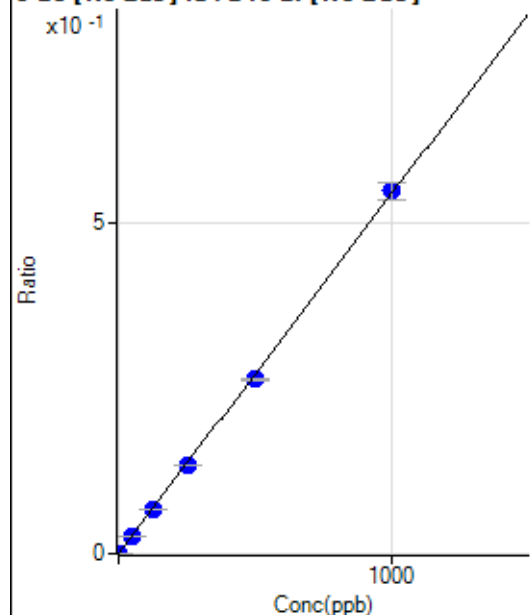


Batch Folder: D:\ICP-MS Data\P7061419 MS.b\
Analysis File: P7061419 MS.batch.bin
DA Date-Time: 2019-06-15 02:52:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-14 15:17:26
2	004CAL.S.d	S01	2019-06-14 15:21:02
3	005CAL.S.d	S02	2019-06-14 15:25:17
4	006CAL.S.d	S03	2019-06-14 15:29:13
5	007CAL.S.d	S04	2019-06-14 15:33:09
6	008CAL.S.d	S05	2019-06-14 15:37:03
7	009CAL.S.d	S06	2019-06-14 15:40:55
8	010CAL.S.d	S07	2019-06-14 15:44:44
9	011CAL.S.d	S08	2019-06-14 15:48:32

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63.33	0.0000	P	24.5
2	☐	0.100	0.093	161.12	0.0001	P	7.4
3	☐	1.000	0.879	1022.27	0.0005	P	10.8
4	☐	50.000	49.326	54030.25	0.0269	P	1.1
5	☐	125.000	125.390	132223.23	0.0683	P	0.1
6	☐	250.000	247.128	239117.62	0.1346	P	0.6
7	☐	500.000	484.341	460728.03	0.2638	P	0.9
8	☐	1000.000	1008.533	912056.75	0.5493	P	4.9
9	☐			414.45	0.0002	P	11.5

$$y = 5.4460\text{E-}004 * x + 3.1890\text{E-}005$$

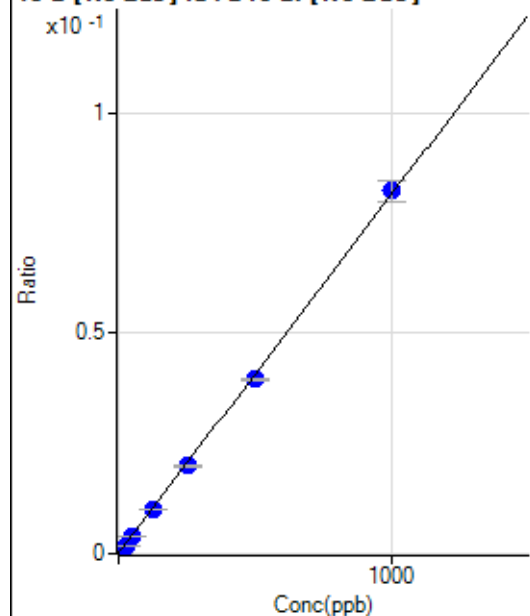
$$R = 0.9998$$

$$DL = 0.04303$$

$$BEC = 0.05856$$

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	205.57	0.0001	P	29.7
2	☐	2.500	2.346	572.26	0.0003	P	13.7
3	☐	25.000	22.187	3825.65	0.0019	P	2.7
4	☐	50.000	48.233	8099.71	0.0040	P	1.3
5	☐	125.000	121.060	19282.45	0.0100	P	2.1
6	☐	250.000	244.204	35511.96	0.0200	P	1.6
7	☐	500.000	484.092	69049.68	0.0395	P	1.3
8	☐	1000.000	1010.055	136735.96	0.0824	P	5.6
9	☐			8283.17	0.0047	P	8.8

$$y = 8.1444\text{E-}005 * x + 1.0351\text{E-}004$$

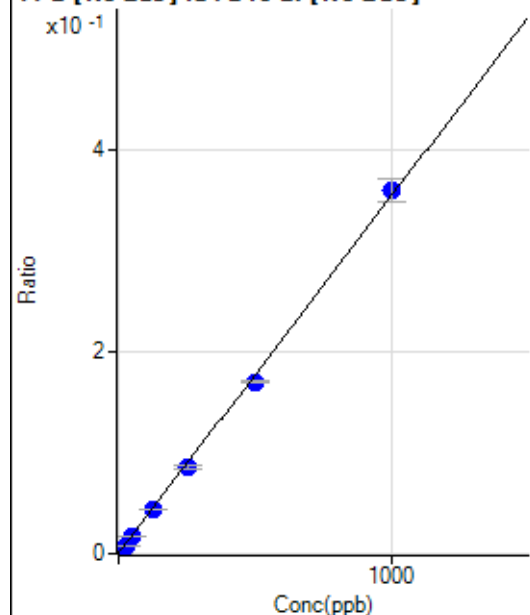
$$R = 0.9998$$

$$DL = 1.132$$

$$BEC = 1.271$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	891.73	0.0004	P	8.9
2	☐	2.500	2.325	2480.85	0.0013	P	4.8
3	☐	25.000	22.005	16531.76	0.0083	P	2.9
4	☐	50.000	47.683	34885.54	0.0174	P	2.3
5	☐	125.000	121.382	84214.98	0.0435	P	1.5
6	☐	250.000	240.879	152597.84	0.0859	P	2.5
7	☐	500.000	478.555	297350.25	0.1702	P	1.0
8	☐	1000.000	1013.646	597629.11	0.3601	P	6.3
9	☐			35729.47	0.0204	P	11.7

$$y = 3.5479\text{E-}004 * x + 4.4872\text{E-}004$$

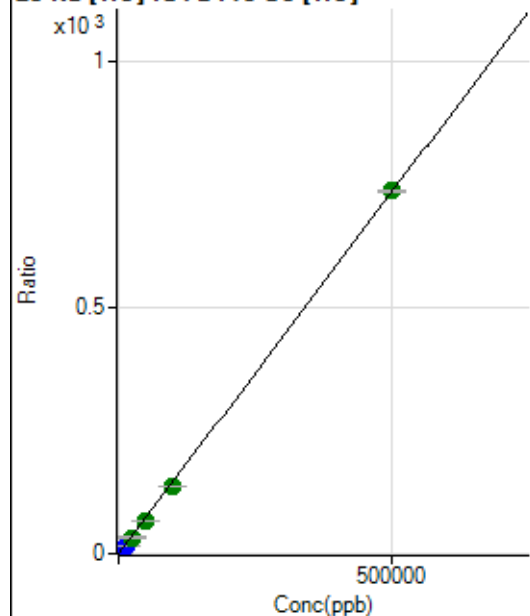
$$R = 0.9996$$

$$DL = 0.3385$$

$$BEC = 1.265$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1758.51	0.0134	P	2.3
2	☐	50.000	41.129	9850.82	0.0739	P	2.5
3	☐	500.000	423.262	84951.37	0.6358	P	1.7
4	☐	5000.000	4607.390	884092.61	6.7885	P	0.9
5	☐	12500.000	11641.278	2120560.46	17.1317	P	0.5
6	☐	25000.000	22514.437	3883997.14	33.1206	A	2.2
7	☐	50000.000	45432.093	7691907.90	66.8207	A	0.4
8	☐	100000.00	92439.063	15307961.28	135.9438	A	0.3
9	☐	500000.00	502118.72	87174009.59	738.3722	A	0.7

$$y = 0.0015 * x + 0.0134$$

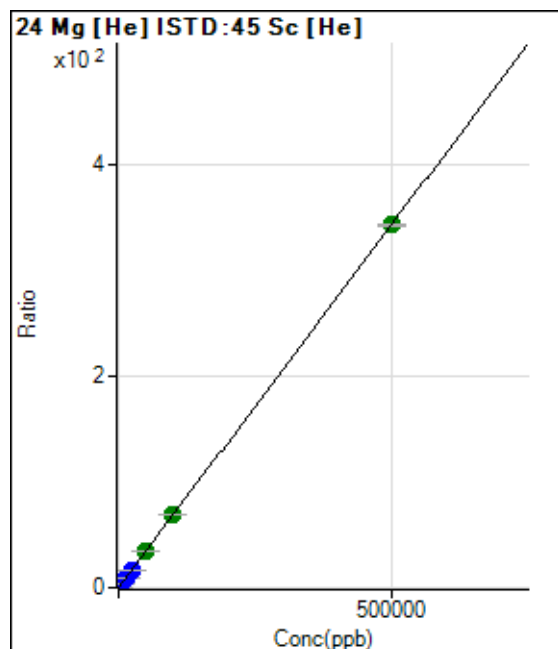
$$R = 0.9999$$

$$DL = 0.6173$$

$$BEC = 9.117$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0006	P	27.1
2	☐	50.000	49.274	4578.66	0.0343	P	1.3
3	☐	500.000	492.244	45135.48	0.3378	P	2.6
4	☐	5000.000	5115.132	456454.07	3.5048	P	0.4
5	☐	12500.000	12901.043	1094045.23	8.8387	P	0.5
6	☐	25000.000	24871.320	1998196.27	17.0391	P	2.2
7	☐	50000.000	49646.086	3915107.38	34.0114	A	0.4
8	☐	100000.00	100741.01	7771433.33	69.0148	A	0.4
9	☐	500000.00	499882.45	40430656.11	342.4530	A	0.8

$$y = 6.8507\text{E-}004 * x + 5.9314\text{E-}004$$

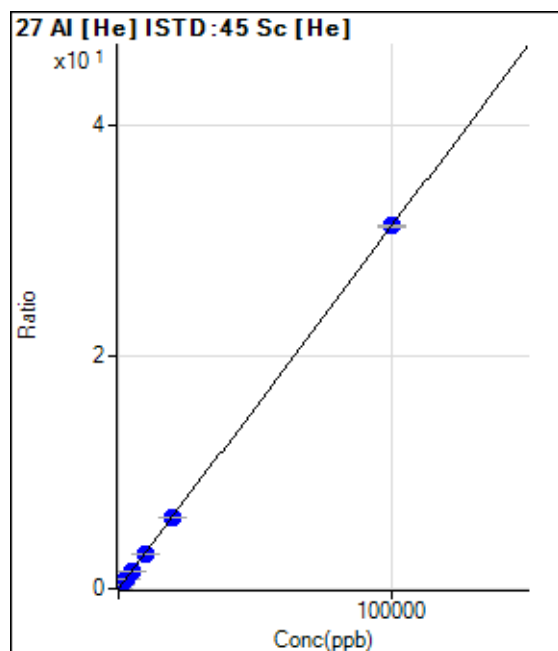
$$R = 1.0000$$

$$DL = 0.7037$$

$$BEC = 0.8658$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	2.000	1.727	77.78	0.0006	P	42.4
3	☐	20.000	18.861	791.72	0.0059	P	11.8
4	☐	1000.000	990.990	40282.92	0.3093	P	2.3
5	☐	2500.000	2512.437	97066.55	0.7842	P	1.6
6	☐	5000.000	4854.153	177672.70	1.5150	P	1.8
7	☐	10000.000	9612.499	345351.87	3.0001	P	0.7
8	☐	20000.000	19584.432	688282.86	6.1124	P	0.4
9	☐	100000.00	100128.93	3689597.78	31.2504	P	0.5

$$y = 3.1210\text{E-}004 * x + 4.2327\text{E-}005$$

$$R = 1.0000$$

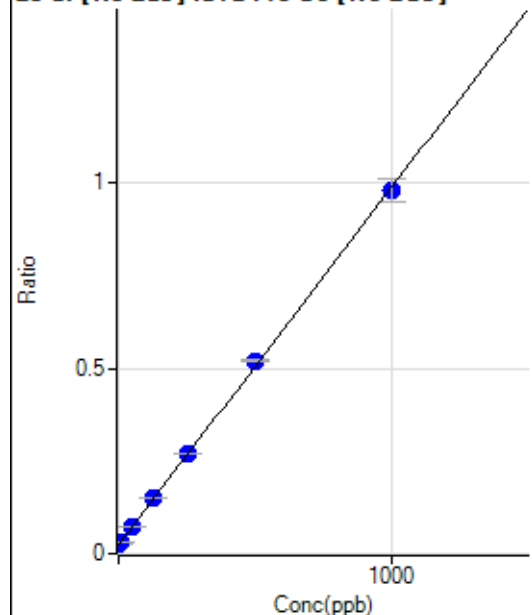
$$DL = 0.3524$$

$$BEC = 0.1356$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD : 45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71192.08	0.0237	P	1.0
2	☐	1.000	1.412	73400.10	0.0250	P	7.5
3	☐	10.000	8.339	96311.85	0.0317	P	0.4
4	☐	50.000	51.041	221105.56	0.0728	P	1.9
5	☐	125.000	130.389	435502.42	0.1493	P	0.4
6	☐	250.000	257.081	724672.32	0.2713	P	0.3
7	☐	500.000	513.941	1371417.36	0.5187	P	1.0
8	☐	1000.000	990.550	2432035.12	0.9778	P	6.2
9	☐			187613.76	0.0725	P	1.1

$$y = 9.6325E-004 * x + 0.0237$$

$$R = 0.9998$$

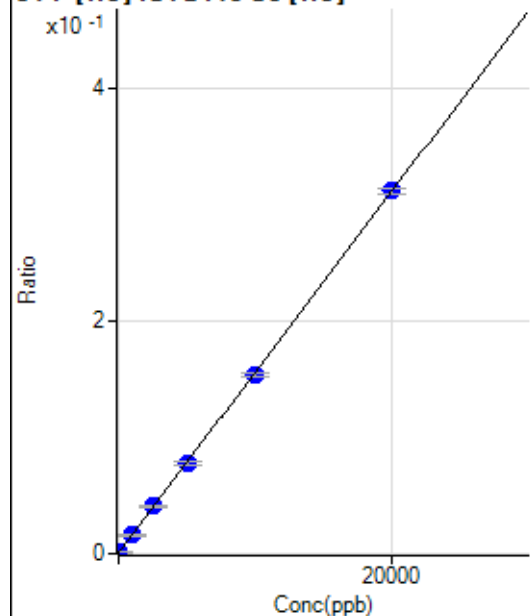
$$DL = 0.739$$

$$BEC = 24.56$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.784	50.00	0.0004	P	60.1
2	☐	0.000	-11.758	69.45	0.0005	P	41.9
3	☐	0.000	32.542	161.12	0.0012	P	42.5
4	☐	1000.000	989.682	2089.12	0.0160	P	10.6
5	☐	2500.000	2598.052	5073.30	0.0410	P	4.6
6	☐	5000.000	4984.383	9142.07	0.0780	P	4.6
7	☐	10000.000	9881.004	17716.61	0.1539	P	1.8
8	☐	20000.000	20051.662	35089.42	0.3116	P	1.5
9	☐			63.89	0.0005	P	46.8

