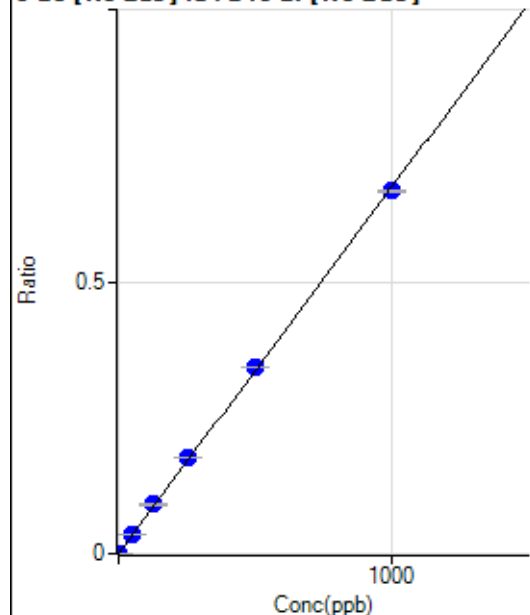


Batch Folder: D:\ICP-MS Data\P7062119 .b.b\
Analysis File: P7062119 .b.batch.bin
DA Date-Time: 2019-06-21 12:51:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-21 11:36:39
2			
3	005CALS.d	S02	2019-06-21 11:44:14
4	006CALS.d	S03	2019-06-21 11:48:10
5	007CALS.d	S04	2019-06-21 11:52:06
6	008CALS.d	S05	2019-06-21 11:56:02
7	009CALS.d	S06	2019-06-21 11:59:54
8	010CALS.d	S07	2019-06-21 12:03:45
9	011CALS.d	S08	2019-06-21 12:07:34

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	38.0
2	☐	0.100					
3	☐	1.000	0.988	733.36	0.0007	P	11.1
4	☐	50.000	54.208	39401.12	0.0365	P	1.1
5	☐	125.000	134.005	94452.26	0.0902	P	1.2
6	☐	250.000	261.985	164459.29	0.1763	P	0.6
7	☐	500.000	509.979	301279.85	0.3432	P	0.6
8	☐	1000.000	990.678	579050.37	0.6667	P	0.6
9	☐			227.78	0.0002	P	9.9

$$y = 6.7293\text{E-}004 * x + 2.2396\text{E-}005$$

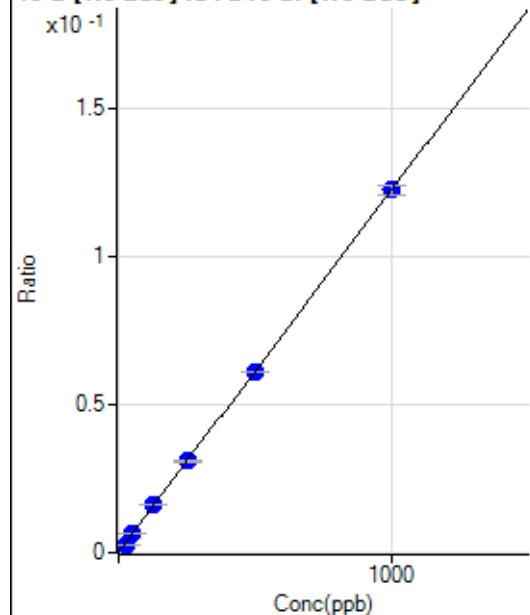
$$R = 0.9998$$

$$DL = 0.03791$$

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	216.68	0.0002	P	13.5
2	☐	2.500					
3	☐	25.000	21.085	2967.07	0.0028	P	4.5
4	☐	50.000	51.533	7013.01	0.0065	P	3.4
5	☐	125.000	128.744	16670.92	0.0159	P	0.3
6	☐	250.000	250.546	28708.57	0.0308	P	2.1
7	☐	500.000	498.452	53584.74	0.0610	P	0.6
8	☐	1000.000	1000.191	106196.01	0.1223	P	2.7
9	☐			5840.24	0.0061	P	7.5

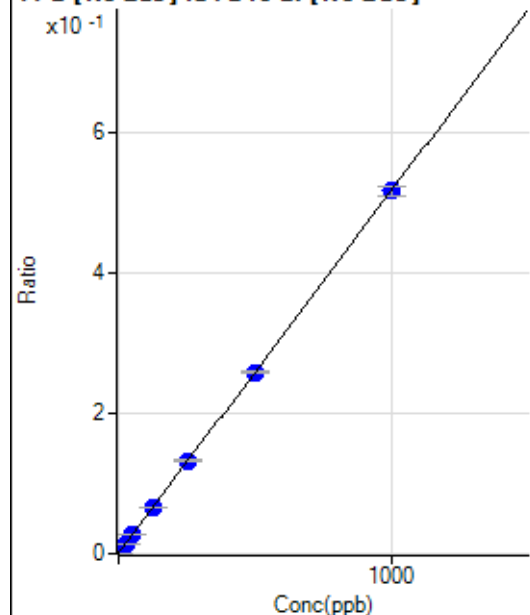
$$y = 1.2204\text{E-}004 * x + 2.0782\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.6922$$

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	838.95	0.0008	P	8.7
2	☐	2.500					
3	☐	25.000	22.584	13303.57	0.0125	P	1.7
4	☐	50.000	51.081	29351.54	0.0272	P	1.9
5	☐	125.000	126.507	69267.06	0.0662	P	1.5
6	☐	250.000	254.400	123310.28	0.1322	P	1.5
7	☐	500.000	499.322	227125.79	0.2587	P	0.8
8	☐	1000.000	999.057	448909.57	0.5169	P	2.4
9	☐			24222.86	0.0254	P	7.1

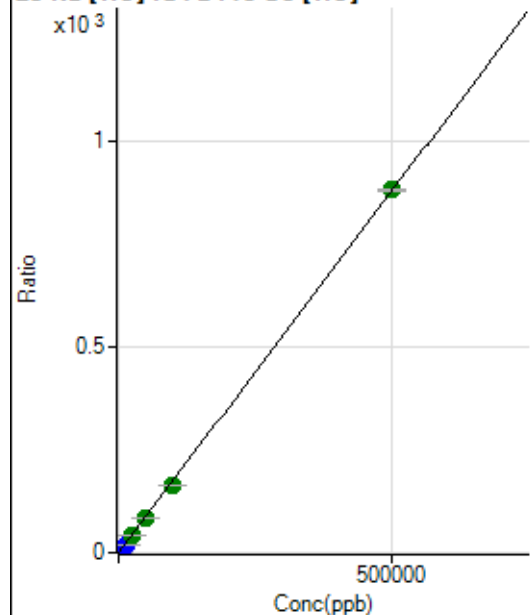
$$y = 5.1656\text{E-}004 * x + 8.0477\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4089$$

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	1605.70	0.0157	P	2.6
2	☐	50.000					
3	☐	500.000	425.039	80183.95	0.7622	P	0.5
4	☐	5000.000	4626.753	838064.52	8.1418	P	0.5
5	☐	12500.000	11507.008	1904589.80	20.2258	P	0.1
6	☐	25000.000	23147.342	3427412.19	40.6700	A	0.3
7	☐	50000.000	46783.688	6612292.95	82.1832	A	0.2
8	☐	100000.00	92381.042	13222484.93	162.2671	A	0.7
9	☐	500000.00	501966.68	83465647.70	881.6338	A	0.8

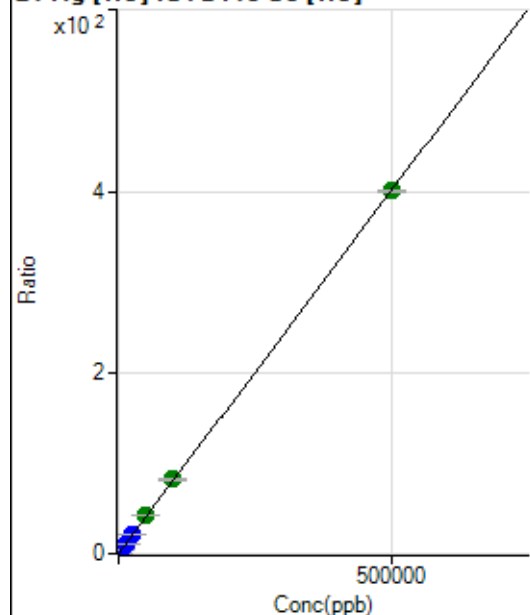
$$y = 0.0018 * x + 0.0157$$

$$R = 0.9999$$

$$DL = 0.7073$$

Weight: <None>

Min Conc: 0

²⁴Mg [He] ISTD : ⁴⁵Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0013	P	8.1
2	☐	50.000					
3	☐	500.000	494.709	41884.57	0.3981	P	1.9
4	☐	5000.000	5211.680	430430.47	4.1817	P	0.7
5	☐	12500.000	13070.862	987353.55	10.4857	P	0.5
6	☐	25000.000	25937.471	1753406.20	20.8062	P	0.6
7	☐	50000.000	51701.114	3336717.13	41.4716	A	0.3
8	☐	100000.00	102022.69	6668515.51	81.8353	A	0.4
9	☐	500000.00	499362.09	37920190.78	400.5471	A	0.9

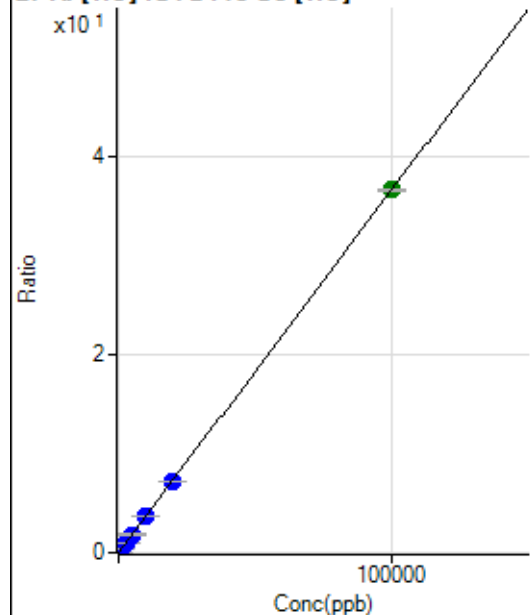
$$y = 8.0211\text{E-}004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.4009$$

Weight: <None>

Min Conc: 0

²⁷Al [He] ISTD : ⁴⁵Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0001	P	86.6
2	☐	2.000					
3	☐	20.000	17.238	675.04	0.0064	P	7.6
4	☐	1000.000	996.500	37539.63	0.3647	P	1.2
5	☐	2500.000	2503.379	86250.60	0.9160	P	1.0
6	☐	5000.000	5015.875	154663.09	1.8353	P	1.0
7	☐	10000.000	9980.356	293796.86	3.6516	P	0.4
8	☐	20000.000	19720.522	587944.47	7.2152	P	0.6
9	☐	100000.00	100057.01	3465563.66	36.6077	A	0.4

$$y = 3.6587\text{E-}004 * x + 1.0868\text{E-}004$$

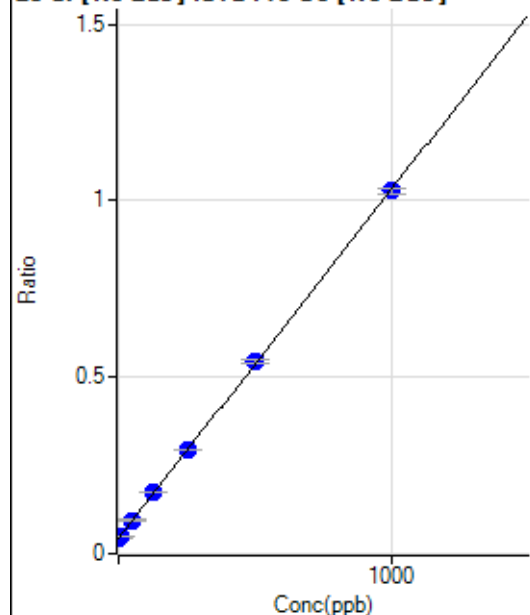
$$R = 1.0000$$

$$DL = 0.7719$$

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	83488.23	0.0438	P	1.8
2	☐	1.000					
3	☐	10.000	6.703	97682.18	0.0504	P	1.3
4	☐	50.000	51.820	184870.66	0.0950	P	1.5
5	☐	125.000	130.407	321613.05	0.1727	P	1.1
6	☐	250.000	251.298	475445.28	0.2923	P	0.5
7	☐	500.000	507.126	815293.16	0.5452	P	1.4
8	☐	1000.000	995.379	1519989.24	1.0280	P	1.6
9	☐			132226.98	0.0821	P	1.5

$$y = 9.8885\text{E-}004 * x + 0.0438$$

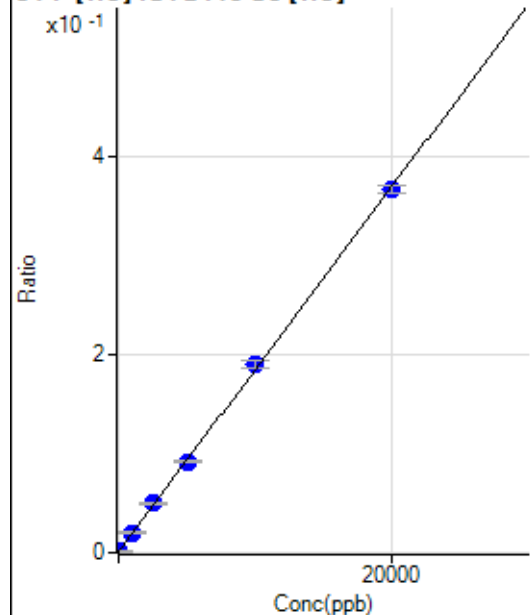
$$R = 0.9999$$

$$DL = 2.371$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.451	52.78	0.0005	P	59.2
2	☐	0.000					
3	☐	0.000	15.451	113.89	0.0011	P	36.8
4	☐	1000.000	1052.039	2072.45	0.0201	P	7.2
5	☐	2500.000	2672.565	4700.94	0.0499	P	2.2
6	☐	5000.000	4953.002	7741.22	0.0919	P	0.8
7	☐	10000.000	10286.324	15280.65	0.1899	P	3.5
8	☐	20000.000	19844.415	29794.44	0.3656	P	2.3
9	☐			83.34	0.0009	P	1.3

