
6	☐	12500.000	13035.571	349373.63	6.4437	P	1.2
7	☐	25000.000	25785.574	685276.43	12.7440	P	0.2
8	☐	50000.000	51277.847	1367638.84	25.3408	M	1.4
9	☐	250000.00	249630.08	6568969.59	123.3552	A	1.5

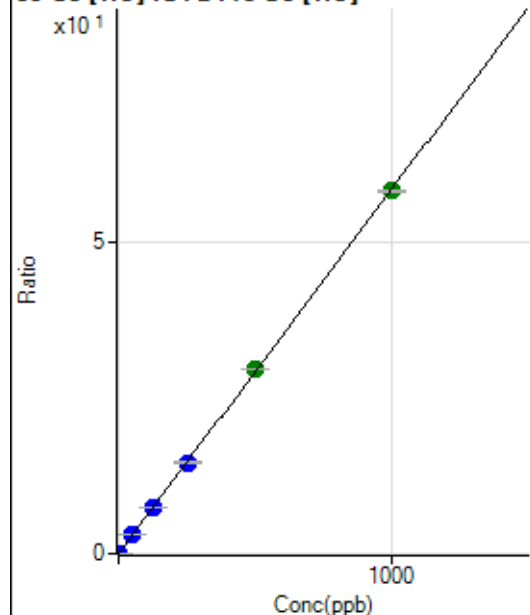
$$y = 4.9414E-004 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 3.959$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0017	P	18.7
2	☐	0.100					
3	☐	1.000	0.953	3061.50	0.0574	P	4.4
4	☐	50.000	50.811	159494.77	2.9721	P	0.8
5	☐	125.000	126.211	396295.50	7.3799	P	1.2
6	☐	250.000	249.973	792341.52	14.6150	P	2.1
7	☐	500.000	507.082	1594109.60	29.6454	A	0.7
8	☐	1000.000	996.274	3143347.35	58.2433	A	0.5
9	☐			4466.35	0.0839	P	1.7

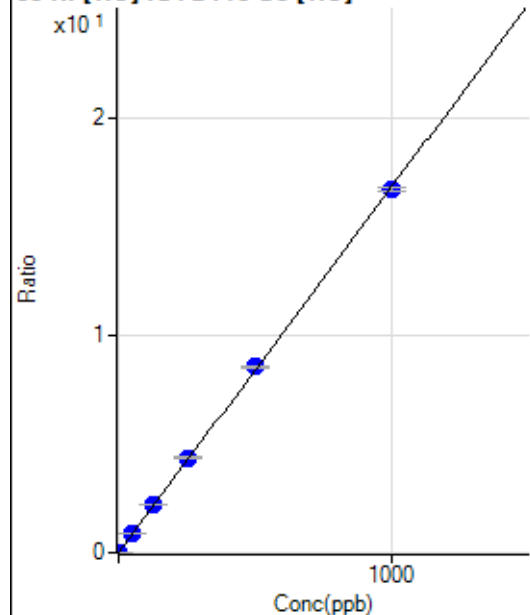
$$y = 0.0585 * x + 0.0017$$

$$R = 1.0000$$

$$DL = 0.01656$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	45.56	0.0009	P	11.7
2	☐	0.100					
3	☐	1.000	1.061	994.50	0.0187	P	4.7
4	☐	50.000	52.598	47420.60	0.8837	P	1.4
5	☐	125.000	130.523	117688.65	2.1916	P	1.1
6	☐	250.000	258.558	235337.37	4.3406	P	1.7
7	☐	500.000	509.085	459515.08	8.5455	P	0.8
8	☐	1000.000	992.497	899056.92	16.6593	P	1.0
9	☐			13998.34	0.2629	P	2.4

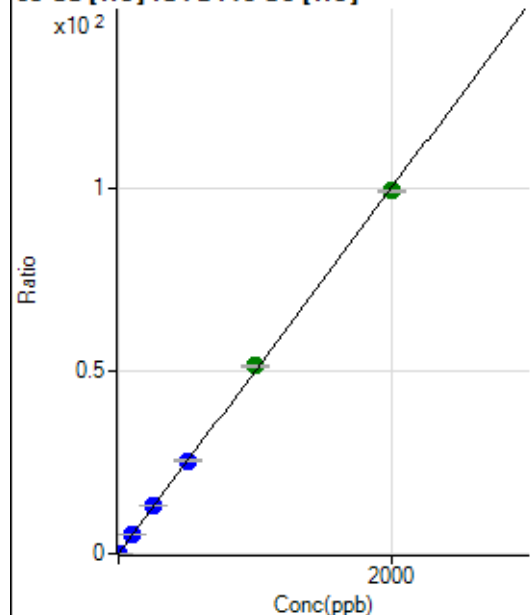
$$y = 0.0168 * x + 8.5466E-004$$

$$R = 0.9999$$

$$DL = 0.01782$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1763.48	0.0331	P	3.2
2	☐	0.200					
3	☐	2.000	2.309	7927.94	0.1487	P	2.4
4	☐	100.000	103.493	279847.35	5.2149	P	0.8
5	☐	250.000	259.294	698977.70	13.0157	P	0.5
6	☐	500.000	508.926	1383306.97	25.5145	P	1.8
7	☐	1000.000	1026.104	2764402.49	51.4091	A	0.5
8	☐	2000.000	1983.380	5361243.95	99.3390	A	0.3
9	☐			11234.70	0.2110	P	4.3

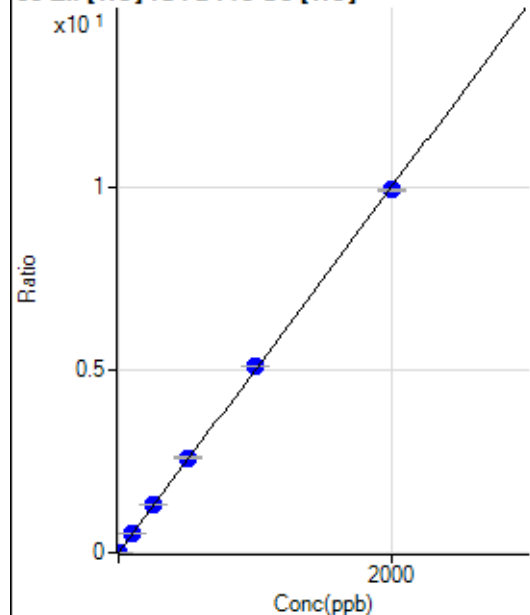
$$y = 0.0501 * x + 0.0331$$

$$R = 0.9999$$

$$DL = 0.06277$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0010	P	12.9
2	☐	0.200					
3	☐	2.000	2.044	597.80	0.0112	P	2.4
4	☐	100.000	105.540	28416.99	0.5296	P	2.0
5	☐	250.000	262.779	70729.28	1.3171	P	1.0
6	☐	500.000	516.182	140215.44	2.5863	P	1.9
7	☐	1000.000	1018.196	274273.33	5.1006	P	0.2
8	☐	2000.000	1984.982	536593.20	9.9428	P	0.7
9	☐			3001.48	0.0564	P	2.7

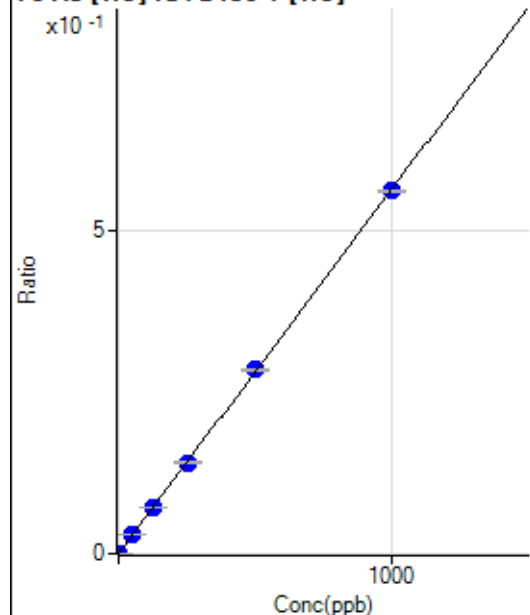
$$y = 0.0050 * x + 9.7901E-004$$

$$R = 0.9999$$

$$DL = 0.07543$$

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	5.56	0.0000	P	33.5
2	☐	0.100					
3	☐	1.000	0.962	191.98	0.0006	P	3.6
4	☐	50.000	50.663	9988.26	0.0286	P	0.7
5	☐	125.000	126.309	24899.63	0.0712	P	0.7
6	☐	250.000	250.885	50076.68	0.1413	P	0.8
7	☐	500.000	505.986	98926.63	0.2850	P	0.9
8	☐	1000.000	996.589	194764.30	0.5614	P	0.6
9	☐			104.32	0.0003	P	6.0

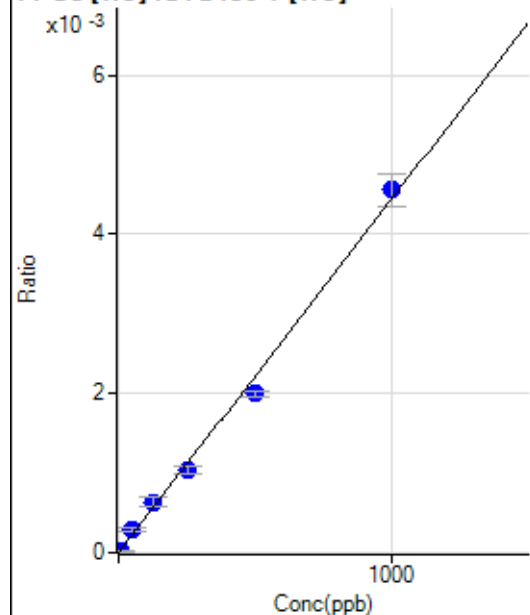
$$y = 5.6331\text{E-}004 * x + 1.6040\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02863$$

