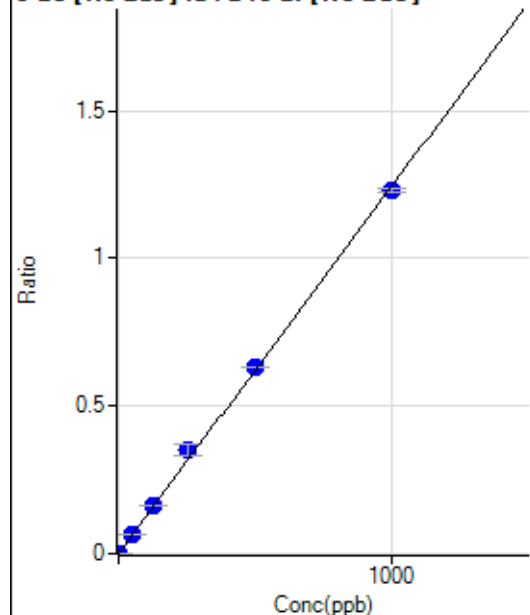


Batch Folder: D:\P8052319-MS.b\
Analysis File: P8052319-MS.batch.bin
DA Date-Time: 2019-05-23 13:56:32
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-05-23 12:55:34
2			
3	005CALS.d	S02	2019-05-23 13:03:32
4	006CALS.d	S03	2019-05-23 13:07:31
5	007CALS.d	S04	2019-05-23 13:11:29
6	008CALS.d	S05	2019-05-23 13:15:25
7	009CALS.d	S06	2019-05-23 13:19:13
8	010CALS.d	S07	2019-05-23 13:22:59
9	011CALS.d	S08	2019-05-23 13:26:45

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.26	0.0000	P	35.1
2	☐	0.100					
3	☐	1.000	1.026	351.86	0.0013	P	6.0
4	☐	50.000	51.795	17603.49	0.0644	P	2.3
5	☐	125.000	129.205	44804.91	0.1606	P	1.1
6	☐	250.000	280.955	90330.92	0.3492	P	11.0
7	☐	500.000	506.706	180142.65	0.6298	P	0.4
8	☐	1000.000	988.293	347960.10	1.2284	P	1.0
9	☐			50.00	0.0002	P	22.9

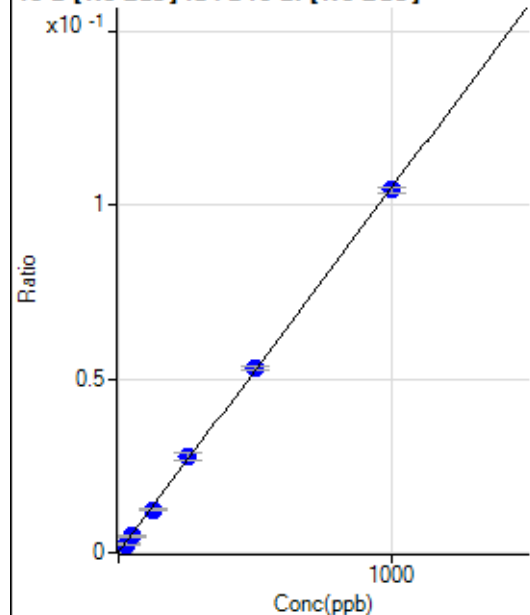
$$y = 0.0012 * x + 3.4124E-005$$

$$R = 0.9994$$

$$DL = 0.02889$$

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	33.33	0.0001	P	0.8
2	☐	2.500					
3	☐	25.000	21.752	644.48	0.0024	P	12.2
4	☐	50.000	45.613	1338.99	0.0049	P	12.1
5	☐	125.000	117.059	3453.28	0.0124	P	3.7
6	☐	250.000	265.234	7229.77	0.0279	P	8.0
7	☐	500.000	505.765	15177.77	0.0531	P	2.2
8	☐	1000.000	994.602	29533.54	0.1042	P	1.8
9	☐			2466.94	0.0089	P	4.0

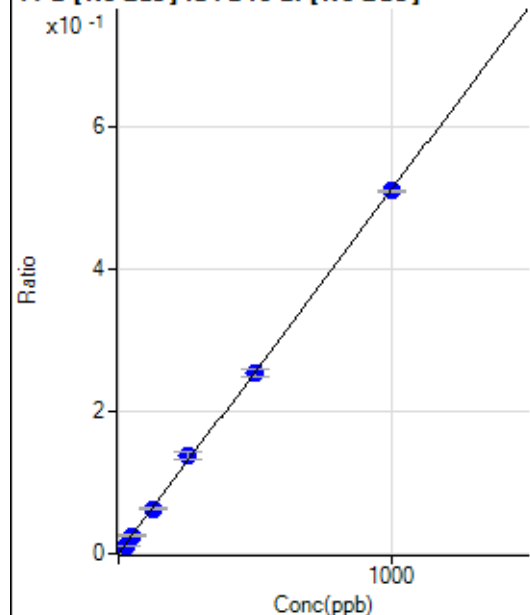
$$y = 1.0468E-004 * x + 1.2264E-004$$

$$R = 0.9998$$

$$DL = 0.0289$$

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	83.34	0.0003	P	27.2
2	☐	2.500					
3	☐	25.000	21.596	3042.07	0.0113	P	4.8
4	☐	50.000	48.627	6862.92	0.0251	P	5.3
5	☐	125.000	123.462	17652.87	0.0633	P	1.6
6	☐	250.000	267.596	35469.50	0.1368	P	7.5
7	☐	500.000	497.726	72692.94	0.2542	P	4.3
8	☐	1000.000	997.084	144146.74	0.5089	P	0.3
9	☐			12138.77	0.0440	P	9.0

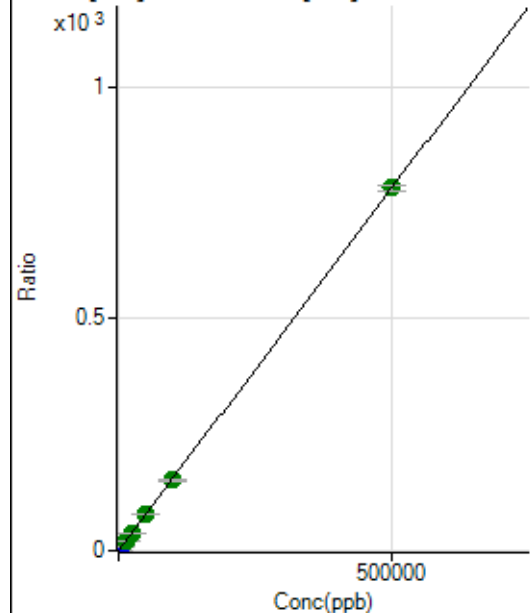
$$y = 5.1003\text{E-}004 * x + 3.0701\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.492$$

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	5073.26	0.0742	P	1.9
2	☐	50.000					
3	☐	500.000	458.802	56124.97	0.7910	P	2.0
4	☐	5000.000	4957.712	556555.84	7.8200	P	1.5
5	☐	12500.000	12407.691	1359376.82	19.4595	A	1.4
6	☐	25000.000	24621.242	2636804.77	38.5415	A	0.3
7	☐	50000.000	49198.504	5131114.65	76.9401	A	0.3
8	☐	100000.00	97022.195	9936043.88	151.6580	A	1.1
9	☐	500000.00	500697.42	55406271.38	782.3448	A	1.7

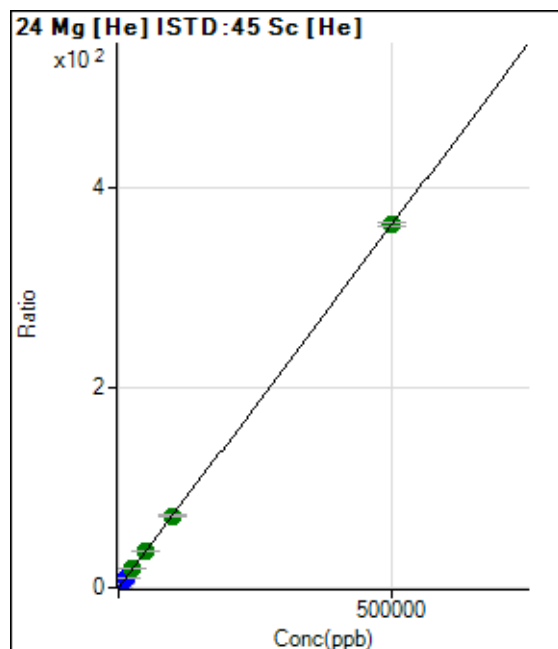
$$y = 0.0016 * x + 0.0742$$

$$R = 1.0000$$

$$DL = 2.758$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.89	0.0009	P	11.9
2	☐	50.000					
3	☐	500.000	486.260	25108.74	0.3539	P	2.0
4	☐	5000.000	5129.722	265042.26	3.7241	P	1.8
5	☐	12500.000	12815.931	649872.05	9.3028	P	1.1
6	☐	25000.000	25504.812	1266573.90	18.5125	A	0.5
7	☐	50000.000	50299.708	2434342.50	36.5088	A	2.0
8	☐	100000.00	98973.419	4706252.06	71.8365	A	1.3
9	☐	500000.00	500140.92	25711868.98	363.0066	A	1.1

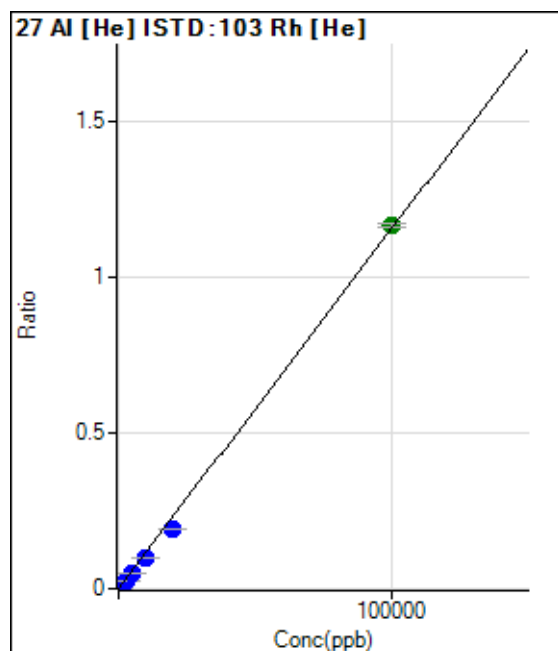
$$y = 7.2581\text{E-}004 * x + 9.3306\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4596$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	89.9
2	☐	2.000					
3	☐	20.000	15.647	308.35	0.0002	P	36.8
4	☐	1000.000	888.249	16493.32	0.0103	P	5.9
5	☐	2500.000	2206.108	40505.77	0.0255	P	1.5
6	☐	5000.000	4374.421	79069.67	0.0505	P	1.6
7	☐	10000.000	8488.509	152288.55	0.0980	P	2.1
8	☐	20000.000	16698.340	294194.96	0.1927	P	1.2
9	☐	100000.00	100851.22	1723620.57	1.1640	A	1.0

$$y = 1.1542\text{E-}005 * x + 8.7385\text{E-}006$$

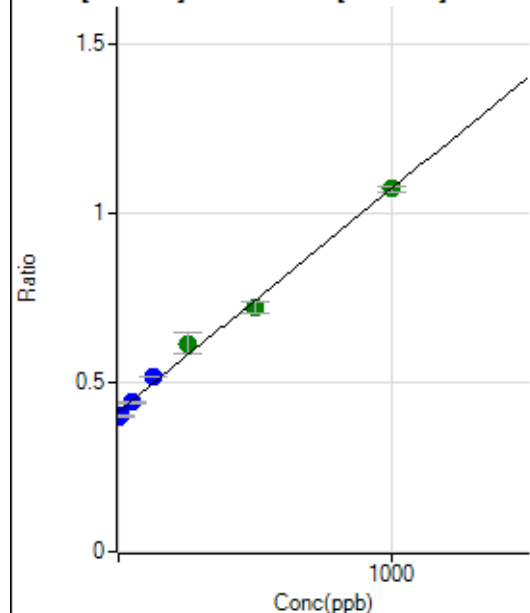
$$R = 0.9994$$

$$DL = 2.041$$

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	-22.752	635015.43	0.3981	P	1.9
2	☐	1.000					
3	☐	10.000	-16.168	649728.39	0.4025	P	1.4
4	☐	50.000	42.460	708519.23	0.4411	P	1.9
5	☐	125.000	158.132	830448.03	0.5172	P	0.6
6	☐	250.000	306.438	925800.38	0.6149	A	10.5
7	☐	500.000	469.003	1205591.07	0.7219	A	5.0
8	☐	1000.000	997.886	1735131.98	1.0702	A	1.8
9	☐			655073.77	0.4091	P	0.9

$$y = 6.584576E-004 * x + 0.413109$$

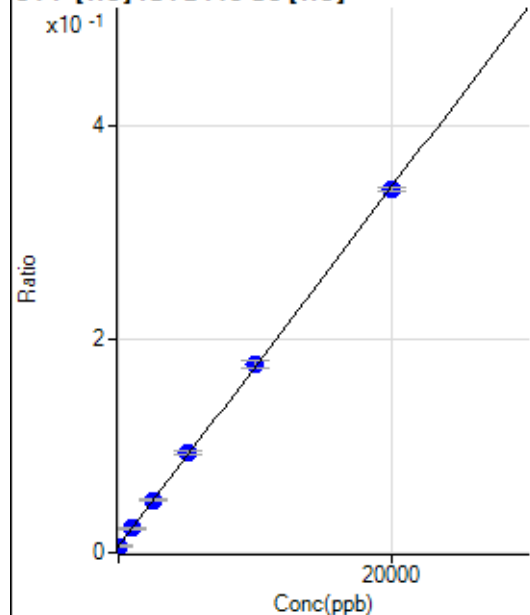
$$R = 0.9959$$

$$DL = 34.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.633	411.13	0.0060	P	9.7
2	☐	0.000					
3	☐	0.000	-4.633	413.90	0.0058	P	19.3
4	☐	1000.000	997.270	1614.03	0.0227	P	6.3
5	☐	2500.000	2588.682	3453.29	0.0494	P	5.2
6	☐	5000.000	5231.236	6421.06	0.0939	P	5.0
7	☐	10000.000	10184.289	11816.33	0.1771	P	4.1
8	☐	20000.000	19839.098	22237.35	0.3394	P	1.1
9	☐			372.24	0.0053	P	7.6

