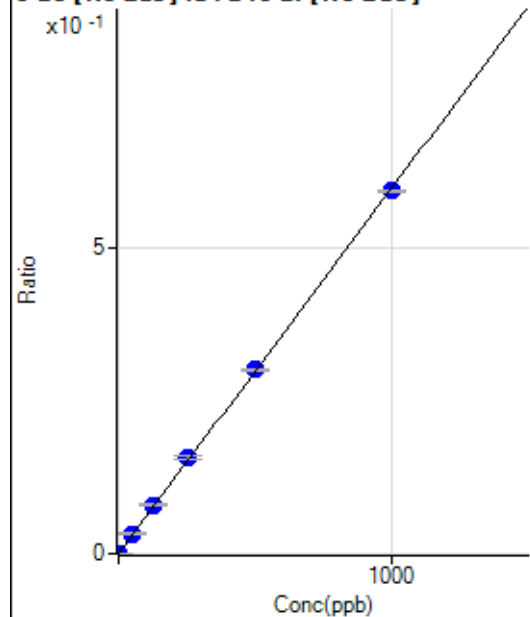


Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7113023-MS3.b\
 Analysis File: P7113023-MS3.batch.bin
 DA Date-Time: 2023-11-30 14:04:39
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2023-11-30 13:12:57
2	008CALS.d	S02	2023-11-30 13:19:45
3	009CALS.d	S03	2023-11-30 13:23:05
4	010CALS.d	S04	2023-11-30 13:26:26
5	011CALS.d	S05	2023-11-30 13:29:36
6	012CALS.d	S06	2023-11-30 13:32:38
7	014CALS.d	S07	2023-11-30 13:38:53
8	015CALS.d	S08	2023-11-30 13:41:46

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0001	P	27.8
2	☐	1.000	1.065	675.58	0.0007	P	2.7
3	☐	50.000	54.187	30064.65	0.0323	P	4.0
4	☐	125.000	133.878	72549.27	0.0798	P	1.7
5	☐	250.000	262.212	139403.25	0.1561	P	3.3
6	☐	500.000	503.941	266014.66	0.3000	P	1.3
7	☐	1000.000	993.657	510402.21	0.5915	P	0.7
8	☐			536.68	0.0007	P	10.8

$$y = 5.9514\text{E-}004 * x + 8.8556\text{E-}005$$

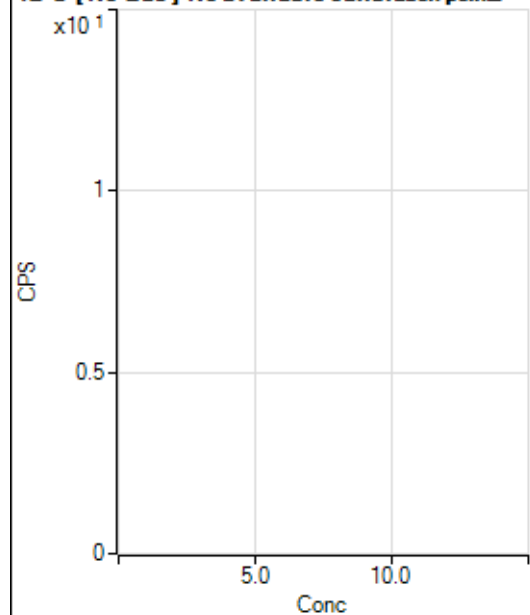
$$R = 0.9999$$

$$DL = 0.124$$

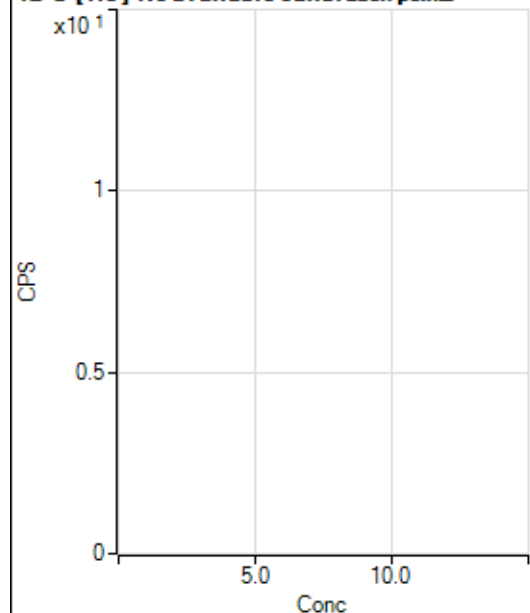
$$BEC = 0.1488$$

Weight: <None>

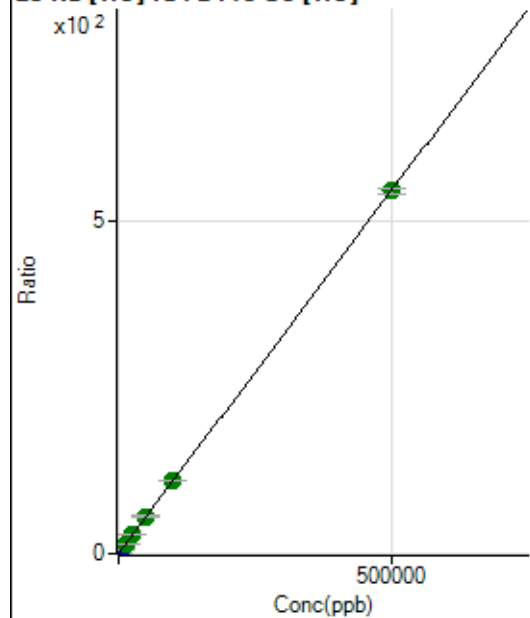
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j 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	6871.60	0.0418	P	3.4
2	☐	500.000	477.352	92826.22	0.5630	P	2.2
3	☐	5000.000	5476.917	971130.83	6.0219	P	0.9
4	☐	12500.000	13271.642	2209395.42	14.5327	A	1.8
5	☐	25000.000	25897.129	4214155.28	28.3182	A	1.0
6	☐	50000.000	51364.186	8271180.09	56.1250	A	1.2
7	☐	100000.00	101447.88	16071733.93	110.8101	A	0.6
8	☐	500000.00	499505.11	74592630.00	545.4386	A	1.4

$$y = 0.0011 * x + 0.0418$$

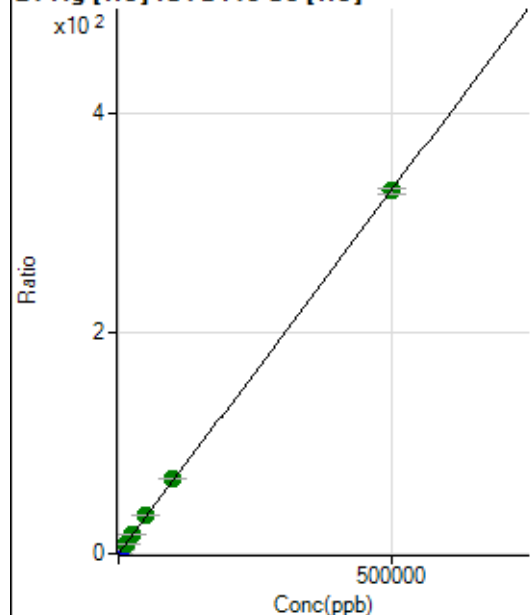
$$R = 1.0000$$

$$DL = 3.851$$

$$BEC = 38.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.90	0.0024	P	13.3
2	☐	500.000	493.144	54058.99	0.3278	P	1.9
3	☐	5000.000	5580.795	594383.45	3.6857	P	1.0
4	☐	12500.000	13415.658	1346598.63	8.8568	A	1.2
5	☐	25000.000	26720.432	2624882.56	17.6381	A	0.3
6	☐	50000.000	52270.370	5084621.52	34.5012	A	0.5
7	☐	100000.00	102862.27	9847127.84	67.8923	A	0.7
8	☐	500000.00	499085.79	45047274.89	329.4032	A	1.7

$$y = 6.6001\text{E-}004 * x + 0.0024$$

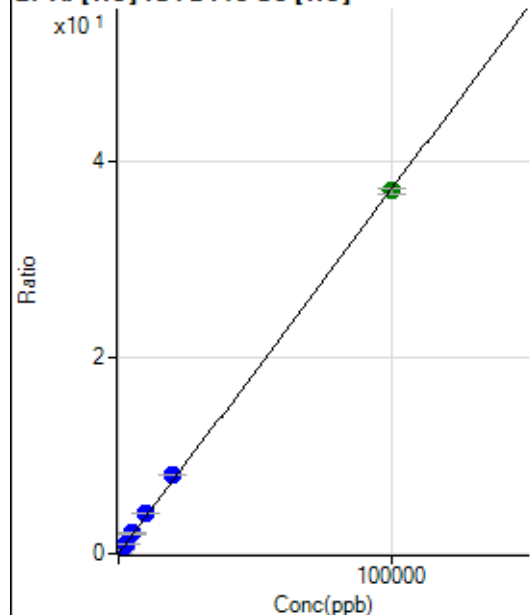
$$R = 1.0000$$

$$DL = 1.433$$

$$BEC = 3.582$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	135.56	0.0008	P	11.7
2	☐	20.000	19.486	1327.85	0.0080	P	1.7
3	☐	1000.000	1106.917	66323.49	0.4113	P	1.1
4	☐	2500.000	2814.483	158801.72	1.0444	P	1.0
5	☐	5000.000	5553.468	306565.81	2.0601	P	0.5
6	☐	10000.000	10925.772	597181.41	4.0521	P	0.5
7	☐	20000.000	21586.833	1161076.10	8.0053	P	0.6
8	☐	100000.00	99553.452	5048283.26	36.9156	A	1.9

$$y = 3.7080\text{E-}004 * x + 8.2402\text{E-}004$$

$$R = 0.9998$$

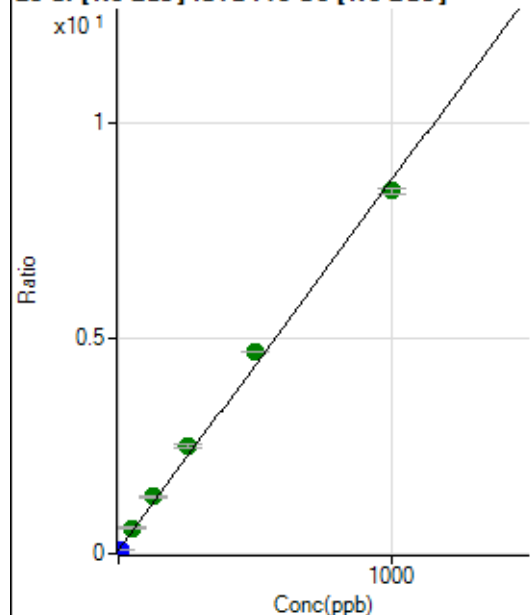
$$DL = 0.7826$$

$$BEC = 2.222$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	182614.74	0.0845	P	3.1
2	☐	10.000	0.365	193598.38	0.0877	P	1.2
3	☐	50.000	59.260	1288621.67	0.5933	A	4.0
4	☐	125.000	143.970	2736677.39	1.3206	A	1.2
5	☐	250.000	280.137	5030696.80	2.4896	A	3.2
6	☐	500.000	536.518	9345105.28	4.6907	A	0.5
7	☐	1000.000	971.469	16433294.06	8.4249	A	1.5
8	☐			206575.02	0.1123	P	1.6

$$y = 0.0086 * x + 0.0845$$

$$R = 0.9982$$

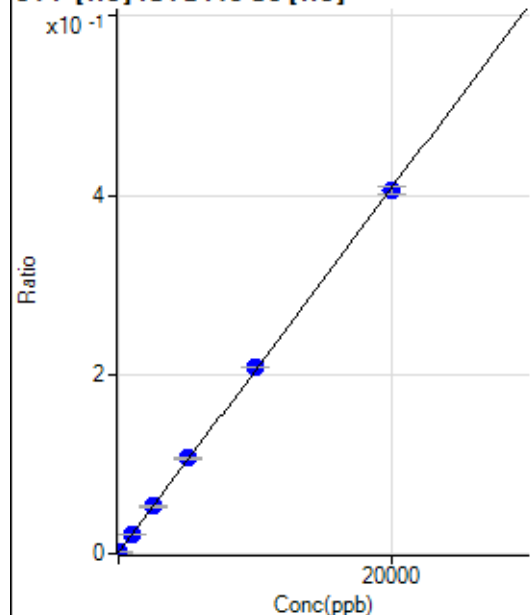
$$DL = 0.9282$$

$$BEC = 9.848$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-12.369	136.67	0.0008	P	6.4
2	☐	0.000	12.369	220.00	0.0013	P	4.6
3	☐	1000.000	1009.903	3487.10	0.0216	P	3.3
4	☐	2500.000	2566.837	8104.44	0.0533	P	3.8
5	☐	5000.000	5174.736	15824.91	0.1063	P	0.5
6	☐	10000.000	10182.237	30682.97	0.2082	P	0.9
7	☐	20000.000	19856.348	58735.40	0.4050	P	2.0
8	☐			145.56	0.0011	P	32.0

$$y = 2.0341E-005 * x + 0.0011$$

$$R = 0.9999$$

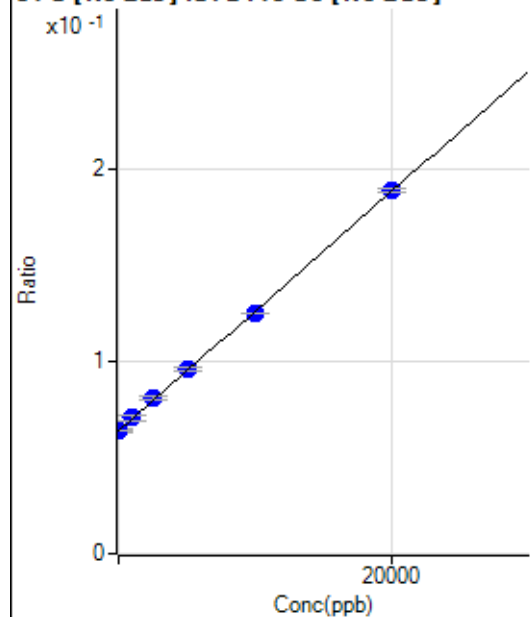
$$DL = 8.411$$

$$BEC = 53.2$$

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	-13.542	138060.00	0.0639	P	3.0
2	☐	0.000	13.542	141500.90	0.0641	P	1.3
3	☐	1000.000	1070.646	153500.56	0.0707	P	4.0
4	☐	2500.000	2770.723	168452.21	0.0813	P	2.5
5	☐	5000.000	5198.529	194914.95	0.0964	P	2.2
6	☐	10000.000	9784.672	249160.57	0.1251	P	0.3
7	☐	20000.000	20020.659	368548.07	0.1889	P	1.1
8	☐			116094.46	0.0631	P	1.3

$$y = 6.2405E-006 * x + 0.0640$$

$$R = 0.9998$$

$$DL = 666.4$$

$$BEC = 1.026E+04$$

Weight: <None>

Min Conc: 0

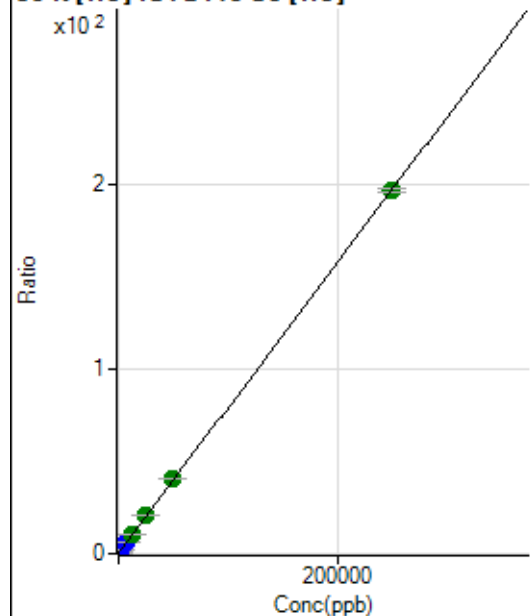
35 Cl [No Gas] No available calibration points