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	5.095	7.78	0.0000	P	99.2
4	☐	50.000	64.435	100.00	0.0003	P	18.2
5	☐	125.000	142.996	222.23	0.0006	P	17.0
6	☐	250.000	233.821	367.79	0.0010	P	9.3
7	☐	500.000	449.240	692.26	0.0020	P	4.6
8	☐	1000.000	1026.453	1581.23	0.0046	P	9.3
9	☐			0.00	0.0000	P	

$$y = 4.4396\text{E-}006 * x + 0.0000\text{E+}000$$

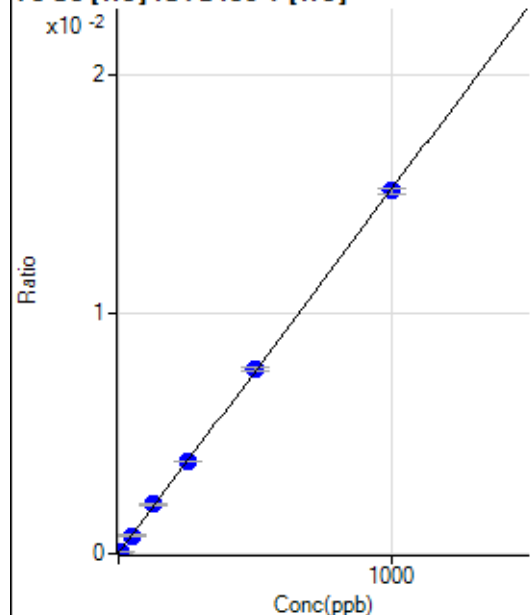
$$R = 0.9975$$

$$DL = 0$$

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	6.17	0.0000	P	35.0
2	☐	0.500					
3	☐	5.000	4.846	31.48	0.0001	P	29.3
4	☐	50.000	47.629	259.26	0.0007	P	13.0
5	☐	125.000	134.802	722.87	0.0021	P	2.5
6	☐	250.000	254.418	1376.01	0.0039	P	0.4
7	☐	500.000	504.794	2668.19	0.0077	P	1.9
8	☐	1000.000	995.393	5253.52	0.0151	P	1.6
9	☐			9.88	0.0000	P	10.7

$$y = 1.5195\text{E-}005 * x + 1.7829\text{E-}005$$

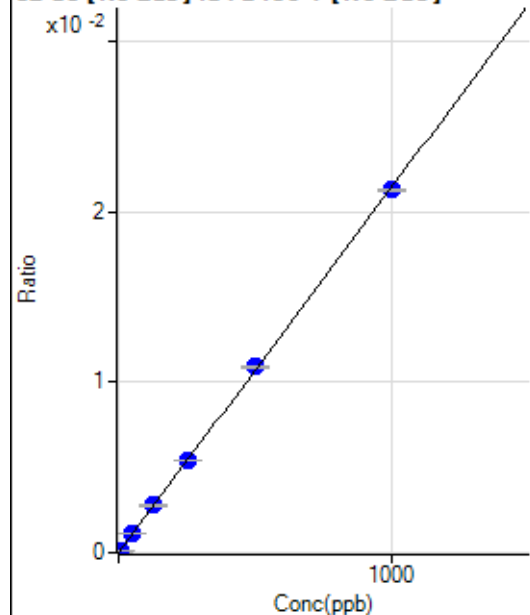
$$R = 0.9999$$

$$DL = 1.232$$

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	-216.68	0.0000	P	-28.2
2	☐	0.500					
3	☐	5.000	5.961	582.74	0.0001	P	16.2
4	☐	50.000	52.270	6781.89	0.0011	P	2.9
5	☐	125.000	130.707	17260.55	0.0028	P	2.8
6	☐	250.000	253.821	34535.47	0.0054	P	0.6
7	☐	500.000	508.643	69283.56	0.0109	P	0.5
8	☐	1000.000	993.891	138281.54	0.0213	P	0.3
9	☐			-40.44	0.0000	P	-411.

$$y = 2.1459\text{E-}005 * x - 3.4275\text{E-}005$$

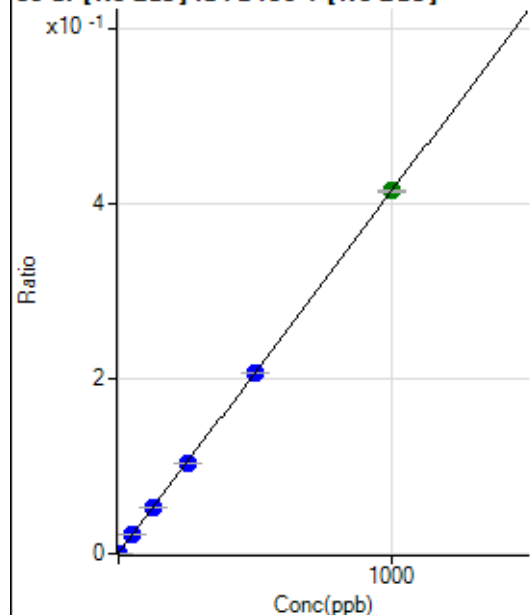
$$R = 0.9999$$

$$DL = 1.35$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2730.94	0.0004	P	4.0
2	☐	0.100					
3	☐	1.000	0.970	5179.02	0.0008	P	6.6
4	☐	50.000	50.494	132841.31	0.0213	P	1.3
5	☐	125.000	125.408	325629.87	0.0523	P	1.3
6	☐	250.000	246.735	653379.66	0.1024	P	0.2
7	☐	500.000	498.807	1315388.03	0.2066	P	0.7
8	☐	1000.000	1001.337	2690264.67	0.4143	A	0.4
9	☐			88176.79	0.0143	P	0.3

$$y = 4.1328\text{E-}004 * x + 4.3143\text{E-}004$$

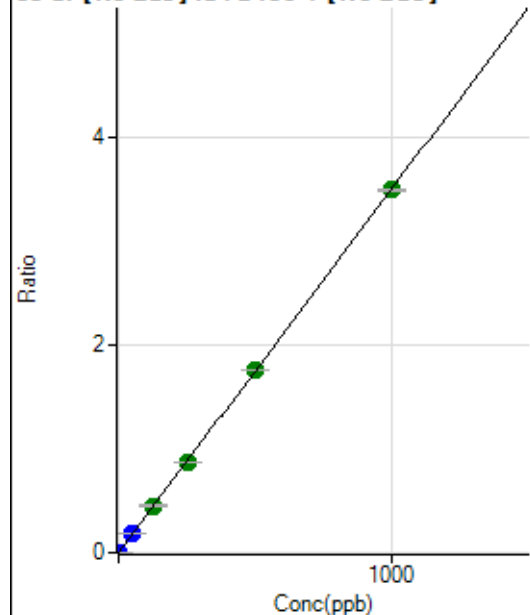
$$R = 1.0000$$

$$DL = 0.1248$$

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	822.29	0.0001	P	4.2
2	☐	0.100					
3	☐	1.000	0.986	22327.50	0.0036	P	2.4
4	☐	50.000	51.038	1117501.87	0.1792	P	0.5
5	☐	125.000	129.108	2823008.03	0.4531	A	1.4
6	☐	250.000	249.393	5583264.10	0.8750	A	0.7
7	☐	500.000	502.845	11233576.29	1.7642	A	0.6
8	☐	1000.000	998.164	22741436.27	3.5019	A	0.5
9	☐			739328.85	0.1203	P	0.8

$$y = 0.0035 * x + 1.2988\text{E-}004$$

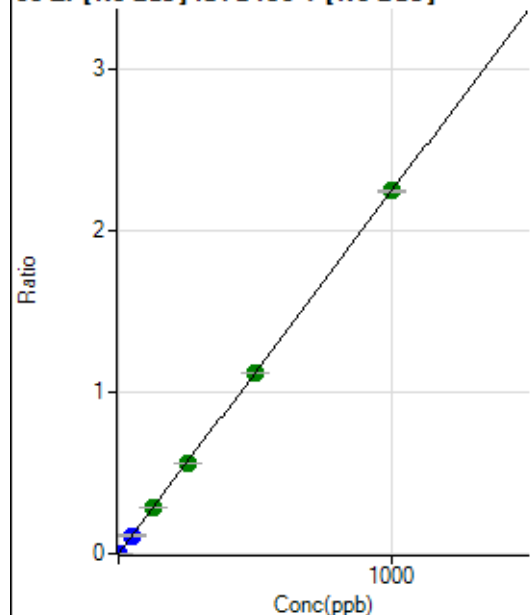
$$R = 1.0000$$

$$DL = 0.004618$$

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	386.14	0.0001	P	9.7
2	☐	0.100					
3	☐	1.000	0.932	13401.62	0.0022	P	2.4
4	☐	50.000	50.250	703767.92	0.1128	P	0.6
5	☐	125.000	127.662	1785817.81	0.2866	A	1.0
6	☐	250.000	249.354	3571163.36	0.5597	A	1.7
7	☐	500.000	498.464	7124214.05	1.1188	A	1.0
8	☐	1000.000	1000.584	14584413.52	2.2458	A	0.3
9	☐			2244.73	0.0004	P	2.4

$$y = 0.0022 * x + 6.1028E-005$$

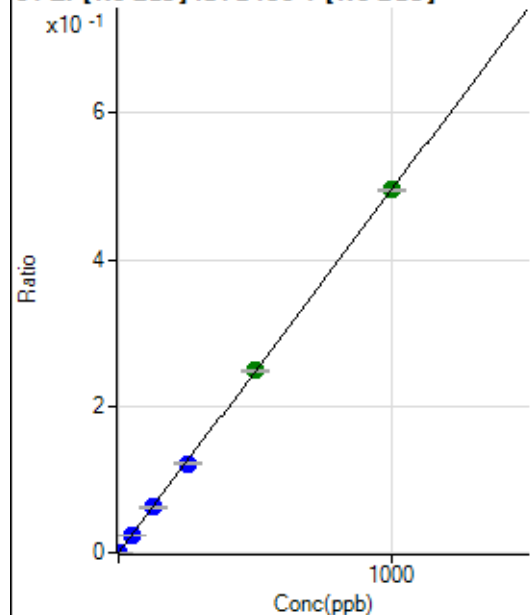
$$R = 1.0000$$

$$DL = 0.007906$$

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	105.56	0.0000	P	12.7
2	☐	0.100					
3	☐	1.000	0.882	2819.87	0.0005	P	6.8
4	☐	50.000	50.103	154794.29	0.0248	P	0.4
5	☐	125.000	124.575	384366.84	0.0617	P	1.6
6	☐	250.000	245.989	777067.49	0.1218	P	1.2
7	☐	500.000	502.068	1582699.96	0.2486	A	1.4
8	☐	1000.000	1000.017	3215019.28	0.4951	A	0.4
9	☐			494.47	0.0001	P	19.9