$$y = 1.6810E-005 * x + 0.0059$$

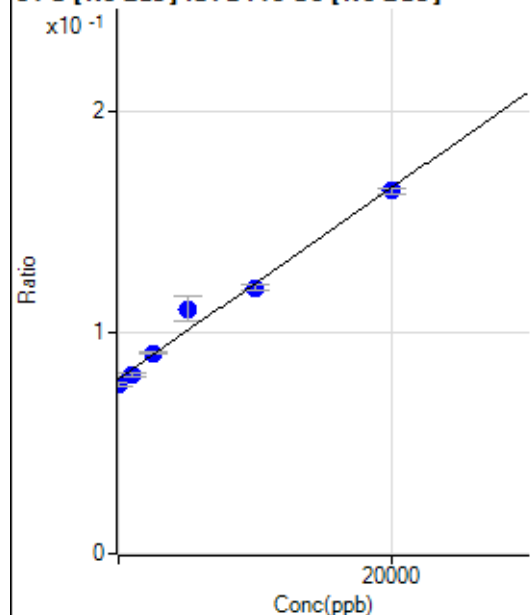
$$R = 0.9999$$

$$DL = 152.7$$

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	-655.151	121725.81	0.0763	P	1.9
2	☐	0.000					
3	☐	0.000	-544.677	123969.13	0.0768	P	2.5
4	☐	1000.000	465.421	130384.92	0.0812	P	1.7
5	☐	2500.000	2728.351	146055.49	0.0910	P	0.8
6	☐	5000.000	7312.959	166840.79	0.1108	P	10.6
7	☐	10000.000	9546.304	201287.11	0.1205	P	1.7
8	☐	20000.000	19646.793	266294.79	0.1642	P	1.5
9	☐			108446.42	0.0677	P	0.8

$$y = 4.330692E-006 * x + 0.079153$$

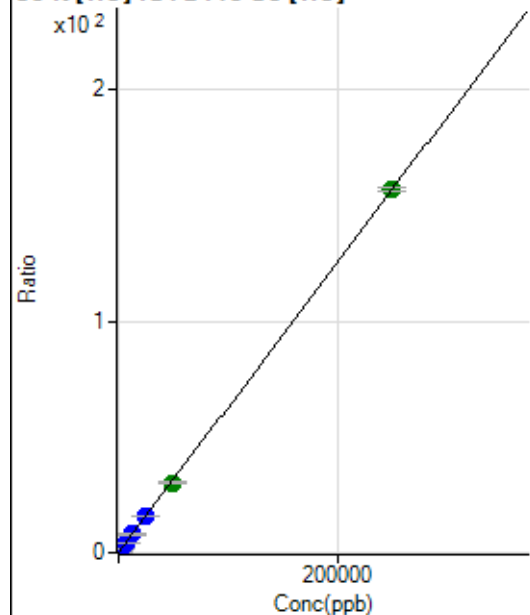
$$R = 0.9896$$

$$DL = 1167$$

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	8302.67	0.1215	P	1.3
2	☐	50.000					
3	☐	500.000	468.193	29417.34	0.4146	P	1.6
4	☐	2500.000	2490.875	119628.63	1.6808	P	1.7
5	☐	6250.000	6235.209	281186.31	4.0248	P	0.5
6	☐	12500.000	12444.124	541331.66	7.9116	P	1.1
7	☐	25000.000	24641.295	1036812.42	15.5471	P	0.5
8	☐	50000.000	48281.444	1988151.63	30.3460	A	1.4
9	☐	250000.00	250382.90	11110555.80	156.8628	A	1.2

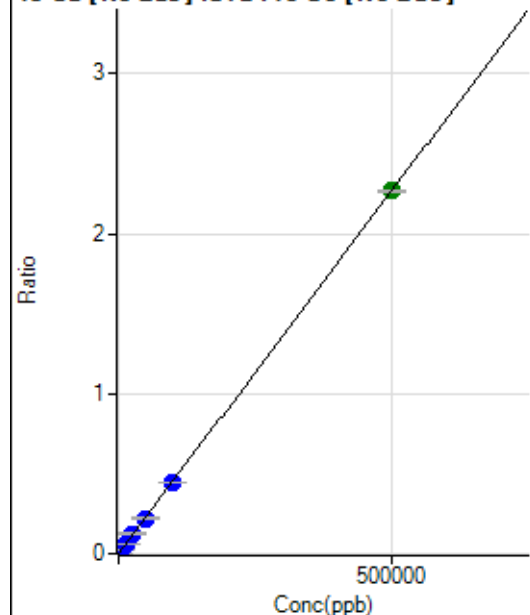
$$y = 6.2601E-004 * x + 0.1215$$

$$R = 1.0000$$

$$DL = 7.494$$

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	269.45	0.0002	P	14.4
2	☐	50.000					
3	☐	500.000	450.912	3572.77	0.0022	P	3.9
4	☐	5000.000	4983.175	36564.93	0.0228	P	1.8
5	☐	12500.000	12497.091	91246.45	0.0568	P	0.6
6	☐	25000.000	26948.787	184135.43	0.1223	P	11.0
7	☐	50000.000	48925.055	370828.58	0.2220	P	1.4
8	☐	100000.00	98753.006	726239.96	0.4479	P	1.2
9	☐	500000.00	500259.74	3631699.39	2.2682	A	0.8

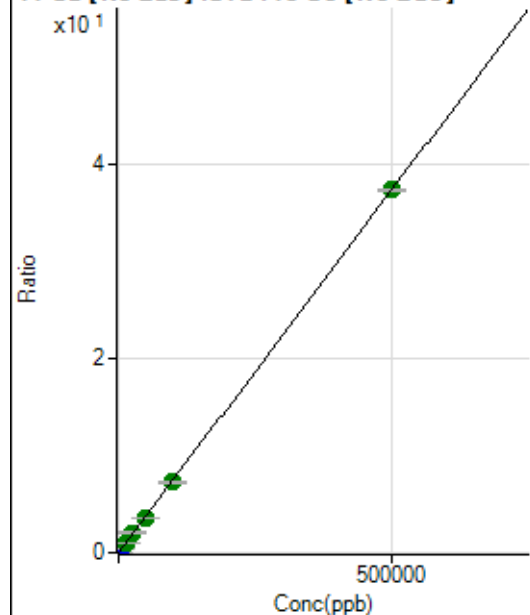
$$y = 4.5337\text{E-}006 * x + 1.6868\text{E-}004$$

$$R = 1.0000$$

$$DL = 16.13$$

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	4659.23	0.0029	P	5.1
2	☐	50.000					
3	☐	500.000	442.061	58011.76	0.0359	P	1.2
4	☐	5000.000	4996.136	604047.85	0.3760	P	1.2
5	☐	12500.000	12698.752	1527099.76	0.9512	A	1.9
6	☐	25000.000	26888.134	3024741.02	2.0109	A	11.8
7	☐	50000.000	48474.418	6052509.56	3.6229	A	1.5
8	☐	100000.00	97391.487	11796050.27	7.2759	A	2.2
9	☐	500000.00	500574.98	59858455.51	37.3849	A	0.9

$$y = 7.4678\text{E-}005 * x + 0.0029$$

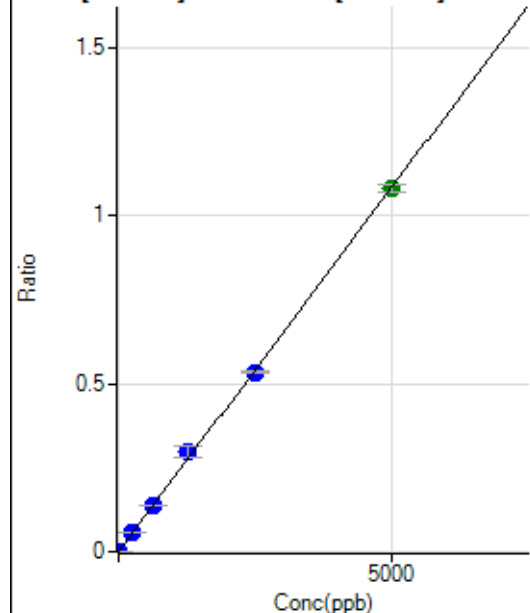
$$R = 1.0000$$

$$DL = 5.978$$

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	272.23	0.0002	P	13.5
2	☐	1.000					
3	☐	10.000	4.576	1877.96	0.0012	P	6.5
4	☐	250.000	255.443	89203.14	0.0555	P	2.6
5	☐	625.000	636.619	221782.91	0.1381	P	1.9
6	☐	1250.000	1375.524	448676.70	0.2983	P	11.8
7	☐	2500.000	2465.978	893163.56	0.5346	P	1.1
8	☐	5000.000	4983.917	1751544.64	1.0804	A	2.1
9	☐			486.13	0.0003	P	9.4

$$y = 2.1673\text{E-}004 * x + 1.7084\text{E-}004$$

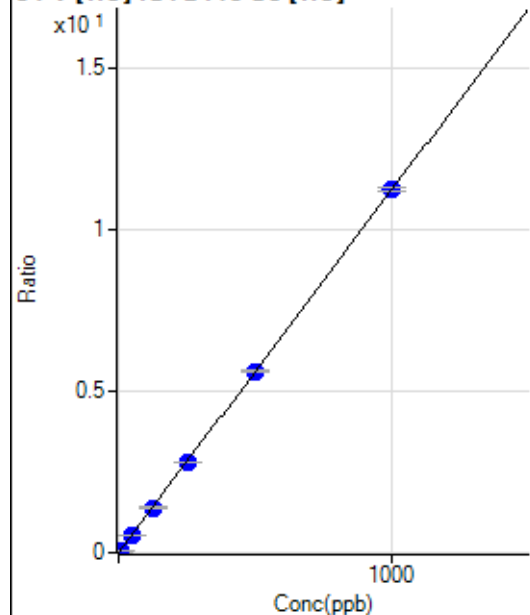
$$R = 0.9996$$

$$DL = 0.3183$$

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	12.22	0.0002	P	31.1
2	☐	0.500					
3	☐	5.000	4.855	3875.02	0.0546	P	3.4
4	☐	50.000	49.269	39319.45	0.5524	P	1.2
5	☐	125.000	124.509	97507.34	1.3958	P	1.2
6	☐	250.000	248.241	190387.09	2.7827	P	0.1
7	☐	500.000	499.749	373578.56	5.6019	P	0.7
8	☐	1000.000	1000.664	734895.57	11.2167	P	1.0
9	☐			122.22	0.0017	P	14.5

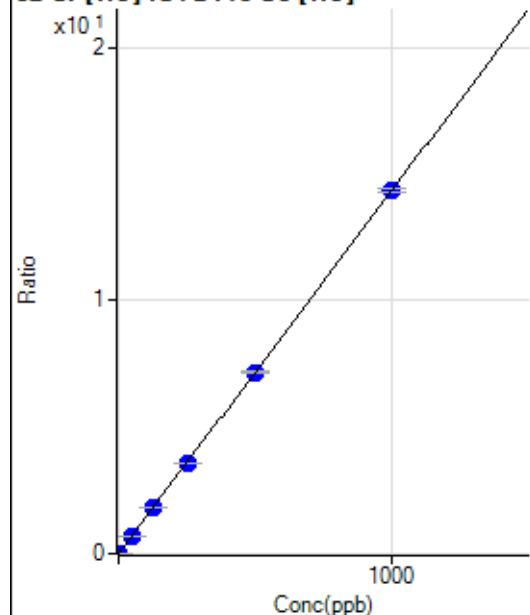
$$y = 0.0112 * x + 1.7887\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01488$$

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	346.68	0.0051	P	5.6
2	☐	0.200					
3	☐	2.000	1.781	2169.08	0.0306	P	5.8
4	☐	50.000	49.253	50595.44	0.7108	P	1.1
5	☐	125.000	125.156	125632.51	1.7983	P	1.0
6	☐	250.000	249.559	244977.97	3.5808	P	0.4
7	☐	500.000	500.166	478246.02	7.1716	P	0.9
8	☐	1000.000	1000.046	939148.12	14.3339	P	1.2
9	☐			2412.46	0.0341	P	2.5

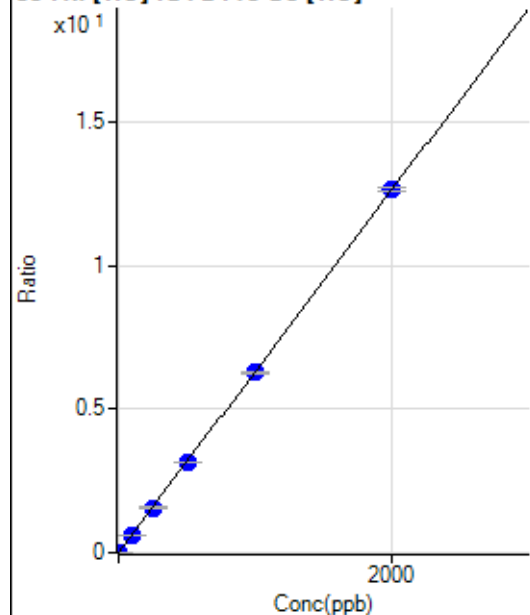
$$y = 0.0143 * x + 0.0051$$

$$R = 1.0000$$

$$DL = 0.05913$$

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	184.45	0.0027	P	8.7
2	☐	0.100					
3	☐	1.000	1.083	675.58	0.0095	P	1.0
4	☐	100.000	99.103	44663.28	0.6274	P	0.8
5	☐	250.000	248.116	109446.44	1.5666	P	1.3
6	☐	500.000	498.857	215313.63	3.1471	P	0.3
7	☐	1000.000	995.961	418815.14	6.2805	P	0.8
8	☐	2000.000	2002.585	827220.90	12.6255	P	1.2
9	☐			1937.94	0.0274	P	8.7

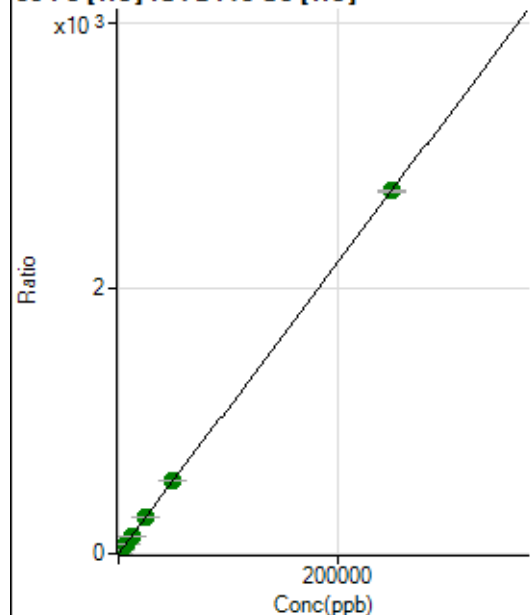
$$y = 0.0063 * x + 0.0027$$

$$R = 1.0000$$

$$DL = 0.1122$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	837.08	0.0122	P	8.3
2	☐	5.000					
3	☐	50.000	47.720	37831.09	0.5332	P	1.5
4	☐	2500.000	2504.532	1947266.23	27.3549	A	0.7
5	☐	6250.000	6189.718	4721923.43	67.5871	A	0.3
6	☐	12500.000	12371.236	9241235.97	135.0725	A	0.9
7	☐	25000.000	24716.260	17995904.22	269.8466	A	0.9
8	☐	50000.000	50168.156	35883964.00	547.7121	A	1.7
9	☐	250000.00	250002.64	193333628.4	2,729.361	A	0.9