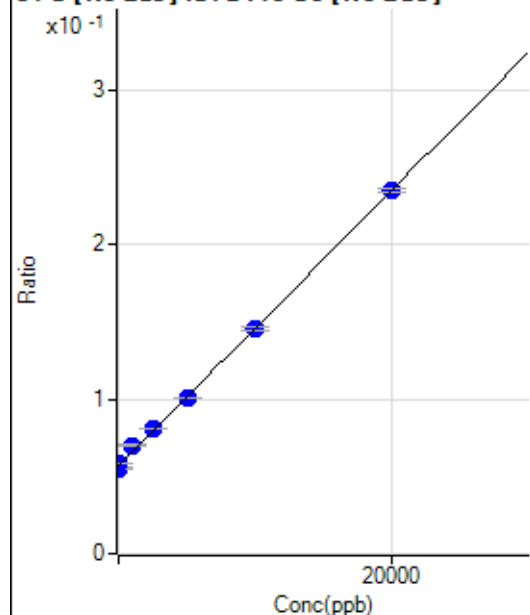
$$y = 1.8385\text{E-}005 * x + 7.9823\text{E-}004$$

$$R = 0.9998$$

$$DL = 57.33$$

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	-162.620	105293.18	0.0552	P	1.2
2	☐	0.000					
3	☐	0.000	162.620	112612.67	0.0581	P	0.5
4	☐	1000.000	1497.477	136229.03	0.0700	P	0.9
5	☐	2500.000	2740.700	151033.13	0.0811	P	0.8
6	☐	5000.000	4976.029	164378.00	0.1010	P	0.4
7	☐	10000.000	9994.255	218033.51	0.1458	P	1.7
8	☐	20000.000	19953.904	346950.55	0.2347	P	0.9
9	☐			92481.01	0.0574	P	3.0

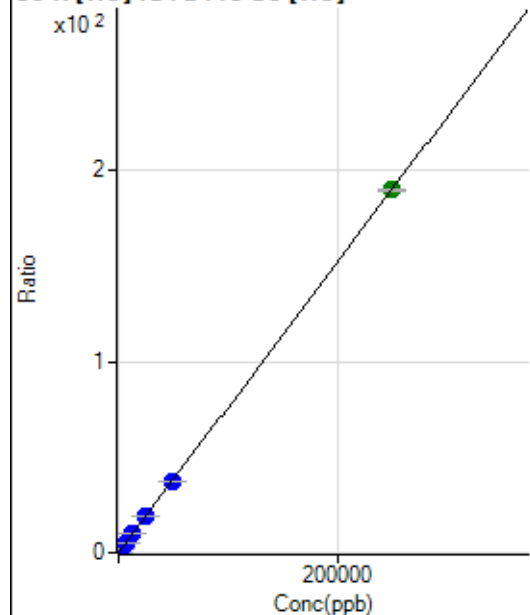
$$y = 8.9219\text{E-}006 * x + 0.0566$$

$$R = 0.9996$$

$$DL = 160.8$$

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	4762.08	0.0466	P	6.0
2	☐	50.000					
3	☐	500.000	467.809	42249.99	0.4016	P	1.1
4	☐	2500.000	2584.434	206675.03	2.0079	P	0.4
5	☐	6250.000	6404.846	462072.43	4.9071	P	0.3
6	☐	12500.000	12622.070	811135.98	9.6251	P	0.3
7	☐	25000.000	25094.237	1535940.01	19.0898	P	0.3
8	☐	50000.000	48971.030	3032008.64	37.2092	P	0.8
9	☐	250000.00	250185.61	17978251.27	189.9046	A	0.6

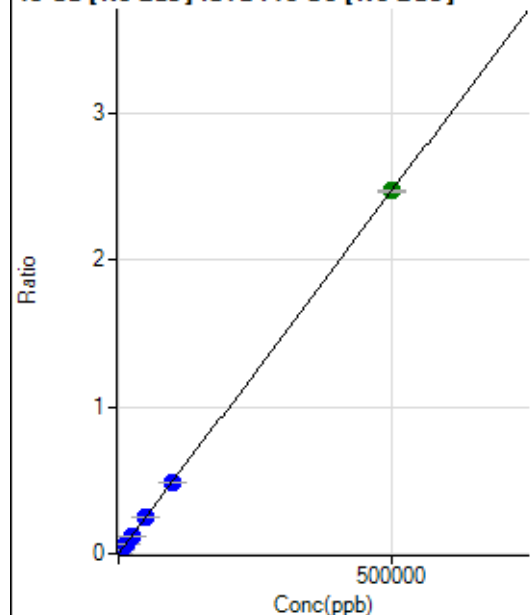
$$y = 7.5887\text{E-}004 * x + 0.0466$$

$$R = 1.0000$$

$$DL = 11.01$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.3
2	☐	50.000					
3	☐	500.000	478.827	4612.01	0.0024	P	1.4
4	☐	5000.000	4954.833	47646.99	0.0245	P	1.6
5	☐	12500.000	12475.850	114772.79	0.0616	P	0.7
6	☐	25000.000	24579.336	197526.51	0.1214	P	0.9
7	☐	50000.000	49696.101	367066.54	0.2455	P	0.8
8	☐	100000.00	98796.145	721495.42	0.4880	P	0.4
9	☐	500000.00	500293.27	3979771.06	2.4710	A	0.5

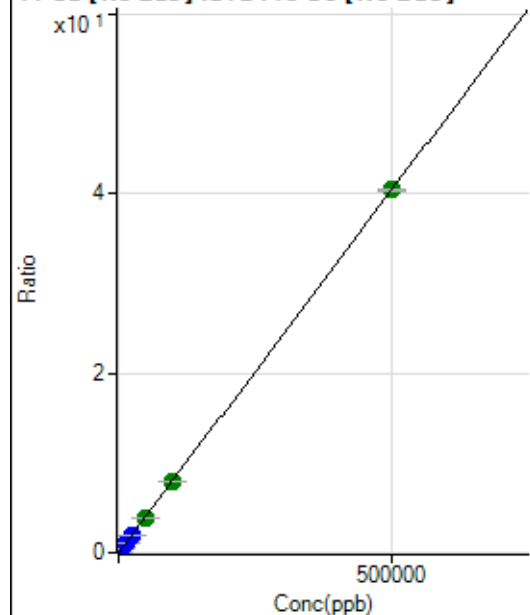
$$y = 4.9391\text{E-}006 * x + 1.4553\text{E-}005$$

$$R = 1.0000$$

$$DL = 5.509$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1308.46	0.0007	P	5.5
2	☐	50.000					
3	☐	500.000	455.271	72617.44	0.0375	P	0.4
4	☐	5000.000	4933.362	776814.42	0.3992	P	0.4
5	☐	12500.000	12129.762	1825946.85	0.9806	P	0.4
6	☐	25000.000	23969.473	3151160.57	1.9370	P	0.2
7	☐	50000.000	48931.727	5912071.48	3.9535	A	0.5
8	☐	100000.00	98331.580	11745488.98	7.9441	A	0.1
9	☐	500000.00	500502.00	65124287.57	40.4324	A	0.7

$$y = 8.0782\text{E-}005 * x + 6.8586\text{E-}004$$

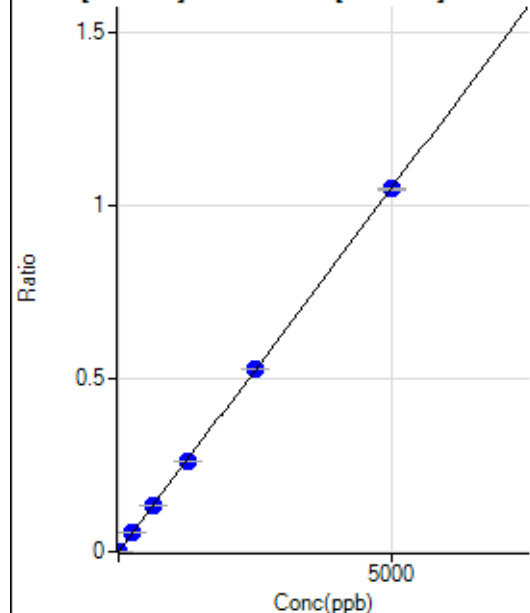
$$R = 1.0000$$

$$DL = 1.404$$

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	36.11	0.0000	P	26.6
2	☐	0.500					
3	☐	5.000	4.953	2055.80	0.0011	P	9.6
4	☐	250.000	255.774	104683.38	0.0538	P	0.5
5	☐	625.000	634.463	248462.49	0.1334	P	0.1
6	☐	1250.000	1252.192	428372.53	0.2633	P	0.4
7	☐	2500.000	2516.057	791148.84	0.5290	P	0.4
8	☐	5000.000	4989.952	1551264.61	1.0492	P	0.3
9	☐			827.84	0.0005	P	15.2

$$y = 2.1026\text{E-}004 * x + 1.8930\text{E-}005$$

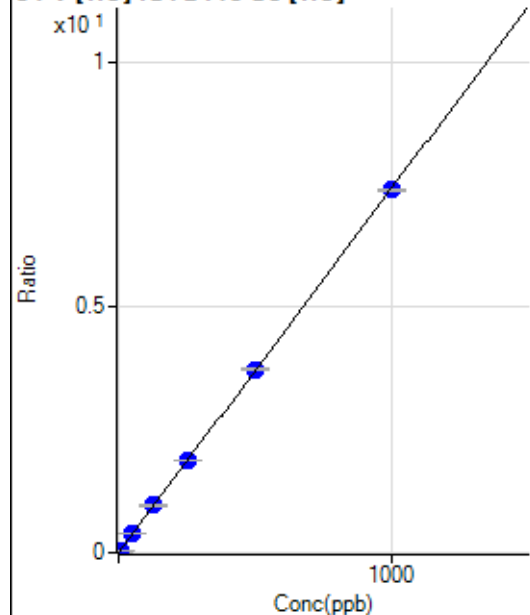
$$R = 1.0000$$

$$DL = 0.07187$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.080	3968.38	0.0377	P	5.3
4	☐	50.000	51.752	39547.45	0.3842	P	1.9
5	☐	125.000	129.366	90434.73	0.9604	P	1.0
6	☐	250.000	255.050	159576.34	1.8936	P	0.6
7	☐	500.000	504.028	301076.16	3.7420	P	0.5
8	☐	1000.000	996.090	602612.58	7.3952	P	0.3
9	☐			241.12	0.0025	P	10.1

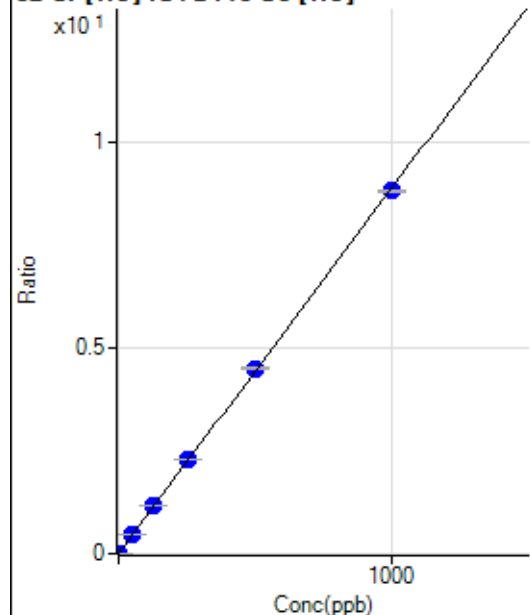
$$y = 0.0074 * x + 1.0878\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.007613$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	252.23	0.0025	P	7.2
2	☐	0.200					
3	☐	2.000	1.922	2051.28	0.0195	P	1.2
4	☐	50.000	52.669	48303.45	0.4693	P	1.3
5	☐	125.000	130.061	108772.83	1.1552	P	0.7
6	☐	250.000	257.563	192581.37	2.2852	P	0.9
7	☐	500.000	507.776	362293.22	4.5029	P	0.2
8	☐	1000.000	993.455	717689.06	8.8074	P	0.4
9	☐			14997.79	0.1584	P	0.6

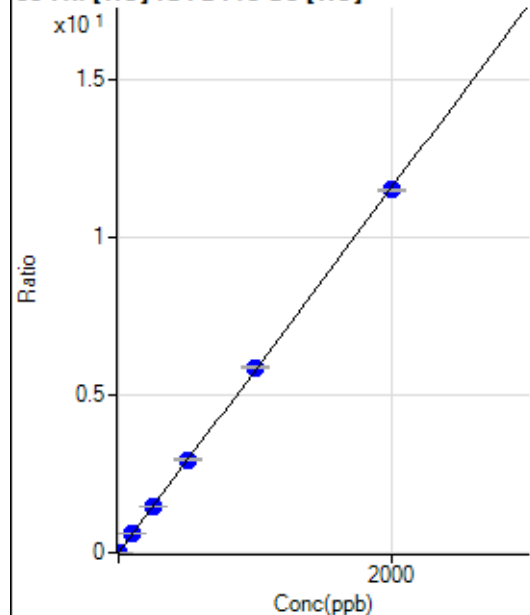
$$y = 0.0089 * x + 0.0025$$

$$R = 0.9999$$

$$DL = 0.06003$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0002	P	36.6
2	☐	0.100					
3	☐	1.000	0.950	600.02	0.0057	P	5.8
4	☐	100.000	102.125	60831.90	0.5910	P	1.0
5	☐	250.000	256.574	139784.88	1.4845	P	0.6
6	☐	500.000	510.146	248724.22	2.9514	P	0.6
7	☐	1000.000	1016.702	473250.22	5.8818	P	0.6
8	☐	2000.000	1988.185	937241.70	11.5019	P	0.6
9	☐			4504.09	0.0476	P	1.4

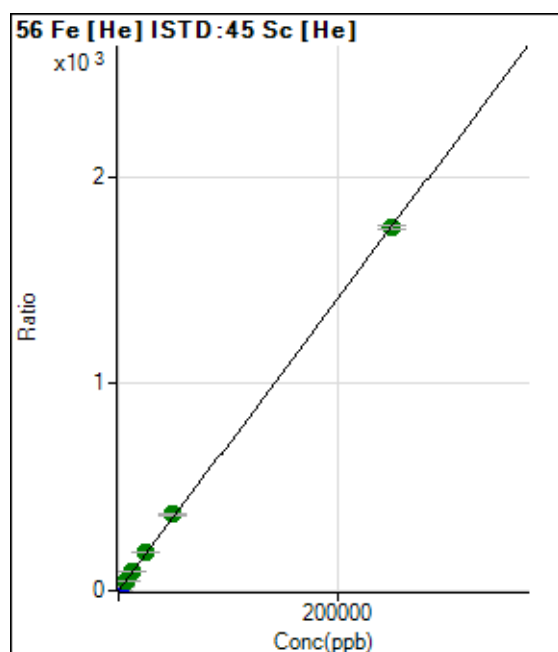
$$y = 0.0058 * x + 2.0667E-004$$

$$R = 0.9999$$

$$DL = 0.03923$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1122.30	0.0110	P	11.2
2	☐	5.000					
3	☐	50.000	55.327	42110.83	0.4003	P	1.2
4	☐	2500.000	2766.786	2005181.93	19.4807	P	0.6
5	☐	6250.000	6766.676	4484832.91	47.6277	A	0.6
6	☐	12500.000	13493.487	8002953.83	94.9639	A	0.7
7	☐	25000.000	26866.965	15212417.59	189.0722	A	0.2
8	☐	50000.000	52216.719	29942812.48	367.4570	A	0.6
9	☐	250000.00	249304.70	166082816.6	1,754.353	A	0.9