$$y = 4.9504E-004 * x + 1.6686E-005$$

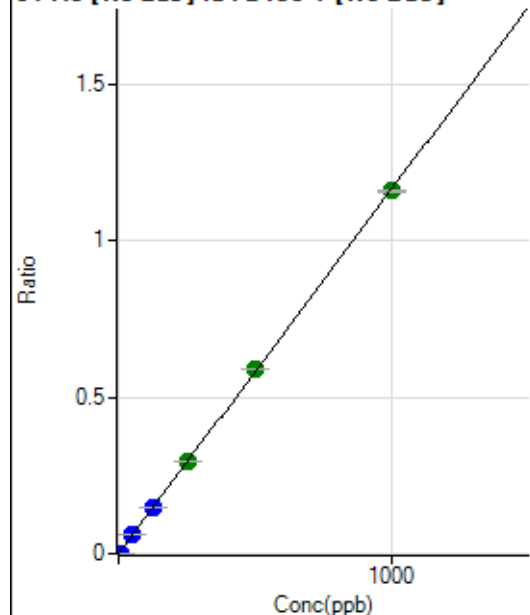
$$R = 1.0000$$

$$DL = 0.01285$$

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	158.34	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	2.146	15693.02	0.0025	P	3.0
4	☐	50.000	50.714	368157.80	0.0590	P	1.0
5	☐	125.000	126.928	920304.74	0.1477	P	1.9
6	☐	250.000	253.159	1879615.04	0.2946	A	0.6
7	☐	500.000	506.333	3751447.09	0.5892	A	0.8
8	☐	1000.000	995.781	7524298.87	1.1586	A	0.7
9	☐			11438.76	0.0019	P	1.7

$$y = 0.0012 * x + 2.5050E-005$$

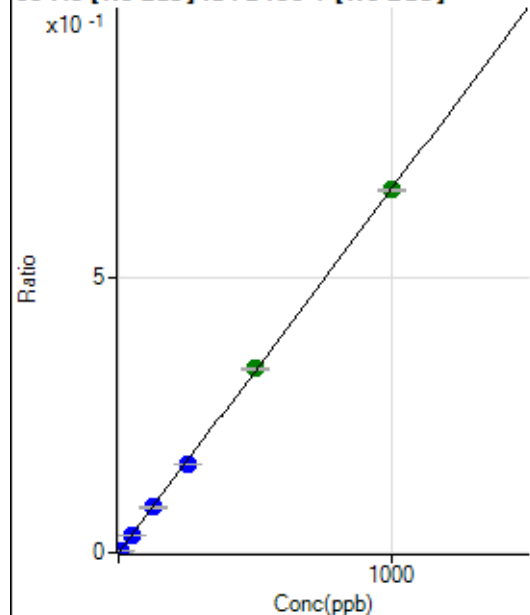
$$R = 1.0000$$

$$DL = 0.01938$$

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	27.78	0.0000	P	16.7
2	☐	0.500					
3	☐	5.000	4.568	18766.52	0.0030	P	4.4
4	☐	50.000	49.952	205368.78	0.0329	P	1.1
5	☐	125.000	125.295	514580.53	0.0826	P	2.1
6	☐	250.000	245.519	1032618.25	0.1618	P	0.3
7	☐	500.000	506.469	2125715.83	0.3338	A	1.0
8	☐	1000.000	997.853	4271281.74	0.6577	A	0.9
9	☐			18290.80	0.0030	P	2.9

$$y = 6.5914E-004 * x + 4.3854E-006$$

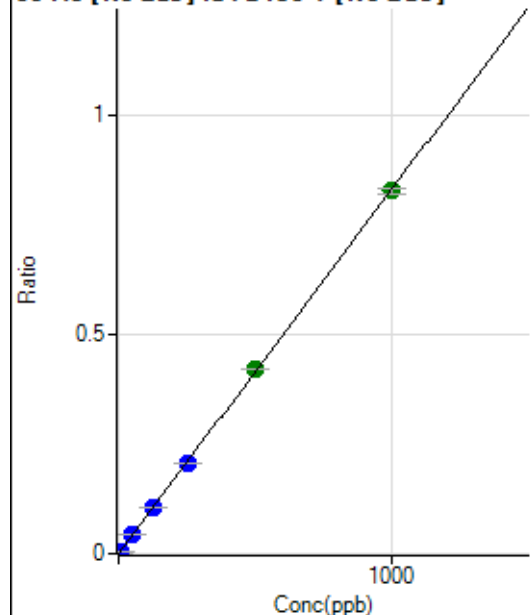
$$R = 1.0000$$

$$DL = 0.003337$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	25.2
2	☐	0.500					
3	☐	5.000	4.079	21172.98	0.0034	P	1.7
4	☐	50.000	50.343	260777.71	0.0418	P	0.6
5	☐	125.000	125.949	651606.60	0.1046	P	2.3
6	☐	250.000	246.484	1305832.90	0.2047	P	0.6
7	☐	500.000	508.048	2685984.63	0.4218	A	0.5
8	☐	1000.000	996.724	5374001.59	0.8276	A	1.3
9	☐			21050.57	0.0034	P	3.6

$$y = 8.3026\text{E-}004 * x + 1.5807\text{E-}005$$

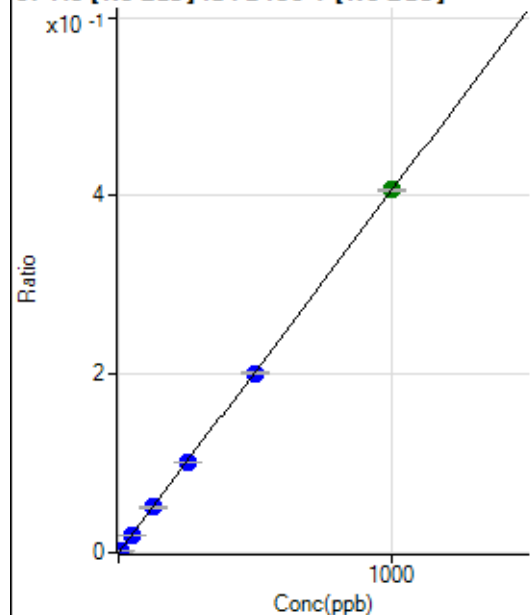
$$R = 0.9999$$

$$DL = 0.01438$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	37.4
2	☐	0.500					
3	☐	5.000	4.738	12003.05	0.0019	P	5.3
4	☐	50.000	50.249	127141.32	0.0204	P	0.5
5	☐	125.000	125.580	317370.36	0.0509	P	1.8
6	☐	250.000	247.503	640507.87	0.1004	P	0.3
7	☐	500.000	496.503	1282199.96	0.2014	P	0.9
8	☐	1000.000	1002.289	2639751.30	0.4065	A	0.7
9	☐			11121.69	0.0018	P	2.2

$$y = 4.0555\text{E-}004 * x + 7.4712\text{E-}006$$

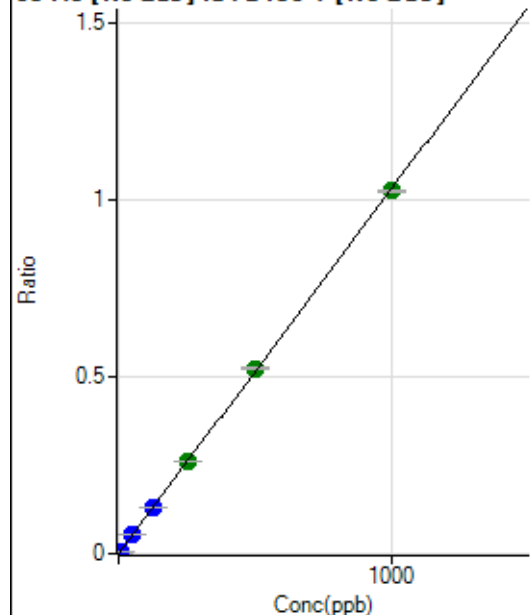
$$R = 1.0000$$

$$DL = 0.02066$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	78.7
2	☐	0.500					
3	☐	5.000	4.739	30449.10	0.0049	P	1.0
4	☐	50.000	50.409	324402.96	0.0520	P	1.2
5	☐	125.000	127.161	817512.24	0.1312	P	1.8
6	☐	250.000	253.416	1668321.04	0.2615	A	1.1
7	☐	500.000	508.508	3340888.36	0.5247	A	1.4
8	☐	1000.000	994.603	6664389.47	1.0262	A	0.6
9	☐			28238.74	0.0046	P	1.3

$$y = 0.0010 * x + 3.5211E-006$$

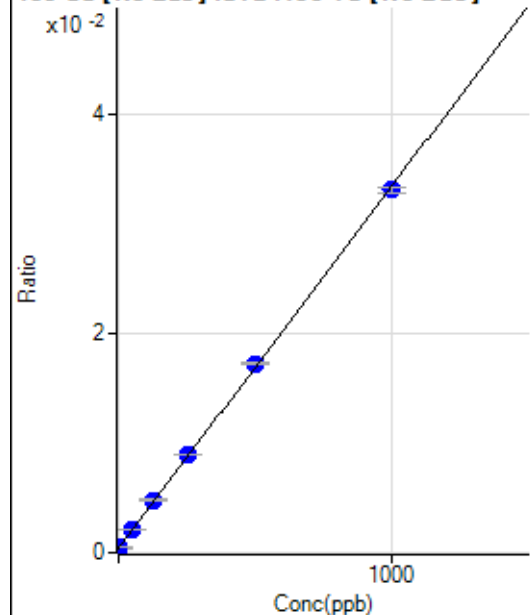
$$R = 0.9999$$

$$DL = 0.008058$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2461.45	0.0004	P	6.5
2	☐	0.100					
3	☐	1.000	1.377	2692.06	0.0005	P	1.2
4	☐	50.000	53.032	12990.14	0.0022	P	0.1
5	☐	125.000	133.723	29179.66	0.0048	P	0.8
6	☐	250.000	259.320	54848.75	0.0089	P	0.5
7	☐	500.000	510.946	106600.10	0.0172	P	1.4
8	☐	1000.000	990.955	209798.28	0.0330	P	1.4
9	☐			2475.36	0.0004	P	4.7

