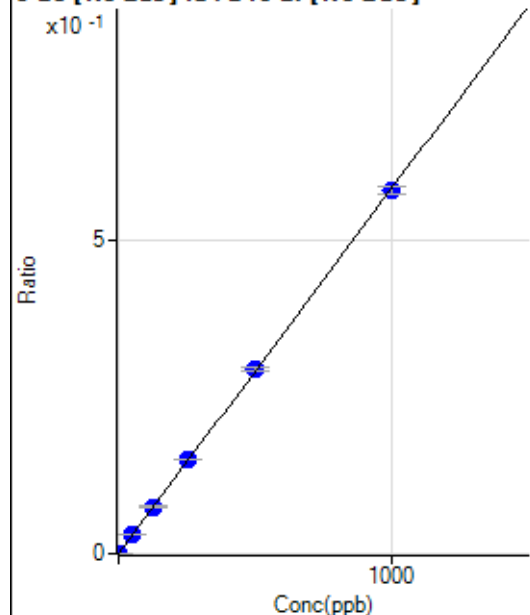


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120920ICP.b\
Analysis File: P8120920ICP.batch.bin
DA Date-Time: 2020-12-10 01:14:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2020-12-09 11:30:41
2	004CALS.d	S02	2020-12-09 11:33:53
3	005CALS.d	S03	2020-12-09 11:37:03
4	006CALS.d	S04	2020-12-09 11:40:14
5	007CALS.d	S05	2020-12-09 11:43:18
6	008CALS.d	S06	2020-12-09 11:46:18
7	009CALS.d	S07	2020-12-09 11:49:16
8	010CALS.d	S08	2020-12-09 11:52:17

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.32	0.0001	P	18.7
2	☐	1.000	0.935	775.20	0.0006	P	5.1
3	☐	50.000	51.650	38073.95	0.0301	P	1.6
4	☐	125.000	128.274	95315.24	0.0747	P	2.0
5	☐	250.000	258.423	191845.56	0.1505	P	1.8
6	☐	500.000	506.720	381142.94	0.2951	P	1.6
7	☐	1000.000	994.043	764463.23	0.5788	P	2.3
8	☐			549.91	0.0004	P	8.2

$$y = 5.8216E-004 * x + 6.1765E-005$$

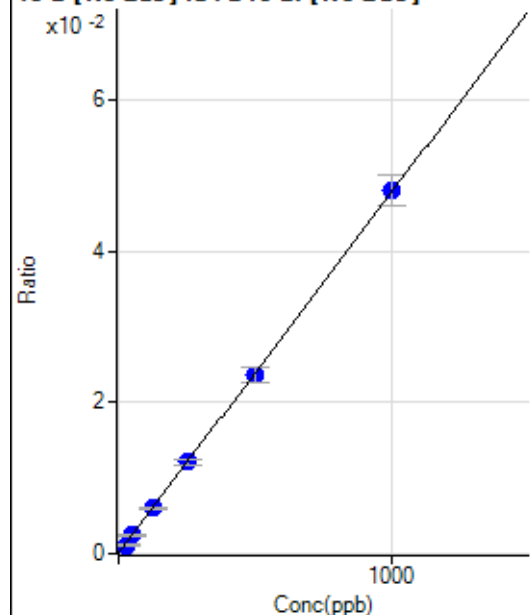
$$R = 0.9999$$

$$DL = 0.05944$$

$$BEC = 0.1061$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	90.65	0.0001	P	20.7
2	☐	25.000	22.232	1448.46	0.0011	P	10.9
3	☐	50.000	49.623	3079.06	0.0024	P	10.1
4	☐	125.000	123.666	7619.15	0.0060	P	5.0
5	☐	250.000	252.289	15435.07	0.0121	P	7.7
6	☐	500.000	492.458	30426.04	0.0236	P	8.3
7	☐	1000.000	1003.454	63245.84	0.0479	P	8.4
8	☐			8837.59	0.0067	P	10.4

$$y = 4.7687E-005 * x + 7.2475E-005$$

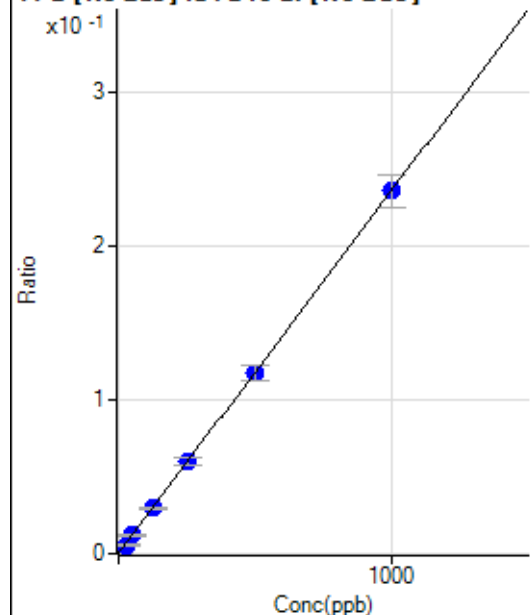
$$R = 1.0000$$

$$DL = 0.9458$$

$$BEC = 1.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	353.27	0.0003	P	6.7
2	☐	25.000	21.888	6967.63	0.0054	P	8.5
3	☐	50.000	50.685	15467.10	0.0122	P	7.2
4	☐	125.000	125.149	38057.53	0.0298	P	5.2
5	☐	250.000	253.531	76658.23	0.0601	P	7.3
6	☐	500.000	499.291	152560.70	0.1181	P	8.7
7	☐	1000.000	999.497	311661.69	0.2362	P	8.7
8	☐			43360.53	0.0329	P	10.2

$$y = 2.3600\text{E-}004 * x + 2.8339\text{E-}004$$

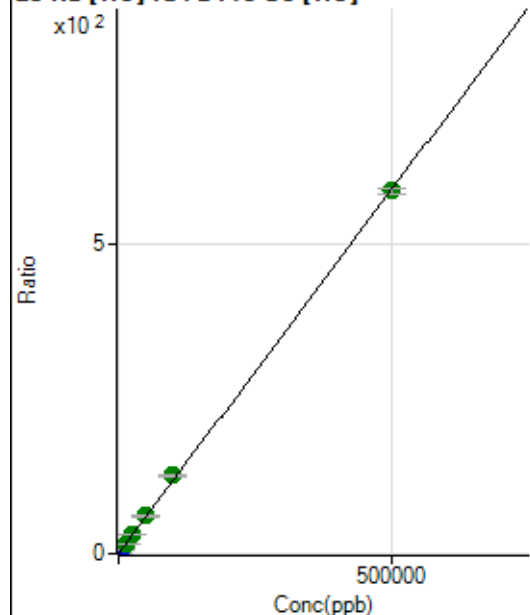
$$R = 1.0000$$

$$DL = 0.2419$$

$$BEC = 1.201$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27409.55	0.2813	P	1.1
2	☐	500.000	515.453	85508.69	0.8865	P	1.0
3	☐	5000.000	5446.226	640800.61	6.6751	P	2.4
4	☐	12500.000	12389.100	1559361.11	14.8258	A	10.6
5	☐	25000.000	26899.297	3077788.63	31.8604	A	3.2
6	☐	50000.000	51745.076	6041251.44	61.0287	A	2.2
7	☐	100000.00	106804.26	12108088.72	125.6668	A	2.4
8	☐	500000.00	498367.96	56905813.77	585.3523	A	1.9

$$y = 0.0012 * x + 0.2813$$

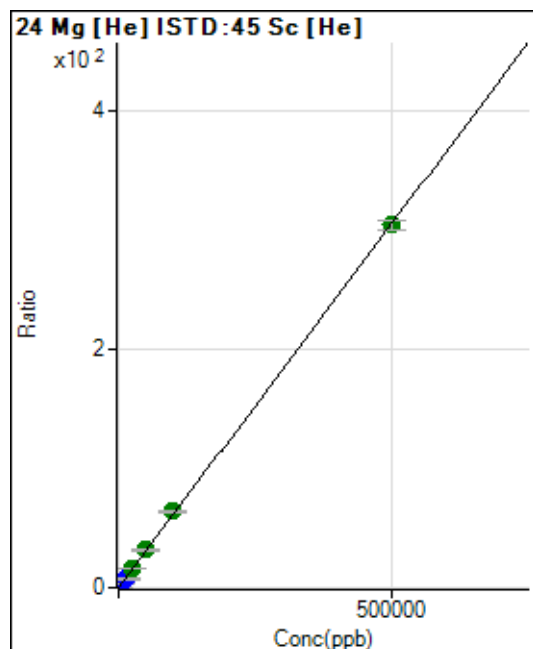
$$R = 0.9999$$

$$DL = 7.576$$

$$BEC = 239.7$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2425.28	0.0249	P	4.3
2	☐	500.000	504.259	32080.30	0.3325	P	2.2
3	☐	5000.000	5420.750	319874.24	3.3321	P	2.1
4	☐	12500.000	12251.976	788644.86	7.4998	P	10.9
5	☐	25000.000	27049.626	1596307.74	16.5278	A	4.3
6	☐	50000.000	51604.415	3118865.76	31.5086	A	2.6
7	☐	100000.00	104517.44	6146890.28	63.7906	A	1.8
8	☐	500000.00	498835.57	29586810.39	304.3627	A	2.4

