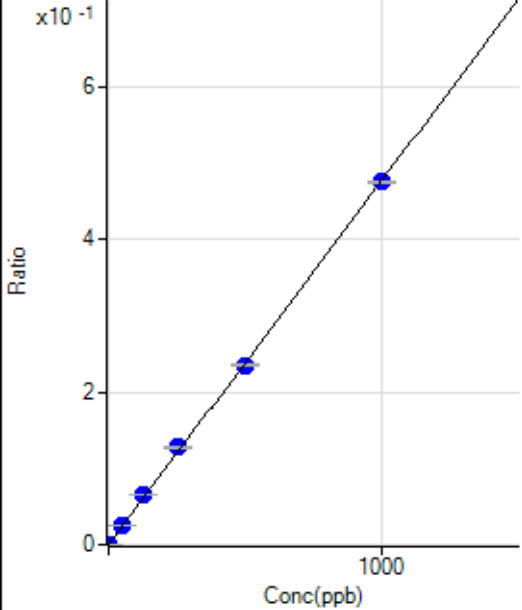


Calibration for 009CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100424-MS5.b\
 Analysis File: P7100424-MS5.batch.bin
 DA Date-Time: 2024-10-06 22:24:56
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-04 11:21:39
2	005CALS.d	S02	2024-10-04 11:24:57
3	006CALS.d	S03	2024-10-04 11:28:15
4	007CALS.d	S04	2024-10-04 11:31:23
5	008CALS.d	S05	2024-10-04 11:34:23
6	009CALS.d	S06	2024-10-04 11:37:14
7	010CALS.d	S07	2024-10-04 11:40:04
8	011CALS.d	S08	2024-10-04 11:42:49

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0000	P	32.
2	☐	1.000	1.185	1200.06	0.0006	P	5.5
3	☐	50.000	52.625	53403.43	0.0251	P	1.2
4	☐	125.000	136.746	140415.99	0.0652	P	0.8
5	☐	250.000	267.249	278075.84	0.1274	P	0.9
6	☐	500.000	492.991	528337.66	0.2351	P	0.6
7	☐	1000.000	997.593	1045878.59	0.4757	P	0.6
8	☐			242.23	0.0001	P	28.

$y = 4.7679E-004 * x + 1.4543E-005$

R = 0.9998

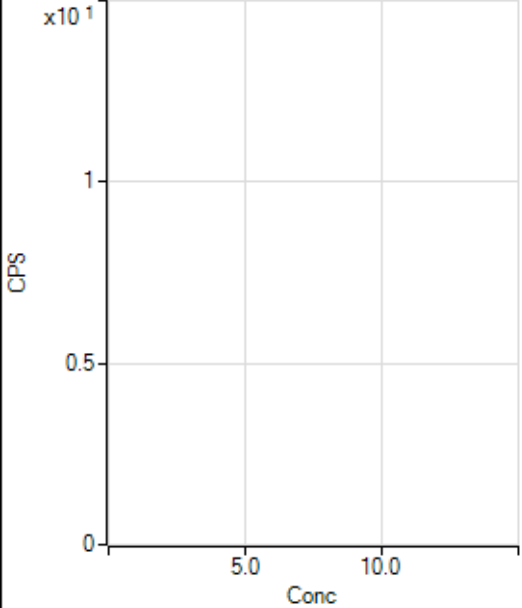
DL = 0.02985

BEC = 0.0305

Weight: <None>

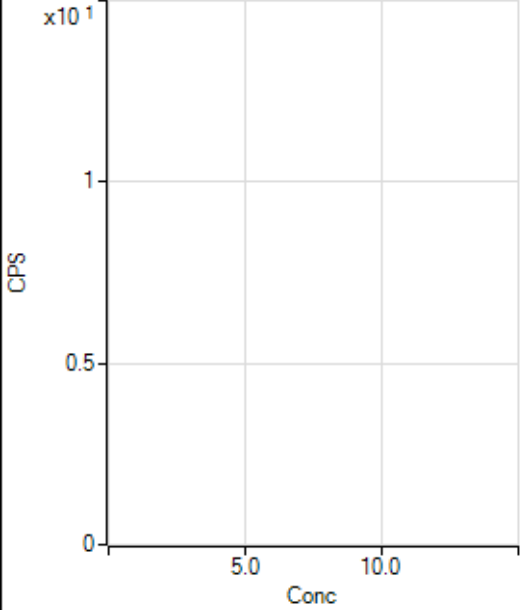
Min Conc: 0

12 C [No Gas] No available calibration points



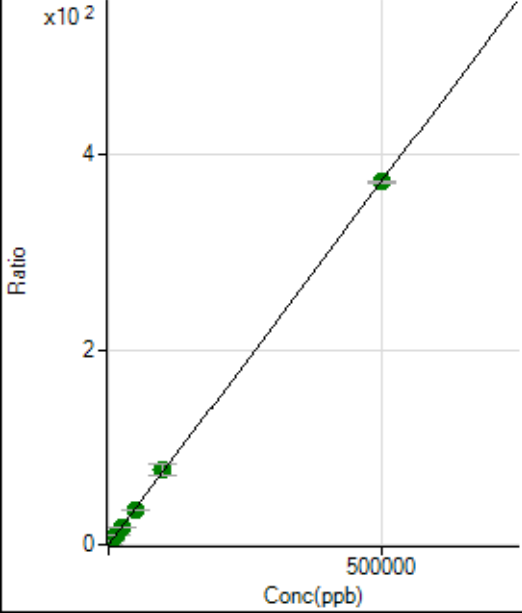
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points



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

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5170.91	0.0127	P	1.0
2	☐	500.000	546.412	169077.79	0.4198	P	0.9
3	☐	5000.000	4884.617	1514311.45	3.6516	A	1.2
4	☐	12500.000	12650.065	4046719.56	9.4366	A	2.0
5	☐	25000.000	24828.448	7907208.07	18.5091	A	2.0
6	☐	50000.000	48225.491	14983513.39	35.9392	A	1.4
7	☐	100000.00	103814.63	30853265.37	77.3513	A	14.
8	☐	500000.00	499420.45	155914277.6	372.0652	A	0.7

$y = 7.4497E-004 * x + 0.0127$

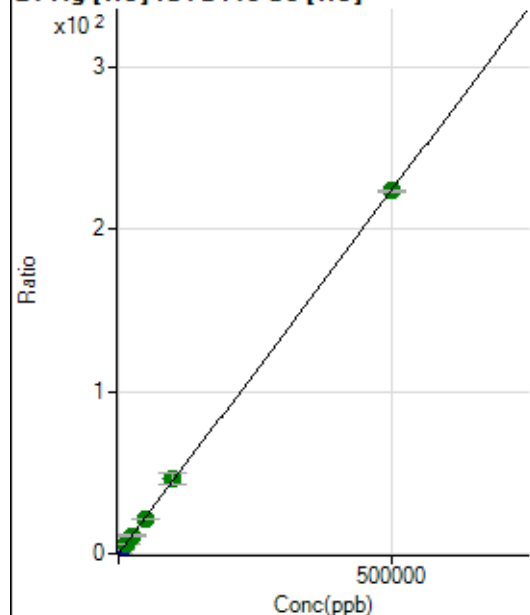
R = 1.0000

DL = 0.5346

BEC = 17.05

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.59	0.0022	P	11.
2	☐	500.000	584.776	106246.69	0.2638	P	0.9
3	☐	5000.000	5140.785	954695.64	2.3021	P	1.0
4	☐	12500.000	12760.828	2449354.53	5.7112	A	1.3
5	☐	25000.000	24873.184	4754360.21	11.1302	A	2.8
6	☐	50000.000	48178.895	8987436.95	21.5570	A	1.5
7	☐	100000.00	103556.25	18474386.67	46.3324	A	14.
8	☐	500000.00	499469.18	93641927.49	223.4606	A	0.5

$$y = 4.4739\text{E-}004 * x + 0.0022$$

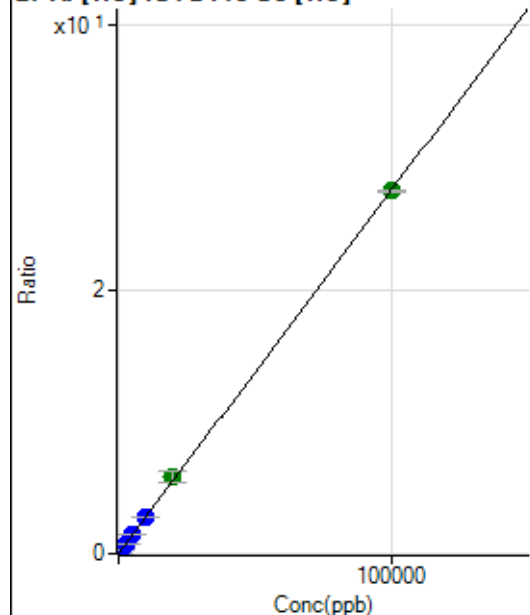
$$R = 1.0000$$

$$DL = 1.695$$

$$BEC = 4.808$$

Weight: <None>

Min Conc: 0

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

	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0002	P	23.
2	☐	20.000	20.293	2320.20	0.0058	P	2.0
3	☐	1000.000	1025.458	117109.85	0.2824	P	0.9
4	☐	2500.000	2634.963	311068.04	0.7254	P	1.4
5	☐	5000.000	5200.294	611532.06	1.4314	P	1.5
6	☐	10000.000	9949.669	1141701.23	2.7385	P	0.7
7	☐	20000.000	20994.646	2303135.14	5.7782	A	14.
8	☐	100000.00	99792.460	11508980.11	27.4644	A	0.7

$$y = 2.7521\text{E-}004 * x + 1.7459\text{E-}004$$

$$R = 0.9999$$

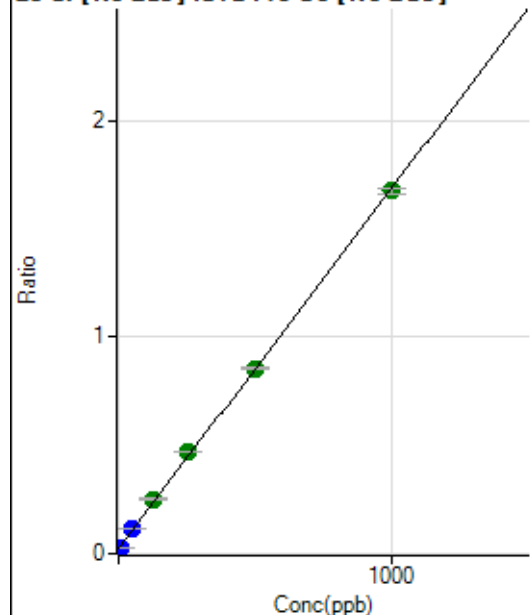
$$DL = 0.4368$$

$$BEC = 0.6344$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118730.65	0.0227	P	1.1
2	☐	10.000	1.621	130207.77	0.0254	P	1.3
3	☐	50.000	53.722	582368.57	0.1122	P	0.6
4	☐	125.000	138.262	1347636.24	0.2530	A	0.8
5	☐	250.000	270.138	2554940.01	0.4727	A	1.1
6	☐	500.000	500.264	4629816.91	0.8560	A	1.0
7	☐	1000.000	993.073	8962912.44	1.6768	A	1.3
8	☐			196175.83	0.0364	P	2.1

$$y = 0.0017 * x + 0.0227$$

R = 0.9996

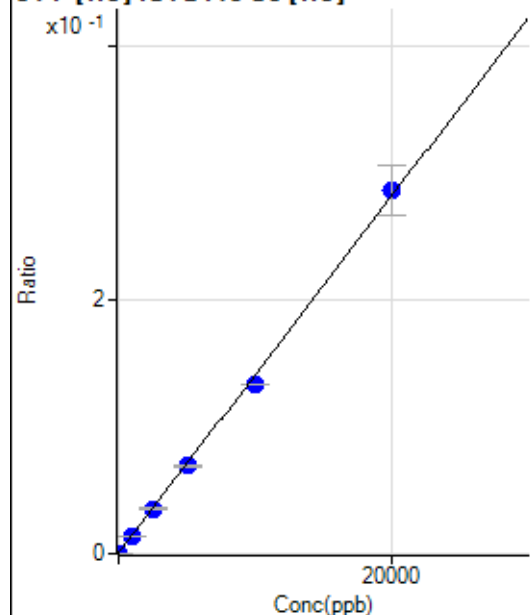
DL = 0.4494

BEC = 13.65

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.913	71.11	0.0002	P	52.
2	☐	0.000	16.913	262.23	0.0007	P	1.7
3	☐	1000.000	968.435	5823.38	0.0140	P	1.1
4	☐	2500.000	2493.653	15226.56	0.0355	P	1.9
5	☐	5000.000	4881.823	29525.18	0.0691	P	1.8
6	☐	10000.000	9464.536	55699.70	0.1336	P	0.5
7	☐	20000.000	20299.648	114147.99	0.2861	P	13.
8	☐			121.11	0.0003	P	16.

$$y = 1.4072E-005 * x + 4.1293E-004$$

R = 0.9995

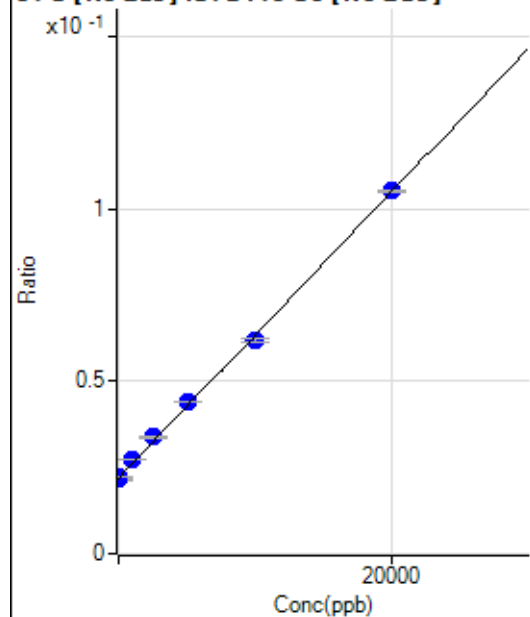
DL = 11.05

BEC = 29.34

Weight: <None>

Min Conc: 0

34 S [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-109.052	112370.41	0.0215	P	0.5
2	☐	0.000	109.052	114798.20	0.0224	P	1.2
3	☐	1000.000	1280.919	141694.14	0.0273	P	1.0
4	☐	2500.000	2852.103	180230.01	0.0338	P	0.4
5	☐	5000.000	5357.324	239206.49	0.0443	P	0.4
6	☐	10000.000	9600.981	334821.49	0.0619	P	1.5
7	☐	20000.000	20052.120	563199.30	0.1054	P	0.7
8	☐			113158.33	0.0210	P	3.7

$$y = 4.1587E-006 * x + 0.0220$$

R = 0.9993

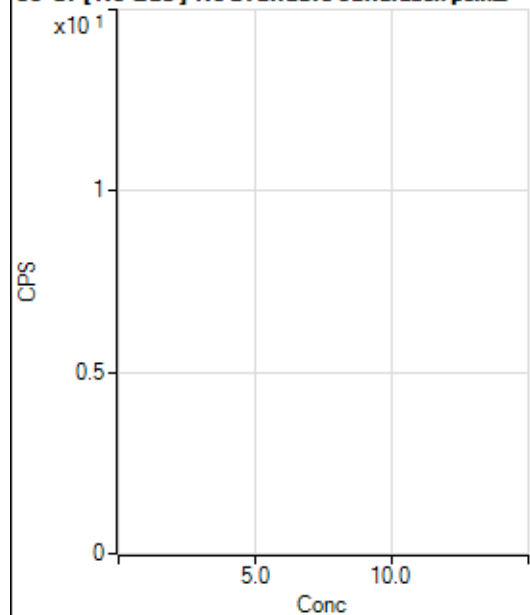
DL = 139

BEC = 5285

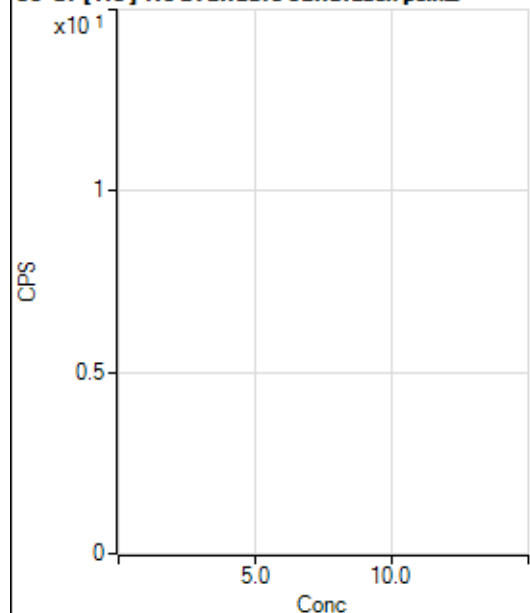
Weight: <None>

Min Conc: 0

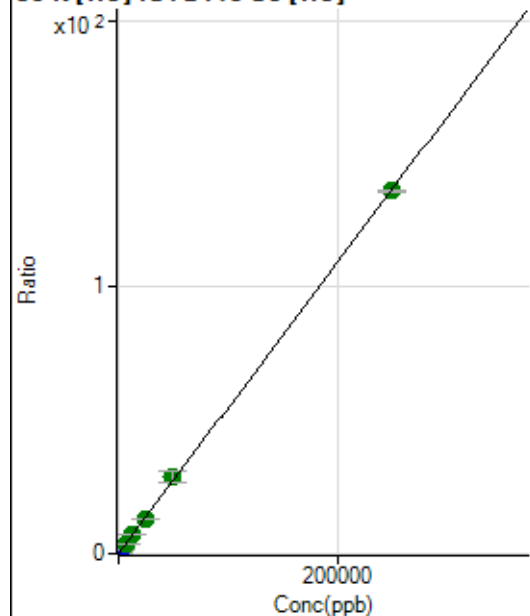
35 Cl [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