$$y = 3.2932E-005 * x + 4.0700E-004$$

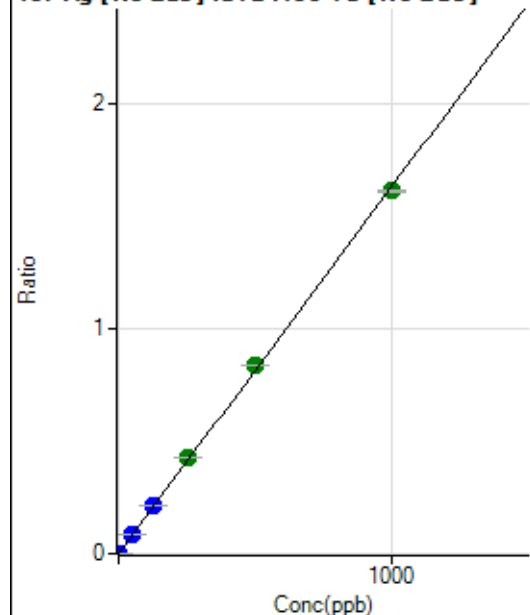
$$R = 0.9998$$

$$DL = 2.403$$

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	100.01	0.0000	P	9.0
2	☐	0.100					
3	☐	1.000	1.347	13179.26	0.0022	P	4.2
4	☐	50.000	52.691	518978.80	0.0860	P	0.7
5	☐	125.000	130.071	1288068.23	0.2124	P	0.5
6	☐	250.000	262.320	2625306.55	0.4283	A	1.1
7	☐	500.000	513.606	5186523.81	0.8385	A	0.4
8	☐	1000.000	989.348	10255877.75	1.6152	A	0.8
9	☐			1494.60	0.0002	P	5.9

$$y = 0.0016 * x + 1.6547E-005$$

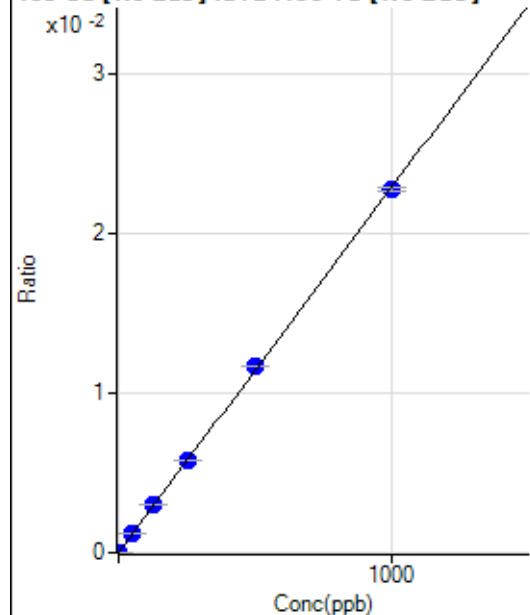
$$R = 0.9998$$

$$DL = 0.002743$$

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	19.44	0.0000	P	54.1
2	☐	0.100					
3	☐	1.000	0.858	136.11	0.0000	P	25.8
4	☐	50.000	51.019	7064.50	0.0012	P	3.7
5	☐	125.000	130.793	18183.39	0.0030	P	1.8
6	☐	250.000	252.907	35515.16	0.0058	P	0.7
7	☐	500.000	509.781	72211.88	0.0117	P	0.6
8	☐	1000.000	993.608	144464.11	0.0228	P	0.9
9	☐			43.06	0.0000	P	36.3

$$y = 2.2895E-005 * x + 3.2147E-006$$

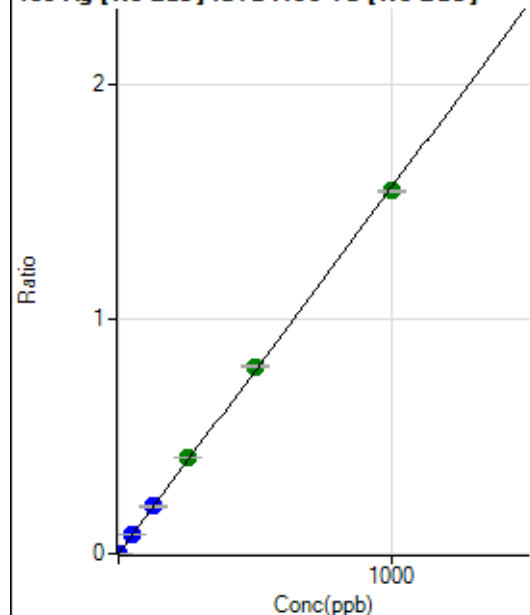
$$R = 0.9999$$

$$DL = 0.228$$

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	47.23	0.0000	P	83.7
2	☐	0.100					
3	☐	1.000	1.316	12281.12	0.0021	P	5.6
4	☐	50.000	52.018	490440.73	0.0813	P	0.4
5	☐	125.000	128.741	1220444.15	0.2012	P	0.5
6	☐	250.000	261.673	2507120.54	0.4090	A	0.2
7	☐	500.000	511.412	4943770.60	0.7993	A	0.8
8	☐	1000.000	990.807	9832769.66	1.5485	A	0.6
9	☐			2534.88	0.0004	P	86.1

$$y = 0.0016 * x + 7.8345E-006$$

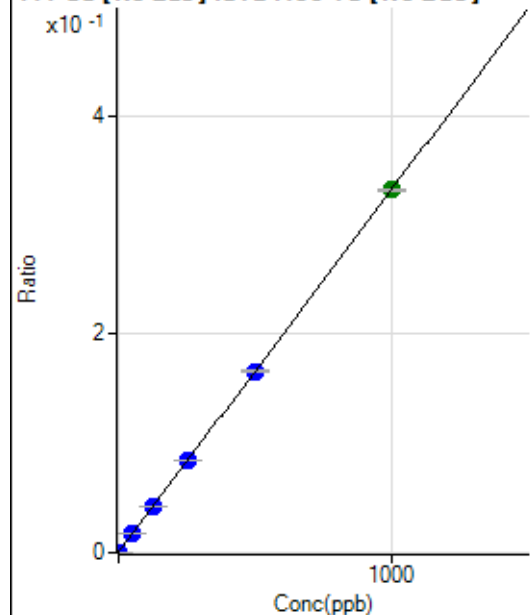
$$R = 0.9998$$

$$DL = 0.01259$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1726.07	0.0003	P	7.0
2	☐	0.100					
3	☐	1.000	0.970	3614.33	0.0006	P	3.6
4	☐	50.000	51.018	103808.23	0.0172	P	0.9
5	☐	125.000	127.649	258565.14	0.0426	P	0.6
6	☐	250.000	252.460	515134.79	0.0840	P	0.7
7	☐	500.000	498.569	1024721.83	0.1657	P	1.0
8	☐	1000.000	999.719	2107632.81	0.3319	A	0.5
9	☐			2166.52	0.0004	P	4.4

$$y = 3.3172E-004 * x + 2.8541E-004$$

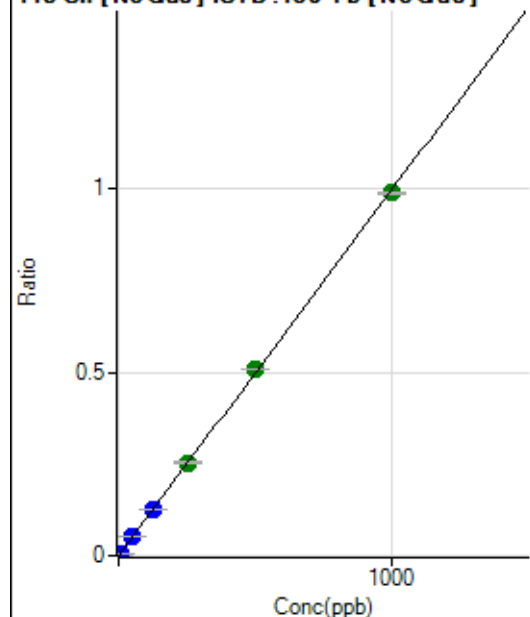
$$R = 1.0000$$

$$DL = 0.1806$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	691.72	0.0001	P	17.1
2	☐	0.500					
3	☐	5.000	4.853	29475.06	0.0050	P	2.3
4	☐	50.000	50.910	306893.98	0.0509	P	0.6
5	☐	125.000	127.681	772845.40	0.1274	P	1.2
6	☐	250.000	254.986	1559313.11	0.2544	A	0.9
7	☐	500.000	511.057	3152660.42	0.5097	A	0.6
8	☐	1000.000	992.845	6286645.28	0.9900	A	0.4
9	☐			5206.81	0.0009	P	1.6