$$y = 1.5505E-005 * x + 7.0349E-004$$

$$R = 1.0000$$

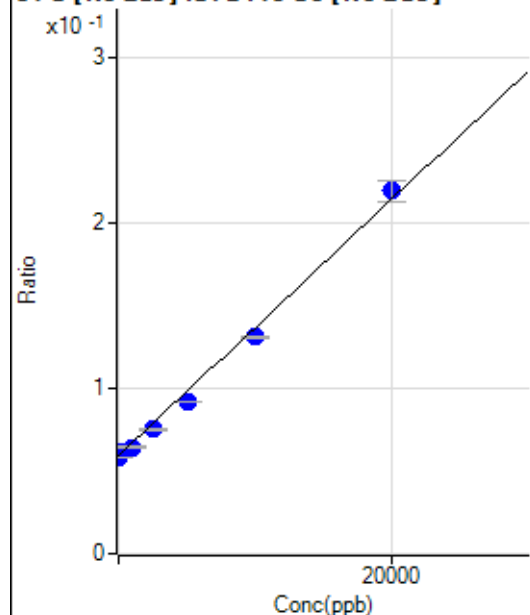
$$DL = 61.97$$

$$BEC = 45.37$$

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	-101.729	175986.36	0.0585	P	1.0
2	☐	0.000	226.632	178988.19	0.0610	P	8.2
3	☐	0.000	-124.903	177188.39	0.0583	P	1.0
4	☐	1000.000	631.633	194853.83	0.0642	P	1.9
5	☐	2500.000	2037.146	219003.20	0.0751	P	1.7
6	☐	5000.000	4220.300	245678.67	0.0920	P	0.6
7	☐	10000.000	9262.958	346438.03	0.1310	P	1.1
8	☐	20000.000	20639.721	545272.48	0.2192	P	5.7
9	☐			141460.08	0.0547	P	1.0

$$y = 7.7473\text{E-}006 * x + 0.0593$$

$$R = 0.9980$$

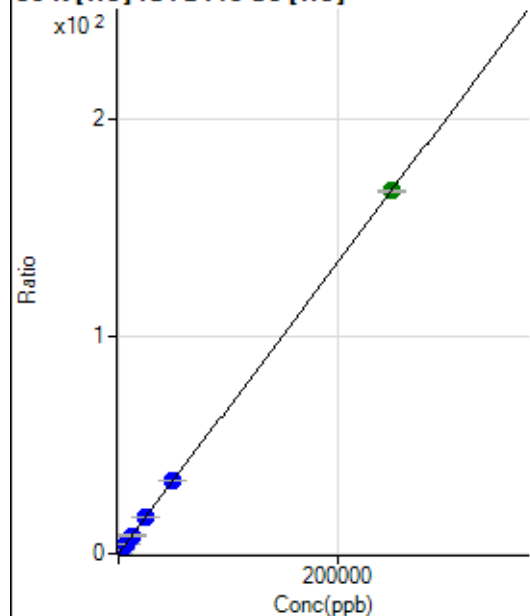
$$DL = 798$$

$$BEC = 7652$$

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	7157.57	0.0546	P	3.5
2	☐	50.000	46.476	11407.60	0.0856	P	4.7
3	☐	500.000	462.225	48513.46	0.3631	P	1.0
4	☐	2500.000	2573.271	230778.48	1.7720	P	0.8
5	☐	6250.000	6464.822	540834.11	4.3693	P	0.4
6	☐	12500.000	12499.252	984708.15	8.3968	P	2.0
7	☐	25000.000	24999.597	1926989.48	16.7398	P	0.3
8	☐	50000.000	50385.317	3792873.87	33.6828	P	0.2
9	☐	250000.00	249916.98	19699312.25	166.8544	A	0.7

$$y = 6.6742\text{E-}004 * x + 0.0546$$

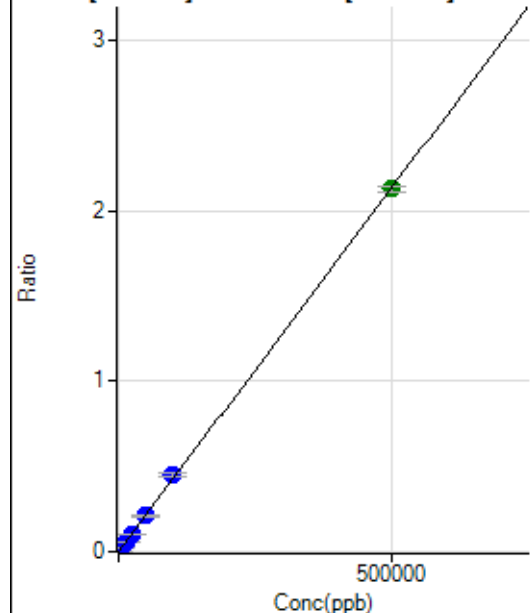
$$R = 1.0000$$

$$DL = 8.696$$

$$BEC = 81.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	61.11	0.0000	P	51.4
2	☐	50.000	47.240	650.04	0.0002	P	7.1
3	☐	500.000	443.071	5798.59	0.0019	P	2.6
4	☐	5000.000	4941.870	63988.85	0.0211	P	0.9
5	☐	12500.000	12499.859	155444.38	0.0533	P	0.6
6	☐	25000.000	24853.584	282894.25	0.1059	P	1.2
7	☐	50000.000	49176.486	553926.47	0.2095	P	1.4
8	☐	100000.00	105225.05	1115439.88	0.4483	P	5.4
9	☐	500000.00	499045.30	5498840.27	2.1262	A	1.8

$$y = 4.2604\text{E-}006 * x + 2.0280\text{E-}005$$

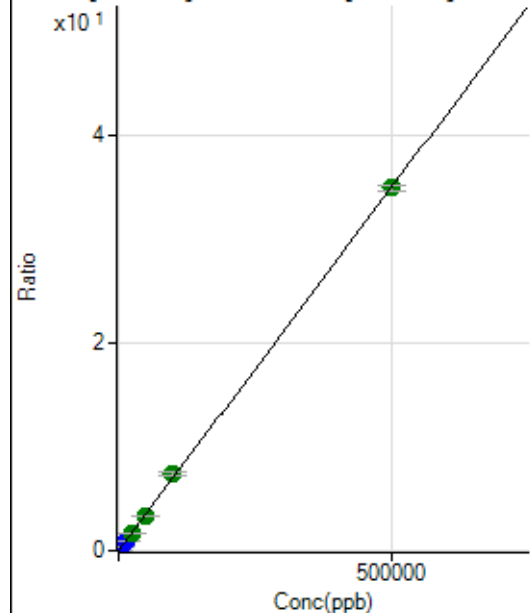
$$R = 0.9999$$

$$DL = 7.344$$

$$BEC = 4.76$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2105.83	0.0007	P	6.9
2	☐	50.000	49.323	12174.91	0.0041	P	6.9
3	☐	500.000	463.345	100587.62	0.0331	P	1.5
4	☐	5000.000	4884.257	1039229.70	0.3423	P	0.2
5	☐	12500.000	12369.161	2525927.77	0.8657	P	0.6
6	☐	25000.000	24608.127	4598700.89	1.7216	A	0.7
7	☐	50000.000	48659.202	8998127.55	3.4036	A	1.1
8	☐	100000.00	104894.47	18251178.18	7.3364	A	5.7
9	☐	500000.00	499179.24	90286077.02	34.9101	A	1.9

$$y = 6.9934\text{E-}005 * x + 6.9982\text{E-}004$$

$$R = 0.9999$$

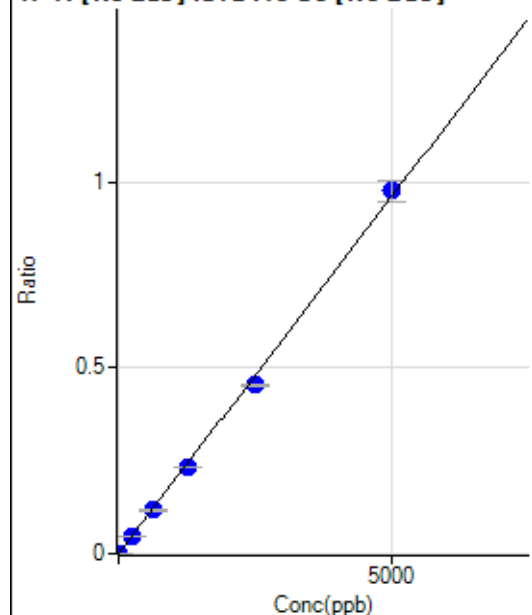
$$DL = 2.084$$

$$BEC = 10.01$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	30.8
2	☐	0.500	0.507	316.68	0.0001	P	10.2
3	☐	5.000	4.590	2708.71	0.0009	P	6.1
4	☐	250.000	240.816	140384.64	0.0462	P	0.8
5	☐	625.000	606.577	339771.02	0.1165	P	0.7
6	☐	1250.000	1203.133	616944.11	0.2310	P	0.6
7	☐	2500.000	2360.937	1198186.69	0.4532	P	1.1
8	☐	5000.000	5084.011	2427810.19	0.9759	P	5.8
9	☐			1411.24	0.0005	P	9.1

$$y = 1.9196E-004 * x + 1.0144E-005$$

$$R = 0.9994$$

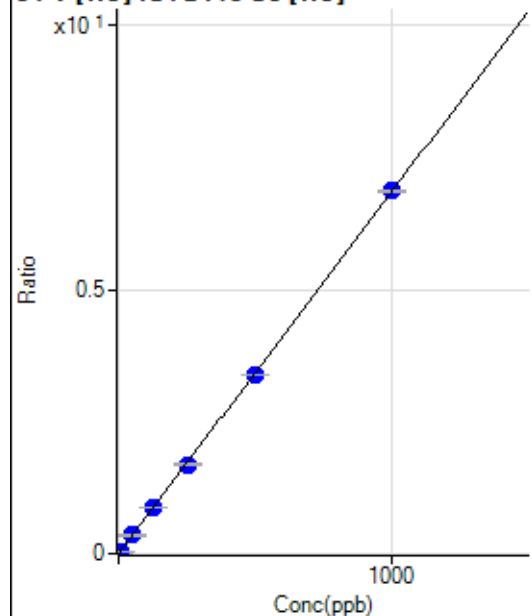
$$DL = 0.04891$$

$$BEC = 0.05284$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500	0.501	456.68	0.0034	P	15.6
3	☐	5.000	5.023	4588.55	0.0343	P	2.8
4	☐	50.000	50.651	45105.51	0.3463	P	1.2
5	☐	125.000	127.176	107643.18	0.8696	P	0.5
6	☐	250.000	244.783	196287.50	1.6738	P	2.2
7	☐	500.000	495.215	389805.03	3.3863	P	0.2
8	☐	1000.000	1003.392	772602.43	6.8612	P	0.3
9	☐			252.23	0.0021	P	13.8

$$y = 0.0068 * x + 0.0000E+000$$

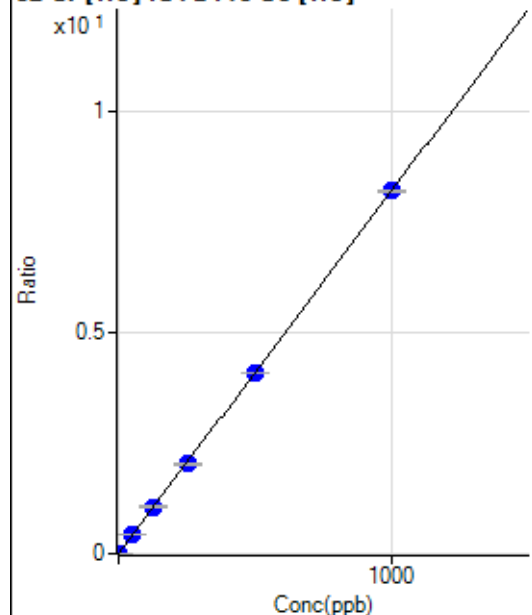
$$R = 1.0000$$

$$DL = 0$$

$$BEC = 0$$

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	288.90	0.0022	P	6.5
2	☐	0.200	0.235	551.13	0.0041	P	1.2
3	☐	2.000	1.915	2394.68	0.0179	P	3.3
4	☐	50.000	51.705	55533.03	0.4264	P	1.7
5	☐	125.000	128.959	131238.60	1.0603	P	1.4
6	☐	250.000	248.145	239017.19	2.0381	P	2.1
7	☐	500.000	499.688	472185.47	4.1020	P	0.4
8	☐	1000.000	1000.040	924169.49	8.2072	P	0.5
9	☐			15482.76	0.1311	P	2.0

$$y = 0.0082 * x + 0.0022$$

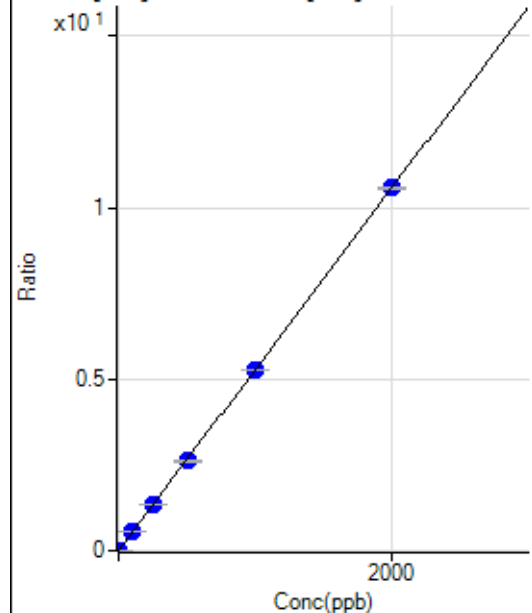
$$R = 1.0000$$

$$DL = 0.05237$$

$$BEC = 0.2685$$

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	22.22	0.0002	P	56.9
2	☐	0.100	0.113	102.22	0.0008	P	26.6
3	☐	1.000	1.039	755.59	0.0057	P	5.3
4	☐	100.000	101.520	69810.20	0.5360	P	0.6
5	☐	250.000	254.629	166383.61	1.3442	P	0.9
6	☐	500.000	498.070	308318.57	2.6292	P	2.1
7	☐	1000.000	994.578	604325.54	5.2499	P	0.4
8	☐	2000.000	2002.539	1190274.88	10.5703	P	0.2
9	☐			5381.06	0.0456	P	2.2

$$y = 0.0053 * x + 1.6949E-004$$

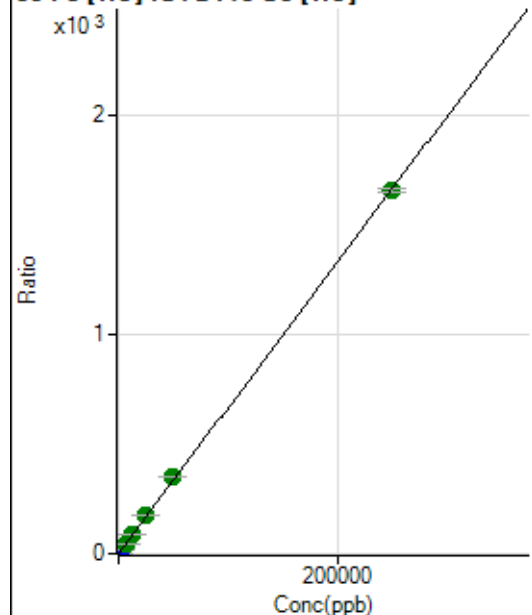
$$R = 1.0000$$

$$DL = 0.05482$$

$$BEC = 0.03211$$

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	1477.89	0.0113	P	1.1
2	☐	5.000	5.483	6358.94	0.0477	P	0.5
3	☐	50.000	53.715	49195.57	0.3682	P	1.1
4	☐	2500.000	2702.859	2340416.95	17.9705	P	0.4
5	☐	6250.000	6693.197	5506279.35	44.4844	A	0.2
6	☐	12500.000	12977.420	10112918.05	86.2401	A	2.3
7	☐	25000.000	26035.093	19914420.58	173.0022	A	0.5
8	☐	50000.000	52782.338	39493805.51	350.7250	A	0.2
9	☐	250000.00	249303.04	195566267.3	1,656.512	A	1.0