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

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25305.55	0.0622	P	2.4
2	☐	500.000	573.502	150940.75	0.3747	P	0.7
3	☐	2500.000	2683.929	632423.63	1.5250	P	1.1
4	☐	6250.000	6439.638	1531902.39	3.5720	A	1.3
5	☐	12500.000	12604.314	2961363.22	6.9320	A	2.2
6	☐	25000.000	24139.861	5511234.50	13.2194	A	1.3
7	☐	50000.000	52683.861	11470951.49	28.7771	A	14.
8	☐	250000.00	249537.29	57020791.93	136.0707	A	0.6

$$y = 5.4504\text{E-}004 * x + 0.0622$$

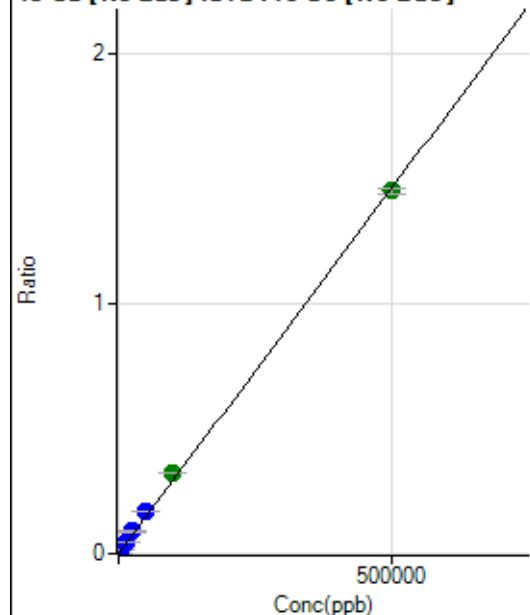
$$R = 0.9999$$

$$DL = 8.044$$

$$BEC = 114$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	126.67	0.0000	P	13.
2	☐	500.000	585.245	8879.34	0.0017	P	3.0
3	☐	5000.000	5884.351	89387.72	0.0172	P	0.7
4	☐	12500.000	15335.024	238858.27	0.0448	P	1.2
5	☐	25000.000	30278.317	478463.10	0.0885	P	0.7
6	☐	50000.000	57145.231	903566.95	0.1670	P	0.8
7	☐	100000.00	111253.89	1738169.56	0.3252	A	0.2
8	☐	500000.00	496690.97	7819281.27	1.4517	A	1.9

$$y = 2.9227E-006 * x + 2.4266E-005$$

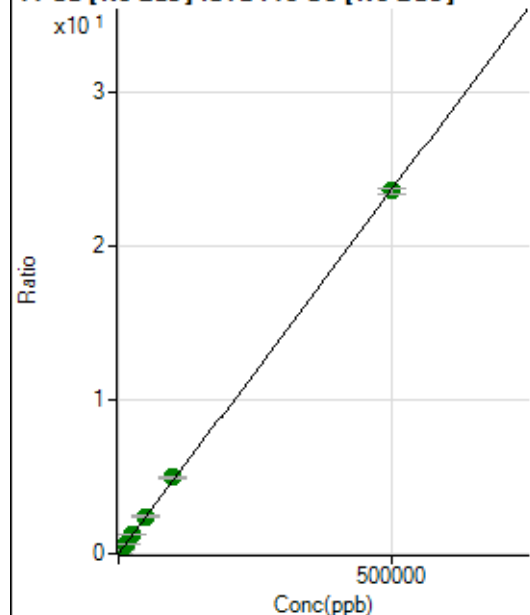
$$R = 0.9997$$

$$DL = 3.324$$

$$BEC = 8.303$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2834.75	0.0005	P	5.2
2	☐	500.000	583.502	143714.97	0.0281	P	0.9
3	☐	5000.000	5308.456	1303029.27	0.2511	A	0.1
4	☐	12500.000	13697.030	3446097.83	0.6470	A	0.7
5	☐	25000.000	27047.309	6902520.38	1.2771	A	0.1
6	☐	50000.000	51359.002	13113926.47	2.4245	A	1.2
7	☐	100000.00	104516.25	26369660.72	4.9333	A	0.7
8	☐	500000.00	498825.39	126816172.5	23.5430	A	1.6

$$y = 4.7196E-005 * x + 5.4294E-004$$

$$R = 1.0000$$

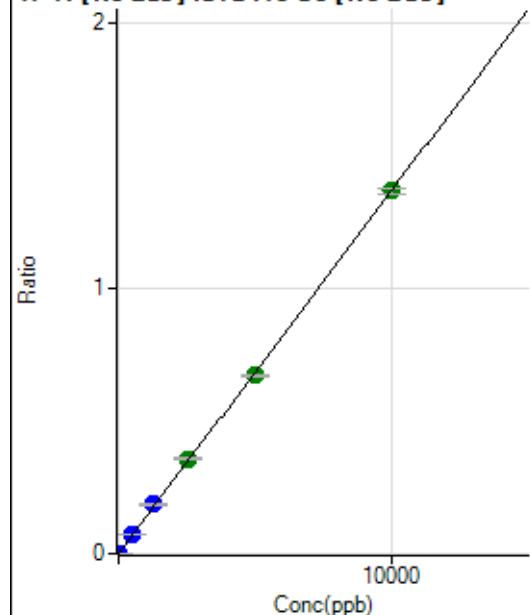
$$DL = 1.803$$

$$BEC = 11.5$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1145.61	0.0002	P	11.
2	☐	5.000	4.648	4380.68	0.0009	P	1.4
3	☐	500.000	520.645	371163.35	0.0715	P	0.6
4	☐	1250.000	1354.961	989570.92	0.1858	P	0.8
5	☐	2500.000	2614.823	1936802.65	0.3583	A	0.6
6	☐	5000.000	4916.629	3643244.46	0.6736	A	1.2
7	☐	10000.000	9998.827	7320874.61	1.3696	A	1.2
8	☐			1721.23	0.0003	P	2.8

$$y = 1.3696E-004 * x + 2.1943E-004$$

$$R = 0.9998$$

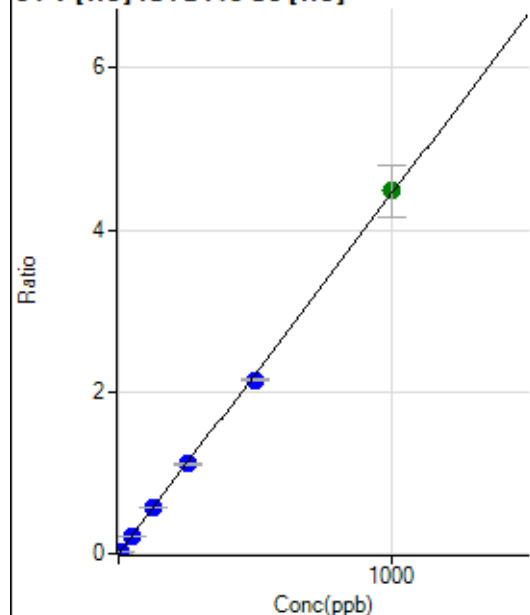
$$DL = 0.5288$$

$$BEC = 1.602$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.
2	☐	5.000	5.219	9338.53	0.0232	P	2.8
3	☐	50.000	49.606	91368.58	0.2203	P	1.3
4	☐	125.000	127.568	242980.29	0.5666	P	1.3
5	☐	250.000	250.570	475443.29	1.1129	P	1.7
6	☐	500.000	482.007	892502.66	2.1407	P	0.8
7	☐	1000.000	1008.551	1786647.40	4.4793	A	14.
8	☐			373.34	0.0009	P	5.8

$$y = 0.0044 * x + 1.0943E-005$$

$$R = 0.9998$$

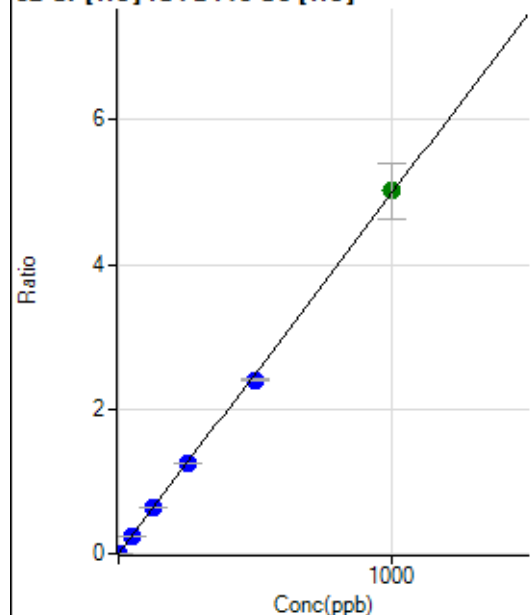
$$DL = 0.006402$$

$$BEC = 0.002464$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	392.23	0.0010	P	13.
2	☐	2.000	2.162	4721.89	0.0117	P	2.2
3	☐	50.000	50.114	103811.53	0.2503	P	1.0
4	☐	125.000	128.666	274969.19	0.6412	P	1.6
5	☐	250.000	250.823	533604.52	1.2490	P	1.8
6	☐	500.000	482.937	1002252.90	2.4040	P	0.9
7	☐	1000.000	1007.861	1999001.40	5.0159	A	15.
8	☐			7537.51	0.0180	P	0.5

$$y = 0.0050 * x + 9.6369E-004$$

$$R = 0.9998$$

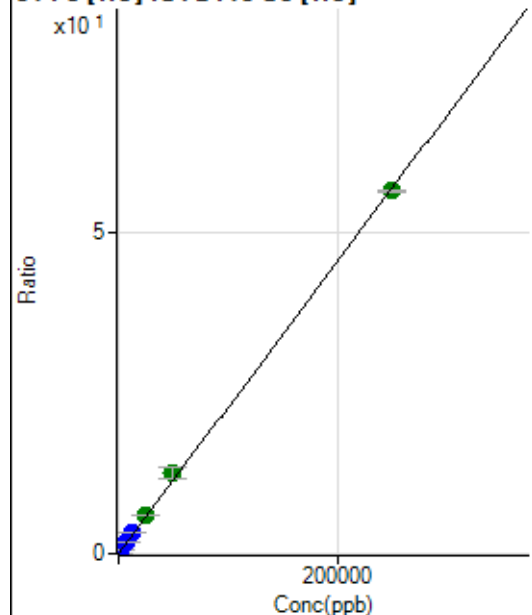
$$DL = 0.07939$$

$$BEC = 0.1937$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2007.93	0.0049	P	2.1
2	☐	50.000	59.119	7394.09	0.0184	P	2.0
3	☐	2500.000	2841.770	269688.06	0.6503	P	0.9
4	☐	6250.000	7355.619	718535.28	1.6754	P	1.1
5	☐	12500.000	14346.870	1394067.92	3.2632	P	2.0
6	☐	25000.000	26041.983	2467802.13	5.9193	A	0.7
7	☐	50000.000	55226.034	4996309.20	12.5472	A	16.
8	☐	250000.00	248727.19	23673618.81	56.4927	A	0.4

$$y = 2.2711E-004 * x + 0.0049$$

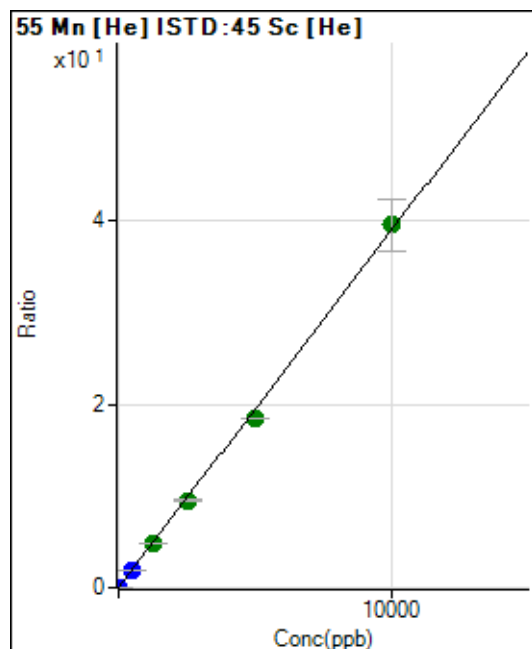
$$R = 0.9998$$

$$DL = 1.384$$

$$BEC = 21.71$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1064.49	0.0026	P	4.7
2	☐	1.000	0.975	2581.35	0.0064	P	2.0
3	☐	500.000	502.693	812630.52	1.9595	P	0.8
4	☐	1250.000	1243.680	2077369.33	4.8441	A	1.6
5	☐	2500.000	2441.087	4060963.52	9.5055	A	1.7
6	☐	5000.000	4731.425	7680218.71	18.4215	A	0.4
7	☐	10000.000	10149.671	15753836.99	39.5140	A	14.
8	☐			7772.07	0.0185	P	2.0

