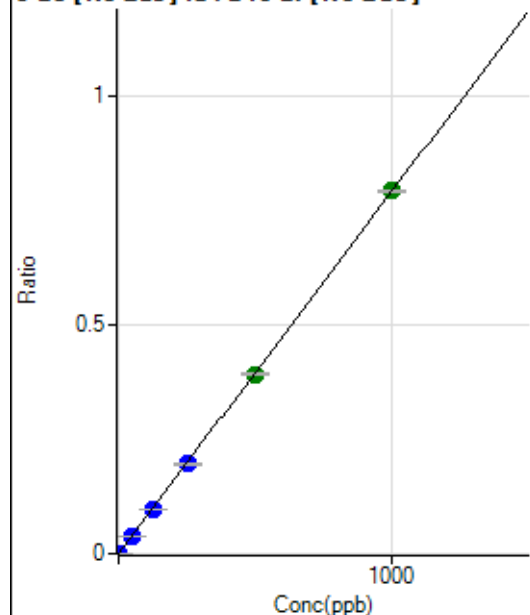


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7111024MS2.b\
Analysis File: P7111024MS2.batch.bin
DA Date-Time: 2024-11-11 22:54:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-10 23:04:56
2	006CALS.d	S02	2024-11-10 23:11:26
3	007CALS.d	S03	2024-11-10 23:14:40
4	008CALS.d	S04	2024-11-10 23:17:33
5	009CALS.d	S05	2024-11-10 23:20:17
6	010CALS.d	S06	2024-11-10 23:23:03
7	011CALS.d	S07	2024-11-10 23:25:48
8	012CALS.d	S08	2024-11-10 23:28:34

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	42.9
2	☐	1.000	1.053	2861.42	0.0008	P	10.0
3	☐	50.000	48.864	131766.21	0.0386	P	0.8
4	☐	125.000	121.049	329757.34	0.0955	P	1.3
5	☐	250.000	247.394	649290.22	0.1952	P	0.6
6	☐	500.000	496.301	1320210.29	0.3916	A	1.5
7	☐	1000.000	1003.052	2476125.23	0.7914	A	0.4
8	☐			272.23	0.0001	P	51.9

$$y = 7.8894E-004 * x + 1.7273E-005$$

$$R = 1.0000$$

$$DL = 0.02817$$

$$BEC = 0.02189$$

Weight: <None>

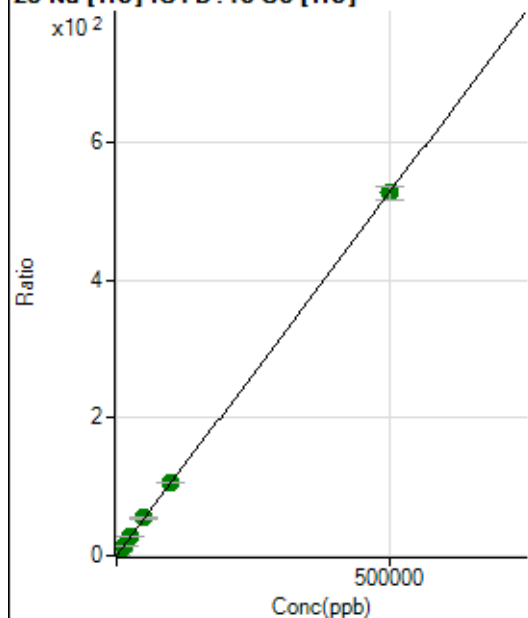
Min Conc: 0

12 C [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34606.63	0.0239	P	1.1
2	☐	500.000	527.293	834394.27	0.5793	P	0.6
3	☐	5000.000	5332.999	8121587.31	5.6416	A	1.2
4	☐	12500.000	12954.502	19696931.79	13.6699	A	2.2
5	☐	25000.000	26335.121	39203604.69	27.7647	A	0.5
6	☐	50000.000	51685.495	78483615.50	54.4681	A	1.2
7	☐	100000.00	100360.09	155550959.90	105.7408	A	1.3
8	☐	500000.00	499677.95	765014833.05	526.3724	A	3.6

$$y = 0.0011 * x + 0.0239$$

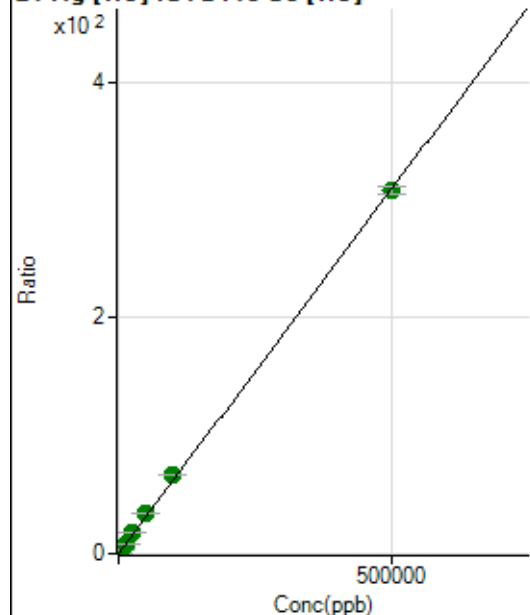
$$R = 1.0000$$

$$DL = 0.7288$$

$$BEC = 22.69$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3754.94	0.0026	P	0.4
2	☐	500.000	578.922	519024.86	0.3604	P	1.0
3	☐	5000.000	5694.142	5069886.45	3.5217	A	0.8
4	☐	12500.000	13967.246	12442436.06	8.6346	A	1.9
5	☐	25000.000	28166.616	24583094.91	17.4101	A	0.5
6	☐	50000.000	54945.783	48931552.61	33.9602	A	1.7
7	☐	100000.00	107884.66	98095180.76	66.6775	A	0.7
8	☐	500000.00	497726.45	447168300.01	307.6076	A	2.1

$$y = 6.1802\text{E-}004 * x + 0.0026$$

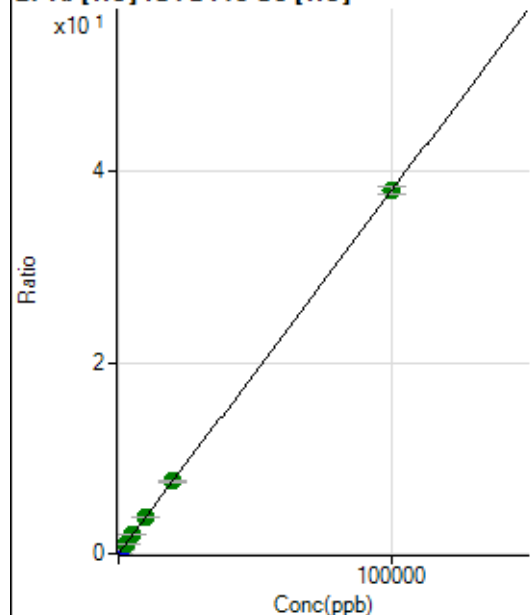
$$R = 0.9998$$

$$DL = 0.05044$$

$$BEC = 4.196$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	338.90	0.0002	P	3.3
2	☐	20.000	20.522	11558.89	0.0080	P	0.1
3	☐	1000.000	1066.235	583099.83	0.4050	P	0.2
4	☐	2500.000	2614.328	1430286.54	0.9928	A	3.4
5	☐	5000.000	5209.106	2792752.18	1.9779	A	0.8
6	☐	10000.000	10149.574	5552294.57	3.8535	A	1.8
7	☐	20000.000	19901.146	11114816.36	7.5557	A	1.3
8	☐	100000.00	99990.837	55195440.29	37.9616	A	1.9

$$y = 3.7965\text{E-}004 * x + 2.3409\text{E-}004$$

$$R = 1.0000$$

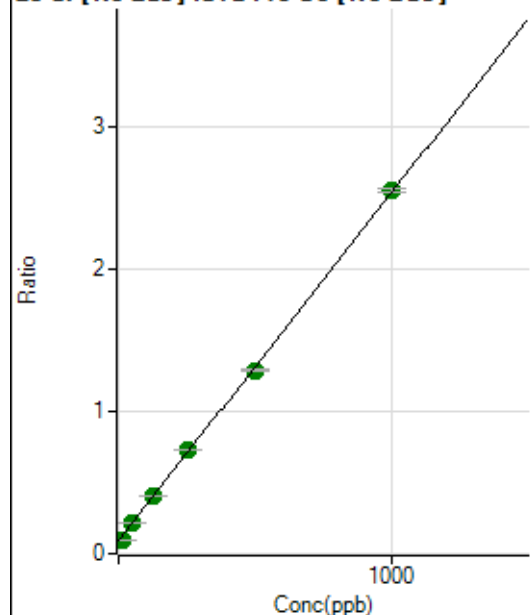
$$DL = 0.06094$$

$$BEC = 0.6166$$

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	1607199.64	0.0986	A	1.3
2	☐	10.000	-1.058	1615810.63	0.0960	A	3.0
3	☐	50.000	48.993	3672863.73	0.2180	A	0.0
4	☐	125.000	124.113	6750946.91	0.4012	A	1.3
5	☐	250.000	257.082	11798975.66	0.7255	A	0.2
6	☐	500.000	488.380	21488891.07	1.2895	A	1.7
7	☐	1000.000	1004.311	41549619.66	2.5476	A	1.2
8	☐			1789967.64	0.1323	A	25.3

$$y = 0.0024 * x + 0.0986$$

$$R = 0.9998$$

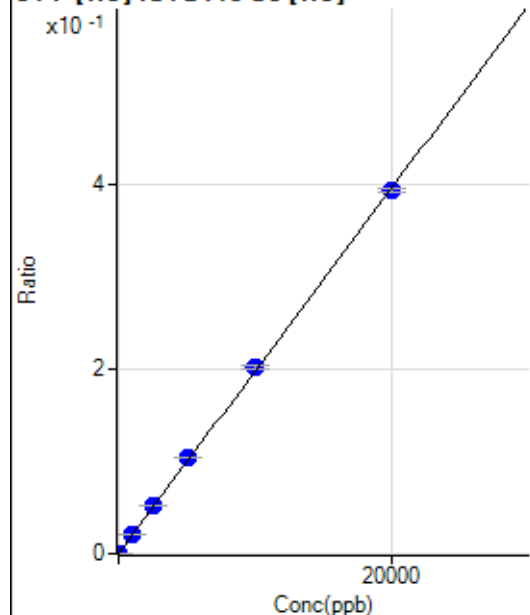
$$DL = 1.601$$

$$BEC = 40.42$$

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	-15.356	381.12	0.0003	P	4.3
2	☐	0.000	15.356	1252.29	0.0009	P	8.5
3	☐	1000.000	1041.567	30382.41	0.0211	P	0.6
4	☐	2500.000	2576.511	74023.48	0.0514	P	1.3
5	☐	5000.000	5211.292	145893.49	0.1033	P	0.5
6	☐	10000.000	10163.450	289567.80	0.2010	P	1.8
7	☐	20000.000	19853.810	576741.84	0.3920	P	1.1
8	☐			626.69	0.0004	P	3.0

$$y = 1.9718E-005 * x + 5.6608E-004$$

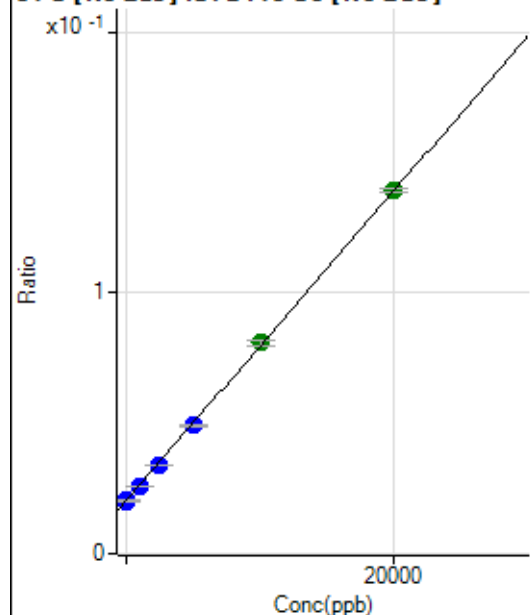
$$R = 0.9999$$

$$DL = 6.498$$

$$BEC = 28.71$$

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	5.137	331109.20	0.0203	P	0.5
2	☐	0.000	-5.137	340818.53	0.0202	P	2.6
3	☐	1000.000	939.823	435621.56	0.0259	P	0.2
4	☐	2500.000	2327.399	573919.19	0.0341	P	0.8
5	☐	5000.000	4856.046	799164.03	0.0491	P	0.9
6	☐	10000.000	10166.429	1344842.36	0.0807	A	2.4
7	☐	20000.000	19977.358	2267390.04	0.1390	A	1.1
8	☐			270063.57	0.0199	P	23.5

$$y = 5.9443\text{E-}006 * x + 0.0203$$

$$R = 0.9999$$

$$DL = 156.3$$

$$BEC = 3410$$

Weight: <None>

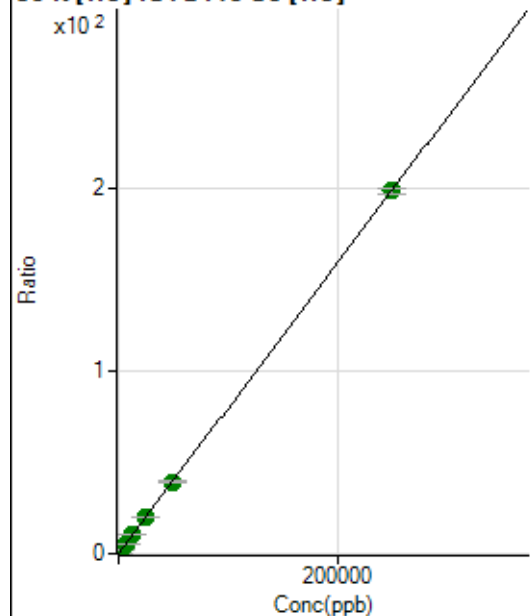
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