$$y = 9.9706E-004 * x + 1.1445E-004$$

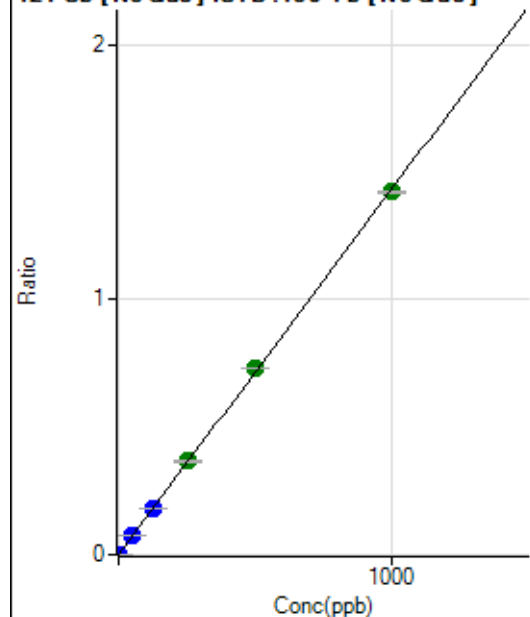
$$R = 0.9999$$

$$DL = 0.05904$$

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	41.67	0.0000	P	59.3
2	☐	0.200					
3	☐	2.000	1.953	16700.02	0.0028	P	0.5
4	☐	50.000	50.999	440897.03	0.0731	P	0.8
5	☐	125.000	126.929	1103330.85	0.1819	P	0.6
6	☐	250.000	256.269	2251422.71	0.3673	A	0.8
7	☐	500.000	509.333	4515024.10	0.7299	A	0.4
8	☐	1000.000	993.475	9040455.06	1.4237	A	0.5
9	☐			19214.58	0.0032	P	2.1

$$y = 0.0014 * x + 6.8725E-006$$

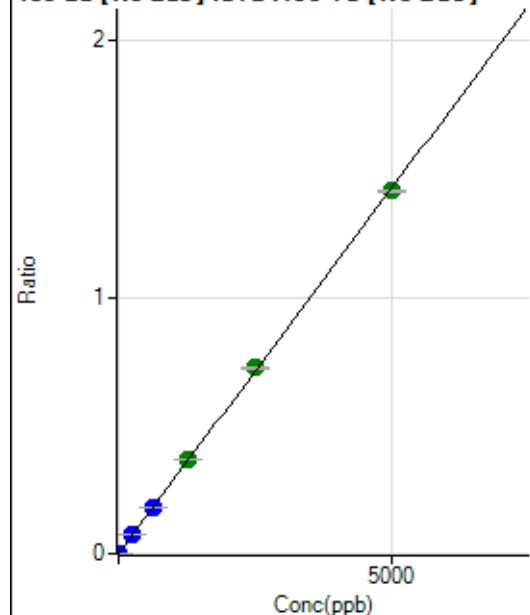
$$R = 0.9999$$

$$DL = 0.008535$$

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	80.56	0.0000	P	53.5
2	☐	1.000					
3	☐	10.000	9.796	16691.77	0.0028	P	2.5
4	☐	250.000	255.213	438817.88	0.0727	P	0.2
5	☐	625.000	631.349	1091393.37	0.1799	P	1.1
6	☐	1250.000	1286.174	2247091.13	0.3666	A	0.6
7	☐	2500.000	2545.138	4486920.37	0.7253	A	0.8
8	☐	5000.000	4967.334	8988983.02	1.4156	A	0.7
9	☐			3825.71	0.0006	P	3.9

$$y = 2.8499\text{E-}004 * x + 1.3360\text{E-}005$$

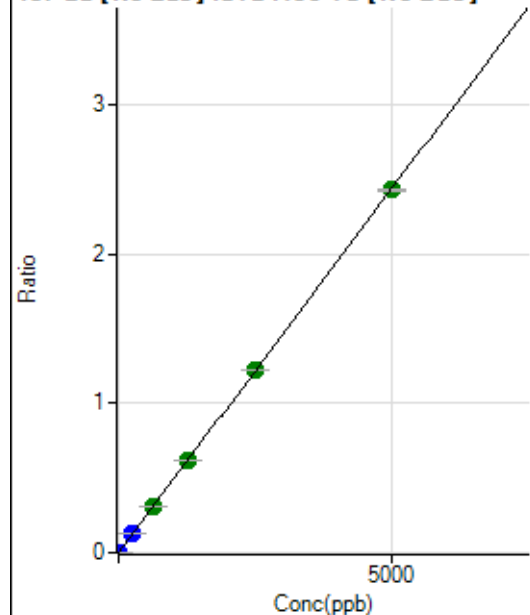
$$R = 0.9999$$

$$DL = 0.07525$$

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	69.45	0.0000	P	26.8
2	☐	1.000					
3	☐	10.000	9.584	27846.91	0.0047	P	3.6
4	☐	250.000	255.072	749520.03	0.1243	P	0.6
5	☐	625.000	643.388	1900921.49	0.3134	A	0.5
6	☐	1250.000	1272.855	3800934.50	0.6200	A	0.8
7	☐	2500.000	2509.052	7559641.49	1.2222	A	0.4
8	☐	5000.000	4987.209	15425306.25	2.4293	A	0.9
9	☐			6496.37	0.0011	P	6.1

$$y = 4.8709\text{E-}004 * x + 1.1469\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01894$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			17.78		P	57.3
4	☐			17.78		P	78.1
5	☐			31.11		P	81.1
6	☐			84.45		P	12.1
7	☐			144.45		P	5.3
8	☐			275.57		P	13.3
9	☐			126.67		P	24.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			5.55		P	69.3
6	☐			3.33		P	0.0
7	☐			3.33		P	100.1
8	☐			8.89		P	21.6
9	☐			23.33		P	14.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			11.11		P	86.6
4	☐			13.89		P	69.3
5	☐			27.78		P	17.3
6	☐			47.23		P	20.4
7	☐			80.56		P	43.1
8	☐			122.23		P	28.4
9	☐			113.89		P	11.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			3.33		P	100.1
6	☐			2.22		P	86.6
7	☐			5.56		P	34.7
8	☐			15.55		P	44.6
9	☐			25.56		P	19.9

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

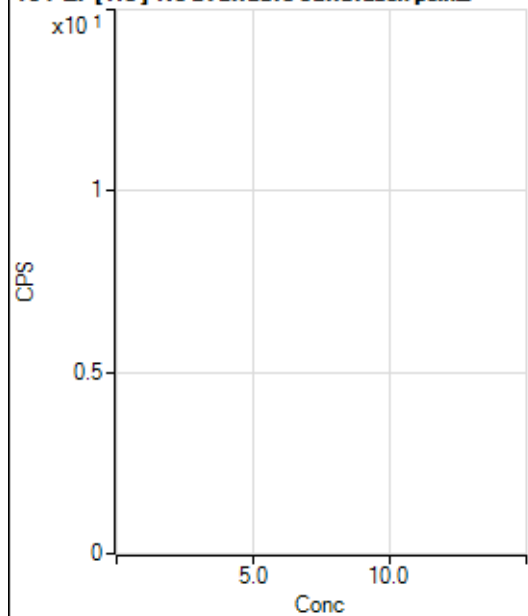
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.01		P	13.3
2	☐						
3	☐			138.89		P	27.7
4	☐			116.67		P	18.9
5	☐			97.23		P	30.1
6	☐			136.12		P	18.7
7	☐			102.78		P	4.7
8	☐			155.56		P	27.0
9	☐			219.46		P	15.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.34		P	49.5
2	☐						
3	☐			25.55		P	27.1
4	☐			31.11		P	16.4
5	☐			18.89		P	20.4
6	☐			24.44		P	67.3
7	☐			30.00		P	40.1
8	☐			26.67		P	33.1
9	☐			52.22		P	22.4

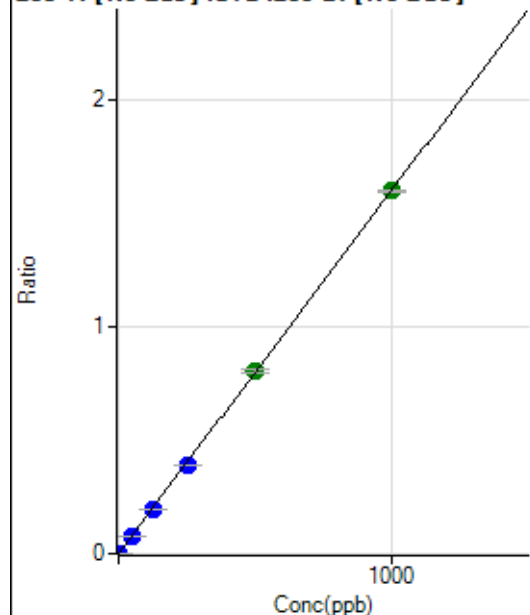
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			38.89		P	32.7
4	☐			36.11		P	96.1
5	☐			47.22		P	10.2
6	☐			38.89		P	12.4
7	☐			33.34		P	66.1
8	☐			47.22		P	88.8
9	☐			63.89		P	19.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			10.00		P	57.7
4	☐			4.44		P	43.4
5	☐			11.11		P	62.5
6	☐			7.78		P	89.2
7	☐			2.22		P	86.6
8	☐			10.00		P	66.7
9	☐			20.00		P	33.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	16.3
2	☐	0.100					
3	☐	1.000	0.945	4956.75	0.0015	P	3.2
4	☐	50.000	49.090	256933.92	0.0787	P	0.8
5	☐	125.000	123.628	647414.65	0.1981	P	1.3
6	☐	250.000	244.467	1294890.98	0.3917	P	0.6
7	☐	500.000	504.498	2662077.01	0.8082	A	2.6
8	☐	1000.000	999.351	5376945.61	1.6010	A	0.5
9	☐			2125.29	0.0007	P	2.3

$$y = 0.0016 * x + 1.8804E-005$$

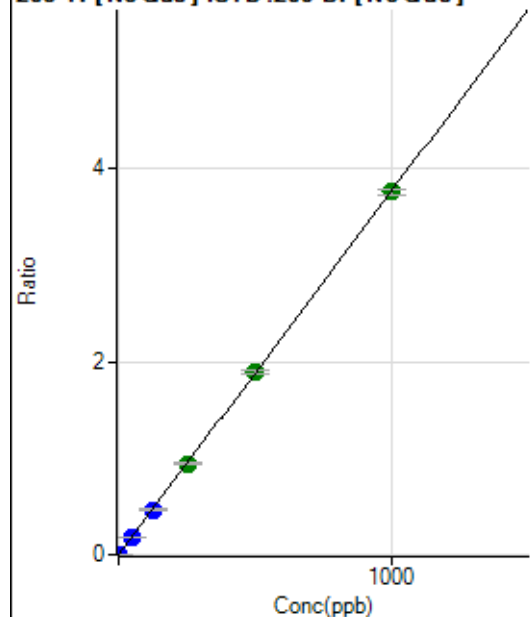
$$R = 1.0000$$

$$DL = 0.005741$$

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	63.89	0.0000	P	42.0
2	☐	0.100					
3	☐	1.000	0.958	11747.73	0.0036	P	2.6
4	☐	50.000	49.810	613593.95	0.1879	P	0.3
5	☐	125.000	124.047	1529034.68	0.4678	P	1.4
6	☐	250.000	250.804	3127024.98	0.9458	A	1.4
7	☐	500.000	503.674	6256038.38	1.8994	A	2.6
8	☐	1000.000	998.090	12640625.20	3.7638	A	1.3
9	☐			5151.34	0.0017	P	4.2