$$y = 0.0039 * x + 0.0026$$

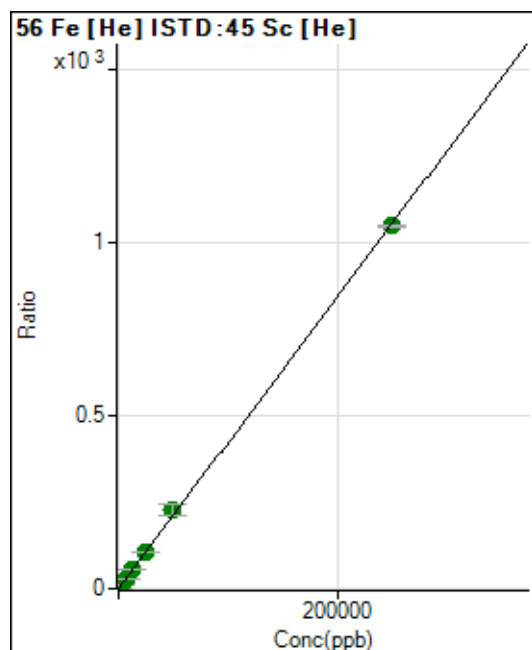
$$R = 0.9994$$

$$DL = 0.09373$$

$$BEC = 0.6715$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24978.59	0.0613	P	2.0
2	☐	50.000	56.855	120930.98	0.3002	P	0.6
3	☐	2500.000	2630.509	4608945.42	11.1135	A	0.3
4	☐	6250.000	6751.866	12192533.43	28.4296	A	0.8
5	☐	12500.000	13201.733	23723639.09	55.5289	A	1.6
6	☐	25000.000	25437.836	44584687.11	106.9393	A	0.8
7	☐	50000.000	54493.018	91304646.42	229.0157	A	14.
8	☐	250000.00	249008.67	438450269.0	1,046.280	A	0.5

$$y = 0.0042 * x + 0.0613$$

$$R = 0.9998$$

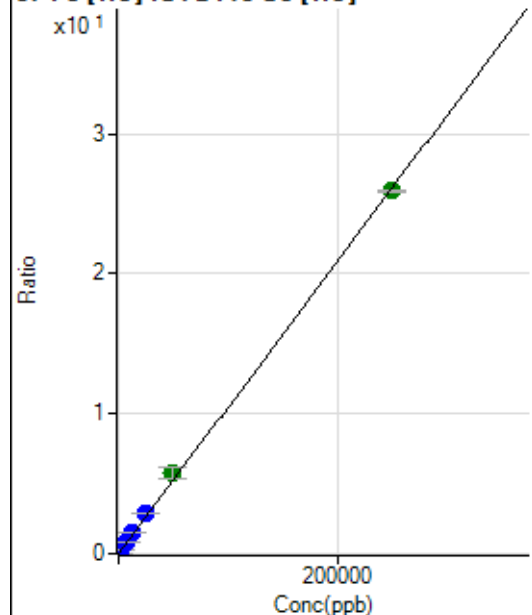
$$DL = 0.8577$$

$$BEC = 14.6$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	911.15	0.0022	P	12.
2	☐	50.000	58.312	3350.40	0.0083	P	0.7
3	☐	2500.000	2817.031	122746.92	0.2960	P	0.7
4	☐	6250.000	7255.136	325418.87	0.7588	P	0.6
5	☐	12500.000	14187.151	632987.47	1.4816	P	1.6
6	☐	25000.000	27248.700	1185542.06	2.8436	P	0.8
7	☐	50000.000	55023.962	2288216.11	5.7399	A	14.
8	☐	250000.00	248657.68	10866602.62	25.9311	A	0.5

$$y = 1.0428\text{E-}004 * x + 0.0022$$

R = 0.9998

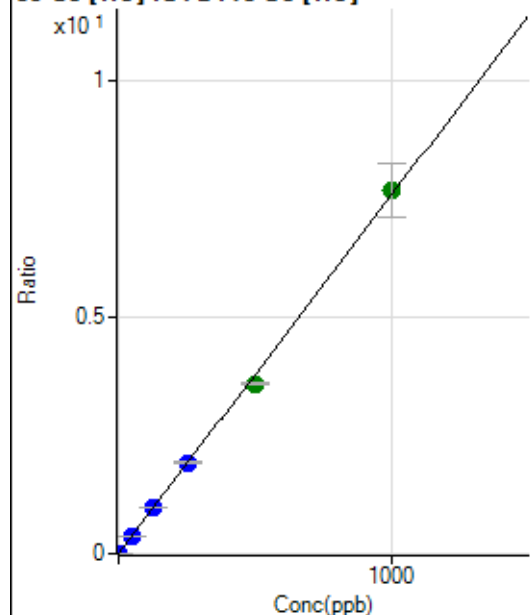
DL = 7.799

BEC = 21.46

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	314.45	0.0008	P	1.2
2	☐	1.000	1.178	3914.99	0.0097	P	0.8
3	☐	50.000	50.555	159568.81	0.3848	P	1.0
4	☐	125.000	129.728	422918.60	0.9862	P	1.4
5	☐	250.000	252.716	820406.85	1.9204	P	1.9
6	☐	500.000	474.152	1501823.90	3.6024	A	1.8
7	☐	1000.000	1011.626	3063448.95	7.6850	A	14.
8	☐			8172.29	0.0195	P	0.8

$$y = 0.0076 * x + 7.7223\text{E-}004$$

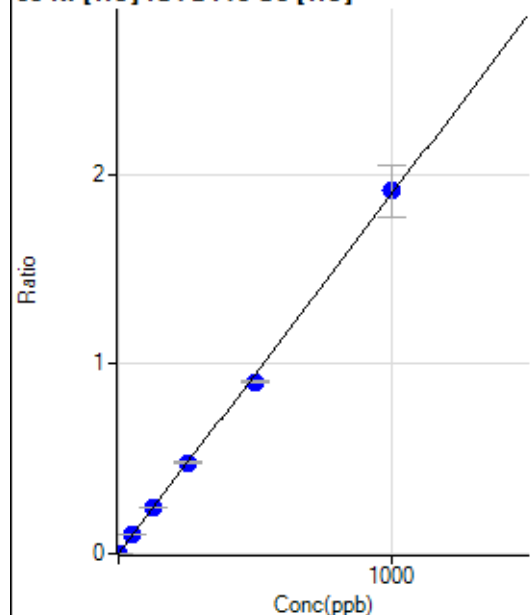
R = 0.9995

DL = 0.003613

BEC = 0.1017

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	171.12	0.0004	P	13.
2	☐	1.000	1.231	1110.05	0.0028	P	5.4
3	☐	50.000	51.344	40541.33	0.0978	P	0.9
4	☐	125.000	129.324	105319.56	0.2456	P	0.9
5	☐	250.000	253.447	205437.07	0.4809	P	1.9
6	☐	500.000	477.433	377506.66	0.9055	P	0.7
7	☐	1000.000	1009.814	763558.38	1.9147	P	14.
8	☐			3863.88	0.0092	P	0.7

$$y = 0.0019 * x + 4.2016E-004$$

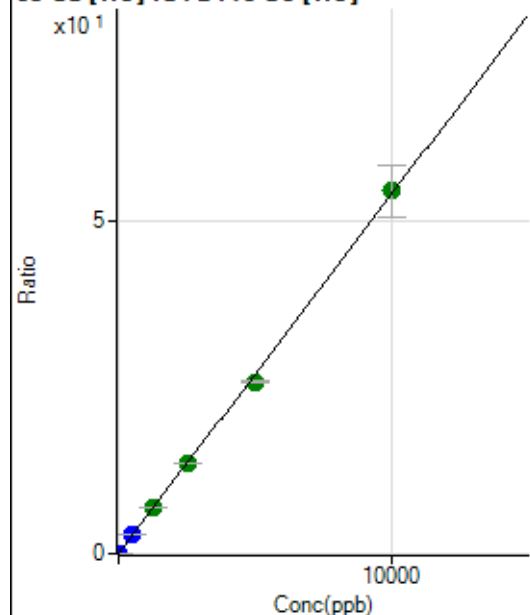
$$R = 0.9996$$

$$DL = 0.08671$$

$$BEC = 0.2216$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	518.90	0.0013	P	5.5
2	☐	2.000	2.100	5083.13	0.0126	P	2.5
3	☐	500.000	512.349	1148128.78	2.7685	P	0.7
4	☐	1250.000	1297.571	3006296.24	7.0096	A	1.0
5	☐	2500.000	2518.556	5812228.17	13.6042	A	1.6
6	☐	5000.000	4785.239	10775512.62	25.8467	A	1.2
7	☐	10000.000	10096.178	21745081.62	54.5316	A	14.
8	☐			4428.47	0.0106	P	4.9

$$y = 0.0054 * x + 0.0013$$

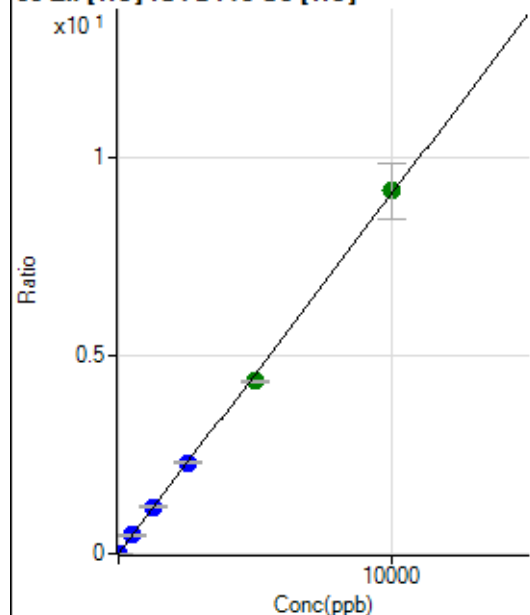
$$R = 0.9996$$

$$DL = 0.03906$$

$$BEC = 0.236$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	251.12	0.0006	P	3.9
2	☐	5.000	5.179	2145.73	0.0053	P	1.8
3	☐	500.000	510.672	192888.03	0.4651	P	1.5
4	☐	1250.000	1303.205	508639.91	1.1860	P	1.3
5	☐	2500.000	2537.341	986239.19	2.3086	P	2.2
6	☐	5000.000	4793.437	1818023.29	4.3608	A	1.7
7	☐	10000.000	10086.762	3656979.67	9.1758	A	15.
8	☐			2214.63	0.0053	P	2.7

$$y = 9.0962\text{E-}004 * x + 6.1665\text{E-}004$$

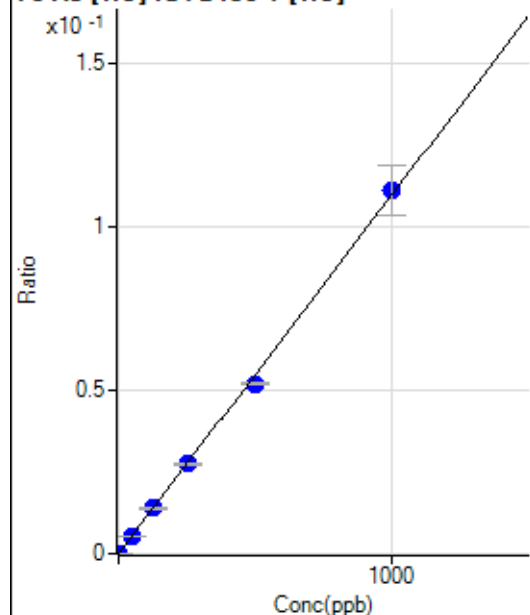
$$R = 0.9997$$

$$DL = 0.07859$$

$$BEC = 0.6779$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.
2	☐	1.000	1.257	336.68	0.0001	P	6.4
3	☐	50.000	49.594	13415.04	0.0054	P	1.7
4	☐	125.000	126.686	35398.83	0.0139	P	2.5
5	☐	250.000	249.732	69018.15	0.0274	P	2.3
6	☐	500.000	474.788	129658.83	0.0520	P	0.9
7	☐	1000.000	1012.482	265987.45	0.1109	P	13.
8	☐			177.78	0.0001	P	9.8

$$y = 1.0957\text{E-}004 * x + 1.3499\text{E-}006$$

$$R = 0.9995$$

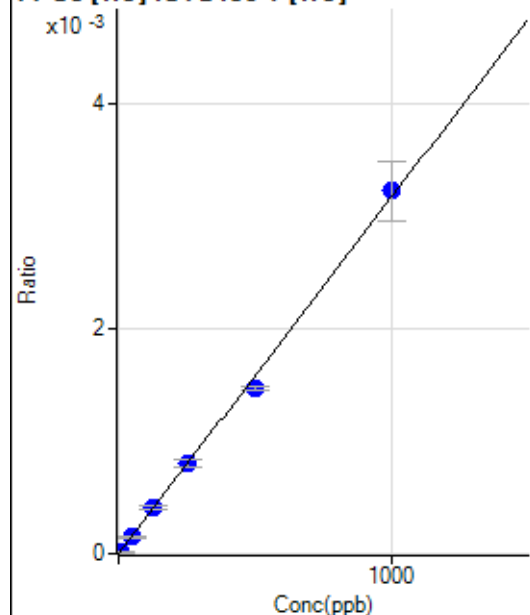
$$DL = 0.03684$$

$$BEC = 0.01232$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.186	24.44	0.0000	P	57.
3	☐	50.000	46.849	366.68	0.0001	P	5.1
4	☐	125.000	128.919	1043.38	0.0004	P	7.0
5	☐	250.000	253.472	2026.83	0.0008	P	9.4
6	☐	500.000	462.233	3654.93	0.0015	P	2.3
7	☐	1000.000	1017.692	7722.08	0.0032	P	16.
8	☐			0.00	0.0000	P	

$$y = 3.1723\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9989$$

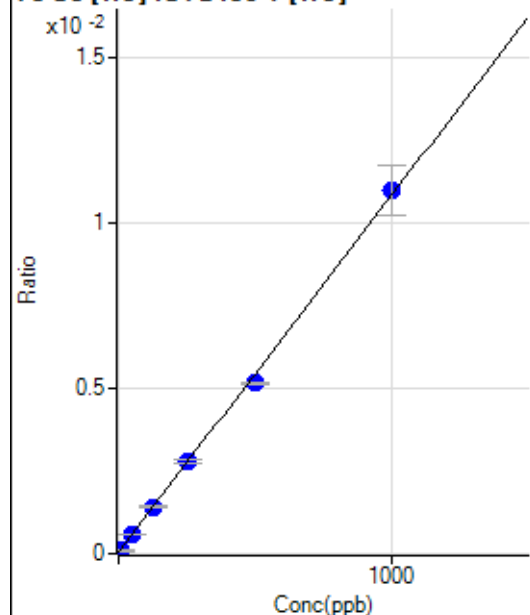
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	121.11	0.0000	P	15.
2	☐	5.000	3.562	212.23	0.0001	P	7.5
3	☐	50.000	48.864	1421.20	0.0006	P	3.6
4	☐	125.000	127.096	3619.37	0.0014	P	3.1
5	☐	250.000	253.856	7022.83	0.0028	P	4.7
6	☐	500.000	472.827	12824.55	0.0051	P	0.9
7	☐	1000.000	1012.424	26280.00	0.0110	P	13.
8	☐			137.78	0.0001	P	14.