$$y = 0.0066 * x + 0.0113$$

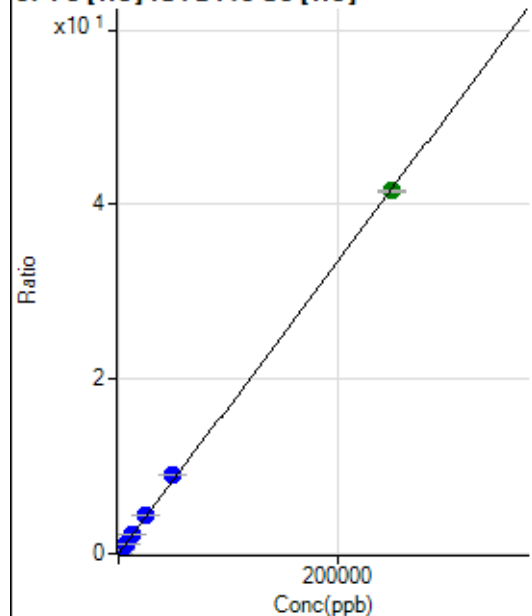
$$R = 0.9999$$

$$DL = 0.05719$$

$$BEC = 1.696$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	64.82	0.0005	P	34.7
2	☐	5.000	5.697	192.60	0.0014	P	14.5
3	☐	50.000	54.930	1290.84	0.0097	P	4.0
4	☐	2500.000	2737.432	59563.71	0.4573	P	0.8
5	☐	6250.000	6807.643	140685.77	1.1366	P	0.8
6	☐	12500.000	13297.265	260277.24	2.2196	P	2.4
7	☐	25000.000	26469.431	508547.28	4.4178	P	0.8
8	☐	50000.000	53728.617	1009715.59	8.9669	P	0.6
9	☐	250000.00	249051.15	4906984.60	41.5631	A	0.9

$$y = 1.6688E-004 * x + 4.9422E-004$$

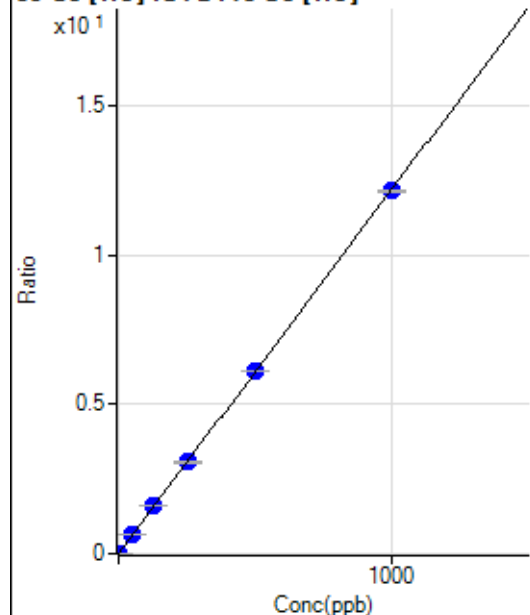
$$R = 0.9999$$

$$DL = 3.085$$

$$BEC = 2.961$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0002	P	62.4
2	☐	0.100	0.100	190.00	0.0014	P	14.2
3	☐	1.000	0.965	1597.89	0.0120	P	1.7
4	☐	50.000	52.712	83640.12	0.6422	P	0.6
5	☐	125.000	130.872	197328.22	1.5942	P	0.3
6	☐	250.000	252.498	360643.98	3.0755	P	2.5
7	☐	500.000	503.443	705874.56	6.1320	P	0.2
8	☐	1000.000	996.784	1367097.58	12.1407	P	0.7
9	☐			17112.38	0.1449	P	1.6

$$y = 0.0122 * x + 2.0321E-004$$

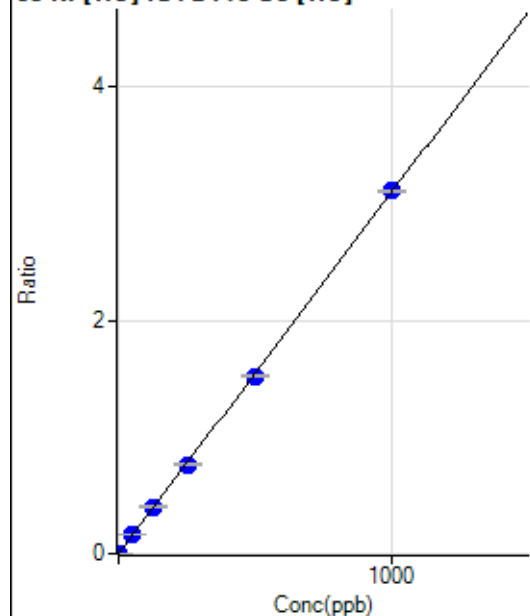
$$R = 1.0000$$

$$DL = 0.03122$$

$$BEC = 0.01668$$

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	40.00	0.0003	P	16.5
2	☐	0.100	0.157	105.56	0.0008	P	11.0
3	☐	1.000	1.014	460.01	0.0034	P	15.7
4	☐	50.000	52.405	21160.97	0.1625	P	1.8
5	☐	125.000	130.277	49943.68	0.4035	P	1.8
6	☐	250.000	246.804	89603.75	0.7641	P	2.5
7	☐	500.000	491.801	175241.54	1.5224	P	0.5
8	☐	1000.000	1004.119	349965.63	3.1079	P	0.6
9	☐			6435.96	0.0545	P	1.0

$$y = 0.0031 * x + 3.0491E-004$$

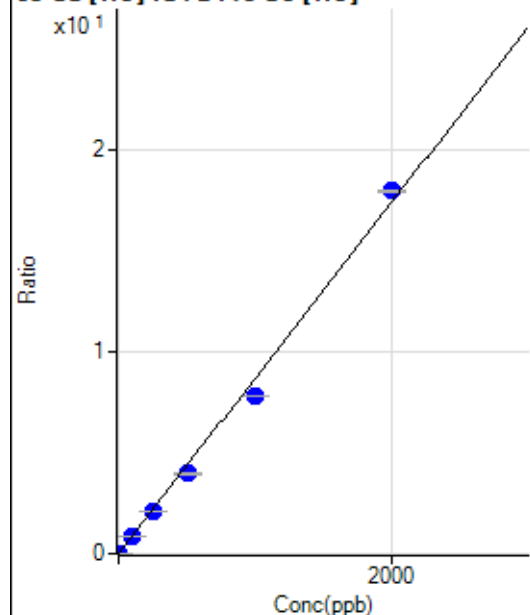
$$R = 0.9999$$

$$DL = 0.04884$$

$$BEC = 0.09852$$

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	165.56	0.0013	P	27.1
2	☐	0.200	0.147	338.90	0.0025	P	13.9
3	☐	2.000	1.817	2283.55	0.0171	P	4.6
4	☐	100.000	95.147	108103.95	0.8301	P	1.0
5	☐	250.000	236.300	254943.50	2.0596	P	0.3
6	☐	500.000	454.785	464663.16	3.9628	P	2.9
7	☐	1000.000	893.829	896425.15	7.7873	P	0.3
8	☐	2000.000	2066.344	2026993.60	18.0010	P	0.5
9	☐			2905.89	0.0246	P	0.3

$$y = 0.0087 * x + 0.0013$$

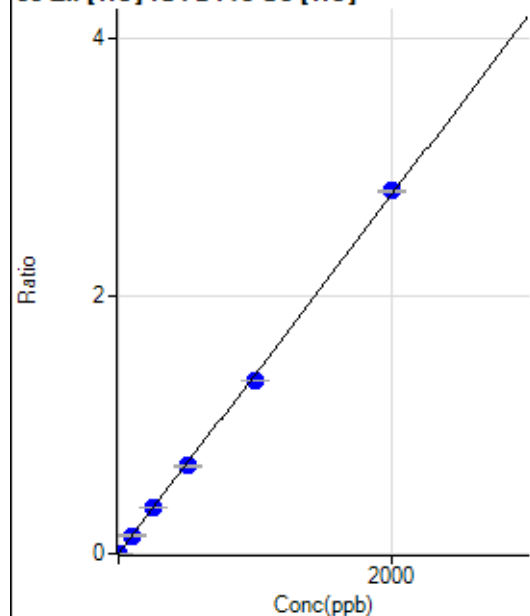
$$R = 0.9978$$

$$DL = 0.1176$$

$$BEC = 0.1449$$

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	104.45	0.0008	P	6.5
2	☐	0.200	0.087	122.23	0.0009	P	15.1
3	☐	2.000	1.890	457.79	0.0034	P	8.7
4	☐	100.000	101.042	18422.94	0.1415	P	1.4
5	☐	250.000	253.216	43733.19	0.3533	P	0.3
6	☐	500.000	487.688	79703.76	0.6797	P	2.7
7	☐	1000.000	959.723	153893.85	1.3369	P	0.0
8	☐	2000.000	2022.763	317184.56	2.8168	P	0.6
9	☐			4339.59	0.0368	P	1.9

$$y = 0.0014 * x + 7.9625E-004$$

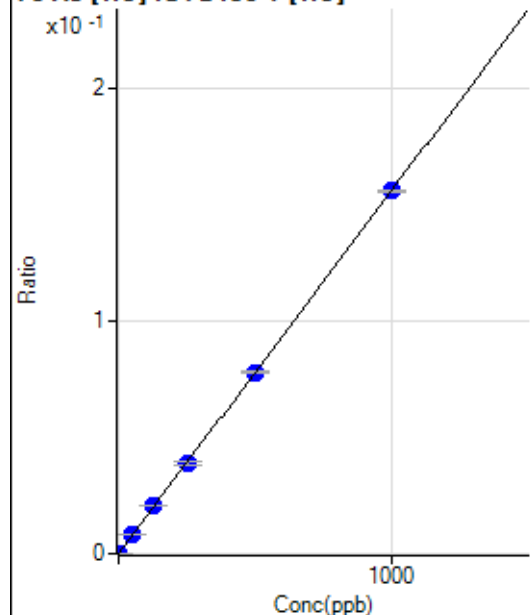
$$R = 0.9997$$

$$DL = 0.1118$$

$$BEC = 0.572$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.94	0.0000	P	57.3
2	☐	0.100	0.075	13.58	0.0000	P	55.8
3	☐	1.000	0.921	109.88	0.0002	P	22.9
4	☐	50.000	51.618	5788.23	0.0081	P	1.7
5	☐	125.000	130.990	13973.46	0.0205	P	0.8
6	☐	250.000	249.360	25624.48	0.0389	P	2.6
7	☐	500.000	498.904	50497.74	0.0779	P	1.0
8	☐	1000.000	999.878	99455.88	0.1561	P	0.4
9	☐			163.59	0.0003	P	10.4

$$y = 1.5608\text{E-}004 * x + 6.8536\text{E-}006$$

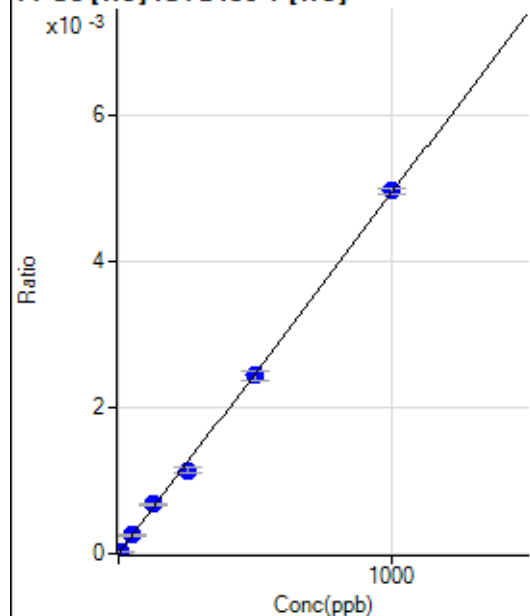
$$R = 1.0000$$

$$DL = 0.07545$$

$$BEC = 0.04391$$

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	1.556	5.56	0.0000	P	92.4
3	☐	5.000	6.471	23.33	0.0000	P	14.5
4	☐	50.000	51.969	184.45	0.0003	P	10.3
5	☐	125.000	136.526	461.13	0.0007	P	4.7
6	☐	250.000	230.504	750.03	0.0011	P	6.1
7	☐	500.000	494.533	1585.67	0.0024	P	5.4
8	☐	1000.000	1006.060	3169.29	0.0050	P	1.5
9	☐			1.11	0.0000	P	173.2

$$y = 4.9434\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

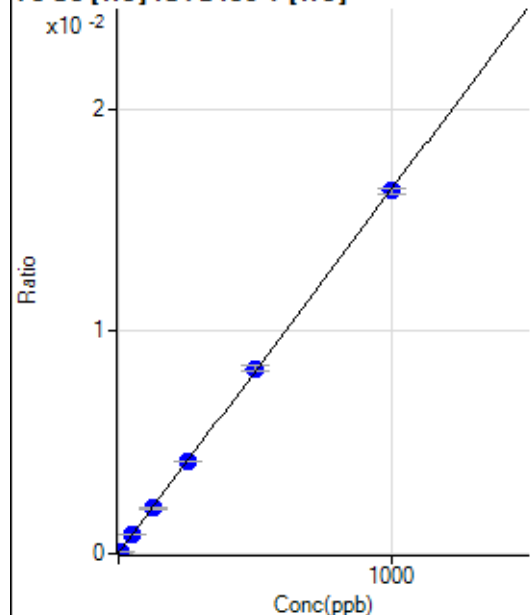
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

78 Se [He] ISTD:89 Y [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.52	0.0000	P	17.0
2	☐	0.500	0.864	29.01	0.0000	P	8.2
3	☐	5.000	4.998	78.39	0.0001	P	26.0
4	☐	50.000	51.038	617.30	0.0009	P	1.9
5	☐	125.000	124.622	1409.34	0.0021	P	3.7
6	☐	250.000	251.768	2726.82	0.0041	P	0.7
7	☐	500.000	507.651	5396.72	0.0083	P	2.7
8	☐	1000.000	995.728	10388.35	0.0163	P	1.8
9	☐			21.60	0.0000	P	47.4

$$y = 1.6346E-005 * x + 2.5704E-005$$

$$R = 1.0000$$

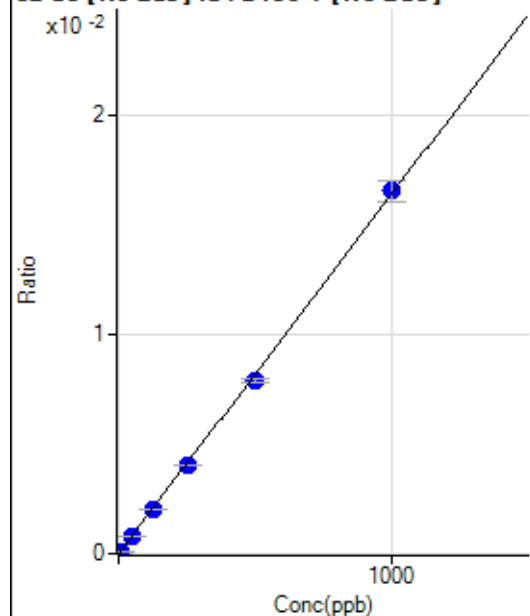
$$DL = 0.8$$

$$BEC = 1.573$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.60	0.0000	P	1979.
2	☐	0.500	0.325	25.64	0.0000	P	17.9
3	☐	5.000	5.519	421.45	0.0001	P	7.6
4	☐	50.000	49.625	3797.71	0.0008	P	2.4
5	☐	125.000	124.324	9192.85	0.0020	P	2.0
6	☐	250.000	245.843	17133.76	0.0040	P	0.5
7	☐	500.000	482.848	33498.10	0.0079	P	1.7
8	☐	1000.000	1009.716	66593.10	0.0165	P	5.7
9	☐			50.57	0.0000	P	77.2