	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	41529.93	0.2524	P	0.4
2	☐	500.000	500.113	106416.21	0.6454	P	1.9
3	☐	2500.000	2788.549	394070.35	2.4436	P	1.1
4	☐	6250.000	7144.879	892027.03	5.8669	P	1.1
5	☐	12500.000	13075.480	1566575.48	10.5272	A	0.7
6	☐	25000.000	25658.951	3008778.25	20.4153	A	0.1
7	☐	50000.000	51002.211	5849388.24	40.3302	A	0.6
8	☐	250000.00	249679.63	26866931.27	196.4523	A	1.0

$$y = 7.8581E-004 * x + 0.2524$$

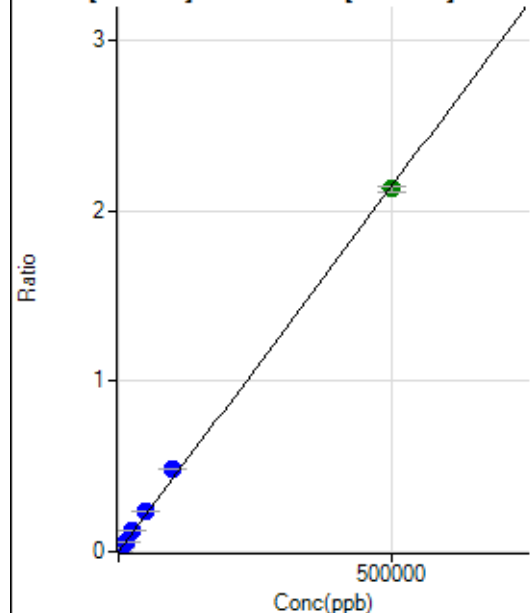
$$R = 1.0000$$

$$DL = 4.257$$

$$BEC = 321.2$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.34	0.0002	P	6.3
2	☐	500.000	449.068	4646.31	0.0021	P	3.4
3	☐	5000.000	5757.426	53905.27	0.0248	P	4.6
4	☐	12500.000	14259.824	126855.45	0.0612	P	1.5
5	☐	25000.000	28269.198	244872.72	0.1212	P	2.8
6	☐	50000.000	55630.147	474716.12	0.2383	P	0.8
7	☐	100000.00	112417.78	938891.07	0.4813	P	0.9
8	☐	500000.00	496738.44	3909251.12	2.1263	A	1.3

$$y = 4.2801\text{E-}006 * x + 1.8199\text{E-}004$$

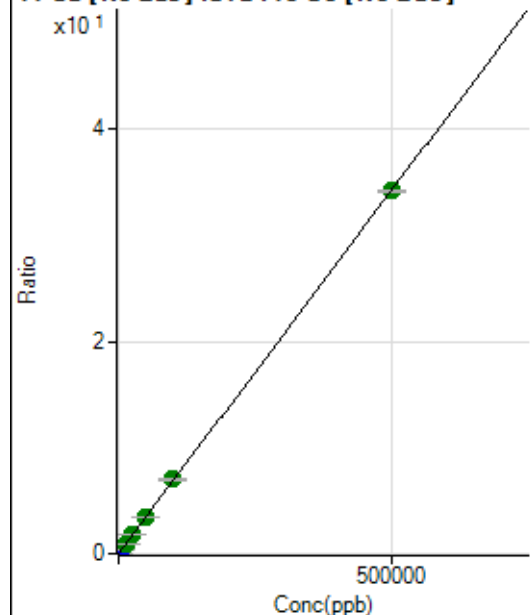
$$R = 0.9996$$

$$DL = 8.095$$

$$BEC = 42.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3821.63	0.0018	P	2.9
2	☐	500.000	469.175	74813.39	0.0339	P	1.6
3	☐	5000.000	5572.532	832192.34	0.3832	P	4.0
4	☐	12500.000	12969.724	1843589.81	0.8895	A	1.1
5	☐	25000.000	25662.680	3553117.24	1.7583	A	3.2
6	☐	50000.000	50288.557	6861222.05	3.4440	A	0.5
7	☐	100000.00	102292.08	13660986.88	7.0035	A	1.0
8	☐	500000.00	499462.15	62863182.95	34.1893	A	0.4

$$y = 6.8449\text{E-}005 * x + 0.0018$$

$$R = 1.0000$$

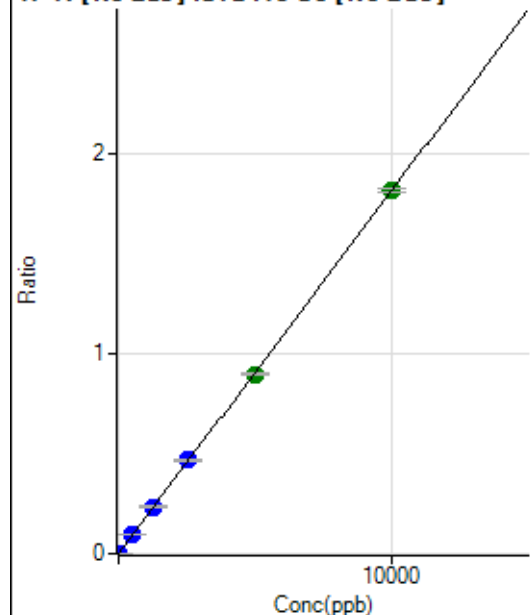
$$DL = 2.253$$

$$BEC = 25.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.56	0.0000	P	14.5
2	☐	5.000	4.570	1912.36	0.0009	P	2.4
3	☐	500.000	517.836	204583.15	0.0942	P	3.9
4	☐	1250.000	1297.350	489003.20	0.2360	P	1.3
5	☐	2500.000	2575.620	946538.10	0.4684	P	3.2
6	☐	5000.000	4950.766	1793733.17	0.9003	A	0.4
7	☐	10000.000	9998.901	3546887.93	1.8184	A	0.9
8	☐			754.47	0.0004	P	8.8

$$y = 1.8185E-004 * x + 3.4897E-005$$

$$R = 0.9999$$

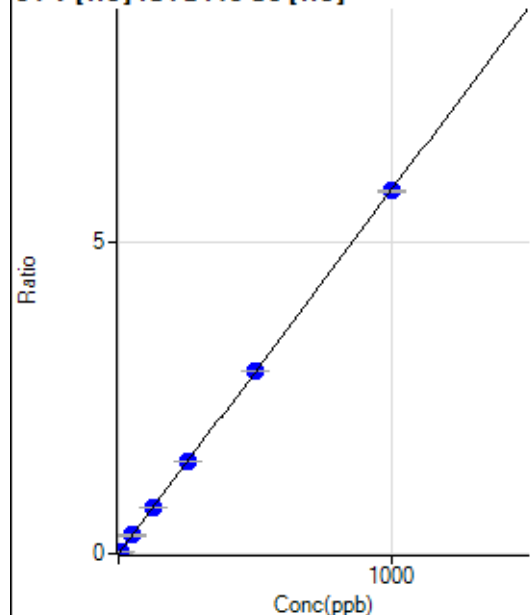
$$DL = 0.08362$$

$$BEC = 0.1919$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0001	P	32.9
2	☐	5.000	4.430	4278.43	0.0259	P	1.3
3	☐	50.000	50.358	47463.15	0.2943	P	1.3
4	☐	125.000	128.253	113954.82	0.7495	P	1.1
5	☐	250.000	255.024	221775.50	1.4903	P	0.7
6	☐	500.000	501.754	432103.61	2.9320	P	0.7
7	☐	1000.000	997.445	845365.96	5.8286	P	0.7
8	☐			200.00	0.0015	P	13.0

$$y = 0.0058 * x + 6.0714E-005$$

$$R = 1.0000$$

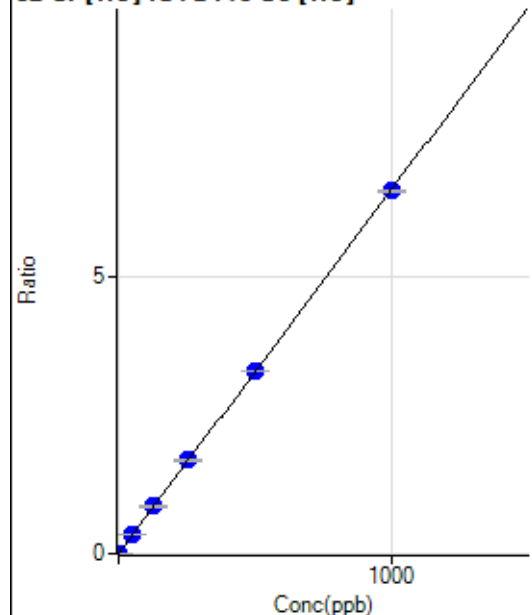
$$DL = 0.01026$$

$$BEC = 0.01039$$

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	354.45	0.0022	P	9.3
2	☐	2.000	1.877	2385.77	0.0145	P	1.6
3	☐	50.000	51.155	54466.68	0.3378	P	1.6
4	☐	125.000	129.417	129417.11	0.8512	P	1.7
5	☐	250.000	256.651	250882.80	1.6859	P	1.2
6	☐	500.000	502.469	486133.84	3.2986	P	0.4
7	☐	1000.000	996.493	948517.89	6.5397	P	0.6
8	☐			2562.47	0.0187	P	5.1

$$y = 0.0066 * x + 0.0022$$

$$R = 1.0000$$

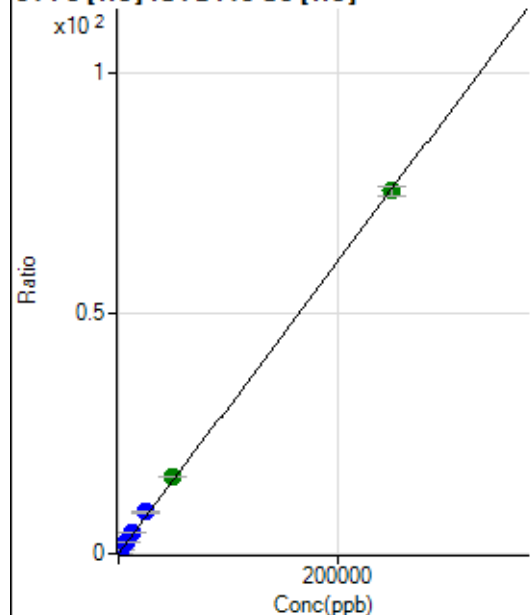
$$DL = 0.09196$$

$$BEC = 0.3283$$

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	733.36	0.0045	P	3.3
2	☐	50.000	54.273	3450.43	0.0209	P	4.3
3	☐	2500.000	2875.432	141475.79	0.8773	P	1.6
4	☐	6250.000	7329.130	338929.64	2.2292	P	1.4
5	☐	12500.000	14551.787	657999.26	4.4217	P	0.9
6	☐	25000.000	28432.858	1272627.02	8.6354	P	0.6
7	☐	50000.000	52549.831	2314277.60	15.9562	A	0.4
8	☐	250000.00	249013.42	10337060.89	75.5934	A	2.6

$$y = 3.0355E-004 * x + 0.0045$$

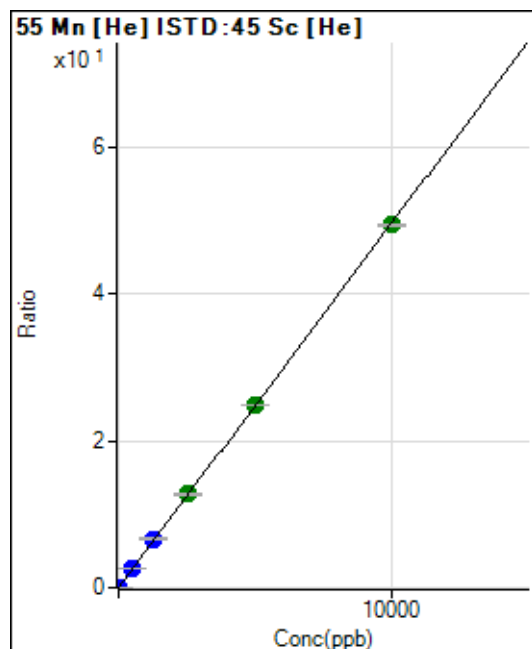
$$R = 0.9999$$

$$DL = 1.434$$

$$BEC = 14.68$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0006	P	11.0
2	☐	1.000	0.944	864.48	0.0052	P	8.4
3	☐	500.000	527.734	422392.23	2.6194	P	2.1
4	☐	1250.000	1339.818	1010992.43	6.6493	P	1.1
5	☐	2500.000	2569.681	1897646.65	12.7525	A	1.5
6	☐	5000.000	5022.069	3673042.87	24.9223	A	0.3
7	☐	10000.000	9958.932	7167883.57	49.4212	A	0.7
8	☐			3636.03	0.0266	P	1.5

$$y = 0.0050 * x + 5.5361E-004$$

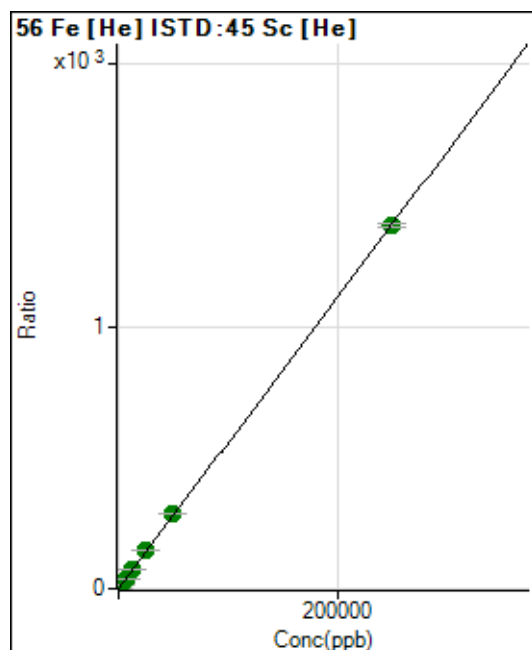
$$R = 0.9999$$

$$DL = 0.03691$$

$$BEC = 0.1116$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5385.45	0.0327	P	4.3
2	☐	50.000	50.745	51753.06	0.3139	P	2.8
3	☐	2500.000	2670.244	2391143.02	14.8280	A	1.9
4	☐	6250.000	6700.143	5649802.00	37.1568	A	0.9
5	☐	12500.000	13370.338	11028866.92	74.1149	A	1.4
6	☐	25000.000	26297.858	21478445.79	145.7435	A	1.0
7	☐	50000.000	51618.637	41485757.16	286.0404	A	1.1
8	☐	250000.00	249490.01	189056363.8	1,382.402	A	1.2