$$y = 1.0779\text{E-}005 * x + 4.9293\text{E-}005$$

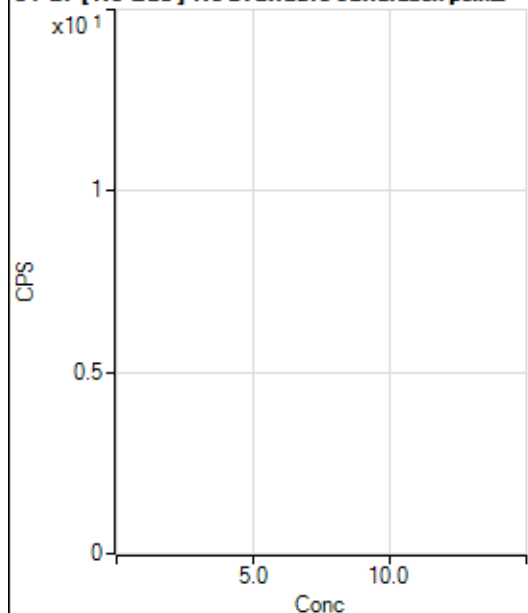
$$R = 0.9995$$

$$DL = 2.165$$

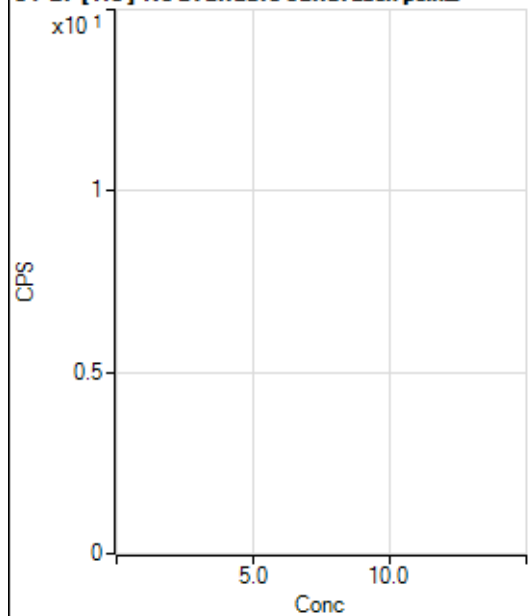
$$BEC = 4.573$$

Weight: <None>

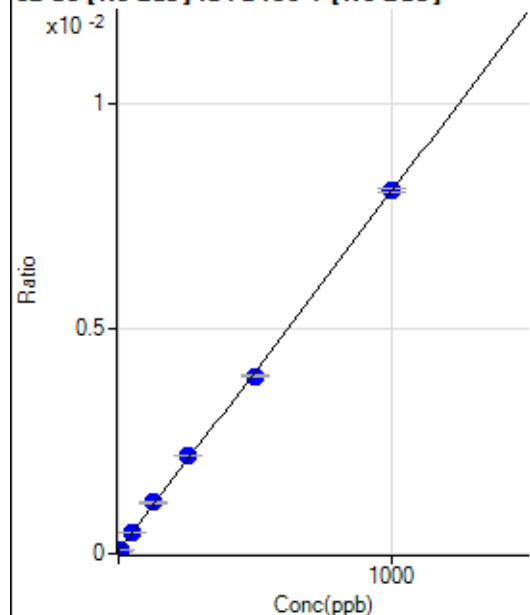
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7318.57		P	1.9
2	☐			7346.34		P	1.4
3	☐			7636.48		P	0.7
4	☐			7685.39		P	3.4
5	☐			7605.37		P	1.5
6	☐			7135.13		P	2.1
7	☐			7060.65		P	2.7
8	☐			7629.82		P	2.6

81 Br [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.78		P	14.
2	☐			47.78		P	34.
3	☐			58.89		P	36.
4	☐			48.89		P	43.
5	☐			41.11		P	4.7
6	☐			38.89		P	27.
7	☐			40.00		P	16.
8	☐			47.78		P	40.

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	602.23	0.0001	P	4.7
2	☐	5.000	5.548	1070.49	0.0001	P	7.7
3	☐	50.000	52.591	5156.50	0.0005	P	0.6
4	☐	125.000	135.120	12578.99	0.0011	P	0.8
5	☐	250.000	264.060	24256.47	0.0022	P	0.6
6	☐	500.000	487.164	45121.58	0.0040	P	1.5
7	☐	1000.000	1001.506	90571.36	0.0081	P	1.1
8	☐			726.19	0.0001	P	7.3

$$y = 7.9969\text{E-}006 * x + 5.5920\text{E-}005$$

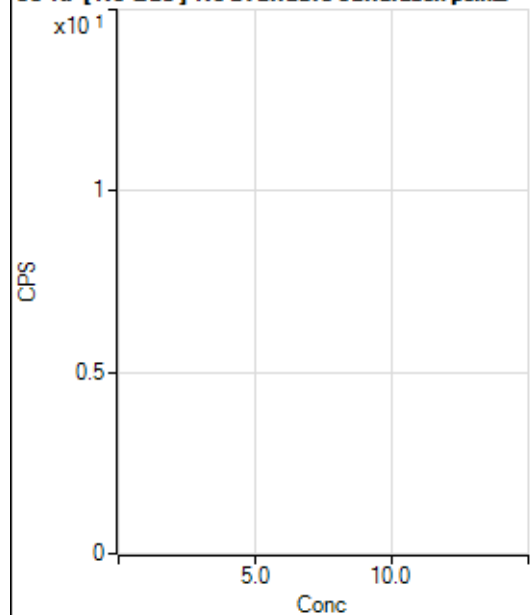
$$R = 0.9997$$

$$DL = 0.9921$$

$$BEC = 6.993$$

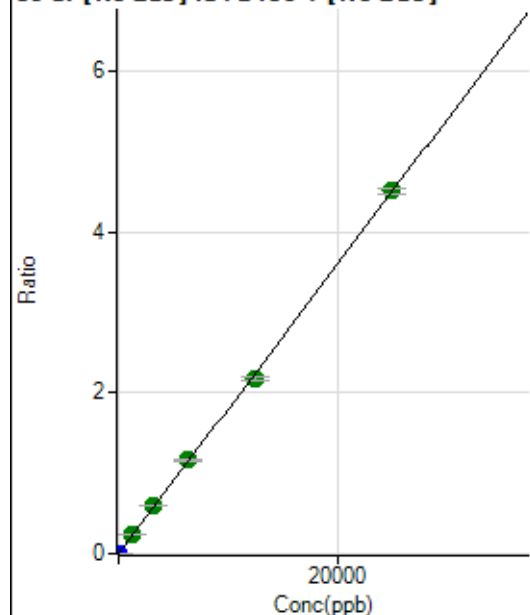
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			168.89		P	16.
2	☐			128.89		P	9.8
3	☐			151.12		P	10.
4	☐			140.00		P	9.5
5	☐			145.56		P	11.
6	☐			121.11		P	9.7
7	☐			176.67		P	5.0
8	☐			153.34		P	19.

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	184.45	0.0000	P	25.
2	☐	1.000	1.094	2284.64	0.0002	P	3.3
3	☐	1250.000	1273.697	2479417.48	0.2291	A	0.4
4	☐	3125.000	3294.616	6560137.61	0.5926	A	0.4
5	☐	6250.000	6477.565	13038642.44	1.1651	A	0.9
6	☐	12500.000	12118.214	24888149.91	2.1797	A	1.6
7	☐	25000.000	25111.615	50725051.47	4.5169	A	1.5
8	☐			7247.38	0.0007	P	3.8

$$y = 1.7987E-004 * x + 1.7144E-005$$

$$R = 0.9998$$

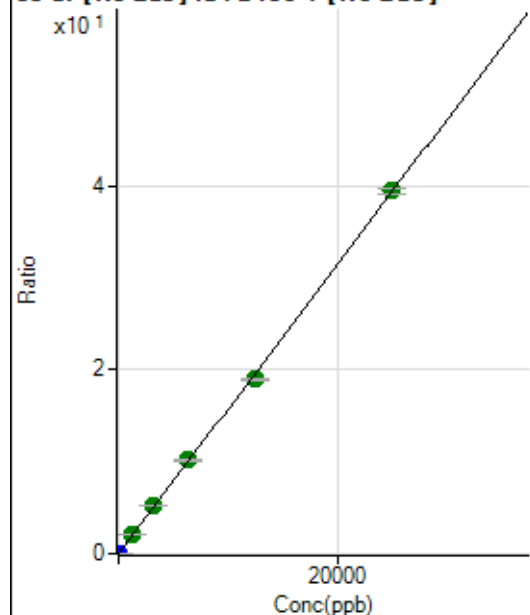
$$DL = 0.07279$$

$$BEC = 0.09531$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.00	0.0000	P	4.1
2	☐	1.000	1.116	18881.12	0.0018	P	0.8
3	☐	1250.000	1270.199	21612373.01	1.9971	A	0.4
4	☐	3125.000	3276.162	57016199.15	5.1510	A	0.6
5	☐	6250.000	6480.084	114012479.4	10.1884	A	1.1
6	☐	12500.000	12095.290	217148774.5	19.0170	A	0.9
7	☐	25000.000	25124.929	443631215.6	39.5029	A	1.5
8	☐			61898.42	0.0057	P	0.5

$$y = 0.0016 * x + 1.3924E-005$$

$$R = 0.9997$$

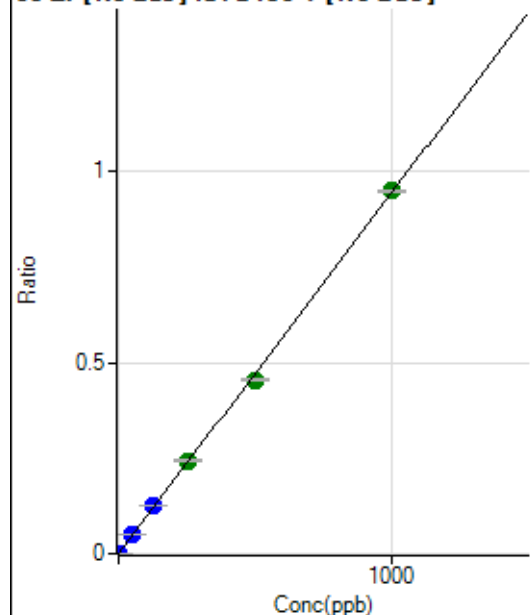
$$DL = 0.001087$$

$$BEC = 0.008856$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	563.35	0.0001	P	4.7
2	☐	1.000	1.089	11521.26	0.0011	P	1.0
3	☐	50.000	51.119	522139.61	0.0483	P	0.5
4	☐	125.000	132.223	1380566.74	0.1247	P	0.4
5	☐	250.000	257.138	2713631.18	0.2425	A	1.8
6	☐	500.000	482.329	5193059.68	0.4548	A	1.9
7	☐	1000.000	1006.092	10654006.99	0.9487	A	0.8
8	☐			6833.86	0.0006	P	3.5

$$y = 9.4287\text{E-}004 * x + 5.2296\text{E-}005$$

$$R = 0.9997$$

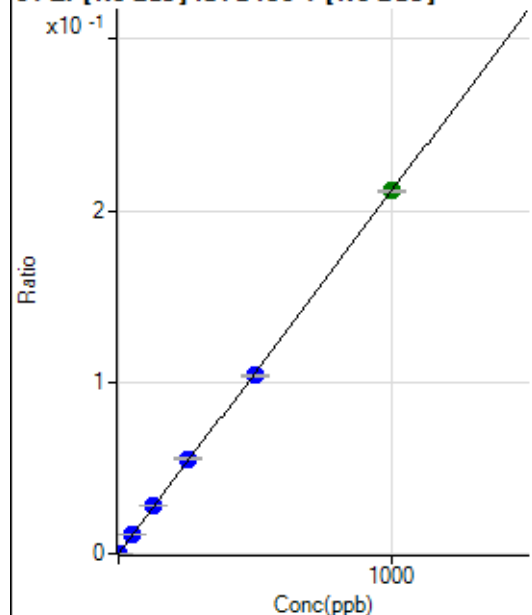
$$DL = 0.00774$$

$$BEC = 0.05547$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.89	0.0000	P	32.
2	☐	1.000	1.093	2572.47	0.0002	P	1.7
3	☐	50.000	51.148	117069.86	0.0108	P	0.5
4	☐	125.000	132.333	309647.98	0.0280	P	0.5
5	☐	250.000	262.090	619851.84	0.0554	P	1.2
6	☐	500.000	490.929	1184627.31	0.1037	P	1.2
7	☐	1000.000	1000.539	2374527.72	0.2114	A	0.4
8	☐			1597.88	0.0001	P	1.2

$$y = 2.1130\text{E-}004 * x + 1.0090\text{E-}005$$

$$R = 0.9998$$

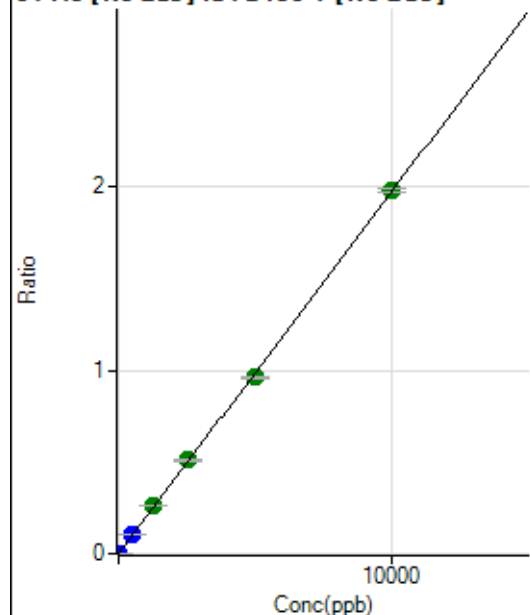
$$DL = 0.04714$$

$$BEC = 0.04775$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0000	P	12.
2	☐	5.000	6.251	13342.84	0.0012	P	2.6
3	☐	500.000	518.787	1106413.12	0.1022	P	0.7
4	☐	1250.000	1316.219	2871054.19	0.2594	A	0.7
5	☐	2500.000	2592.999	5717410.19	0.5109	A	1.6
6	☐	5000.000	4869.649	10955514.97	0.9595	A	1.6
7	☐	10000.000	10032.708	22200133.28	1.9768	A	1.0
8	☐			6401.46	0.0006	P	2.6

$$y = 1.9703\text{E-}004 * x + 1.8154\text{E-}005$$

$$R = 0.9998$$

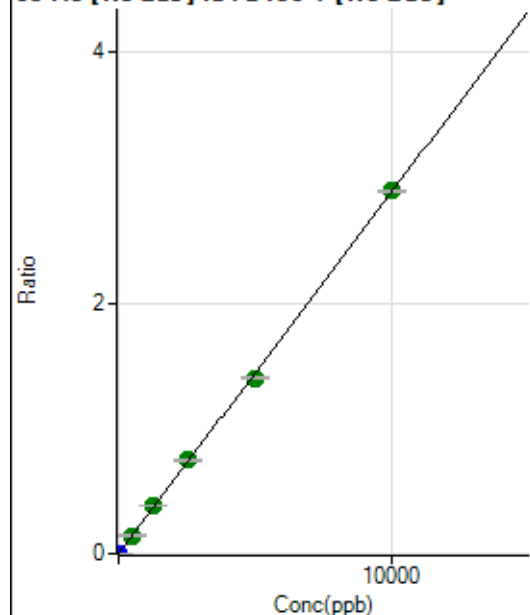
$$DL = 0.03543$$

$$BEC = 0.09214$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	53.33	0.0000	P	28.
2	☐	5.000	5.226	16128.97	0.0015	P	1.3
3	☐	500.000	504.377	1572760.53	0.1453	A	1.4
4	☐	1250.000	1311.157	4182083.24	0.3778	A	0.8
5	☐	2500.000	2599.251	8381244.94	0.7490	A	1.6
6	☐	5000.000	4864.806	16006511.98	1.4018	A	1.0
7	☐	10000.000	10034.920	32473747.29	2.8915	A	0.7
8	☐			6443.70	0.0006	P	3.0