$$y = 1.6389E-005 * x + 3.6507E-007$$

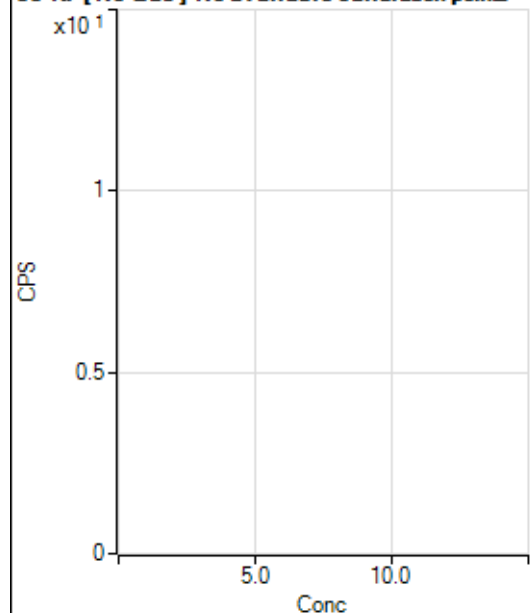
$$R = 0.9998$$

$$DL = 1.323$$

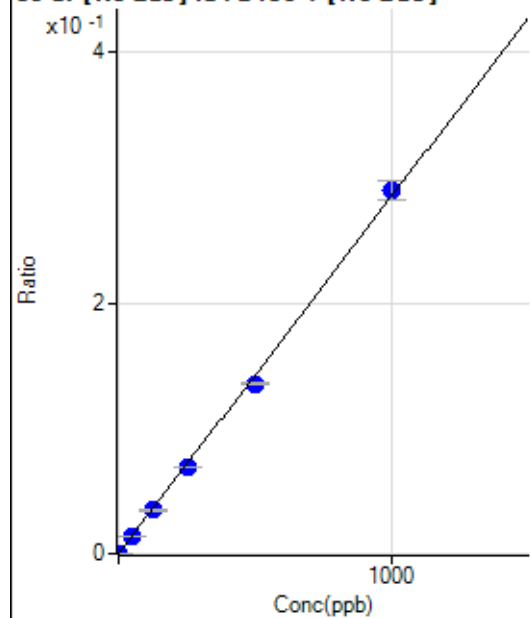
$$BEC = 0.02227$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			125.56		P	32.4
2	☐			134.45		P	11.7
3	☐			107.78		P	18.9
4	☐			130.00		P	13.6
5	☐			112.23		P	4.5
6	☐			122.23		P	15.0
7	☐			111.12		P	12.1
8	☐			106.67		P	20.5
9	☐			125.56		P	12.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	188.90	0.0000	P	20.0
2	☐	0.100	0.105	322.24	0.0001	P	14.1
3	☐	1.000	0.974	1480.70	0.0003	P	7.6
4	☐	50.000	47.362	63247.90	0.0136	P	0.9
5	☐	125.000	121.168	156077.16	0.0346	P	1.1
6	☐	250.000	241.925	293579.80	0.0690	P	0.8
7	☐	500.000	474.486	573109.84	0.1354	P	1.2
8	☐	1000.000	1015.387	1165803.79	0.2897	P	5.3
9	☐			5240.06	0.0013	P	4.8

$$y = 2.8523E-004 * x + 4.1181E-005$$

$$R = 0.9995$$

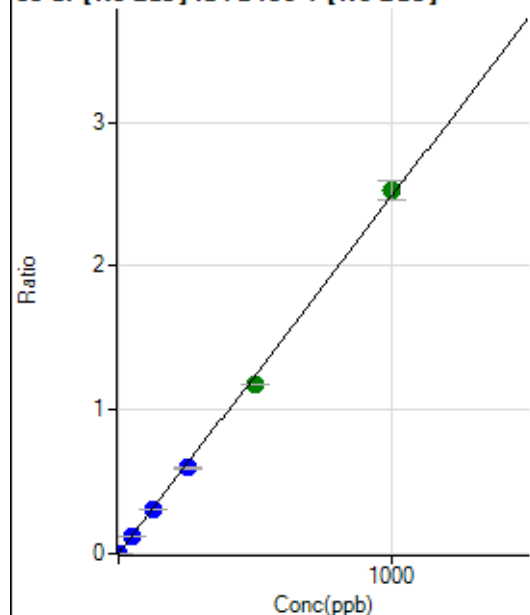
$$DL = 0.08684$$

$$BEC = 0.1444$$

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	36.11	0.0000	P	35.7
2	☐	0.100	0.098	1138.99	0.0003	P	14.1
3	☐	1.000	0.883	10209.53	0.0022	P	2.1
4	☐	50.000	47.954	556067.21	0.1191	P	0.3
5	☐	125.000	122.138	1368658.46	0.3034	P	0.4
6	☐	250.000	240.248	2537691.29	0.5968	P	0.9
7	☐	500.000	474.238	4987379.67	1.1781	A	0.5
8	☐	1000.000	1015.779	10155298.58	2.5234	A	5.4
9	☐			43856.74	0.0108	P	2.7

$$y = 0.0025 * x + 7.8833E-006$$

$$R = 0.9995$$

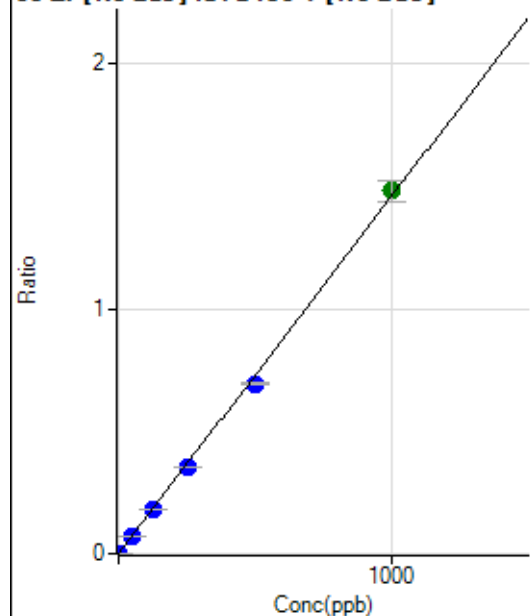
$$DL = 0.003402$$

$$BEC = 0.003173$$

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	311.13	0.0001	P	20.5
2	☐	0.100	0.080	836.18	0.0002	P	4.9
3	☐	1.000	0.838	5990.38	0.0013	P	2.3
4	☐	50.000	47.461	323642.04	0.0693	P	0.2
5	☐	125.000	121.731	801723.91	0.1777	P	0.3
6	☐	250.000	241.501	1498998.98	0.3525	P	0.9
7	☐	500.000	474.281	2930554.93	0.6923	P	1.0
8	☐	1000.000	1015.520	5964830.43	1.4822	A	5.6
9	☐			2678.14	0.0007	P	5.3

$$y = 0.0015 * x + 6.7828E-005$$

$$R = 0.9995$$

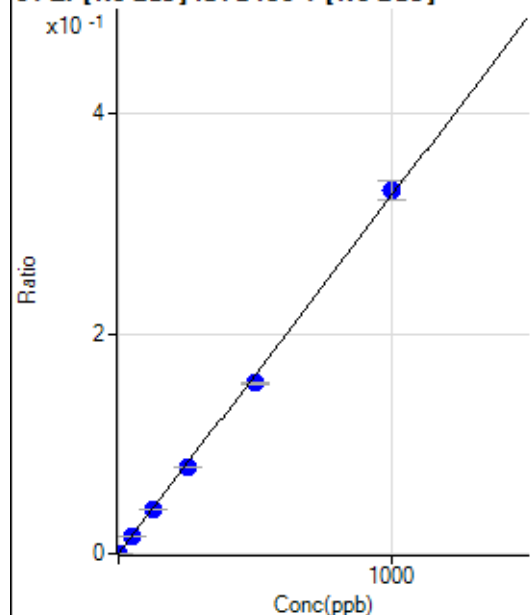
$$DL = 0.02864$$

$$BEC = 0.04647$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD: 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0000	P	11.3
2	☐	0.100	0.096	186.12	0.0000	P	14.6
3	☐	1.000	0.863	1347.35	0.0003	P	4.9
4	☐	50.000	47.784	72592.47	0.0156	P	0.6
5	☐	125.000	122.626	179964.00	0.0399	P	0.3
6	☐	250.000	242.789	335825.36	0.0790	P	1.1
7	☐	500.000	477.300	657243.06	0.1553	P	0.9
8	☐	1000.000	1013.560	1326891.73	0.3297	P	5.3
9	☐			597.26	0.0001	P	8.6

$$y = 3.2527\text{E-}004 * x + 9.6968\text{E-}006$$

$$R = 0.9996$$

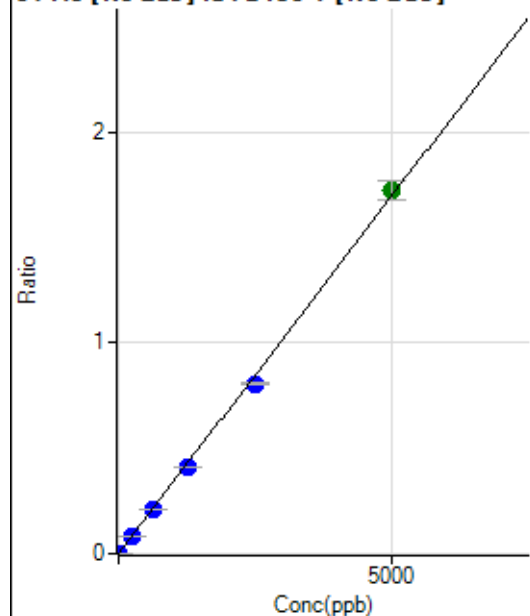
$$DL = 0.01013$$

$$BEC = 0.02981$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	8.8
2	☐	0.500	0.474	827.84	0.0002	P	12.5
3	☐	5.000	4.525	7229.90	0.0016	P	1.8
4	☐	250.000	240.427	380803.80	0.0816	P	0.8
5	☐	625.000	613.748	939294.52	0.2082	P	0.1
6	☐	1250.000	1210.157	1745698.89	0.4106	P	0.7
7	☐	2500.000	2370.594	3404352.77	0.8042	P	1.2
8	☐	5000.000	5076.549	6931533.84	1.7222	A	5.2
9	☐			5020.55	0.0012	P	5.4

$$y = 3.3925\text{E-}004 * x + 2.3018\text{E-}005$$

$$R = 0.9995$$

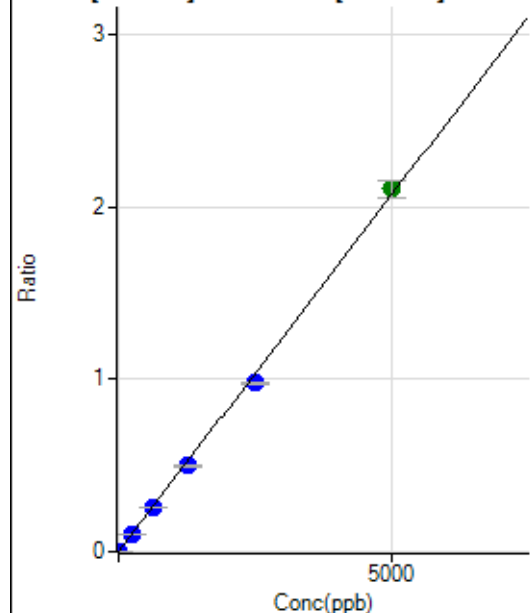
$$DL = 0.01793$$

$$BEC = 0.06785$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.56	0.0000	P	32.0
2	☐	0.500	0.438	847.28	0.0002	P	9.9
3	☐	5.000	4.769	9186.63	0.0020	P	2.0
4	☐	250.000	239.587	462708.32	0.0991	P	0.2
5	☐	625.000	609.627	1137768.11	0.2522	P	0.2
6	☐	1250.000	1203.085	2116479.09	0.4978	P	1.0
7	☐	2500.000	2358.393	4130656.08	0.9758	P	0.9
8	☐	5000.000	5084.975	8468206.09	2.1039	A	5.0
9	☐			6965.89	0.0017	P	4.4

$$y = 4.1374\text{E-}004 * x + 6.6709\text{E-}006$$

$$R = 0.9994$$

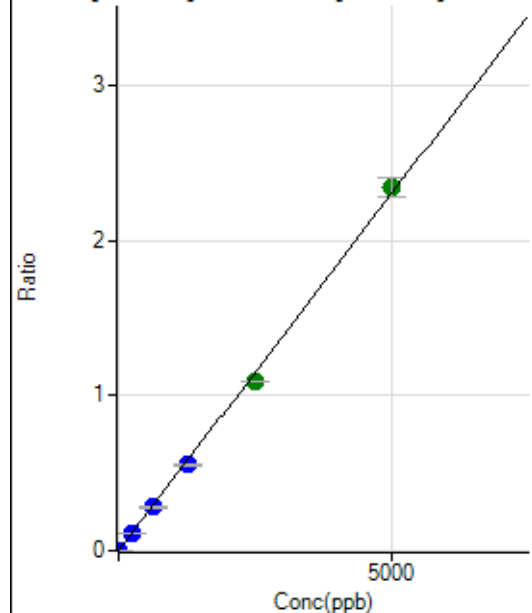
$$DL = 0.01549$$

$$BEC = 0.01612$$

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	66.67	0.0000	P	0.5
2	☐	0.500	0.476	1055.65	0.0002	P	8.6
3	☐	5.000	4.687	10090.05	0.0022	P	1.7
4	☐	250.000	237.027	509852.26	0.1092	P	0.5
5	☐	625.000	606.830	1261313.61	0.2796	P	0.9
6	☐	1250.000	1198.783	2348753.80	0.5524	P	0.8
7	☐	2500.000	2367.595	4618321.33	1.0910	A	0.7
8	☐	5000.000	5081.927	9424622.95	2.3417	A	5.2
9	☐			9484.09	0.0023	P	6.0

$$y = 4.6078\text{E-}004 * x + 1.4540\text{E-}005$$

$$R = 0.9995$$

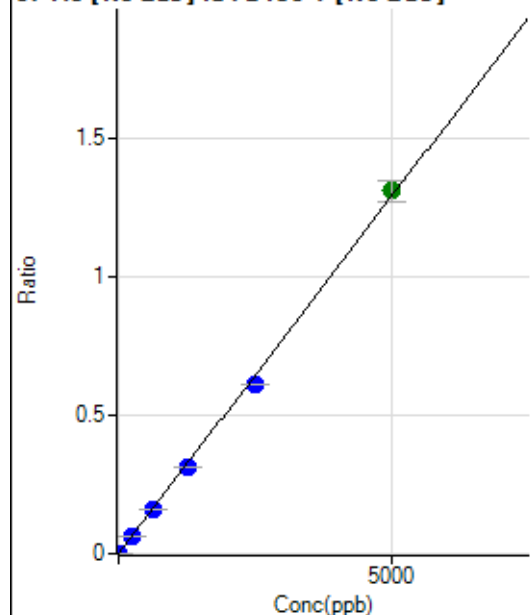
$$DL = 0.0004573$$

$$BEC = 0.03156$$

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	16.67	0.0000	P	49.9
2	☐	0.500	0.507	608.37	0.0001	P	6.6
3	☐	5.000	4.691	5637.46	0.0012	P	1.2
4	☐	250.000	240.219	289507.42	0.0620	P	0.2
5	☐	625.000	615.092	716374.10	0.1588	P	0.2
6	☐	1250.000	1214.388	1333190.58	0.3135	P	0.7
7	☐	2500.000	2363.715	2583577.53	0.6103	P	0.6
8	☐	5000.000	5078.774	5277001.90	1.3113	A	5.6
9	☐			4378.64	0.0011	P	5.8