39 K [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	87672.81	0.0606	P	0.3
2	☐	500.000	553.696	721609.63	0.5010	P	0.6
3	☐	2500.000	2588.099	3051185.79	2.1194	A	0.9
4	☐	6250.000	6412.740	7438754.54	5.1620	A	1.2
5	☐	12500.000	12709.107	14361311.59	10.1709	A	1.2
6	☐	25000.000	25045.181	28797985.12	19.9846	A	0.7
7	☐	50000.000	49564.036	58094351.36	39.4899	A	0.7
8	☐	250000.00	250067.16	289301986.80	198.9949	A	1.6

$$y = 7.9552E-004 * x + 0.0606$$

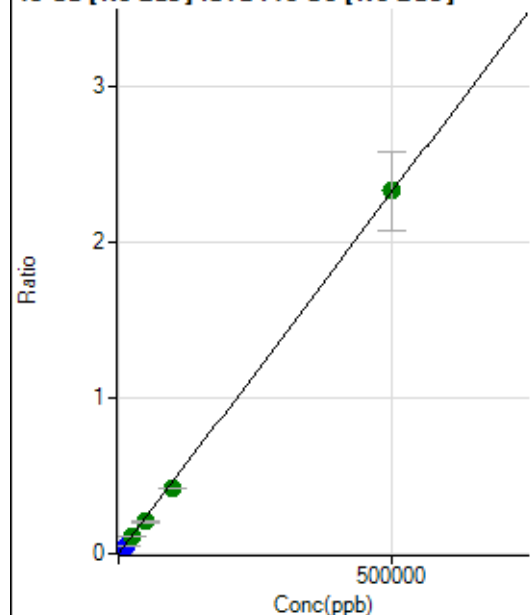
$$R = 1.0000$$

$$DL = 0.5796$$

$$BEC = 76.12$$

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	752.25	0.0000	P	9.9
2	☐	500.000	477.830	38093.34	0.0023	P	3.6
3	☐	5000.000	4757.736	372584.87	0.0221	P	0.6
4	☐	12500.000	11719.908	915649.12	0.0544	P	0.8
5	☐	25000.000	23128.601	1745793.95	0.1073	A	0.3
6	☐	50000.000	44279.307	3423625.09	0.2055	A	2.8
7	☐	100000.00	91282.677	6907230.24	0.4235	A	0.8
8	☐	500000.00	502431.05	31695013.14	2.3309	A	21.8

$$y = 4.6391\text{E-}006 * x + 4.6142\text{E-}005$$

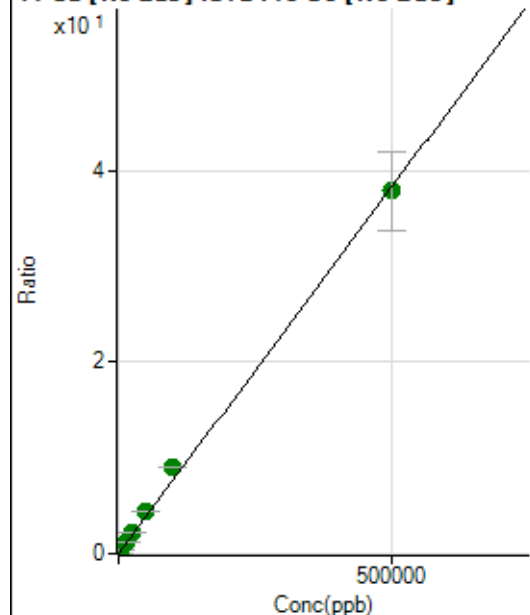
$$R = 0.9998$$

$$DL = 2.96$$

$$BEC = 9.946$$

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	61239.65	0.0038	P	2.2
2	☐	500.000	494.791	700230.07	0.0416	P	3.7
3	☐	5000.000	5820.262	7561824.24	0.4489	A	0.0
4	☐	12500.000	14470.186	18685338.46	1.1104	A	0.2
5	☐	25000.000	29772.214	37091848.17	2.2807	A	1.0
6	☐	50000.000	58006.741	73988489.87	4.4400	A	2.3
7	☐	100000.00	118670.40	148084118.47	9.0795	A	0.2
8	☐	500000.00	495169.18	514794300.29	37.8737	A	22.0

$$y = 7.6479\text{E-}005 * x + 0.0038$$

$$R = 0.9992$$

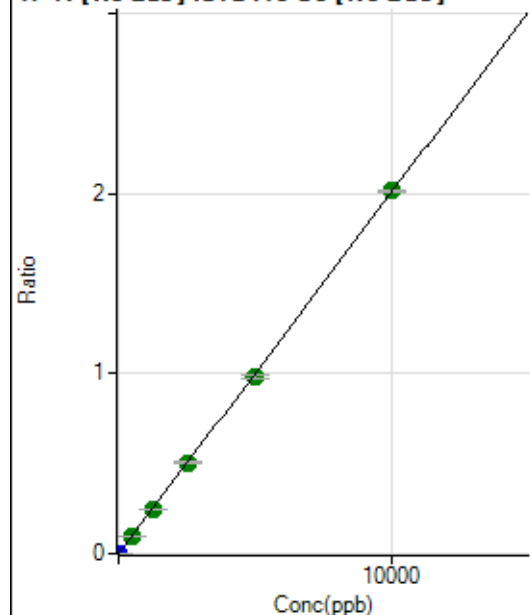
$$DL = 3.238$$

$$BEC = 49.1$$

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	291.12	0.0000	P	6.8
2	☐	5.000	5.031	17304.40	0.0010	P	3.3
3	☐	500.000	502.348	1699116.56	0.1009	A	0.5
4	☐	1250.000	1231.360	4159743.62	0.2472	A	0.9
5	☐	2500.000	2523.053	8237860.64	0.5065	A	0.8
6	☐	5000.000	4900.836	16394949.48	0.9838	A	2.1
7	☐	10000.000	10046.031	32892153.12	2.0167	A	0.3
8	☐			3807.21	0.0003	P	44.5

$$y = 2.0075E-004 * x + 1.7849E-005$$

$$R = 0.9999$$

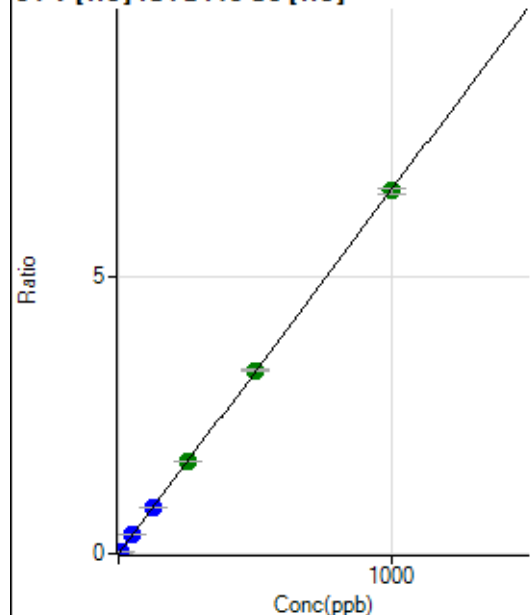
$$DL = 0.0181$$

$$BEC = 0.08891$$

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	43.33	0.0000	P	31.0
2	☐	5.000	5.360	50631.29	0.0352	P	1.4
3	☐	50.000	51.607	486893.47	0.3382	P	0.2
4	☐	125.000	126.096	1190655.67	0.8263	P	1.6
5	☐	250.000	253.685	2347308.97	1.6624	A	0.9
6	☐	500.000	503.827	4757025.69	3.3015	A	1.6
7	☐	1000.000	996.946	9610207.57	6.5328	A	1.3
8	☐			1656.77	0.0011	P	7.2

$$y = 0.0066 * x + 2.9952E-005$$

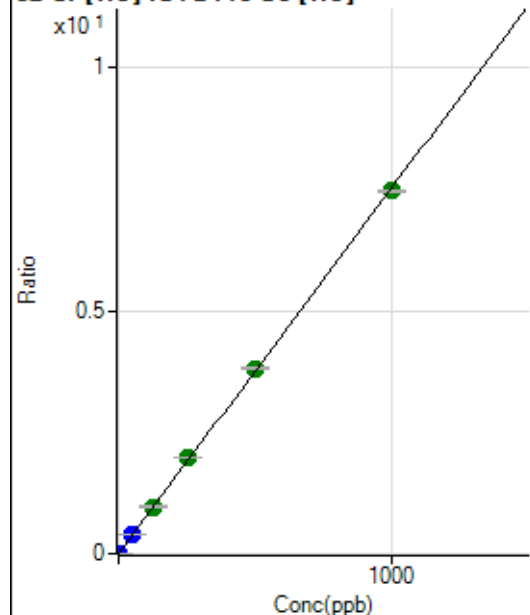
$$R = 1.0000$$

$$DL = 0.004252$$

$$BEC = 0.004571$$

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	2124.62	0.0015	P	4.8
2	☐	2.000	2.186	25775.44	0.0179	P	2.3
3	☐	50.000	52.494	570003.64	0.3959	P	0.6
4	☐	125.000	127.138	1378555.81	0.9569	A	2.9
5	☐	250.000	262.051	2782647.60	1.9707	A	0.2
6	☐	500.000	507.236	5494352.70	3.8132	A	1.3
7	☐	1000.000	992.977	10979442.34	7.4633	A	0.7
8	☐			34160.92	0.0235	P	2.7

$$y = 0.0075 * x + 0.0015$$

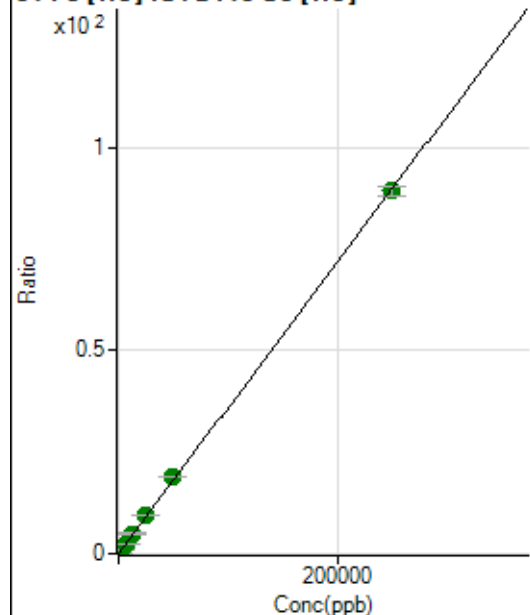
$$R = 0.9999$$

$$DL = 0.028$$

$$BEC = 0.1953$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5113.13	0.0035	P	1.0
2	☐	50.000	61.895	37010.92	0.0257	P	1.4
3	☐	2500.000	2787.900	1442568.54	1.0020	A	0.2
4	☐	6250.000	6837.434	3533072.21	2.4524	A	3.5
5	☐	12500.000	13810.730	6989257.74	4.9499	A	1.0
6	☐	25000.000	26693.778	13781207.99	9.5639	A	0.8
7	☐	50000.000	52571.634	27704110.14	18.8321	A	0.8
8	☐	250000.00	249233.19	129758744.73	89.2668	A	2.6

$$y = 3.5815E-004 * x + 0.0035$$

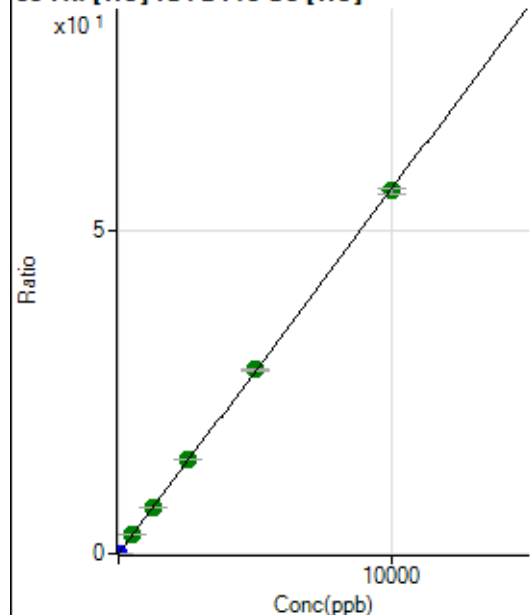
$$R = 0.9999$$

$$DL = 0.283$$

$$BEC = 9.86$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1679.00	0.0012	P	3.3
2	☐	1.000	1.067	10341.41	0.0072	P	3.5
3	☐	500.000	516.523	4200731.19	2.9179	A	0.7
4	☐	1250.000	1262.890	10276454.43	7.1326	A	3.1
5	☐	2500.000	2582.635	20594387.47	14.5852	A	0.5
6	☐	5000.000	5054.274	41127159.94	28.5424	A	1.2
7	☐	10000.000	9949.767	82652329.32	56.1871	A	1.6
8	☐			40313.83	0.0277	P	1.1

$$y = 0.0056 * x + 0.0012$$

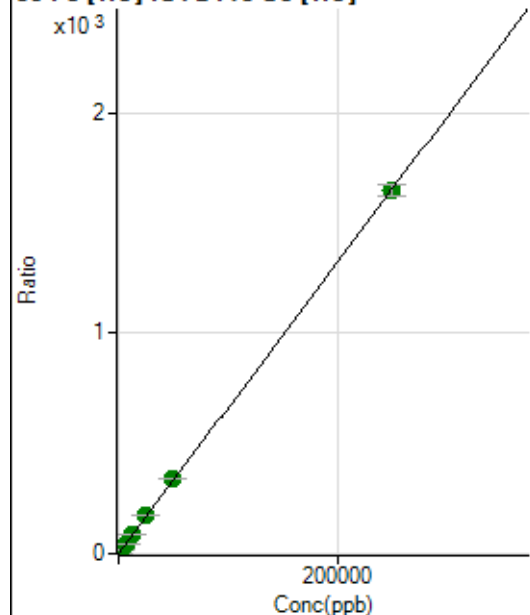
$$R = 0.9999$$

$$DL = 0.02003$$

$$BEC = 0.2053$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	35265.72	0.0244	P	0.4
2	☐	50.000	59.169	597014.13	0.4145	P	0.6
3	☐	2500.000	2715.144	25810102.39	17.9283	A	0.8
4	☐	6250.000	6610.075	62833286.29	43.6119	A	2.8
5	☐	12500.000	13535.017	126058619.24	89.2757	A	0.5
6	☐	25000.000	26478.237	251601902.92	174.6247	A	1.9
7	☐	50000.000	51631.596	500882988.09	340.4886	A	1.3
8	☐	250000.00	249462.95	2390939662.1	1,645.009	A	3.2