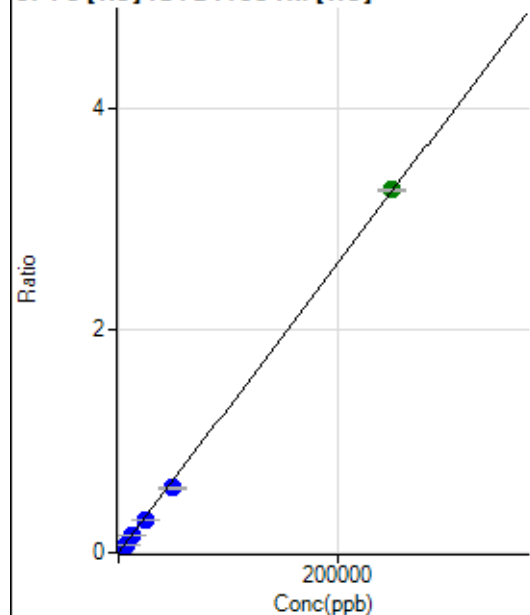
$$y = 0.0109 * x + 0.0122$$

$$R = 1.0000$$

$$DL = 0.278$$

Weight: <None>

Min Conc: 0

57 Fe [He] ISTD:103 Rh [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.08	0.0000	P	53.4
2	☐	5.000					
3	☐	50.000	42.445	924.12	0.0006	P	11.4
4	☐	2500.000	2290.932	47816.88	0.0297	P	0.9
5	☐	6250.000	5677.318	117157.31	0.0737	P	1.0
6	☐	12500.000	11418.505	232070.95	0.1482	P	1.4
7	☐	25000.000	22359.136	451000.66	0.2902	P	1.5
8	☐	50000.000	44694.099	885411.74	0.5800	P	0.8
9	☐	250000.00	251395.75	4831246.29	3.2625	A	0.5

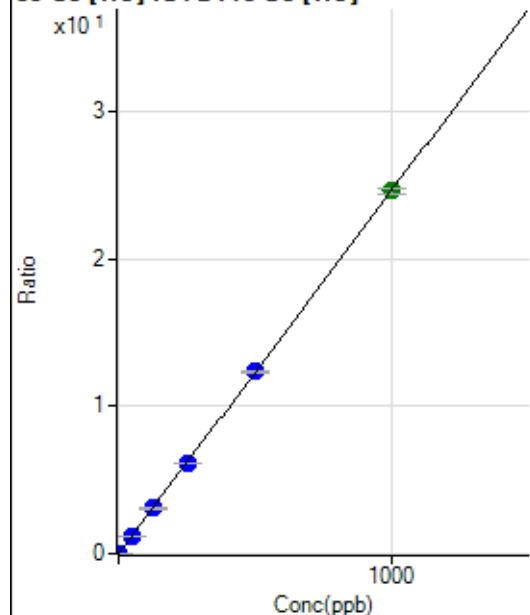
$$y = 1.2977E-005 * x + 1.5276E-005$$

$$R = 0.9997$$

$$DL = 1.885$$

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	35.56	0.0005	P	22.5
2	☐	0.100					
3	☐	1.000	0.932	1663.45	0.0235	P	6.3
4	☐	50.000	49.723	87153.45	1.2244	P	0.5
5	☐	125.000	124.959	214926.92	3.0762	P	0.9
6	☐	250.000	249.790	420664.04	6.1488	P	0.3
7	☐	500.000	501.089	822534.34	12.3342	P	0.5
8	☐	1000.000	999.527	1611741.02	24.6026	A	1.7
9	☐			20140.18	0.2843	P	1.6

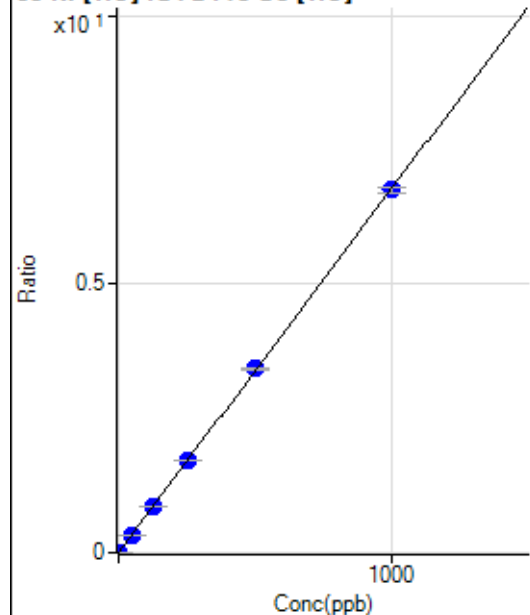
$$y = 0.0246 * x + 5.2130E-004$$

$$R = 1.0000$$

$$DL = 0.01431$$

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	146.67	0.0021	P	15.7
2	☐	0.100					
3	☐	1.000	1.130	694.47	0.0098	P	5.9
4	☐	50.000	49.631	24069.77	0.3381	P	0.5
5	☐	125.000	125.796	59652.53	0.8537	P	0.9
6	☐	250.000	251.709	116721.46	1.7061	P	0.6
7	☐	500.000	505.179	228220.90	3.4220	P	1.2
8	☐	1000.000	996.902	442285.21	6.7508	P	1.6
9	☐			4624.14	0.0653	P	2.2

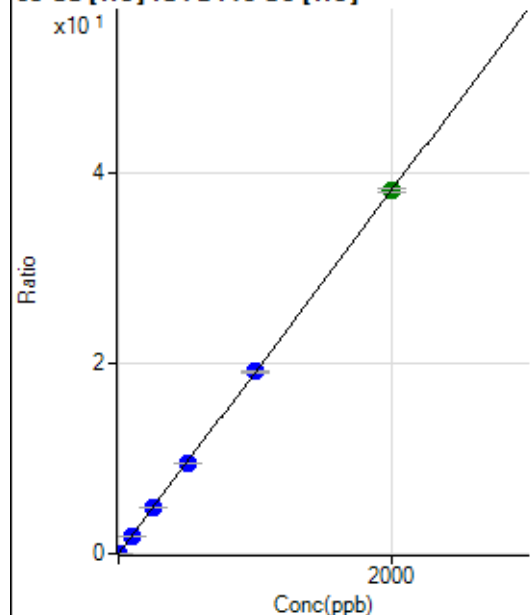
$$y = 0.0068 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.1492$$

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	467.79	0.0069	P	8.5
2	☐	0.200					
3	☐	2.000	1.799	2919.22	0.0412	P	5.6
4	☐	100.000	99.300	135267.77	1.9002	P	0.2
5	☐	250.000	251.704	335765.46	4.8061	P	0.7
6	☐	500.000	499.250	651671.12	9.5260	P	0.8
7	☐	1000.000	1003.608	1276559.42	19.1425	P	0.6
8	☐	2000.000	1998.206	2496597.83	38.1063	A	1.2
9	☐			2456.91	0.0347	P	6.6

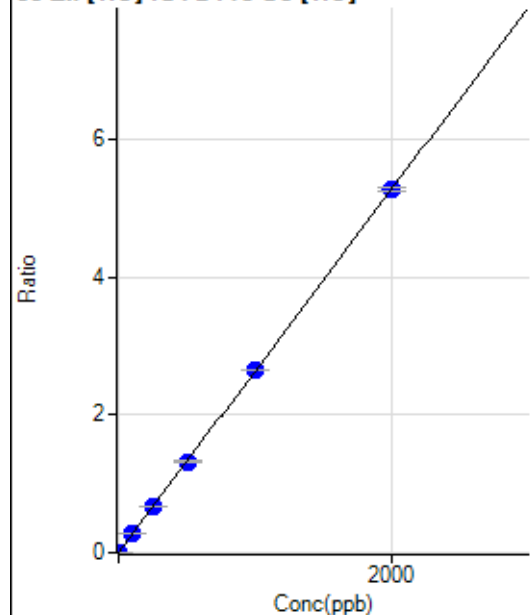
$$y = 0.0191 * x + 0.0069$$

$$R = 1.0000$$

$$DL = 0.09216$$

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	176.67	0.0026	P	3.7
2	☐	0.200					
3	☐	2.000	2.263	607.79	0.0086	P	8.0
4	☐	100.000	100.258	19026.47	0.2673	P	0.3
5	☐	250.000	252.821	46808.58	0.6700	P	1.2
6	☐	500.000	501.378	90739.58	1.3262	P	0.5
7	☐	1000.000	1004.403	177006.54	2.6542	P	0.3
8	☐	2000.000	1997.088	345624.41	5.2748	P	0.9
9	☐			2841.43	0.0401	P	1.7

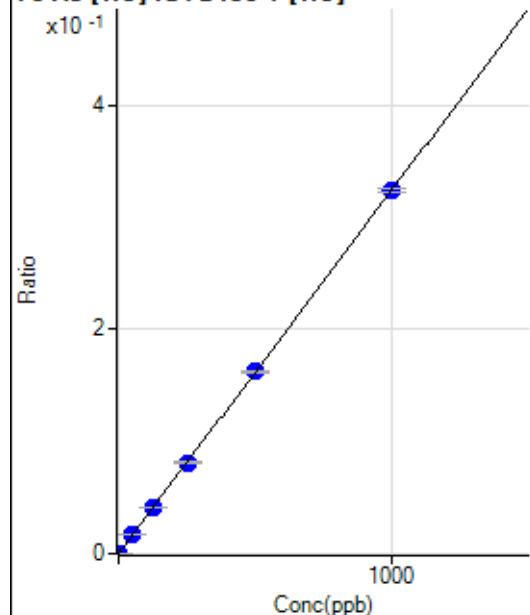
$$y = 0.0026 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.1081$$

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	4.00	0.0000	P	23.2
2	☐	0.100					
3	☐	1.000	0.800	114.68	0.0003	P	1.4
4	☐	50.000	50.814	6991.48	0.0165	P	0.3
5	☐	125.000	127.175	17348.92	0.0412	P	1.2
6	☐	250.000	251.024	33873.95	0.0813	P	0.8
7	☐	500.000	500.671	66144.40	0.1622	P	0.5
8	☐	1000.000	999.096	130601.03	0.3237	P	1.0
9	☐			190.35	0.0005	P	8.0

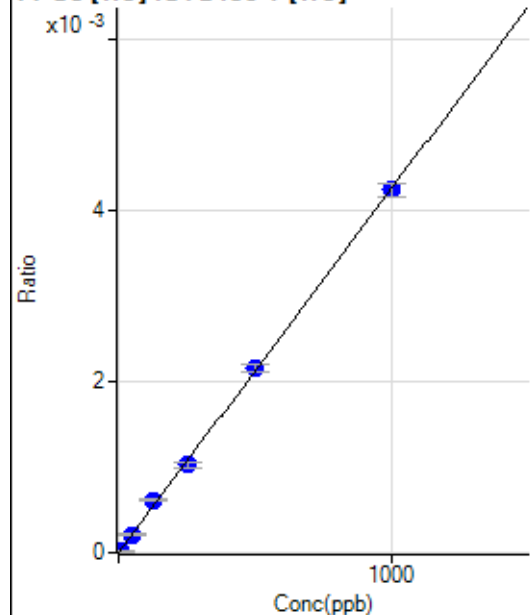
$$y = 3.2394\text{E-}004 * x + 9.7570\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02099$$

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	3.107	5.55	0.0000	P	125.6
4	☐	50.000	49.901	90.00	0.0002	P	11.8
5	☐	125.000	145.092	260.01	0.0006	P	6.1
6	☐	250.000	240.521	426.68	0.0010	P	7.5
7	☐	500.000	506.973	880.04	0.0022	P	3.5
8	☐	1000.000	996.386	1710.12	0.0042	P	3.7
9	☐			0.00	0.0000	P	

$$y = 4.2550\text{E-}006 * x + 0.0000\text{E+}000$$

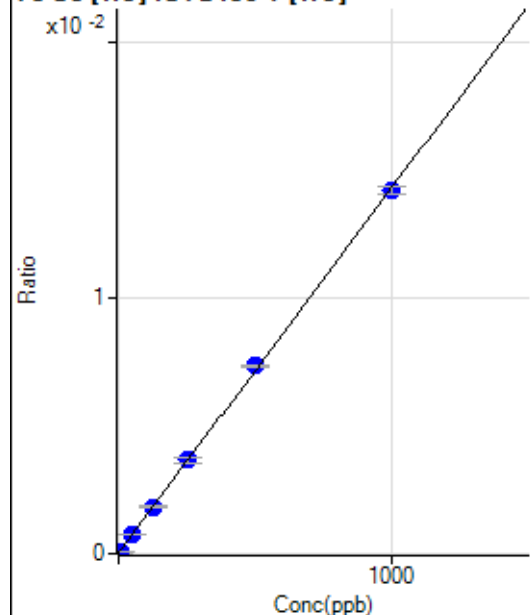
$$R = 0.9997$$

$$DL = 0$$

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	11.67	0.0000	P	15.3
2	☐	0.500					
3	☐	5.000	5.019	42.67	0.0001	P	8.8
4	☐	50.000	51.435	323.70	0.0008	P	6.5
5	☐	125.000	126.364	770.77	0.0018	P	2.4
6	☐	250.000	253.647	1518.57	0.0036	P	4.2
7	☐	500.000	512.968	2995.30	0.0073	P	1.0
8	☐	1000.000	992.362	5723.44	0.0142	P	2.2
9	☐			13.00	0.0000	P	11.0

$$y = 1.4263\text{E-}005 * x + 2.8591\text{E-}005$$

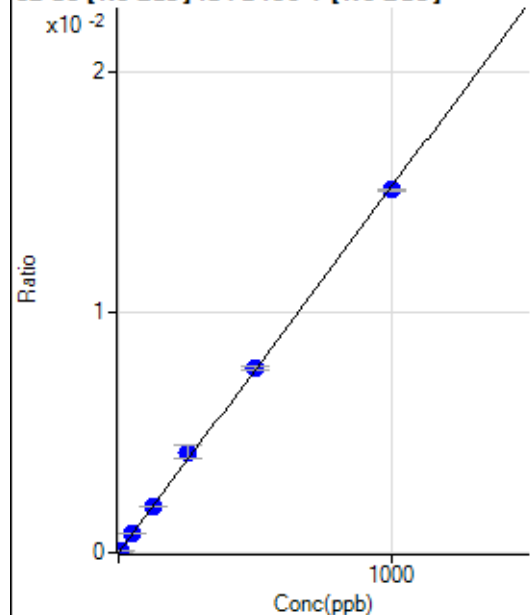
$$R = 0.9999$$

$$DL = 0.9206$$

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	5.35	0.0000	P	304.8
2	☐	0.500					
3	☐	5.000	4.486	284.16	0.0001	P	20.8
4	☐	50.000	50.101	3104.25	0.0008	P	0.3
5	☐	125.000	125.924	7734.30	0.0019	P	1.3
6	☐	250.000	275.754	15626.90	0.0042	P	12.5
7	☐	500.000	503.676	30675.02	0.0077	P	1.8
8	☐	1000.000	991.605	60739.76	0.0151	P	0.7
9	☐			0.49	0.0000	P	3033.