$$y = 2.5819E-004 * x + 3.6358E-006$$

$$R = 0.9995$$

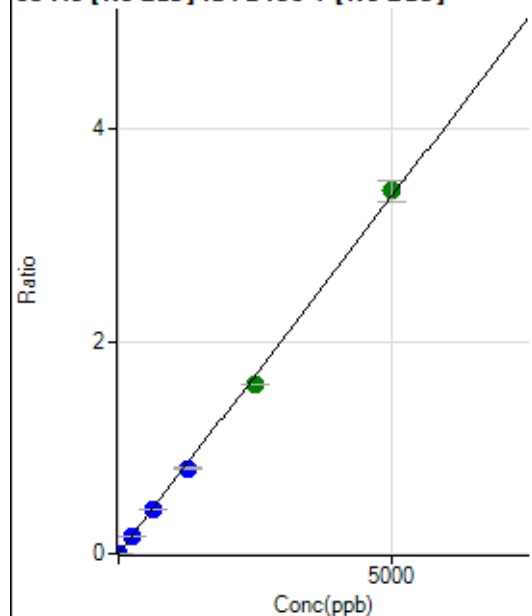
$$DL = 0.02109$$

$$BEC = 0.01408$$

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	58.33	0.0000	P	51.2
2	☐	0.500	0.515	1614.04	0.0004	P	17.8
3	☐	5.000	4.680	14663.64	0.0032	P	1.8
4	☐	250.000	238.339	748182.82	0.1603	P	0.5
5	☐	625.000	608.877	1847007.44	0.4095	P	0.9
6	☐	1250.000	1196.658	3421777.77	0.8048	P	0.7
7	☐	2500.000	2370.995	6749944.42	1.5945	A	0.6
8	☐	5000.000	5080.437	13748868.89	3.4166	A	5.6
9	☐			11088.05	0.0027	P	4.8

$$y = 6.7249E-004 * x + 1.2714E-005$$

$$R = 0.9995$$

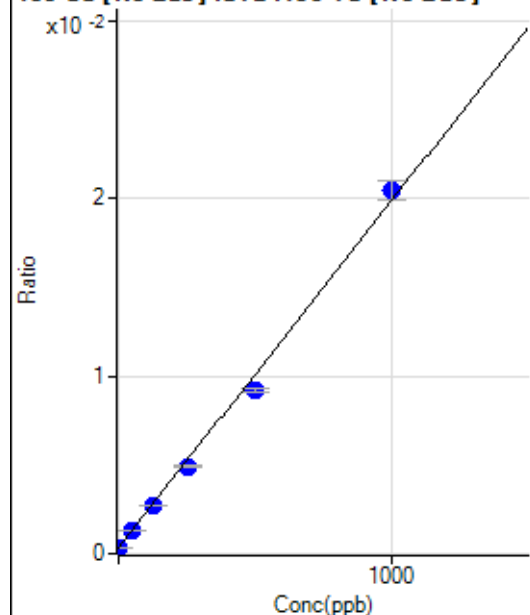
$$DL = 0.02905$$

$$BEC = 0.01891$$

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	2066.90	0.0003	P	7.2
2	☐	0.100	-0.335	1975.21	0.0003	P	6.4
3	☐	1.000	-0.129	2041.90	0.0003	P	0.6
4	☐	50.000	47.056	7669.09	0.0013	P	2.0
5	☐	125.000	119.906	16081.96	0.0027	P	1.0
6	☐	250.000	232.999	28688.18	0.0049	P	1.9
7	☐	500.000	453.243	54842.90	0.0092	P	1.9
8	☐	1000.000	1028.414	116585.13	0.0204	P	5.1
9	☐			1830.77	0.0003	P	6.1

$$y = 1.9518\text{E-}005 * x + 3.4440\text{E-}004$$

$$R = 0.9984$$

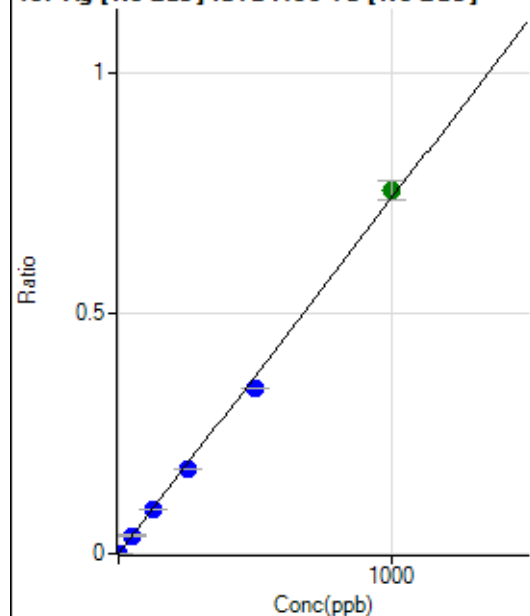
$$DL = 3.826$$

$$BEC = 17.64$$

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	61.12	0.0000	P	8.4
2	☐	0.100	0.103	508.36	0.0001	P	10.7
3	☐	1.000	0.991	4445.30	0.0007	P	2.1
4	☐	50.000	51.251	230536.11	0.0380	P	1.1
5	☐	125.000	126.522	561263.62	0.0937	P	0.8
6	☐	250.000	238.691	1036579.73	0.1768	P	0.5
7	☐	500.000	463.387	2047772.72	0.3431	P	0.3
8	☐	1000.000	1020.881	4316241.98	0.7560	A	5.4
9	☐			838.95	0.0001	P	20.8

$$y = 7.4048\text{E-}004 * x + 1.0185\text{E-}005$$

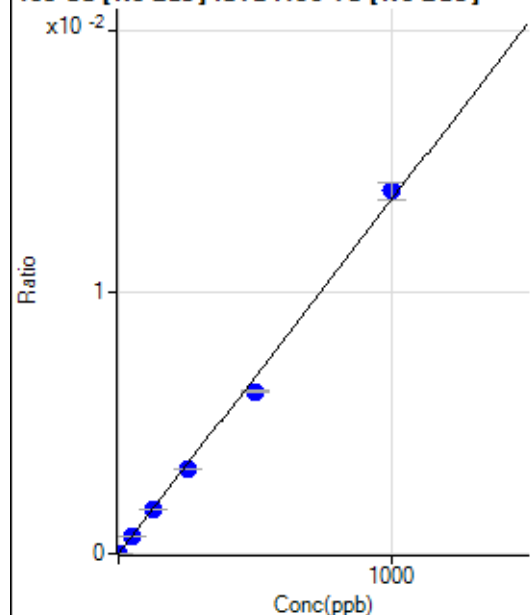
$$R = 0.9990$$

$$DL = 0.003457$$

$$BEC = 0.01376$$

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	4.17	0.0000	P	100.0
2	☐	0.100	0.261	25.00	0.0000	P	69.0
3	☐	1.000	1.032	87.50	0.0000	P	9.1
4	☐	50.000	47.476	3903.39	0.0006	P	3.2
5	☐	125.000	124.511	10091.25	0.0017	P	1.5
6	☐	250.000	237.299	18825.26	0.0032	P	0.8
7	☐	500.000	456.671	36860.54	0.0062	P	1.3
8	☐	1000.000	1025.027	79172.41	0.0139	P	4.8
9	☐			23.61	0.0000	P	52.8

$$y = 1.3524\text{E-}005 * x + 6.9235\text{E-}007$$

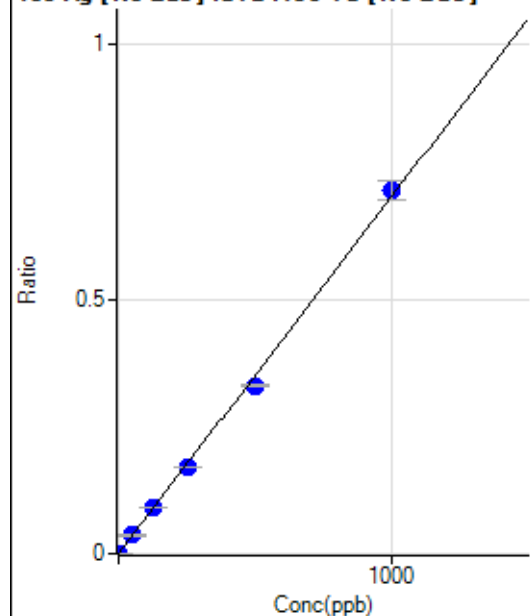
$$R = 0.9986$$

$$DL = 0.1536$$

$$BEC = 0.05119$$

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	38.89	0.0000	P	32.4
2	☐	0.100	0.102	452.81	0.0001	P	18.5
3	☐	1.000	1.017	4298.08	0.0007	P	1.8
4	☐	50.000	51.243	218242.35	0.0359	P	0.7
5	☐	125.000	128.054	537901.43	0.0898	P	0.6
6	☐	250.000	241.883	994660.08	0.1696	P	0.8
7	☐	500.000	470.119	1967112.72	0.3296	P	0.7
8	☐	1000.000	1016.526	4069747.70	0.7128	P	5.3
9	☐			858.40	0.0002	P	6.5

$$y = 7.0118\text{E-}004 * x + 6.4732\text{E-}006$$

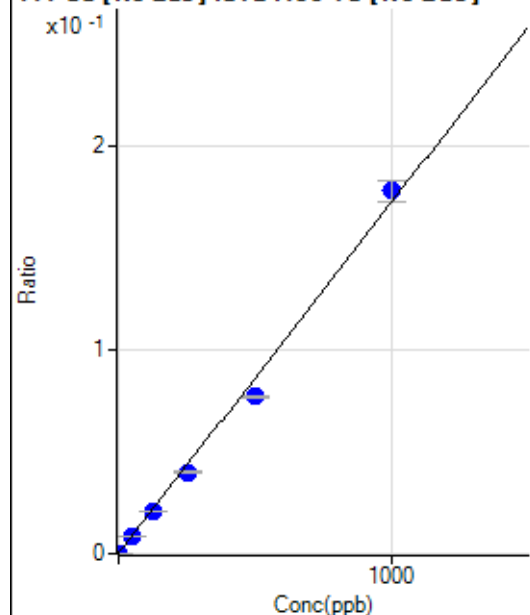
$$R = 0.9993$$

$$DL = 0.008971$$

$$BEC = 0.009232$$

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	1446.70	0.0002	P	7.6
2	☐	0.100	0.052	1462.37	0.0003	P	5.4
3	☐	1.000	0.867	2332.02	0.0004	P	1.7
4	☐	50.000	48.269	51952.45	0.0086	P	0.5
5	☐	125.000	120.937	126222.01	0.0211	P	0.7
6	☐	250.000	231.173	234913.65	0.0401	P	0.8
7	☐	500.000	445.305	459115.33	0.0769	P	0.9
8	☐	1000.000	1032.649	1016628.83	0.1781	P	6.1
9	☐			1528.91	0.0003	P	3.5

$$y = 1.7224\text{E-}004 * x + 2.4106\text{E-}004$$

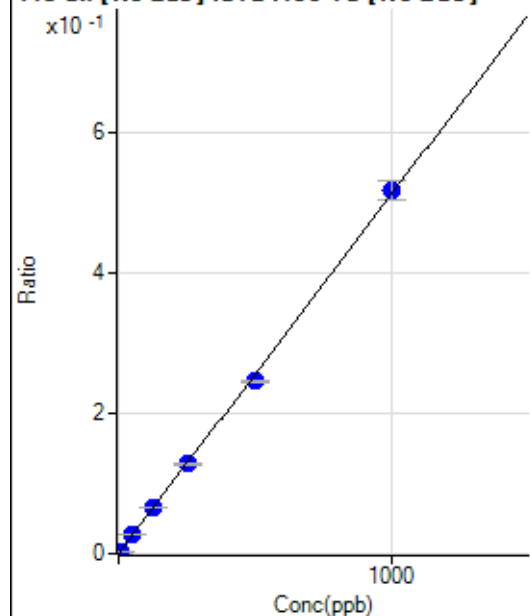
$$R = 0.9978$$

$$DL = 0.3173$$

$$BEC = 1.4$$

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	425.03	0.0001	P	3.6
2	☐	0.500	0.522	1972.45	0.0003	P	9.9
3	☐	5.000	5.013	15756.62	0.0026	P	2.0
4	☐	50.000	51.646	161047.85	0.0265	P	0.7
5	☐	125.000	129.617	398040.01	0.0664	P	0.1
6	☐	250.000	250.213	751833.48	0.1282	P	1.2
7	☐	500.000	479.779	1466552.47	0.2458	P	0.9
8	☐	1000.000	1009.398	2951701.15	0.5170	P	5.4
9	☐			2703.16	0.0005	P	10.2

$$y = 5.1210\text{E-}004 * x + 7.0819\text{E-}005$$

$$R = 0.9997$$

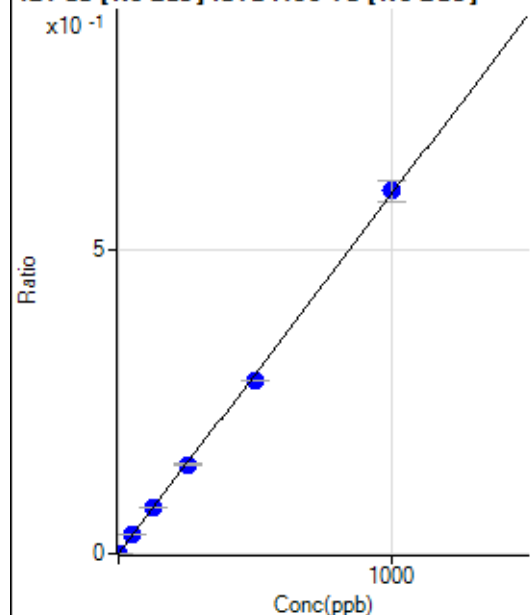
$$DL = 0.01508$$

$$BEC = 0.1383$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD : 159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	32.4
2	☐	0.200	0.197	716.71	0.0001	P	8.7
3	☐	2.000	1.851	6574.03	0.0011	P	3.1
4	☐	50.000	51.110	183540.17	0.0302	P	0.9
5	☐	125.000	128.350	454572.45	0.0759	P	0.3
6	☐	250.000	247.666	858685.45	0.1464	P	0.9
7	☐	500.000	481.240	1697770.22	0.2845	P	0.8
8	☐	1000.000	1009.490	3407258.28	0.5968	P	5.6
9	☐			5195.64	0.0009	P	3.2

$$y = 5.9119\text{E-}004 * x + 6.4729\text{E-}006$$

$$R = 0.9997$$

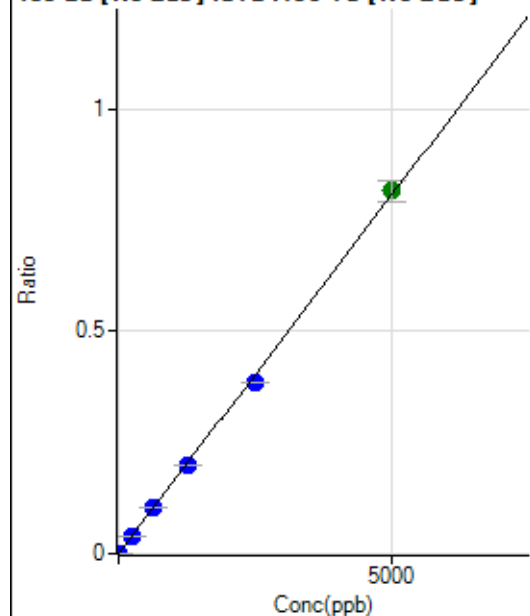
$$DL = 0.01063$$

$$BEC = 0.01095$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.7
2	☐	1.000	1.008	966.74	0.0002	P	3.2
3	☐	10.000	9.683	9334.08	0.0016	P	2.1
4	☐	250.000	253.536	248068.82	0.0408	P	0.8
5	☐	625.000	634.629	612462.30	0.1022	P	0.1
6	☐	1250.000	1231.840	1163809.81	0.1985	P	1.0
7	☐	2500.000	2386.353	2294192.48	0.3845	P	0.7
8	☐	5000.000	5059.984	4653235.17	0.8152	A	6.1
9	☐			1594.60	0.0003	P	8.3