$$y = 6.1010E-004 * x + 0.0249$$

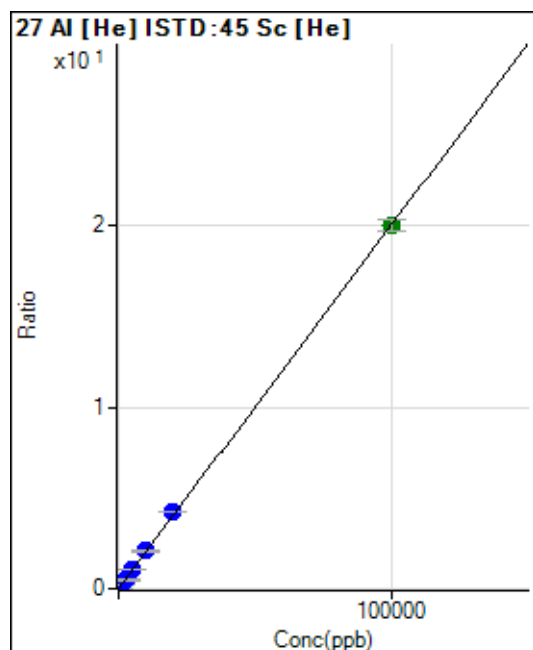
R = 0.9999

DL = 5.316

BEC = 40.79

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	398.71	0.0041	P	4.6
2	☐	20.000	20.715	794.92	0.0082	P	6.6
3	☐	1000.000	1055.789	20696.23	0.2156	P	2.6
4	☐	2500.000	2376.400	50500.08	0.4802	P	10.7
5	☐	5000.000	5294.456	102851.70	1.0647	P	3.4
6	☐	10000.000	10335.335	205350.57	2.0746	P	2.5
7	☐	20000.000	21110.643	407916.10	4.2332	P	1.9
8	☐	100000.00	99732.147	1942226.47	19.9836	A	3.1

$$y = 2.0033E-004 * x + 0.0041$$

R = 0.9999

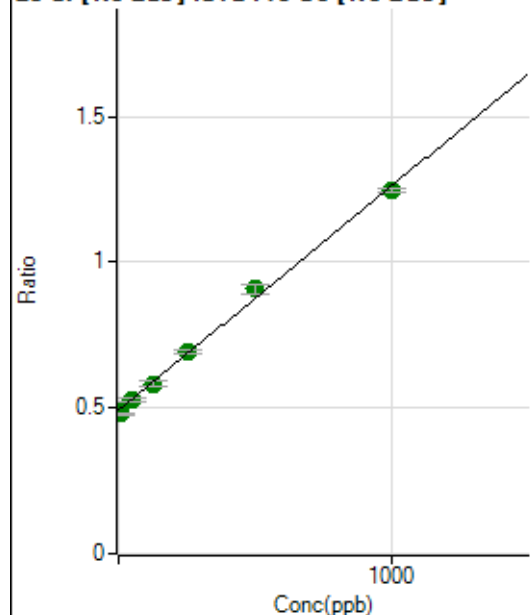
DL = 2.826

BEC = 20.42

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1180391.67	0.4926	A	4.2
2	☐	10.000	-15.664	1181928.24	0.4806	A	1.3
3	☐	50.000	47.508	1264611.60	0.5292	A	2.4
4	☐	125.000	118.160	1426781.01	0.5835	A	3.3
5	☐	250.000	260.450	1681129.89	0.6930	A	1.3
6	☐	500.000	542.387	2211284.34	0.9099	A	3.7
7	☐	1000.000	977.430	3133924.70	1.2446	A	1.1
8	☐			1299966.44	0.5319	A	1.1

$$y = 7.6932\text{E-}004 * x + 0.4926$$

R = 0.9981

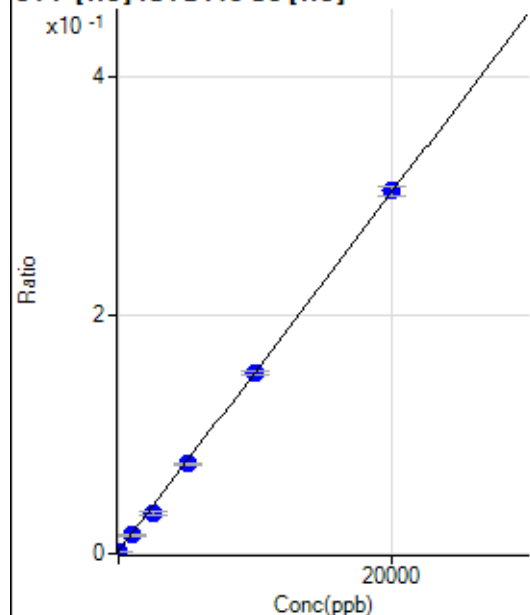
DL = 80.85

BEC = 640.3

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	1.124	200.01	0.0021	P	17.3
2	☐	0.000	-1.124	194.45	0.0020	P	20.7
3	☐	1000.000	902.009	1500.12	0.0156	P	9.6
4	☐	2500.000	2116.814	3575.52	0.0339	P	6.6
5	☐	5000.000	4901.422	7324.24	0.0758	P	2.0
6	☐	10000.000	9965.936	15049.81	0.1520	P	1.8
7	☐	20000.000	20094.474	29335.66	0.3044	P	2.3
8	☐			211.12	0.0022	P	32.0

$$y = 1.5050\text{E-}005 * x + 0.0020$$

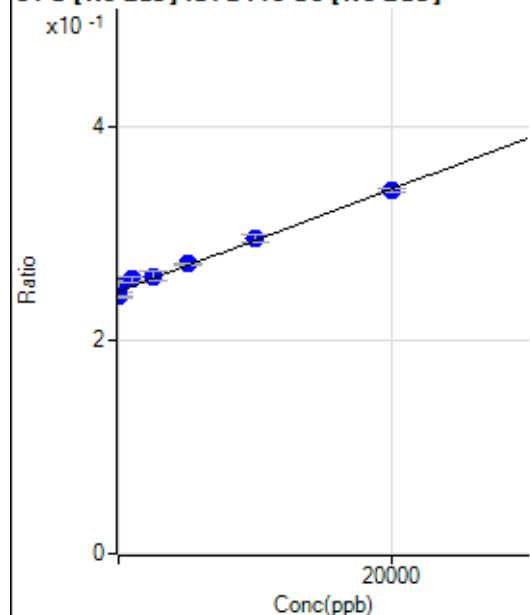
R = 0.9998

DL = 76.97

BEC = 135.1

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	988.783	600936.95	0.2508	P	4.4
2	☐	0.000	-988.783	593524.60	0.2413	P	1.0
3	☐	1000.000	2278.220	614177.16	0.2570	P	2.2
4	☐	2500.000	2877.588	635385.37	0.2599	P	3.3
5	☐	5000.000	5429.657	660108.99	0.2721	P	0.6
6	☐	10000.000	10291.412	718003.70	0.2954	P	2.5
7	☐	20000.000	19635.770	856659.98	0.3402	P	1.2
8	☐			560819.89	0.2295	P	1.6

$$y = 4.7951\text{E-}006 * x + 0.2461$$

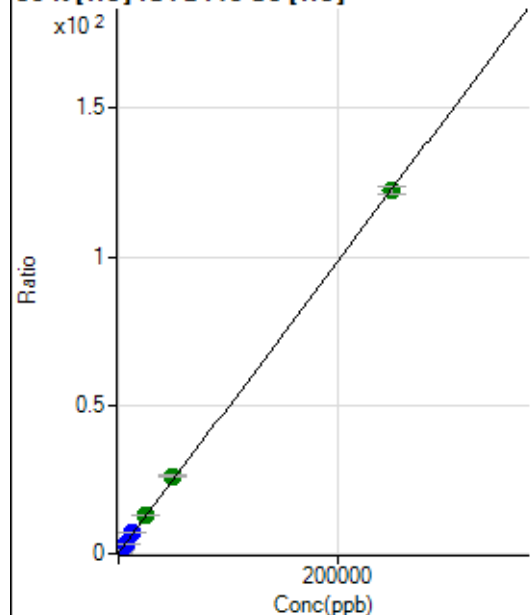
$$R = 0.9947$$

$$DL = 4175$$

$$BEC = 5.132\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27579.80	0.2831	P	2.7
2	☐	500.000	515.272	51623.22	0.5352	P	0.6
3	☐	2500.000	2707.450	154321.81	1.6074	P	2.2
4	☐	6250.000	6093.438	343155.68	3.2636	P	11.1
5	☐	12500.000	13513.293	665959.08	6.8929	P	2.7
6	☐	25000.000	26247.360	1298962.43	13.1216	A	2.2
7	☐	50000.000	52917.954	2521341.24	26.1671	A	2.2
8	☐	250000.00	249242.81	11879176.39	122.1963	A	2.0