$$y = 0.0038 * x + 1.9645E-005$$

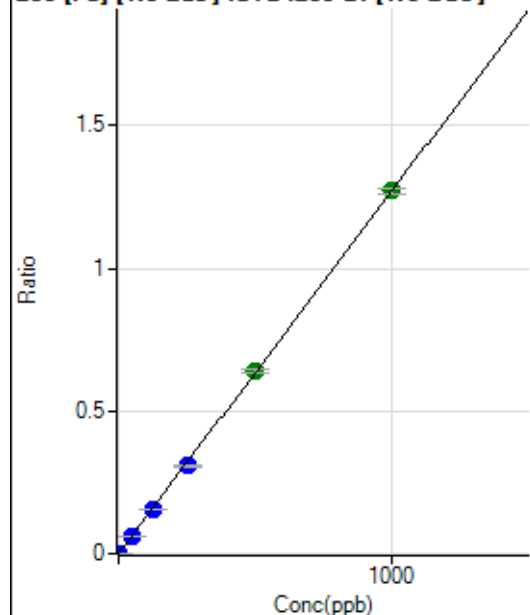
$$R = 1.0000$$

$$DL = 0.006565$$

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	229.64	0.0001	P	2.0
2	☐	0.100					
3	☐	1.000	0.992	4300.86	0.0013	P	4.5
4	☐	50.000	48.879	202870.16	0.0621	P	0.6
5	☐	125.000	121.843	505699.82	0.1547	P	1.2
6	☐	250.000	241.697	1014476.70	0.3068	P	0.6
7	☐	500.000	501.768	2097955.56	0.6369	A	2.1
8	☐	1000.000	1001.642	4270022.23	1.2714	A	1.4
9	☐			10543.62	0.0034	P	4.0

$$y = 0.0013 * x + 7.0614E-005$$

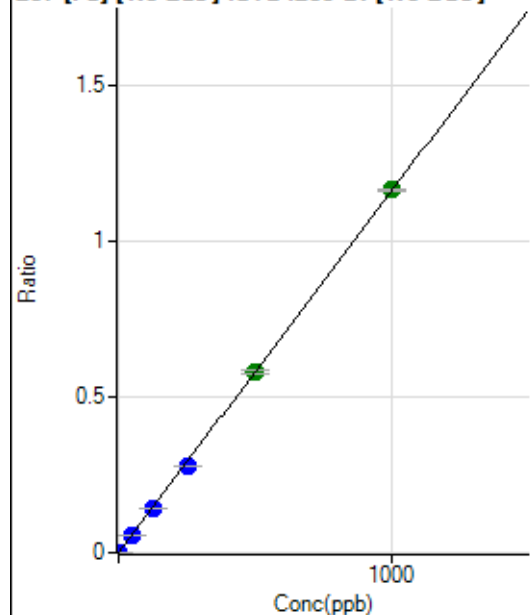
$$R = 1.0000$$

$$DL = 0.003256$$

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	207.42	0.0001	P	16.4
2	☐	0.100					
3	☐	1.000	0.985	3904.43	0.0012	P	1.1
4	☐	50.000	48.312	183359.03	0.0561	P	0.4
5	☐	125.000	121.367	460621.44	0.1409	P	0.9
6	☐	250.000	239.680	919907.10	0.2782	P	0.3
7	☐	500.000	499.373	1909408.72	0.5797	A	1.3
8	☐	1000.000	1003.432	3911397.22	1.1647	A	0.8
9	☐			9381.54	0.0031	P	3.2

$$y = 0.0012 * x + 6.3789E-005$$

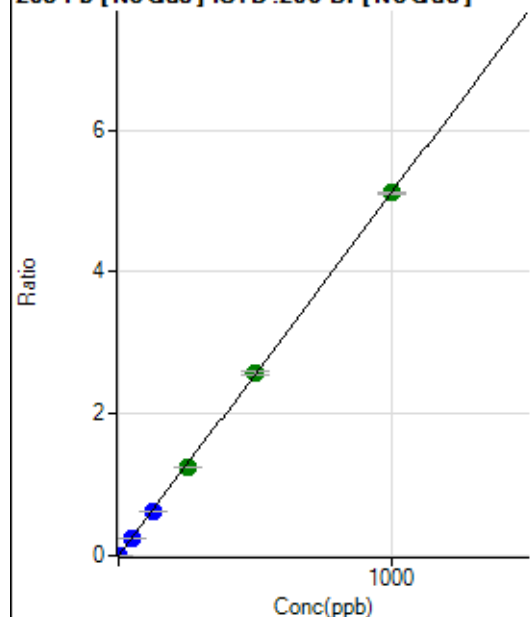
$$R = 0.9999$$

$$DL = 0.027$$

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	914.86	0.0003	P	8.2
2	☐	0.100					
3	☐	1.000	0.999	17429.29	0.0054	P	1.0
4	☐	50.000	49.133	821647.09	0.2516	P	0.5
5	☐	125.000	122.826	2054034.82	0.6284	P	0.7
6	☐	250.000	245.526	4152293.89	1.2559	A	0.1
7	☐	500.000	503.212	8477865.25	2.5737	A	1.6
8	☐	1000.000	999.827	17173186.78	5.1135	A	0.6
9	☐			42228.58	0.0138	P	3.0

$$y = 0.0051 * x + 2.8136E-004$$

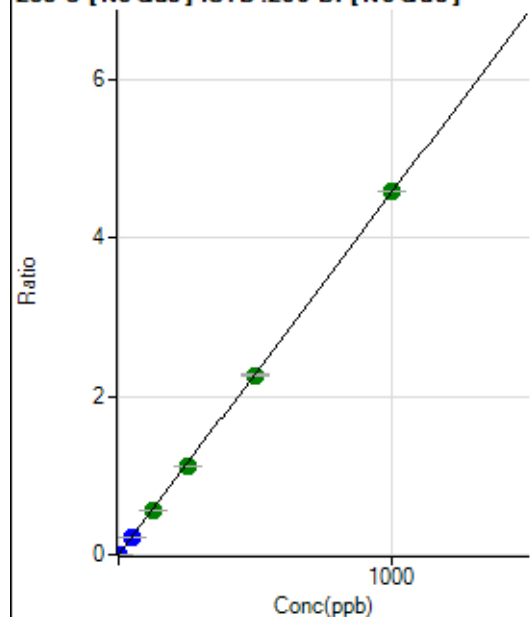
$$R = 1.0000$$

$$DL = 0.01362$$

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	69.45	0.0000	P	50.5
2	☐	0.100					
3	☐	1.000	0.947	14036.33	0.0043	P	0.7
4	☐	50.000	48.793	727013.38	0.2226	P	0.7
5	☐	125.000	123.782	1845509.13	0.5646	A	0.4
6	☐	250.000	246.019	3710070.48	1.1222	A	0.8
7	☐	500.000	496.506	7460278.03	2.2647	A	1.1
8	☐	1000.000	1002.955	15364231.59	4.5748	A	0.0
9	☐			1747.44	0.0006	P	13.2