$$y = 2.8814\text{E-}004 * x + 4.9585\text{E-}006$$

$$R = 0.9998$$

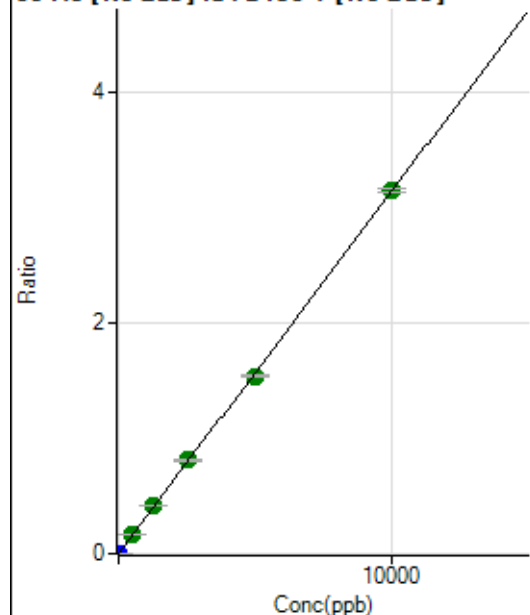
$$DL = 0.0145$$

$$BEC = 0.01721$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	222.22	0.0000	P	16.
2	☐	5.000	5.281	17941.08	0.0017	P	1.7
3	☐	500.000	506.103	1721547.82	0.1591	A	0.5
4	☐	1250.000	1307.667	4549472.05	0.4110	A	0.9
5	☐	2500.000	2597.489	9135548.06	0.8164	A	2.1
6	☐	5000.000	4899.145	17582016.40	1.5398	A	1.1
7	☐	10000.000	10018.541	35361676.14	3.1487	A	0.9
8	☐			13172.68	0.0012	P	1.5

$$y = 3.1429\text{E-}004 * x + 2.0629\text{E-}005$$

$$R = 0.9999$$

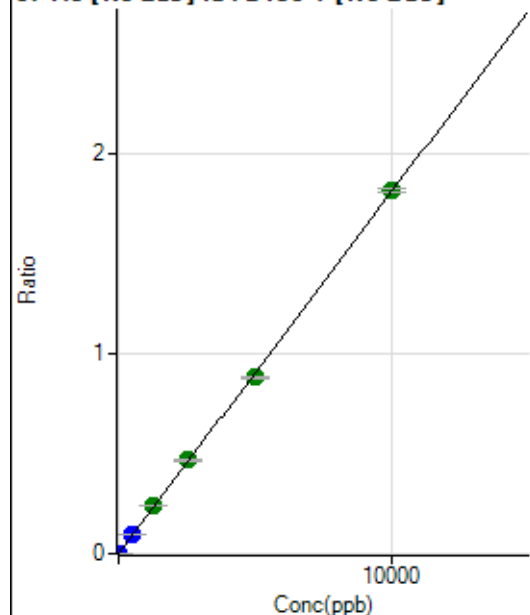
$$DL = 0.03242$$

$$BEC = 0.06564$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.33	0.0000	P	35.
2	☐	5.000	5.244	10159.16	0.0010	P	3.0
3	☐	500.000	513.261	1003620.84	0.0927	P	0.5
4	☐	1250.000	1313.856	2628162.93	0.2374	A	0.9
5	☐	2500.000	2593.923	5245127.35	0.4687	A	1.3
6	☐	5000.000	4873.049	10054663.88	0.8805	A	0.9
7	☐	10000.000	10031.350	20356580.25	1.8126	A	1.1
8	☐			3933.91	0.0004	P	2.3

$$y = 1.8069\text{E-}004 * x + 4.0203\text{E-}006$$

$$R = 0.9998$$

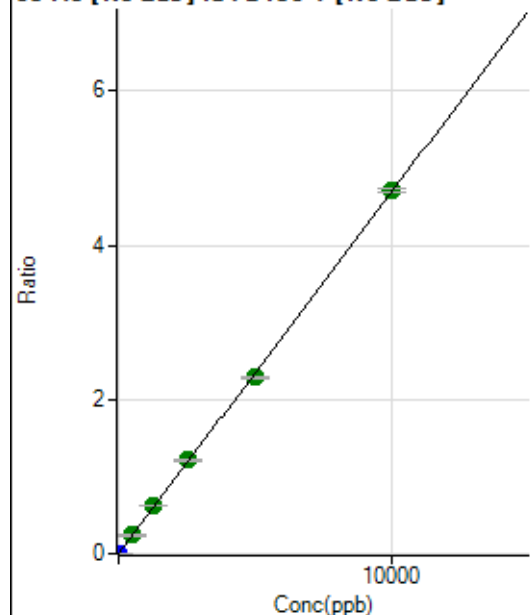
$$DL = 0.02343$$

$$BEC = 0.02225$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84.45	0.0000	P	15.
2	☐	5.000	5.227	26246.95	0.0025	P	1.9
3	☐	500.000	507.848	2576286.94	0.2381	A	1.9
4	☐	1250.000	1312.143	6809635.94	0.6152	A	0.7
5	☐	2500.000	2589.988	13588184.38	1.2143	A	1.8
6	☐	5000.000	4869.761	26070026.83	2.2831	A	1.1
7	☐	10000.000	10034.462	52834071.99	4.7045	A	1.1
8	☐			9764.45	0.0009	P	1.4

$$y = 4.6883\text{E-}004 * x + 7.8328\text{E-}006$$

$$R = 0.9998$$

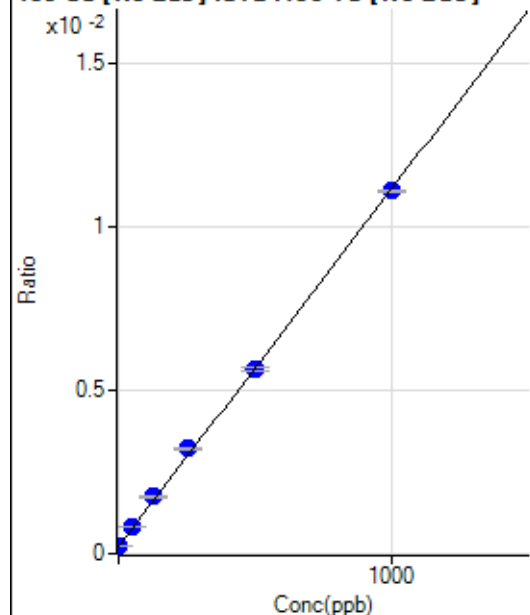
$$DL = 0.007588$$

$$BEC = 0.01671$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3097.02	0.0002	P	4.5
2	☐	1.000	1.412	3308.19	0.0002	P	3.3
3	☐	50.000	54.270	11594.72	0.0008	P	1.4
4	☐	125.000	138.825	25738.40	0.0017	P	0.7
5	☐	250.000	273.875	47827.24	0.0032	P	2.3
6	☐	500.000	494.033	86391.23	0.0056	P	2.1
7	☐	1000.000	995.073	170146.43	0.0111	P	0.4
8	☐			3197.04	0.0002	P	0.6

$$y = 1.0933\text{E-}005 * x + 2.1811\text{E-}004$$

$$R = 0.9996$$

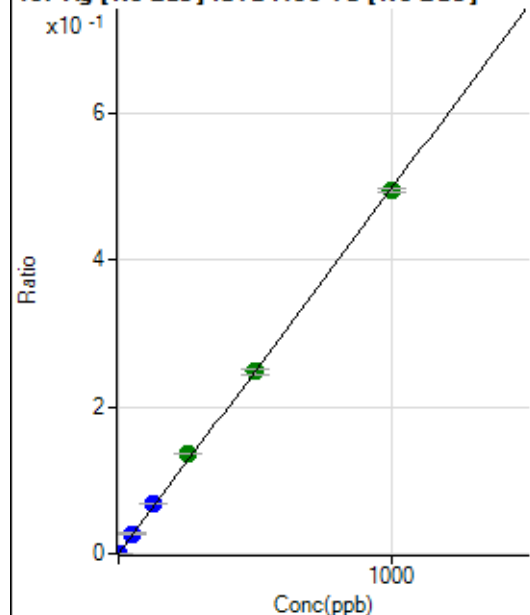
$$DL = 2.682$$

$$BEC = 19.95$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	8.3
2	☐	1.000	1.122	7980.03	0.0006	P	2.1
3	☐	50.000	54.949	391153.52	0.0274	P	2.1
4	☐	125.000	138.131	1020083.61	0.0688	P	0.3
5	☐	250.000	273.368	2027516.01	0.1362	A	1.2
6	☐	500.000	497.783	3811548.94	0.2479	A	2.4
7	☐	1000.000	993.377	7585621.42	0.4948	A	0.9
8	☐			873.37	0.0001	P	9.6

$$y = 4.9806\text{E-}004 * x + 4.3823\text{E-}006$$

$$R = 0.9997$$

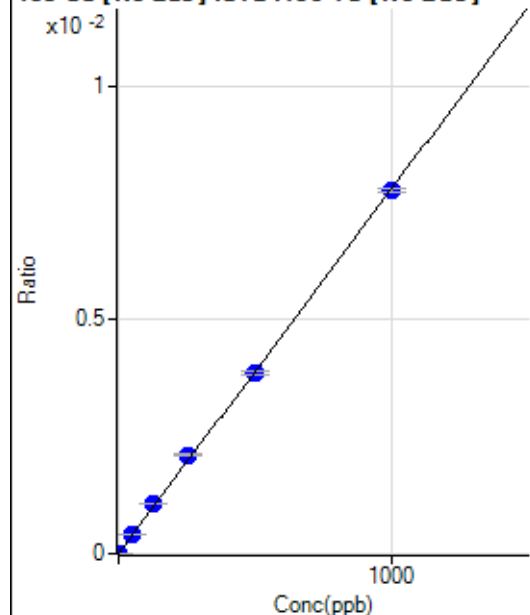
$$DL = 0.002186$$

$$BEC = 0.008799$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	31.
2	☐	1.000	1.057	128.89	0.0000	P	27.
3	☐	50.000	54.478	6079.10	0.0004	P	1.3
4	☐	125.000	138.147	15974.45	0.0011	P	0.5
5	☐	250.000	270.359	31387.28	0.0021	P	1.3
6	☐	500.000	496.484	59502.43	0.0039	P	1.9
7	☐	1000.000	994.801	118873.17	0.0078	P	1.1
8	☐			51.11	0.0000	P	34.

$$y = 7.7926\text{E-}006 * x + 8.6093\text{E-}007$$

$$R = 0.9997$$

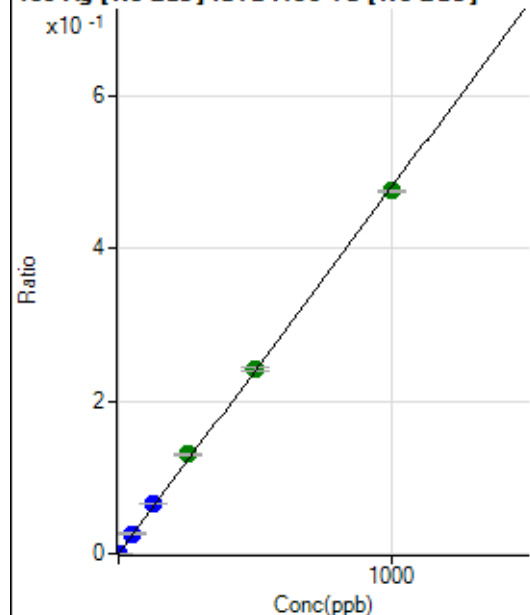
$$DL = 0.1046$$

$$BEC = 0.1105$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0000	P	65.
2	☐	1.000	1.116	7607.60	0.0005	P	1.8
3	☐	50.000	54.587	374517.27	0.0262	P	2.0
4	☐	125.000	137.922	981750.09	0.0662	P	0.5
5	☐	250.000	272.235	1946123.17	0.1307	A	1.8
6	☐	500.000	504.503	3723461.27	0.2422	A	2.8
7	☐	1000.000	990.345	7289780.86	0.4755	A	0.9
8	☐			856.70	0.0001	P	8.5

$$y = 4.8010E-004 * x + 1.2526E-006$$

$$R = 0.9997$$

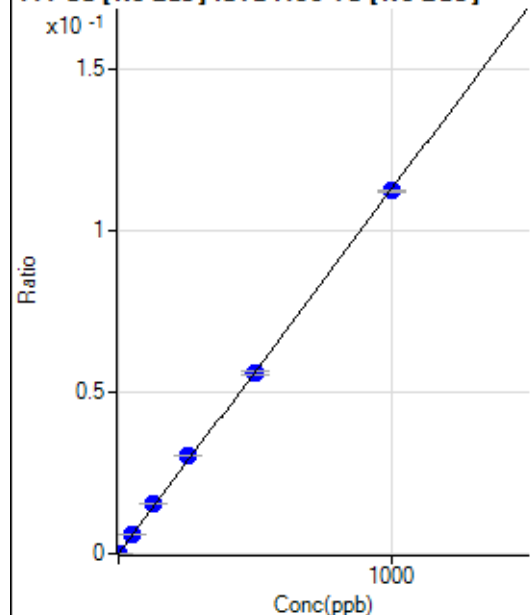
$$DL = 0.005156$$

$$BEC = 0.002609$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	307.89	0.0000	P	4.7
2	☐	1.000	1.042	1969.04	0.0001	P	4.6
3	☐	50.000	53.708	86709.71	0.0061	P	2.4
4	☐	125.000	136.806	228655.77	0.0154	P	0.7
5	☐	250.000	269.549	452203.30	0.0304	P	0.8
6	☐	500.000	495.423	857846.02	0.0558	P	1.7
7	☐	1000.000	995.740	1719055.57	0.1121	P	0.6
8	☐			601.55	0.0000	P	4.8

$$y = 1.1258E-004 * x + 2.1683E-005$$

$$R = 0.9997$$

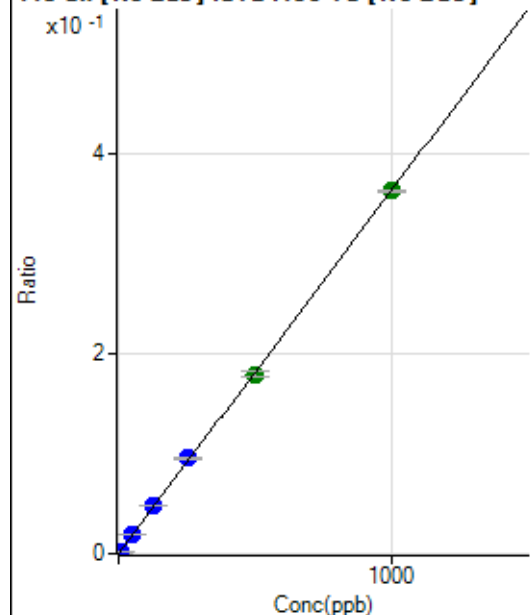
$$DL = 0.02731$$

$$BEC = 0.1926$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	393.34	0.0000	P	8.5
2	☐	5.000	5.421	28345.69	0.0020	P	0.8
3	☐	50.000	51.819	269963.58	0.0189	P	0.3
4	☐	125.000	131.969	712707.82	0.0481	P	0.5
5	☐	250.000	262.273	1422336.07	0.0955	P	0.4
6	☐	500.000	494.696	2769031.56	0.1801	A	2.8
7	☐	1000.000	998.620	5574753.66	0.3636	A	0.8
8	☐			7284.13	0.0005	P	7.0

$$y = 3.6406\text{E-}004 * x + 2.7699\text{E-}005$$

$$R = 0.9999$$

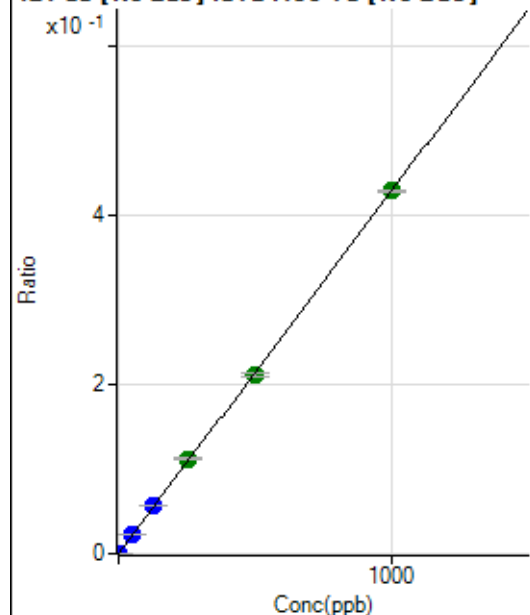
$$DL = 0.01944$$

$$BEC = 0.07609$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0000	P	4.2
2	☐	2.000	2.193	13394.11	0.0009	P	2.3
3	☐	50.000	51.471	315114.27	0.0221	P	2.3
4	☐	125.000	130.923	831494.87	0.0561	P	0.1
5	☐	250.000	261.174	1665744.61	0.1119	A	1.5
6	☐	500.000	492.605	3244008.43	0.2110	A	1.8
7	☐	1000.000	1000.090	6567596.50	0.4284	A	0.4
8	☐			5403.28	0.0004	P	4.7