$$y = 0.0055 * x + 0.0327$$

$$R = 1.0000$$

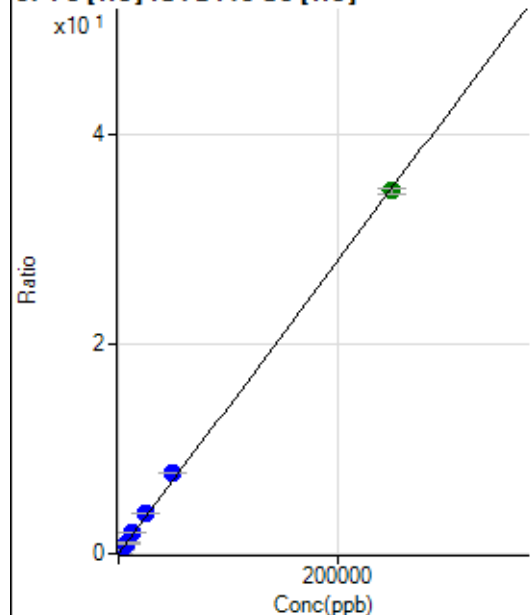
$$DL = 0.7632$$

$$BEC = 5.907$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	411.12	0.0025	P	5.1
2	☐	50.000	54.053	1652.33	0.0100	P	3.4
3	☐	2500.000	2857.724	64552.15	0.4003	P	1.2
4	☐	6250.000	7207.782	152936.06	1.0058	P	0.9
5	☐	12500.000	14348.641	297596.79	1.9998	P	0.6
6	☐	25000.000	28085.181	576506.67	3.9119	P	0.8
7	☐	50000.000	55483.906	1120520.16	7.7257	P	0.8
8	☐	250000.00	248474.74	4730242.46	34.5896	A	1.7

$$y = 1.3920\text{E-}004 * x + 0.0025$$

$$R = 0.9997$$

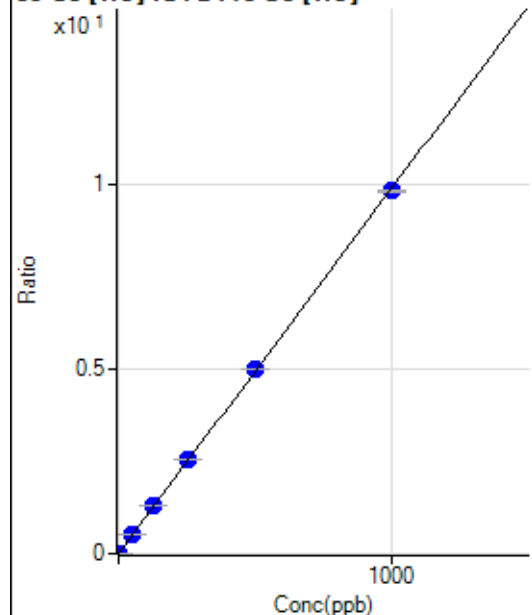
$$DL = 2.735$$

$$BEC = 17.95$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	60.00	0.0004	P	14.3
2	☐	1.000	0.987	1669.00	0.0101	P	1.0
3	☐	50.000	52.172	83209.76	0.5160	P	0.7
4	☐	125.000	130.600	196308.83	1.2910	P	0.6
5	☐	250.000	259.472	381648.86	2.5646	P	0.9
6	☐	500.000	506.152	737233.81	5.0025	P	0.8
7	☐	1000.000	993.748	1424469.58	9.8213	P	0.5
8	☐			4269.54	0.0312	P	3.0

$$y = 0.0099 * x + 3.6448\text{E-}004$$

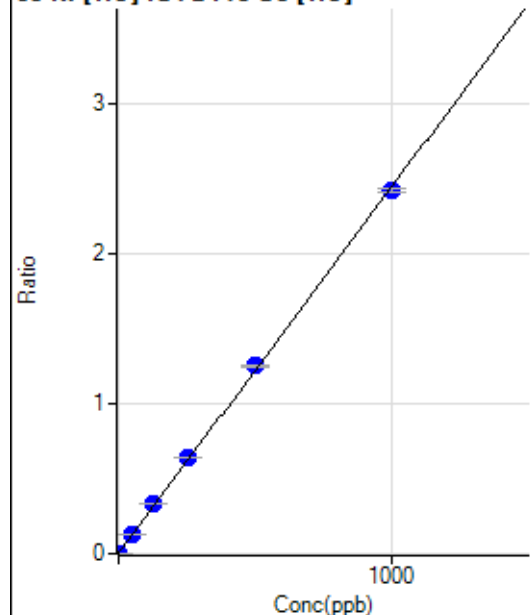
$$R = 0.9999$$

$$DL = 0.01581$$

$$BEC = 0.03688$$

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	333.34	0.0020	P	8.8
2	☐	1.000	0.948	714.47	0.0043	P	10.8
3	☐	50.000	52.853	21116.08	0.1309	P	1.6
4	☐	125.000	134.474	50178.11	0.3300	P	1.3
5	☐	250.000	263.147	95819.82	0.6439	P	0.7
6	☐	500.000	511.194	184059.79	1.2489	P	0.9
7	☐	1000.000	989.789	350455.12	2.4163	P	1.1
8	☐			1318.96	0.0096	P	5.9

$$y = 0.0024 * x + 0.0020$$

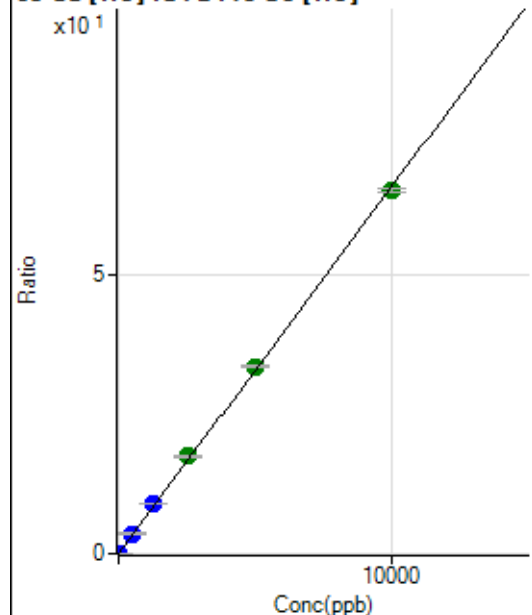
$$R = 0.9998$$

$$DL = 0.2184$$

$$BEC = 0.8303$$

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	434.46	0.0026	P	19.9
2	☐	2.000	1.819	2410.22	0.0146	P	5.6
3	☐	500.000	547.870	582479.39	3.6119	P	1.0
4	☐	1250.000	1374.320	1376976.61	9.0565	P	1.3
5	☐	2500.000	2656.021	2604028.42	17.5001	A	2.3
6	☐	5000.000	5104.352	4956256.73	33.6294	A	0.3
7	☐	10000.000	9890.885	9450922.57	65.1623	A	0.9
8	☐			2859.19	0.0209	P	1.6

$$y = 0.0066 * x + 0.0026$$

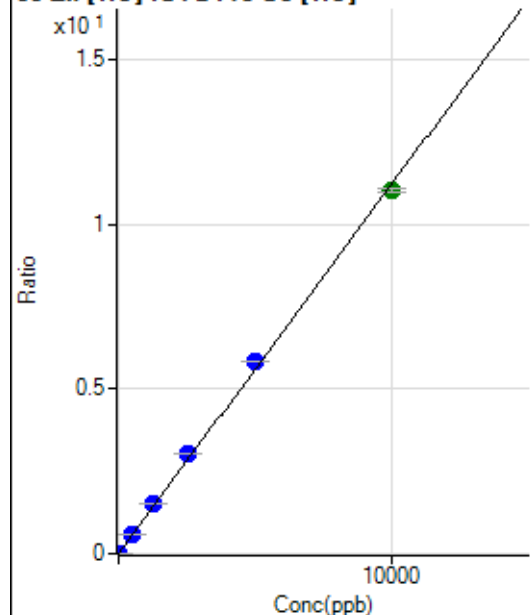
$$R = 0.9997$$

$$DL = 0.2387$$

$$BEC = 0.4006$$

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	113.33	0.0007	P	3.2
2	☐	2.000	2.341	546.68	0.0033	P	12.2
3	☐	500.000	539.252	97477.43	0.6045	P	1.6
4	☐	1250.000	1365.869	232629.99	1.5300	P	1.1
5	☐	2500.000	2701.682	450246.15	3.0257	P	1.4
6	☐	5000.000	5211.759	860098.96	5.8362	P	0.6
7	☐	10000.000	9827.254	1595964.66	11.0040	A	1.0
8	☐			1470.09	0.0108	P	7.2

$$y = 0.0011 * x + 6.8875E-004$$

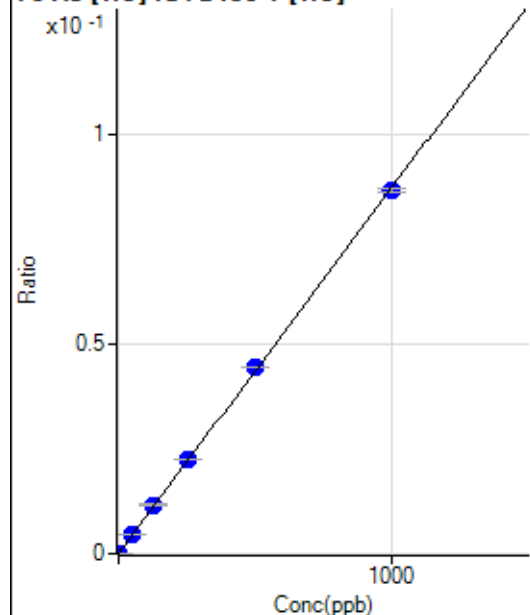
$$R = 0.9994$$

$$DL = 0.05859$$

$$BEC = 0.6151$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.098	143.34	0.0001	P	28.5
3	☐	50.000	50.991	6321.40	0.0045	P	2.6
4	☐	125.000	133.627	15453.71	0.0117	P	4.1
5	☐	250.000	258.385	30128.34	0.0225	P	0.7
6	☐	500.000	508.936	58659.69	0.0444	P	0.2
7	☐	1000.000	992.307	113678.65	0.0866	P	1.1
8	☐			56.67	0.0000	P	34.2

$$y = 8.7241E-005 * x + 3.0760E-006$$

$$R = 0.9999$$

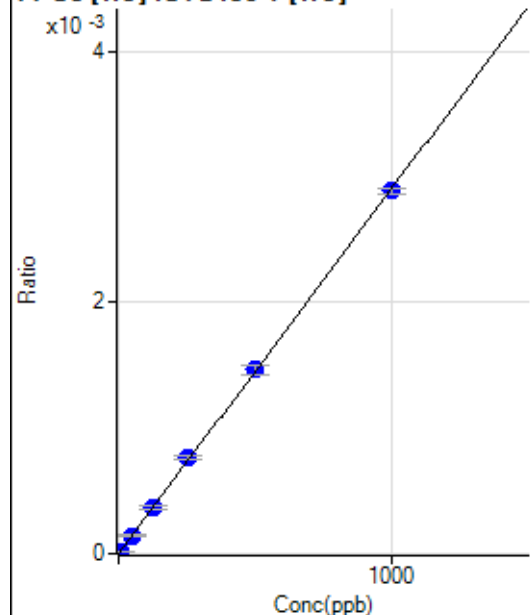
$$DL = 0.1215$$

$$BEC = 0.03526$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.535	23.33	0.0000	P	36.8
3	☐	50.000	49.817	205.56	0.0001	P	12.4
4	☐	125.000	126.551	487.79	0.0004	P	7.4
5	☐	250.000	264.314	1026.71	0.0008	P	4.3
6	☐	500.000	503.485	1933.48	0.0015	P	6.1
7	☐	1000.000	994.492	3796.09	0.0029	P	1.9
8	☐			20.00	0.0000	P	43.7

$$y = 2.9070\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

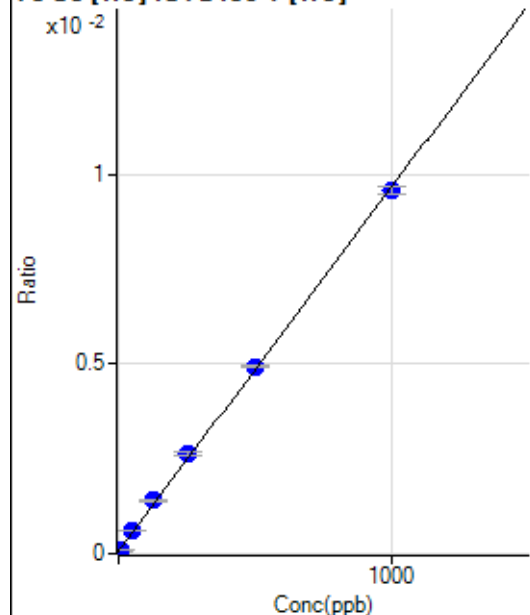
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	93.33	0.0001	P	12.4
2	☐	5.000	3.285	138.89	0.0001	P	12.5
3	☐	50.000	55.143	843.37	0.0006	P	2.0
4	☐	125.000	138.884	1853.47	0.0014	P	2.3
5	☐	250.000	268.997	3537.12	0.0026	P	4.6
6	☐	500.000	506.959	6514.82	0.0049	P	1.3
7	☐	1000.000	989.787	12562.08	0.0096	P	2.0
8	☐			116.67	0.0001	P	21.0

$$y = 9.6006\text{E-}006 * x + 6.4481\text{E-}005$$

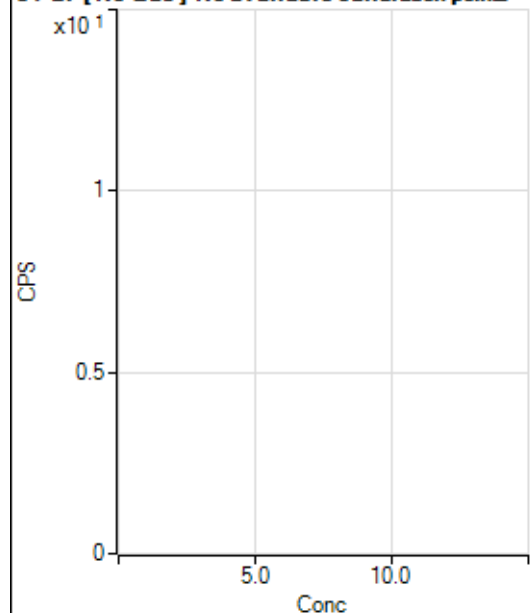
$$R = 0.9997$$

$$DL = 2.494$$

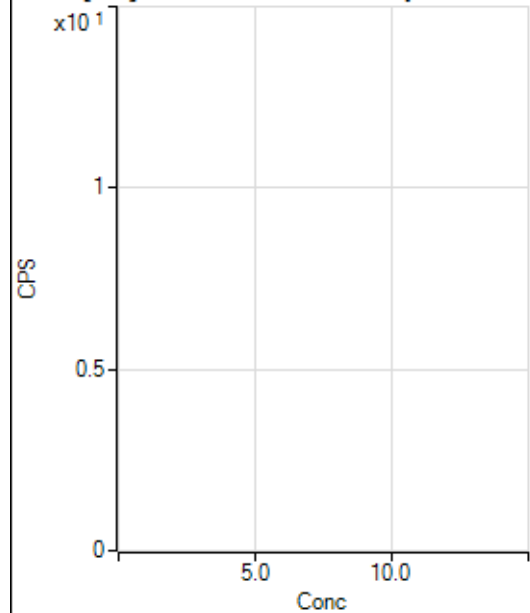
$$BEC = 6.716$$

Weight: <None>

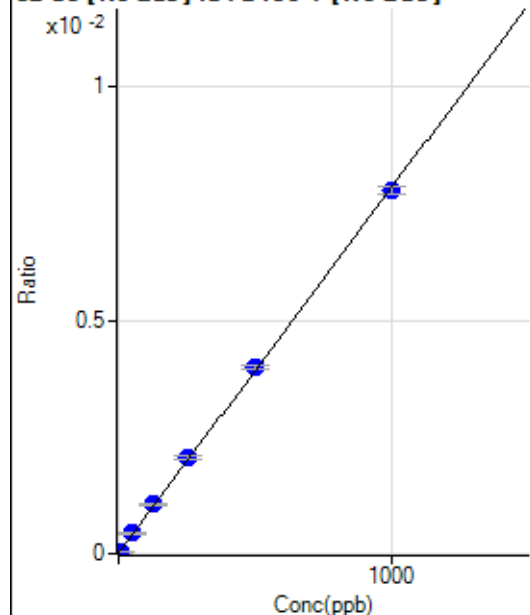
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17955.44		P	1.3
2	☐			18044.49		P	1.0
3	☐			17800.89		P	1.4
4	☐			16718.47		P	1.8
5	☐			16026.58		P	0.9
6	☐			15749.61		P	1.2
7	☐			16027.67		P	1.8
8	☐			15671.75		P	0.4