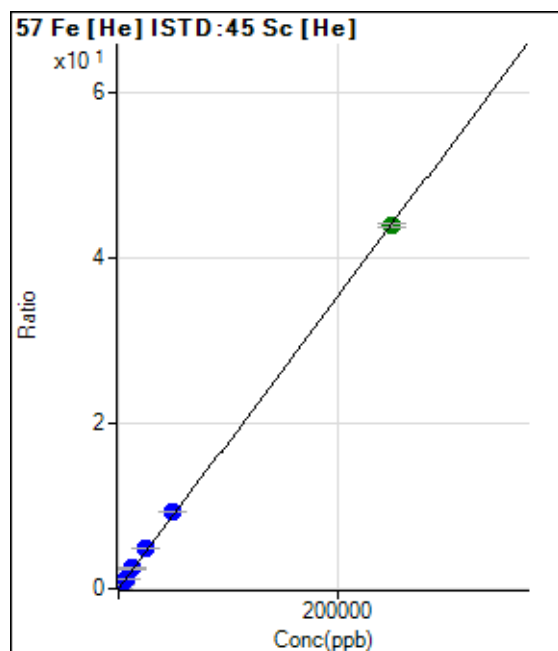
$$y = 0.0070 * x + 0.0110$$

$$R = 0.9999$$

$$DL = 0.524$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35.19	0.0003	P	24.0
2	☐	5.000					
3	☐	50.000	55.577	1064.89	0.0101	P	6.4
4	☐	2500.000	2832.037	51312.12	0.4985	P	1.1
5	☐	6250.000	6938.293	114957.43	1.2208	P	0.5
6	☐	12500.000	13891.117	205953.06	2.4439	P	0.5
7	☐	25000.000	27392.099	387709.76	4.8188	P	1.1
8	☐	50000.000	53117.026	761387.12	9.3439	P	1.1
9	☐	250000.00	249047.30	4147414.36	43.8091	A	0.9

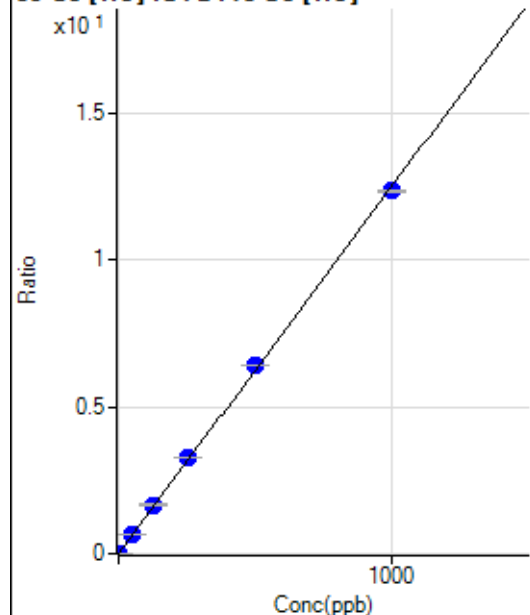
$$y = 1.7591E-004 * x + 3.4417E-004$$

$$R = 0.9999$$

$$DL = 1.408$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0002	P	19.7
2	☐	0.100					
3	☐	1.000	0.988	1316.75	0.0125	P	2.9
4	☐	50.000	54.487	70155.43	0.6816	P	0.2
5	☐	125.000	133.526	157255.25	1.6700	P	0.5
6	☐	250.000	261.293	275386.36	3.2678	P	0.4
7	☐	500.000	514.058	517246.51	6.4288	P	0.5
8	☐	1000.000	988.858	1007706.55	12.3665	P	0.4
9	☐			14105.84	0.1490	P	2.0

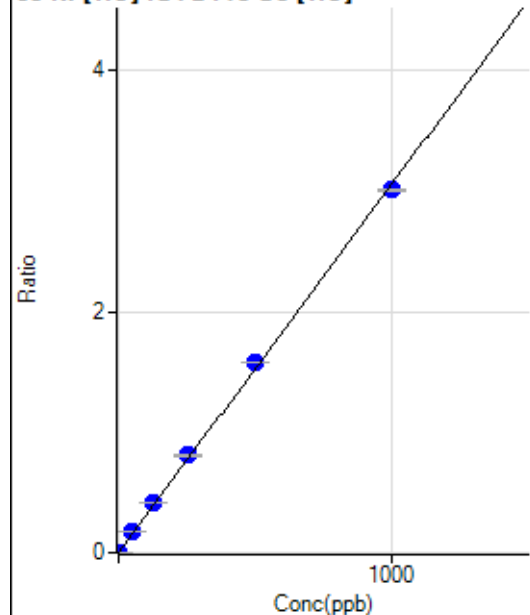
$$y = 0.0125 * x + 1.6298E-004$$

$$R = 0.9998$$

$$DL = 0.007686$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0004	P	18.2
2	☐	0.100					
3	☐	1.000	0.934	340.01	0.0032	P	3.6
4	☐	50.000	55.781	17570.69	0.1707	P	1.4
5	☐	125.000	135.747	39067.56	0.4149	P	0.3
6	☐	250.000	264.820	68176.54	0.8090	P	1.2
7	☐	500.000	517.881	127262.62	1.5817	P	0.4
8	☐	1000.000	985.722	245297.06	3.0103	P	0.6
9	☐			5652.28	0.0597	P	2.0

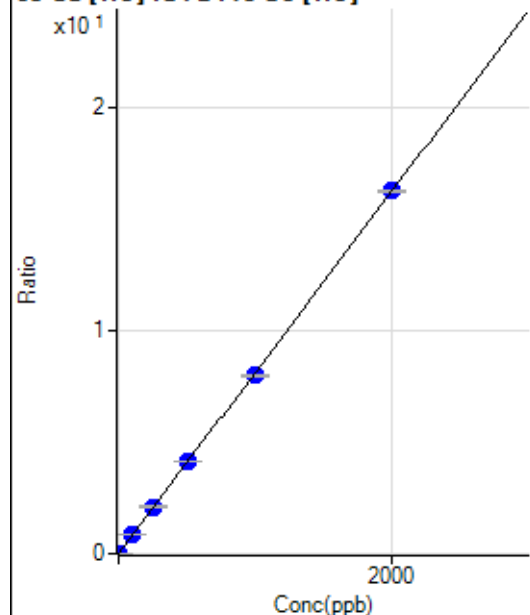
$$y = 0.0031 * x + 3.8077E-004$$

$$R = 0.9996$$

$$DL = 0.06826$$

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	121.11	0.0012	P	20.3
2	☐	0.200					
3	☐	2.000	1.952	1792.36	0.0170	P	4.5
4	☐	100.000	106.459	89151.62	0.8661	P	0.5
5	☐	250.000	259.823	198886.53	2.1121	P	0.3
6	☐	500.000	505.491	346201.48	4.1081	P	0.4
7	☐	1000.000	985.793	644491.71	8.0104	P	0.8
8	☐	2000.000	2004.180	1326952.98	16.2844	P	0.5
9	☐			2174.64	0.0230	P	2.4

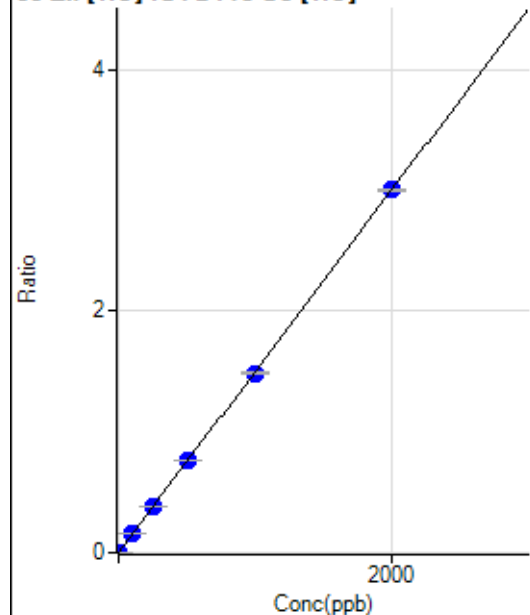
$$y = 0.0081 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.08862$$

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	72.23	0.0007	P	31.2
2	☐	0.200					
3	☐	2.000	1.754	351.12	0.0033	P	4.3
4	☐	100.000	104.523	16204.71	0.1574	P	0.2
5	☐	250.000	254.037	35929.81	0.3816	P	1.7
6	☐	500.000	505.641	63951.40	0.7589	P	0.3
7	☐	1000.000	991.593	119678.50	1.4875	P	0.7
8	☐	2000.000	2002.063	244668.77	3.0026	P	0.4
9	☐			3452.68	0.0365	P	3.3

$$y = 0.0015 * x + 7.0861E-004$$

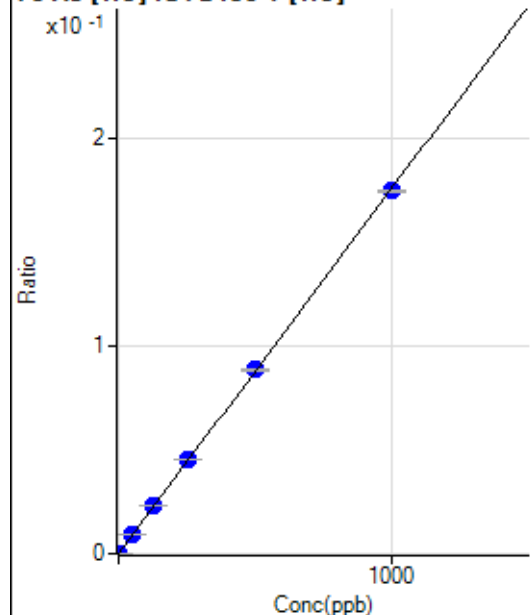
$$R = 1.0000$$

$$DL = 0.4422$$

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	2.47	0.0000	P	42.2
2	☐	0.100					
3	☐	1.000	0.977	93.21	0.0002	P	19.4
4	☐	50.000	52.964	4840.97	0.0093	P	1.1
5	☐	125.000	132.678	11139.51	0.0233	P	0.3
6	☐	250.000	258.131	19652.85	0.0454	P	0.4
7	☐	500.000	505.439	37048.33	0.0888	P	0.9
8	☐	1000.000	994.140	72770.72	0.1747	P	0.4
9	☐			109.88	0.0002	P	2.4

$$y = 1.7568\text{E-}004 * x + 4.7608\text{E-}006$$

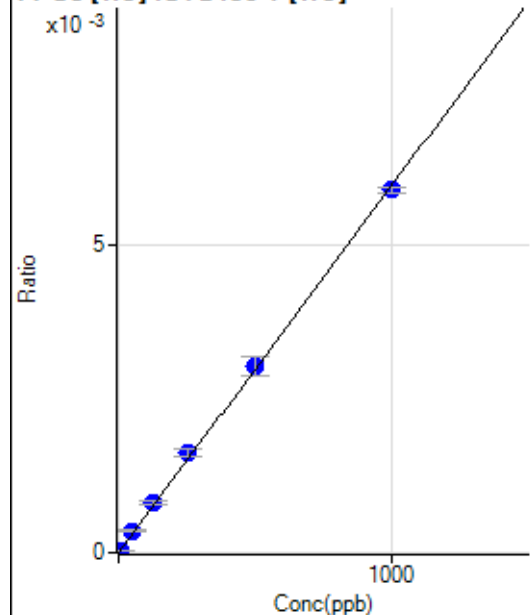
$$R = 0.9999$$

$$DL = 0.03431$$

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	4.222	13.34	0.0000	P	43.2
4	☐	50.000	58.627	182.23	0.0004	P	9.2
5	☐	125.000	134.685	384.46	0.0008	P	7.4
6	☐	250.000	273.270	707.81	0.0016	P	7.5
7	☐	500.000	507.548	1265.63	0.0030	P	10.1
8	☐	1000.000	988.770	2462.47	0.0059	P	1.7
9	☐			1.11	0.0000	P	173.2

$$y = 5.9771\text{E-}006 * x + 0.0000\text{E+}000$$

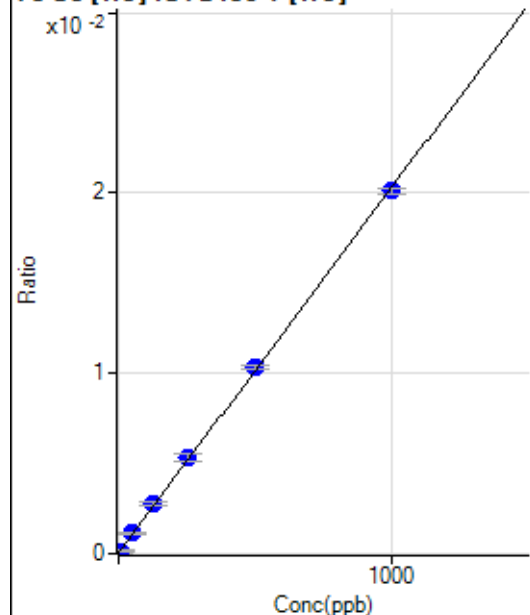
$$R = 0.9996$$

$$DL = 0$$

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	20.99	0.0000	P	39.1
2	☐	0.500					
3	☐	5.000	5.272	77.78	0.0001	P	22.1
4	☐	50.000	53.815	587.67	0.0011	P	7.8
5	☐	125.000	135.103	1326.00	0.0028	P	5.5
6	☐	250.000	261.724	2313.17	0.0053	P	7.0
7	☐	500.000	508.543	4311.79	0.0103	P	1.9
8	☐	1000.000	991.343	8377.78	0.0201	P	1.4
9	☐			22.22	0.0000	P	8.7