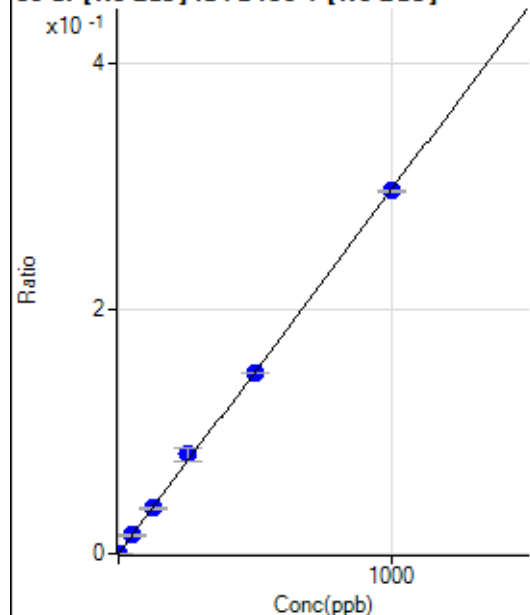
$$y = 1.5224\text{E-}005 * x + 1.3415\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.8058$$

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	491.69	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.785	1447.34	0.0004	P	5.8
4	☐	50.000	49.971	60768.33	0.0150	P	0.9
5	☐	125.000	124.514	149526.32	0.0371	P	1.7
6	☐	250.000	272.806	301614.63	0.0811	P	13.5
7	☐	500.000	495.785	589291.45	0.1473	P	0.1
8	☐	1000.000	996.468	1190706.17	0.2960	P	0.6
9	☐			5303.96	0.0013	P	4.2

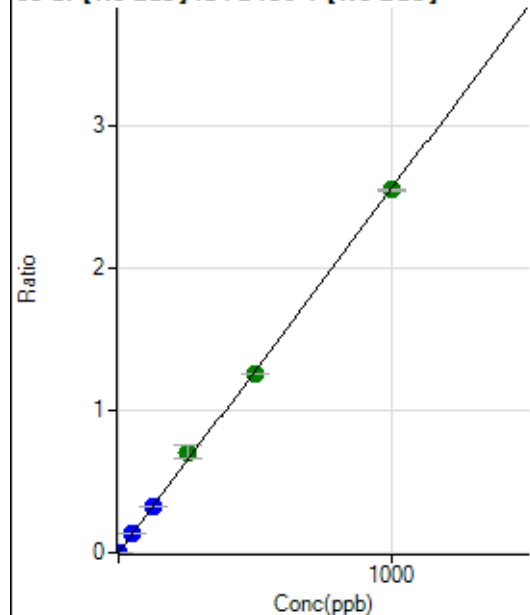
$$y = 2.9690\text{E-}004 * x + 1.2192\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.1095$$

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	63.89	0.0000	P	14.6
2	☐	0.100					
3	☐	1.000	0.925	9703.70	0.0024	P	1.8
4	☐	50.000	51.099	530685.07	0.1306	P	0.7
5	☐	125.000	128.429	1323515.34	0.3283	P	0.5
6	☐	250.000	276.996	2633667.48	0.7080	A	13.0
7	☐	500.000	492.472	5035203.85	1.2588	A	0.3
8	☐	1000.000	996.532	10247939.99	2.5472	A	0.5
9	☐			44654.13	0.0111	P	2.0

$$y = 0.0026 * x + 1.5842\text{E-}005$$

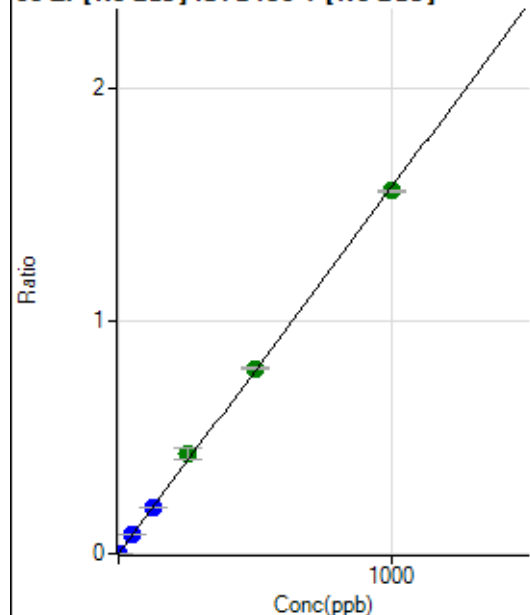
$$R = 0.9995$$

$$DL = 0.002715$$

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	327.79	0.0001	P	7.0
2	☐	0.100					
3	☐	1.000	0.909	6159.90	0.0015	P	5.7
4	☐	50.000	51.280	328137.26	0.0808	P	0.8
5	☐	125.000	128.351	814576.23	0.2020	P	0.3
6	☐	250.000	274.493	1609772.74	0.4320	A	10.8
7	☐	500.000	505.674	3183094.45	0.7958	A	1.0
8	☐	1000.000	990.557	6271131.09	1.5588	A	0.7
9	☐			1708.50	0.0004	P	13.9

$$y = 0.0016 * x + 8.1329E-005$$

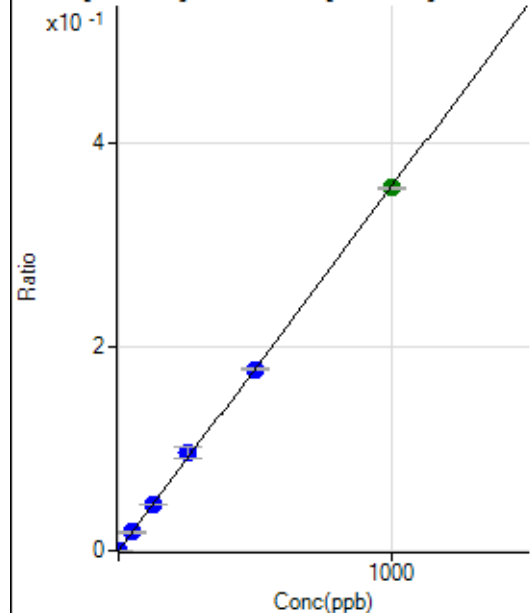
$$R = 0.9996$$

$$DL = 0.0108$$

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	63.89	0.0000	P	71.7
2	☐	0.100					
3	☐	1.000	0.869	1330.65	0.0003	P	14.6
4	☐	50.000	50.396	73193.23	0.0180	P	1.3
5	☐	125.000	126.592	182364.30	0.0452	P	0.4
6	☐	250.000	268.580	357200.60	0.0960	P	12.0
7	☐	500.000	497.895	711423.12	0.1779	P	0.8
8	☐	1000.000	996.189	1431688.80	0.3558	A	0.7
9	☐			408.35	0.0001	P	17.8

$$y = 3.5719E-004 * x + 1.5836E-005$$

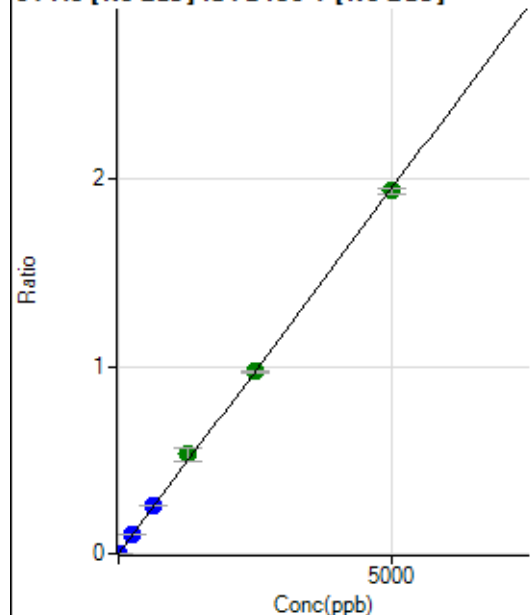
$$R = 0.9998$$

$$DL = 0.09541$$

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	130.56	0.0000	P	10.0
2	☐	1.000					
3	☐	10.000	4.754	7685.67	0.0019	P	4.5
4	☐	250.000	255.995	405412.83	0.0998	P	0.9
5	☐	625.000	646.795	1016320.78	0.2521	P	0.3
6	☐	1250.000	1361.095	1973475.83	0.5305	A	12.8
7	☐	2500.000	2500.083	3897092.75	0.9743	A	1.2
8	☐	5000.000	4969.171	7790598.96	1.9365	A	1.3
9	☐			1566.80	0.0004	P	6.8

$$y = 3.8970\text{E-}004 * x + 3.2392\text{E-}005$$

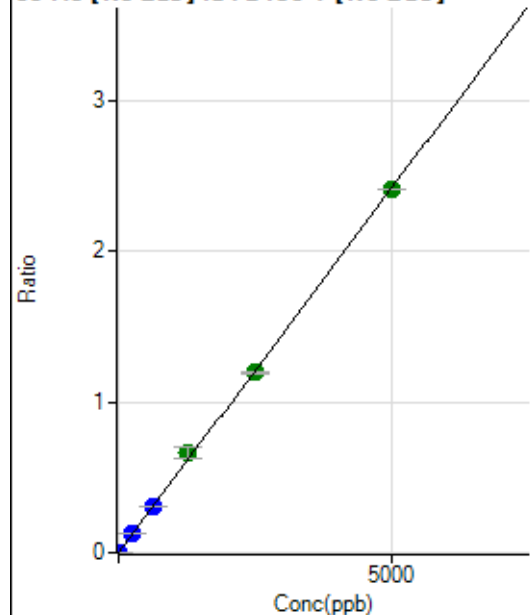
$$R = 0.9997$$

$$DL = 0.02496$$

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	86.6
2	☐	1.000					
3	☐	10.000	4.841	9567.49	0.0023	P	2.4
4	☐	250.000	252.766	497151.31	0.1224	P	1.2
5	☐	625.000	639.547	1248323.25	0.3096	P	0.3
6	☐	1250.000	1381.201	2489452.21	0.6687	A	12.0
7	☐	2500.000	2472.720	4788239.78	1.1971	A	1.7
8	☐	5000.000	4978.893	9697839.54	2.4105	A	0.0
9	☐			1650.16	0.0004	P	3.0

$$y = 4.8414\text{E-}004 * x + 2.7635\text{E-}006$$

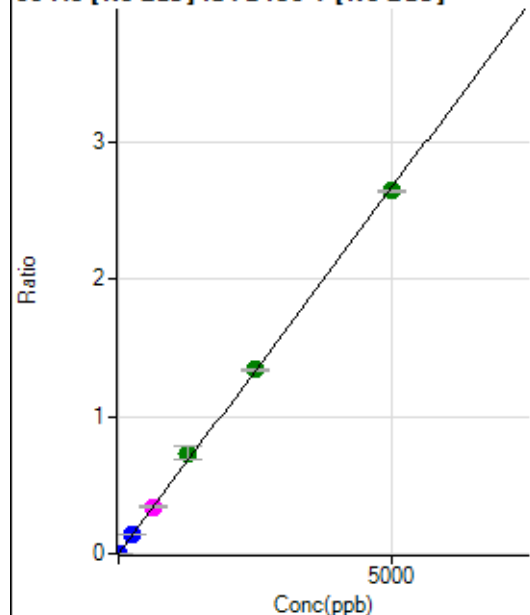
$$R = 0.9996$$

$$DL = 0.01483$$

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	75.00	0.0000	P	29.4
2	☐	1.000					
3	☐	10.000	4.718	10331.97	0.0025	P	6.2
4	☐	250.000	256.285	555221.44	0.1367	P	0.4
5	☐	625.000	641.969	1380042.36	0.3423	M	0.9
6	☐	1250.000	1379.029	2736961.82	0.7353	A	12.3
7	☐	2500.000	2513.152	5359915.57	1.3400	A	0.7
8	☐	5000.000	4958.742	10636995.38	2.6440	A	0.7
9	☐			3244.92	0.0008	P	8.0

$$y = 5.3319\text{E-}004 * x + 1.8605\text{E-}005$$

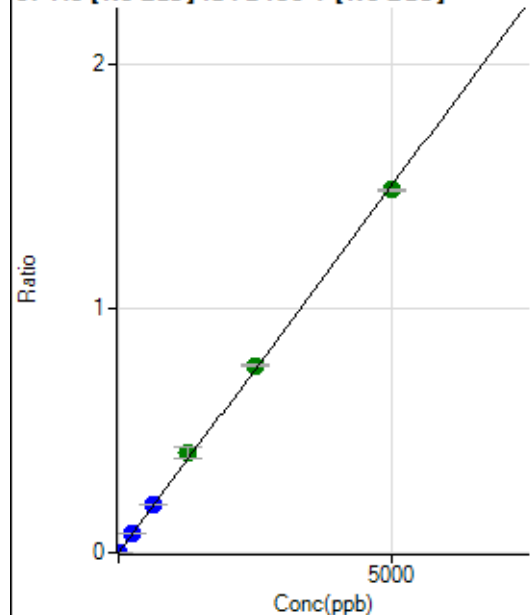
$$R = 0.9996$$

$$DL = 0.03073$$

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	58.33	0.0000	P	51.4
2	☐	1.000					
3	☐	10.000	5.021	6201.58	0.0015	P	4.0
4	☐	250.000	257.298	313672.76	0.0772	P	1.7
5	☐	625.000	645.685	781118.98	0.1937	P	0.2
6	☐	1250.000	1365.165	1525018.35	0.4096	A	11.9
7	☐	2500.000	2546.103	3055731.77	0.7640	A	0.9
8	☐	5000.000	4945.217	5969480.82	1.4838	A	0.4
9	☐			1005.62	0.0003	P	5.6

$$y = 3.0004\text{E-}004 * x + 1.4472\text{E-}005$$

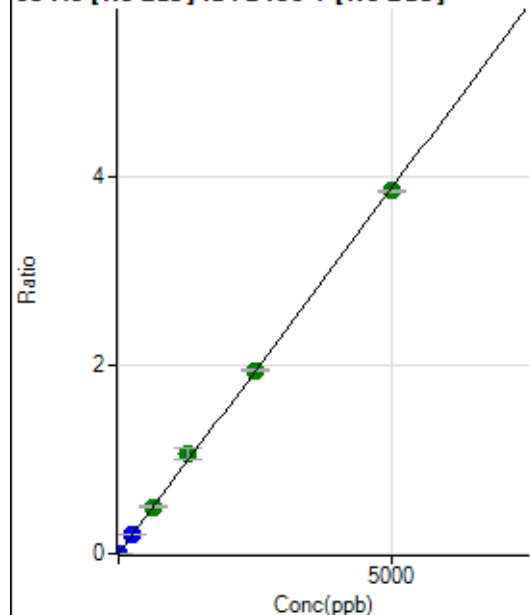
$$R = 0.9996$$

$$DL = 0.07444$$

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	30.56	0.0000	P	56.7
2	☐	1.000					
3	☐	10.000	4.954	15673.45	0.0038	P	1.5
4	☐	250.000	256.360	806543.10	0.1985	P	1.7
5	☐	625.000	642.299	2005424.72	0.4974	A	1.2
6	☐	1250.000	1367.998	3940261.94	1.0594	A	13.1
7	☐	2500.000	2504.687	7758666.15	1.9397	A	0.8
8	☐	5000.000	4965.687	15471361.63	3.8456	A	0.9
9	☐			2408.61	0.0006	P	15.7