$$y = 0.0066 * x + 0.0244$$

$$R = 1.0000$$

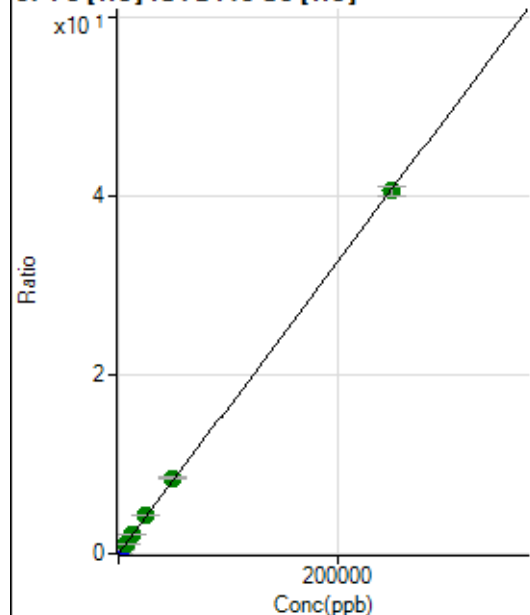
$$DL = 0.04405$$

$$BEC = 3.694$$

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	2141.29	0.0015	P	5.1
2	☐	50.000	61.946	16622.64	0.0115	P	1.6
3	☐	2500.000	2859.855	671010.72	0.4661	P	0.6
4	☐	6250.000	6717.834	1574826.22	1.0929	A	1.4
5	☐	12500.000	13682.649	3140868.25	2.2244	A	1.0
6	☐	25000.000	26627.426	6235734.56	4.3275	A	0.8
7	☐	50000.000	52127.492	12460249.81	8.4703	A	1.7
8	☐	250000.00	249337.33	58885384.12	40.5097	A	2.5

$$y = 1.6246\text{E-}004 * x + 0.0015$$

$$R = 0.9999$$

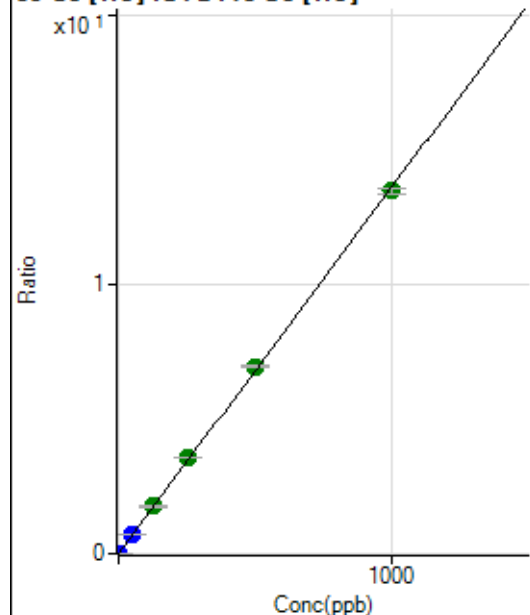
$$DL = 1.382$$

$$BEC = 9.102$$

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	470.57	0.0003	P	7.2
2	☐	1.000	1.144	22893.64	0.0159	P	1.5
3	☐	50.000	53.400	1046493.07	0.7269	P	0.5
4	☐	125.000	129.673	2542876.43	1.7647	A	1.9
5	☐	250.000	262.156	5037102.61	3.5674	A	0.7
6	☐	500.000	510.805	10015510.40	6.9506	A	0.8
7	☐	1000.000	990.804	19832019.03	13.4817	A	1.6
8	☐			53321.69	0.0367	P	1.9

$$y = 0.0136 * x + 3.2511\text{E-}004$$

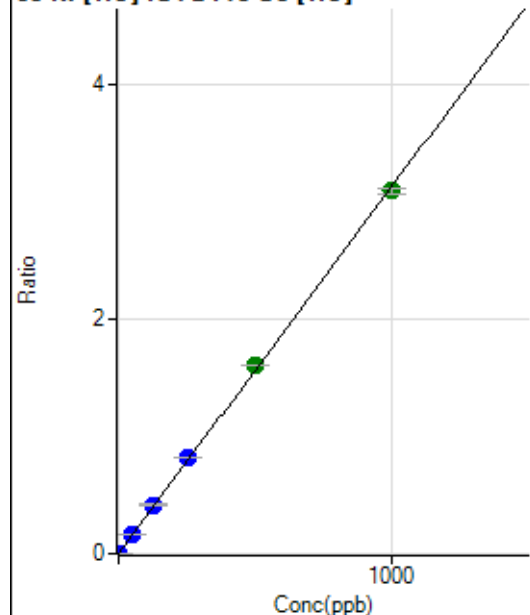
$$R = 0.9998$$

$$DL = 0.005139$$

$$BEC = 0.02389$$

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	307.78	0.0002	P	0.9
2	☐	1.000	1.128	5391.02	0.0037	P	1.8
3	☐	50.000	53.887	243222.66	0.1690	P	1.1
4	☐	125.000	132.920	600055.77	0.4164	P	1.9
5	☐	250.000	262.176	1159496.40	0.8212	P	0.6
6	☐	500.000	513.450	2317223.28	1.6080	A	0.5
7	☐	1000.000	989.047	4556237.74	3.0973	A	1.4
8	☐			17422.44	0.0120	P	2.7

$$y = 0.0031 * x + 2.1258E-004$$

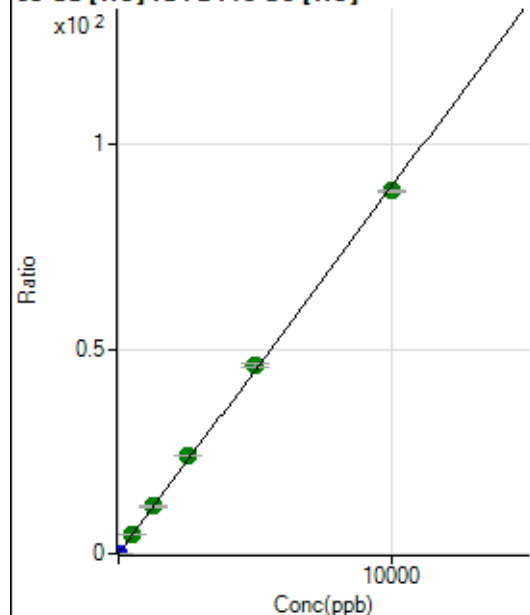
$$R = 0.9998$$

$$DL = 0.001885$$

$$BEC = 0.06789$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2296.87	0.0016	P	3.1
2	☐	2.000	2.151	30101.42	0.0209	P	1.9
3	☐	500.000	537.709	6954208.78	4.8306	A	0.9
4	☐	1250.000	1292.930	16733196.42	11.6130	A	1.7
5	☐	2500.000	2666.695	33818971.44	23.9505	A	0.5
6	☐	5000.000	5134.612	66443002.35	46.1142	A	1.7
7	☐	10000.000	9883.769	130585820.28	88.7651	A	0.5
8	☐			29552.56	0.0203	P	3.2

$$y = 0.0090 * x + 0.0016$$

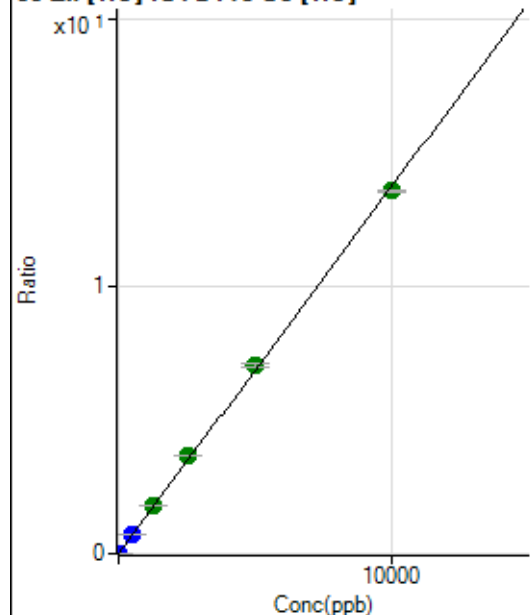
$$R = 0.9997$$

$$DL = 0.01668$$

$$BEC = 0.1767$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	690.03	0.0005	P	1.7
2	☐	2.000	5.571	11688.01	0.0081	P	2.3
3	☐	500.000	542.990	1072286.10	0.7448	P	0.3
4	☐	1250.000	1300.113	2568987.22	1.7827	A	0.9
5	☐	2500.000	2656.068	5142023.19	3.6415	A	0.6
6	☐	5000.000	5138.440	10149866.66	7.0445	A	1.8
7	☐	10000.000	9883.348	19932324.70	13.5490	A	0.5
8	☐			52821.79	0.0363	P	3.1

$$y = 0.0014 * x + 4.7659E-004$$

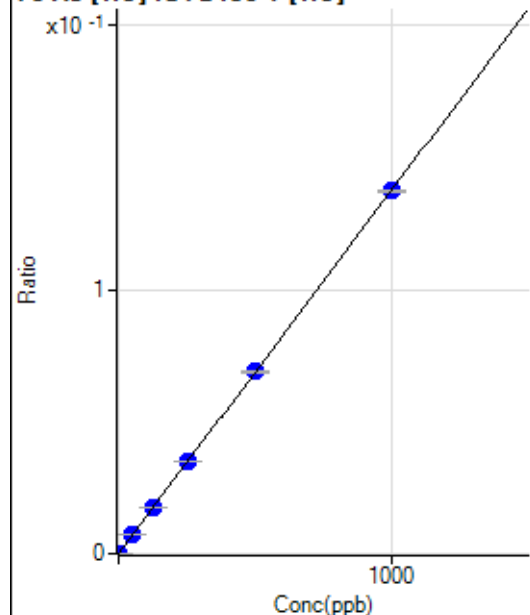
$$R = 0.9997$$

$$DL = 0.01784$$

$$BEC = 0.3477$$

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	21.11	0.0000	P	78.2
2	☐	1.000	1.063	1505.65	0.0001	P	5.1
3	☐	50.000	51.388	72305.95	0.0071	P	0.2
4	☐	125.000	126.787	178844.36	0.0174	P	1.5
5	☐	250.000	252.161	353026.79	0.0347	P	0.5
6	☐	500.000	501.020	706554.22	0.0689	P	1.1
7	☐	1000.000	998.657	1418263.45	0.1374	P	0.7
8	☐			700.03	0.0001	P	5.2

$$y = 1.3754E-004 * x + 2.0748E-006$$

$$R = 1.0000$$

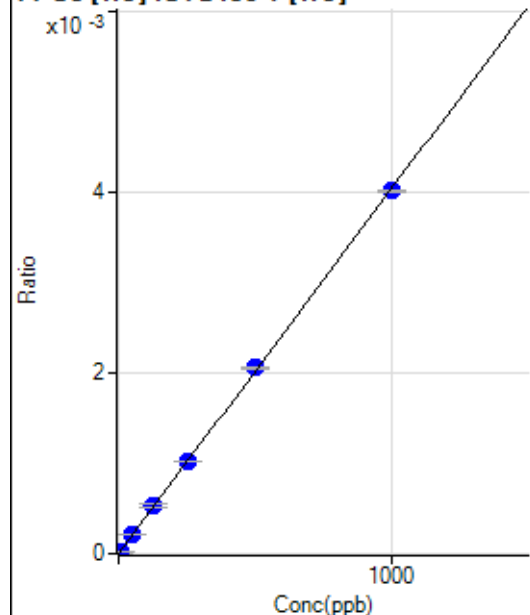
$$DL = 0.0354$$

$$BEC = 0.01508$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	5.155	213.34	0.0000	P	8.1
3	☐	50.000	51.514	2126.84	0.0002	P	1.7
4	☐	125.000	131.278	5431.06	0.0005	P	5.1
5	☐	250.000	253.072	10389.27	0.0010	P	1.6
6	☐	500.000	508.643	21033.92	0.0021	P	1.3
7	☐	1000.000	994.050	41394.32	0.0040	P	0.3
8	☐			12.22	0.0000	P	76.9

$$y = 4.0327\text{E-}006 * x + 2.1828\text{E-}007$$

$$R = 0.9999$$

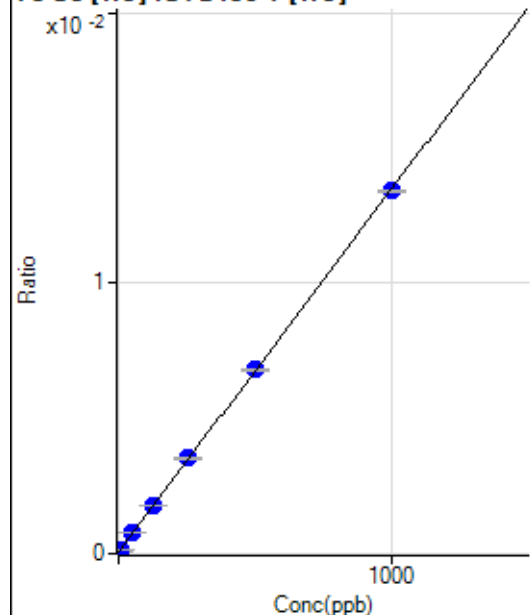
$$DL = 0.2813$$

$$BEC = 0.05413$$

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	591.13	0.0001	P	8.0
2	☐	5.000	5.495	1337.85	0.0001	P	5.8
3	☐	50.000	52.307	7774.35	0.0008	P	1.2
4	☐	125.000	129.174	18377.05	0.0018	P	1.5
5	☐	250.000	258.750	35944.72	0.0035	P	0.6
6	☐	500.000	503.452	69889.25	0.0068	P	0.8
7	☐	1000.000	995.447	138582.26	0.0134	P	0.4
8	☐			636.69	0.0001	P	8.8