$$y = 1.6110\text{E-}004 * x + 2.7728\text{E-}006$$

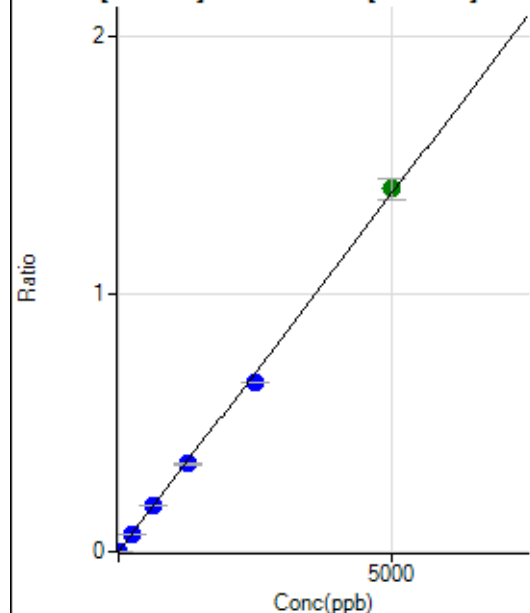
$$R = 0.9996$$

$$DL = 0.02567$$

$$BEC = 0.01721$$

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	8.33	0.0000	P	100.3
2	☐	1.000	1.027	1675.17	0.0003	P	7.9
3	☐	10.000	9.626	15970.88	0.0027	P	2.4
4	☐	250.000	252.892	426430.91	0.0702	P	0.6
5	☐	625.000	638.691	1062259.42	0.1773	P	0.9
6	☐	1250.000	1227.161	1998127.45	0.3407	P	1.0
7	☐	2500.000	2368.015	3923443.45	0.6575	P	0.8
8	☐	5000.000	5069.847	8036381.35	1.4077	A	5.7
9	☐			3103.28	0.0005	P	10.0

$$y = 2.7765E-004 * x + 1.3922E-006$$

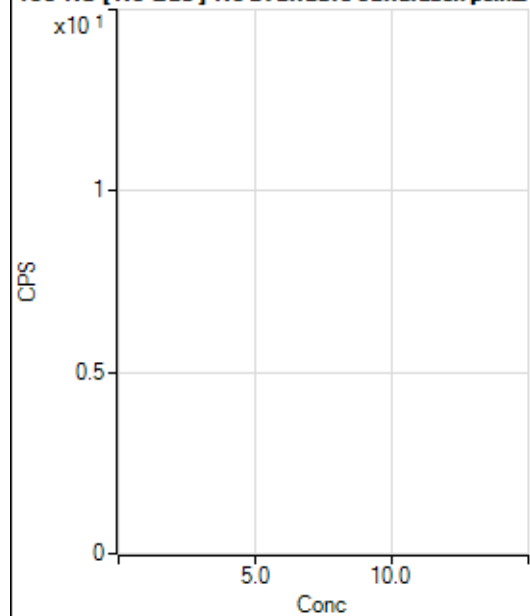
$$R = 0.9995$$

$$DL = 0.01509$$

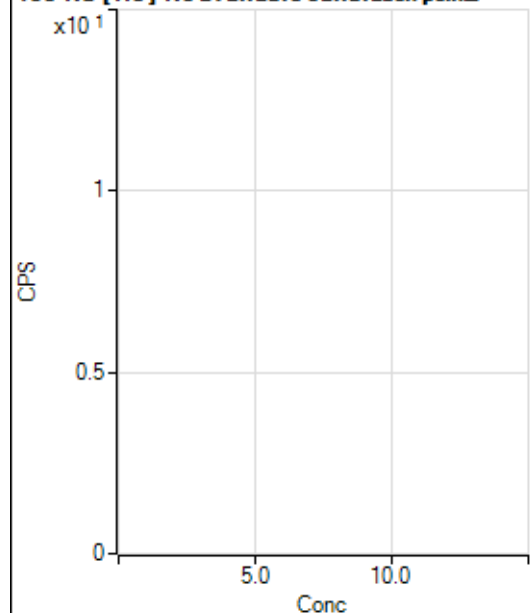
$$BEC = 0.005014$$

Weight: <None>

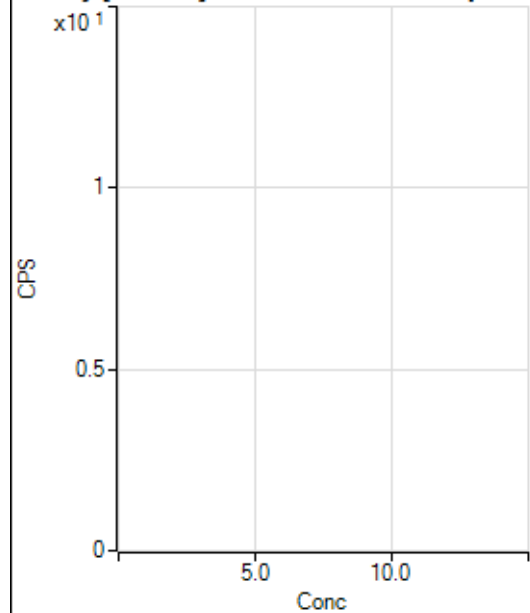
Min Conc: 0

150 Nd [No Gas] No available calibration points

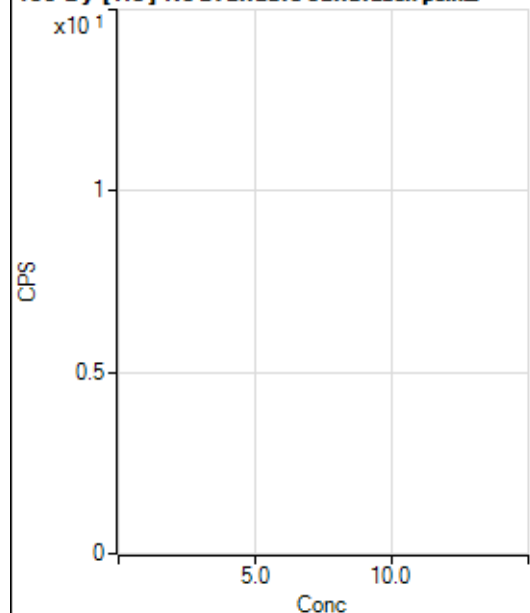
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			0.00		P	
4	☐			31.11		P	32.7
5	☐			57.78		P	6.7
6	☐			131.11		P	10.6
7	☐			251.12		P	5.5
8	☐			431.14		P	15.0
9	☐			75.56		P	27.0

150 Nd [He] No available calibration points

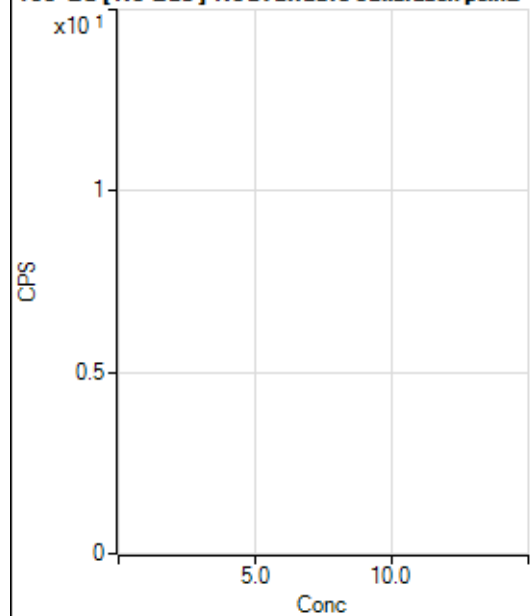
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			6.67		P	132.3
4	☐			0.00		P	
5	☐			8.89		P	21.6
6	☐			17.78		P	10.8
7	☐			22.22		P	60.6
8	☐			46.67		P	37.1
9	☐			45.55		P	8.5

156 Dy [No Gas] No available calibration points

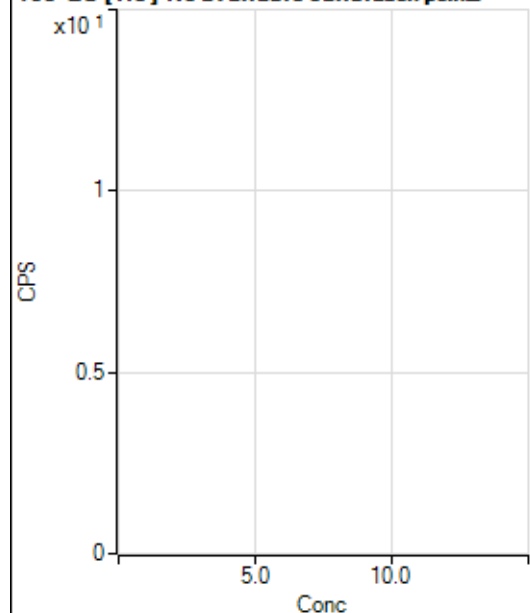
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐			0.00		P	
3	☐			2.78		P	173.2
4	☐			22.22		P	21.6
5	☐			16.67		P	NaN
6	☐			27.78		P	17.3
7	☐			38.89		P	44.6
8	☐			80.56		P	21.5
9	☐			36.12		P	58.1

156 Dy [He] No available calibration points

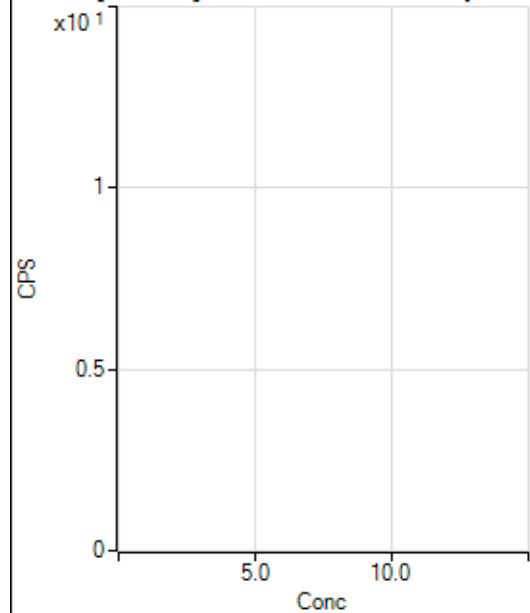
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.2
3	☐			2.22		P	86.6
4	☐			7.78		P	65.5
5	☐			20.00		P	60.1
6	☐			31.11		P	12.4
7	☐			63.33		P	27.9
8	☐			112.23		P	28.2
9	☐			27.78		P	36.7

160 Gd [No Gas] Noavailable calibration poin_

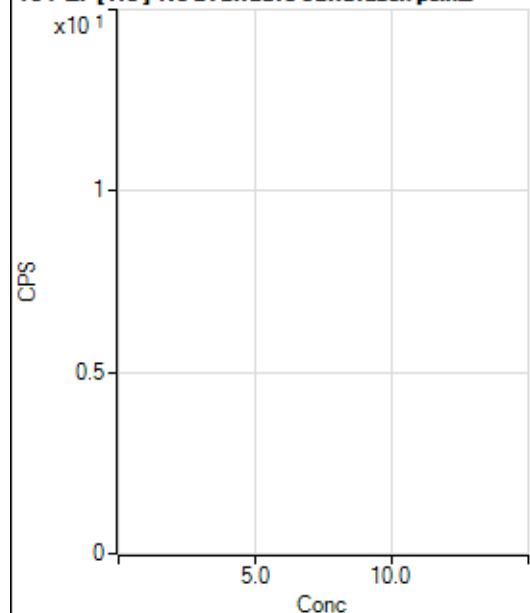
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			22.22		P	57.3
3	☐			19.44		P	89.2
4	☐			27.78		P	17.3
5	☐			19.45		P	65.5
6	☐			25.00		P	88.2
7	☐			41.67		P	20.0
8	☐			44.44		P	21.7
9	☐			38.89		P	49.5

160 Gd [He] No available calibration points

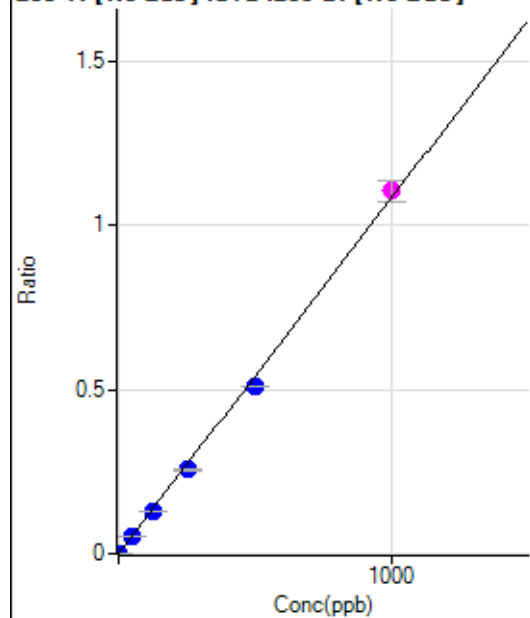
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	1.8
2	☐			121.11		P	11.5
3	☐			122.22		P	12.9
4	☐			112.22		P	6.2
5	☐			133.34		P	8.7
6	☐			110.00		P	3.0
7	☐			143.34		P	11.6
8	☐			102.23		P	8.2
9	☐			118.89		P	3.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			22.22		P	78.1
3	☐			25.00		P	88.2
4	☐			16.67		P	50.0
5	☐			22.22		P	78.1
6	☐			13.89		P	34.7
7	☐			16.66		P	86.6
8	☐			25.00		P	57.7
9	☐			38.89		P	44.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			10.00		P	57.8
2	☐			7.78		P	89.2
3	☐			16.67		P	80.0
4	☐			13.33		P	43.3
5	☐			13.33		P	43.3
6	☐			13.33		P	25.0
7	☐			7.78		P	99.0
8	☐			11.11		P	69.3
9	☐			23.33		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	0.7
2	☐	0.100	0.101	491.70	0.0001	P	3.8
3	☐	1.000	0.889	3981.34	0.0010	P	9.1
4	☐	50.000	47.067	210107.17	0.0510	P	1.2
5	☐	125.000	119.368	528542.71	0.1294	P	0.3
6	☐	250.000	235.777	1030226.90	0.2555	P	0.6
7	☐	500.000	469.116	2048545.73	0.5083	P	0.4
8	☐	1000.000	1019.849	4160612.46	1.1051	M	5.7
9	☐			1808.54	0.0005	P	10.8

$$y = 0.0011 * x + 1.4213E-005$$

$$R = 0.9992$$

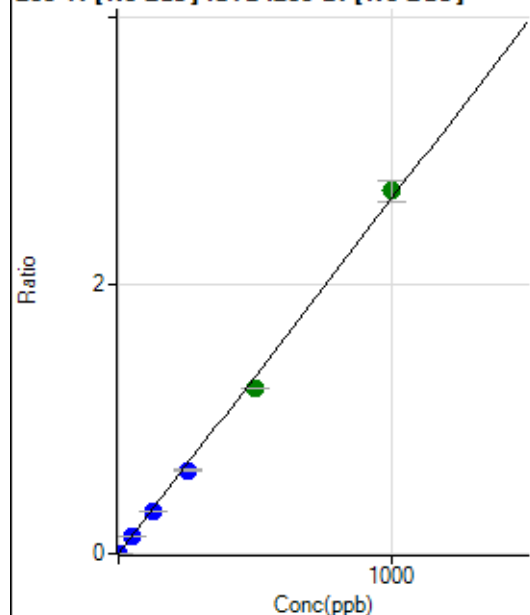
$$DL = 0.0002843$$

$$BEC = 0.01312$$

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	225.01	0.0001	P	22.3
2	☐	0.100	0.083	1088.98	0.0003	P	9.4
3	☐	1.000	0.861	9498.28	0.0023	P	4.3
4	☐	50.000	46.909	511167.30	0.1241	P	1.0
5	☐	125.000	119.397	1290349.74	0.3158	P	0.7
6	☐	250.000	235.315	2509552.88	0.6224	P	0.6
7	☐	500.000	464.820	4953977.37	1.2293	A	0.2
8	☐	1000.000	1022.116	10177065.25	2.7031	A	5.7
9	☐			4434.29	0.0013	P	11.4