$$y = 4.2831\text{E-}004 * x + 6.4163\text{E-}006$$

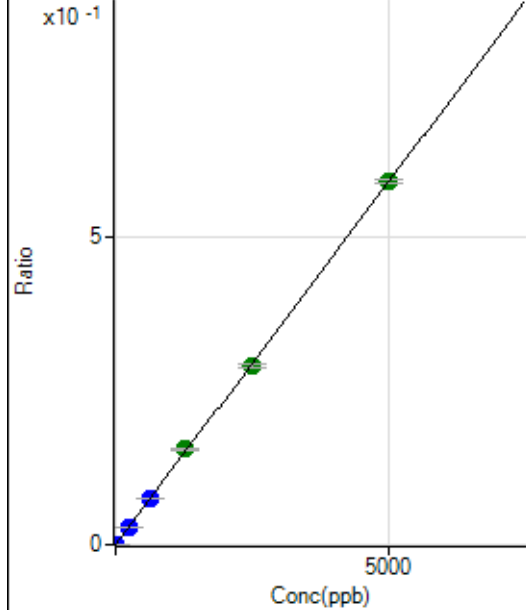
$$R = 0.9999$$

$$DL = 0.001876$$

$$BEC = 0.01498$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	18.
2	☐	10.000	10.448	17499.73	0.0012	P	1.4
3	☐	250.000	249.418	419389.11	0.0293	P	0.9
4	☐	625.000	634.740	1107248.78	0.0747	P	0.5
5	☐	1250.000	1313.286	2300921.44	0.1545	A	1.1
6	☐	2500.000	2461.537	4452438.02	0.2896	A	2.3
7	☐	5000.000	5002.221	9023017.16	0.5885	A	1.1
8	☐			3344.87	0.0002	P	4.1

$$y = 1.1765\text{E-}004 * x + 6.2595\text{E-}006$$

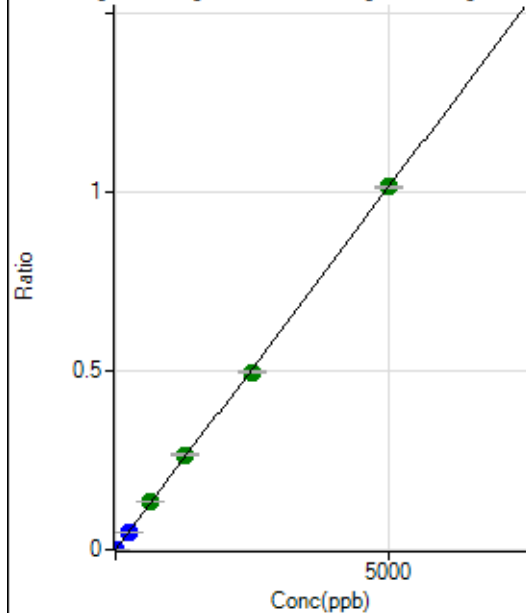
$$R = 0.9999$$

$$DL = 0.02943$$

$$BEC = 0.05321$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.34	0.0000	P	5.4
2	☐	10.000	10.598	30511.55	0.0022	P	1.7
3	☐	250.000	250.473	724617.08	0.0507	P	1.0
4	☐	625.000	664.487	1994268.01	0.1345	A	0.9
5	☐	1250.000	1306.517	3938312.96	0.2645	A	1.3
6	☐	2500.000	2451.083	7629122.94	0.4962	A	1.1
7	☐	5000.000	5005.369	15535026.16	1.0132	A	0.3
8	☐			5844.59	0.0004	P	0.4

$$y = 2.0242\text{E-}004 * x + 8.6859\text{E-}006$$

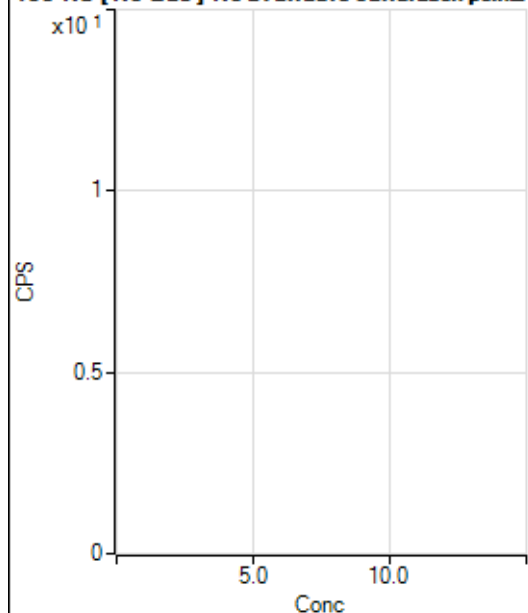
$$R = 0.9998$$

$$DL = 0.00697$$

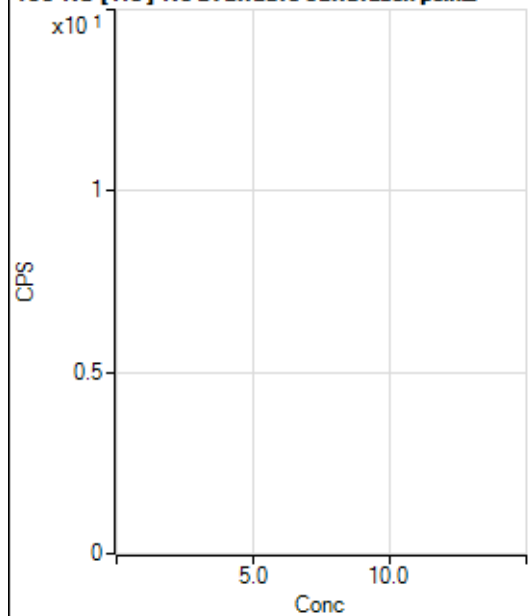
$$BEC = 0.04291$$

Weight: <None>

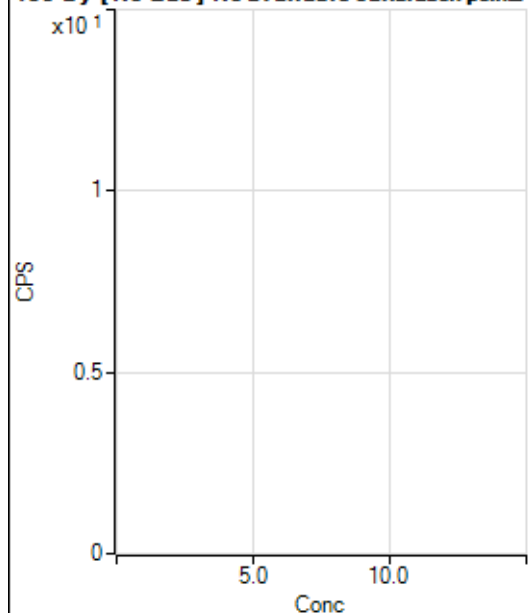
Min Conc: 0

150 Nd [No Gas] No available calibration points

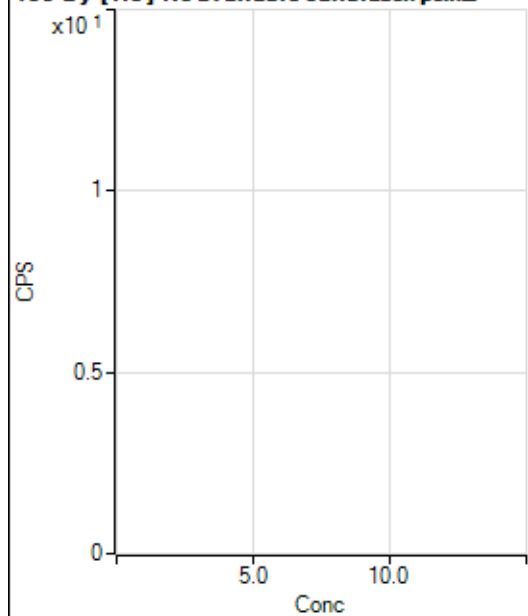
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00		P	16.
2	☐			17.78		P	10.
3	☐			43.33		P	30.
4	☐			98.89		P	5.2
5	☐			154.45		P	11.
6	☐			283.34		P	17.
7	☐			586.69		P	11.
8	☐			160.00		P	9.1

150 Nd [He] No available calibration points

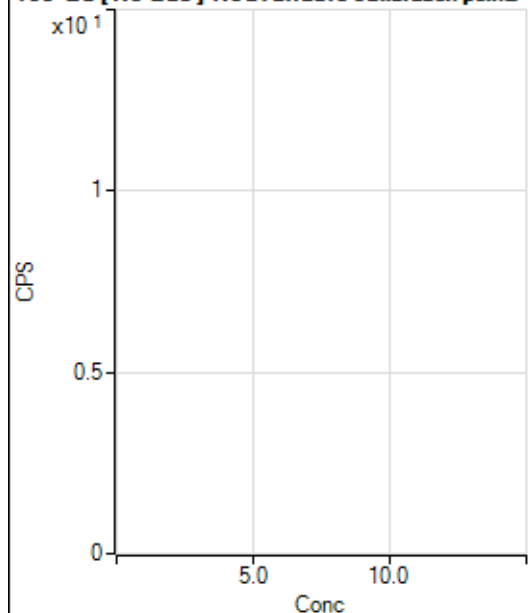
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.
2	☐			6.66		P	86.
3	☐			13.33		P	43.
4	☐			21.11		P	9.1
5	☐			34.44		P	49.
6	☐			68.89		P	34.
7	☐			114.45		P	26.
8	☐			78.89		P	16.

156 Dy [No Gas] No available calibration points

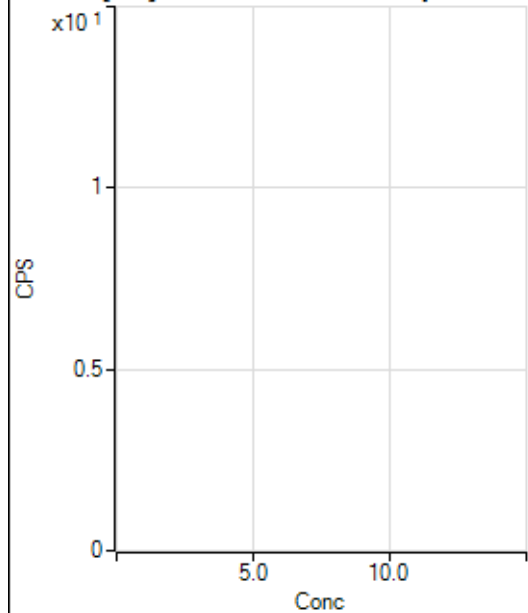
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			231.12		P	8.8
2	☐			244.45		P	13.
3	☐			276.67		P	14.
4	☐			228.89		P	8.4
5	☐			306.68		P	1.9
6	☐			333.34		P	22.
7	☐			404.45		P	6.7
8	☐			432.23		P	18.

156 Dy [He] No available calibration points

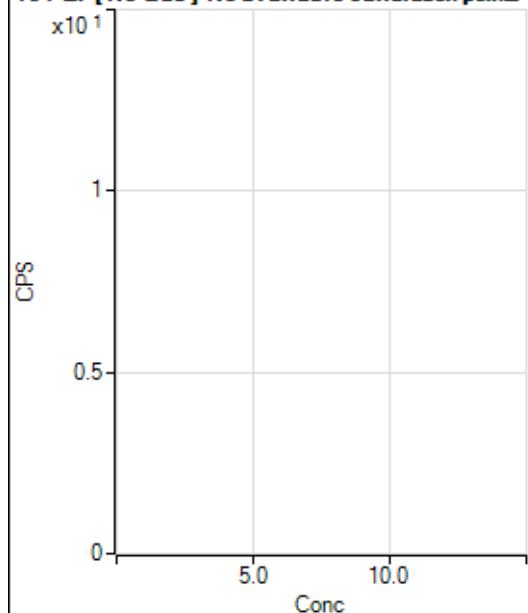
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42.22		P	19.
2	☐			44.44		P	45.
3	☐			65.56		P	19.
4	☐			113.34		P	20.
5	☐			151.11		P	18.
6	☐			213.34		P	14.
7	☐			414.45		P	5.9
8	☐			241.12		P	11.

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

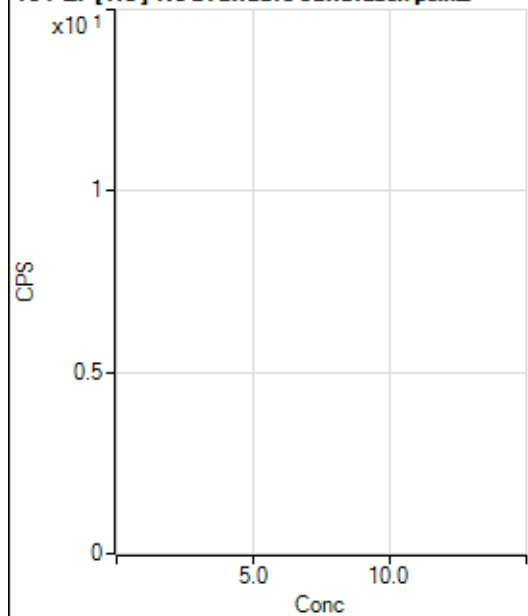
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	15.
2	☐			57.78		P	3.3
3	☐			71.11		P	19.
4	☐			62.22		P	34.
5	☐			72.22		P	43.
6	☐			81.11		P	17.
7	☐			122.22		P	10.
8	☐			241.12		P	4.4

160 Gd [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			450.01		P	12.
2	☐			430.01		P	10.
3	☐			473.35		P	9.7
4	☐			472.23		P	9.7
5	☐			475.57		P	3.5
6	☐			495.57		P	5.1
7	☐			442.23		P	15.
8	☐			610.02		P	1.1

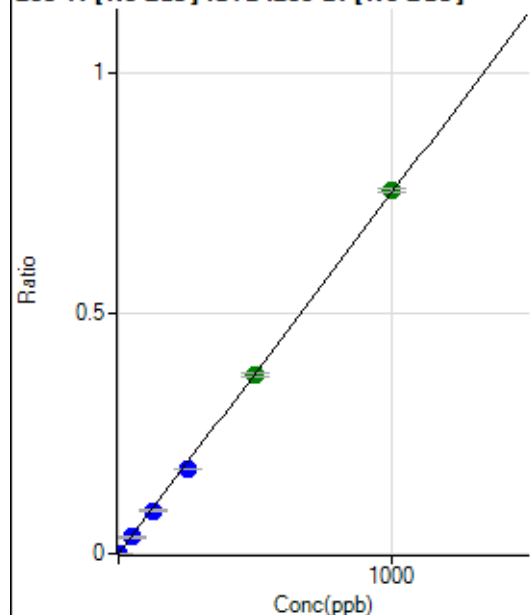
164 Er [No Gas] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	21.
2	☐			94.45		P	29.
3	☐			91.11		P	8.4
4	☐			114.44		P	24.
5	☐			126.67		P	12.
6	☐			138.89		P	9.7
7	☐			194.45		P	5.2
8	☐			313.34		P	1.8

164 Er [He] No available calibration points

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	13.
2	☐			60.00		P	29.
3	☐			73.33		P	31.
4	☐			80.00		P	19.
5	☐			75.56		P	16.
6	☐			92.22		P	21.
7	☐			123.34		P	7.2
8	☐			198.89		P	10.