$$y = 2.0241\text{E-}005 * x + 4.0561\text{E-}005$$

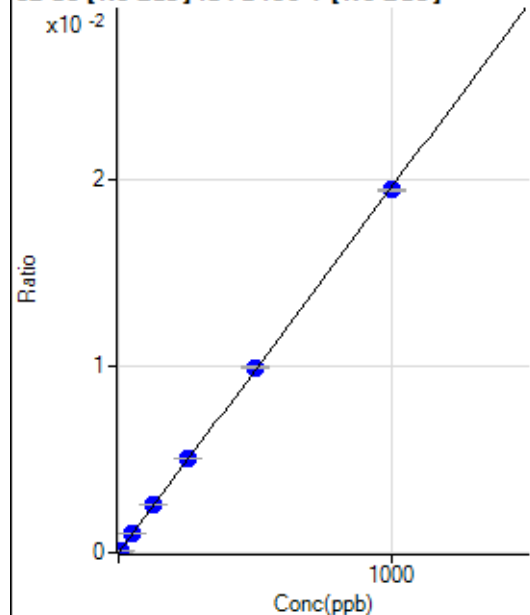
$$R = 0.9998$$

$$DL = 2.348$$

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	-3.87	0.0000	P	-658.
2	☐	0.500					
3	☐	5.000	5.041	305.15	0.0001	P	7.3
4	☐	50.000	52.356	3215.91	0.0010	P	2.2
5	☐	125.000	131.909	7806.75	0.0026	P	0.7
6	☐	250.000	258.390	13753.87	0.0051	P	0.3
7	☐	500.000	507.755	25382.60	0.0099	P	0.7
8	☐	1000.000	993.043	48873.44	0.0194	P	0.5
9	☐			20.66	0.0000	P	52.0

$$y = 1.9561\text{E-}005 * x - 1.2774\text{E-}006$$

$$R = 0.9999$$

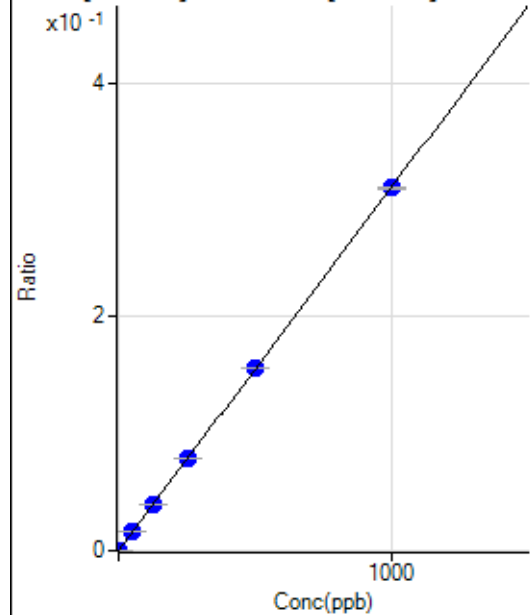
$$DL = 1.29$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	25.3
2	☐						
3	☐			72.22		P	25.4
4	☐			65.55		P	10.6
5	☐			85.56		P	25.0
6	☐			62.22		P	13.5
7	☐			61.11		P	13.7
8	☐			51.11		P	16.4
9	☐			82.22		P	9.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.01	0.0000	P	6.8
2	☐	0.100					
3	☐	1.000	0.918	1019.53	0.0003	P	7.1
4	☐	50.000	51.199	50102.32	0.0159	P	1.8
5	☐	125.000	125.290	117874.05	0.0389	P	0.9
6	☐	250.000	252.037	213084.62	0.0783	P	0.3
7	☐	500.000	502.537	398892.38	0.1561	P	0.9
8	☐	1000.000	998.126	779873.17	0.3099	P	0.7
9	☐			3736.75	0.0014	P	2.2

$$y = 3.1047\text{E-}004 * x + 4.0287\text{E-}005$$

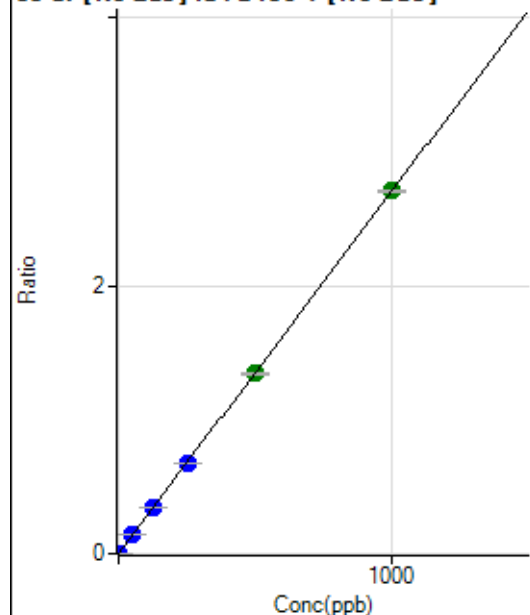
$$R = 1.0000$$

$$DL = 0.02654$$

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	27.78	0.0000	P	62.6
2	☐	0.100					
3	☐	1.000	0.894	7602.30	0.0024	P	4.7
4	☐	50.000	50.851	432126.46	0.1374	P	0.3
5	☐	125.000	125.405	1026008.96	0.3389	P	0.1
6	☐	250.000	247.393	1819843.20	0.6686	P	0.2
7	☐	500.000	497.413	3436095.78	1.3443	A	0.8
8	☐	1000.000	1001.852	6813317.43	2.7077	A	0.5
9	☐			31833.40	0.0121	P	1.3

$$y = 0.0027 * x + 8.9494E-006$$

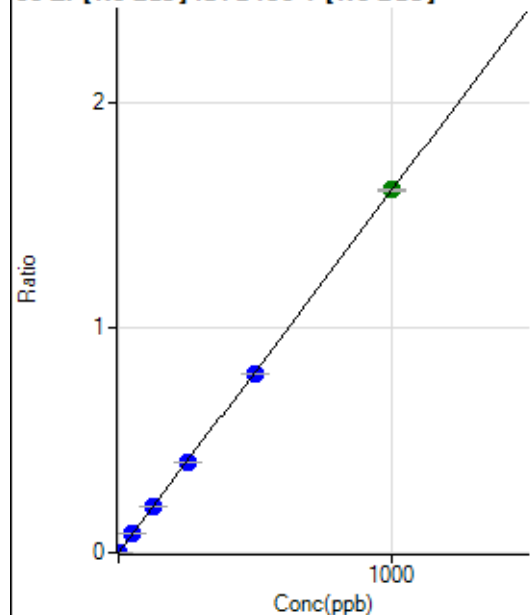
$$R = 1.0000$$

$$DL = 0.006216$$

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	216.68	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.855	4525.90	0.0014	P	0.6
4	☐	50.000	51.217	258951.63	0.0824	P	0.4
5	☐	125.000	126.619	616050.08	0.2035	P	0.8
6	☐	250.000	249.165	1089917.91	0.4004	P	0.4
7	☐	500.000	495.834	2036547.49	0.7968	P	0.2
8	☐	1000.000	1002.029	4051420.62	1.6101	A	0.4
9	☐			1933.55	0.0007	P	11.6

$$y = 0.0016 * x + 6.9836E-005$$

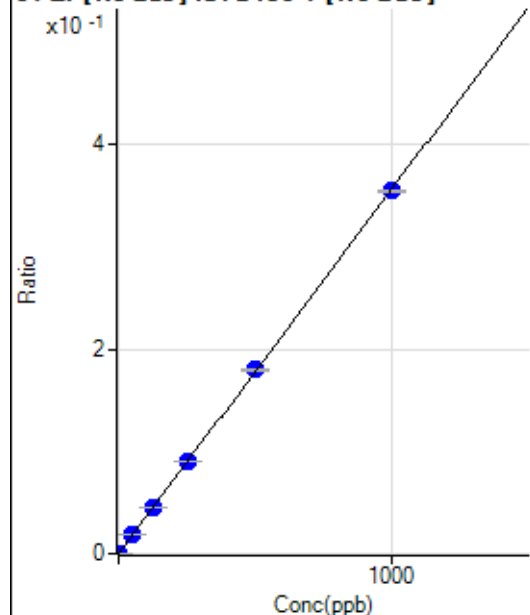
$$R = 1.0000$$

$$DL = 0.005589$$

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	44.45	0.0000	P	46.6
2	☐	0.100					
3	☐	1.000	0.939	1091.75	0.0003	P	7.8
4	☐	50.000	51.204	57312.72	0.0182	P	1.7
5	☐	125.000	127.952	137825.81	0.0455	P	0.7
6	☐	250.000	253.574	245553.81	0.0902	P	0.4
7	☐	500.000	504.679	458896.02	0.1795	P	0.4
8	☐	1000.000	996.338	891834.87	0.3544	P	0.3
9	☐			444.47	0.0002	P	12.9

$$y = 3.5572E-004 * x + 1.4298E-005$$

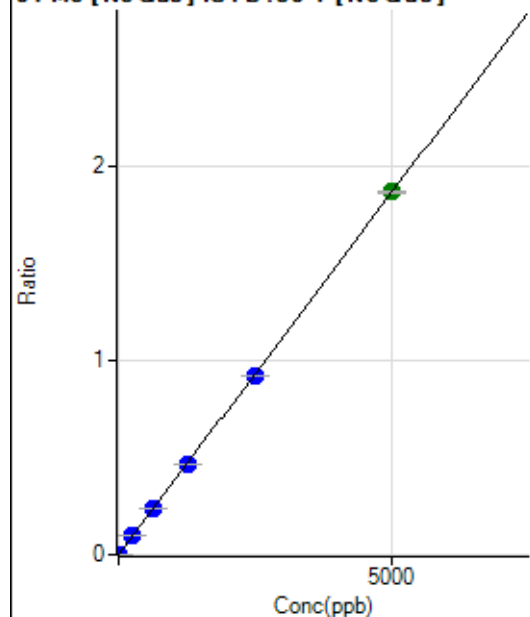
$$R = 1.0000$$

$$DL = 0.05623$$

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	69.45	0.0000	P	18.7
2	☐	0.500					
3	☐	5.000	4.973	5887.60	0.0019	P	2.1
4	☐	250.000	255.345	299721.42	0.0953	P	0.9
5	☐	625.000	634.838	717374.73	0.2370	P	0.1
6	☐	1250.000	1250.279	1270210.77	0.4667	P	0.5
7	☐	2500.000	2467.122	2353778.83	0.9209	P	0.6
8	☐	5000.000	5014.872	4710021.50	1.8718	A	0.6
9	☐			3450.56	0.0013	P	5.6

$$y = 3.7325E-004 * x + 2.2391E-005$$

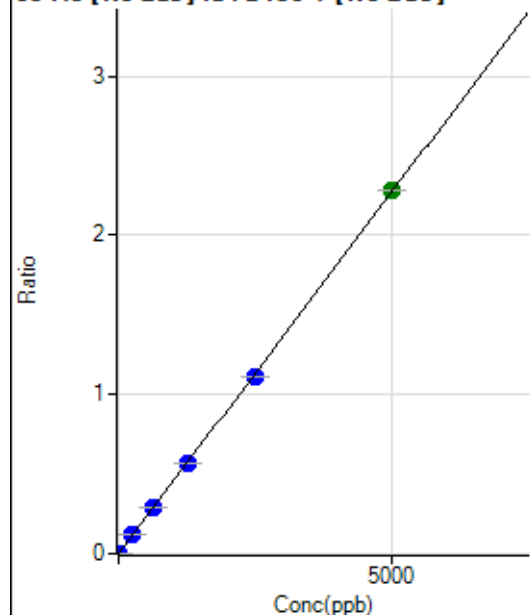
$$R = 1.0000$$

$$DL = 0.03359$$

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	11.11	0.0000	P	114.2
2	☐	0.500					
3	☐	5.000	5.085	7246.59	0.0023	P	2.3
4	☐	250.000	256.135	365580.08	0.1163	P	0.1
5	☐	625.000	633.437	870456.03	0.2876	P	0.3
6	☐	1250.000	1246.616	1540330.17	0.5659	P	0.4
7	☐	2500.000	2455.375	2849036.13	1.1146	P	0.5
8	☐	5000.000	5021.797	5736211.89	2.2797	A	0.1
9	☐			5092.78	0.0019	P	7.2

$$y = 4.5395E-004 * x + 3.5667E-006$$

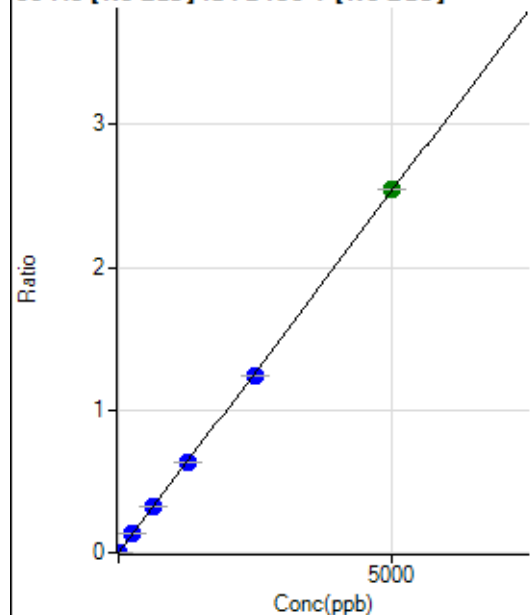
$$R = 0.9999$$

$$DL = 0.02691$$

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	22.22	0.0000	P	78.2
2	☐	0.500					
3	☐	5.000	4.828	7680.17	0.0025	P	2.8
4	☐	250.000	255.506	406475.19	0.1293	P	0.3
5	☐	625.000	631.490	967227.43	0.3195	P	0.0
6	☐	1250.000	1245.383	1715053.68	0.6301	P	0.4
7	☐	2500.000	2453.314	3172766.76	1.2413	P	0.4
8	☐	5000.000	5023.411	6395463.08	2.5417	A	0.2
9	☐			6276.59	0.0024	P	4.5