$$y = 4.8913\text{E-}004 * x + 0.2831$$

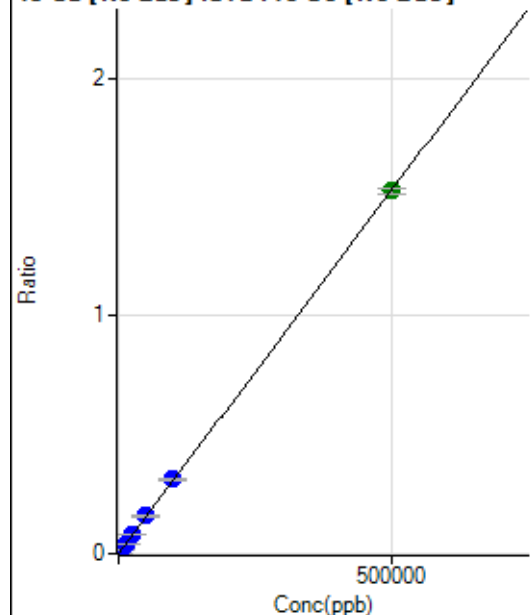
$$R = 0.9999$$

$$DL = 46.34$$

$$BEC = 578.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	283.30	0.0001	P	6.5
2	☐	500.000	477.771	3880.47	0.0016	P	1.6
3	☐	5000.000	5202.178	38258.33	0.0160	P	2.5
4	☐	12500.000	12869.773	96423.85	0.0394	P	2.8
5	☐	25000.000	26138.924	193992.02	0.0800	P	0.3
6	☐	50000.000	52088.396	386992.70	0.1592	P	3.1
7	☐	100000.00	102167.66	786125.21	0.3122	P	1.1
8	☐	500000.00	499289.43	3728157.97	1.5253	A	1.4

$$y = 3.0548\text{E-}006 * x + 1.1817\text{E-}004$$

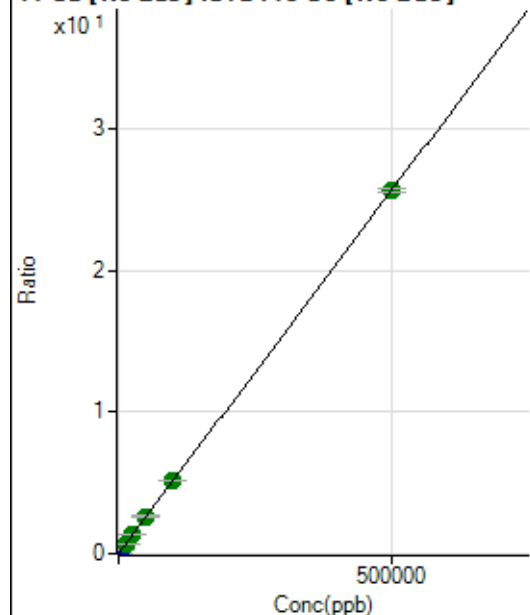
R = 1.0000

DL = 7.564

BEC = 38.68

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30424.13	0.0127	P	4.3
2	☐	500.000	471.240	90563.36	0.0368	P	1.2
3	☐	5000.000	5236.483	671096.73	0.2808	P	1.8
4	☐	12500.000	12966.325	1654513.05	0.6765	A	2.3
5	☐	25000.000	26148.912	3278580.78	1.3515	A	0.8
6	☐	50000.000	50943.955	6370581.81	2.6209	A	2.7
7	☐	100000.00	100826.17	13029797.13	5.1748	A	1.2
8	☐	500000.00	499668.93	62556538.03	25.5948	A	1.2

$$y = 5.1198\text{E-}005 * x + 0.0127$$

R = 1.0000

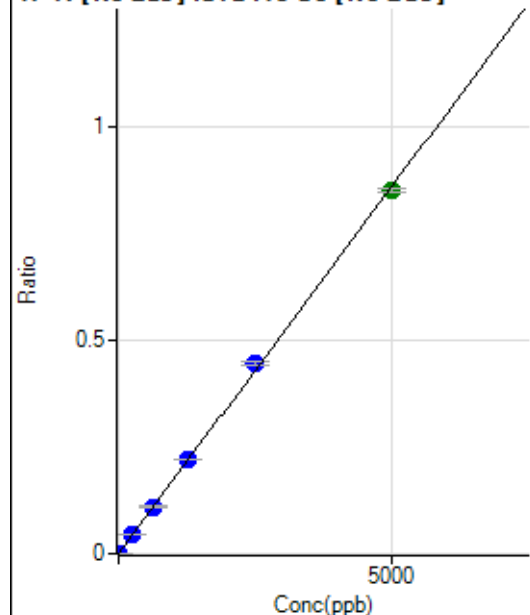
DL = 31.7

BEC = 248

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	338.90	0.0001	P	11.4
2	☐	5.000	4.994	2458.61	0.0010	P	9.5
3	☐	250.000	256.672	105809.91	0.0443	P	2.1
4	☐	625.000	636.423	267897.13	0.1096	P	3.4
5	☐	1250.000	1273.297	531447.99	0.2191	P	0.1
6	☐	2500.000	2590.850	1083039.07	0.4456	P	2.5
7	☐	5000.000	4946.989	2142017.65	0.8507	A	1.1
8	☐			694.48	0.0003	P	22.3

$$y = 1.7194\text{E-}004 * x + 1.4133\text{E-}004$$

$$R = 0.9997$$

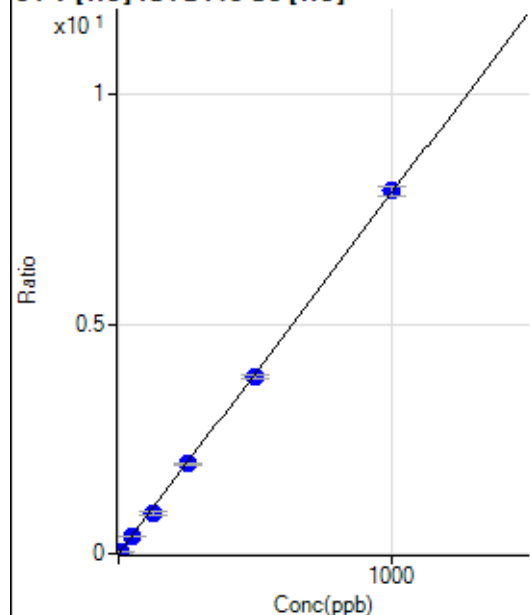
$$DL = 0.2804$$

$$BEC = 0.822$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0001	P	1.2
2	☐	5.000	4.727	3588.26	0.0372	P	0.8
3	☐	50.000	49.847	37569.29	0.3913	P	1.3
4	☐	125.000	112.063	92513.11	0.8796	P	10.6
5	☐	250.000	248.599	188480.08	1.9511	P	3.2
6	☐	500.000	490.575	381070.40	3.8501	P	2.8
7	☐	1000.000	1006.689	761147.84	7.9005	P	2.9
8	☐			141.11	0.0015	P	10.4

$$y = 0.0078 * x + 1.0265\text{E-}004$$

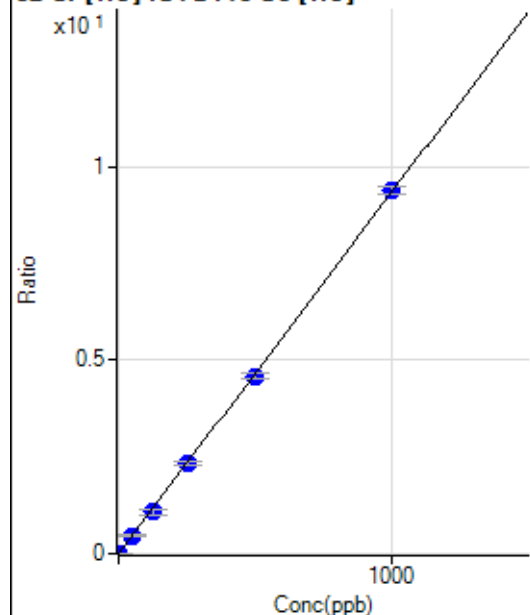
$$R = 0.9999$$

$$DL = 0.0004825$$

$$BEC = 0.01308$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	582.24	0.0060	P	9.4
2	☐	2.000	1.952	2330.21	0.0242	P	2.5
3	☐	50.000	49.991	45255.77	0.4714	P	2.6
4	☐	125.000	114.534	112795.70	1.0724	P	10.6
5	☐	250.000	252.194	227391.83	2.3541	P	4.0
6	☐	500.000	491.528	453600.09	4.5826	P	2.6
7	☐	1000.000	1004.996	902197.39	9.3634	P	2.2
8	☐			8482.58	0.0873	P	2.2

$$y = 0.0093 * x + 0.0060$$

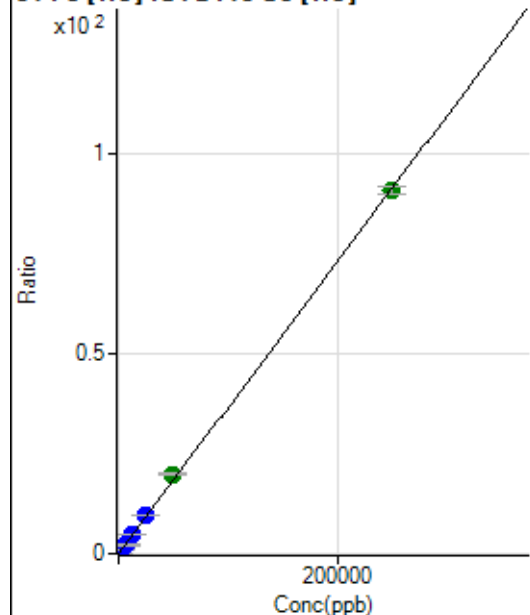
$$R = 0.9999$$

$$DL = 0.1818$$

$$BEC = 0.642$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	450.01	0.0046	P	15.4
2	☐	50.000	54.814	2372.47	0.0246	P	3.7
3	☐	2500.000	2728.208	95863.59	0.9986	P	2.2
4	☐	6250.000	6129.658	235360.29	2.2379	P	10.7
5	☐	12500.000	13482.682	474978.10	4.9168	P	3.2
6	☐	25000.000	26338.511	950268.34	9.6006	P	2.7
7	☐	50000.000	54631.045	1918447.24	19.9086	A	1.6
8	☐	250000.00	248891.53	8816015.94	90.6844	A	2.2