$$y = 1.3424\text{E-}005 * x + 5.8002\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.036$$

$$BEC = 4.321$$

Weight: <None>

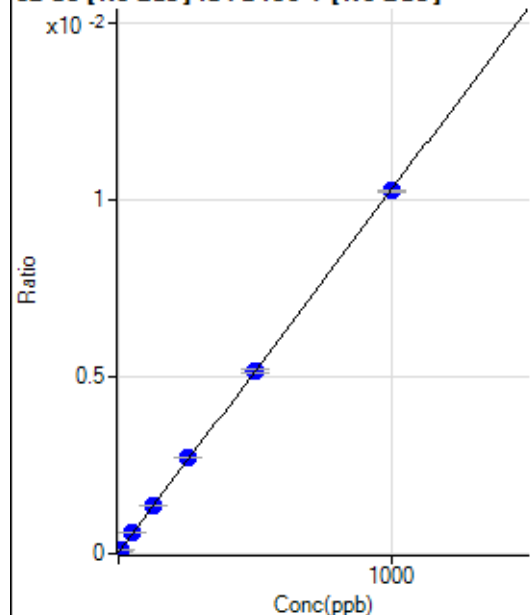
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16964.32		P	1.6
2	☐			17780.78		P	1.0
3	☐			17547.23		P	1.6
4	☐			17522.74		P	2.9
5	☐			17722.99		P	1.6
6	☐			17063.30		P	1.6
7	☐			17484.91		P	2.9
8	☐			19857.92		P	3.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			146.67		P	6.0
2	☐			184.45		P	12.8
3	☐			143.34		P	8.1
4	☐			106.67		P	9.4
5	☐			133.34		P	10.9
6	☐			163.34		P	14.3
7	☐			185.56		P	21.7
8	☐			307.78		P	7.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1502.40	0.0000	P	3.5
2	☐	5.000	5.459	3804.97	0.0001	P	3.9
3	☐	50.000	52.324	23219.43	0.0006	P	0.8
4	☐	125.000	129.494	55527.50	0.0014	P	0.5
5	☐	250.000	262.845	108240.25	0.0027	P	0.7
6	☐	500.000	499.065	211514.47	0.0052	P	2.4
7	☐	1000.000	996.576	416201.51	0.0103	P	0.4
8	☐			1564.81	0.0000	P	9.8

$$y = 1.0264\text{E-}005 * x + 3.8446\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3982$$

$$BEC = 3.746$$

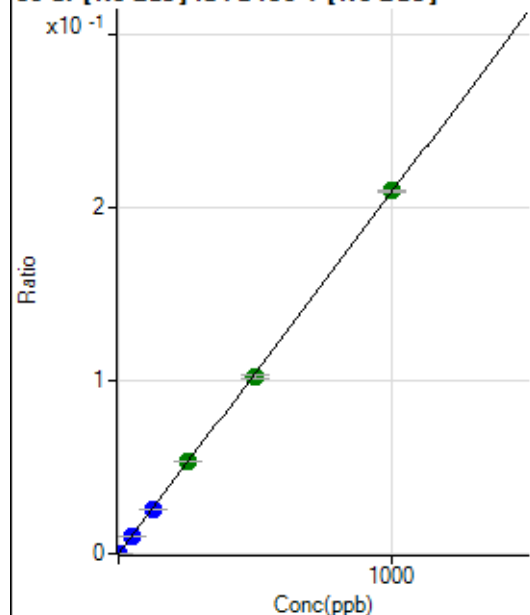
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			461.12		P	5.4
2	☐			472.23		P	4.7
3	☐			504.46		P	12.3
4	☐			490.02		P	8.5
5	☐			452.23		P	7.1
6	☐			491.12		P	8.4
7	☐			507.79		P	4.8
8	☐			607.80		P	7.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	808.92	0.0000	P	8.3
2	☐	1.000	1.034	9534.27	0.0002	P	5.0
3	☐	50.000	50.228	424373.88	0.0105	P	0.3
4	☐	125.000	123.541	1049214.52	0.0258	P	0.2
5	☐	250.000	254.776	2107380.49	0.0533	A	0.5
6	☐	500.000	489.902	4197172.02	0.1024	A	2.6
7	☐	1000.000	1004.026	8507032.93	0.2099	A	0.8
8	☐			24113.14	0.0007	P	22.5

$$y = 2.0899\text{E-}004 * x + 2.0695\text{E-}005$$

$$R = 0.9999$$

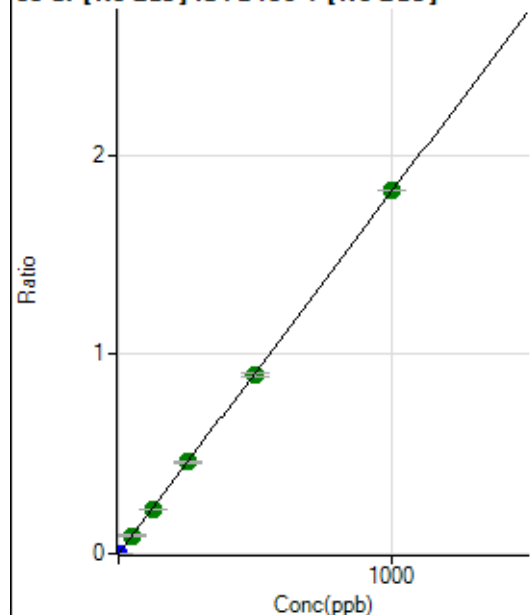
$$DL = 0.02473$$

$$BEC = 0.09902$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.35	0.0000	P	27.2
2	☐	1.000	1.038	76372.40	0.0019	P	3.9
3	☐	50.000	50.340	3686328.55	0.0914	A	1.6
4	☐	125.000	123.885	9129234.45	0.2248	A	0.3
5	☐	250.000	253.275	18182606.54	0.4596	A	0.7
6	☐	500.000	492.549	36637123.07	0.8938	A	2.0
7	☐	1000.000	1003.029	73789055.57	1.8202	A	0.1
8	☐			203285.45	0.0062	P	22.4

$$y = 0.0018 * x + 1.3149\text{E-}005$$

$$R = 1.0000$$

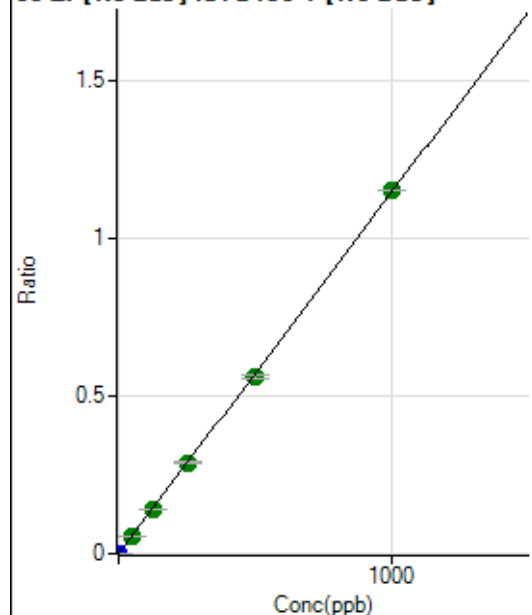
$$DL = 0.005922$$

$$BEC = 0.007246$$

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	2425.78	0.0001	P	4.6
2	☐	1.000	1.007	48827.42	0.0012	P	3.3
3	☐	50.000	49.860	2301397.71	0.0570	A	0.7
4	☐	125.000	122.878	5703924.57	0.1405	A	0.7
5	☐	250.000	252.732	11426105.94	0.2889	A	1.5
6	☐	500.000	489.234	22915028.27	0.5591	A	2.8
7	☐	1000.000	1004.972	46556608.20	1.1485	A	0.1
8	☐			38031.62	0.0012	P	23.6

$$y = 0.0011 * x + 6.2052E-005$$

$$R = 0.9999$$

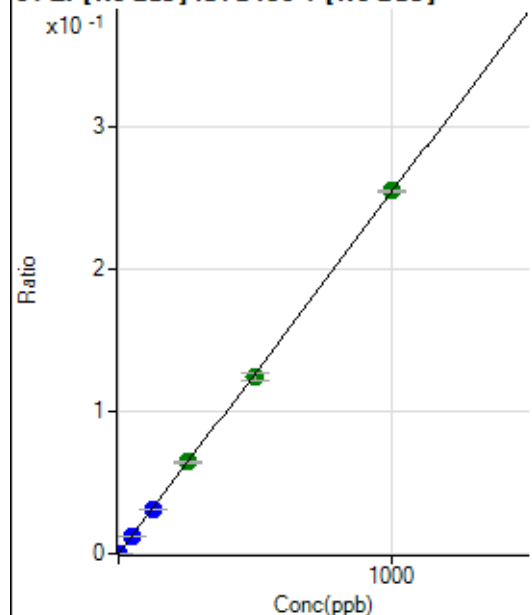
$$DL = 0.007468$$

$$BEC = 0.0543$$

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	443.34	0.0000	P	7.5
2	☐	1.000	1.018	10864.11	0.0003	P	3.8
3	☐	50.000	50.295	515290.76	0.0128	P	0.9
4	☐	125.000	123.415	1271786.44	0.0313	P	0.8
5	☐	250.000	253.223	2541735.74	0.0643	A	1.1
6	☐	500.000	489.842	5093371.21	0.1243	A	3.4
7	☐	1000.000	1004.457	10331022.55	0.2548	A	0.4
8	☐			8402.50	0.0003	P	25.8

$$y = 2.5370E-004 * x + 1.1343E-005$$

$$R = 0.9999$$

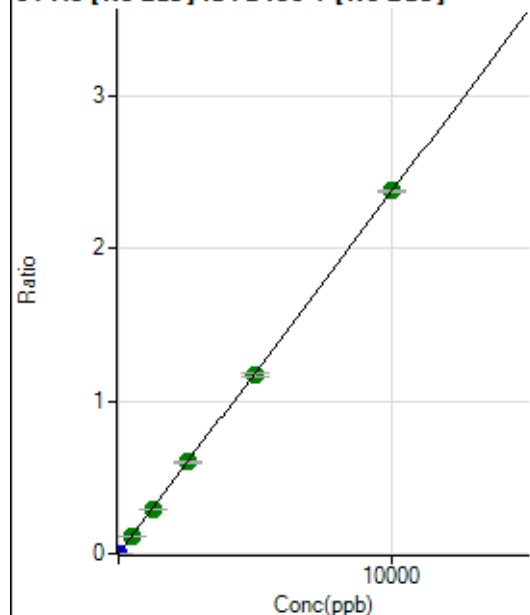
$$DL = 0.009997$$

$$BEC = 0.04471$$

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	835.59	0.0000	P	4.2
2	☐	5.000	5.930	57493.34	0.0014	P	4.6
3	☐	500.000	500.675	4792106.01	0.1188	A	0.5
4	☐	1250.000	1239.158	11934127.88	0.2939	A	0.7
5	☐	2500.000	2529.055	23727761.04	0.5998	A	1.3
6	☐	5000.000	4933.578	47961912.62	1.1701	A	2.0
7	☐	10000.000	10027.268	96410023.01	2.3782	A	0.3
8	☐			24835.89	0.0008	P	33.1

$$y = 2.3717E-004 * x + 2.1384E-005$$

$$R = 1.0000$$

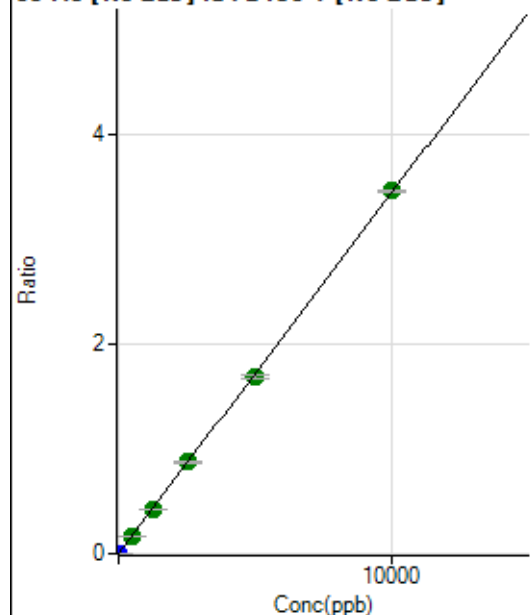
$$DL = 0.01133$$

$$BEC = 0.09016$$

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	113.33	0.0000	P	34.3
2	☐	5.000	4.984	69244.00	0.0017	P	4.6
3	☐	500.000	499.289	6939034.20	0.1720	A	1.3
4	☐	1250.000	1229.619	17197360.30	0.4235	A	1.2
5	☐	2500.000	2531.978	34499278.10	0.8721	A	1.1
6	☐	5000.000	4881.742	68920558.97	1.6815	A	2.3
7	☐	10000.000	10053.718	140385982.35	3.4630	A	0.4
8	☐			17770.31	0.0006	P	42.0

$$y = 3.4445E-004 * x + 2.9014E-006$$

$$R = 0.9999$$

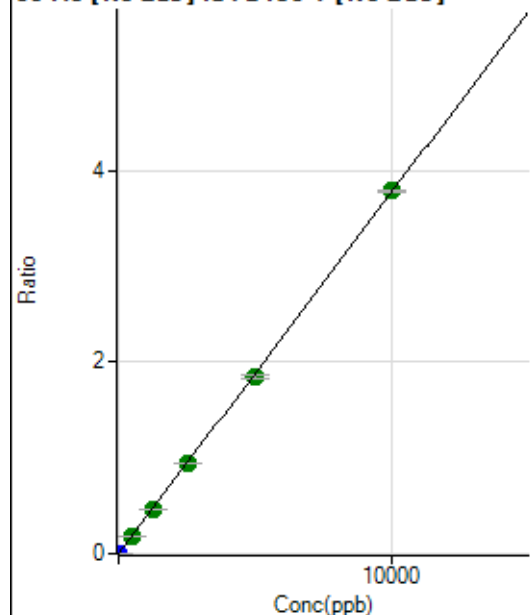
$$DL = 0.008678$$

$$BEC = 0.008423$$

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	314.45	0.0000	P	16.2
2	☐	5.000	5.050	77002.43	0.0019	P	3.7
3	☐	500.000	499.156	7592005.16	0.1882	A	1.0
4	☐	1250.000	1229.825	18823682.92	0.4636	A	0.6
5	☐	2500.000	2515.769	37514701.11	0.9483	A	0.7
6	☐	5000.000	4911.028	75872802.20	1.8512	A	2.6
7	☐	10000.000	10043.108	153471603.27	3.7858	A	0.4
8	☐			41904.78	0.0013	P	31.0