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	33.3
2	☐			35.56		P	5.4
3	☐			31.11		P	24.7
4	☐			28.89		P	24.0
5	☐			44.44		P	43.3
6	☐			36.67		P	32.8
7	☐			51.11		P	35.9
8	☐			194.45		P	2.0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.56	0.0000	P	25.8
2	☐	5.000	4.841	315.68	0.0000	P	6.9
3	☐	50.000	54.358	2726.04	0.0004	P	4.6
4	☐	125.000	133.478	6365.65	0.0011	P	2.0
5	☐	250.000	263.049	12286.30	0.0021	P	4.1
6	☐	500.000	508.434	23546.74	0.0040	P	1.3
7	☐	1000.000	991.244	46172.57	0.0078	P	1.9
8	☐			340.05	0.0001	P	6.1

$$y = 7.8261\text{E-}006 * x + 1.1524\text{E-}005$$

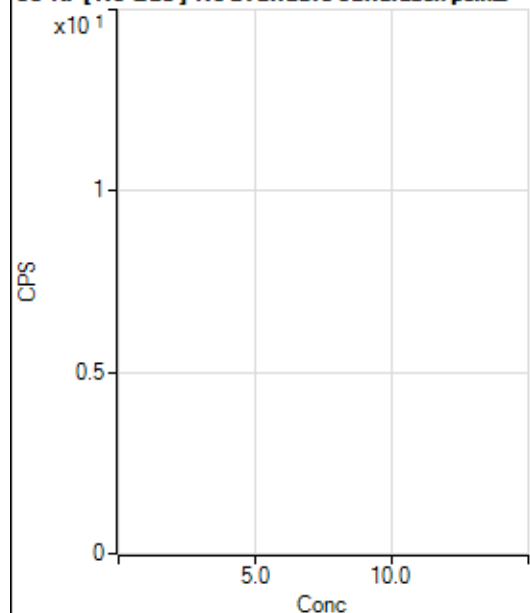
$$R = 0.9998$$

$$DL = 1.139$$

$$BEC = 1.473$$

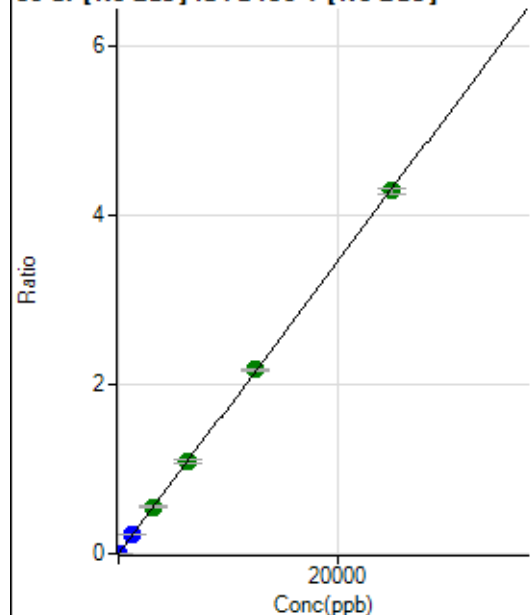
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			58.89		P	22.9
2	☐			63.34		P	32.9
3	☐			68.89		P	7.4
4	☐			63.33		P	34.5
5	☐			60.00		P	14.7
6	☐			41.11		P	40.8
7	☐			74.45		P	9.3
8	☐			78.89		P	31.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	31.7
2	☐	1.000	0.878	1117.83	0.0002	P	4.5
3	☐	1250.000	1319.722	1417807.67	0.2272	P	2.6
4	☐	3125.000	3221.665	3342955.47	0.5546	A	1.7
5	☐	6250.000	6335.313	6473517.19	1.0906	A	3.5
6	☐	12500.000	12630.491	12829939.25	2.1744	A	1.1
7	☐	25000.000	24897.857	25474592.68	4.2862	A	1.4
8	☐			4441.84	0.0008	P	6.1

$$y = 1.7215\text{E-}004 * x + 2.3754\text{E-}005$$

$$R = 1.0000$$

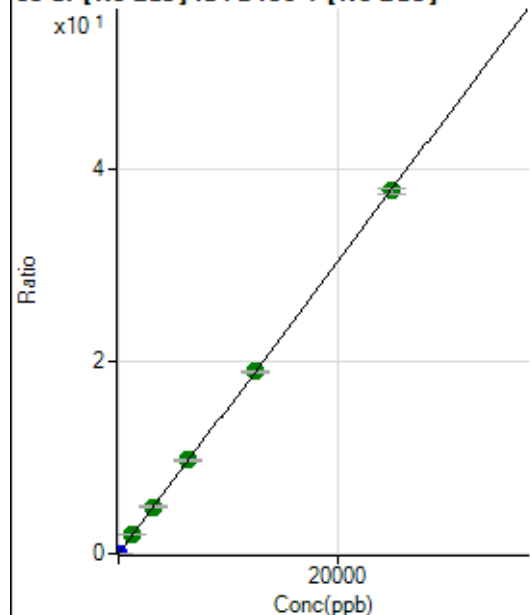
$$DL = 0.1311$$

$$BEC = 0.138$$

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	447.79	0.0001	P	6.5
2	☐	1.000	0.896	9126.22	0.0014	P	1.0
3	☐	1250.000	1283.813	12129705.93	1.9439	A	2.9
4	☐	3125.000	3228.027	29460350.67	4.8877	A	1.4
5	☐	6250.000	6412.872	57629193.03	9.7099	A	3.9
6	☐	12500.000	12531.408	111958257.2	18.9740	A	0.9
7	☐	25000.000	24929.009	224333492.2	37.7454	A	1.6
8	☐			38921.90	0.0071	P	7.9

$$y = 0.0015 * x + 7.1754\text{E-}005$$

$$R = 1.0000$$

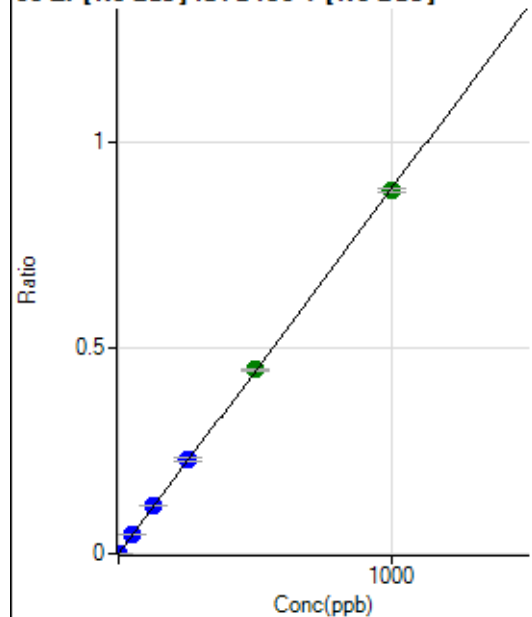
$$DL = 0.009193$$

$$BEC = 0.04739$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	218.89	0.0000	P	3.4
2	☐	1.000	0.862	5098.71	0.0008	P	1.6
3	☐	50.000	52.104	287826.37	0.0461	P	2.6
4	☐	125.000	130.344	695212.62	0.1153	P	0.9
5	☐	250.000	259.774	1363988.07	0.2298	P	4.2
6	☐	500.000	504.958	2635874.27	0.4467	A	1.0
7	☐	1000.000	994.305	5228153.32	0.8796	A	1.0
8	☐			2703.61	0.0005	P	4.8

$$y = 8.8459\text{E-}004 * x + 3.5038\text{E-}005$$

$$R = 0.9999$$

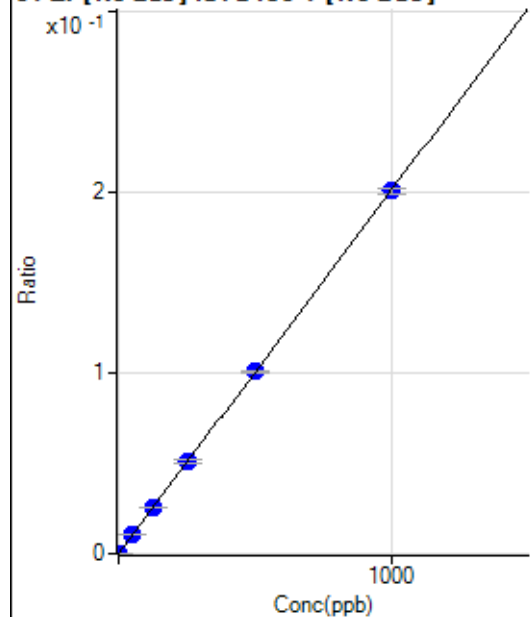
$$DL = 0.004055$$

$$BEC = 0.03961$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.22	0.0000	P	7.3
2	☐	1.000	0.823	1110.05	0.0002	P	5.4
3	☐	50.000	51.390	64501.94	0.0103	P	1.8
4	☐	125.000	128.020	155104.03	0.0257	P	0.6
5	☐	250.000	255.181	304383.11	0.0513	P	3.5
6	☐	500.000	500.712	593695.10	0.1006	P	1.0
7	☐	1000.000	997.902	1191742.05	0.2005	P	1.6
8	☐			596.69	0.0001	P	13.9

$$y = 2.0093\text{E-}004 * x + 8.3758\text{E-}006$$

$$R = 1.0000$$

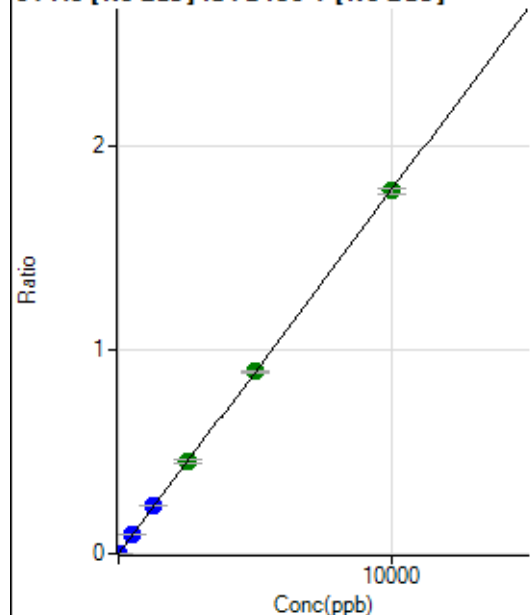
$$DL = 0.009142$$

$$BEC = 0.04169$$

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	167.78	0.0000	P	16.5
2	☐	5.000	5.059	5940.15	0.0009	P	1.3
3	☐	500.000	527.704	587643.09	0.0942	P	2.7
4	☐	1250.000	1313.732	1412919.56	0.2344	P	1.3
5	☐	2500.000	2556.102	2706486.52	0.4561	A	4.4
6	☐	5000.000	5002.441	5266350.86	0.8925	A	1.0
7	☐	10000.000	9975.402	10577168.31	1.7797	A	1.9
8	☐			3265.96	0.0006	P	8.0

$$y = 1.7841\text{E-}004 * x + 2.6984\text{E-}005$$

$$R = 1.0000$$

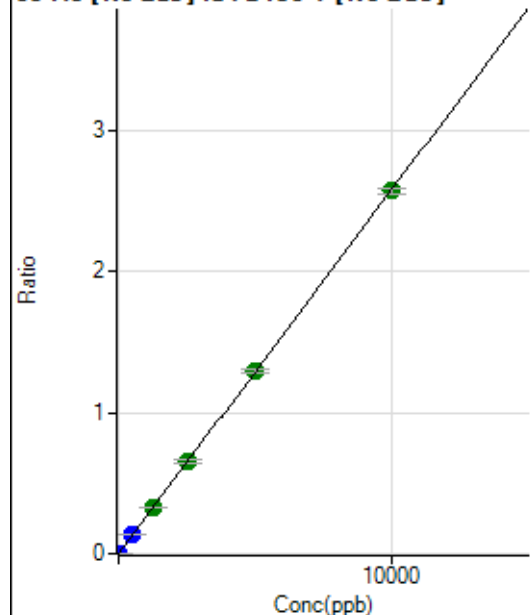
$$DL = 0.07504$$

$$BEC = 0.1512$$

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	422.23	0.0001	P	8.7
2	☐	5.000	4.259	7443.06	0.0012	P	0.5
3	☐	500.000	527.283	848120.85	0.1359	P	2.8
4	☐	1250.000	1271.280	1974710.41	0.3276	A	1.1
5	☐	2500.000	2539.801	3883195.26	0.6544	A	5.0
6	☐	5000.000	5024.403	7638652.32	1.2946	A	1.2
7	☐	10000.000	9973.825	15272605.88	2.5697	A	1.6
8	☐			4157.29	0.0008	P	3.5

$$y = 2.5764\text{E-}004 * x + 6.7579\text{E-}005$$

$$R = 1.0000$$

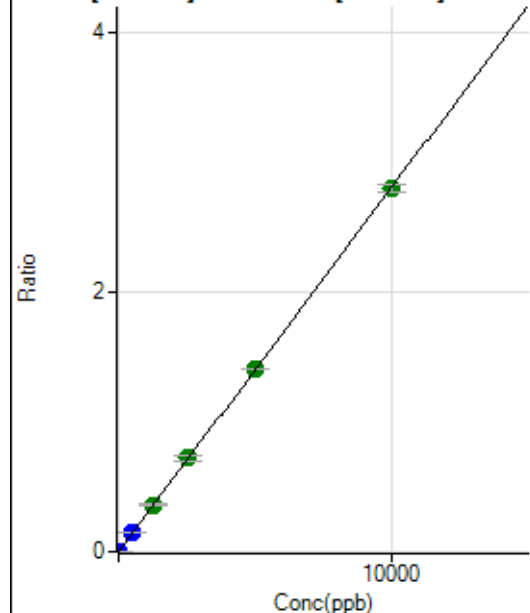
$$DL = 0.06851$$

$$BEC = 0.2623$$

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	74.45	0.0000	P	19.9
2	☐	5.000	4.469	8097.86	0.0013	P	2.0
3	☐	500.000	529.782	928714.83	0.1488	P	2.6
4	☐	1250.000	1286.856	2178997.66	0.3615	A	1.7
5	☐	2500.000	2569.974	4283964.14	0.7219	A	4.8
6	☐	5000.000	5022.465	8324872.03	1.4108	A	0.4
7	☐	10000.000	9965.178	16635941.56	2.7993	A	2.1
8	☐			7518.67	0.0014	P	5.9