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.33	0.0000	P	27.
2	☐	1.000	0.975	6313.74	0.0007	P	0.5
3	☐	50.000	45.439	299163.52	0.0340	P	1.5
4	☐	125.000	119.308	791904.93	0.0894	P	1.7
5	☐	250.000	235.411	1577709.90	0.1763	P	1.0
6	☐	500.000	495.704	3417179.15	0.3712	A	1.3
7	☐	1000.000	1006.735	6859651.36	0.7539	A	1.1
8	☐			844.48	0.0001	P	12.

$$y = 7.4890E-004 * x + 5.0326E-006$$

R = 0.9999

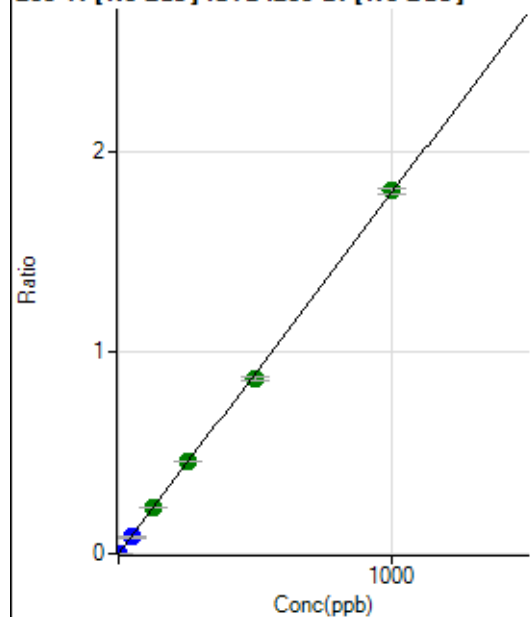
DL = 0.005441

BEC = 0.00672

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	140.00	0.0000	P	21.
2	☐	1.000	0.973	15114.04	0.0018	P	3.1
3	☐	50.000	45.462	715852.50	0.0814	P	0.8
4	☐	125.000	128.659	2042043.14	0.2304	A	1.6
5	☐	250.000	255.951	4101584.94	0.4584	A	1.0
6	☐	500.000	483.963	7976709.12	0.8667	A	2.2
7	☐	1000.000	1006.300	16395701.56	1.8021	A	1.7
8	☐			2132.41	0.0003	P	9.0

$$y = 0.0018 * x + 1.6243E-005$$

R = 0.9998

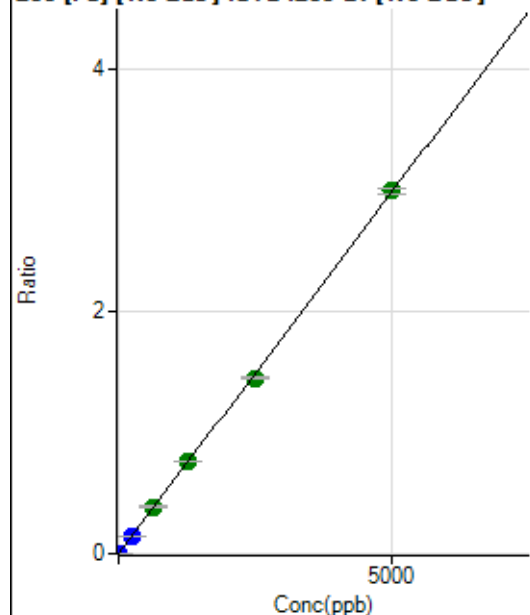
DL = 0.005712

BEC = 0.009071

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	351.12	0.0000	P	12.
2	☐	1.000	0.998	5456.71	0.0006	P	2.5
3	☐	250.000	228.469	1196878.69	0.1362	P	0.9
4	☐	625.000	647.626	3420155.89	0.3859	A	1.8
5	☐	1250.000	1277.557	6811812.33	0.7612	A	1.3
6	☐	2500.000	2432.745	13342479.53	1.4495	A	1.1
7	☐	5000.000	5024.986	27239533.76	2.9939	A	1.5
8	☐			6342.67	0.0008	P	2.6

$$y = 5.9580E-004 * x + 4.0750E-005$$

$$R = 0.9998$$

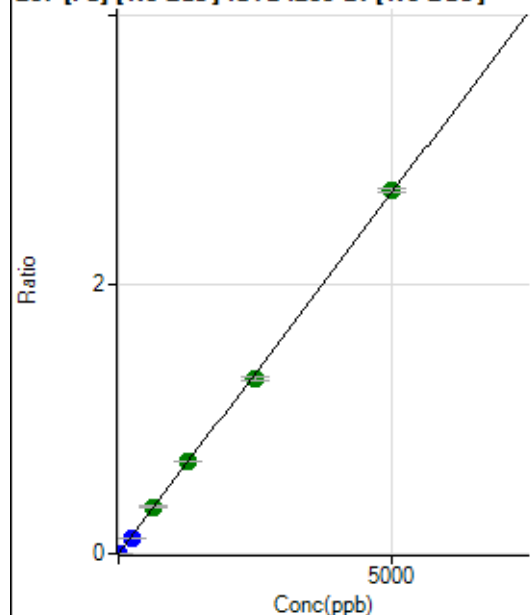
$$DL = 0.02599$$

$$BEC = 0.0684$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.34	0.0000	P	10.
2	☐	1.000	0.973	4792.00	0.0006	P	2.6
3	☐	250.000	224.790	1059378.74	0.1205	P	0.7
4	☐	625.000	647.802	3077393.39	0.3472	A	1.8
5	☐	1250.000	1277.370	6126970.81	0.6847	A	0.2
6	☐	2500.000	2424.836	11963684.54	1.2997	A	1.6
7	☐	5000.000	5029.150	24525303.25	2.6956	A	1.0
8	☐			5597.88	0.0007	P	3.3

$$y = 5.3598E-004 * x + 3.6373E-005$$

$$R = 0.9998$$

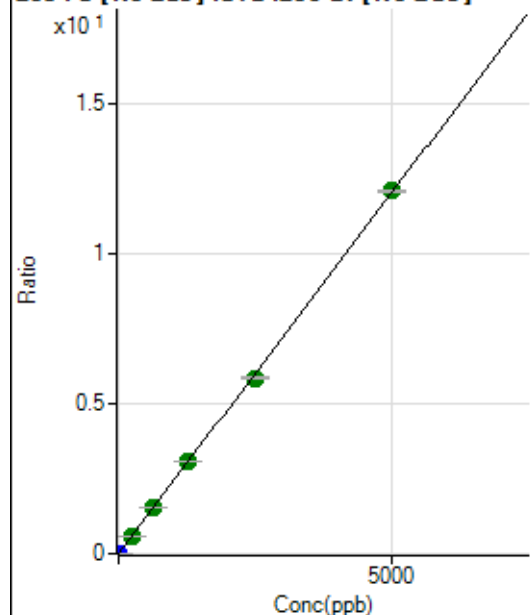
$$DL = 0.02075$$

$$BEC = 0.06786$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1416.71	0.0002	P	4.0
2	☐	1.000	0.977	21609.10	0.0025	P	1.2
3	☐	250.000	238.640	5048112.79	0.5743	A	0.6
4	☐	625.000	644.235	13737467.64	1.5500	A	1.1
5	☐	1250.000	1276.162	27473899.18	3.0702	A	0.8
6	☐	2500.000	2429.225	53795326.70	5.8441	A	1.4
7	☐	5000.000	5027.011	110030988.9	12.0935	A	0.9
8	☐			25532.98	0.0032	P	0.5

$$y = 0.0024 * x + 1.6442E-004$$

$$R = 0.9998$$

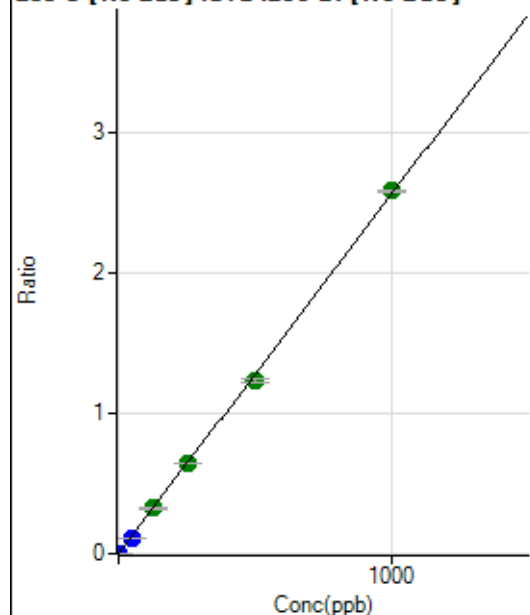
$$DL = 0.008277$$

$$BEC = 0.06835$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.55	0.0000	P	53.
2	☐	1.000	0.915	20116.35	0.0023	P	0.3
3	☐	50.000	43.213	970547.92	0.1104	P	1.4
4	☐	125.000	126.075	2855110.51	0.3222	A	2.0
5	☐	250.000	251.639	5754148.67	0.6430	A	0.9
6	☐	500.000	481.016	11313439.41	1.2291	A	1.7
7	☐	1000.000	1009.288	23464506.87	2.5790	A	0.4
8	☐			711.14	0.0001	P	7.9

$$y = 0.0026 * x + 2.9701E-006$$

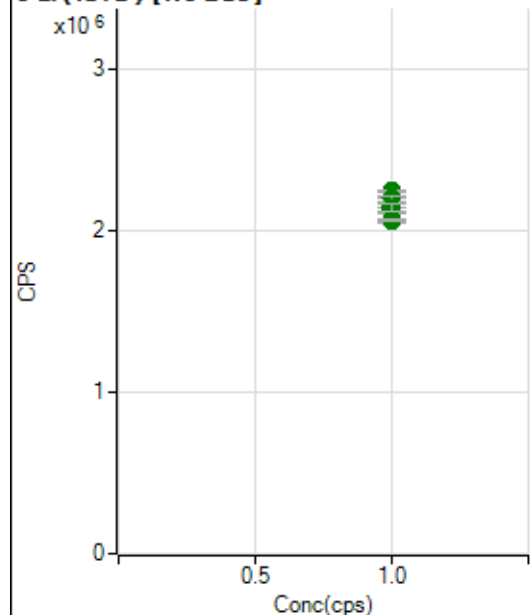
$$R = 0.9997$$

$$DL = 0.001852$$

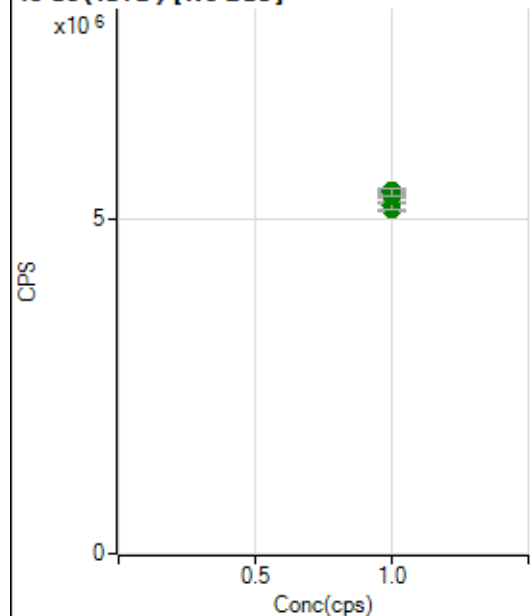
$$BEC = 0.001162$$

Weight: <None>

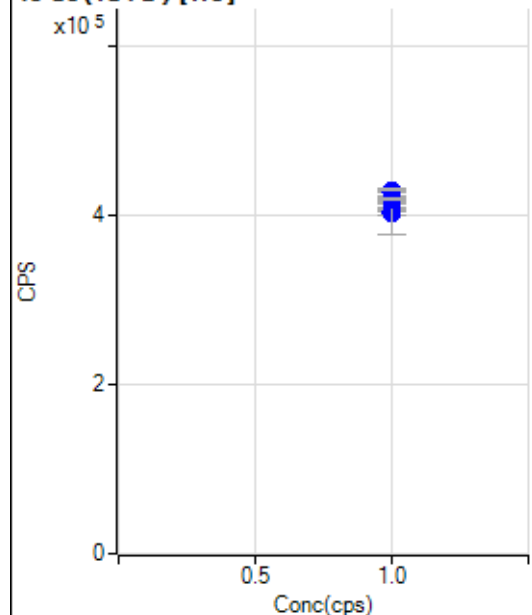
Min Conc: 0

6 Li (ISTD) [No Gas]

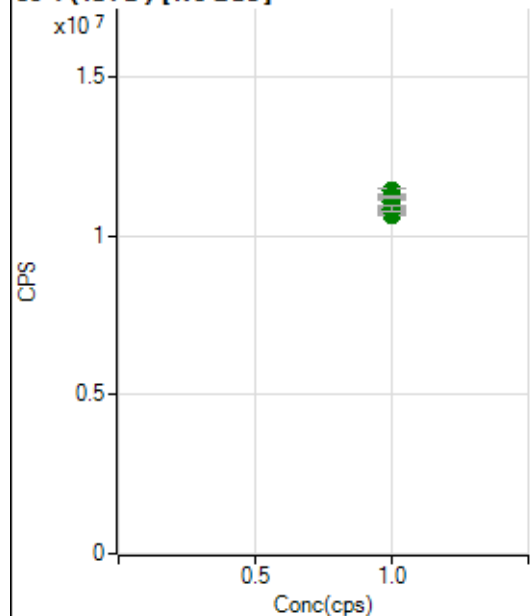
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2059652.17		A	0.8
2	☐	1.000		2070366.20		A	0.7
3	☐	1.000		2127325.35		A	2.0
4	☐	1.000		2153217.54		A	1.2
5	☐	1.000		2182173.91		A	1.8
6	☐	1.000		2247629.27		A	0.8
7	☐	1.000		2198862.74		A	1.3
8	☐	1.000		2145532.02		A	1.9

45 Sc (ISTD) [No Gas]

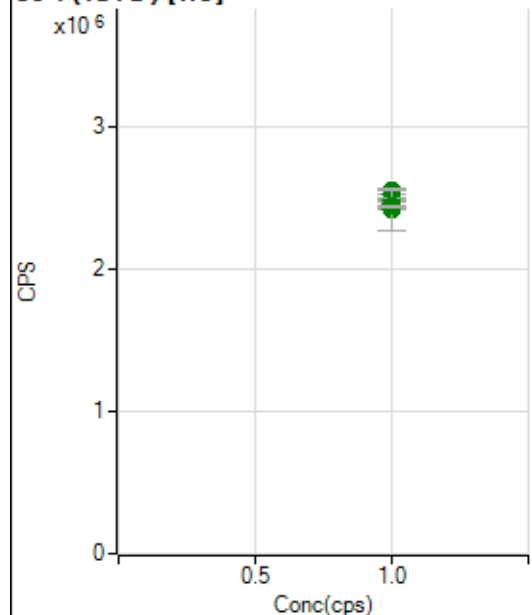
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5220789.47		A	0.4
2	☐	1.000		5117945.41		A	0.7
3	☐	1.000		5189692.42		A	2.0
4	☐	1.000		5326202.83		A	0.9
5	☐	1.000		5404975.48		A	0.8
6	☐	1.000		5409305.82		A	1.3
7	☐	1.000		5345135.72		A	0.7
8	☐	1.000		5387364.57		A	1.7