$$y = 0.0026 * x + 5.4817E-005$$

$$R = 0.9990$$

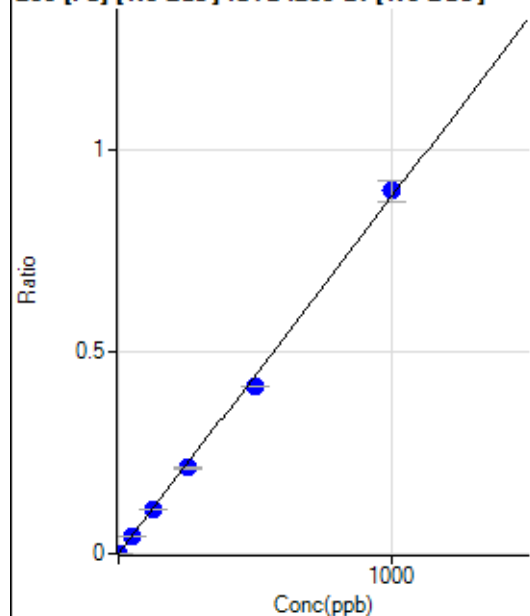
$$DL = 0.01387$$

$$BEC = 0.02073$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	446.32	0.0001	P	16.9
2	☐	0.100	0.077	703.75	0.0002	P	6.0
3	☐	1.000	0.882	3619.11	0.0009	P	4.6
4	☐	50.000	47.910	175009.86	0.0425	P	0.3
5	☐	125.000	121.803	440708.08	0.1079	P	0.3
6	☐	250.000	240.201	857289.05	0.2126	P	0.5
7	☐	500.000	471.441	1681143.95	0.4172	P	0.0
8	☐	1000.000	1017.233	3388616.57	0.9000	P	5.6
9	☐			6083.06	0.0018	P	7.1

$$y = 8.8465E-004 * x + 1.0872E-004$$

$$R = 0.9994$$

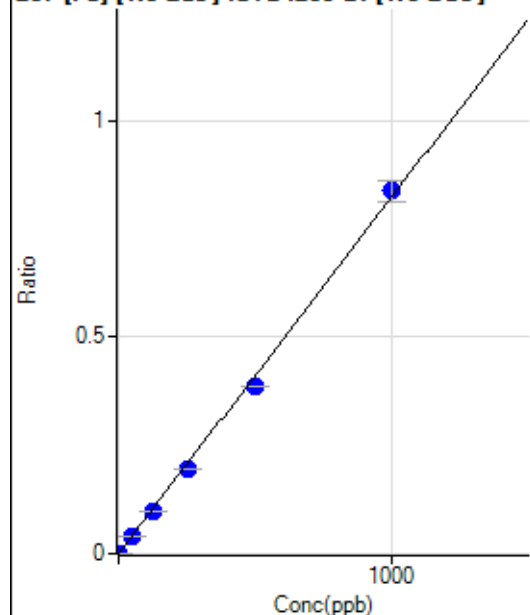
$$DL = 0.0623$$

$$BEC = 0.1229$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	351.87	0.0001	P	5.8
2	☐	0.100	0.074	587.07	0.0001	P	7.5
3	☐	1.000	0.818	3089.34	0.0008	P	5.6
4	☐	50.000	47.382	160854.67	0.0391	P	0.8
5	☐	125.000	120.067	403818.53	0.0988	P	0.8
6	☐	250.000	238.180	790259.92	0.1960	P	0.4
7	☐	500.000	471.114	1561809.12	0.3876	P	0.2
8	☐	1000.000	1018.146	3152853.43	0.8375	P	5.9
9	☐			5110.39	0.0015	P	5.5

$$y = 8.2245E-004 * x + 8.5703E-005$$

$$R = 0.9993$$

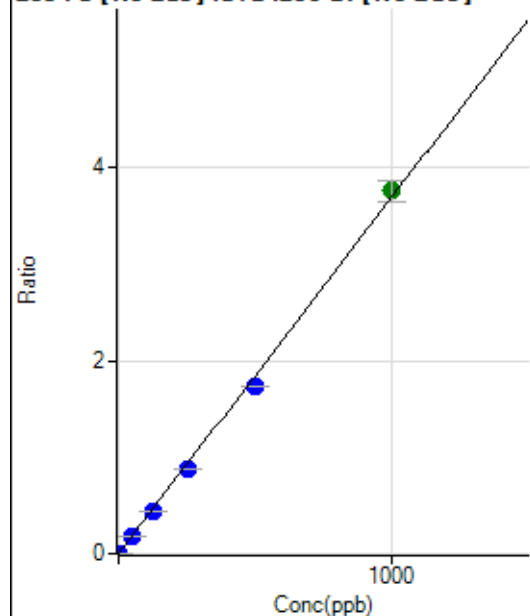
$$DL = 0.01825$$

$$BEC = 0.1042$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1751.95	0.0004	P	7.4
2	☐	0.100	0.072	2748.35	0.0007	P	3.1
3	☐	1.000	0.848	14468.31	0.0036	P	0.4
4	☐	50.000	47.415	721394.14	0.1752	P	0.6
5	☐	125.000	120.695	1819026.34	0.4452	P	0.4
6	☐	250.000	238.600	3547196.23	0.8797	P	0.5
7	☐	500.000	469.409	6972567.79	1.7302	P	0.3
8	☐	1000.000	1018.813	14137674.33	3.7548	A	5.6
9	☐			23936.92	0.0069	P	5.1

$$y = 0.0037 * x + 4.2676E-004$$

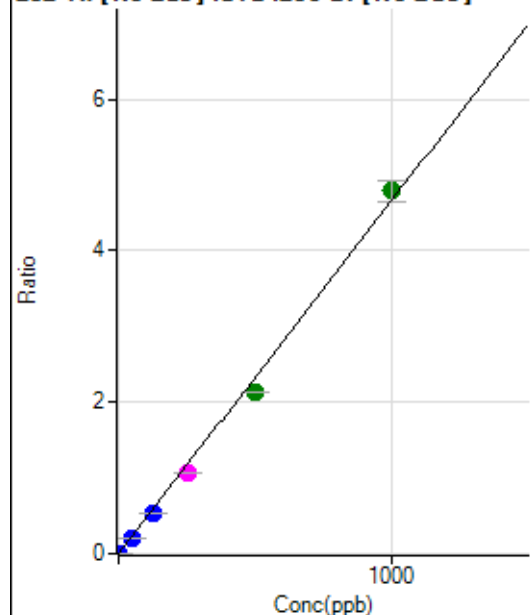
$$R = 0.9993$$

$$DL = 0.02573$$

$$BEC = 0.1158$$

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	201.86	0.0000	P	23.9
2	☐	0.100	0.077	1622.37	0.0004	P	11.6
3	☐	1.000	0.800	15374.24	0.0038	P	0.7
4	☐	50.000	44.325	851026.19	0.2066	P	0.3
5	☐	125.000	114.655	2183472.34	0.5344	P	0.8
6	☐	250.000	228.136	4287572.55	1.0633	M	0.4
7	☐	500.000	458.629	8613726.29	2.1375	A	0.6
8	☐	1000.000	1027.729	18031067.99	4.7899	A	6.1
9	☐			5225.28	0.0015	P	11.0

$$y = 0.0047 * x + 4.9224E-005$$

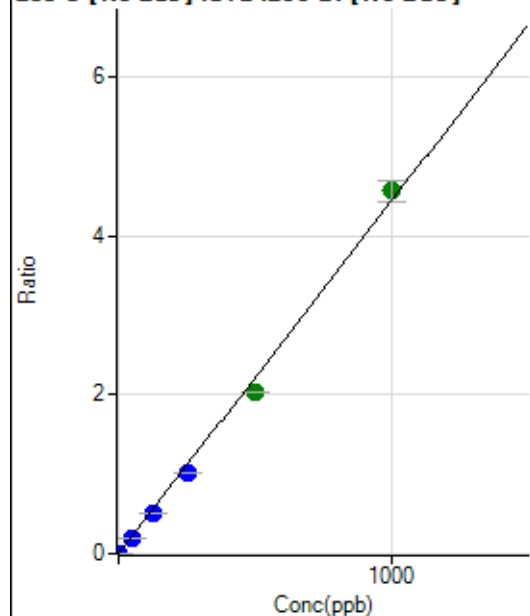
$$R = 0.9986$$

$$DL = 0.007588$$

$$BEC = 0.01056$$

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	40.5
2	☐	0.100	0.088	1589.05	0.0004	P	9.3
3	☐	1.000	0.845	15301.31	0.0038	P	1.0
4	☐	50.000	44.152	806623.43	0.1958	P	0.3
5	☐	125.000	114.526	2075619.97	0.5080	P	0.8
6	☐	250.000	227.500	4069084.16	1.0091	P	0.7
7	☐	500.000	457.108	8170532.13	2.0275	A	0.5
8	☐	1000.000	1028.673	17177146.74	4.5627	A	5.9
9	☐			4050.81	0.0012	P	16.1

$$y = 0.0044 * x + 1.0169E-005$$

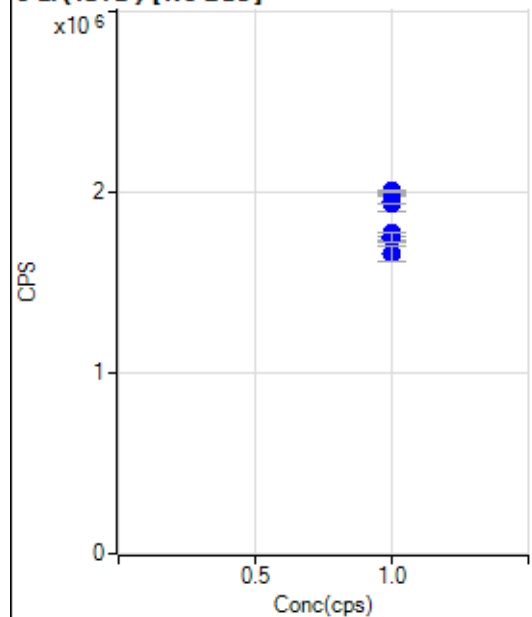
$$R = 0.9985$$

$$DL = 0.002783$$

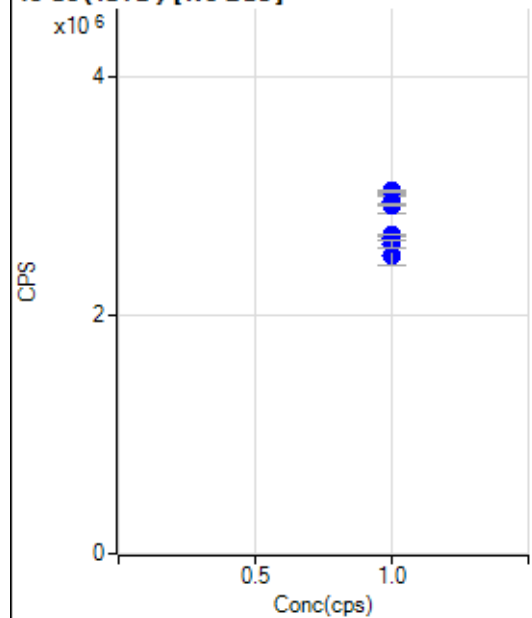
$$BEC = 0.002293$$

Weight: <None>

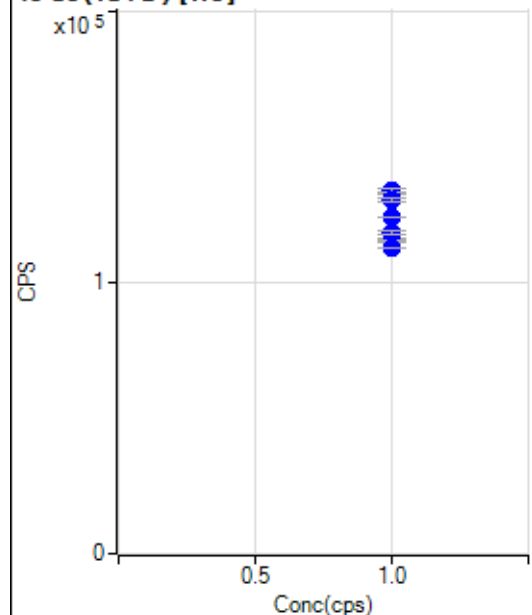
Min Conc: 0

6 Li (ISTD) [No Gas]

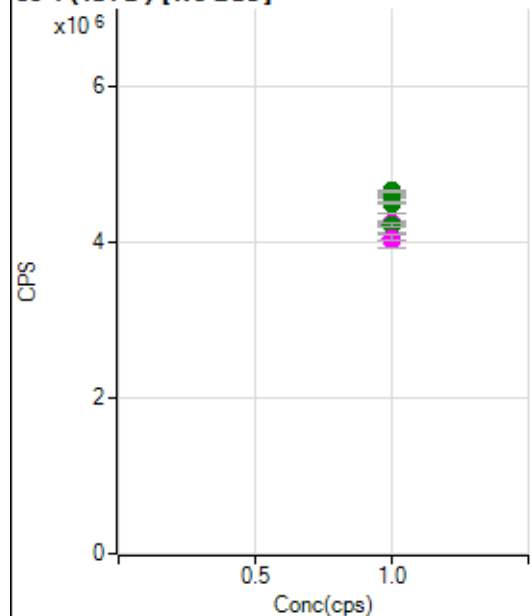
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1987160.21		P	0.4
2	☐	1.000		1951057.38		P	6.2
3	☐	1.000		2002444.98		P	0.5
4	☐	1.000		2008902.65		P	0.3
5	☐	1.000		1935363.18		P	0.1
6	☐	1.000		1776259.91		P	0.1
7	☐	1.000		1746607.44		P	1.3
8	☐	1.000		1663166.28		P	5.0
9	☐	1.000		1751785.56		P	2.7

45 Sc (ISTD) [No Gas]

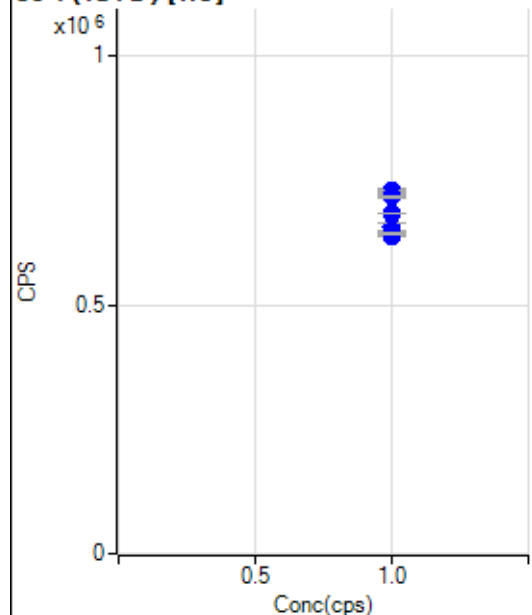
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3008788.43		P	0.6
2	☐	1.000		2943339.47		P	6.7
3	☐	1.000		3038773.33		P	0.7
4	☐	1.000		3036230.84		P	0.5
5	☐	1.000		2917768.79		P	0.5
6	☐	1.000		2671161.08		P	0.5
7	☐	1.000		2644051.45		P	1.9
8	☐	1.000		2493146.91		P	5.7
9	☐	1.000		2587051.53		P	2.6