$$y = 5.0596E-004 * x + 7.1736E-006$$

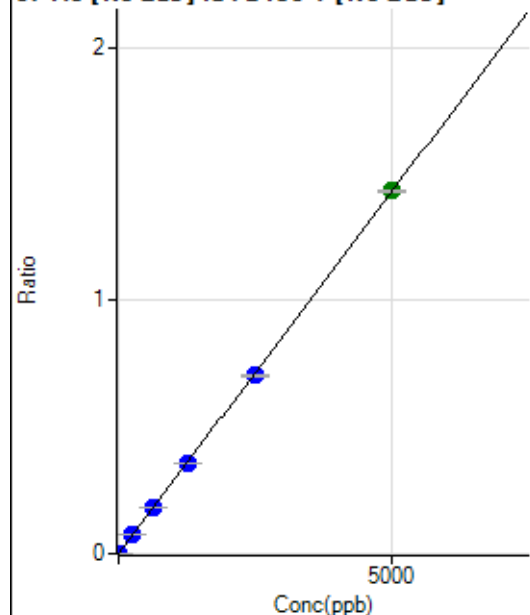
$$R = 0.9999$$

$$DL = 0.03327$$

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	22.22	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.836	4356.40	0.0014	P	6.8
4	☐	250.000	255.267	229537.22	0.0730	P	0.5
5	☐	625.000	633.966	548873.71	0.1813	P	0.9
6	☐	1250.000	1247.375	970944.53	0.3567	P	0.3
7	☐	2500.000	2464.961	1801793.16	0.7049	P	0.6
8	☐	5000.000	5016.792	3609998.52	1.4347	A	0.4
9	☐			3011.57	0.0011	P	4.3

$$y = 2.8598E-004 * x + 7.1580E-006$$

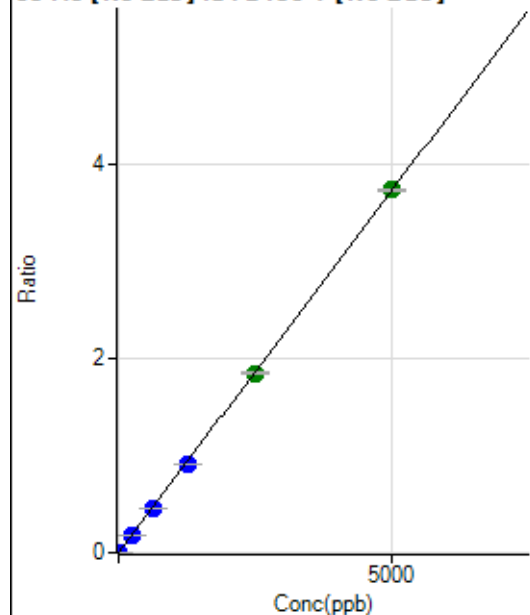
$$R = 1.0000$$

$$DL = 0.01602$$

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	8.33	0.0000	P	0.6
2	☐	0.500					
3	☐	5.000	4.833	11285.40	0.0036	P	0.9
4	☐	250.000	250.251	585717.96	0.1863	P	0.3
5	☐	625.000	620.964	1399342.80	0.4623	P	0.4
6	☐	1250.000	1220.496	2473048.56	0.9086	P	0.6
7	☐	2500.000	2482.919	4724335.57	1.8483	A	0.3
8	☐	5000.000	5016.408	9396521.39	3.7343	A	0.4
9	☐			8133.21	0.0031	P	7.4

$$y = 7.4441E-004 * x + 2.6845E-006$$

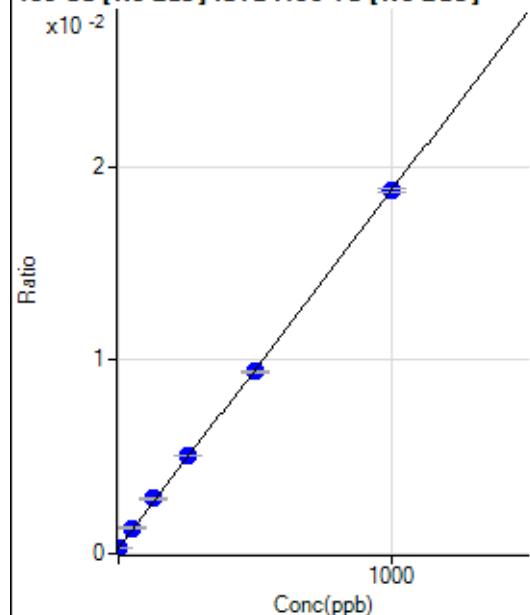
$$R = 1.0000$$

$$DL = 6.194E-05$$

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	1336.23	0.0003	P	9.5
2	☐	0.100					
3	☐	1.000	0.758	1327.90	0.0003	P	7.5
4	☐	50.000	55.480	5893.14	0.0013	P	4.5
5	☐	125.000	139.799	12656.15	0.0029	P	3.5
6	☐	250.000	259.137	21339.00	0.0051	P	1.2
7	☐	500.000	493.456	38322.15	0.0094	P	1.7
8	☐	1000.000	998.864	76564.98	0.0188	P	1.2
9	☐			1088.98	0.0003	P	6.1

$$y = 1.8487\text{E-}005 * x + 2.8826\text{E-}004$$

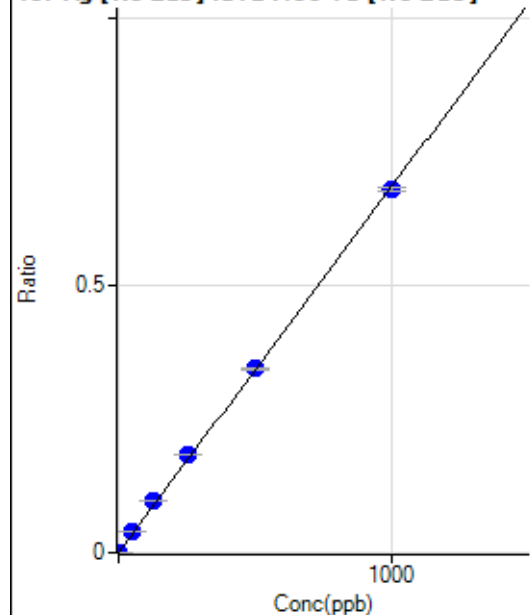
$$R = 0.9998$$

$$DL = 4.445$$

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	36.11	0.0000	P	113.5
2	☐	0.100					
3	☐	1.000	0.740	2258.61	0.0005	P	4.6
4	☐	50.000	59.706	183266.88	0.0409	P	1.1
5	☐	125.000	143.649	433038.32	0.0983	P	1.0
6	☐	250.000	266.133	765070.06	0.1821	P	0.3
7	☐	500.000	503.074	1401656.26	0.3442	P	0.9
8	☐	1000.000	991.614	2769908.31	0.6785	P	1.1
9	☐			458.36	0.0001	P	10.9

$$y = 6.8421\text{E-}004 * x + 7.7683\text{E-}006$$

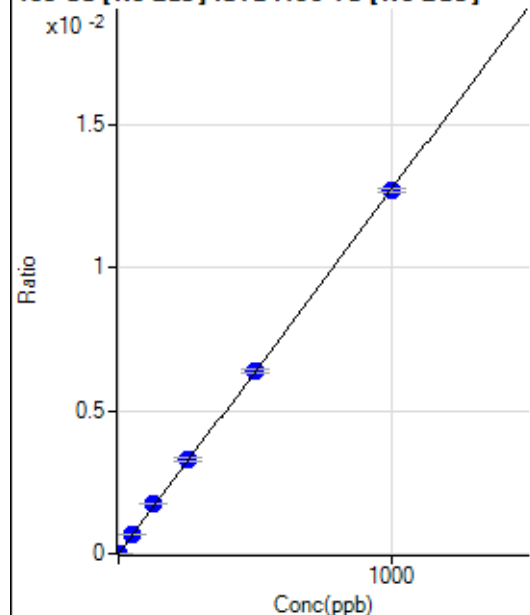
$$R = 0.9997$$

$$DL = 0.03867$$

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	173.2
2	☐	0.100					
3	☐	1.000	1.243	72.22	0.0000	P	6.6
4	☐	50.000	54.440	3115.69	0.0007	P	2.3
5	☐	125.000	135.783	7628.59	0.0017	P	0.4
6	☐	250.000	257.420	13790.23	0.0033	P	3.1
7	☐	500.000	501.126	26015.77	0.0064	P	1.9
8	☐	1000.000	996.012	51841.90	0.0127	P	0.9
9	☐			22.22	0.0000	P	54.7

$$y = 1.2749\text{E-}005 * x + 5.9886\text{E-}007$$

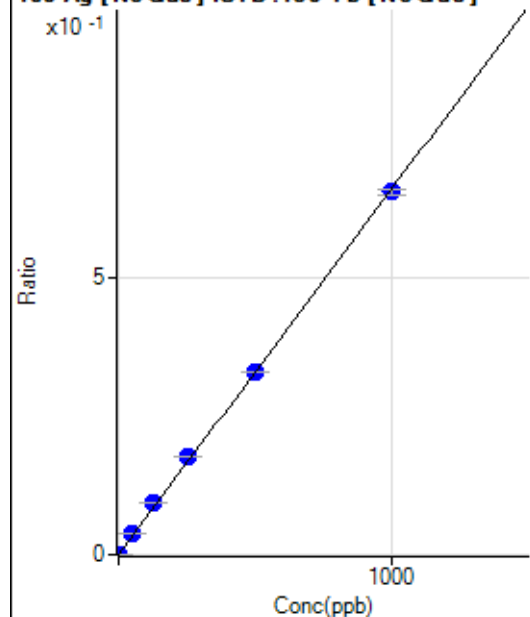
$$R = 0.9999$$

$$DL = 0.2441$$

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	19.44	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.739	2153.04	0.0005	P	5.8
4	☐	50.000	59.459	175446.89	0.0391	P	0.1
5	☐	125.000	143.076	414626.43	0.0941	P	0.4
6	☐	250.000	266.433	736314.22	0.1753	P	0.3
7	☐	500.000	500.410	1340393.74	0.3292	P	0.8
8	☐	1000.000	992.955	2666520.98	0.6532	P	1.3
9	☐			684.49	0.0002	P	84.9

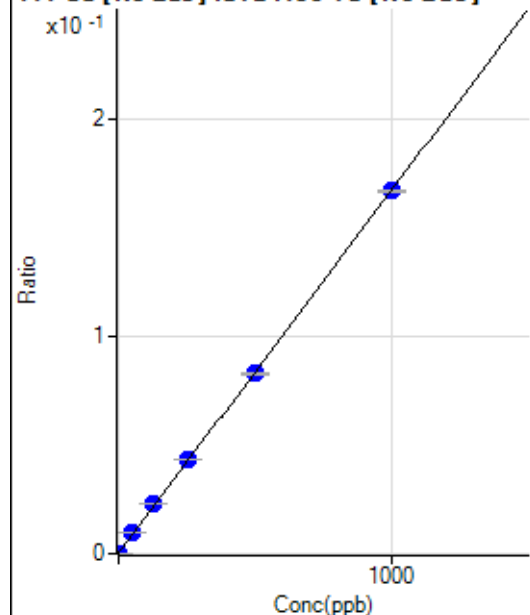
$$y = 6.5778\text{E-}004 * x + 4.1933\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.009467$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	937.59	0.0002	P	9.5
2	☐	0.100					
3	☐	1.000	1.003	1624.84	0.0004	P	1.0
4	☐	50.000	55.690	42630.58	0.0095	P	0.8
5	☐	125.000	136.129	101062.55	0.0229	P	0.6
6	☐	250.000	258.070	181936.64	0.0433	P	1.1
7	☐	500.000	495.462	337826.36	0.0830	P	0.9
8	☐	1000.000	998.576	681777.70	0.1670	P	0.7
9	☐			892.57	0.0002	P	8.2

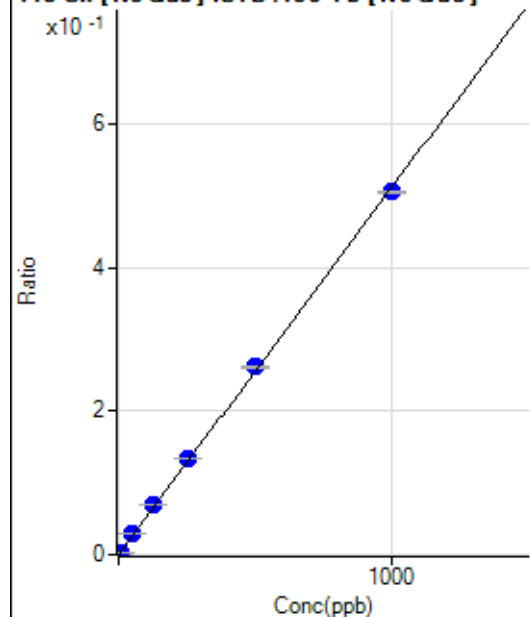
$$y = 1.6703\text{E-}004 * x + 2.0226\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	272.24	0.0001	P	12.0
2	☐	0.500					
3	☐	5.000	5.387	12350.34	0.0028	P	1.3
4	☐	50.000	56.419	129561.43	0.0289	P	1.5
5	☐	125.000	136.997	308633.13	0.0701	P	0.3
6	☐	250.000	263.347	565536.82	0.1346	P	0.5
7	☐	500.000	511.988	1065481.54	0.2617	P	0.8
8	☐	1000.000	988.847	2062935.05	0.5053	P	0.6
9	☐			1633.50	0.0004	P	9.3

$$y = 5.1095\text{E-}004 * x + 5.8731\text{E-}005$$

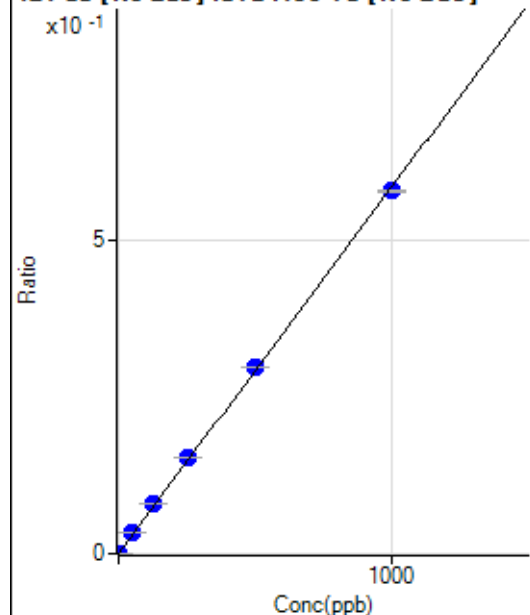
$$R = 0.9998$$

$$DL = 0.04137$$

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	22.22	0.0000	P	57.4
2	☐	0.200					
3	☐	2.000	2.048	5273.44	0.0012	P	1.9
4	☐	50.000	55.799	146103.76	0.0326	P	0.2
5	☐	125.000	136.738	351630.34	0.0798	P	0.7
6	☐	250.000	263.244	645522.45	0.1537	P	0.6
7	☐	500.000	509.050	1209924.14	0.2971	P	0.7
8	☐	1000.000	990.407	2360050.88	0.5781	P	0.7
9	☐			3809.02	0.0009	P	6.0

$$y = 5.8368\text{E-}004 * x + 4.7973\text{E-}006$$

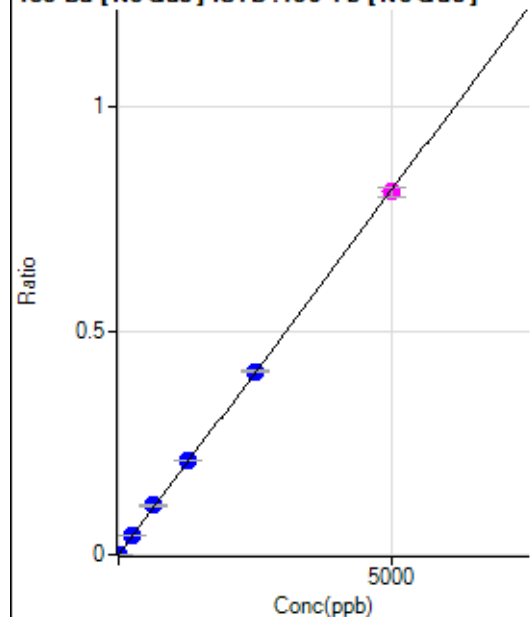
$$R = 0.9998$$

$$DL = 0.01415$$

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	16.67	0.0000	P	86.6
2	☐	1.000					
3	☐	10.000	10.132	7268.84	0.0017	P	5.5
4	☐	250.000	273.823	200150.30	0.0446	P	0.5
5	☐	625.000	673.281	483345.42	0.1097	P	0.5
6	☐	1250.000	1284.944	879653.16	0.2094	P	0.5
7	☐	2500.000	2512.184	1666965.91	0.4094	P	0.9
8	☐	5000.000	4977.945	3311611.70	0.8112	M	2.4
9	☐			936.18	0.0002	P	15.6