$$y = 7.7443\text{E-}004 * x + 7.5806\text{E-}006$$

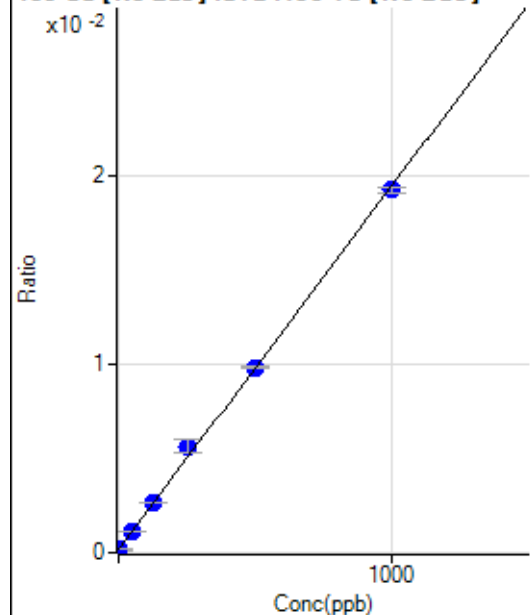
$$R = 0.9997$$

$$DL = 0.01664$$

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	927.84	0.0002	P	9.3
2	☐	0.100					
3	☐	1.000	1.391	1063.96	0.0002	P	11.6
4	☐	50.000	50.667	6546.21	0.0011	P	5.3
5	☐	125.000	129.242	15078.20	0.0026	P	2.9
6	☐	250.000	283.742	29674.86	0.0056	P	12.6
7	☐	500.000	501.854	56264.73	0.0098	P	0.7
8	☐	1000.000	990.073	111681.71	0.0192	P	1.8
9	☐			969.51	0.0002	P	14.7

$$y = 1.9238\text{E-}005 * x + 1.5846\text{E-}004$$

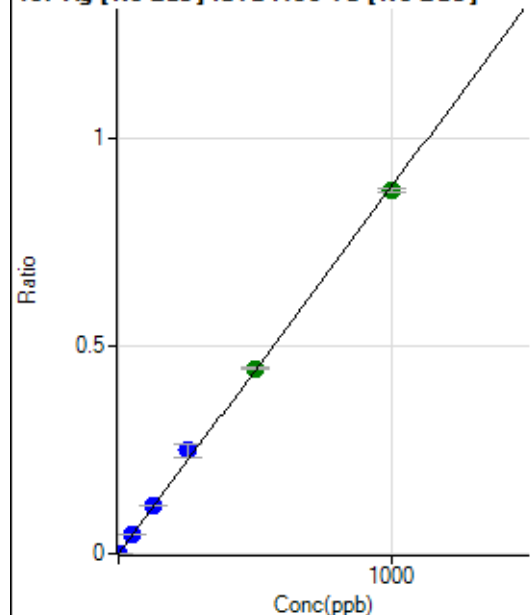
$$R = 0.9993$$

$$DL = 2.292$$

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	47.3
2	☐	0.100					
3	☐	1.000	1.026	5237.31	0.0009	P	0.8
4	☐	50.000	52.442	267380.97	0.0463	P	0.3
5	☐	125.000	131.310	660633.77	0.1159	P	0.7
6	☐	250.000	281.716	1313361.04	0.2486	P	12.4
7	☐	500.000	505.433	2556858.74	0.4460	A	0.6
8	☐	1000.000	988.444	5071575.37	0.8721	A	1.2
9	☐			2633.71	0.0004	P	50.5

$$y = 8.8231\text{E-}004 * x + 6.1441\text{E-}006$$

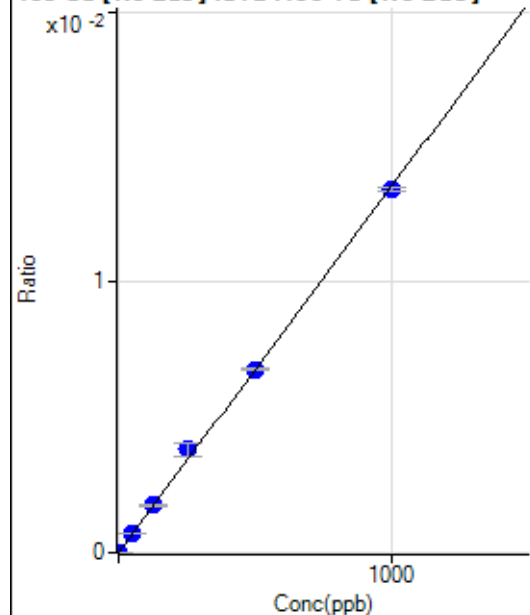
$$R = 0.9994$$

$$DL = 0.009882$$

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	6.95	0.0000	P	69.1
2	☐	0.100					
3	☐	1.000	0.894	76.39	0.0000	P	37.1
4	☐	50.000	51.780	4057.61	0.0007	P	3.1
5	☐	125.000	129.696	10017.70	0.0018	P	1.9
6	☐	250.000	281.684	20159.57	0.0038	P	12.3
7	☐	500.000	501.264	38915.59	0.0068	P	1.9
8	☐	1000.000	990.771	78010.66	0.0134	P	1.2
9	☐			2.78	0.0000	P	86.6

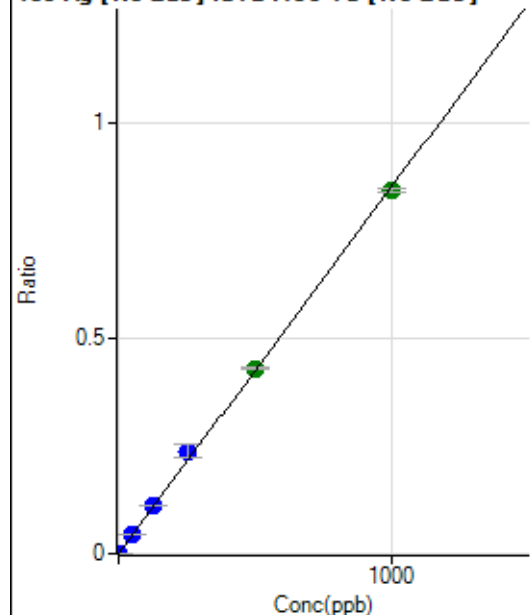
$$y = 1.3539\text{E-}005 * x + 1.1855\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.1816$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	1.031	5092.77	0.0009	P	3.5
4	☐	50.000	51.916	255822.66	0.0443	P	0.8
5	☐	125.000	131.190	637814.19	0.1119	P	2.3
6	☐	250.000	279.603	1260162.47	0.2384	P	12.1
7	☐	500.000	504.883	2468416.76	0.4305	A	0.7
8	☐	1000.000	989.288	4905599.68	0.8436	A	1.2
9	☐			2550.36	0.0004	P	47.2

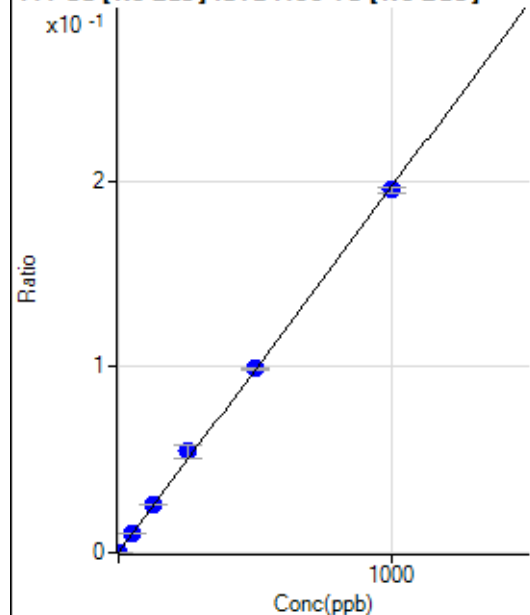
$$y = 8.5272\text{E-}004 * x + 7.5786\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.00743$$

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	650.18	0.0001	P	8.7
2	☐	0.100					
3	☐	1.000	0.953	1714.96	0.0003	P	4.9
4	☐	50.000	51.446	59057.46	0.0102	P	1.1
5	☐	125.000	129.786	146059.86	0.0256	P	1.2
6	☐	250.000	275.962	287181.07	0.0543	P	12.3
7	☐	500.000	502.260	566574.38	0.0988	P	0.3
8	☐	1000.000	991.709	1133931.97	0.1950	P	1.8
9	☐			728.10	0.0001	P	13.6

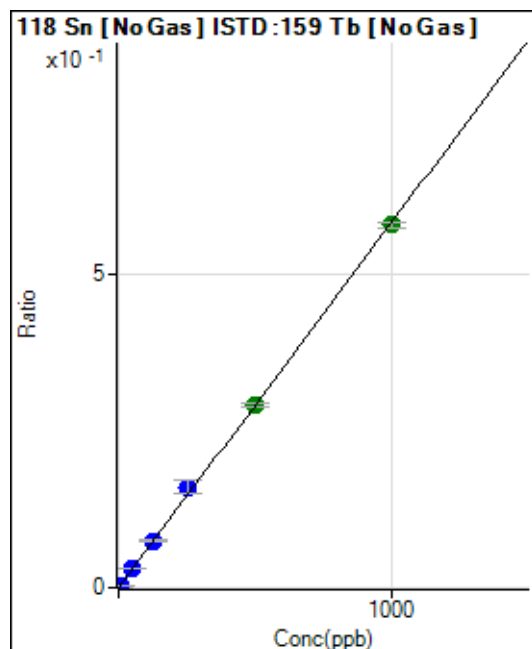
$$y = 1.9653\text{E-}004 * x + 1.1104\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.1482$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.68	0.0001	P	7.4
2	☐	0.500					
3	☐	5.000	4.904	16766.39	0.0029	P	3.7
4	☐	50.000	50.367	170273.53	0.0295	P	0.8
5	☐	125.000	128.404	427893.54	0.0750	P	1.0
6	☐	250.000	275.116	849204.42	0.1607	P	12.5
7	☐	500.000	499.283	1672139.99	0.2917	A	1.8
8	☐	1000.000	993.636	3374827.94	0.5804	A	1.6
9	☐			969.51	0.0002	P	2.6

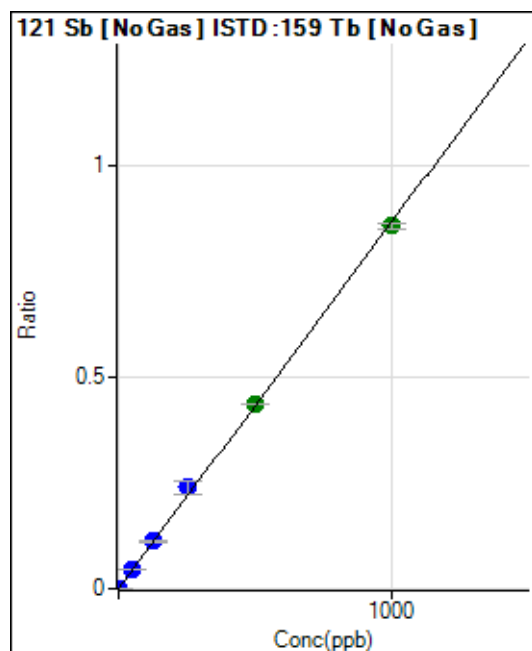
$$y = 5.8404\text{E-}004 * x + 5.4051\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.02068$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	70.4
2	☐	0.200					
3	☐	2.000	1.907	9492.55	0.0017	P	4.4
4	☐	50.000	51.150	255654.13	0.0442	P	0.8
5	☐	125.000	128.688	634682.14	0.1113	P	1.4
6	☐	250.000	277.216	1266687.79	0.2398	P	12.8
7	☐	500.000	505.483	2506981.52	0.4372	A	0.3
8	☐	1000.000	989.936	4979446.60	0.8563	A	1.4
9	☐			5765.28	0.0010	P	3.3

$$y = 8.6501\text{E-}004 * x + 2.3816\text{E-}006$$

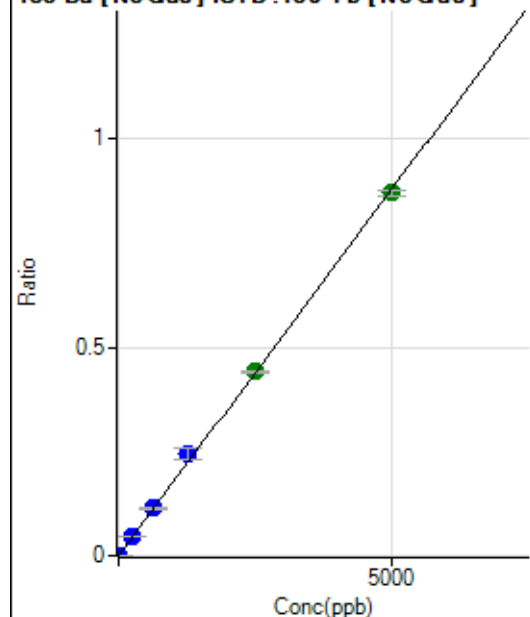
$$R = 0.9995$$

$$DL = 0.005813$$

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	13.89	0.0000	P	91.1
2	☐	1.000					
3	☐	10.000	9.477	9578.71	0.0017	P	4.2
4	☐	250.000	258.633	262547.43	0.0454	P	0.4
5	☐	625.000	648.401	649459.63	0.1139	P	2.1
6	☐	1250.000	1395.232	1294866.16	0.2451	P	12.7
7	☐	2500.000	2509.372	2527690.40	0.4409	A	0.3
8	☐	5000.000	4955.650	5062578.85	0.8706	A	1.7
9	☐			516.69	0.0001	P	15.2

$$y = 1.7568\text{E-}004 * x + 2.3673\text{E-}006$$

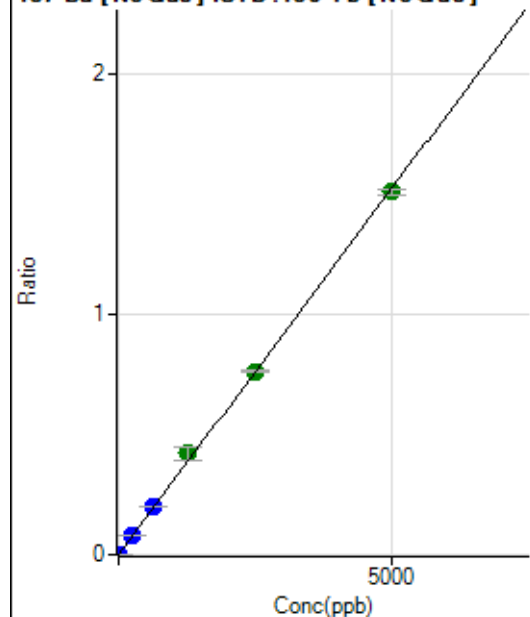
$$R = 0.9995$$

$$DL = 0.03684$$

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	19.44	0.0000	P	137.1
2	☐	1.000					
3	☐	10.000	9.684	16978.01	0.0030	P	3.4
4	☐	250.000	260.609	458995.20	0.0794	P	0.7
5	☐	625.000	655.540	1139154.87	0.1998	P	2.3
6	☐	1250.000	1385.023	2230362.94	0.4222	A	12.6
7	☐	2500.000	2508.852	4384382.74	0.7647	A	0.9
8	☐	5000.000	4957.471	8786510.09	1.5110	A	1.7
9	☐			875.05	0.0001	P	11.8