$$y = 2.8090E-004 * x + 1.1872E-005$$

$$R = 1.0000$$

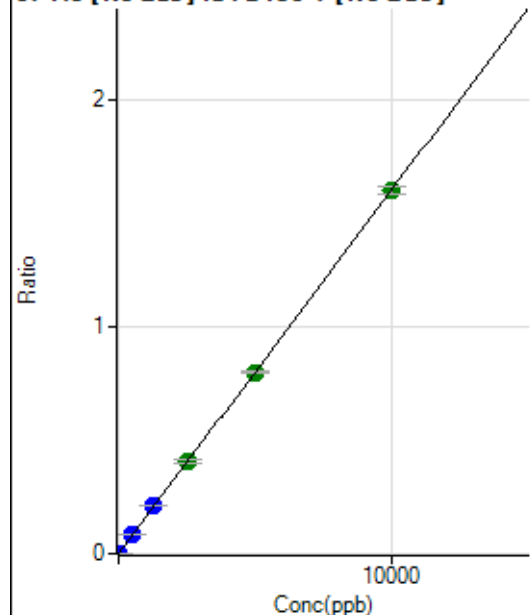
$$DL = 0.0252$$

$$BEC = 0.04226$$

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	86.67	0.0000	P	23.8
2	☐	5.000	4.341	4531.85	0.0007	P	1.7
3	☐	500.000	530.840	530617.27	0.0850	P	2.7
4	☐	1250.000	1321.999	1276299.14	0.2117	P	1.2
5	☐	2500.000	2548.896	2422925.43	0.4082	A	4.2
6	☐	5000.000	4995.186	4720758.54	0.8000	A	0.8
7	☐	10000.000	9979.641	9498855.28	1.5984	A	2.2
8	☐			2307.99	0.0004	P	9.8

$$y = 1.6016E-004 * x + 1.3888E-005$$

$$R = 1.0000$$

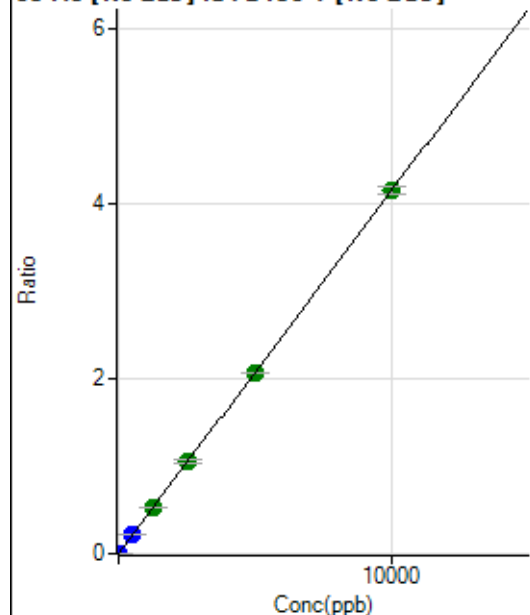
$$DL = 0.06196$$

$$BEC = 0.08671$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	66.67	0.0000	P	15.7
2	☐	5.000	4.308	11484.60	0.0018	P	1.4
3	☐	500.000	531.112	1374666.28	0.2203	P	2.2
4	☐	1250.000	1288.002	3220171.06	0.5342	A	1.0
5	☐	2500.000	2544.563	6263671.09	1.0553	A	4.1
6	☐	5000.000	4971.588	12166741.90	2.0619	A	0.2
7	☐	10000.000	9996.759	24640131.02	4.1461	A	2.0
8	☐			5804.55	0.0011	P	9.5

$$y = 4.1474\text{E-}004 * x + 1.0707\text{E-}005$$

$$R = 1.0000$$

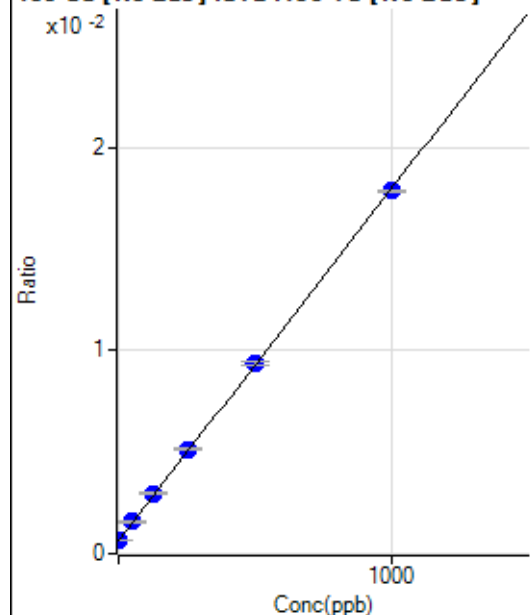
$$DL = 0.01216$$

$$BEC = 0.02582$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3229.29	0.0006	P	2.2
2	☐	1.000	1.672	3449.34	0.0007	P	3.6
3	☐	50.000	54.260	8129.00	0.0016	P	4.6
4	☐	125.000	134.613	14921.09	0.0030	P	2.2
5	☐	250.000	260.849	26214.84	0.0052	P	2.5
6	☐	500.000	504.356	47976.67	0.0094	P	1.3
7	☐	1000.000	993.695	91639.66	0.0179	P	0.4
8	☐			2863.64	0.0006	P	1.6

$$y = 1.7356\text{E-}005 * x + 6.3154\text{E-}004$$

$$R = 0.9999$$

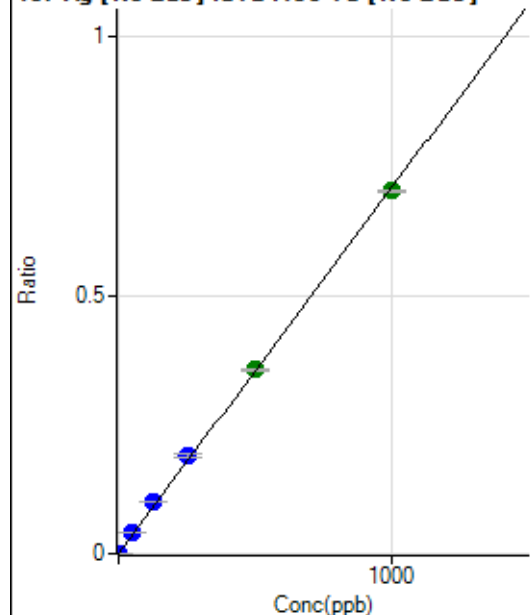
$$DL = 2.407$$

$$BEC = 36.39$$

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	46.67	0.0000	P	39.0
2	☐	1.000	0.986	3689.40	0.0007	P	1.9
3	☐	50.000	57.187	208913.50	0.0405	P	5.9
4	☐	125.000	140.286	498925.34	0.0992	P	1.3
5	☐	250.000	267.899	962824.12	0.1895	P	2.8
6	☐	500.000	502.789	1817991.73	0.3556	A	0.8
7	☐	1000.000	991.860	3595988.80	0.7015	A	0.5
8	☐			1033.38	0.0002	P	7.1

$$y = 7.0728\text{E-}004 * x + 9.2013\text{E-}006$$

$$R = 0.9998$$

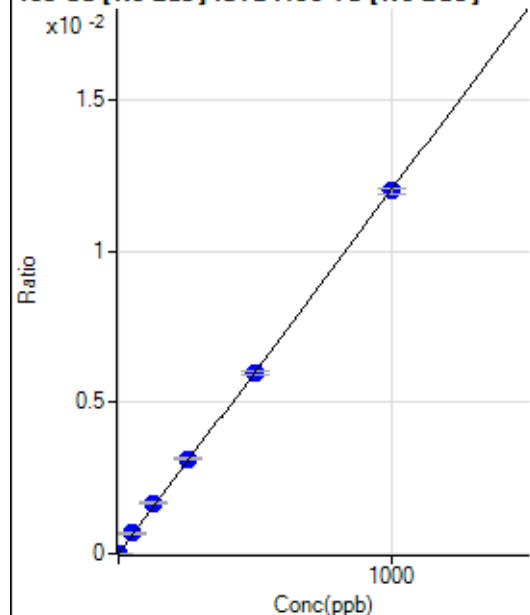
$$DL = 0.0152$$

$$BEC = 0.01301$$

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	14.44	0.0000	P	34.2
2	☐	1.000	0.755	62.22	0.0000	P	17.7
3	☐	50.000	55.839	3482.68	0.0007	P	10.7
4	☐	125.000	138.071	8375.83	0.0017	P	3.7
5	☐	250.000	261.100	15998.91	0.0031	P	2.5
6	☐	500.000	496.148	30568.83	0.0060	P	1.6
7	☐	1000.000	997.226	61595.52	0.0120	P	1.5
8	☐			58.89	0.0000	P	9.9

$$y = 1.2047\text{E-}005 * x + 2.8232\text{E-}006$$

$$R = 0.9999$$

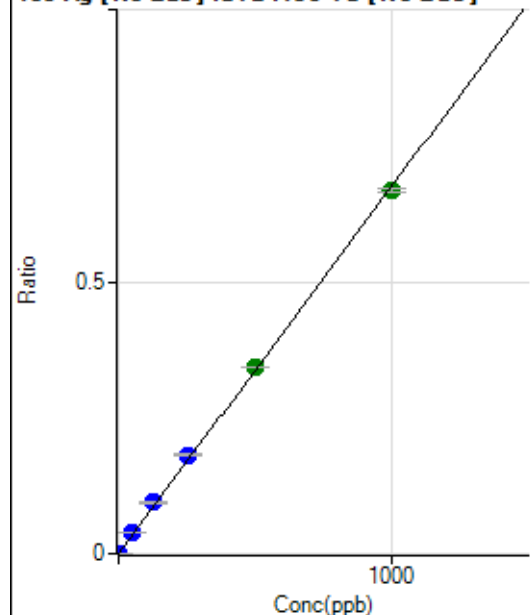
$$DL = 0.2404$$

$$BEC = 0.2343$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0000	P	73.1
2	☐	1.000	0.957	3384.88	0.0006	P	1.6
3	☐	50.000	57.284	199747.26	0.0387	P	5.0
4	☐	125.000	139.364	472991.02	0.0941	P	1.6
5	☐	250.000	268.514	921010.80	0.1813	P	2.4
6	☐	500.000	509.492	1758222.44	0.3439	A	0.4
7	☐	1000.000	988.466	3420087.35	0.6672	A	0.9
8	☐			922.26	0.0002	P	11.0

$$y = 6.7502\text{E-}004 * x + 2.2113\text{E-}006$$

$$R = 0.9997$$

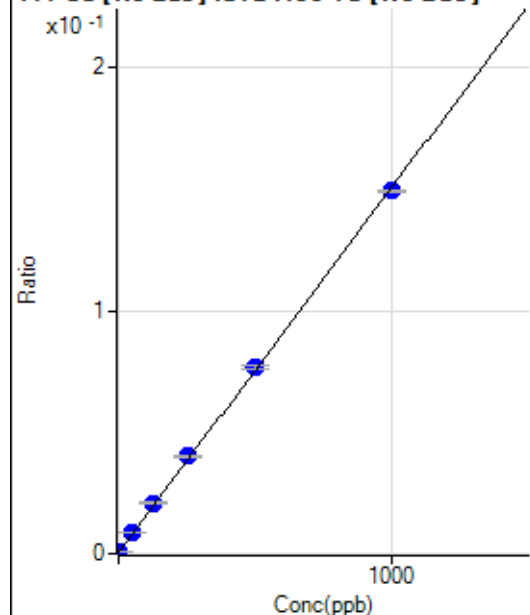
$$DL = 0.00718$$

$$BEC = 0.003276$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2260.39	0.0004	P	2.2
2	☐	1.000	1.072	3149.90	0.0006	P	2.3
3	☐	50.000	55.036	44999.24	0.0087	P	5.6
4	☐	125.000	135.878	104889.36	0.0209	P	1.8
5	☐	250.000	263.869	203732.08	0.0401	P	3.1
6	☐	500.000	507.059	391786.93	0.0766	P	1.7
7	☐	1000.000	991.392	765965.88	0.1494	P	0.7
8	☐			2381.12	0.0005	P	2.3

$$y = 1.5028\text{E-}004 * x + 4.4209\text{E-}004$$

$$R = 0.9998$$

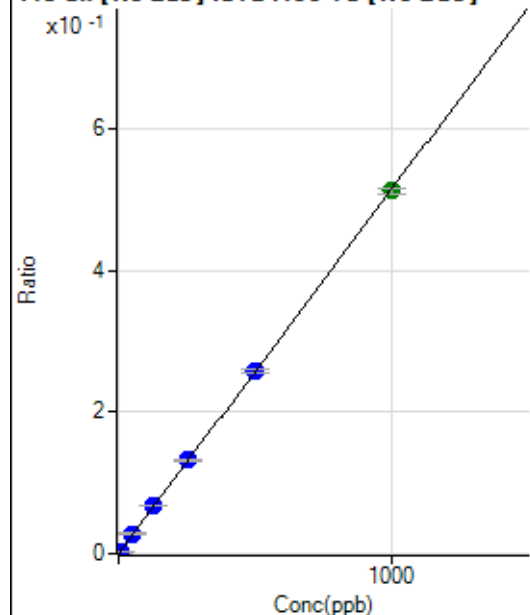
$$DL = 0.1944$$

$$BEC = 2.942$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	293.34	0.0001	P	14.3
2	☐	5.000	4.647	12783.54	0.0024	P	2.6
3	☐	50.000	53.943	143667.60	0.0278	P	5.4
4	☐	125.000	131.968	341743.10	0.0680	P	1.3
5	☐	250.000	257.587	673853.30	0.1326	P	2.4
6	☐	500.000	502.093	1321016.34	0.2584	P	2.1
7	☐	1000.000	995.990	2627467.86	0.5126	A	1.6
8	☐			1865.70	0.0004	P	2.8

$$y = 5.1461\text{E-}004 * x + 5.7321\text{E-}005$$

$$R = 0.9999$$

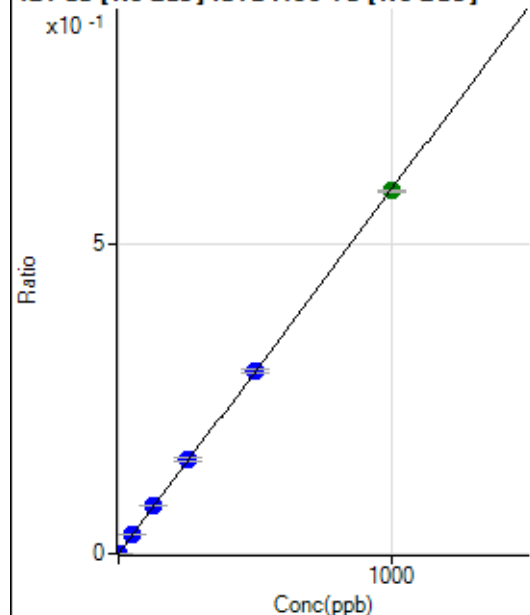
$$DL = 0.04769$$

$$BEC = 0.1114$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	30.6
2	☐	2.000	1.838	5673.39	0.0011	P	3.1
3	☐	50.000	53.140	161325.14	0.0312	P	5.7
4	☐	125.000	132.728	392243.64	0.0780	P	1.7
5	☐	250.000	259.120	773890.93	0.1523	P	2.5
6	☐	500.000	501.230	1505876.40	0.2946	P	1.9
7	☐	1000.000	995.982	3000588.05	0.5854	A	0.6
8	☐			2458.01	0.0005	P	3.7