$$y = 3.6433E-004 * x + 0.0046$$

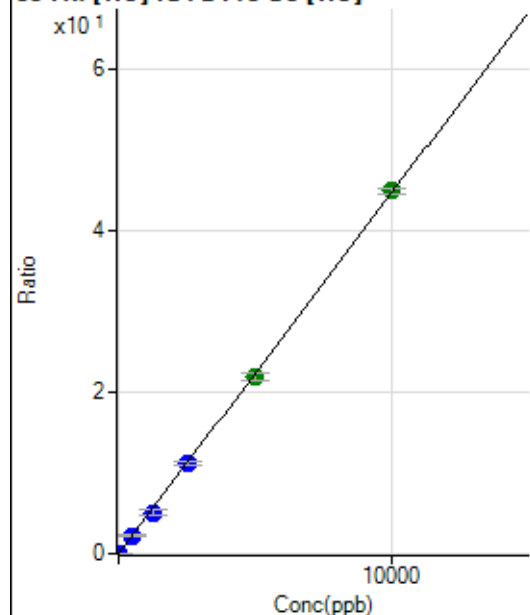
$$R = 0.9998$$

$$DL = 5.856$$

$$BEC = 12.69$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.00	0.0017	P	15.7
2	☐	1.000	0.908	560.02	0.0058	P	4.8
3	☐	500.000	506.070	217339.83	2.2638	P	1.6
4	☐	1250.000	1143.449	537899.25	5.1129	P	10.2
5	☐	2500.000	2500.644	1079947.88	11.1794	P	3.3
6	☐	5000.000	4908.639	2171418.88	21.9430	A	3.7
7	☐	10000.000	10058.535	4332638.62	44.9627	A	1.9
8	☐			4492.97	0.0462	P	1.7

$$y = 0.0045 * x + 0.0017$$

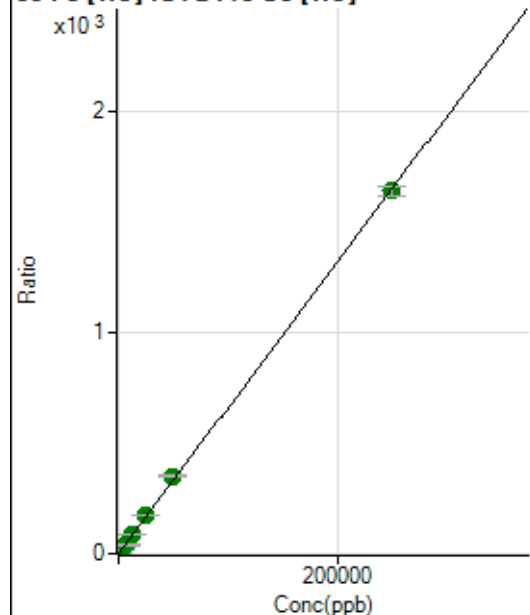
$$R = 0.9999$$

$$DL = 0.1835$$

$$BEC = 0.3907$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4095.12	0.0421	P	6.5
2	☐	50.000	52.184	37213.48	0.3858	P	1.7
3	☐	2500.000	2714.929	1721032.66	17.9264	A	1.6
4	☐	6250.000	6099.196	4234003.94	40.2199	A	9.3
5	☐	12500.000	13324.794	8482373.62	87.8179	A	3.9
6	☐	25000.000	26195.156	17084891.82	172.6002	A	2.6
7	☐	50000.000	53449.062	33929770.44	352.1328	A	2.2
8	☐	250000.00	249151.05	159545503.5	1,641.301	A	2.5

$$y = 0.0066 * x + 0.0421$$

$$R = 0.9999$$

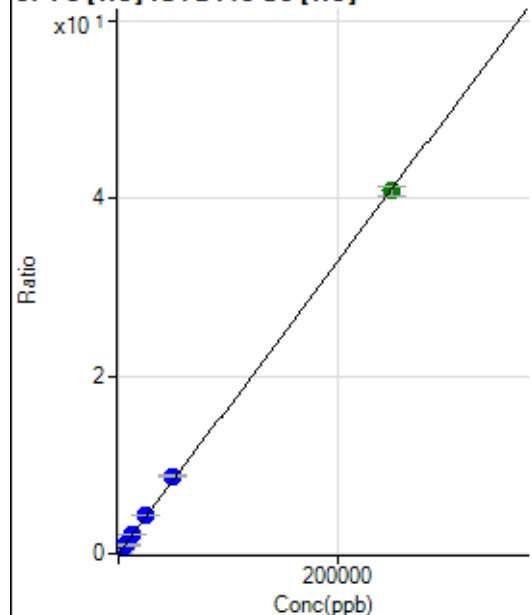
$$DL = 1.251$$

$$BEC = 6.384$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	159.26	0.0016	P	11.7
2	☐	50.000	44.846	866.71	0.0090	P	7.4
3	☐	2500.000	2671.470	42210.65	0.4396	P	0.8
4	☐	6250.000	6067.303	104819.00	0.9964	P	10.4
5	☐	12500.000	13489.974	213788.61	2.2133	P	3.8
6	☐	25000.000	26187.846	425140.11	4.2951	P	2.6
7	☐	50000.000	53467.003	844824.54	8.7676	P	2.3
8	☐	250000.00	249141.17	3970428.62	40.8485	A	2.9

$$y = 1.6395E-004 * x + 0.0016$$

R = 0.9999

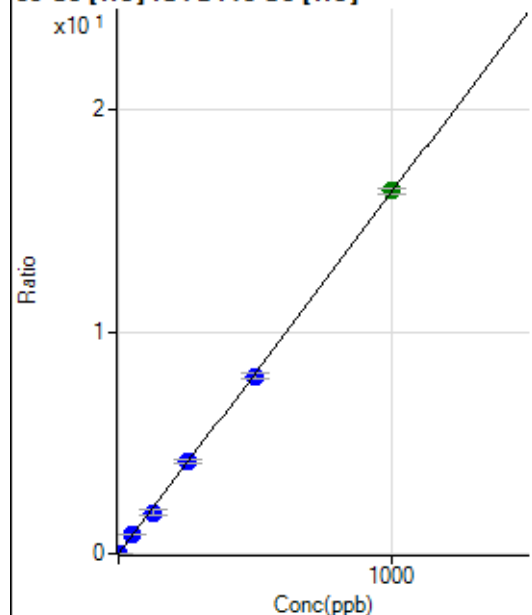
DL = 3.494

BEC = 9.966

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.67	0.0009	P	14.2
2	☐	1.000	0.999	1656.78	0.0172	P	4.0
3	☐	50.000	50.834	79625.52	0.8292	P	0.5
4	☐	125.000	114.343	196050.22	1.8641	P	10.7
5	☐	250.000	253.850	399678.33	4.1374	P	3.4
6	☐	500.000	492.173	793958.16	8.0210	P	2.5
7	☐	1000.000	1004.242	1577189.98	16.3653	A	1.5
8	☐			2932.56	0.0302	P	3.9

$$y = 0.0163 * x + 8.8854E-004$$

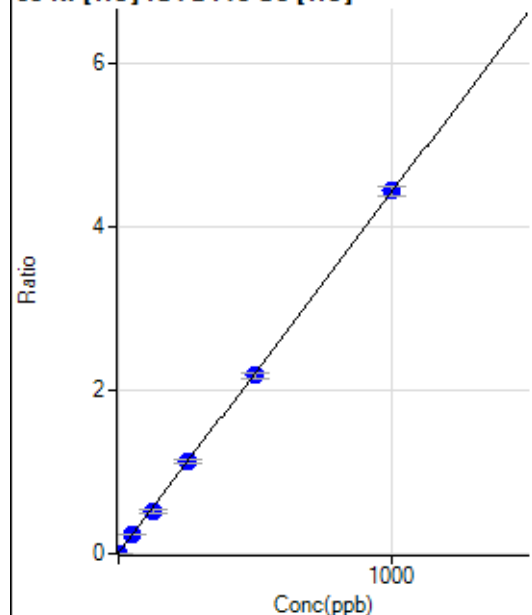
R = 0.9999

DL = 0.02319

BEC = 0.05453

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	456.68	0.0047	P	6.2
2	☐	1.000	1.043	895.59	0.0093	P	4.8
3	☐	50.000	51.421	22210.73	0.2314	P	2.3
4	☐	125.000	116.139	54341.06	0.5167	P	10.6
5	☐	250.000	252.567	107993.71	1.1181	P	4.1
6	☐	500.000	492.688	215437.35	2.1766	P	2.8
7	☐	1000.000	1004.051	426885.59	4.4308	P	2.6
8	☐			3370.44	0.0347	P	5.4