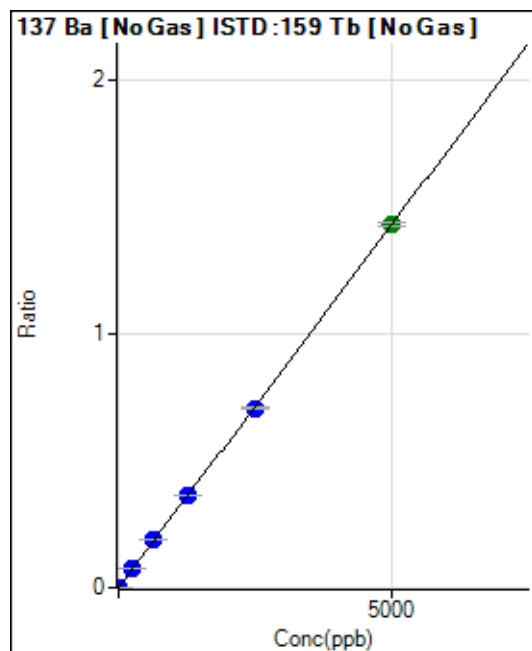
$$y = 1.6295\text{E-}004 * x + 3.6021\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.05743$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	100.2
2	☐	1.000					
3	☐	10.000	10.351	12992.70	0.0030	P	3.2
4	☐	250.000	273.553	350393.12	0.0781	P	0.8
5	☐	625.000	667.676	839981.07	0.1907	P	0.3
6	☐	1250.000	1275.310	1530073.28	0.3642	P	0.3
7	☐	2500.000	2474.373	2877291.21	0.7066	P	0.9
8	☐	5000.000	4999.973	5829142.92	1.4278	A	1.0
9	☐			1547.38	0.0004	P	13.6

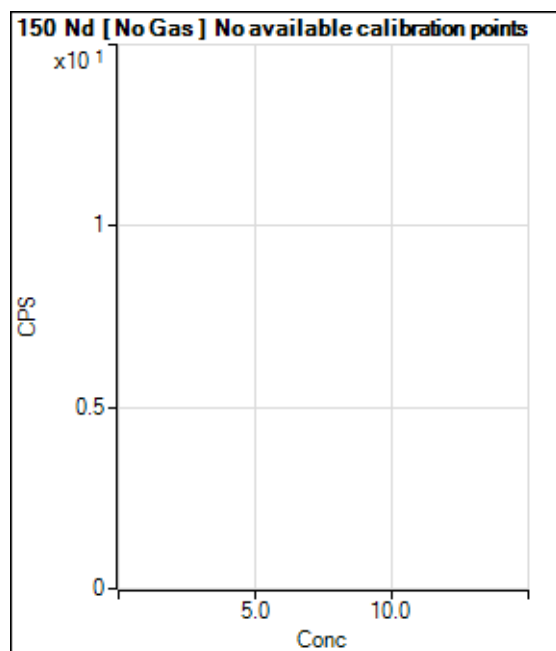
$$y = 2.8557E-004 * x + 1.8023E-006$$

$$R = 0.9999$$

$$DL = 0.01896$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			26.67		P	50.0
5	☐			71.11		P	27.1
6	☐			100.00		P	20.0
7	☐			117.78		P	44.0
8	☐			271.12		P	7.1
9	☐			71.11		P	14.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			6.67		P	50.0
7	☐			18.89		P	27.0
8	☐			33.33		P	30.0
9	☐			26.66		P	21.7

156 Dy [No Gas] No available calibration points

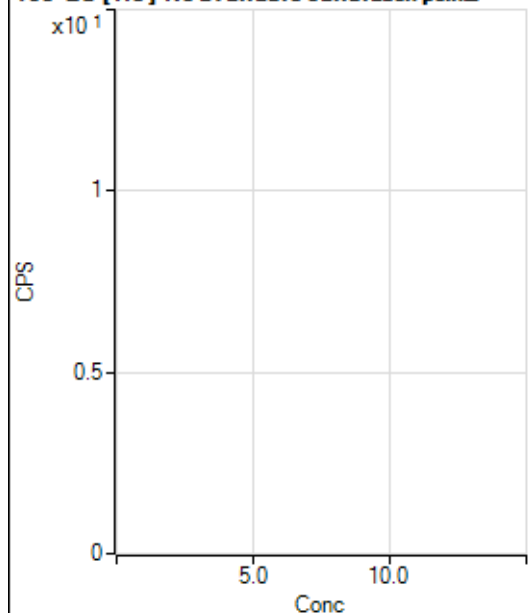
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			2.78		P	173.2
4	☐			5.56		P	173.2
5	☐			5.55		P	86.6
6	☐			16.67		P	50.0
7	☐			30.55		P	15.7
8	☐			69.45		P	13.9
9	☐			36.11		P	26.7

156 Dy [He] No available calibration points

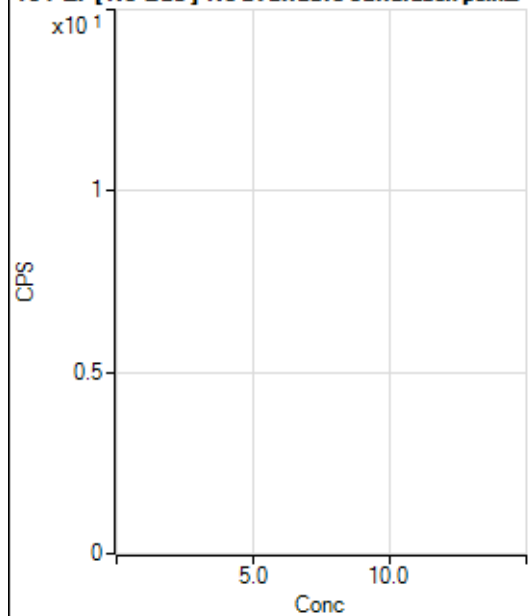
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			5.56		P	91.6
5	☐			11.11		P	45.8
6	☐			14.44		P	53.3
7	☐			25.56		P	19.9
8	☐			62.22		P	8.2
9	☐			8.89		P	21.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			27.78		P	45.8
4	☐			25.00		P	33.3
5	☐			33.34		P	66.1
6	☐			27.78		P	69.3
7	☐			27.78		P	17.3
8	☐			19.44		P	65.5
9	☐			36.11		P	48.0

160 Gd [He] No available calibration points

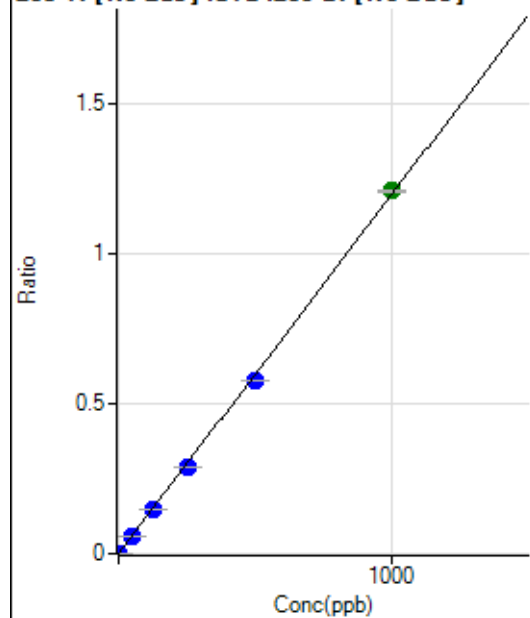
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	5.3
2	☐						
3	☐			67.78		P	11.4
4	☐			73.33		P	13.6
5	☐			56.67		P	25.6
6	☐			76.67		P	19.9
7	☐			56.67		P	25.6
8	☐			54.44		P	3.5
9	☐			74.45		P	33.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐						
3	☐			5.55		P	86.6
4	☐			13.89		P	91.6
5	☐			16.67		P	50.0
6	☐			13.89		P	34.7
7	☐			16.66		P	86.6
8	☐			22.22		P	43.3
9	☐			33.33		P	0.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐						
3	☐			6.67		P	50.0
4	☐			4.44		P	114.6
5	☐			11.11		P	17.3
6	☐			5.56		P	34.7
7	☐			11.11		P	17.3
8	☐			4.44		P	114.6
9	☐			12.22		P	15.7

203 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	36.8
2	☐	0.100					
3	☐	1.000	0.911	3545.08	0.0011	P	2.1
4	☐	50.000	49.412	190800.80	0.0590	P	0.8
5	☐	125.000	122.199	466745.64	0.1460	P	0.6
6	☐	250.000	243.086	902765.73	0.2904	P	0.2
7	☐	500.000	482.433	1728541.75	0.5763	P	0.5
8	☐	1000.000	1010.892	3514680.46	1.2075	A	0.4
9	☐			1333.46	0.0005	P	4.5

$$y = 0.0012 * x + 1.9950E-005$$

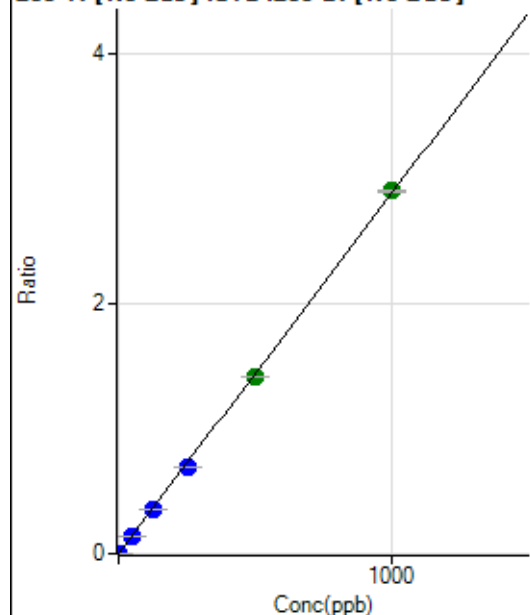
$$R = 0.9997$$

$$DL = 0.01845$$

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	155.56	0.0000	P	26.9
2	☐	0.100					
3	☐	1.000	0.895	8389.09	0.0026	P	4.4
4	☐	50.000	49.577	461028.05	0.1427	P	0.5
5	☐	125.000	121.367	1116354.41	0.3492	P	0.7
6	☐	250.000	240.344	2149551.80	0.6914	P	0.2
7	☐	500.000	490.581	4232966.16	1.4112	A	0.6
8	☐	1000.000	1007.599	8436173.28	2.8985	A	0.5
9	☐			3445.05	0.0013	P	1.7

$$y = 0.0029 * x + 4.8648E-005$$

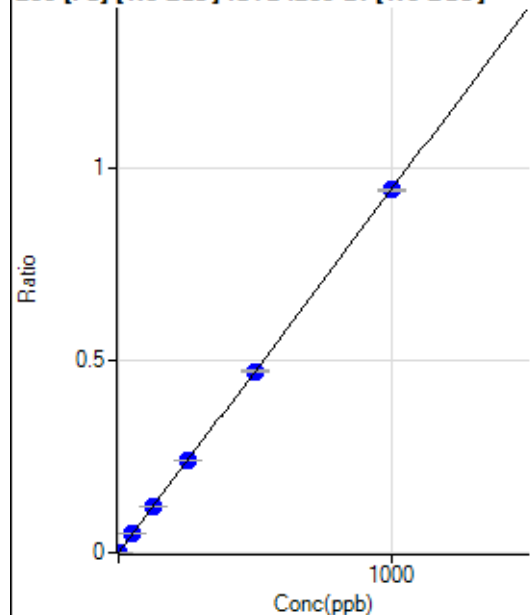
$$R = 0.9999$$

$$DL = 0.01363$$

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	248.16	0.0001	P	17.0
2	☐	0.100					
3	☐	1.000	0.960	3148.61	0.0010	P	1.1
4	☐	50.000	51.931	158735.25	0.0491	P	0.6
5	☐	125.000	128.248	387465.34	0.1212	P	0.2
6	☐	250.000	254.569	747614.84	0.2405	P	0.5
7	☐	500.000	499.673	1415620.92	0.4719	P	0.2
8	☐	1000.000	998.519	2744770.23	0.9430	P	0.2
9	☐			4941.80	0.0019	P	4.9