$$y = 3.7695E-004 * x + 8.0513E-006$$

$$R = 0.9999$$

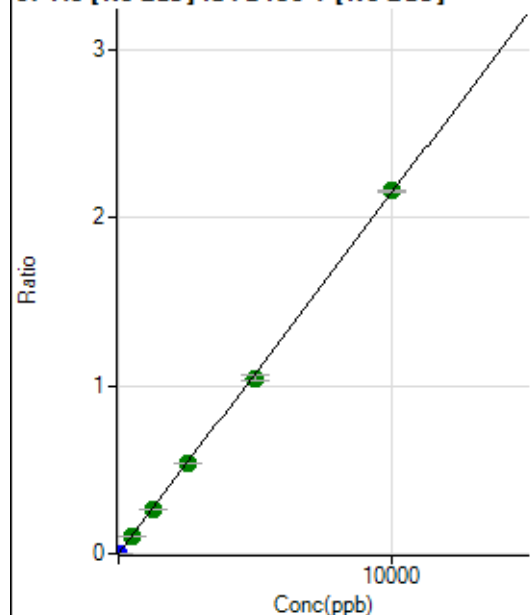
$$DL = 0.01038$$

$$BEC = 0.02136$$

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	94.45	0.0000	P	8.3
2	☐	5.000	4.988	43170.20	0.0011	P	4.5
3	☐	500.000	494.646	4279855.63	0.1061	A	1.1
4	☐	1250.000	1229.489	10705689.77	0.2637	A	0.9
5	☐	2500.000	2514.548	21330621.35	0.5392	A	0.8
6	☐	5000.000	4876.665	42861009.91	1.0457	A	2.4
7	☐	10000.000	10060.862	87458749.81	2.1574	A	0.2
8	☐			11110.10	0.0004	P	44.5

$$y = 2.1444E-004 * x + 2.4178E-006$$

$$R = 0.9999$$

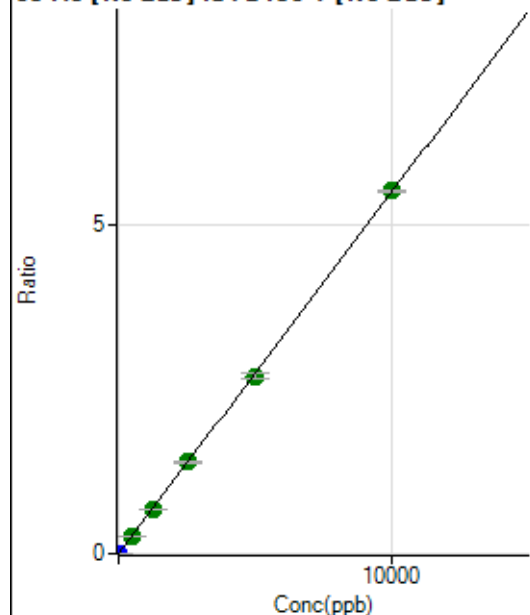
$$DL = 0.002819$$

$$BEC = 0.01127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.78	0.0000	P	43.5
2	☐	5.000	5.061	112433.14	0.0028	P	4.4
3	☐	500.000	499.312	11091640.67	0.2749	A	1.2
4	☐	1250.000	1232.415	27550959.03	0.6785	A	1.1
5	☐	2500.000	2533.306	55170416.40	1.3947	A	1.4
6	☐	5000.000	4912.555	110847005.01	2.7046	A	2.9
7	☐	10000.000	10037.628	224028056.66	5.5263	A	0.2
8	☐			27181.31	0.0009	P	43.9

$$y = 5.5056\text{E-}004 * x + 5.3284\text{E-}006$$

$$R = 0.9999$$

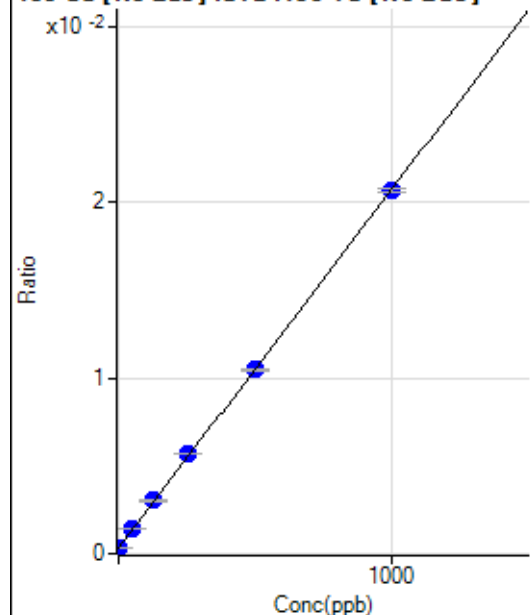
$$DL = 0.01263$$

$$BEC = 0.009678$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10363.77	0.0003	P	2.3
2	☐	1.000	1.258	11668.13	0.0003	P	1.9
3	☐	50.000	52.968	47982.22	0.0014	P	2.4
4	☐	125.000	131.957	104480.89	0.0030	P	0.9
5	☐	250.000	264.119	194975.10	0.0057	P	0.9
6	☐	500.000	497.756	373775.49	0.0105	P	1.7
7	☐	1000.000	996.574	729556.81	0.0207	P	1.1
8	☐			9432.13	0.0003	P	0.6

$$y = 2.0407\text{E-}005 * x + 3.1876\text{E-}004$$

$$R = 0.9999$$

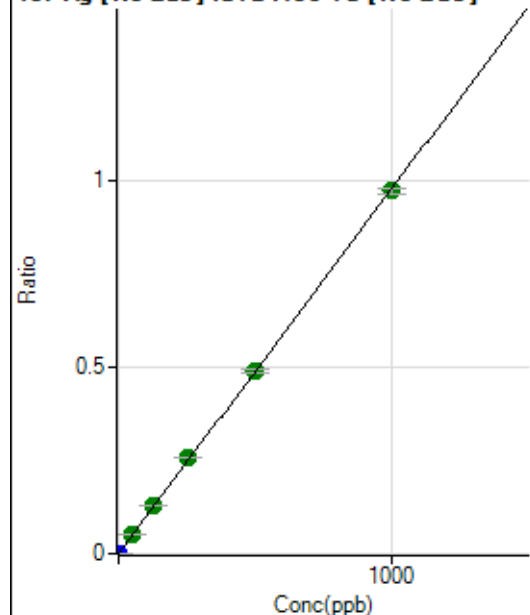
$$DL = 1.078$$

$$BEC = 15.62$$

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	237.79	0.0000	P	27.0
2	☐	1.000	1.094	36400.07	0.0011	P	4.5
3	☐	50.000	53.104	1778328.69	0.0519	A	1.2
4	☐	125.000	131.776	4465059.17	0.1287	A	0.2
5	☐	250.000	263.917	8803200.77	0.2577	A	1.6
6	☐	500.000	500.635	17444414.88	0.4889	A	1.5
7	☐	1000.000	995.201	34328119.21	0.9719	A	1.4
8	☐			3397.11	0.0001	P	42.9

$$y = 9.7660\text{E-}004 * x + 7.3136\text{E-}006$$

$$R = 0.9999$$

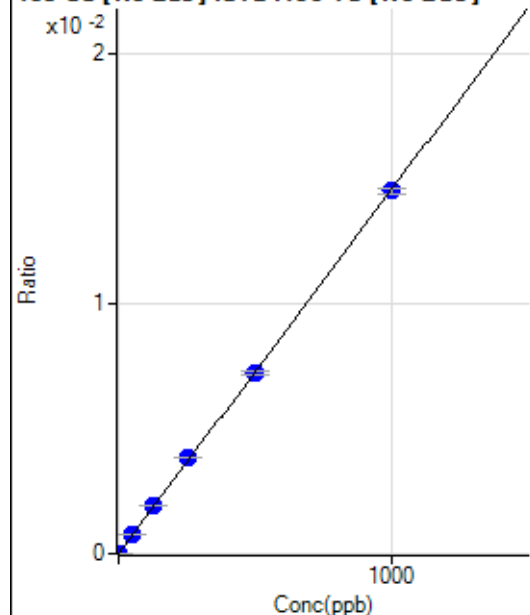
$$DL = 0.00607$$

$$BEC = 0.007489$$

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	22.22	0.0000	P	8.9
2	☐	1.000	0.940	486.68	0.0000	P	12.1
3	☐	50.000	53.200	26608.86	0.0008	P	1.8
4	☐	125.000	132.527	67041.59	0.0019	P	0.6
5	☐	250.000	264.165	131537.26	0.0039	P	1.4
6	☐	500.000	497.380	258681.31	0.0073	P	1.9
7	☐	1000.000	996.668	513120.93	0.0145	P	1.8
8	☐			208.89	0.0000	P	26.0

$$y = 1.4576\text{E-}005 * x + 6.8351\text{E-}007$$

$$R = 0.9999$$

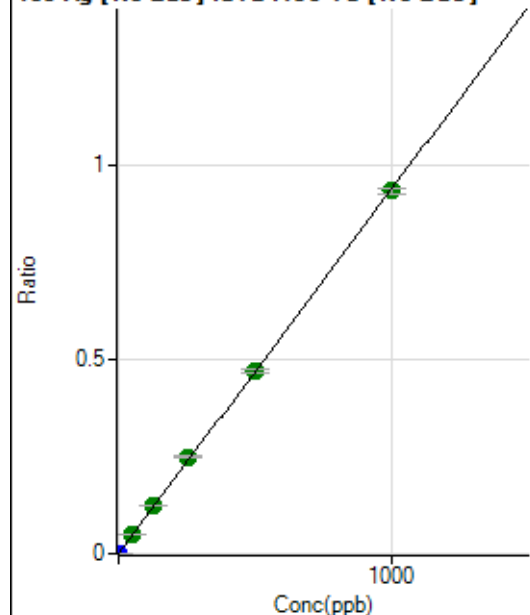
$$DL = 0.01249$$

$$BEC = 0.04689$$

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	127.78	0.0000	P	38.3
2	☐	1.000	1.094	34870.79	0.0010	P	2.9
3	☐	50.000	53.493	1720512.61	0.0502	A	1.2
4	☐	125.000	131.599	4282961.74	0.1235	A	0.2
5	☐	250.000	265.301	8500251.68	0.2489	A	1.0
6	☐	500.000	499.390	16713367.11	0.4685	A	2.0
7	☐	1000.000	995.480	32982130.89	0.9338	A	1.4
8	☐			3198.18	0.0001	P	38.8

$$y = 9.3805\text{E-}004 * x + 3.9333\text{E-}006$$

$$R = 0.9999$$

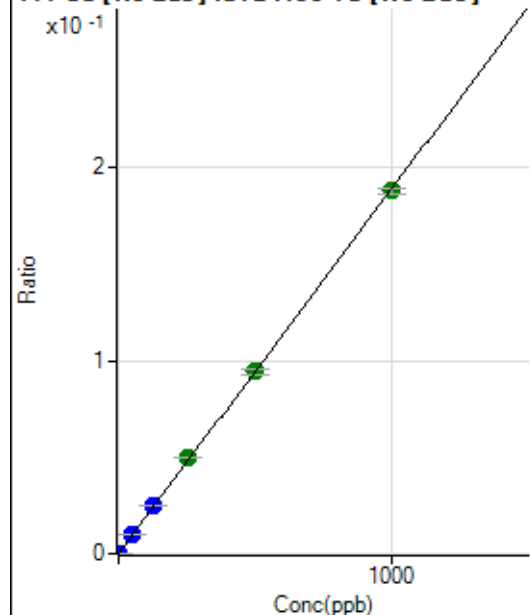
$$DL = 0.004817$$

$$BEC = 0.004193$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1056.48	0.0000	P	2.0
2	☐	1.000	1.150	8447.70	0.0002	P	5.6
3	☐	50.000	54.053	351047.64	0.0102	P	1.6
4	☐	125.000	133.568	876163.52	0.0253	P	0.9
5	☐	250.000	264.191	1705121.78	0.0499	A	0.6
6	☐	500.000	499.859	3368573.74	0.0944	A	2.8
7	☐	1000.000	995.249	6638891.48	0.1880	A	1.9
8	☐			1875.21	0.0001	P	22.7

$$y = 1.8884\text{E-}004 * x + 3.2495\text{E-}005$$

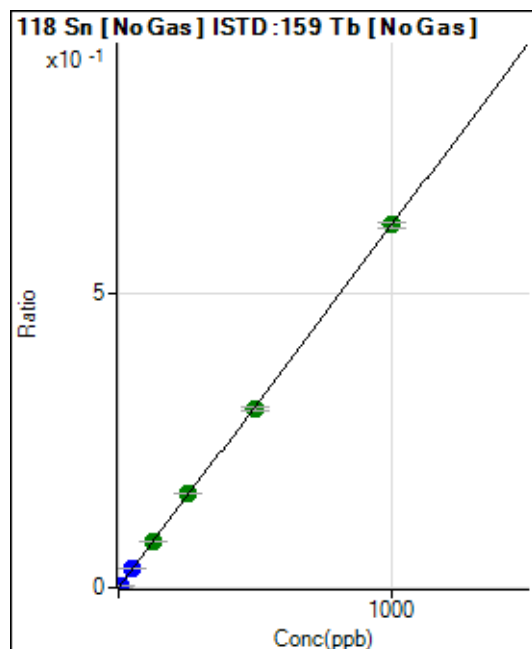
$$R = 0.9999$$

$$DL = 0.01049$$

$$BEC = 0.1721$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3947.25	0.0001	P	2.1
2	☐	5.000	5.343	115920.68	0.0034	P	2.4
3	☐	50.000	52.285	1111908.35	0.0324	P	1.7
4	☐	125.000	128.341	2755884.37	0.0794	A	1.1
5	☐	250.000	259.123	5473495.75	0.1603	A	1.2
6	☐	500.000	493.805	10891402.06	0.3053	A	2.3
7	☐	1000.000	1000.283	21836932.73	0.6183	A	1.9
8	☐			20264.65	0.0007	P	23.0