$$y = 0.0044 * x + 0.0047$$

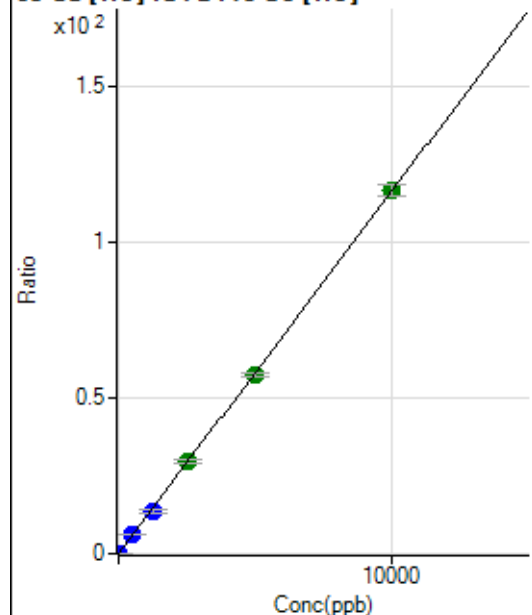
$$R = 0.9999$$

$$DL = 0.1982$$

$$BEC = 1.064$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	923.37	0.0095	P	3.9
2	☐	2.000	2.065	3225.96	0.0334	P	3.5
3	☐	500.000	519.498	579767.38	6.0392	P	2.0
4	☐	1250.000	1173.849	1434261.40	13.6342	P	10.3
5	☐	2500.000	2561.598	2873110.34	29.7416	A	3.2
6	☐	5000.000	4949.617	5687797.90	57.4589	A	2.3
7	☐	10000.000	10018.336	11203009.28	116.2908	A	3.3
8	☐			8962.92	0.0923	P	5.9

$$y = 0.0116 * x + 0.0095$$

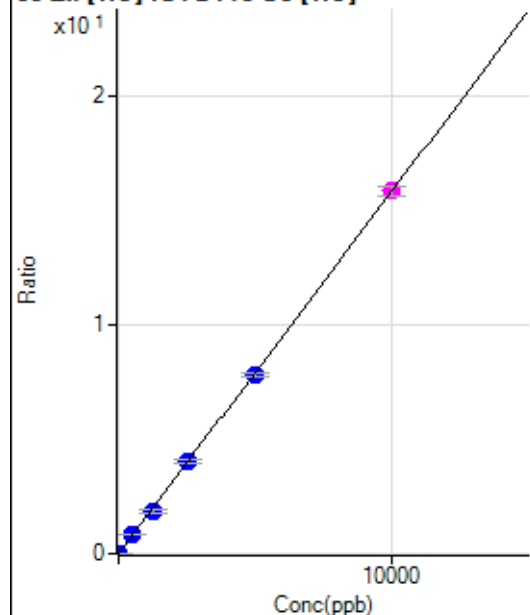
$$R = 0.9999$$

$$DL = 0.09499$$

$$BEC = 0.8167$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69.13	0.0007	P	13.1
2	☐	2.000	1.850	350.11	0.0036	P	8.2
3	☐	500.000	518.370	78608.87	0.8189	P	2.3
4	☐	1250.000	1166.675	193723.31	1.8421	P	10.8
5	☐	2500.000	2546.605	388329.42	4.0200	P	3.5
6	☐	5000.000	4942.237	772167.74	7.8011	P	2.6
7	☐	10000.000	10026.727	1524789.71	15.8260	M	2.5
8	☐			3504.48	0.0360	P	1.5

$$y = 0.0016 * x + 7.0983E-004$$

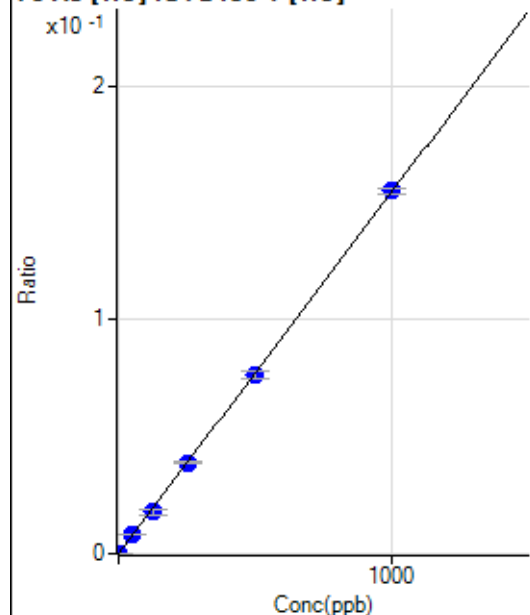
$$R = 0.9999$$

$$DL = 0.1762$$

$$BEC = 0.4497$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6.33	0.0000	P	40.6
2	☐	1.000	0.904	113.68	0.0001	P	4.6
3	☐	50.000	51.029	6018.23	0.0079	P	1.2
4	☐	125.000	115.280	14800.56	0.0178	P	11.1
5	☐	250.000	251.766	29881.45	0.0389	P	2.9
6	☐	500.000	494.044	60051.40	0.0763	P	3.8
7	☐	1000.000	1003.700	120298.07	0.1550	P	1.6
8	☐			52.68	0.0001	P	2.7

$$y = 1.5445E-004 * x + 8.2558E-006$$

$$R = 0.9999$$

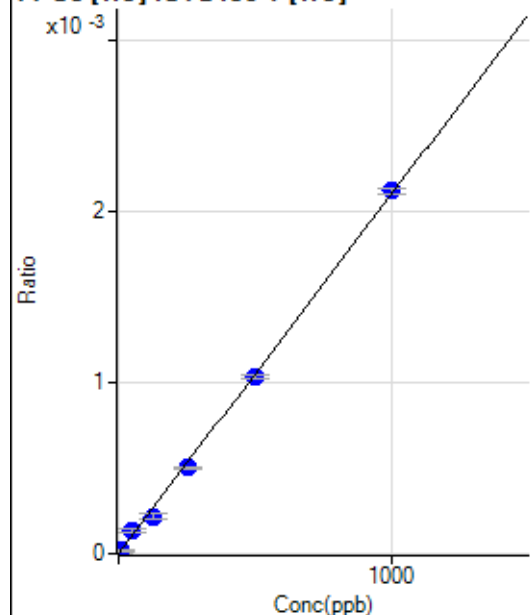
$$DL = 0.06507$$

$$BEC = 0.05345$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.2
2	☐	5.000	8.263	14.44	0.0000	P	70.9
3	☐	50.000	63.951	103.33	0.0001	P	20.9
4	☐	125.000	103.646	182.23	0.0002	P	14.3
5	☐	250.000	237.522	384.45	0.0005	P	0.5
6	☐	500.000	492.327	815.59	0.0010	P	1.5
7	☐	1000.000	1008.911	1645.67	0.0021	P	1.8
8	☐			4.44	0.0000	P	115.3

$$y = 2.0999\text{E-}006 * x + 1.4429\text{E-}006$$

$$R = 0.9994$$

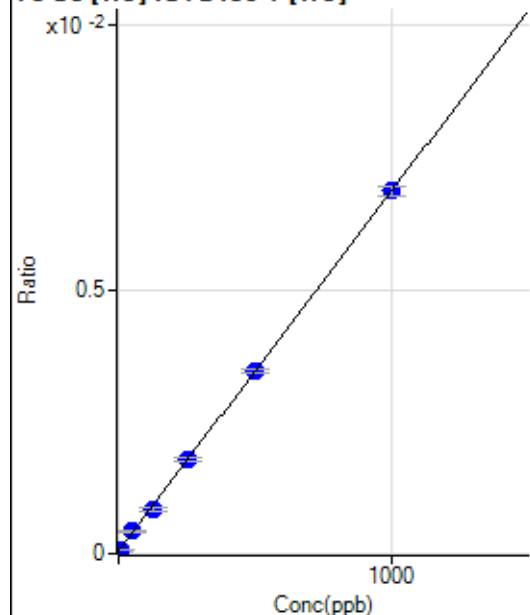
$$DL = 3.57$$

$$BEC = 0.6871$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	39.33	0.0001	P	18.3
2	☐	5.000	4.702	64.01	0.0001	P	4.5
3	☐	50.000	55.699	328.70	0.0004	P	7.5
4	☐	125.000	114.694	692.09	0.0008	P	10.4
5	☐	250.000	254.619	1371.88	0.0018	P	3.9
6	☐	500.000	499.257	2717.87	0.0035	P	2.2
7	☐	1000.000	1000.221	5326.21	0.0069	P	2.4
8	☐			57.68	0.0001	P	8.1