$$y = 9.4435E-004 * x + 7.7622E-005$$

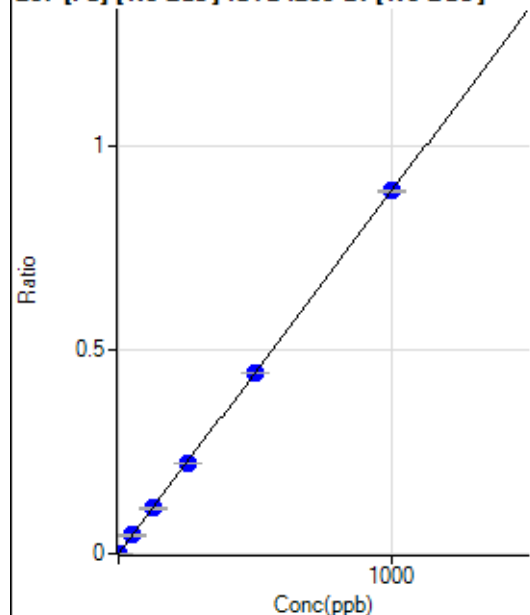
$$R = 1.0000$$

$$DL = 0.04197$$

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	242.60	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.876	2737.40	0.0009	P	5.5
4	☐	50.000	50.340	145094.31	0.0449	P	1.1
5	☐	125.000	125.188	356609.34	0.1115	P	1.2
6	☐	250.000	248.909	689249.32	0.2217	P	0.2
7	☐	500.000	499.566	1334464.83	0.4449	P	0.4
8	☐	1000.000	1000.449	2592942.30	0.8909	P	0.3
9	☐			4248.95	0.0016	P	3.3

$$y = 8.9038\text{E-}004 * x + 7.5852\text{E-}005$$

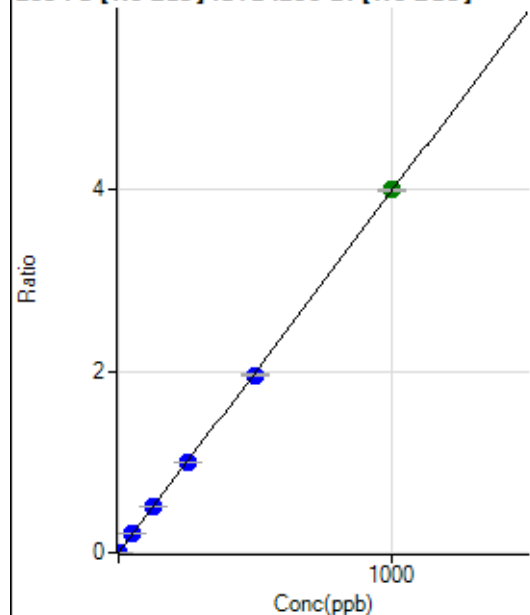
$$R = 1.0000$$

$$DL = 0.0396$$

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	1014.86	0.0003	P	4.1
2	☐	0.100					
3	☐	1.000	0.897	12434.10	0.0039	P	3.1
4	☐	50.000	50.732	653737.01	0.2023	P	0.5
5	☐	125.000	125.651	1600373.48	0.5006	P	0.7
6	☐	250.000	248.267	3073833.25	0.9887	P	0.0
7	☐	500.000	491.963	5875886.43	1.9589	P	0.4
8	☐	1000.000	1004.334	11639054.98	3.9988	A	0.2
9	☐			19487.61	0.0075	P	1.7

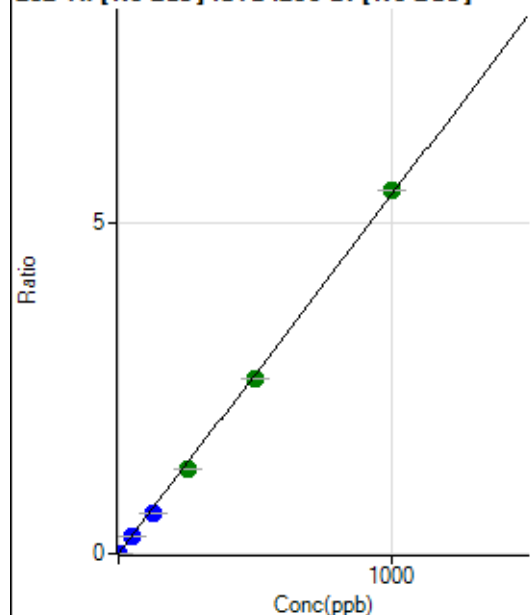
$$y = 0.0040 * x + 3.1748\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.009844$$

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	12.96	0.0000	P	25.5
2	☐	0.100					
3	☐	1.000	0.804	13948.47	0.0044	P	1.8
4	☐	50.000	45.952	804948.40	0.2491	P	0.5
5	☐	125.000	114.775	1989103.91	0.6221	P	0.0
6	☐	250.000	235.087	3961600.46	1.2743	A	0.4
7	☐	500.000	487.806	7930873.73	2.6441	A	0.7
8	☐	1000.000	1011.306	15955302.44	5.4817	A	0.2
9	☐			4034.09	0.0016	P	16.5

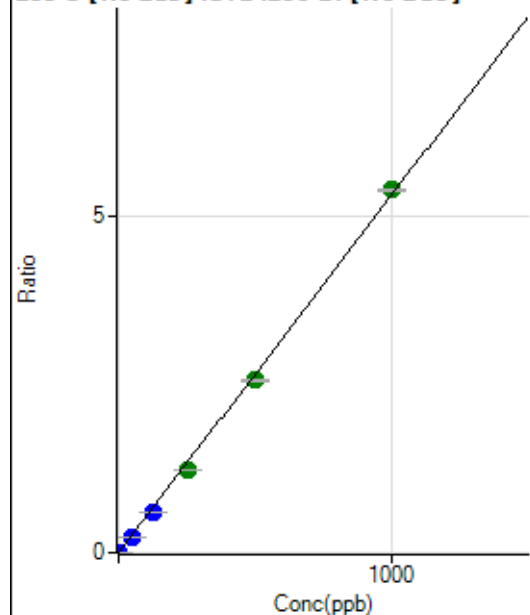
$$y = 0.0054 * x + 4.0597E-006$$

$$R = 0.9998$$

$$DL = 0.0005721$$

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	41.67	0.0000	P	53.0
2	☐	0.100					
3	☐	1.000	0.838	14255.64	0.0045	P	3.5
4	☐	50.000	45.417	778747.47	0.2410	P	0.7
5	☐	125.000	112.771	1912987.95	0.5983	P	0.3
6	☐	250.000	231.875	3824728.69	1.2302	A	0.4
7	☐	500.000	482.419	7677244.44	2.5595	A	0.7
8	☐	1000.000	1015.080	15675736.46	5.3856	A	0.2
9	☐			2981.04	0.0012	P	15.2

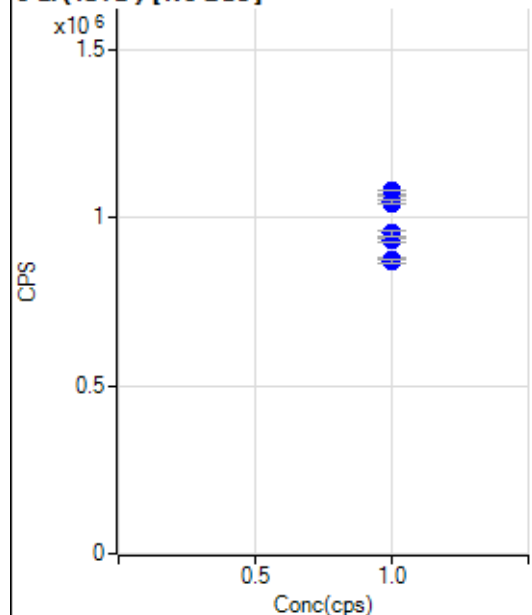
$$y = 0.0053 * x + 1.3033E-005$$

$$R = 0.9996$$

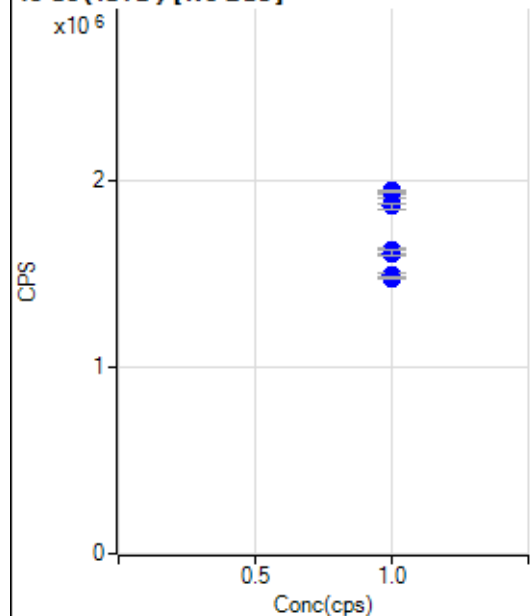
$$DL = 0.003907$$

Weight: <None>

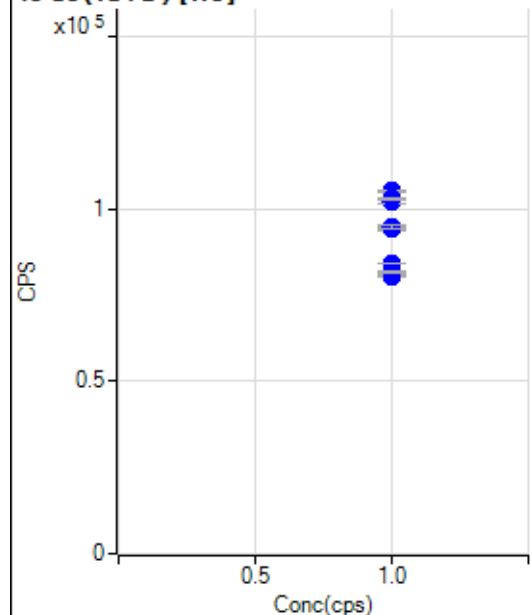
Min Conc: 0

6 Li (ISTD) [No Gas]

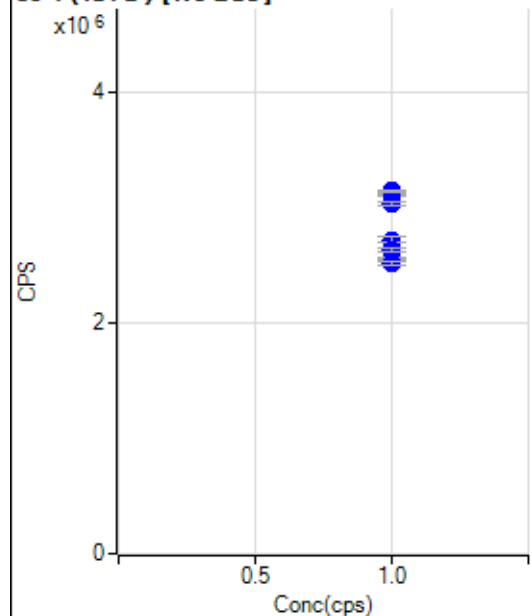
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1042311.79		P	0.3
2	☐	1.000					
3	☐	1.000		1066789.77		P	0.3
4	☐	1.000		1079448.57		P	0.1
5	☐	1.000		1047196.25		P	1.4
6	☐	1.000		932783.80		P	1.8
7	☐	1.000		877856.59		P	0.6
8	☐	1.000		868582.45		P	1.1
9	☐	1.000		953058.73		P	2.0

45 Sc (ISTD) [No Gas]

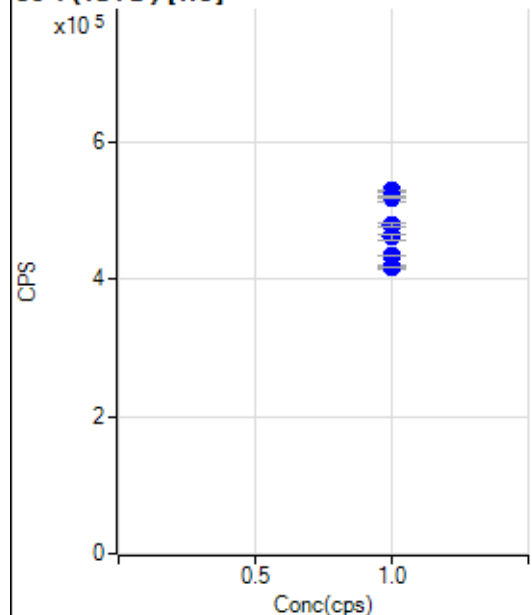
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1907610.70		P	0.4
2	☐	1.000					
3	☐	1.000		1938308.11		P	0.6
4	☐	1.000		1945856.79		P	0.2
5	☐	1.000		1862211.85		P	1.3
6	☐	1.000		1626857.44		P	1.7
7	☐	1.000		1495459.91		P	1.2
8	☐	1.000		1478503.55		P	0.9
9	☐	1.000		1610552.61		P	1.9

45 Sc (ISTD) [He]

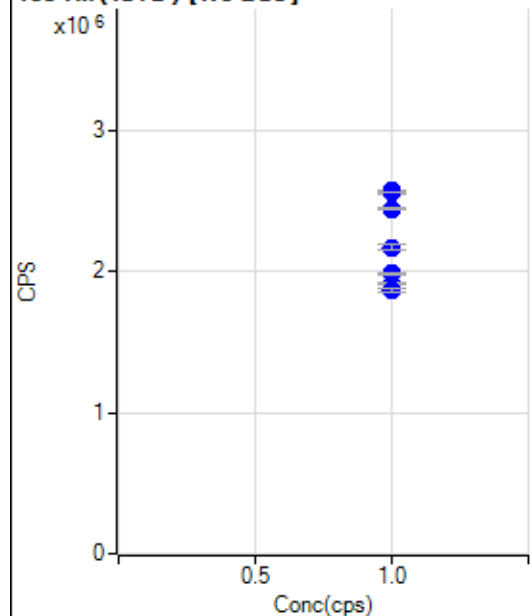
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		102199.10		P	1.3
2	☐	1.000					
3	☐	1.000		105196.46		P	0.6
4	☐	1.000		102934.13		P	0.6
5	☐	1.000		94165.79		P	1.4
6	☐	1.000		84273.41		P	0.3
7	☐	1.000		80458.16		P	0.5
8	☐	1.000		81488.14		P	0.6
9	☐	1.000		94668.65		P	1.3