$$y = 5.8774\text{E-}004 * x + 6.2582\text{E-}006$$

$$R = 0.9999$$

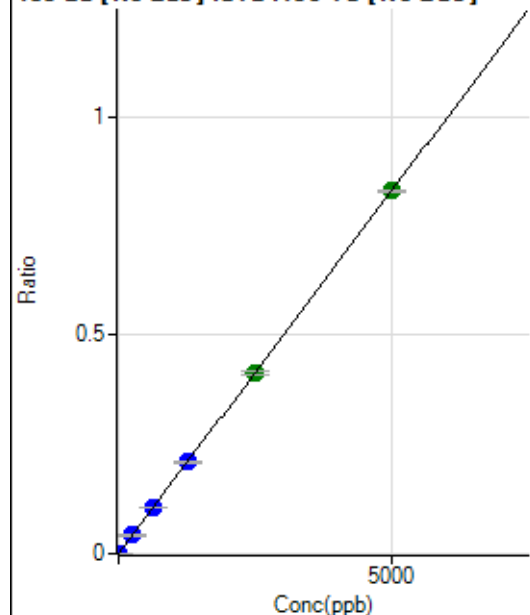
$$DL = 0.009785$$

$$BEC = 0.01065$$

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	21.11	0.0000	P	33.4
2	☐	10.000	9.083	7895.59	0.0015	P	1.3
3	☐	250.000	257.095	220452.94	0.0427	P	6.0
4	☐	625.000	642.624	536500.95	0.1067	P	1.3
5	☐	1250.000	1259.512	1062675.45	0.2091	P	2.5
6	☐	2500.000	2486.861	2110737.80	0.4129	A	1.6
7	☐	5000.000	5001.636	4256899.66	0.8305	A	0.6
8	☐			2392.45	0.0005	P	1.3

$$y = 1.6604\text{E-}004 * x + 4.1404\text{E-}006$$

$$R = 1.0000$$

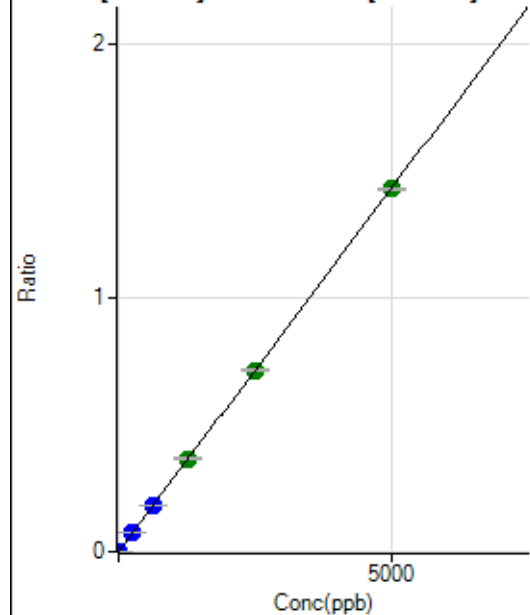
$$DL = 0.02497$$

$$BEC = 0.02494$$

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	20.00	0.0000	P	13.9
2	☐	10.000	9.047	13568.77	0.0026	P	1.8
3	☐	250.000	257.803	382033.95	0.0740	P	4.7
4	☐	625.000	642.104	926026.30	0.1842	P	1.6
5	☐	1250.000	1282.243	1868967.00	0.3678	A	2.2
6	☐	2500.000	2496.497	3660390.26	0.7161	A	1.8
7	☐	5000.000	4991.164	7338413.29	1.4317	A	0.6
8	☐			4171.76	0.0009	P	4.7

$$y = 2.8684\text{E-}004 * x + 3.9016\text{E-}006$$

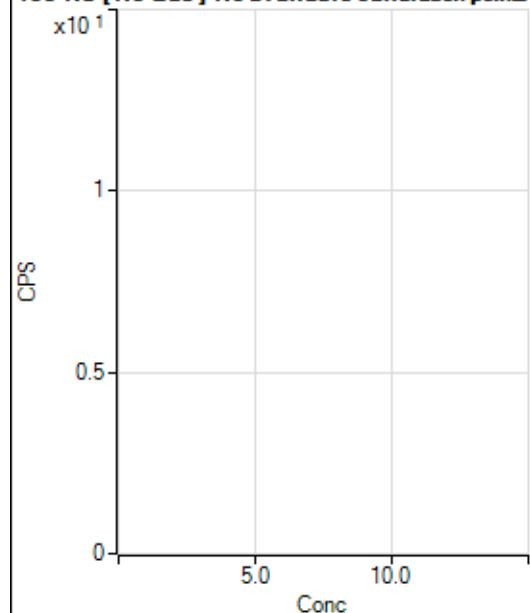
$$R = 1.0000$$

$$DL = 0.005674$$

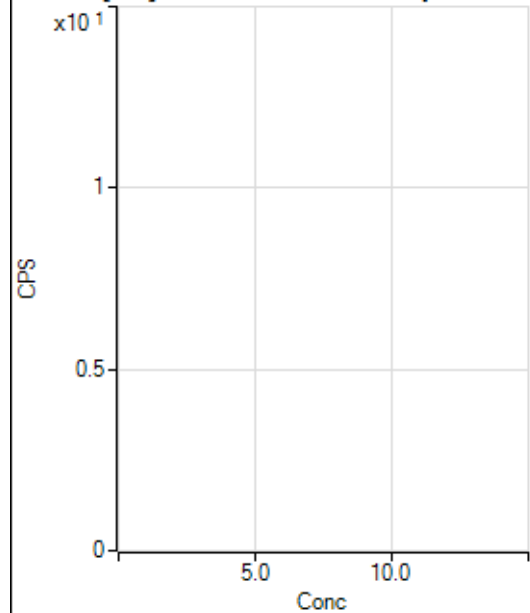
$$BEC = 0.0136$$

Weight: <None>

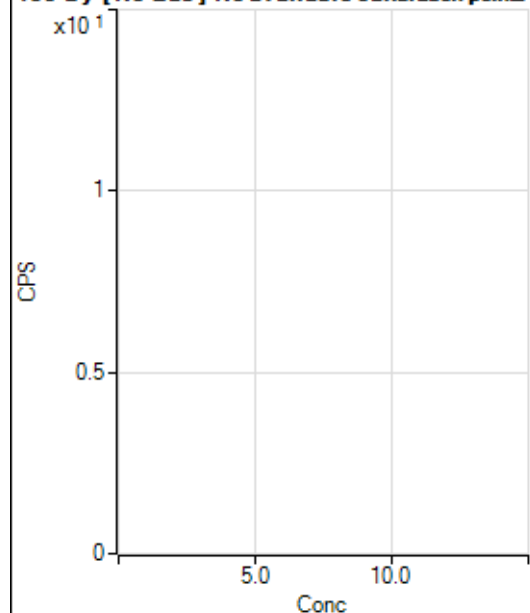
Min Conc: 0

150 Nd [No Gas] No available calibration points

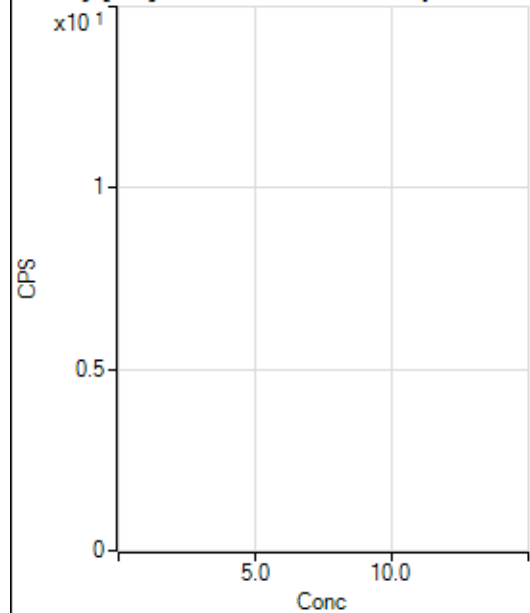
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	173.
2	☐			6.66		P	86.6
3	☐			54.44		P	3.5
4	☐			117.78		P	25.7
5	☐			213.34		P	21.1
6	☐			394.45		P	11.3
7	☐			807.81		P	3.7
8	☐			122.22		P	14.0

150 Nd [He] No available calibration points

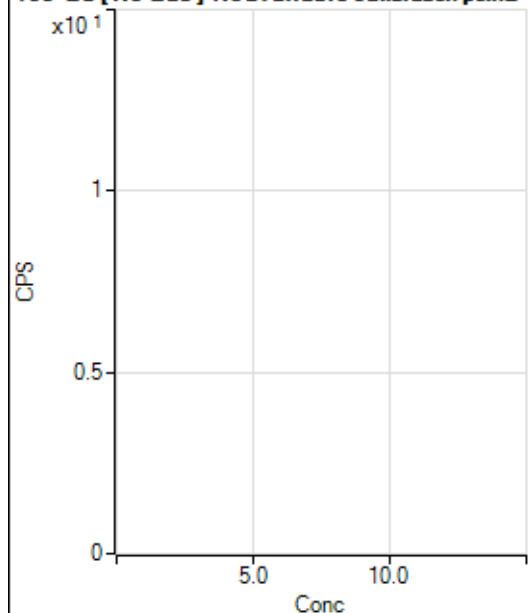
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			4.44		P	43.4
3	☐			7.78		P	89.2
4	☐			24.45		P	15.8
5	☐			47.78		P	8.1
6	☐			84.45		P	12.7
7	☐			178.89		P	4.3
8	☐			76.67		P	7.5

156 Dy [No Gas] No available calibration points

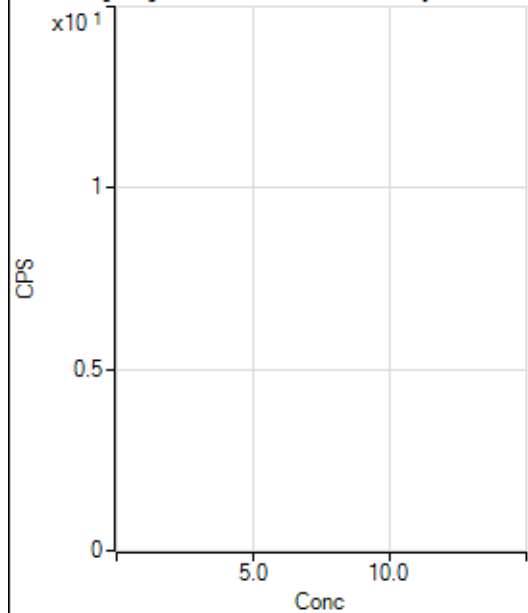
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			16.67		P	34.6
4	☐			48.89		P	45.4
5	☐			61.11		P	45.7
6	☐			171.11		P	6.8
7	☐			276.67		P	7.9
8	☐			746.69		P	7.8

156 Dy [He] No available calibration points

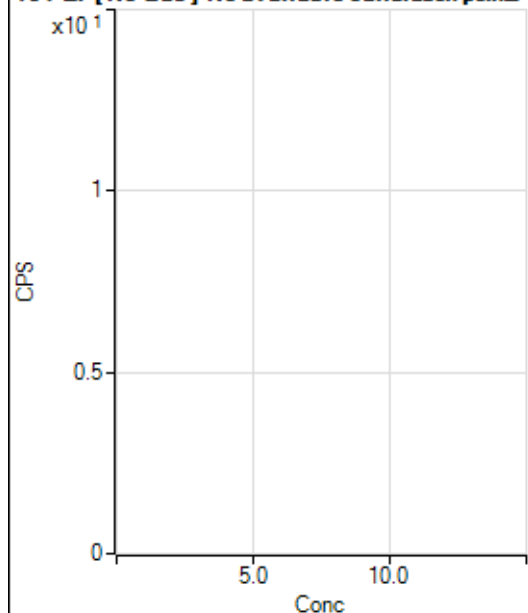
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			6.67		P	132.
3	☐			20.00		P	33.4
4	☐			51.11		P	13.6
5	☐			95.56		P	5.3
6	☐			177.78		P	5.7
7	☐			281.12		P	14.5
8	☐			485.57		P	6.9

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

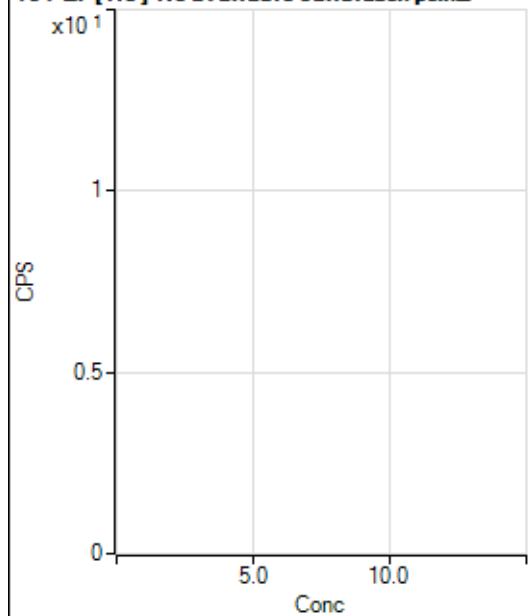
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.7
2	☐			25.56		P	49.4
3	☐			21.11		P	9.1
4	☐			36.67		P	32.8
5	☐			65.55		P	20.6
6	☐			114.45		P	8.9
7	☐			187.78		P	12.5
8	☐			791.14		P	7.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			212.22		P	10.0
2	☐			161.11		P	8.6
3	☐			192.23		P	18.5
4	☐			214.45		P	12.5
5	☐			231.11		P	9.6
6	☐			235.56		P	5.7
7	☐			318.90		P	14.9
8	☐			687.80		P	4.0

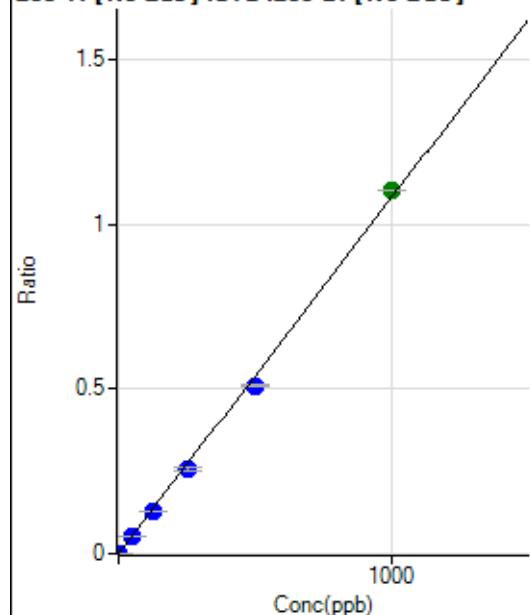
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	11.5
2	☐			64.44		P	29.9
3	☐			67.78		P	10.2
4	☐			51.11		P	19.9
5	☐			72.22		P	10.7
6	☐			64.45		P	20.9
7	☐			91.11		P	26.5
8	☐			133.34		P	8.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21.11		P	39.7
2	☐			25.56		P	54.3
3	☐			27.78		P	30.2
4	☐			27.78		P	36.7
5	☐			51.11		P	26.4
6	☐			40.00		P	22.0
7	☐			73.33		P	18.2
8	☐			81.11		P	2.4