45 Sc (ISTD) [He]

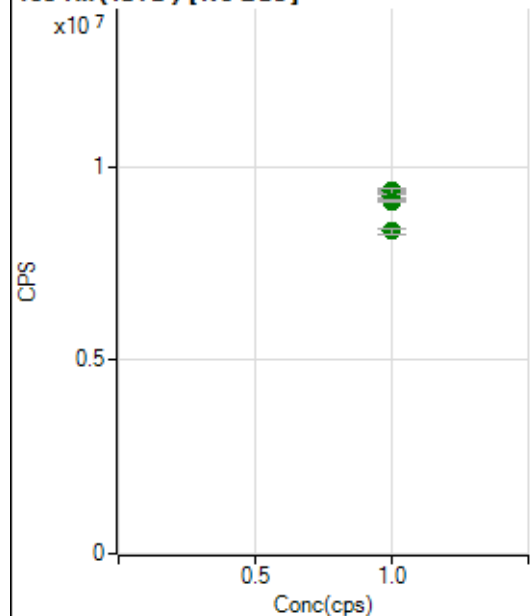
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		407188.15		P	0.5
2	☐	1.000		402814.78		P	1.1
3	☐	1.000		414721.56		P	0.8
4	☐	1.000		428893.78		P	1.1
5	☐	1.000		427324.82		P	2.1
6	☐	1.000		416925.99		P	0.8
7	☐	1.000		403682.91		P	12.
8	☐	1.000		419063.79		P	0.7

89 Y (ISTD) [No Gas]

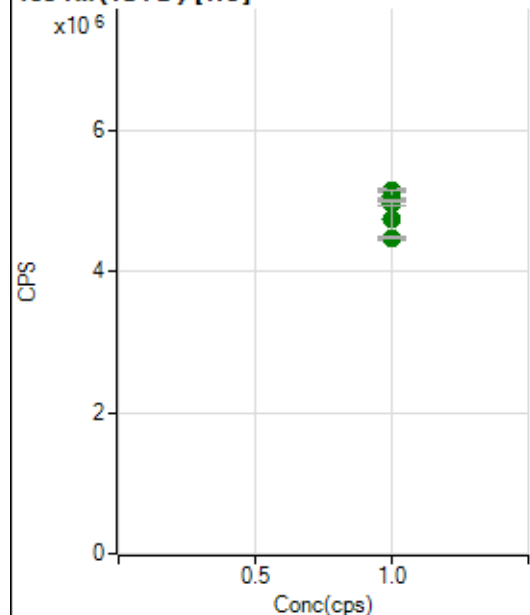
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10771959.42		A	0.9
2	☐	1.000		10676853.59		A	0.4
3	☐	1.000		10821468.45		A	1.5
4	☐	1.000		11069595.81		A	1.7
5	☐	1.000		11190747.05		A	0.4
6	☐	1.000		11419583.30		A	1.4
7	☐	1.000		11230714.00		A	0.6
8	☐	1.000		10847828.87		A	1.8

89 Y(ISTD) [He]

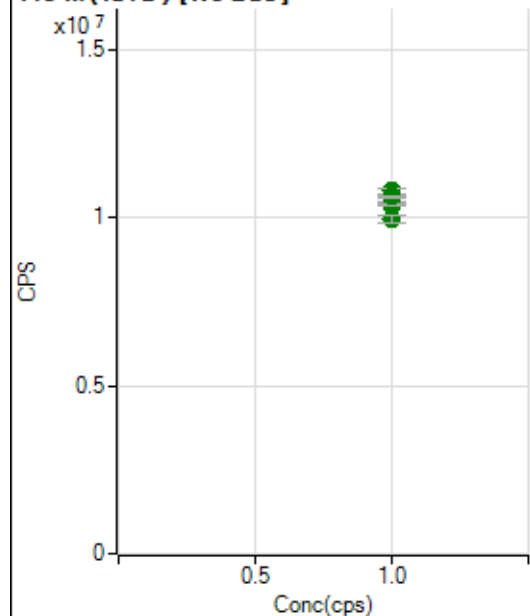
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2458814.32		A	0.7
2	☐	1.000		2420548.09		A	0.3
3	☐	1.000		2468095.60		A	1.3
4	☐	1.000		2550393.52		A	1.5
5	☐	1.000		2523087.65		A	2.7
6	☐	1.000		2492342.11		A	1.0
7	☐	1.000		2424600.52		A	12.
8	☐	1.000		2440322.41		A	1.0

103 Rh(ISTD) [No Gas]

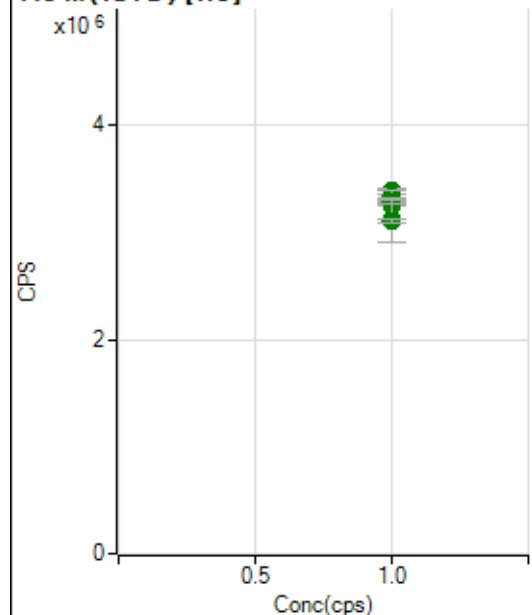
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9304598.75		A	0.3
2	☐	1.000		9251566.04		A	0.8
3	☐	1.000		9170367.85		A	0.4
4	☐	1.000		9374398.75		A	0.9
5	☐	1.000		9362117.15		A	0.6
6	☐	1.000		9377416.39		A	1.5
7	☐	1.000		9106983.62		A	0.5
8	☐	1.000		8333371.96		A	1.6

103 Rh (ISTD) [He]

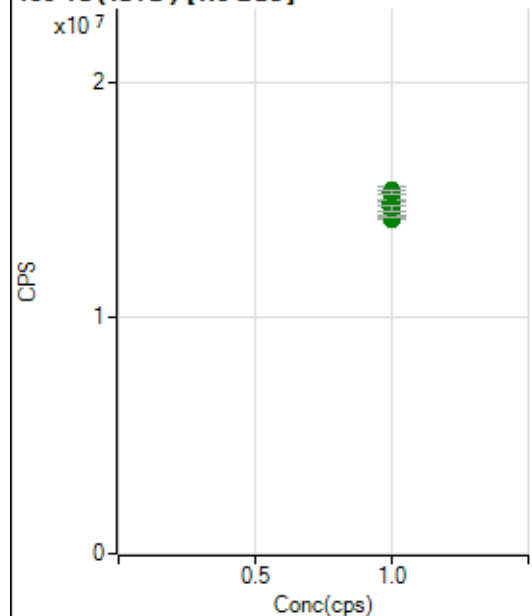
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5031654.44		A	0.9
2	☐	1.000		5035239.51		A	1.0
3	☐	1.000		5081353.60		A	1.5
4	☐	1.000		5149703.08		A	0.9
5	☐	1.000		5081920.86		A	3.0
6	☐	1.000		4964620.83		A	0.8
7	☐	1.000		4745624.20		A	12.
8	☐	1.000		4480706.36		A	0.7

115 In (ISTD) [No Gas]

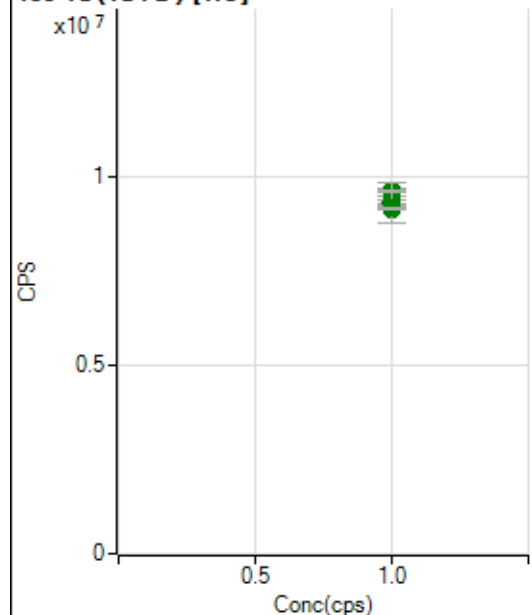
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10481528.27		A	0.1
2	☐	1.000		10386867.44		A	0.4
3	☐	1.000		10388094.60		A	0.8
4	☐	1.000		10641362.15		A	1.3
5	☐	1.000		10654298.12		A	0.4
6	☐	1.000		10805416.10		A	1.3
7	☐	1.000		10629413.31		A	0.8
8	☐	1.000		9979131.70		A	2.2

115 In (ISTD) [He]

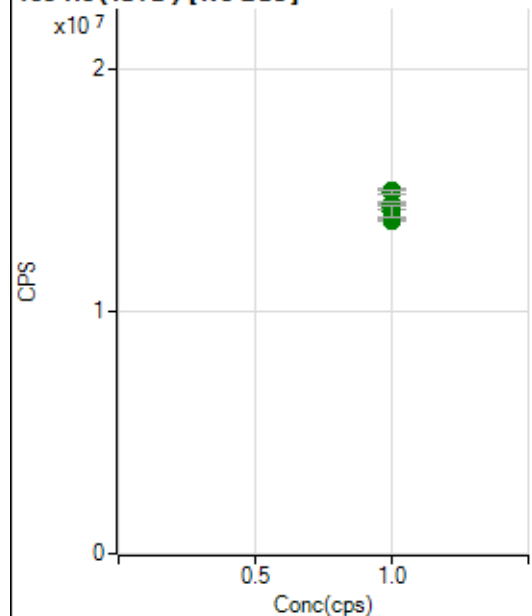
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3247976.40		A	0.5
2	☐	1.000		3269653.84		A	1.2
3	☐	1.000		3294775.51		A	0.8
4	☐	1.000		3384342.28		A	1.7
5	☐	1.000		3343076.84		A	2.4
6	☐	1.000		3282777.23		A	1.4
7	☐	1.000		3119590.68		A	13.
8	☐	1.000		3109168.65		A	1.1

159 Tb (ISTD) [No Gas]

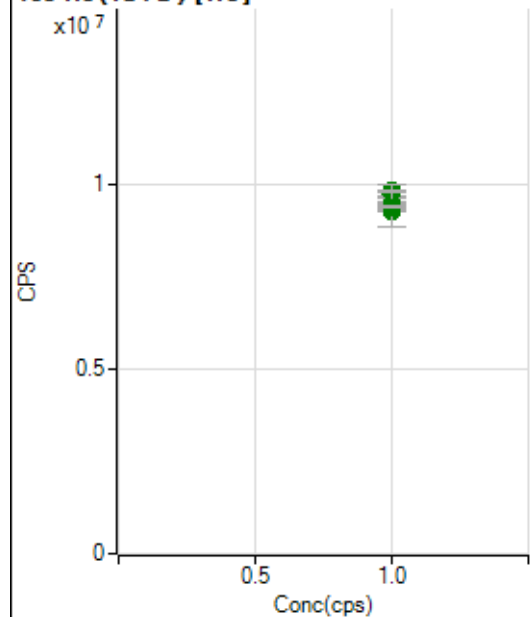
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14199611.46		A	0.1
2	☐	1.000		14165005.62		A	0.2
3	☐	1.000		14289672.28		A	0.9
4	☐	1.000		14826550.48		A	1.4
5	☐	1.000		14892777.00		A	1.8
6	☐	1.000		15378569.08		A	2.1
7	☐	1.000		15332553.24		A	0.9
8	☐	1.000		14635657.28		A	2.1

159 Tb (ISTD) [He]

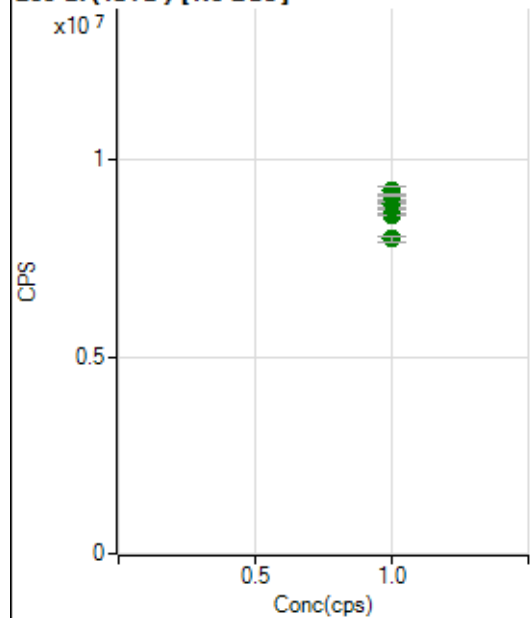
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9158875.97		A	0.2
2	☐	1.000		9192780.97		A	0.8
3	☐	1.000		9377615.48		A	1.1
4	☐	1.000		9649068.33		A	0.4
5	☐	1.000		9627086.73		A	1.9
6	☐	1.000		9628194.65		A	0.6
7	☐	1.000		9333414.51		A	11.
8	☐	1.000		9184519.17		A	1.0

165 Ho (ISTD) [No Gas]

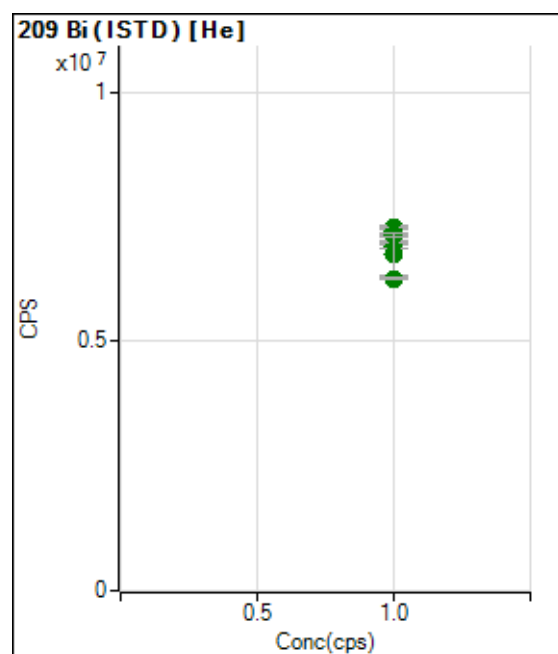
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		13783826.18		A	0.3
2	☐	1.000		13694420.49		A	0.1
3	☐	1.000		13865339.38		A	0.3
4	☐	1.000		14293176.73		A	1.8
5	☐	1.000		14445699.79		A	1.1
6	☐	1.000		14962383.25		A	1.5
7	☐	1.000		14916651.17		A	0.7
8	☐	1.000		14127144.37		A	3.2

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9283147.16		A	0.5
2	☐	1.000		9359386.32		A	0.9
3	☐	1.000		9508274.79		A	0.7
4	☐	1.000		9742349.30		A	1.6
5	☐	1.000		9841362.56		A	3.2
6	☐	1.000		9823239.99		A	0.5
7	☐	1.000		9444534.51		A	12.
8	☐	1.000		9399107.29		A	0.7

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8617208.41		A	0.5
2	☐	1.000		8590430.43		A	0.3
3	☐	1.000		8790725.08		A	1.5
4	☐	1.000		8863678.06		A	1.4
5	☐	1.000		8948702.02		A	0.9
6	☐	1.000		9206541.88		A	2.1
7	☐	1.000		9098423.47		A	0.2
8	☐	1.000		7992106.13		A	1.7



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6912025.80		A	1.0
2	☐	1.000		7017993.51		A	0.7
3	☐	1.000		7143434.34		A	1.2
4	☐	1.000		7283728.16		A	0.9
5	☐	1.000		7215124.82		A	2.5
6	☐	1.000		7149622.46		A	1.4
7	☐	1.000		6752425.52		A	12.
8	☐	1.000		6267138.10		A	0.8