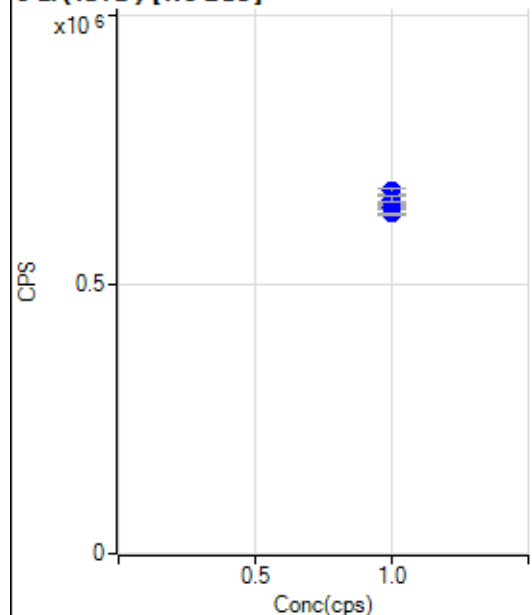
$$y = 0.0046 * x + 2.1397E-005$$

$$R = 1.0000$$

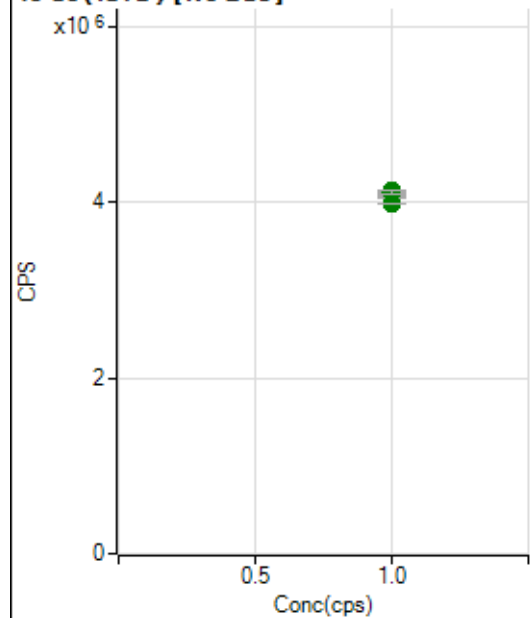
$$DL = 0.00711$$

Weight: <None>

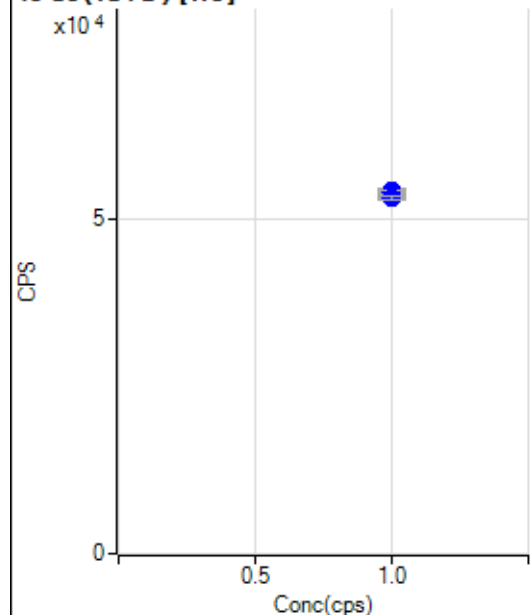
Min Conc: 0

6 Li (ISTD) [No Gas]

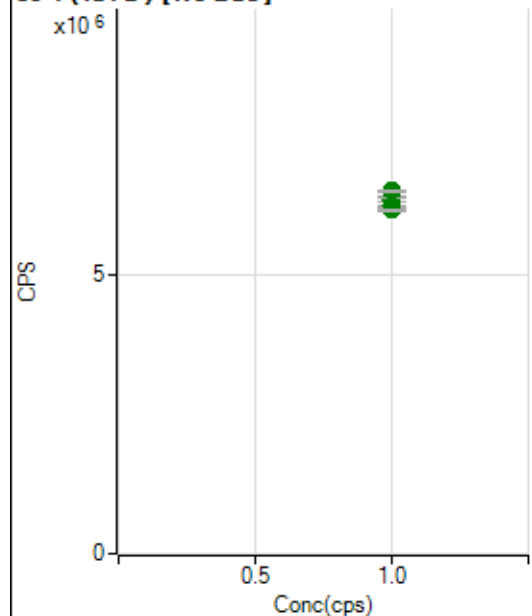
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		672697.70		P	1.8
2	☐	1.000					
3	☐	1.000		642962.68		P	1.2
4	☐	1.000		645533.70		P	1.1
5	☐	1.000		640656.74		P	0.2
6	☐	1.000		641081.62		P	1.0
7	☐	1.000		649168.70		P	0.1
8	☐	1.000		657428.81		P	1.2
9	☐	1.000		629779.39		P	0.5

45 Sc (ISTD) [No Gas]

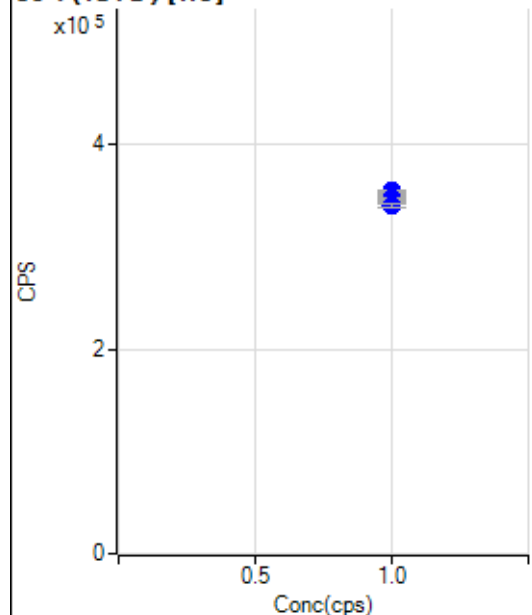
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4116114.20		A	0.4
2	☐	1.000					
3	☐	1.000		4071611.03		A	0.6
4	☐	1.000		4071171.05		A	0.1
5	☐	1.000		4063487.42		A	0.7
6	☐	1.000		4133442.45		A	0.6
7	☐	1.000		4128830.13		A	0.6
8	☐	1.000		4125244.19		A	0.9
9	☐	1.000		3987489.58		A	0.4

45 Sc (ISTD) [He]

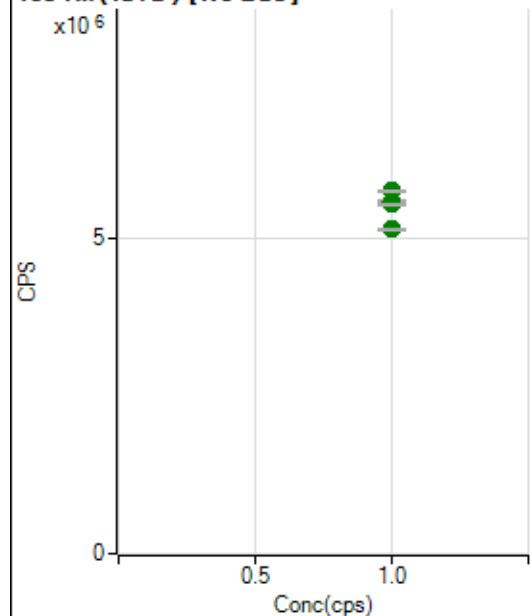
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		53324.19		P	0.6
2	☐	1.000					
3	☐	1.000		53323.07		P	1.8
4	☐	1.000		53666.53		P	1.0
5	☐	1.000		53705.56		P	1.5
6	☐	1.000		54226.47		P	1.6
7	☐	1.000		53772.54		P	0.0
8	☐	1.000		53969.99		P	0.8
9	☐	1.000		53258.36		P	1.2

89 Y (ISTD) [No Gas]

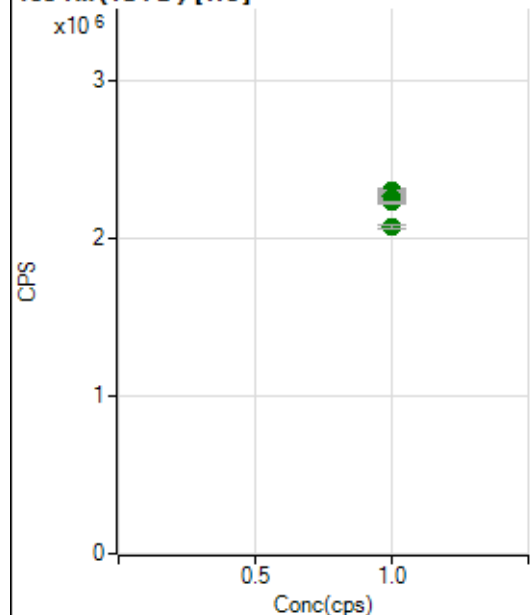
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6330007.34		A	0.7
2	☐	1.000					
3	☐	1.000		6223079.49		A	0.0
4	☐	1.000		6236656.09		A	0.3
5	☐	1.000		6231858.45		A	1.6
6	☐	1.000		6380638.31		A	0.6
7	☐	1.000		6367546.78		A	0.2
8	☐	1.000		6494051.50		A	0.5
9	☐	1.000		6146324.56		A	0.7

89 Y(ISTD) [He]

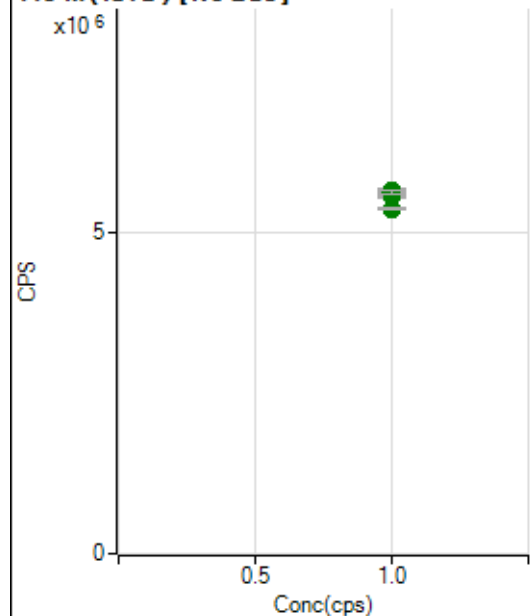
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		346604.52		P	0.5
2	☐	1.000					
3	☐	1.000		344079.04		P	0.1
4	☐	1.000		349804.94		P	0.6
5	☐	1.000		349883.77		P	0.4
6	☐	1.000		354308.59		P	0.7
7	☐	1.000		347068.31		P	0.4
8	☐	1.000		346928.44		P	0.3
9	☐	1.000		340409.47		P	0.9

103 Rh(ISTD) [No Gas]

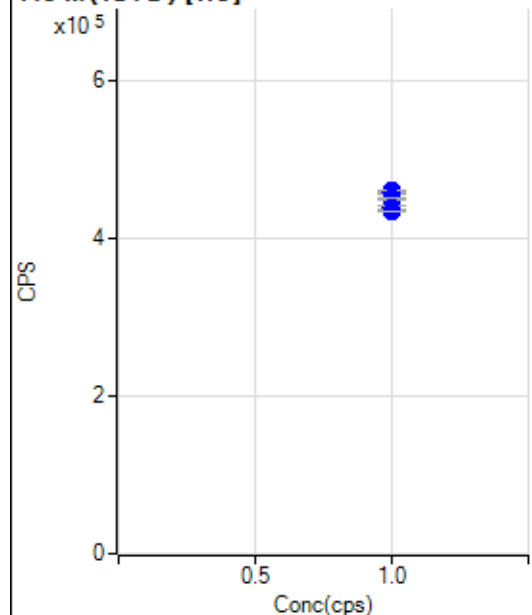
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5764761.15		A	0.7
2	☐	1.000					
3	☐	1.000		5599887.84		A	0.8
4	☐	1.000		5605467.49		A	0.2
5	☐	1.000		5578825.86		A	0.0
6	☐	1.000		5592730.55		A	0.4
7	☐	1.000		5585569.96		A	0.8
8	☐	1.000		5551641.32		A	0.7
9	☐	1.000		5162643.78		A	0.6