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0000	P	22.9
2	☐	1.000	0.829	2834.77	0.0009	P	2.4
3	☐	50.000	47.918	157244.43	0.0518	P	3.2
4	☐	125.000	118.097	385114.14	0.1276	P	0.9
5	☐	250.000	236.990	771147.70	0.2559	P	3.0
6	☐	500.000	470.283	1516878.37	0.5079	P	1.1
7	☐	1000.000	1019.078	3235797.00	1.1005	A	0.1
8	☐			788.92	0.0003	P	4.4

$$y = 0.0011 * x + 2.6738E-005$$

$$R = 0.9993$$

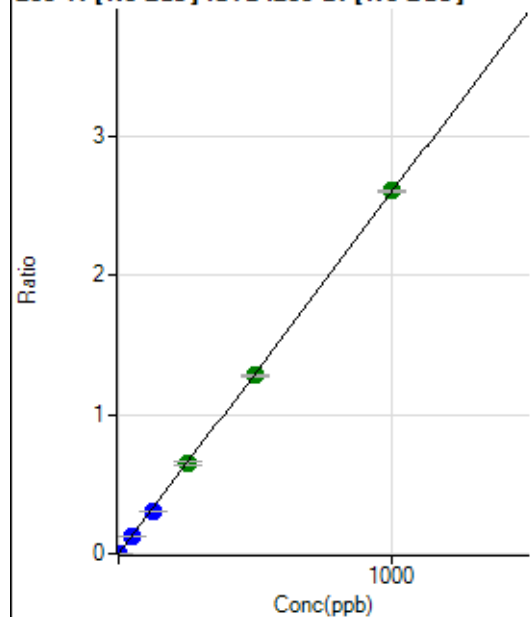
$$DL = 0.01701$$

$$BEC = 0.02476$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0001	P	21.0
2	☐	1.000	0.821	6785.08	0.0022	P	1.0
3	☐	50.000	47.152	372131.81	0.1225	P	3.2
4	☐	125.000	117.546	921848.45	0.3053	P	0.8
5	☐	250.000	249.160	1949709.05	0.6471	A	3.1
6	☐	500.000	493.968	3831593.80	1.2829	A	1.4
7	☐	1000.000	1004.300	7668712.66	2.6082	A	0.4
8	☐			1892.37	0.0007	P	4.5

$$y = 0.0026 * x + 7.3404E-005$$

$$R = 1.0000$$

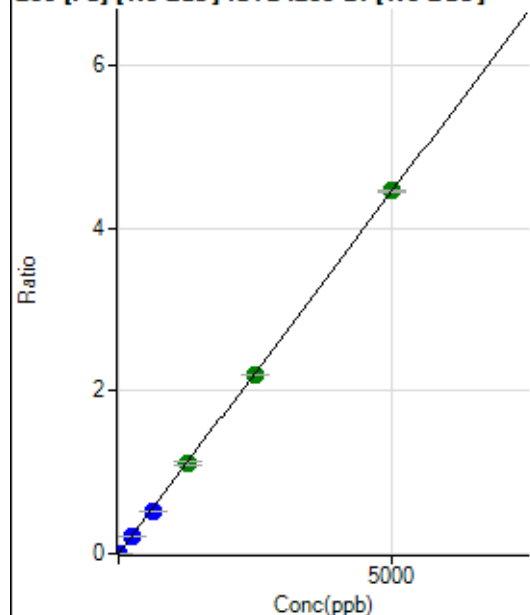
$$DL = 0.0178$$

$$BEC = 0.02827$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	307.78	0.0001	P	1.4
2	☐	1.000	0.794	2479.15	0.0008	P	8.0
3	☐	250.000	239.171	645367.59	0.2125	P	4.0
4	☐	625.000	594.655	1594893.10	0.5283	P	0.7
5	☐	1250.000	1251.873	3350386.69	1.1120	A	2.7
6	☐	2500.000	2478.439	6575105.11	2.2014	A	0.3
7	☐	5000.000	5014.647	13095550.64	4.4540	A	0.7
8	☐			6002.50	0.0024	P	2.6

$$y = 8.8817E-004 * x + 1.0138E-004$$

$$R = 1.0000$$

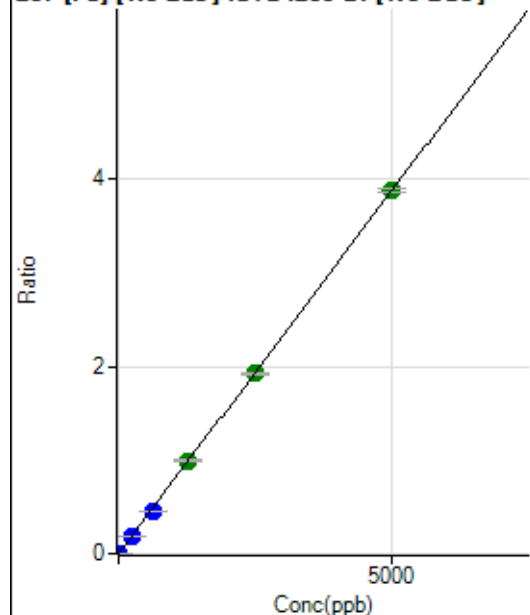
$$DL = 0.004765$$

$$BEC = 0.1141$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	251.12	0.0001	P	8.8
2	☐	1.000	0.765	2077.96	0.0007	P	2.8
3	☐	250.000	238.644	561492.05	0.1849	P	3.5
4	☐	625.000	592.549	1385653.30	0.4589	P	0.3
5	☐	1250.000	1285.831	3000220.55	0.9958	A	3.2
6	☐	2500.000	2486.064	5750404.01	1.9253	A	1.1
7	☐	5000.000	5002.634	11390453.30	3.8741	A	1.2
8	☐			5128.80	0.0020	P	5.1

$$y = 7.7439E-004 * x + 8.2738E-005$$

$$R = 0.9999$$

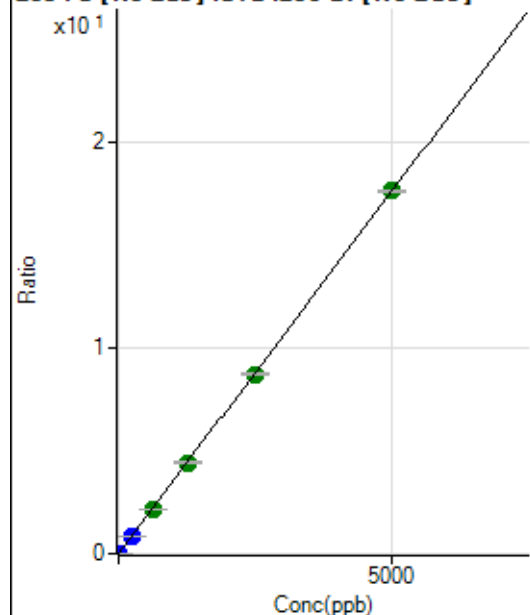
$$DL = 0.02819$$

$$BEC = 0.1068$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1375.60	0.0005	P	3.0
2	☐	1.000	0.798	10043.83	0.0033	P	2.9
3	☐	250.000	238.825	2559026.37	0.8427	P	3.9
4	☐	625.000	611.555	6512911.04	2.1572	A	0.7
5	☐	1250.000	1260.988	13399739.35	4.4475	A	3.1
6	☐	2500.000	2478.040	26102897.80	8.7396	A	1.0
7	☐	5000.000	5010.472	51955094.09	17.6706	A	0.7
8	☐			23830.67	0.0094	P	2.4

$$y = 0.0035 * x + 4.5284E-004$$

$$R = 1.0000$$

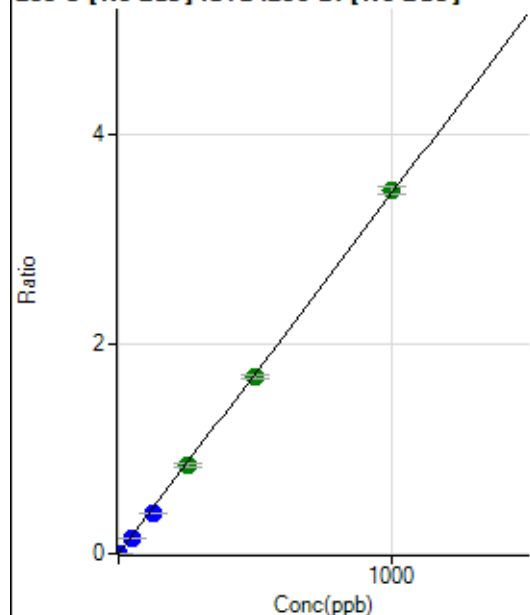
$$DL = 0.01139$$

$$BEC = 0.1284$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0000	P	72.7
2	☐	1.000	0.745	7881.29	0.0026	P	1.5
3	☐	50.000	44.699	466732.01	0.1537	P	3.1
4	☐	125.000	112.072	1163245.37	0.3853	P	0.4
5	☐	250.000	245.064	2538301.13	0.8425	A	3.0
6	☐	500.000	491.146	5042725.13	1.6885	A	2.1
7	☐	1000.000	1007.542	10183749.85	3.4638	A	2.2
8	☐			3150.41	0.0012	P	6.3

$$y = 0.0034 * x + 1.8570E-006$$

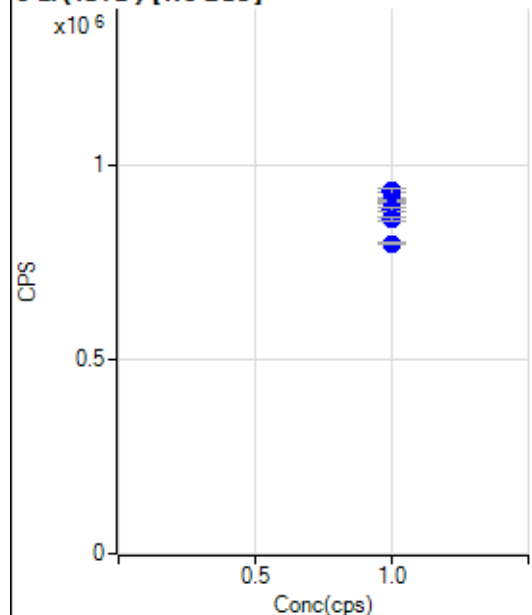
$$R = 0.9999$$

$$DL = 0.001178$$

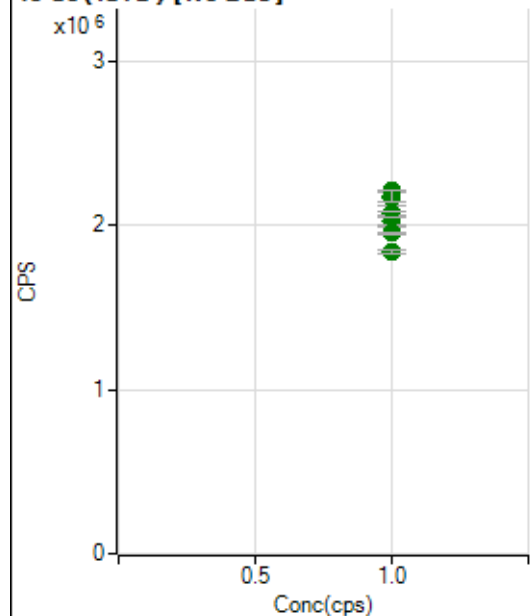
$$BEC = 0.0005402$$

Weight: <None>

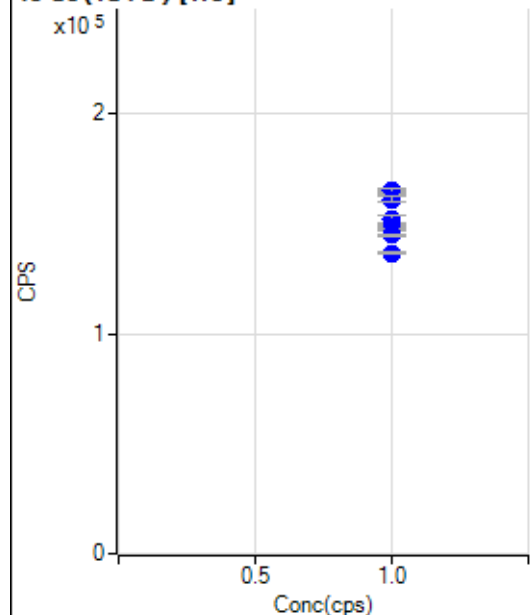
Min Conc: 0

6 Li (ISTD) [No Gas]

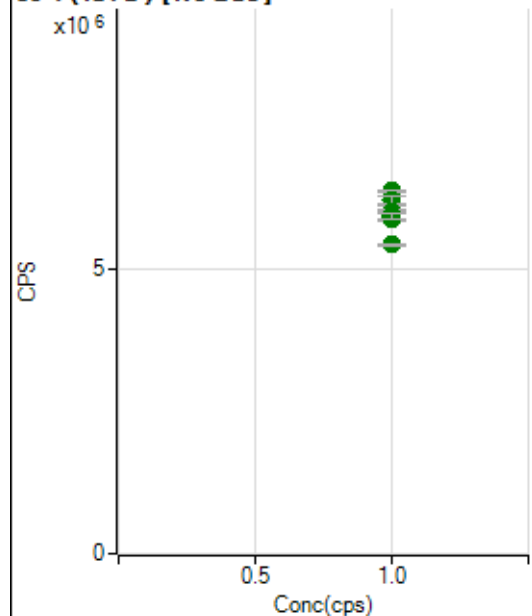
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		917931.94		P	3.6
2	☐	1.000		935411.38		P	1.0
3	☐	1.000		930347.96		P	2.5
4	☐	1.000		909618.93		P	0.8
5	☐	1.000		893346.95		P	2.8
6	☐	1.000		886763.89		P	0.8
7	☐	1.000		862976.40		P	0.7
8	☐	1.000		800324.57		P	1.0

45 Sc (ISTD) [No Gas]

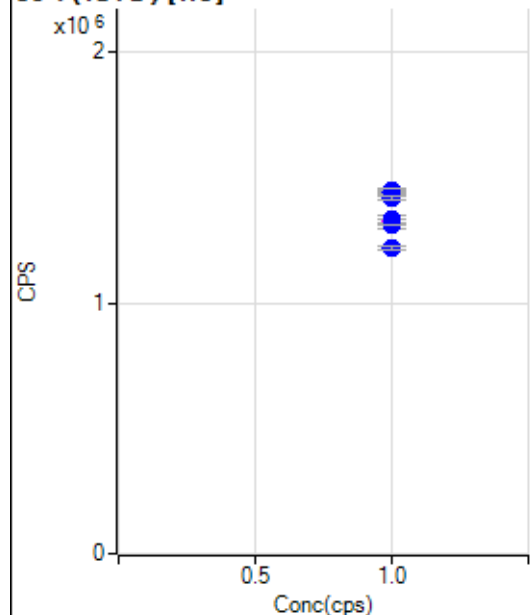
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2161449.28		A	3.6
2	☐	1.000		2208092.52		A	0.8
3	☐	1.000		2173594.71		A	3.4
4	☐	1.000		2072572.44		A	1.4
5	☐	1.000		2021762.38		A	2.5
6	☐	1.000		1992272.26		A	0.4
7	☐	1.000		1950655.35		A	0.6
8	☐	1.000		1838725.51		A	1.2