$$y = 6.1799\text{E-}004 * x + 1.2141\text{E-}004$$

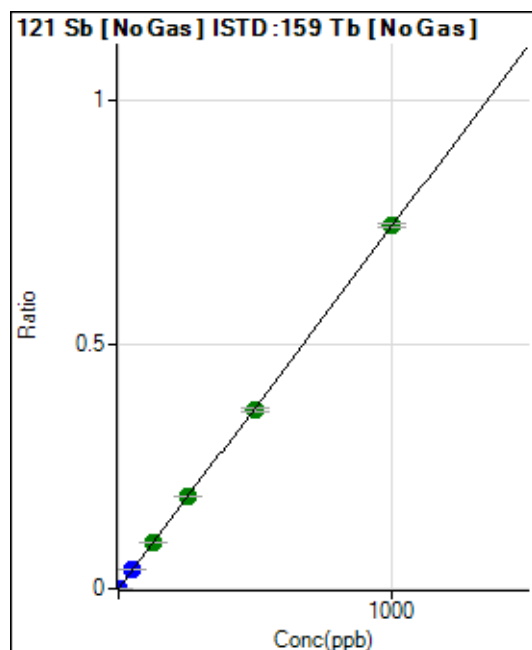
$$R = 0.9999$$

$$DL = 0.01265$$

$$BEC = 0.1965$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0000	P	41.2
2	☐	2.000	2.128	53499.04	0.0016	P	2.9
3	☐	50.000	51.091	1299014.41	0.0379	P	2.0
4	☐	125.000	125.608	3231894.85	0.0932	A	0.8
5	☐	250.000	256.845	6506050.66	0.1905	A	0.6
6	☐	500.000	492.269	13025113.70	0.3651	A	1.9
7	☐	1000.000	1002.023	26247706.83	0.7431	A	0.9
8	☐			15889.09	0.0006	P	16.9

$$y = 7.4162\text{E-}004 * x + 1.7783\text{E-}006$$

$$R = 0.9999$$

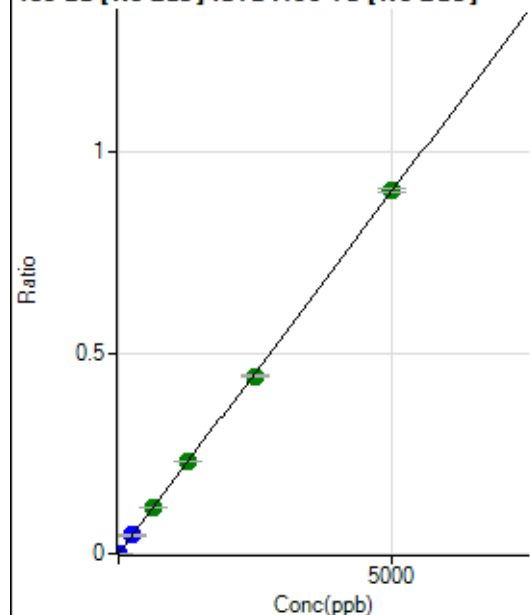
$$DL = 0.002966$$

$$BEC = 0.002398$$

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	86.67	0.0000	P	21.7
2	☐	10.000	10.376	63459.41	0.0019	P	3.6
3	☐	250.000	254.301	1572792.65	0.0459	P	1.8
4	☐	625.000	628.938	3936243.28	0.1135	A	0.6
5	☐	1250.000	1273.754	7847944.47	0.2298	A	1.4
6	☐	2500.000	2457.586	15817862.26	0.4433	A	1.4
7	☐	5000.000	5014.560	31950406.47	0.9046	A	1.2
8	☐			11935.11	0.0004	P	27.9

$$y = 1.8039E-004 * x + 2.6667E-006$$

$$R = 0.9999$$

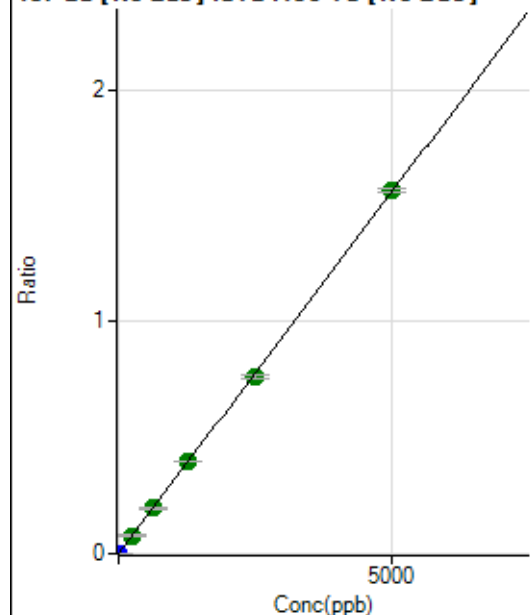
$$DL = 0.009623$$

$$BEC = 0.01478$$

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	203.34	0.0000	P	24.0
2	☐	10.000	10.433	110350.71	0.0033	P	2.4
3	☐	250.000	251.882	2692825.97	0.0785	A	1.2
4	☐	625.000	627.150	6783870.04	0.1955	A	1.0
5	☐	1250.000	1277.533	13604614.80	0.3983	A	1.4
6	☐	2500.000	2447.076	27222145.15	0.7630	A	1.5
7	☐	5000.000	5019.215	55274268.62	1.5649	A	1.0
8	☐			20644.08	0.0008	P	30.7

$$y = 3.1178E-004 * x + 6.2572E-006$$

$$R = 0.9999$$

$$DL = 0.01444$$

$$BEC = 0.02007$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.55		P	44.6
2	☐			24.44		P	20.8
3	☐			86.67		P	13.9
4	☐			221.11		P	5.3
5	☐			377.79		P	9.7
6	☐			722.25		P	4.6
7	☐			1390.09		P	1.6
8	☐			502.24		P	4.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			4.45		P	86.6
3	☐			24.44		P	78.7
4	☐			48.89		P	17.2
5	☐			96.67		P	3.5
6	☐			147.78		P	9.4
7	☐			288.89		P	17.4
8	☐			316.68		P	8.4

156 Dy [No Gas] No available calibration points

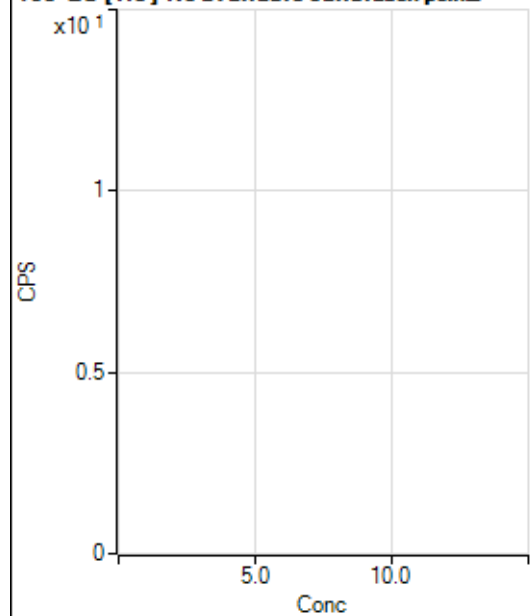
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	27.0
2	☐			18.89		P	20.4
3	☐			33.33		P	26.5
4	☐			64.44		P	28.5
5	☐			137.78		P	17.0
6	☐			252.23		P	9.4
7	☐			573.45		P	33.3
8	☐			775.58		P	7.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	88.2
2	☐			18.89		P	73.5
3	☐			68.89		P	20.1
4	☐			164.45		P	18.7
5	☐			311.12		P	8.0
6	☐			646.69		P	1.0
7	☐			1297.85		P	5.9
8	☐			572.24		P	8.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			170.01		P	12.2
2	☐			184.45		P	6.3
3	☐			210.00		P	5.7
4	☐			202.22		P	17.5
5	☐			221.11		P	12.2
6	☐			301.12		P	8.3
7	☐			412.23		P	3.3
8	☐			870.04		P	5.9

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1192.28		P	7.9
2	☐			1096.72		P	9.8
3	☐			1143.39		P	6.5
4	☐			1214.51		P	4.1
5	☐			1252.29		P	2.5
6	☐			1240.07		P	11.9
7	☐			1336.75		P	2.8
8	☐			1656.78		P	4.0

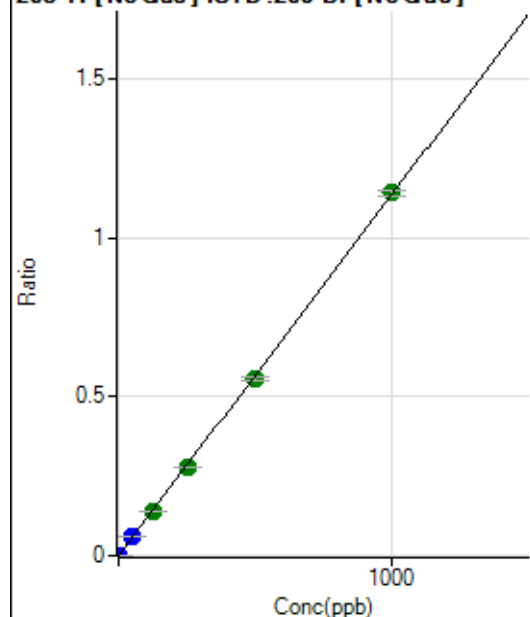
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			105.56		P	42.1
2	☐			137.78		P	11.9
3	☐			157.78		P	12.7
4	☐			197.78		P	15.6
5	☐			222.23		P	8.3
6	☐			274.45		P	9.4
7	☐			440.01		P	3.5
8	☐			952.27		P	4.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	18.5
2	☐			83.33		P	12.0
3	☐			96.67		P	33.3
4	☐			116.67		P	10.3
5	☐			123.34		P	9.4
6	☐			186.67		P	6.4
7	☐			243.34		P	15.6
8	☐			617.80		P	4.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292.23	0.0000	P	16.3
2	☐	1.000	1.029	22114.69	0.0012	P	2.1
3	☐	50.000	50.907	1091510.62	0.0578	P	0.4
4	☐	125.000	121.457	2648810.50	0.1379	A	0.8
5	☐	250.000	247.400	5308927.90	0.2809	A	0.2
6	☐	500.000	491.449	10743126.72	0.5579	A	1.9
7	☐	1000.000	1005.323	21358171.76	1.1413	A	1.4
8	☐			1624.57	0.0001	P	50.0

$$y = 0.0011 * x + 1.6004E-005$$

$$R = 0.9999$$

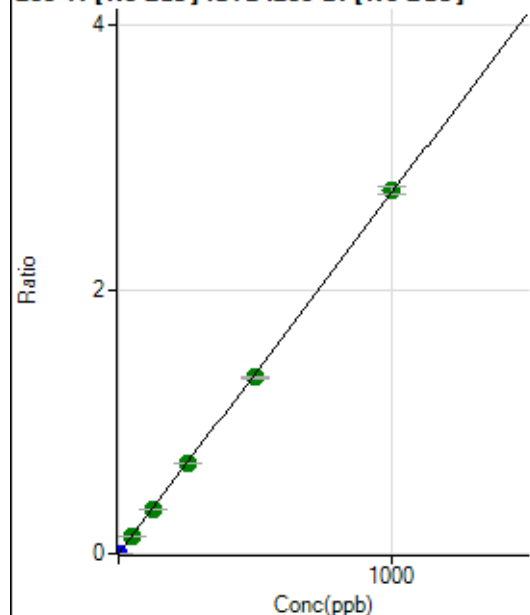
$$DL = 0.006897$$

$$BEC = 0.0141$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	626.69	0.0000	P	6.2
2	☐	1.000	1.018	52507.52	0.0028	P	2.1
3	☐	50.000	48.826	2515941.75	0.1332	A	1.3
4	☐	125.000	121.584	6372066.22	0.3317	A	0.7
5	☐	250.000	248.855	12833596.34	0.6790	A	0.5
6	☐	500.000	489.258	25704422.39	1.3348	A	1.4
7	☐	1000.000	1006.143	51366494.24	2.7450	A	2.1
8	☐			4025.11	0.0003	P	48.2

$$y = 0.0027 * x + 3.4328E-005$$

$$R = 0.9999$$

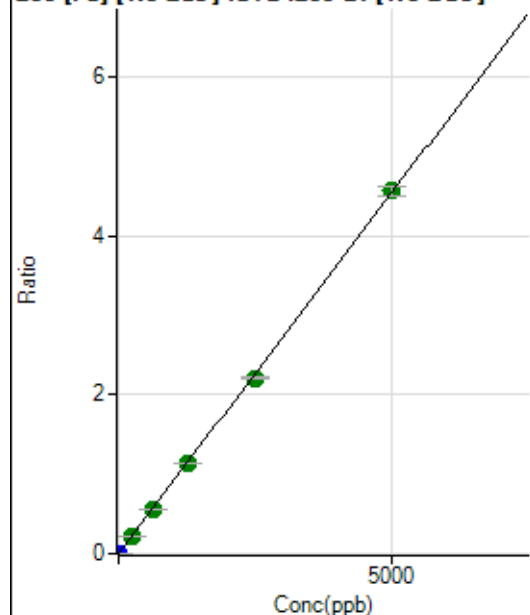
$$DL = 0.002343$$

$$BEC = 0.01258$$

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	758.92	0.0000	P	12.0
2	☐	1.000	1.037	18356.91	0.0010	P	3.1
3	☐	250.000	246.908	4233483.13	0.2242	A	0.8
4	☐	625.000	606.726	10581058.10	0.5509	A	0.6
5	☐	1250.000	1243.284	21335787.32	1.1288	A	0.3
6	☐	2500.000	2441.088	42674696.58	2.2162	A	2.0
7	☐	5000.000	5033.574	85511344.84	4.5698	A	2.3
8	☐			13860.63	0.0010	P	35.3