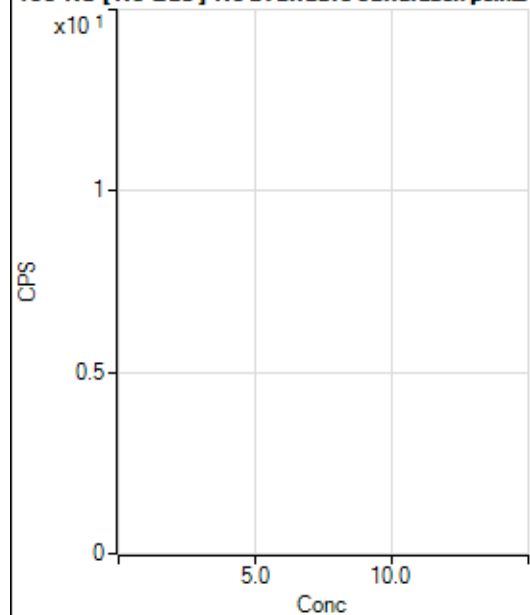
$$y = 3.0480\text{E-}004 * x + 3.2951\text{E-}006$$

$$R = 0.9996$$

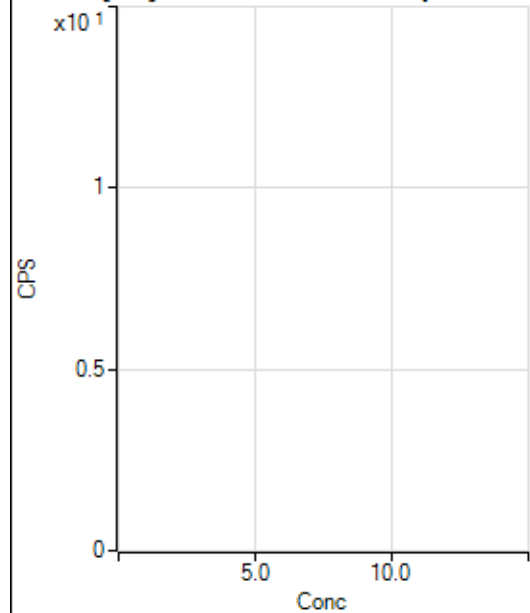
$$DL = 0.04448$$

Weight: <None>

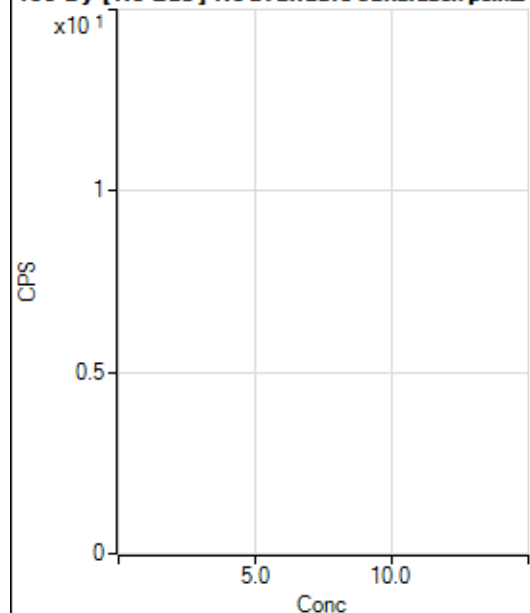
Min Conc: 0

150 Nd [No Gas] No available calibration points

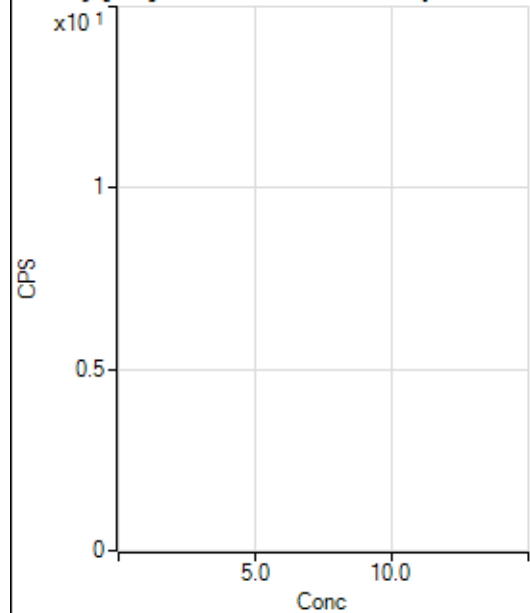
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	173.2
2	☐						
3	☐			4.44		P	173.2
4	☐			17.78		P	43.3
5	☐			31.11		P	32.7
6	☐			57.78		P	6.7
7	☐			82.23		P	46.1
8	☐			180.00		P	17.0
9	☐			108.89		P	9.4

150 Nd [He] No available calibration points

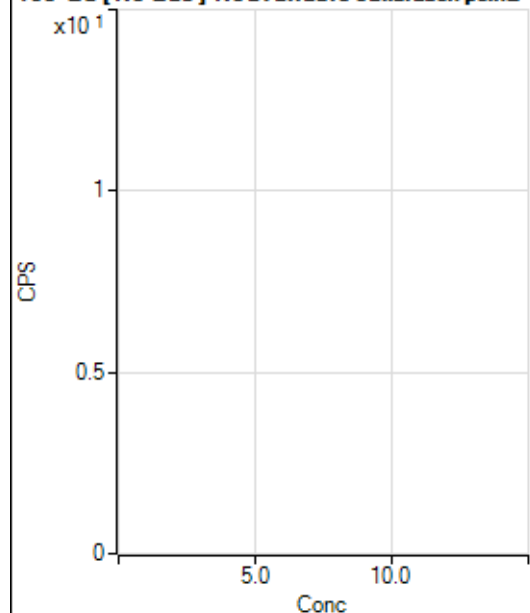
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	86.6
5	☐			0.00		P	
6	☐			7.78		P	49.5
7	☐			6.66		P	86.6
8	☐			17.78		P	43.3
9	☐			25.55		P	27.1

156 Dy [No Gas] No available calibration points

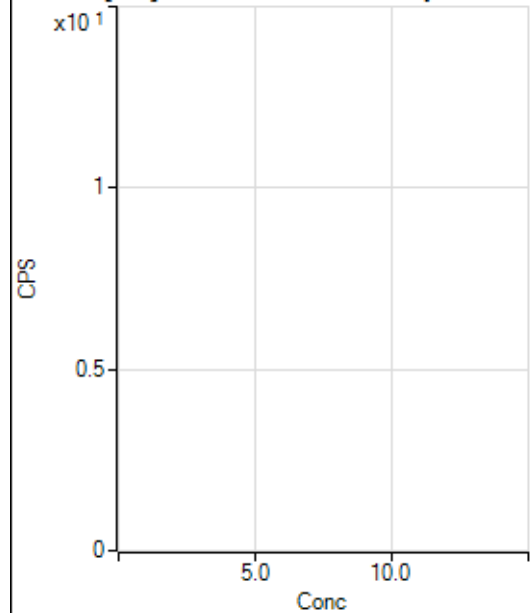
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			5.55		P	86.6
4	☐			16.67		P	50.0
5	☐			30.56		P	41.7
6	☐			27.78		P	34.6
7	☐			25.00		P	33.3
8	☐			63.89		P	15.1
9	☐			61.11		P	43.8

156 Dy [He] No available calibration points

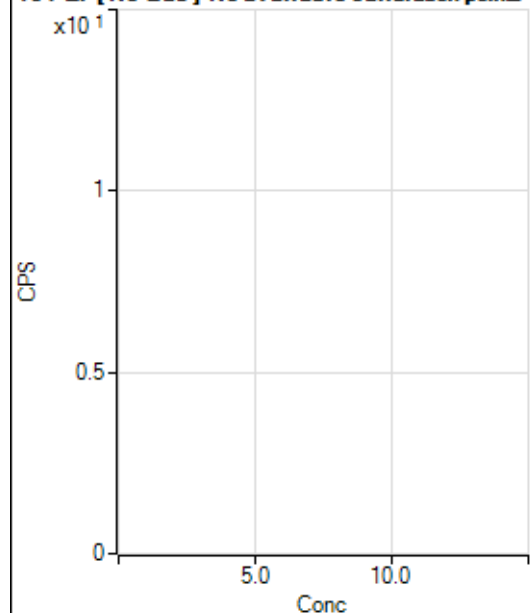
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			6.67		P	50.0
6	☐			2.22		P	86.6
7	☐			10.00		P	66.7
8	☐			8.89		P	57.3
9	☐			12.22		P	63.0

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

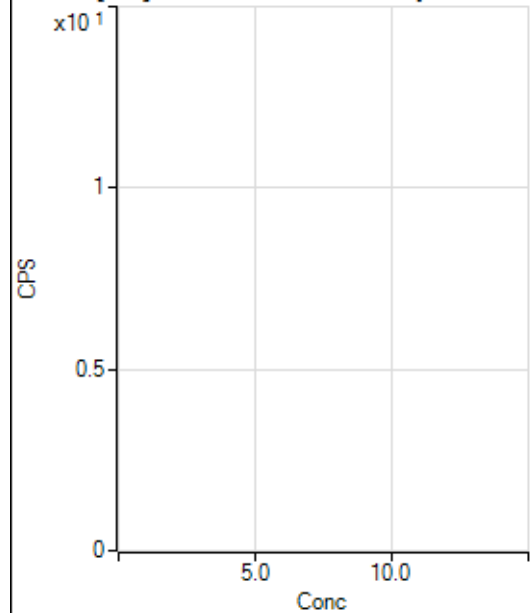
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐						
3	☐			19.44		P	49.5
4	☐			25.00		P	57.7
5	☐			16.67		P	50.0
6	☐			30.55		P	15.7
7	☐			33.33		P	129.9
8	☐			55.56		P	17.3
9	☐			52.78		P	32.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	105.4
2	☐						
3	☐			6.67		P	100.0
4	☐			6.67		P	0.0
5	☐			8.89		P	94.4
6	☐			15.56		P	53.9
7	☐			15.56		P	65.5
8	☐			13.33		P	50.0
9	☐			22.22		P	48.2

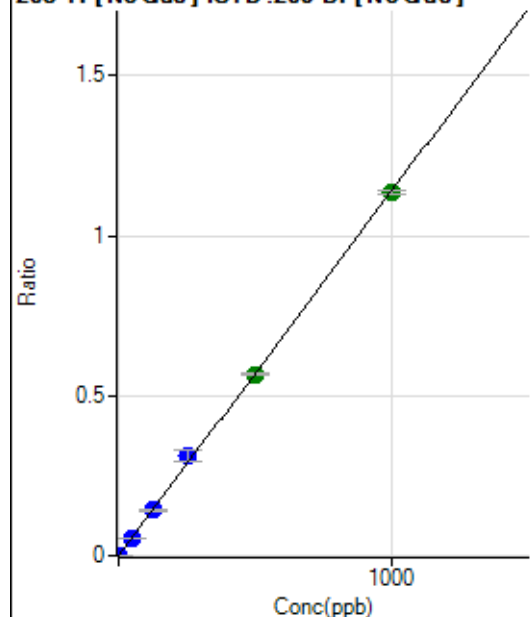
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐						
3	☐			22.22		P	21.6
4	☐			33.33		P	50.0
5	☐			27.78		P	17.3
6	☐			22.22		P	43.3
7	☐			33.34		P	86.6
8	☐			16.66		P	86.6
9	☐			22.22		P	78.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			7.78		P	107.8
4	☐			6.67		P	50.0
5	☐			7.78		P	49.5
6	☐			12.22		P	56.8
7	☐			8.89		P	57.3
8	☐			12.22		P	41.7
9	☐			12.22		P	63.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0000	P	10.2
2	☐	0.100					
3	☐	1.000	0.886	3978.52	0.0010	P	0.6
4	☐	50.000	49.355	216820.55	0.0563	P	1.4
5	☐	125.000	124.843	542449.24	0.1422	P	2.0
6	☐	250.000	274.361	1084037.71	0.3126	P	12.8
7	☐	500.000	497.838	2162555.34	0.5672	A	0.9
8	☐	1000.000	995.043	4386605.79	1.1336	A	1.2
9	☐			480.58	0.0001	P	18.9

$$y = 0.0011 * x + 2.3342E-005$$

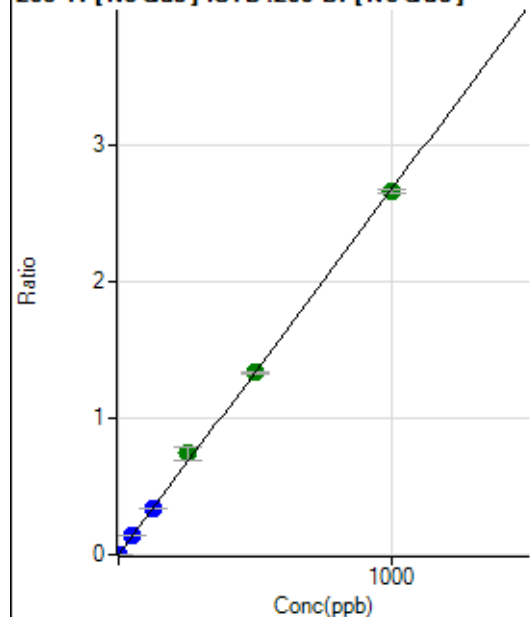
$$R = 0.9996$$

$$DL = 0.006252$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	133.33	0.0000	P	10.4
2	☐	0.100					
3	☐	1.000	0.927	9662.27	0.0025	P	5.3
4	☐	50.000	50.549	520352.82	0.1350	P	0.5
5	☐	125.000	127.170	1295038.01	0.3396	P	1.3
6	☐	250.000	277.139	2566042.27	0.7400	A	12.9
7	☐	500.000	499.236	5082348.51	1.3330	A	1.2
8	☐	1000.000	993.299	10262554.92	2.6521	A	1.2
9	☐			1052.86	0.0003	P	3.6