45 Sc (ISTD) [He]

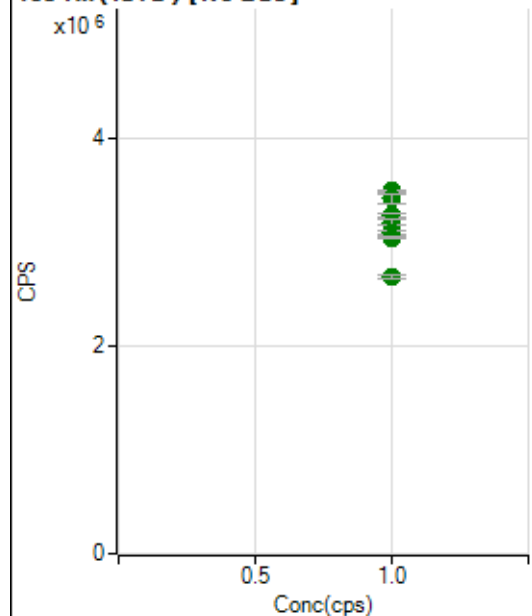
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		164557.76		P	0.4
2	☐	1.000		164931.20		P	1.9
3	☐	1.000		161279.76		P	1.4
4	☐	1.000		152064.81		P	2.0
5	☐	1.000		148817.51		P	0.7
6	☐	1.000		147378.08		P	0.7
7	☐	1.000		145041.26		P	0.7
8	☐	1.000		136771.20		P	1.2

89 Y (ISTD) [No Gas]

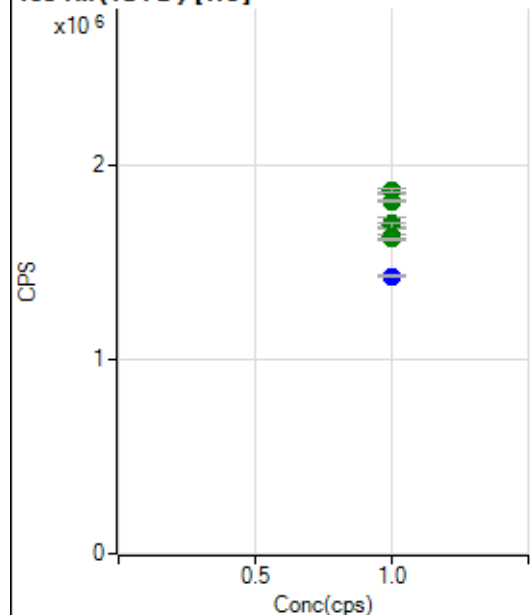
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6246709.14		A	4.2
2	☐	1.000		6389987.27		A	0.4
3	☐	1.000		6242405.25		A	2.2
4	☐	1.000		6027985.05		A	0.9
5	☐	1.000		5939823.73		A	3.1
6	☐	1.000		5900677.20		A	0.2
7	☐	1.000		5944301.51		A	1.6
8	☐	1.000		5444308.32		A	0.9

89 Y(ISTD) [He]

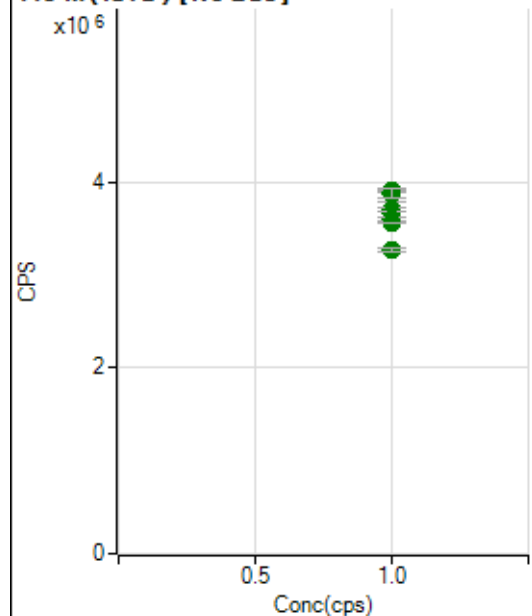
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1447467.25		P	0.4
2	☐	1.000		1445798.23		P	1.4
3	☐	1.000		1420265.34		P	1.0
4	☐	1.000		1326717.43		M	4.0
5	☐	1.000		1336358.36		P	0.3
6	☐	1.000		1321065.63		P	0.3
7	☐	1.000		1313084.14		P	0.1
8	☐	1.000		1218391.13		P	1.1

103 Rh(ISTD) [No Gas]

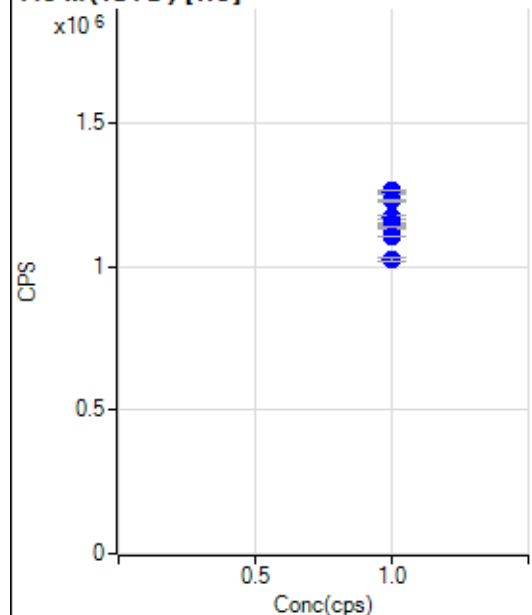
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3428433.28		A	3.9
2	☐	1.000		3493314.71		A	0.6
3	☐	1.000		3418801.09		A	2.5
4	☐	1.000		3259241.10		A	1.0
5	☐	1.000		3186914.71		A	1.8
6	☐	1.000		3093277.07		A	0.7
7	☐	1.000		3044981.48		A	0.5
8	☐	1.000		2666582.67		A	0.7

103 Rh (ISTD) [He]

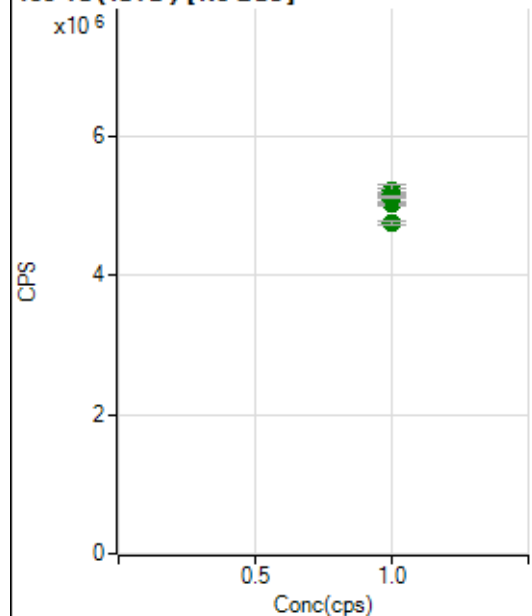
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1869168.60		A	1.3
2	☐	1.000		1869763.19		A	0.9
3	☐	1.000		1817728.96		A	0.7
4	☐	1.000		1707159.12		A	3.0
5	☐	1.000		1690967.23		A	1.4
6	☐	1.000		1635862.82		A	0.9
7	☐	1.000		1621313.60		A	0.3
8	☐	1.000		1430892.96		P	0.6

115 In (ISTD) [No Gas]

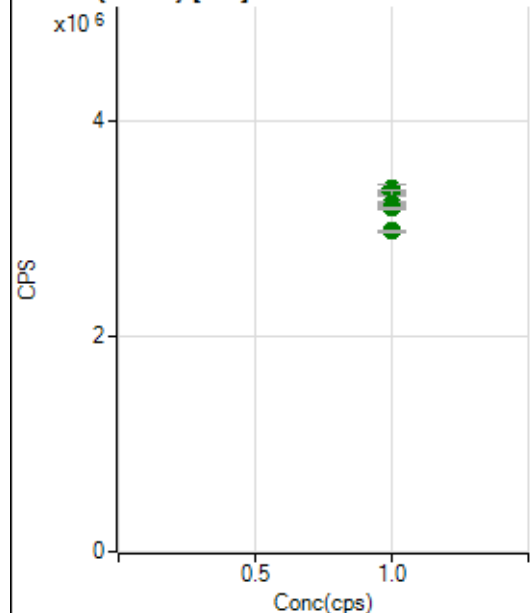
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3865896.36		A	3.6
2	☐	1.000		3909527.06		A	0.5
3	☐	1.000		3889414.99		A	2.7
4	☐	1.000		3707054.76		A	1.6
5	☐	1.000		3662900.78		A	1.7
6	☐	1.000		3607919.58		A	0.7
7	☐	1.000		3568868.80		A	0.1
8	☐	1.000		3270468.84		A	1.0

115 In (ISTD) [He]

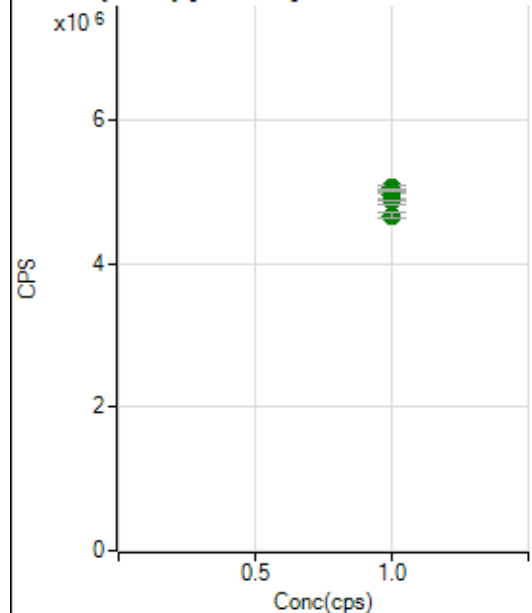
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1263920.32		P	0.3
2	☐	1.000		1259147.81		P	1.0
3	☐	1.000		1231949.64		P	0.7
4	☐	1.000		1173935.67		P	1.2
5	☐	1.000		1151557.51		P	0.6
6	☐	1.000		1137027.55		P	0.5
7	☐	1.000		1106153.57		P	0.3
8	☐	1.000		1024797.67		P	1.1

159 Tb (ISTD) [No Gas]

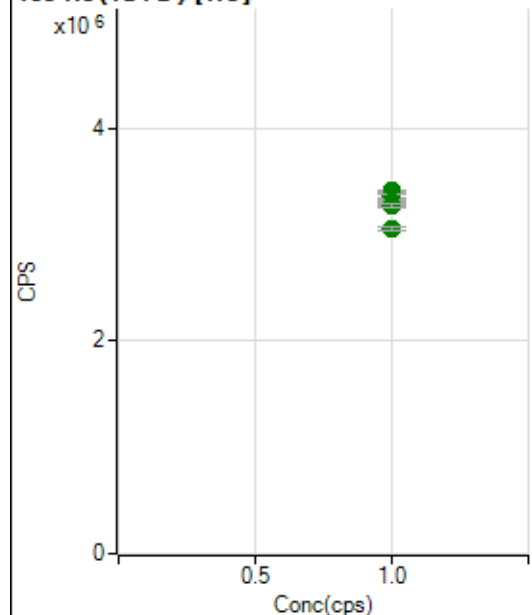
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5113008.29		A	3.5
2	☐	1.000		5221576.94		A	1.4
3	☐	1.000		5174121.14		A	5.1
4	☐	1.000		5028399.13		A	1.2
5	☐	1.000		5082990.13		A	2.1
6	☐	1.000		5112501.38		A	1.4
7	☐	1.000		5125895.62		A	0.4
8	☐	1.000		4756839.90		A	1.4

159 Tb (ISTD) [He]

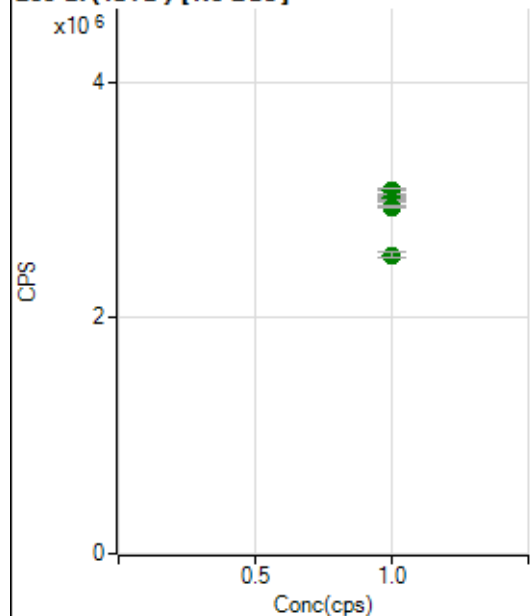
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3350361.27		A	0.6
2	☐	1.000		3375359.74		A	2.5
3	☐	1.000		3336597.76		A	1.4
4	☐	1.000		3219441.79		A	1.0
5	☐	1.000		3230157.17		A	0.9
6	☐	1.000		3244139.78		A	0.7
7	☐	1.000		3196158.29		A	0.4
8	☐	1.000		2984384.99		A	0.4

165 Ho (ISTD) [No Gas]

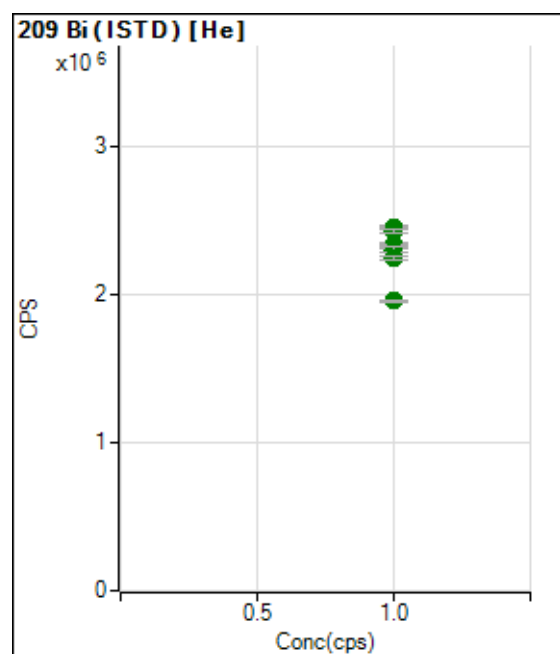
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4955890.59		A	2.9
2	☐	1.000		5048327.11		A	1.7
3	☐	1.000		4988323.15		A	3.6
4	☐	1.000		4869350.97		A	1.6
5	☐	1.000		4941123.22		A	2.8
6	☐	1.000		5007938.99		A	1.4
7	☐	1.000		5014509.40		A	0.9
8	☐	1.000		4663909.00		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3411774.95		A	0.7
2	☐	1.000		3390843.77		A	0.9
3	☐	1.000		3363107.14		A	1.4
4	☐	1.000		3265784.15		A	0.7
5	☐	1.000		3269736.58		A	0.6
6	☐	1.000		3310899.88		A	0.5
7	☐	1.000		3273555.51		A	0.8
8	☐	1.000		3052107.04		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3036269.57		A	3.4
2	☐	1.000		3075888.70		A	1.4
3	☐	1.000		3039349.75		A	3.4
4	☐	1.000		3019210.65		A	0.4
5	☐	1.000		3014382.32		A	2.5
6	☐	1.000		2986861.87		A	0.7
7	☐	1.000		2940255.20		A	0.4
8	☐	1.000		2533451.06		A	1.9



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2448119.10		A	1.1
2	☐	1.000		2447190.54		A	0.8
3	☐	1.000		2425648.64		A	1.1
4	☐	1.000		2339214.76		A	1.0
5	☐	1.000		2318010.47		A	1.1
6	☐	1.000		2302221.74		A	1.4
7	☐	1.000		2245286.83		A	1.0
8	☐	1.000		1959211.17		A	0.7