$$y = 9.0786E-004 * x + 4.1596E-005$$

$$R = 0.9999$$

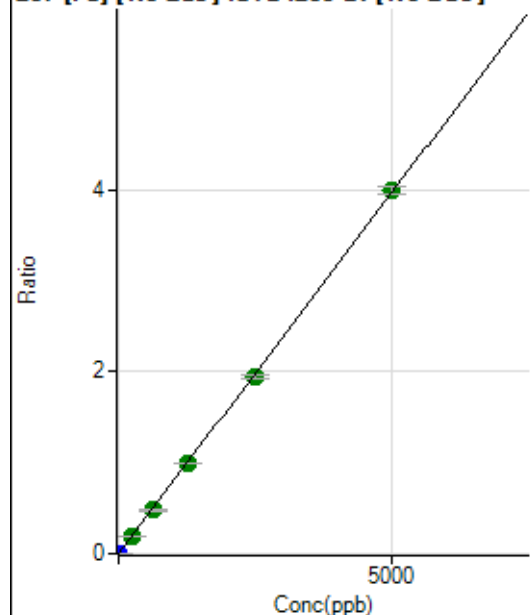
$$DL = 0.01643$$

$$BEC = 0.04582$$

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	626.69	0.0000	P	9.0
2	☐	1.000	1.038	16001.73	0.0009	P	1.1
3	☐	250.000	248.785	3725160.05	0.1973	A	0.3
4	☐	625.000	603.619	9192869.93	0.4786	A	1.4
5	☐	1250.000	1244.359	18648992.08	0.9866	A	0.6
6	☐	2500.000	2447.217	37361508.61	1.9403	A	2.3
7	☐	5000.000	5030.535	74633801.11	3.9885	A	2.3
8	☐			12087.87	0.0009	P	38.2

$$y = 7.9285E-004 * x + 3.4340E-005$$

$$R = 0.9999$$

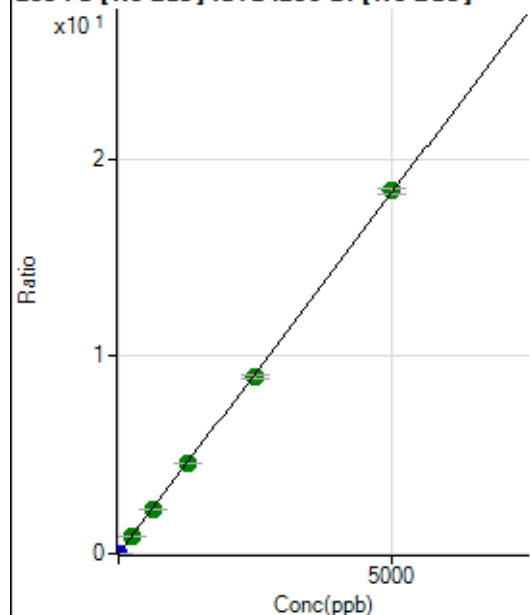
$$DL = 0.01176$$

$$BEC = 0.04331$$

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	2967.94	0.0002	P	6.4
2	☐	1.000	1.033	73492.70	0.0039	P	1.4
3	☐	250.000	248.361	17132277.21	0.9073	A	0.7
4	☐	625.000	607.648	42633554.64	2.2196	A	0.8
5	☐	1250.000	1249.622	86275870.94	4.5644	A	0.4
6	☐	2500.000	2445.887	172026758.27	8.9338	A	2.1
7	☐	5000.000	5029.402	343763560.99	18.3702	A	1.8
8	☐			55690.68	0.0042	P	36.1

$$y = 0.0037 * x + 1.6263E-004$$

$$R = 0.9999$$

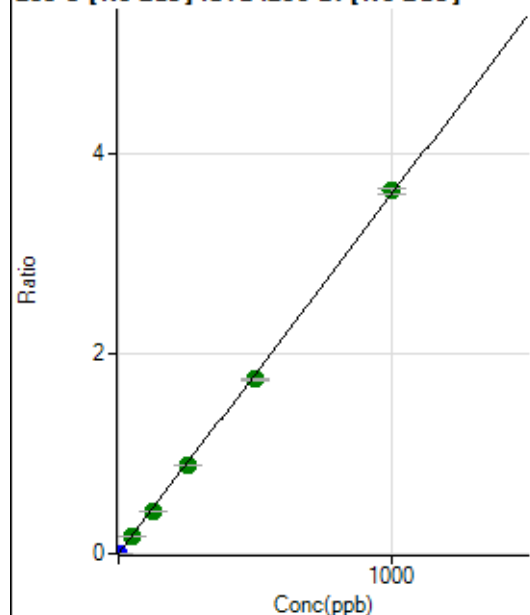
$$DL = 0.008494$$

$$BEC = 0.04452$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	57.78	0.0000	P	32.2
2	☐	1.000	0.979	65646.30	0.0035	P	2.4
3	☐	50.000	47.570	3222568.39	0.1707	A	0.9
4	☐	125.000	118.678	8178301.47	0.4258	A	1.0
5	☐	250.000	244.855	16604476.28	0.8785	A	0.7
6	☐	500.000	484.737	33488384.22	1.7391	A	1.7
7	☐	1000.000	1009.830	67796315.65	3.6229	A	1.9
8	☐			3309.59	0.0003	P	83.1

$$y = 0.0036 * x + 3.1688E-006$$

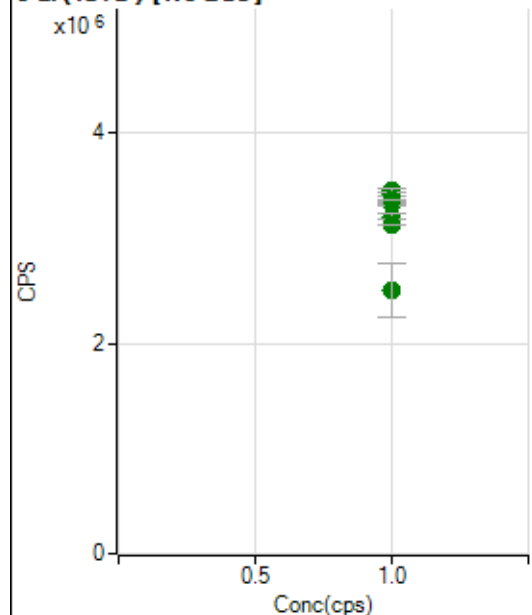
$$R = 0.9998$$

$$DL = 0.0008524$$

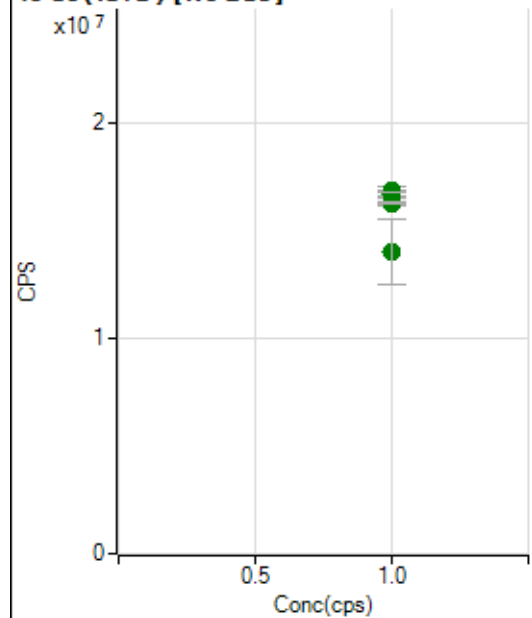
$$BEC = 0.0008832$$

Weight: <None>

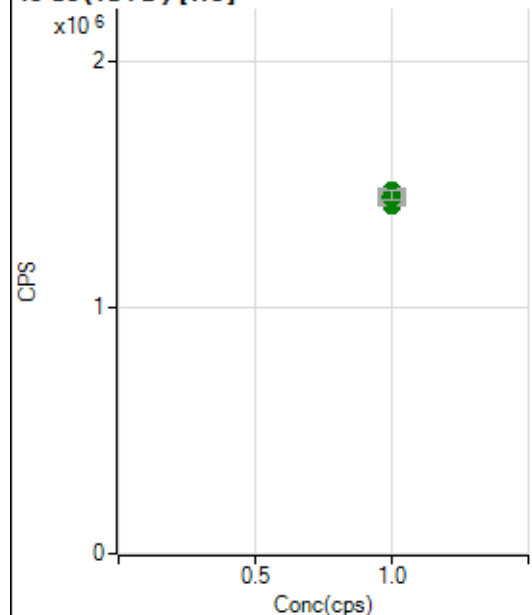
Min Conc: 0

6 Li (ISTD) [No Gas]

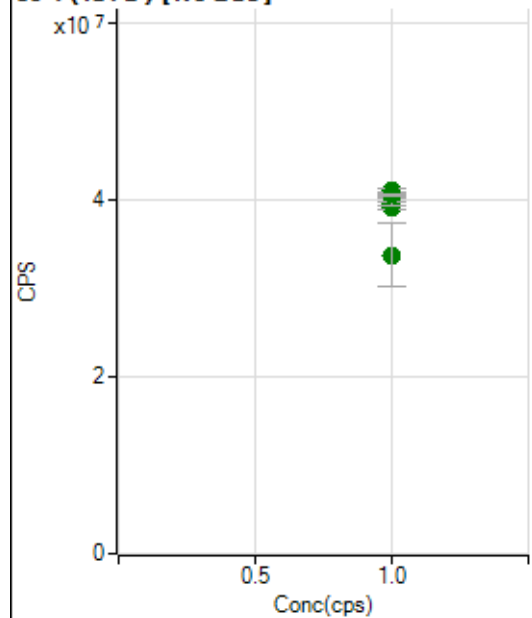
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3208226.26		A	1.9
2	☐	1.000		3376215.93		A	1.4
3	☐	1.000		3416452.97		A	1.2
4	☐	1.000		3452537.89		A	1.0
5	☐	1.000		3326365.15		A	0.3
6	☐	1.000		3371558.81		A	0.3
7	☐	1.000		3128899.26		A	0.4
8	☐	1.000		2510182.02		A	20.8

45 Sc (ISTD) [No Gas]

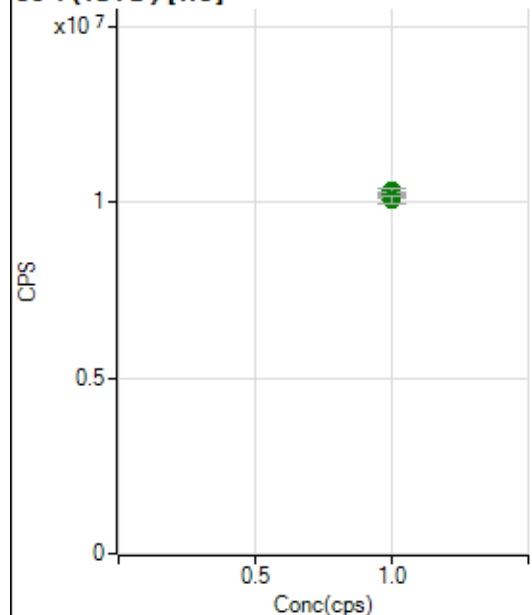
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16308526.01		A	0.6
2	☐	1.000		16844388.64		A	2.5
3	☐	1.000		16845925.30		A	0.4
4	☐	1.000		16827539.33		A	0.8
5	☐	1.000		16264307.12		A	1.0
6	☐	1.000		16667172.39		A	1.3
7	☐	1.000		16309778.09		A	0.4
8	☐	1.000		14036898.82		A	21.6

45 Sc (ISTD) [He]

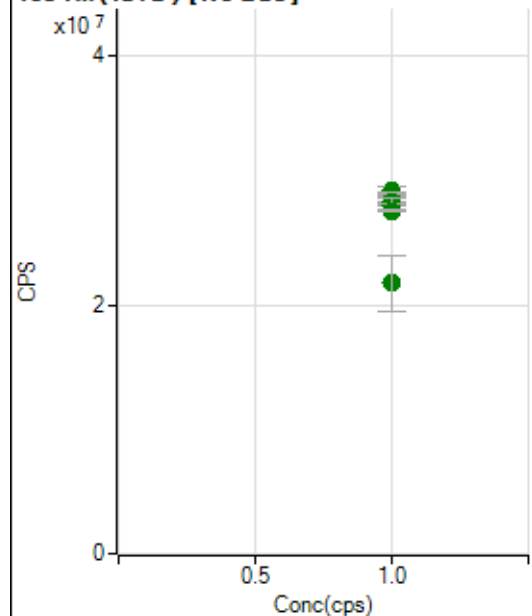
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1447857.24		A	0.7
2	☐	1.000		1440334.23		A	1.4
3	☐	1.000		1439649.42		A	0.5
4	☐	1.000		1441218.12		A	2.0
5	☐	1.000		1412023.31		A	0.6
6	☐	1.000		1441050.81		A	1.3
7	☐	1.000		1471191.54		A	1.1
8	☐	1.000		1454216.35		A	2.6