$$y = 0.0027 * x + 3.5017E-005$$

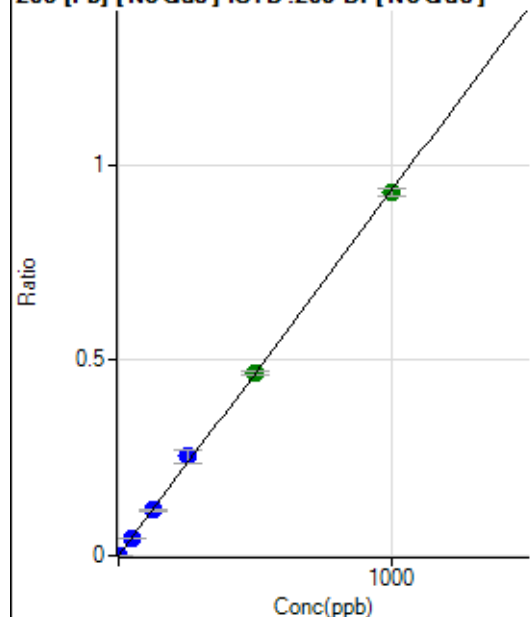
$$R = 0.9996$$

$$DL = 0.004101$$

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	261.12	0.0001	P	21.6
2	☐	0.100					
3	☐	1.000	0.950	3680.23	0.0010	P	5.8
4	☐	50.000	49.434	178218.28	0.0462	P	0.8
5	☐	125.000	124.129	442330.91	0.1160	P	1.7
6	☐	250.000	272.331	882398.48	0.2544	P	12.6
7	☐	500.000	501.831	1787116.07	0.4687	A	1.7
8	☐	1000.000	993.639	3590791.95	0.9280	A	2.2
9	☐			3989.58	0.0011	P	1.3

$$y = 9.3388\text{E-}004 * x + 6.8662\text{E-}005$$

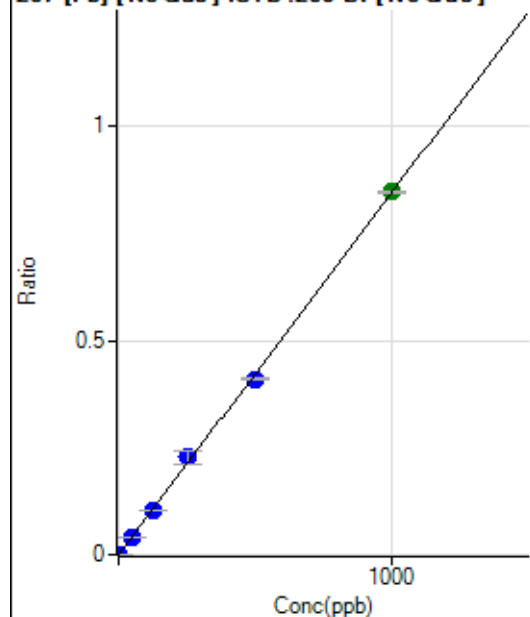
$$R = 0.9997$$

$$DL = 0.0477$$

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	240.75	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	0.895	3150.45	0.0008	P	7.3
4	☐	50.000	48.706	158690.23	0.0412	P	0.6
5	☐	125.000	121.450	391154.34	0.1026	P	1.2
6	☐	250.000	268.892	787328.75	0.2270	P	12.6
7	☐	500.000	484.859	1560459.18	0.4093	P	0.8
8	☐	1000.000	1003.356	3277165.23	0.8469	A	0.8
9	☐			3430.16	0.0009	P	3.2

$$y = 8.4397\text{E-}004 * x + 6.3291\text{E-}005$$

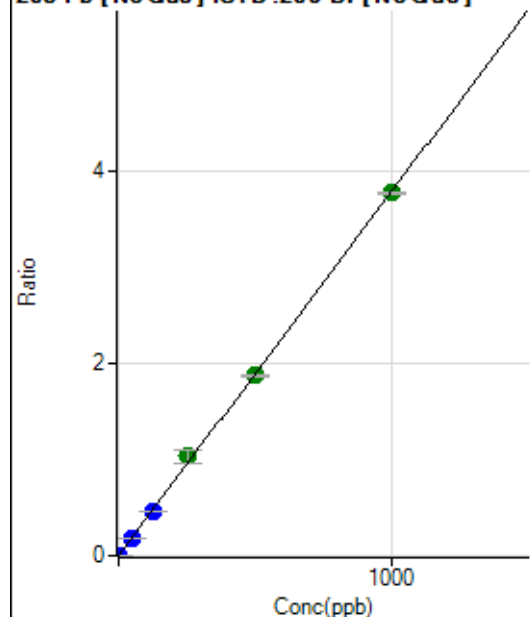
$$R = 0.9996$$

$$DL = 0.02576$$

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	1063.00	0.0003	P	15.5
2	☐	0.100					
3	☐	1.000	0.903	14245.92	0.0037	P	3.5
4	☐	50.000	48.858	714154.31	0.1853	P	0.2
5	☐	125.000	122.528	1770323.19	0.4642	P	1.6
6	☐	250.000	273.017	3585714.47	1.0340	A	12.9
7	☐	500.000	495.718	7157573.16	1.8773	A	1.0
8	☐	1000.000	996.753	14606014.70	3.7744	A	0.6
9	☐			15809.67	0.0043	P	1.7

$$y = 0.0038 * x + 2.7943E-004$$

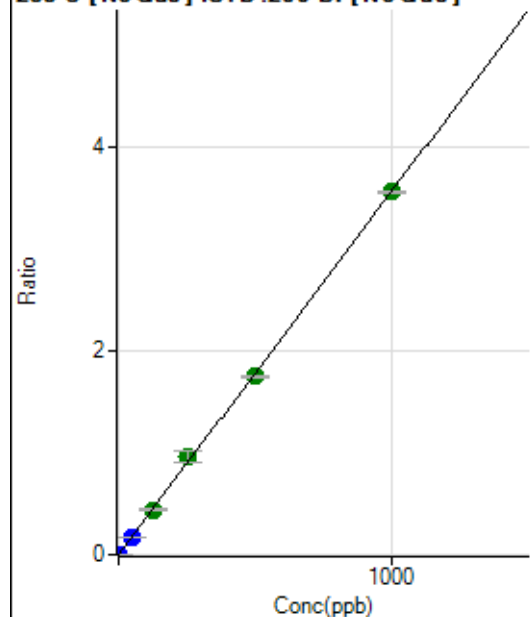
$$R = 0.9997$$

$$DL = 0.0344$$

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	72.23	0.0000	P	25.1
2	☐	0.100					
3	☐	1.000	0.882	12192.45	0.0032	P	6.4
4	☐	50.000	48.585	668462.90	0.1734	P	0.8
5	☐	125.000	123.858	1685772.51	0.4421	A	2.1
6	☐	250.000	271.923	3368589.57	0.9705	A	11.7
7	☐	500.000	490.804	6678950.24	1.7517	A	0.6
8	☐	1000.000	999.331	13802487.37	3.5667	A	0.3
9	☐			441.69	0.0001	P	15.5

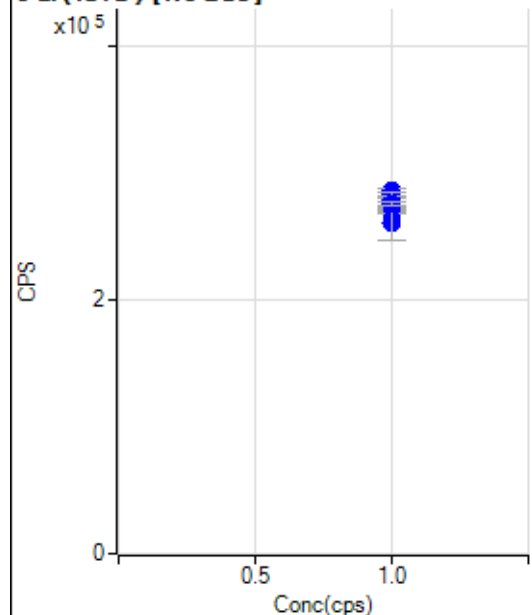
$$y = 0.0036 * x + 1.9005E-005$$

$$R = 0.9997$$

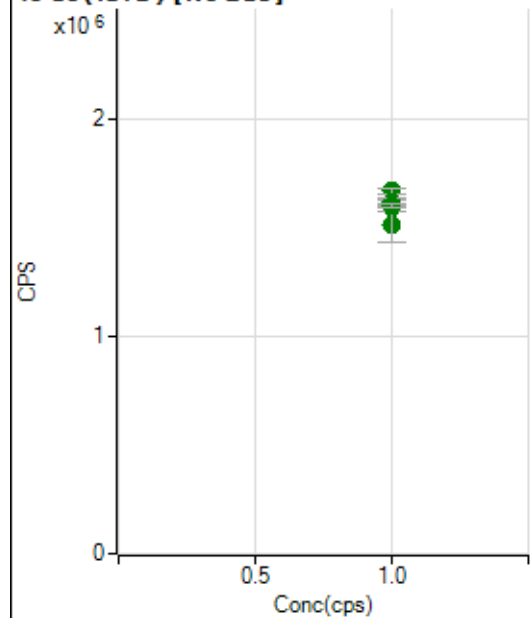
$$DL = 0.004013$$

Weight: <None>

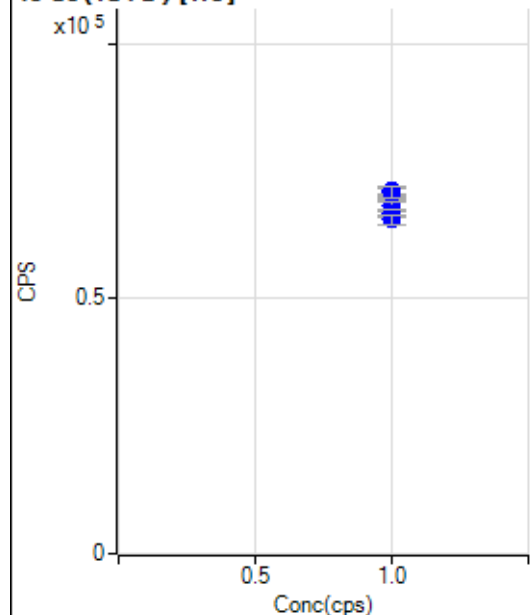
Min Conc: 0

6 Li (ISTD) [No Gas]

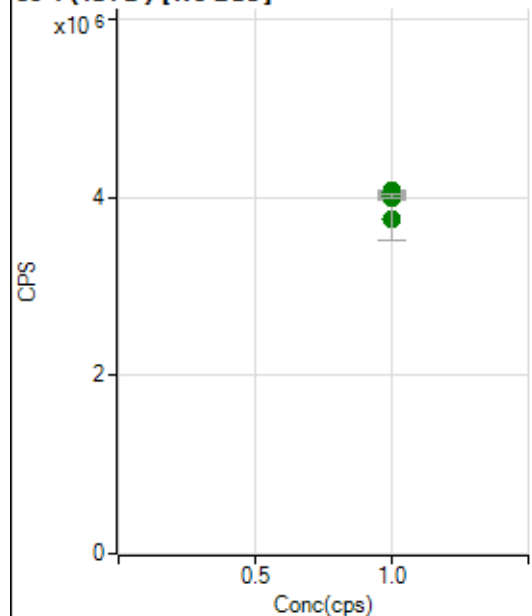
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		271785.65		P	0.8
2	☐	1.000					
3	☐	1.000		268671.51		P	0.7
4	☐	1.000		273274.78		P	0.6
5	☐	1.000		278953.09		P	1.0
6	☐	1.000		260612.89		P	10.3
7	☐	1.000		286005.93		P	0.9
8	☐	1.000		283279.94		P	1.3
9	☐	1.000		275922.37		P	1.4

45 Sc (ISTD) [No Gas]

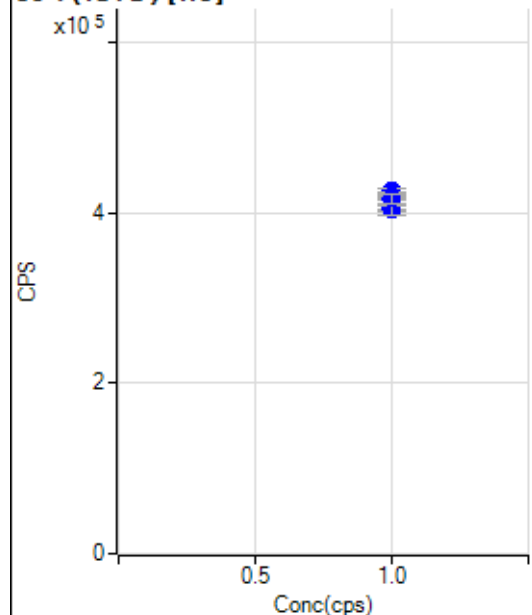
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1595315.83		A	1.8
2	☐	1.000					
3	☐	1.000		1614590.85		A	1.4
4	☐	1.000		1606486.05		A	1.1
5	☐	1.000		1605628.45		A	1.2
6	☐	1.000		1517131.63		A	10.9
7	☐	1.000		1670775.67		A	1.5
8	☐	1.000		1621760.64		A	2.2
9	☐	1.000		1601019.37		A	1.3

45 Sc (ISTD) [He]

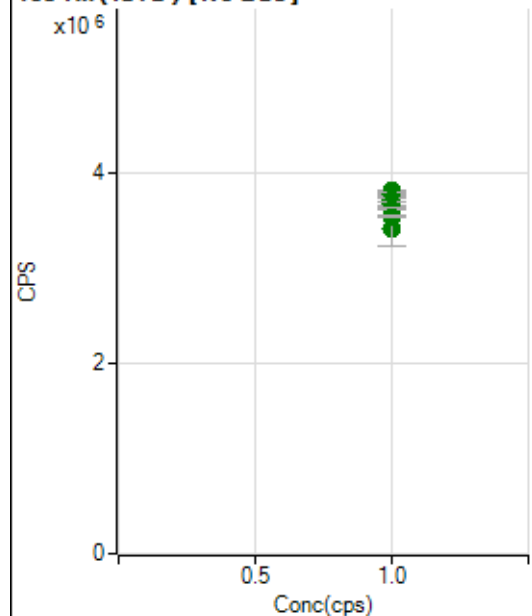
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		68329.36		P	3.9
2	☐	1.000					
3	☐	1.000		70966.57		P	2.5
4	☐	1.000		71186.51		P	2.2
5	☐	1.000		69865.58		P	1.6
6	☐	1.000		68417.44		P	2.3
7	☐	1.000		66692.54		P	2.2
8	☐	1.000		65528.44		P	2.6
9	☐	1.000		70846.01		P	3.1