89 Y (ISTD) [No Gas]

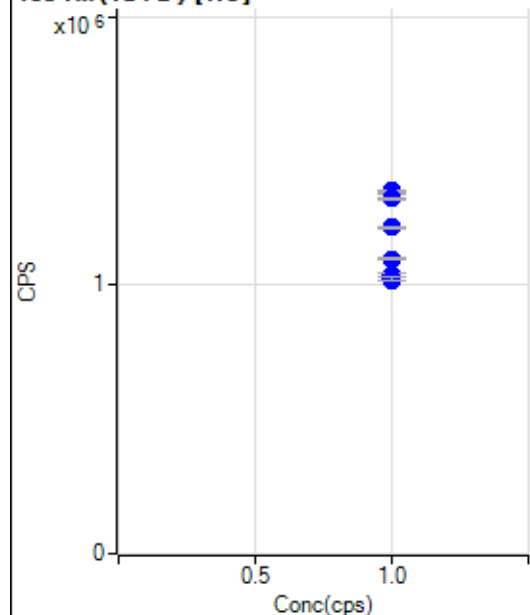
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3103102.73		P	0.6
2	☐	1.000					
3	☐	1.000		3134573.91		P	0.5
4	☐	1.000		3144052.00		P	0.3
5	☐	1.000		3027157.49		P	0.9
6	☐	1.000		2721831.00		P	1.6
7	☐	1.000		2556060.21		P	0.8
8	☐	1.000		2516264.39		P	0.7
9	☐	1.000		2634390.08		P	1.1

89 Y (ISTD) [He]

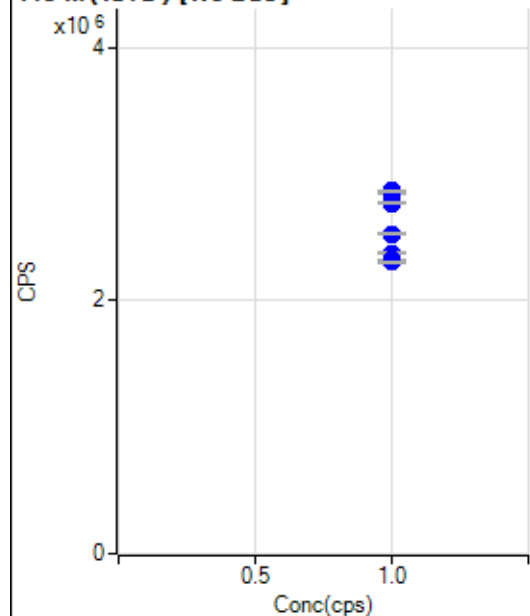
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		516711.97		P	1.2
2	☐	1.000					
3	☐	1.000		528367.79		P	0.3
4	☐	1.000		520036.81		P	0.4
5	☐	1.000		477823.73		P	1.3
6	☐	1.000		433341.62		P	0.2
7	☐	1.000		417236.27		P	0.8
8	☐	1.000		416665.60		P	0.1
9	☐	1.000		461085.17		P	1.5

103 Rh (ISTD) [No Gas]

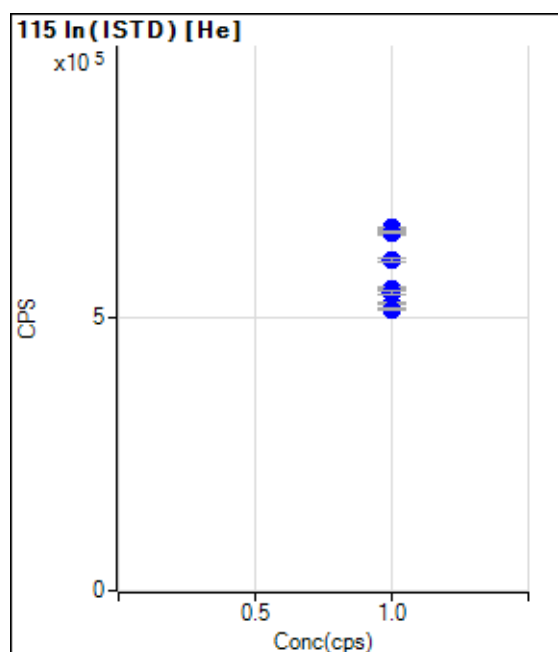
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2561167.55		P	0.6
2	☐	1.000					
3	☐	1.000		2572615.08		P	0.4
4	☐	1.000		2560774.86		P	0.2
5	☐	1.000		2445064.23		P	0.4
6	☐	1.000		2173672.10		P	1.6
7	☐	1.000		1984819.10		P	0.8
8	☐	1.000		1915327.04		P	1.0
9	☐	1.000		1872296.05		P	1.3

103 Rh (ISTD) [He]

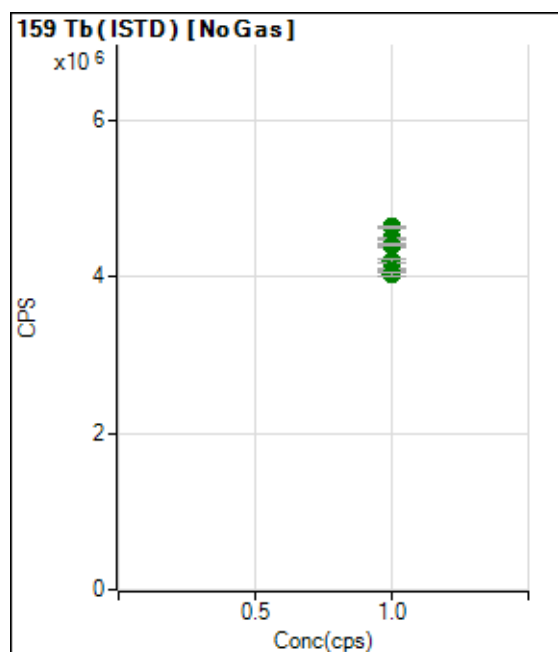
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1329470.28		P	1.3
2	☐	1.000					
3	☐	1.000		1352416.22		P	0.7
4	☐	1.000		1323663.51		P	0.2
5	☐	1.000		1215257.92		P	0.7
6	☐	1.000		1099556.89		P	0.4
7	☐	1.000		1039317.54		P	1.0
8	☐	1.000		1018117.88		P	0.3
9	☐	1.000		1024982.16		P	1.4

115 In (ISTD) [No Gas]

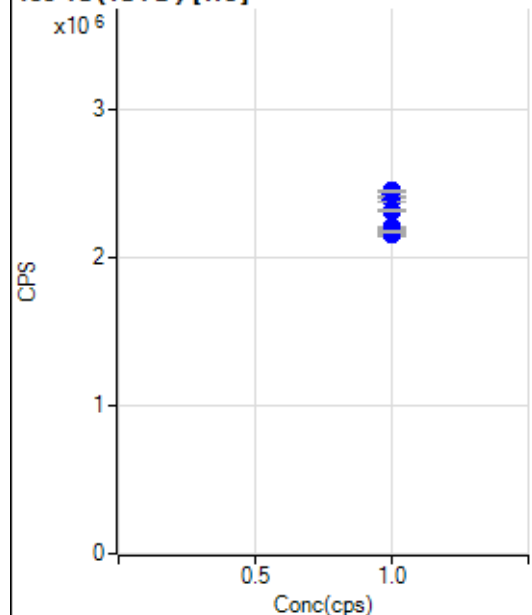
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2842255.98		P	0.2
2	☐	1.000					
3	☐	1.000		2859912.06		P	0.6
4	☐	1.000		2865256.23		P	0.4
5	☐	1.000		2768786.92		P	0.3
6	☐	1.000		2526562.53		P	1.0
7	☐	1.000		2376029.27		P	0.7
8	☐	1.000		2317164.96		P	1.0
9	☐	1.000		2301216.76		P	0.8



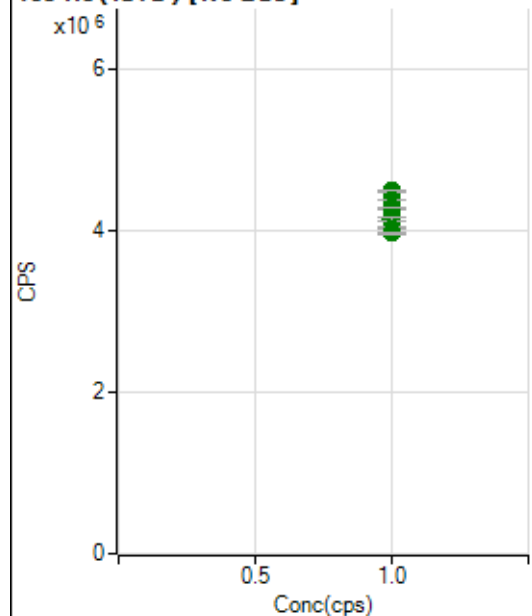
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		655042.45		P	0.9
2	☐	1.000					
3	☐	1.000		665193.26		P	0.6
4	☐	1.000		657450.81		P	0.7
5	☐	1.000		606083.70		P	0.9
6	☐	1.000		554120.26		P	0.5
7	☐	1.000		527086.21		P	1.0
8	☐	1.000		516205.55		P	0.2
9	☐	1.000		547446.37		P	1.6



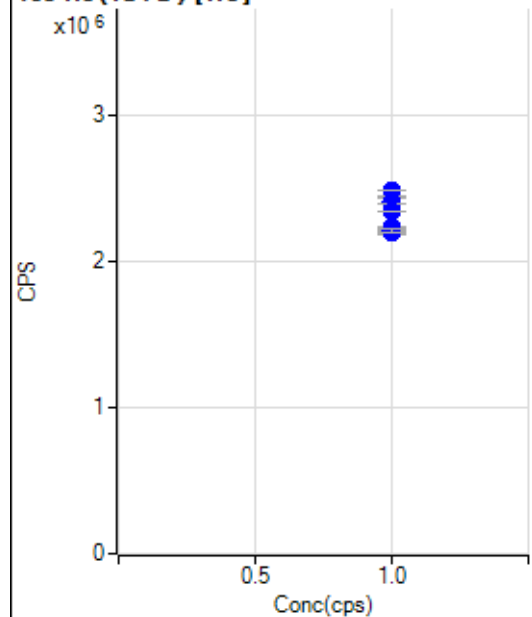
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4636758.75		A	0.4
2	☐	1.000					
3	☐	1.000		4393124.90		A	0.3
4	☐	1.000		4485357.19		A	0.2
5	☐	1.000		4405423.55		A	0.4
6	☐	1.000		4201307.09		A	1.4
7	☐	1.000		4072291.05		A	1.2
8	☐	1.000		4082554.94		A	0.5
9	☐	1.000		4035150.91		A	1.3

159 Tb (ISTD) [He]

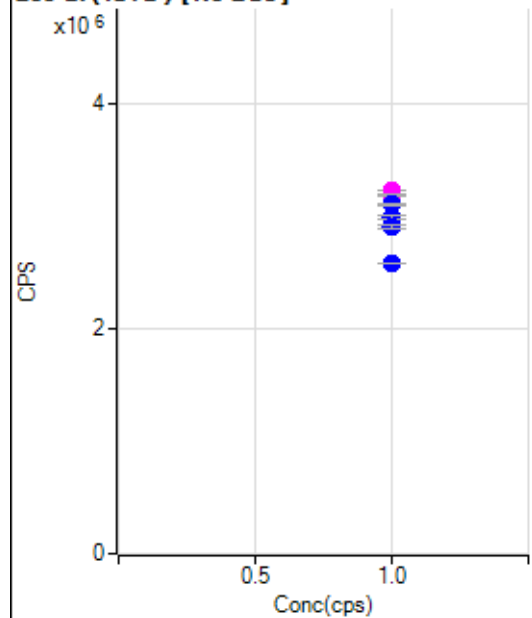
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2390517.22		P	0.8
2	☐	1.000					
3	☐	1.000		2429884.58		P	0.8
4	☐	1.000		2449657.91		P	0.2
5	☐	1.000		2315733.34		P	0.8
6	☐	1.000		2203778.48		P	0.4
7	☐	1.000		2149203.29		P	0.8
8	☐	1.000		2156474.01		P	0.1
9	☐	1.000		2177750.30		P	0.9

165 Ho (ISTD) [No Gas]

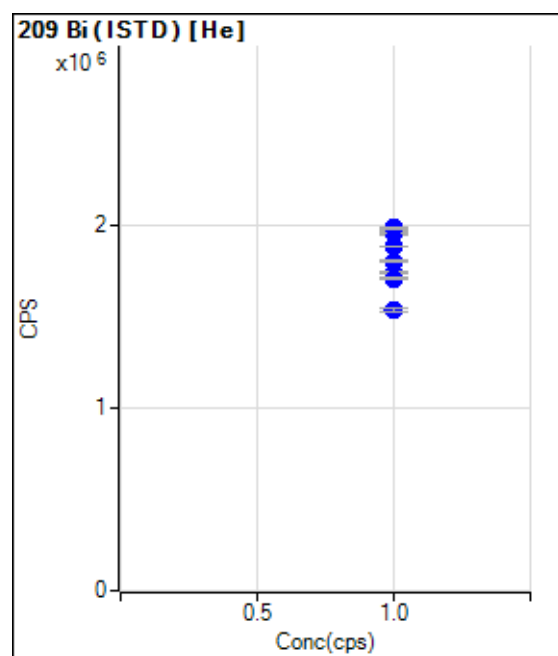
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4495802.10		A	0.7
2	☐	1.000					
3	☐	1.000		4273997.01		A	0.3
4	☐	1.000		4386474.67		A	0.3
5	☐	1.000		4286493.93		A	0.3
6	☐	1.000		4147089.89		A	1.6
7	☐	1.000		4017895.62		A	1.4
8	☐	1.000		4037287.94		A	0.7
9	☐	1.000		3969565.72		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2409041.23		P	1.2
2	☐	1.000					
3	☐	1.000		2444065.10		P	0.3
4	☐	1.000		2477257.10		P	0.1
5	☐	1.000		2333288.14		P	0.1
6	☐	1.000		2232332.07		P	0.5
7	☐	1.000		2186222.73		P	0.5
8	☐	1.000		2199088.34		P	0.7
9	☐	1.000		2209723.86		P	1.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3196617.80		P	0.8
2	☐	1.000					
3	☐	1.000		3198179.50		P	0.6
4	☐	1.000		3231655.23		M	0.1
5	☐	1.000		3197238.74		M	0.6
6	☐	1.000		3108898.36		P	0.7
7	☐	1.000		2999596.34		P	1.1
8	☐	1.000		2910623.46		P	0.9
9	☐	1.000		2586884.06		P	0.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1951767.97		P	0.8
2	☐	1.000					
3	☐	1.000		1962522.57		P	0.7
4	☐	1.000		1983809.28		P	0.3
5	☐	1.000		1879209.10		P	0.2
6	☐	1.000		1798915.41		P	0.6
7	☐	1.000		1739322.11		P	0.9
8	☐	1.000		1708661.43		P	0.2
9	☐	1.000		1535105.05		P	1.3