$$y = 6.8121\text{E-}006 * x + 5.1198\text{E-}005$$

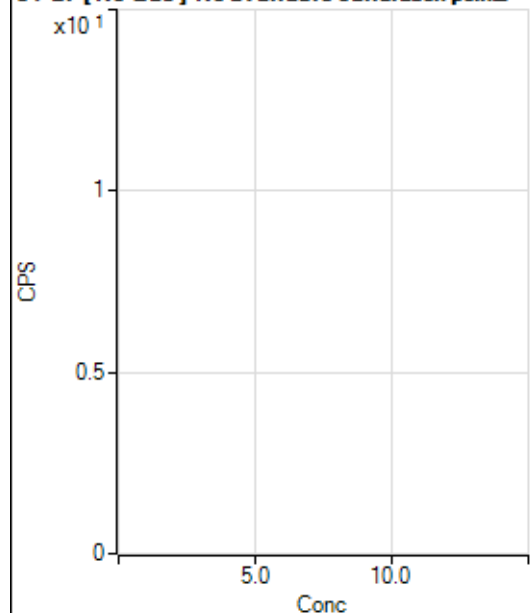
$$R = 0.9999$$

$$DL = 4.118$$

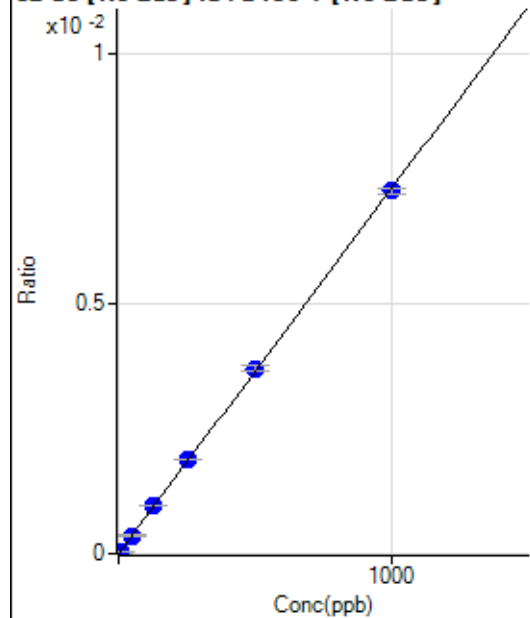
$$BEC = 7.516$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2733.10		P	2.9
2	☐			2482.78		P	8.3
3	☐			2642.99		P	6.6
4	☐			2786.50		P	3.8
5	☐			2923.33		P	6.2
6	☐			2773.14		P	10.7
7	☐			2709.74		P	9.5
8	☐			2953.35		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7.81	0.0000	P	674.4
2	☐	5.000	4.618	237.58	0.0000	P	25.3
3	☐	50.000	49.207	2418.64	0.0004	P	6.6
4	☐	125.000	131.103	6433.21	0.0010	P	3.2
5	☐	250.000	256.838	12673.98	0.0019	P	0.8
6	☐	500.000	507.045	24974.44	0.0037	P	3.0
7	☐	1000.000	994.047	50219.46	0.0073	P	1.3
8	☐			-1.61	0.0000	P	-1541.

$$y = 7.3036E-006 * x + 9.6765E-007$$

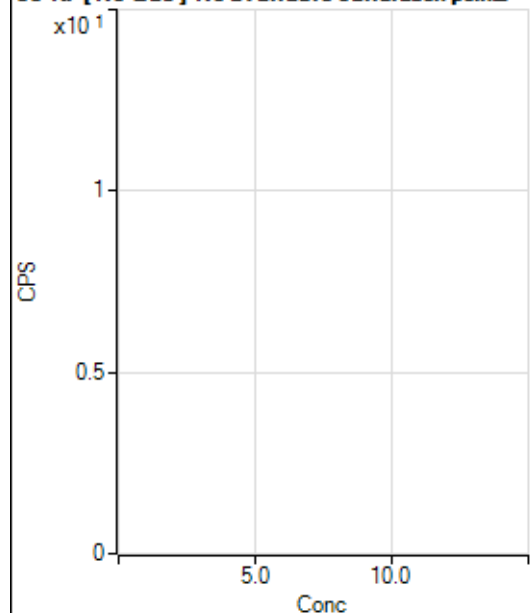
$$R = 0.9999$$

$$DL = 2.68$$

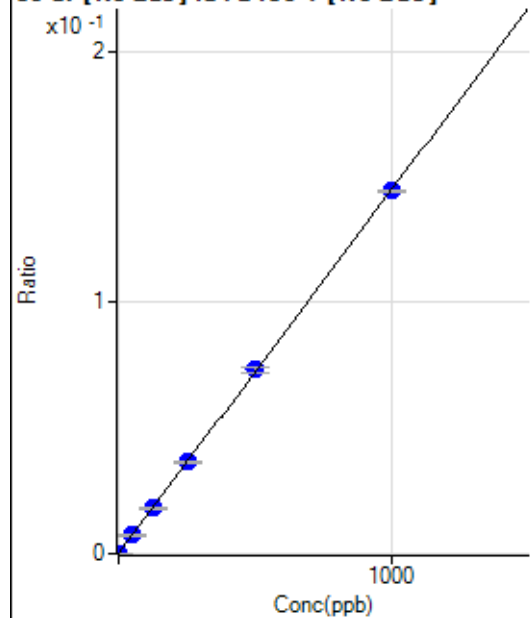
$$BEC = 0.1325$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			433.35		P	7.6
2	☐			456.68		P	14.6
3	☐			468.90		P	13.2
4	☐			446.68		P	7.1
5	☐			411.12		P	6.6
6	☐			460.01		P	11.3
7	☐			466.68		P	15.3
8	☐			463.35		P	10.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	697.26	0.0001	P	20.2
2	☐	1.000	0.828	1530.69	0.0002	P	8.5
3	☐	50.000	49.718	49070.15	0.0073	P	2.4
4	☐	125.000	125.610	122769.42	0.0183	P	3.4
5	☐	250.000	251.339	246464.04	0.0365	P	1.3
6	☐	500.000	504.524	493213.40	0.0732	P	3.4
7	☐	1000.000	997.341	999586.43	0.1445	P	0.6
8	☐			6070.94	0.0009	P	7.1

$$y = 1.4480E-004 * x + 1.0398E-004$$

$$R = 1.0000$$

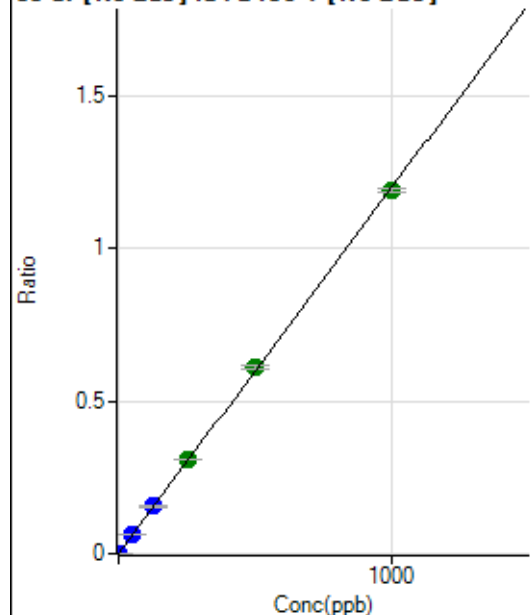
$$DL = 0.4345$$

$$BEC = 0.7181$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	147.23	0.0000	P	33.0
2	☐	1.000	0.960	8005.26	0.0012	P	3.8
3	☐	50.000	51.715	415765.26	0.0619	P	4.0
4	☐	125.000	130.537	1048602.70	0.1562	P	2.7
5	☐	250.000	257.706	2082569.38	0.3084	A	1.0
6	☐	500.000	511.104	4123856.56	0.6116	A	2.6
7	☐	1000.000	991.744	8208532.74	1.1867	A	1.1
8	☐			44822.49	0.0066	P	2.0

$$y = 0.0012 * x + 2.1927E-005$$

$$R = 0.9999$$

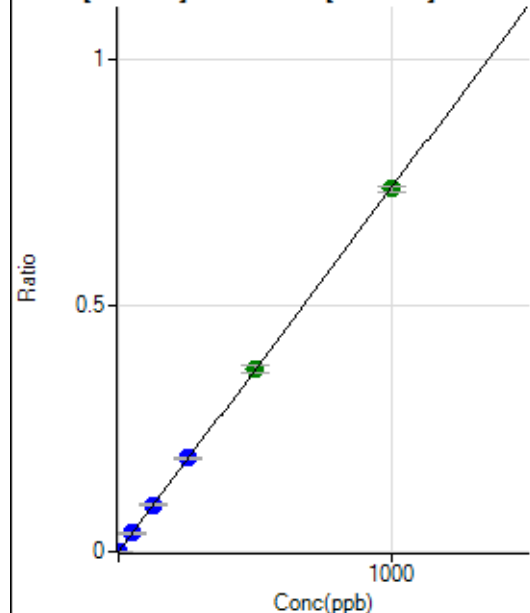
$$DL = 0.01812$$

$$BEC = 0.01833$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	244.45	0.0000	P	9.8
2	☐	1.000	0.962	5112.17	0.0007	P	1.9
3	☐	50.000	50.419	250546.35	0.0373	P	4.0
4	☐	125.000	128.469	637697.64	0.0950	P	2.2
5	☐	250.000	256.311	1279647.74	0.1895	P	0.6
6	☐	500.000	502.337	2503561.97	0.3714	A	3.4
7	☐	1000.000	996.799	5096075.46	0.7368	A	1.6
8	☐			1852.96	0.0003	P	7.4