103 Rh (ISTD) [He]

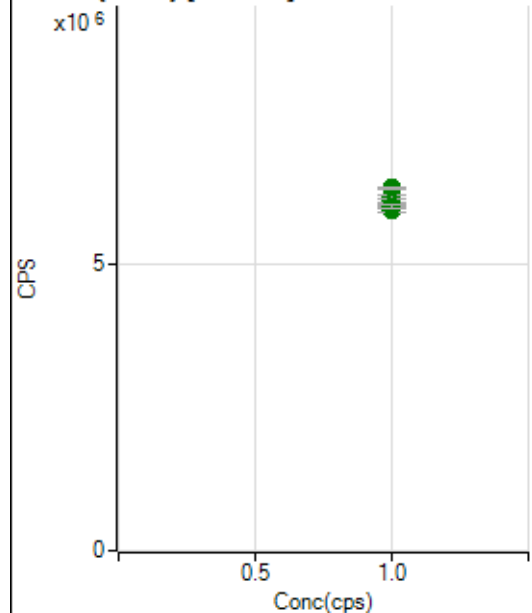
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2295587.52		A	0.3
2	☐	1.000					
3	☐	1.000		2270825.00		A	0.8
4	☐	1.000		2299478.14		A	1.3
5	☐	1.000		2268580.28		A	1.2
6	☐	1.000		2295272.27		A	0.2
7	☐	1.000		2253583.49		A	0.5
8	☐	1.000		2226512.80		A	0.8
9	☐	1.000		2071739.47		A	1.1

115 In (ISTD) [No Gas]

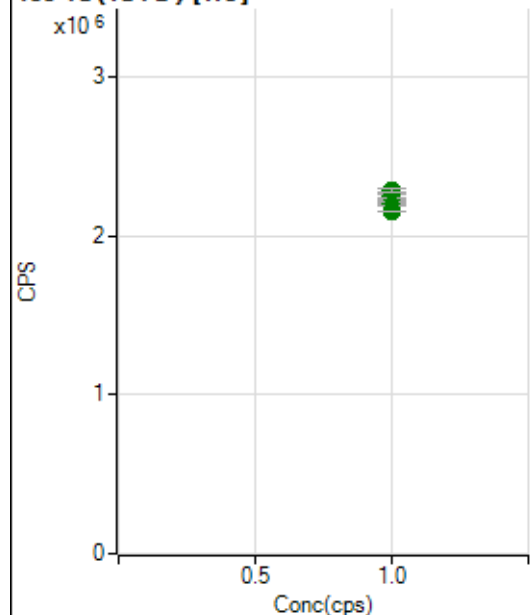
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5643706.33		A	0.3
2	☐	1.000					
3	☐	1.000		5566947.63		A	0.9
4	☐	1.000		5603340.11		A	0.4
5	☐	1.000		5573824.07		A	0.4
6	☐	1.000		5650202.37		A	1.0
7	☐	1.000		5615876.82		A	0.8
8	☐	1.000		5632230.64		A	0.9
9	☐	1.000		5365917.82		A	0.5

115 In (ISTD) [He]

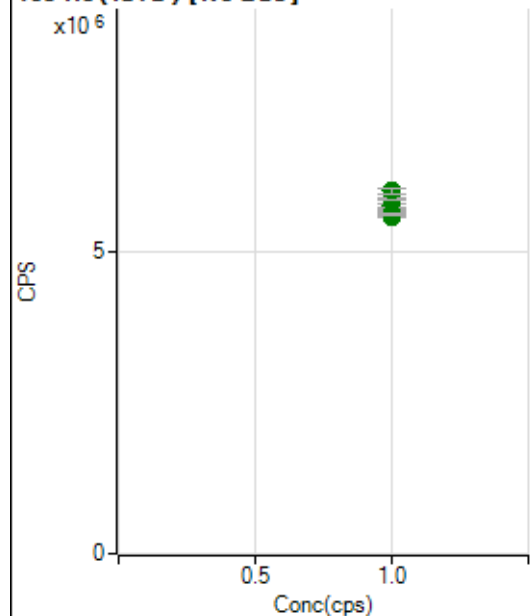
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		460582.91		P	0.2
2	☐	1.000					
3	☐	1.000		456767.55		P	0.2
4	☐	1.000		458900.73		P	0.3
5	☐	1.000		458954.11		P	0.8
6	☐	1.000		459150.28		P	0.6
7	☐	1.000		451205.51		P	0.6
8	☐	1.000		439473.00		P	0.9
9	☐	1.000		434411.33		P	0.2

159 Tb (ISTD) [No Gas]

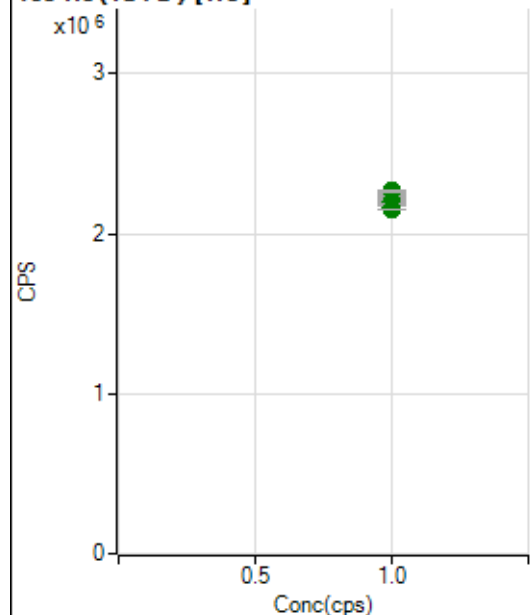
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6046532.62		A	0.8
2	☐	1.000					
3	☐	1.000		5951202.14		A	0.9
4	☐	1.000		6032220.40		A	0.6
5	☐	1.000		6065556.23		A	0.6
6	☐	1.000		6130428.73		A	0.8
7	☐	1.000		6185611.30		A	0.9
8	☐	1.000		6349830.60		A	0.6
9	☐	1.000		6026410.39		A	0.9

159 Tb (ISTD) [He]

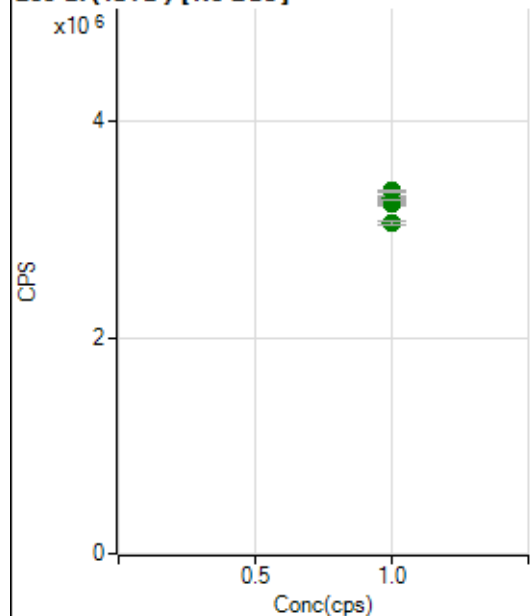
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2215665.31		A	1.0
2	☐	1.000					
3	☐	1.000		2199677.61		A	0.8
4	☐	1.000		2231358.26		A	0.3
5	☐	1.000		2222384.66		A	0.3
6	☐	1.000		2247680.30		A	1.4
7	☐	1.000		2254724.29		A	1.2
8	☐	1.000		2283013.09		A	1.0
9	☐	1.000		2154423.56		A	0.2

165 Ho (ISTD) [No Gas]

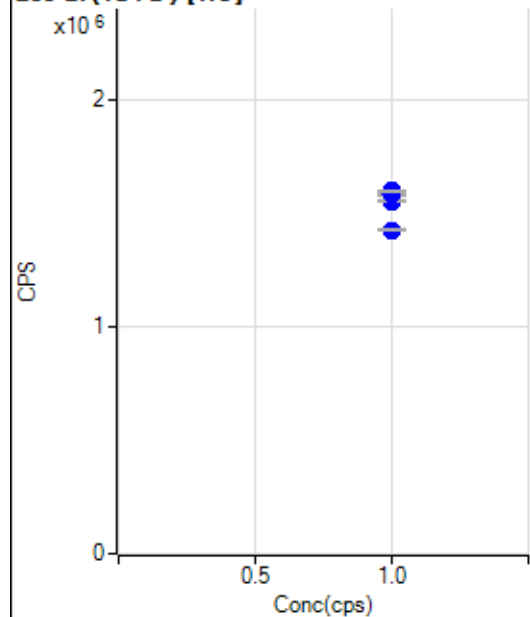
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5573399.30		A	1.0
2	☐	1.000					
3	☐	1.000		5615882.63		A	0.9
4	☐	1.000		5639311.54		A	0.5
5	☐	1.000		5673869.96		A	0.5
6	☐	1.000		5759401.82		A	1.0
7	☐	1.000		5850766.89		A	0.4
8	☐	1.000		5992994.32		A	1.2
9	☐	1.000		5613587.88		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2190428.21		A	0.9
2	☐	1.000					
3	☐	1.000		2164425.49		A	1.5
4	☐	1.000		2195884.94		A	0.5
5	☐	1.000		2197120.19		A	1.1
6	☐	1.000		2228551.95		A	0.6
7	☐	1.000		2243813.52		A	0.3
8	☐	1.000		2267381.91		A	0.8
9	☐	1.000		2150365.07		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3252280.26		A	0.7
2	☐	1.000					
3	☐	1.000		3233739.15		A	0.6
4	☐	1.000		3266309.36		A	0.1
5	☐	1.000		3268589.08		A	0.2
6	☐	1.000		3306160.26		A	0.4
7	☐	1.000		3294436.58		A	1.3
8	☐	1.000		3358465.26		A	0.7
9	☐	1.000		3061524.40		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1596145.69		P	0.4
2	☐	1.000					
3	☐	1.000		1553844.58		P	0.6
4	☐	1.000		1592356.28		P	0.7
5	☐	1.000		1584470.91		P	0.3
6	☐	1.000		1586837.18		P	0.7
7	☐	1.000		1600146.05		P	0.4
8	☐	1.000		1598502.01		P	0.5
9	☐	1.000		1428074.44		P	0.7