89 Y (ISTD) [No Gas]

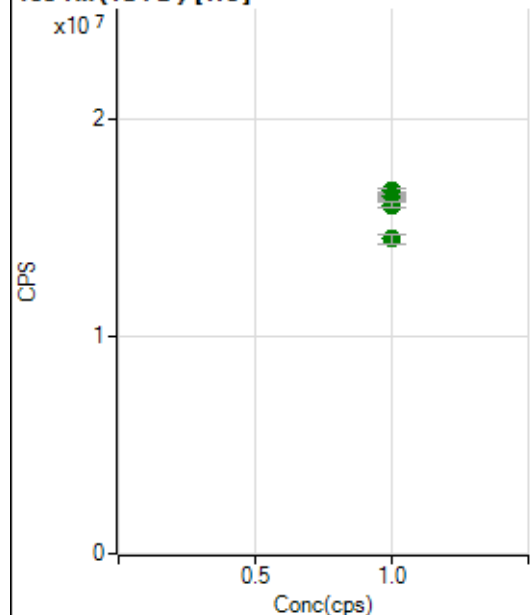
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		39085529.14		A	1.0
2	☐	1.000		40307200.79		A	3.1
3	☐	1.000		40348238.84		A	0.4
4	☐	1.000		40604928.28		A	0.7
5	☐	1.000		39561241.91		A	1.5
6	☐	1.000		40997634.11		A	1.8
7	☐	1.000		40538434.40		A	0.6
8	☐	1.000		33744505.05		A	21.0

89 Y (ISTD) [He]

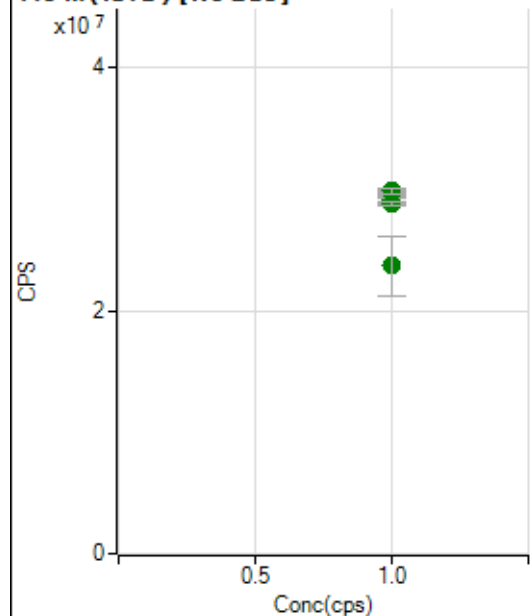
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10189896.51		A	0.4
2	☐	1.000		10155662.28		A	0.7
3	☐	1.000		10226999.85		A	0.3
4	☐	1.000		10255071.79		A	0.8
5	☐	1.000		10178327.56		A	0.6
6	☐	1.000		10253675.40		A	1.2
7	☐	1.000		10325713.67		A	1.0
8	☐	1.000		10069147.49		A	1.9

103 Rh (ISTD) [No Gas]

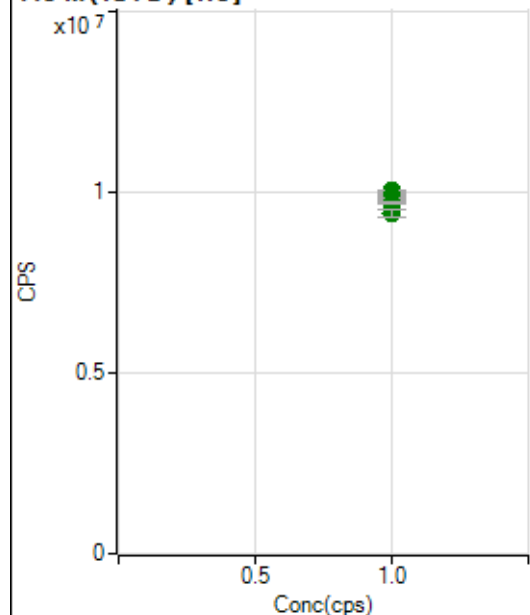
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28122564.30		A	0.9
2	☐	1.000		29183224.29		A	2.8
3	☐	1.000		28993989.57		A	0.7
4	☐	1.000		29025969.57		A	0.5
5	☐	1.000		27936254.03		A	1.5
6	☐	1.000		28366550.13		A	1.5
7	☐	1.000		27587704.59		A	0.5
8	☐	1.000		21751799.40		A	20.8

103 Rh (ISTD) [He]

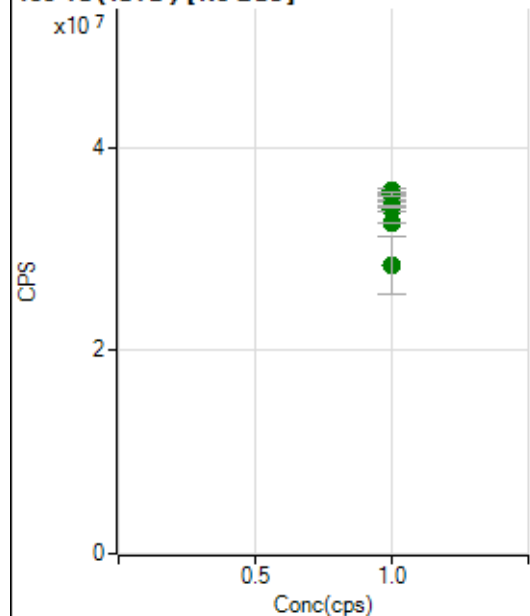
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16576831.56		A	0.6
2	☐	1.000		16556730.59		A	1.5
3	☐	1.000		16731987.67		A	1.0
4	☐	1.000		16491451.84		A	0.9
5	☐	1.000		16512704.61		A	1.1
6	☐	1.000		16314171.42		A	0.0
7	☐	1.000		16095923.09		A	1.1
8	☐	1.000		14500579.64		A	2.9

115 In (ISTD) [No Gas]

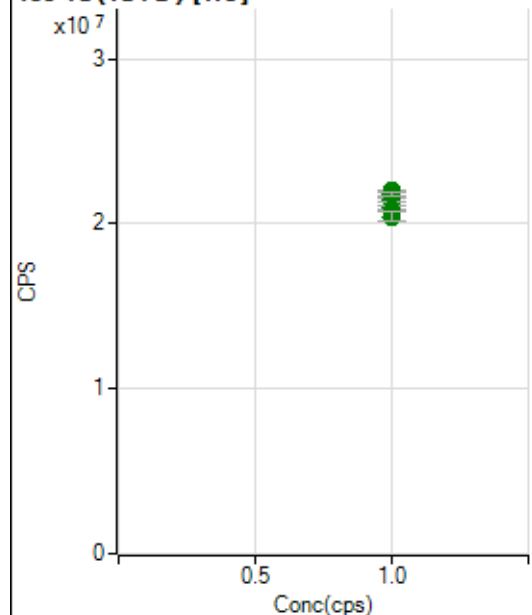
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28726340.90		A	0.4
2	☐	1.000		29624538.26		A	1.9
3	☐	1.000		29564531.09		A	0.6
4	☐	1.000		29846341.44		A	0.4
5	☐	1.000		29067192.45		A	1.3
6	☐	1.000		29838400.77		A	1.4
7	☐	1.000		28821248.11		A	0.8
8	☐	1.000		23660814.17		A	20.5

115 In (ISTD) [He]

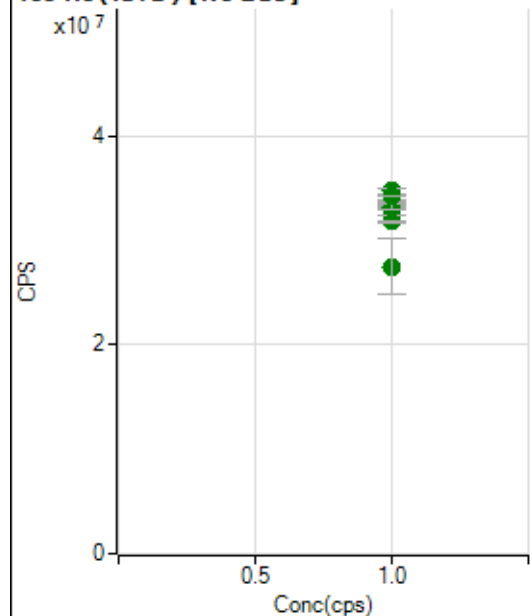
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9921255.88		A	1.2
2	☐	1.000		9907232.24		A	1.2
3	☐	1.000		10039649.70		A	0.3
4	☐	1.000		9877492.86		A	0.8
5	☐	1.000		9846048.01		A	0.5
6	☐	1.000		9836135.47		A	0.4
7	☐	1.000		9701853.06		A	0.9
8	☐	1.000		9411353.20		A	2.4

159 Tb (ISTD) [No Gas]

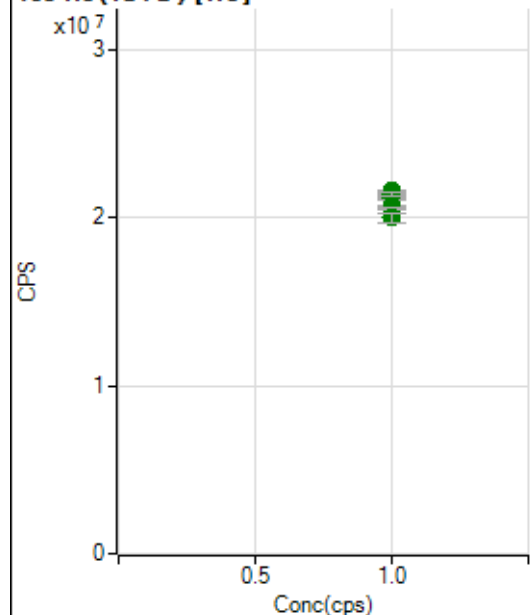
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		32513119.24		A	0.3
2	☐	1.000		33869457.00		A	1.6
3	☐	1.000		34289054.21		A	1.5
4	☐	1.000		34693735.32		A	0.4
5	☐	1.000		34156288.38		A	0.6
6	☐	1.000		35683815.86		A	1.4
7	☐	1.000		35322698.36		A	0.9
8	☐	1.000		28381446.24		A	20.3

159 Tb (ISTD) [He]

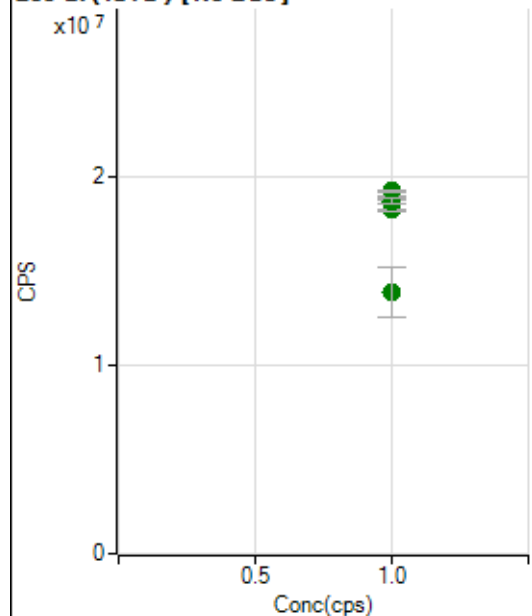
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20985262.47		A	0.8
2	☐	1.000		21078264.97		A	0.2
3	☐	1.000		21505498.01		A	1.3
4	☐	1.000		21766323.01		A	2.0
5	☐	1.000		21998237.73		A	0.7
6	☐	1.000		21962799.12		A	0.3
7	☐	1.000		21769471.62		A	0.9
8	☐	1.000		20462498.31		A	2.5

165 Ho (ISTD) [No Gas]

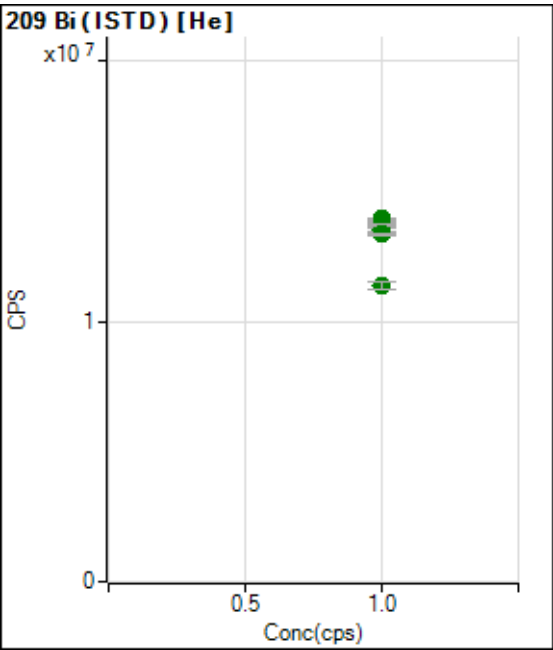
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		31779012.58		A	0.3
2	☐	1.000		32916195.34		A	2.7
3	☐	1.000		33252208.67		A	0.2
4	☐	1.000		33803674.22		A	0.4
5	☐	1.000		33223568.95		A	1.3
6	☐	1.000		34740245.87		A	1.8
7	☐	1.000		34270991.71		A	0.2
8	☐	1.000		27523299.03		A	19.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20579938.03		A	1.1
2	☐	1.000		20541481.22		A	0.5
3	☐	1.000		21211857.19		A	0.4
4	☐	1.000		21250497.74		A	1.5
5	☐	1.000		21616615.23		A	0.3
6	☐	1.000		21570578.29		A	0.5
7	☐	1.000		21469233.57		A	1.0
8	☐	1.000		19998497.34		A	3.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18252616.26		A	0.6
2	☐	1.000		18671277.50		A	1.4
3	☐	1.000		18882387.50		A	0.3
4	☐	1.000		19208407.22		A	0.7
5	☐	1.000		18901950.83		A	0.4
6	☐	1.000		19257891.24		A	0.8
7	☐	1.000		18717015.28		A	1.7
8	☐	1.000		13924844.03		A	19.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13529201.05		A	1.4
2	☐	1.000		13594564.94		A	0.4
3	☐	1.000		13927695.63		A	0.3
4	☐	1.000		13700893.13		A	1.8
5	☐	1.000		13853701.74		A	0.6
6	☐	1.000		13707636.32		A	0.8
7	☐	1.000		13330724.11		A	0.6
8	☐	1.000		11342768.93		A	2.7