45 Sc (ISTD) [He]

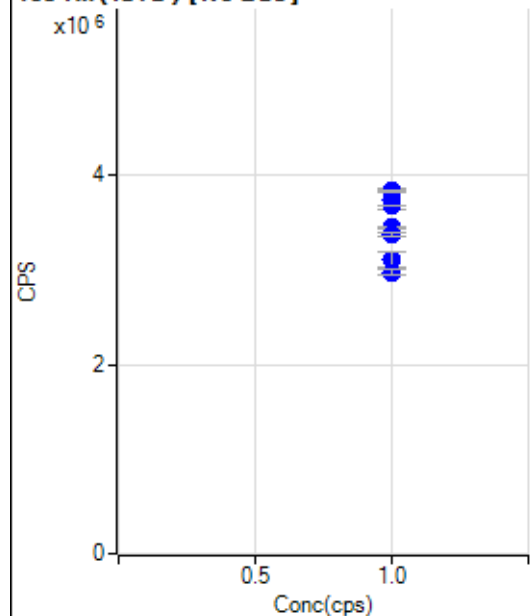
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		131166.13		P	0.2
2	☐	1.000		133313.28		P	1.6
3	☐	1.000		133629.16		P	1.1
4	☐	1.000		130239.28		P	0.7
5	☐	1.000		123780.31		P	0.2
6	☐	1.000		117306.83		P	2.4
7	☐	1.000		115114.12		P	1.0
8	☐	1.000		112605.87		P	0.3
9	☐	1.000		118069.81		P	1.4

89 Y (ISTD) [No Gas]

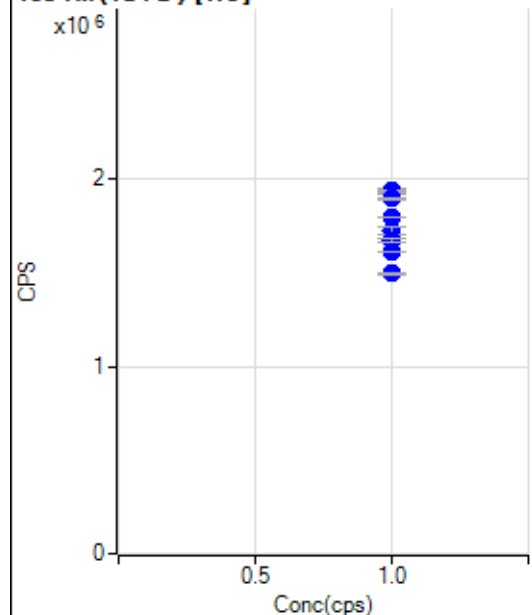
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4585270.90		A	0.5
2	☐	1.000		4530814.90		A	6.7
3	☐	1.000		4640372.74		A	0.3
4	☐	1.000		4667520.17		A	0.4
5	☐	1.000		4510766.32		A	0.5
6	☐	1.000		4252082.12		M	0.7
7	☐	1.000		4233547.09		A	1.6
8	☐	1.000		4032127.96		M	5.3
9	☐	1.000		4059788.24		M	1.9

89 Y (ISTD) [He]

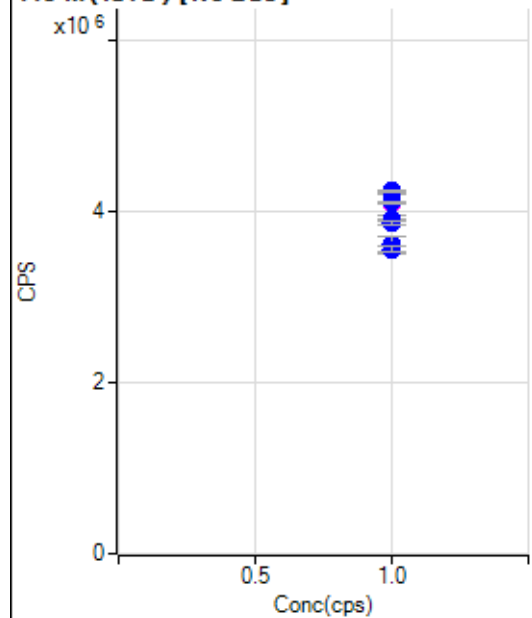
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		720244.54		P	0.3
2	☐	1.000		727978.30		P	1.7
3	☐	1.000		729528.79		P	0.3
4	☐	1.000		717818.44		P	0.3
5	☐	1.000		683241.04		P	0.1
6	☐	1.000		658545.22		P	2.5
7	☐	1.000		648431.79		P	0.8
8	☐	1.000		637257.78		P	0.2
9	☐	1.000		643662.91		P	0.9

103 Rh (ISTD) [No Gas]

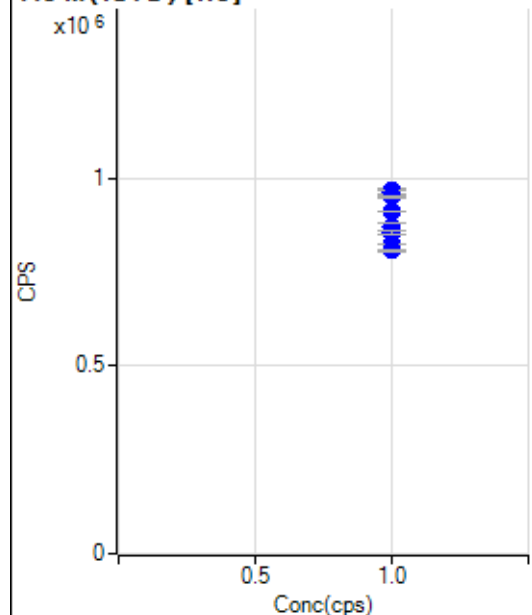
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3840227.04		P	0.5
2	☐	1.000		3755345.70		P	6.3
3	☐	1.000		3838747.70		P	1.0
4	☐	1.000		3834799.09		P	0.9
5	☐	1.000		3686375.00		P	0.3
6	☐	1.000		3453337.49		P	0.6
7	☐	1.000		3372954.72		P	1.2
8	☐	1.000		3115747.53		P	5.6
9	☐	1.000		2974728.95		P	2.1

103 Rh (ISTD) [He]

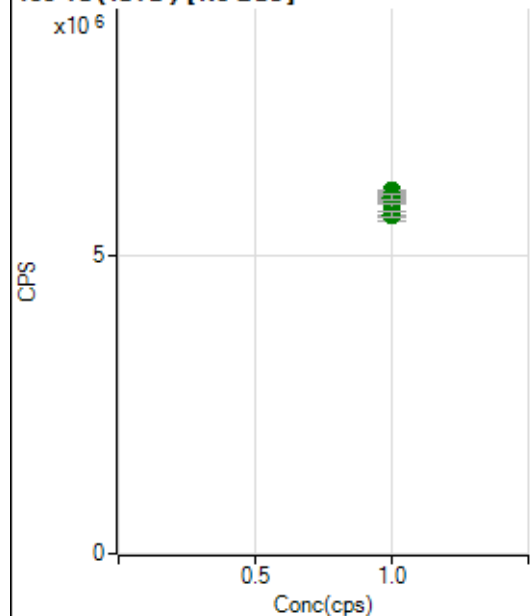
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1919919.37		P	0.2
2	☐	1.000		1932105.06		P	1.5
3	☐	1.000		1935687.39		P	0.6
4	☐	1.000		1893565.28		P	0.4
5	☐	1.000		1795478.90		P	0.3
6	☐	1.000		1720647.23		P	2.3
7	☐	1.000		1674976.34		P	1.0
8	☐	1.000		1609372.16		P	0.1
9	☐	1.000		1495263.10		P	0.7

115 In (ISTD) [No Gas]

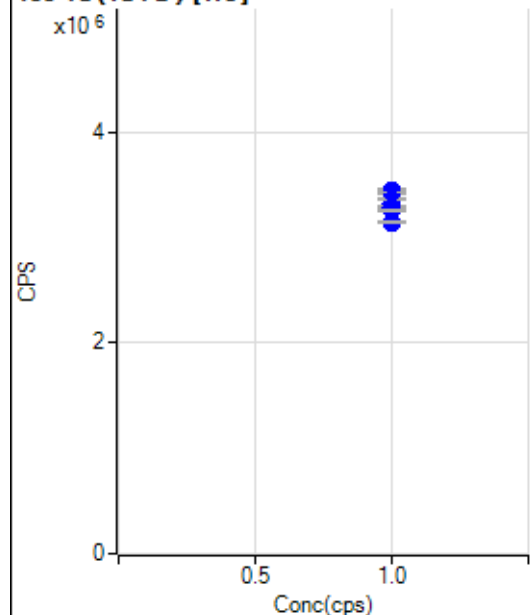
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4215672.26		P	0.2
2	☐	1.000		4079826.04		M	6.3
3	☐	1.000		4205199.07		P	0.6
4	☐	1.000		4234194.38		P	0.3
5	☐	1.000		4098886.65		P	0.4
6	☐	1.000		3898987.95		P	0.6
7	☐	1.000		3866530.88		P	1.3
8	☐	1.000		3604553.53		P	5.6
9	☐	1.000		3550058.43		P	1.8

115 In (ISTD) [He]

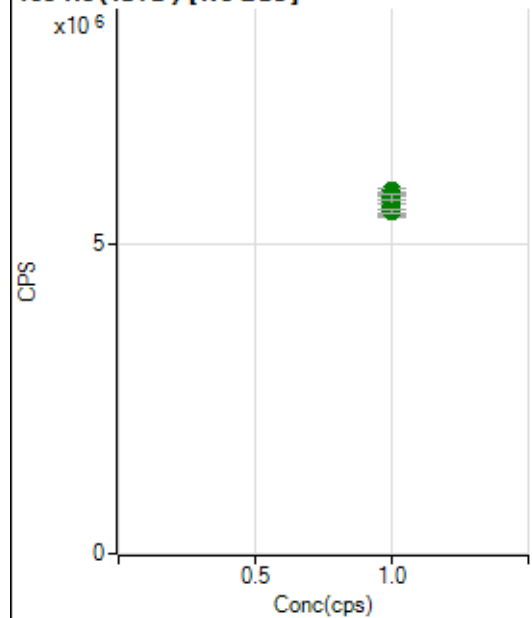
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		954099.57		P	0.2
2	☐	1.000		964046.22		P	1.6
3	☐	1.000		965625.37		P	0.1
4	☐	1.000		949455.62		P	0.2
5	☐	1.000		908944.77		P	0.1
6	☐	1.000		869956.56		P	2.3
7	☐	1.000		854560.23		P	0.7
8	☐	1.000		823183.00		P	0.3
9	☐	1.000		807072.70		P	0.6

159 Tb (ISTD) [No Gas]

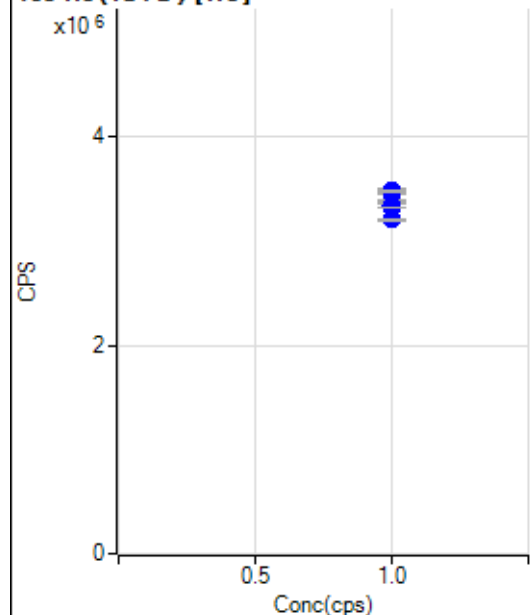
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6002006.02		A	0.5
2	☐	1.000		5859843.46		A	6.5
3	☐	1.000		5972673.80		A	0.4
4	☐	1.000		6072941.30		A	0.2
5	☐	1.000		5990265.60		A	0.4
6	☐	1.000		5864567.48		A	0.6
7	☐	1.000		5967766.09		A	1.4
8	☐	1.000		5720583.84		A	5.4
9	☐	1.000		5675898.25		A	1.6

159 Tb (ISTD) [He]

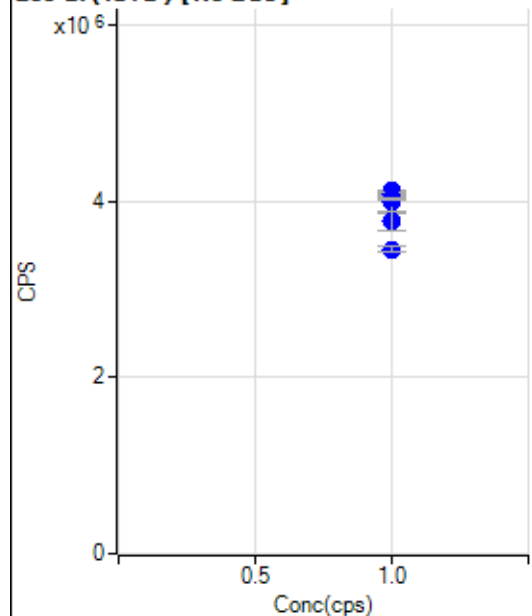
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3434527.14		P	0.6
2	☐	1.000		3444102.21		P	1.6
3	☐	1.000		3442962.03		P	0.8
4	☐	1.000		3436078.56		P	0.2
5	☐	1.000		3364848.53		P	0.4
6	☐	1.000		3316587.90		P	2.2
7	☐	1.000		3281733.94		P	1.2
8	☐	1.000		3258862.48		P	0.2
9	☐	1.000		3145365.79		P	0.6

165 Ho (ISTD) [No Gas]

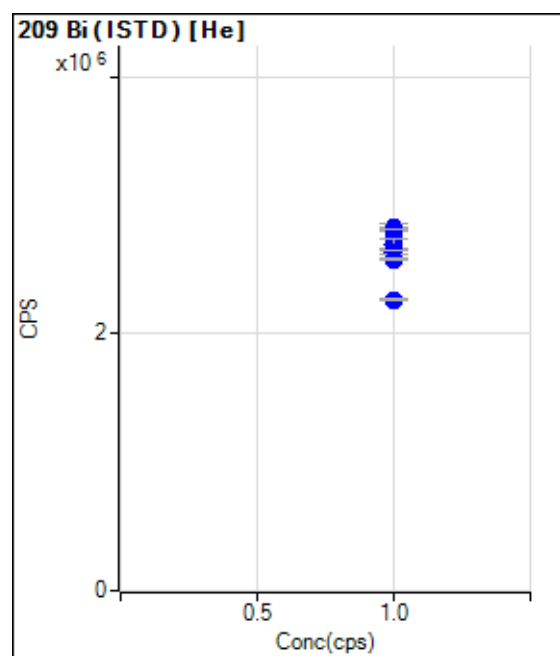
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5805615.93		A	0.7
2	☐	1.000		5630372.09		A	6.2
3	☐	1.000		5736390.67		A	0.7
4	☐	1.000		5853134.38		A	0.9
5	☐	1.000		5796061.24		A	0.6
6	☐	1.000		5677524.91		A	0.7
7	☐	1.000		5755971.79		A	1.5
8	☐	1.000		5570430.64		A	4.8
9	☐	1.000		5524932.59		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3463696.27		P	0.3
2	☐	1.000		3478697.00		P	1.8
3	☐	1.000		3465946.86		P	0.7
4	☐	1.000		3478697.17		P	0.4
5	☐	1.000		3382971.55		P	0.3
6	☐	1.000		3359087.03		P	2.3
7	☐	1.000		3341321.44		P	1.2
8	☐	1.000		3319225.02		P	0.1
9	☐	1.000		3203080.47		P	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		4104832.16		M	0.7
2	☐	1.000		3986626.09		P	6.5
3	☐	1.000		4071668.45		P	0.5
4	☐	1.000		4118614.00		P	0.3
5	☐	1.000		4085934.04		P	0.7
6	☐	1.000		4032427.20		P	0.7
7	☐	1.000		4029885.43		P	0.8
8	☐	1.000		3772865.98		P	5.5
9	☐	1.000		3459605.16		P	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2822115.30		P	0.4
2	☐	1.000		2820195.62		P	2.2
3	☐	1.000		2817292.61		P	0.7
4	☐	1.000		2811163.27		P	0.2
5	☐	1.000		2733336.73		P	0.2
6	☐	1.000		2697652.04		P	2.5
7	☐	1.000		2638778.31		P	1.1
8	☐	1.000		2576589.25		P	0.4
9	☐	1.000		2264128.77		P	0.6