$$y = 7.3918E-004 * x + 3.6502E-005$$

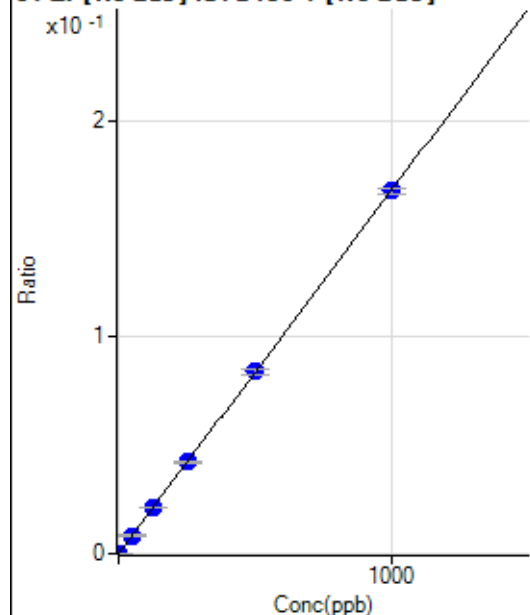
$$R = 1.0000$$

$$DL = 0.01455$$

$$BEC = 0.04938$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	21.2
2	☐	1.000	0.894	1080.63	0.0002	P	13.1
3	☐	50.000	49.651	56032.32	0.0083	P	5.3
4	☐	125.000	126.517	142672.30	0.0213	P	2.3
5	☐	250.000	252.278	286128.30	0.0424	P	1.8
6	☐	500.000	501.396	567709.25	0.0842	P	3.2
7	☐	1000.000	998.560	1159798.00	0.1677	P	1.4
8	☐			386.13	0.0001	P	12.5

$$y = 1.6793\text{E-}004 * x + 7.9407\text{E-}006$$

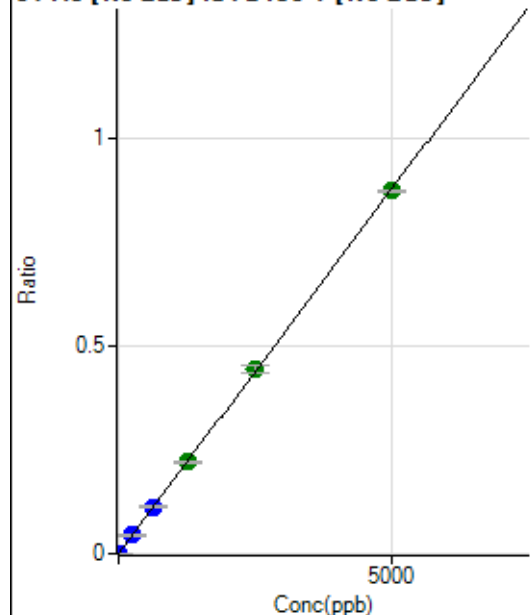
$$R = 1.0000$$

$$DL = 0.03001$$

$$BEC = 0.04729$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.34	0.0000	P	6.0
2	☐	5.000	4.646	5662.43	0.0008	P	5.8
3	☐	250.000	253.937	299262.03	0.0446	P	3.8
4	☐	625.000	641.359	755237.90	0.1125	P	2.5
5	☐	1250.000	1255.577	1487349.64	0.2203	A	0.7
6	☐	2500.000	2534.499	2997096.07	0.4446	A	3.6
7	☐	5000.000	4979.115	6040979.00	0.8734	A	0.7
8	☐			2855.92	0.0004	P	7.8

$$y = 1.7541\text{E-}004 * x + 1.2458\text{E-}005$$

$$R = 1.0000$$

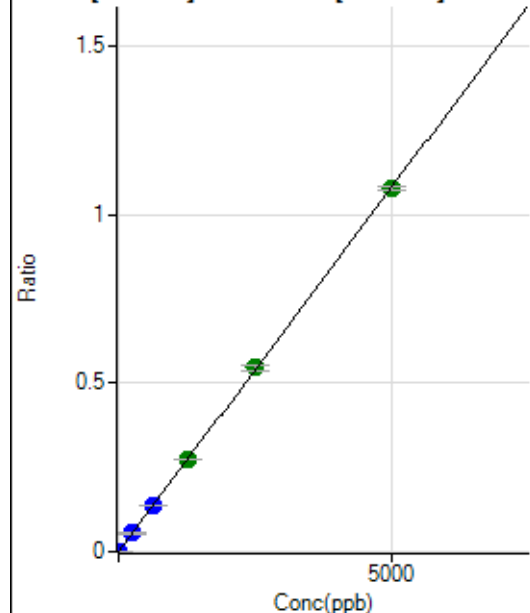
$$DL = 0.01273$$

$$BEC = 0.07102$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	54.7
2	☐	5.000	4.873	7221.50	0.0011	P	6.2
3	☐	250.000	251.679	364989.78	0.0543	P	4.2
4	☐	625.000	635.899	921790.08	0.1373	P	2.0
5	☐	1250.000	1269.666	1851406.44	0.2742	A	0.6
6	☐	2500.000	2525.513	3676295.40	0.5453	A	3.6
7	☐	5000.000	4980.881	7438763.27	1.0755	A	1.0
8	☐			3967.35	0.0006	P	1.0

$$y = 2.1593\text{E-}004 * x + 3.7087\text{E-}006$$

$$R = 1.0000$$

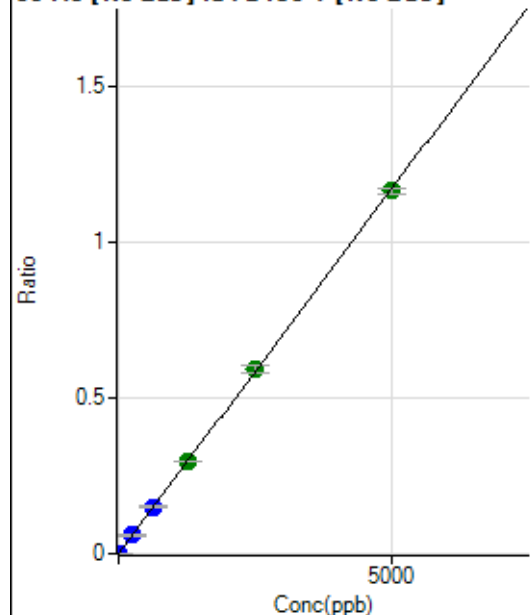
$$DL = 0.02816$$

$$BEC = 0.01718$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	38.89	0.0000	P	21.9
2	☐	5.000	4.833	7763.51	0.0011	P	3.6
3	☐	250.000	254.159	398897.38	0.0594	P	3.7
4	☐	625.000	642.733	1008178.50	0.1502	P	1.8
5	☐	1250.000	1270.103	2004050.65	0.2968	A	0.5
6	☐	2500.000	2533.611	3990272.83	0.5920	A	4.0
7	☐	5000.000	4975.745	8040358.16	1.1626	A	1.8
8	☐			4764.84	0.0007	P	8.7

$$y = 2.3365\text{E-}004 * x + 5.8038\text{E-}006$$

$$R = 1.0000$$

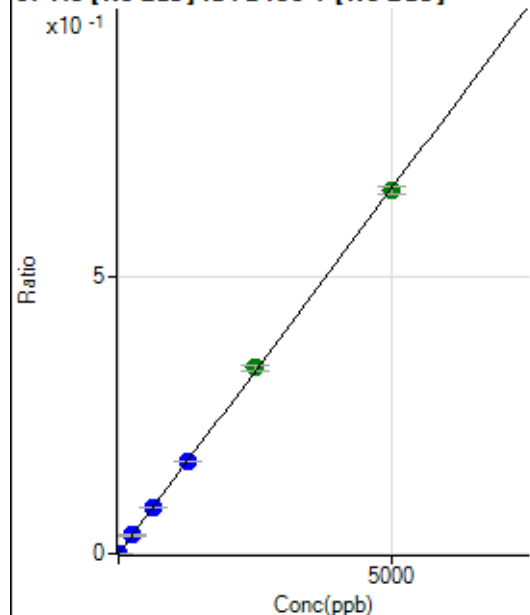
$$DL = 0.01636$$

$$BEC = 0.02484$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.9
2	☐	5.000	4.948	4464.73	0.0007	P	2.9
3	☐	250.000	252.869	223764.20	0.0333	P	3.7
4	☐	625.000	633.570	560351.65	0.0835	P	1.9
5	☐	1250.000	1269.094	1129085.44	0.1672	P	0.8
6	☐	2500.000	2548.137	2263226.70	0.3357	A	3.2
7	☐	5000.000	4969.943	4528319.76	0.6548	A	2.0
8	☐			2439.19	0.0004	P	9.3

$$y = 1.3175\text{E-}004 * x + 8.4319\text{E-}007$$

$$R = 0.9999$$

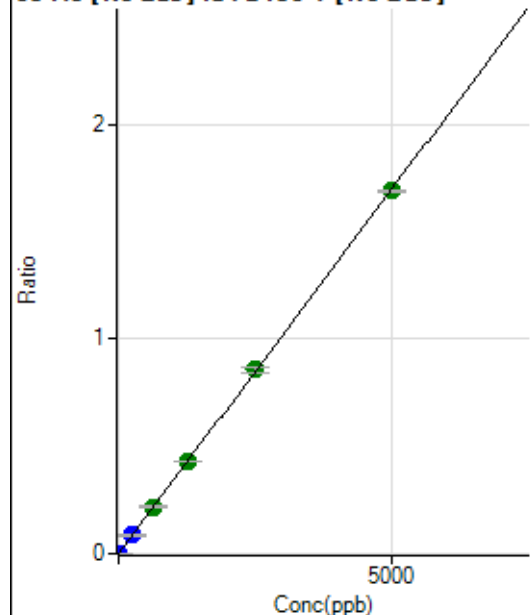
$$DL = 0.01668$$

$$BEC = 0.0064$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.1
2	☐	5.000	4.898	11385.52	0.0017	P	2.8
3	☐	250.000	254.031	578685.70	0.0862	P	3.6
4	☐	625.000	639.747	1456210.28	0.2170	A	3.3
5	☐	1250.000	1269.866	2908211.00	0.4307	A	1.4
6	☐	2500.000	2524.151	5770906.99	0.8560	A	3.4
7	☐	5000.000	4980.913	11683590.28	1.6892	A	0.7
8	☐			6076.49	0.0009	P	8.7