89 Y (ISTD) [No Gas]

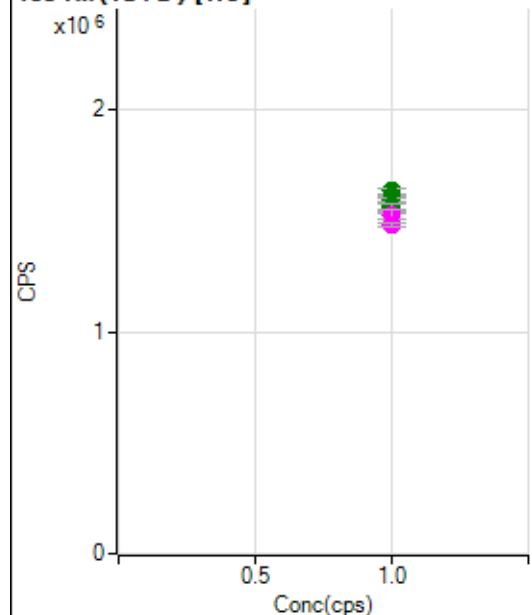
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4031449.49		A	0.6
2	☐	1.000					
3	☐	1.000		4077331.12		A	0.6
4	☐	1.000		4062643.69		A	0.7
5	☐	1.000		4031625.49		A	0.3
6	☐	1.000		3759089.08		A	12.1
7	☐	1.000		4000104.56		A	1.0
8	☐	1.000		4023176.26		A	0.8
9	☐	1.000		4017657.02		A	0.9

89 Y (ISTD) [He]

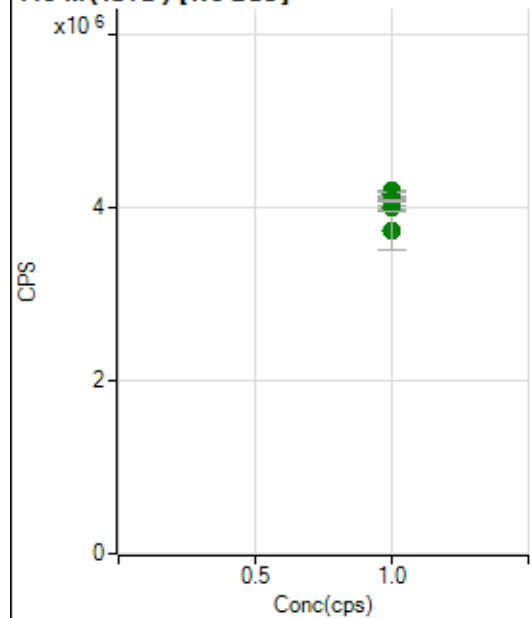
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		409225.00		P	3.7
2	☐	1.000					
3	☐	1.000		426250.41		P	1.8
4	☐	1.000		424486.79		P	1.9
5	☐	1.000		420983.77		P	1.3
6	☐	1.000		416484.86		P	2.2
7	☐	1.000		407780.54		P	1.9
8	☐	1.000		403591.13		P	2.6
9	☐	1.000		416876.73		P	2.8

103 Rh (ISTD) [No Gas]

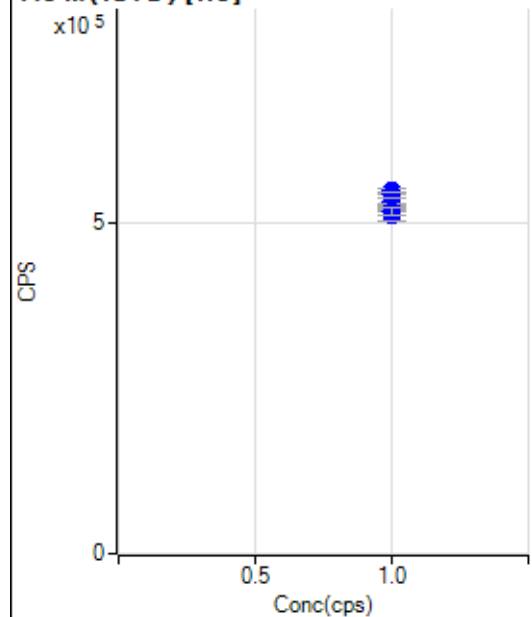
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3779741.58		A	0.5
2	☐	1.000					
3	☐	1.000		3804424.39		A	0.3
4	☐	1.000		3766560.02		A	1.1
5	☐	1.000		3711942.97		A	1.0
6	☐	1.000		3415502.07		A	11.4
7	☐	1.000		3677032.98		A	0.9
8	☐	1.000		3618795.61		A	0.1
9	☐	1.000		3533963.19		A	0.6

103 Rh (ISTD) [He]

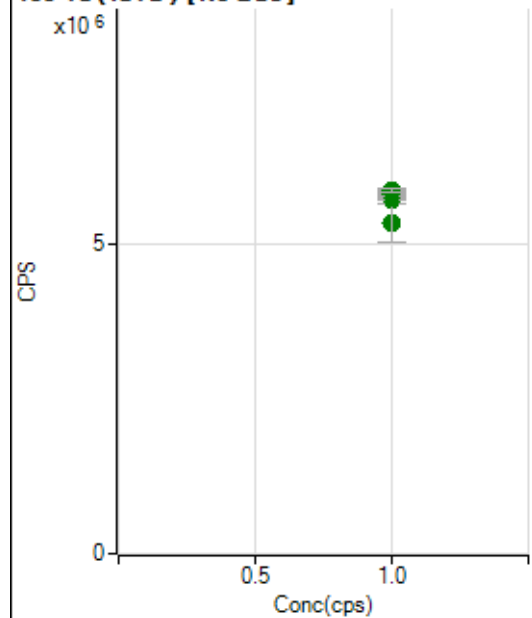
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1577972.81		A	4.2
2	☐	1.000					
3	☐	1.000		1633883.85		A	1.3
4	☐	1.000		1607460.78		A	0.9
5	☐	1.000		1589996.56		A	1.9
6	☐	1.000		1566317.41		A	2.8
7	☐	1.000		1554716.94		A	3.2
8	☐	1.000		1526736.18		M	2.9
9	☐	1.000		1480797.91		M	1.5

115 In (ISTD) [No Gas]

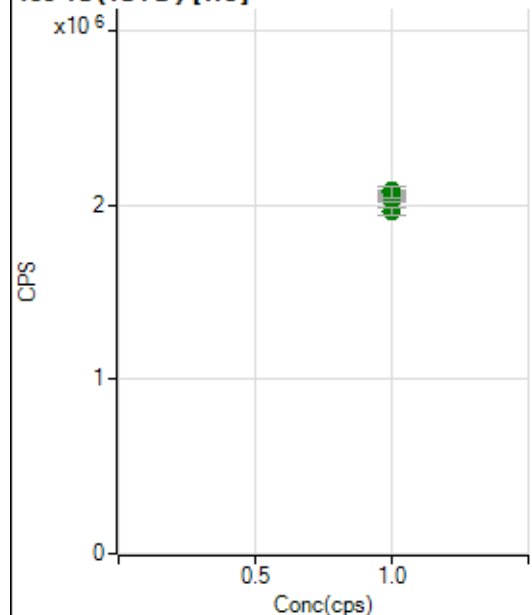
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4154781.29		A	1.1
2	☐	1.000					
3	☐	1.000		4199347.86		A	0.2
4	☐	1.000		4158118.35		A	0.7
5	☐	1.000		4095916.80		A	0.7
6	☐	1.000		3747130.19		A	12.5
7	☐	1.000		3998195.83		A	1.3
8	☐	1.000		4071325.47		A	0.3
9	☐	1.000		4082988.26		A	0.6

115 In (ISTD) [He]

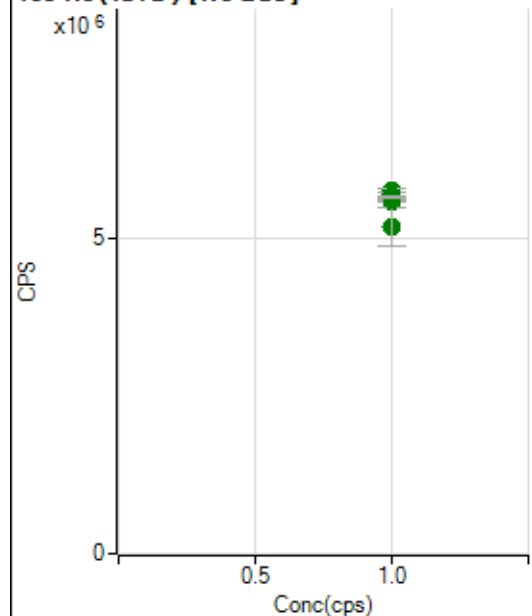
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		527703.61		P	3.1
2	☐	1.000					
3	☐	1.000		547781.87		P	1.7
4	☐	1.000		547116.93		P	1.8
5	☐	1.000		542108.77		P	1.9
6	☐	1.000		530910.93		P	2.3
7	☐	1.000		523820.48		P	2.0
8	☐	1.000		509833.82		P	3.0
9	☐	1.000		517122.78		P	2.6

159 Tb (ISTD) [No Gas]

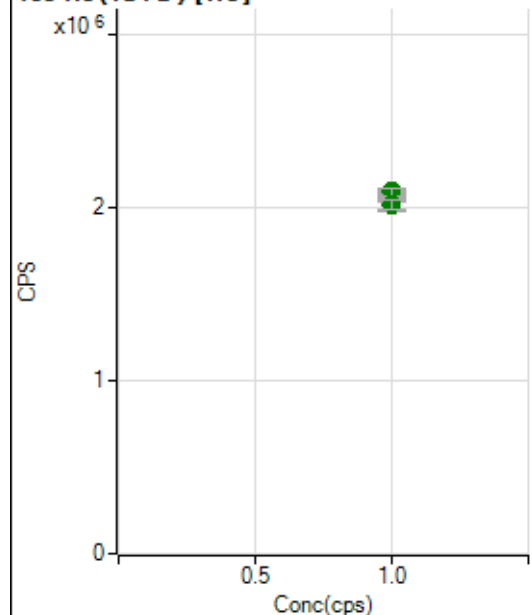
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5857949.50		A	1.1
2	☐	1.000					
3	☐	1.000		5746297.00		A	1.2
4	☐	1.000		5777973.87		A	0.6
5	☐	1.000		5702108.52		A	1.2
6	☐	1.000		5335413.74		A	11.7
7	☐	1.000		5733537.07		A	0.4
8	☐	1.000		5815814.22		A	1.5
9	☐	1.000		5860355.26		A	1.0

159 Tb (ISTD) [He]

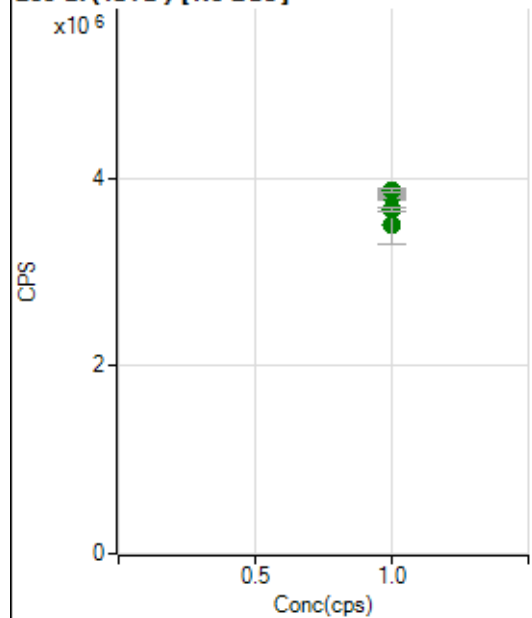
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2027978.30		A	3.5
2	☐	1.000					
3	☐	1.000		2043579.27		A	1.2
4	☐	1.000		2062780.94		A	2.7
5	☐	1.000		2063339.42		A	1.7
6	☐	1.000		2044982.56		A	2.3
7	☐	1.000		2084634.05		A	1.9
8	☐	1.000		2074417.82		A	3.2
9	☐	1.000		1966884.54		A	2.1

165 Ho (ISTD) [No Gas]

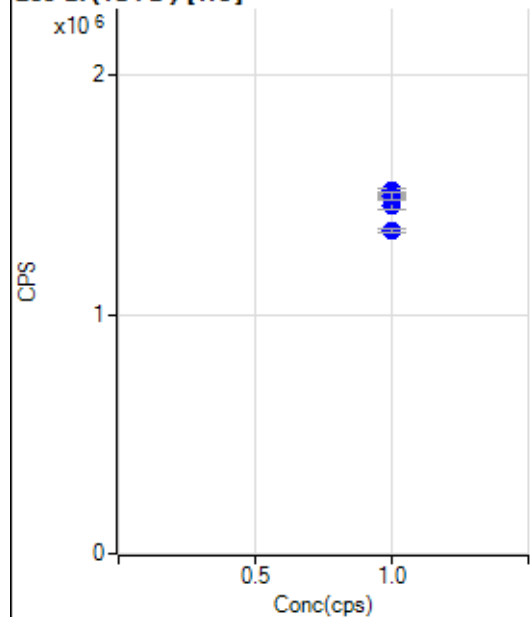
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5690693.10		A	1.0
2	☐	1.000					
3	☐	1.000		5595148.09		A	1.3
4	☐	1.000		5586202.25		A	0.8
5	☐	1.000		5580217.31		A	0.8
6	☐	1.000		5173411.14		A	11.3
7	☐	1.000		5601374.99		A	0.5
8	☐	1.000		5738107.98		A	1.0
9	☐	1.000		5645850.52		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2003535.53		A	2.7
2	☐	1.000					
3	☐	1.000		2051730.09		A	1.7
4	☐	1.000		2069660.78		A	1.5
5	☐	1.000		2074382.68		A	2.3
6	☐	1.000		2092511.34		A	1.6
7	☐	1.000		2081152.47		A	2.9
8	☐	1.000		2085574.43		A	2.6
9	☐	1.000		2013198.87		A	2.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3806774.74		A	1.1
2	☐	1.000					
3	☐	1.000		3851572.13		A	1.1
4	☐	1.000		3854602.44		A	0.5
5	☐	1.000		3814375.40		A	1.9
6	☐	1.000		3501449.67		A	11.2
7	☐	1.000		3812904.07		A	0.6
8	☐	1.000		3869941.95		A	1.0
9	☐	1.000		3671686.79		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1457272.83		P	3.0
2	☐	1.000					
3	☐	1.000		1490971.07		P	1.3
4	☐	1.000		1504598.38		P	1.2
5	☐	1.000		1501099.75		P	0.9
6	☐	1.000		1501230.31		P	1.6
7	☐	1.000		1515967.36		P	1.7
8	☐	1.000		1496228.08		P	2.2
9	☐	1.000		1353193.85		P	1.3