$$y = 3.3914\text{E-}004 * x + 3.6392\text{E-}006$$

$$R = 1.0000$$

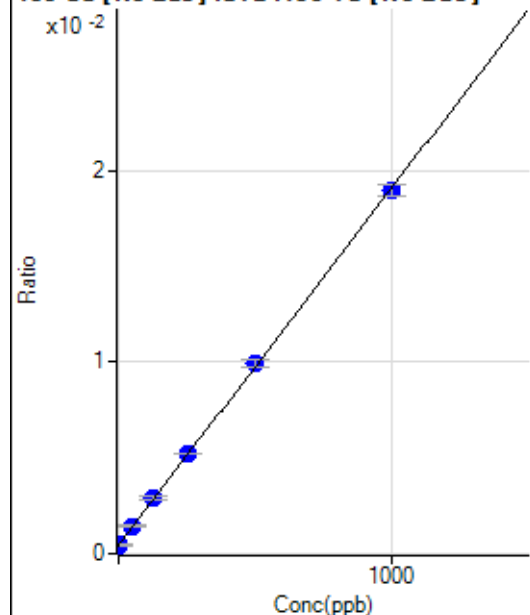
$$DL = 0.02836$$

$$BEC = 0.01073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1639.03	0.0004	P	4.8
2	☐	1.000	0.935	1736.27	0.0005	P	10.0
3	☐	50.000	53.714	5392.88	0.0014	P	5.6
4	☐	125.000	130.706	10851.72	0.0029	P	5.7
5	☐	250.000	255.758	19817.45	0.0052	P	1.0
6	☐	500.000	509.929	37958.37	0.0099	P	4.4
7	☐	1000.000	992.697	75051.07	0.0189	P	3.2
8	☐			1797.40	0.0005	P	3.8

$$y = 1.8636E-005 * x + 4.4436E-004$$

$$R = 0.9999$$

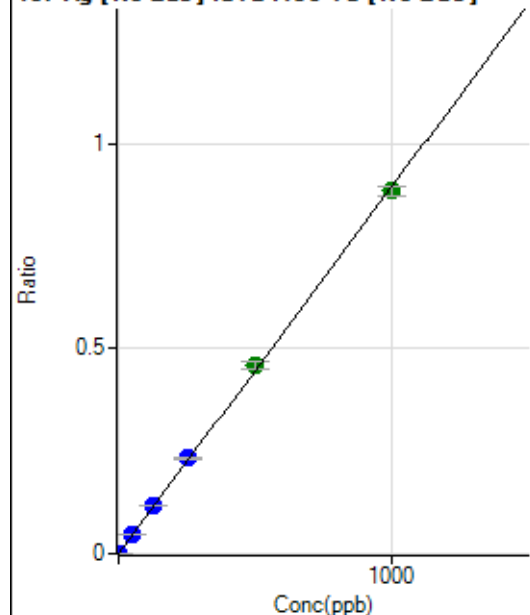
$$DL = 3.416$$

$$BEC = 23.84$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	66.67	0.0000	P	52.2
2	☐	1.000	0.961	3294.94	0.0009	P	3.3
3	☐	50.000	52.942	176581.36	0.0473	P	4.1
4	☐	125.000	131.813	444066.13	0.1178	P	2.2
5	☐	250.000	260.409	885083.29	0.2327	P	1.3
6	☐	500.000	513.133	1749900.78	0.4586	A	4.6
7	☐	1000.000	989.833	3504407.67	0.8846	A	2.5
8	☐			1941.88	0.0005	P	2.4

$$y = 8.9362E-004 * x + 1.7791E-005$$

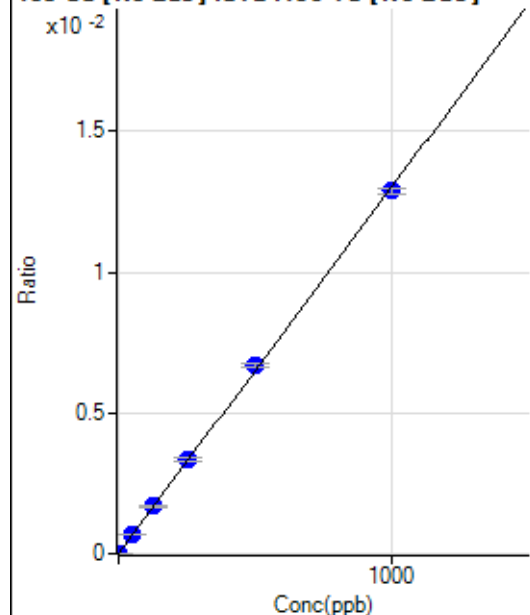
$$R = 0.9998$$

$$DL = 0.03115$$

$$BEC = 0.01991$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	15.28	0.0000	P	103.6
2	☐	1.000	1.191	73.61	0.0000	P	33.3
3	☐	50.000	53.017	2589.17	0.0007	P	3.4
4	☐	125.000	128.517	6316.79	0.0017	P	1.8
5	☐	250.000	257.288	12735.17	0.0033	P	4.5
6	☐	500.000	514.301	25537.63	0.0067	P	2.8
7	☐	1000.000	990.437	51035.64	0.0129	P	1.5
8	☐			55.56	0.0000	P	18.1

$$y = 1.3001\text{E-}005 * x + 4.1175\text{E-}006$$

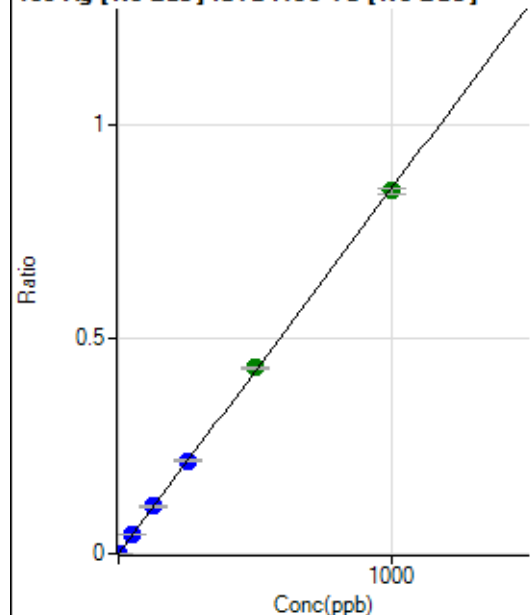
$$R = 0.9998$$

$$DL = 0.9842$$

$$BEC = 0.3167$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	64.4
2	☐	1.000	0.945	3050.43	0.0008	P	4.0
3	☐	50.000	51.780	164523.09	0.0441	P	4.5
4	☐	125.000	129.058	414318.84	0.1099	P	1.8
5	☐	250.000	254.640	824697.85	0.2168	P	1.6
6	☐	500.000	509.476	1656355.25	0.4339	A	1.1
7	☐	1000.000	993.506	3352001.90	0.8460	A	1.8
8	☐			1775.17	0.0005	P	4.4

$$y = 8.5156\text{E-}004 * x + 7.5733\text{E-}006$$

$$R = 0.9999$$

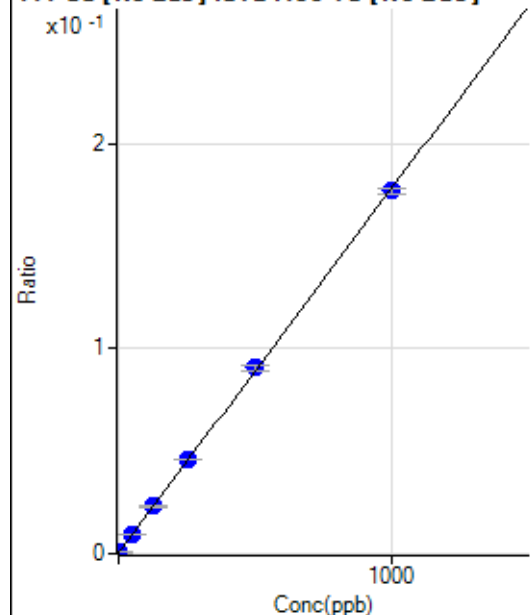
$$DL = 0.01719$$

$$BEC = 0.008893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1150.52	0.0003	P	4.6
2	☐	1.000	1.189	1966.67	0.0005	P	9.8
3	☐	50.000	51.722	35442.25	0.0095	P	3.9
4	☐	125.000	129.321	87741.78	0.0233	P	3.4
5	☐	250.000	255.630	173875.55	0.0457	P	1.0
6	☐	500.000	508.734	346054.01	0.0907	P	3.3
7	☐	1000.000	993.599	700480.88	0.1768	P	1.7
8	☐			1535.97	0.0004	P	3.9

$$y = 1.7762\text{E-}004 * x + 3.1186\text{E-}004$$

$$R = 0.9999$$

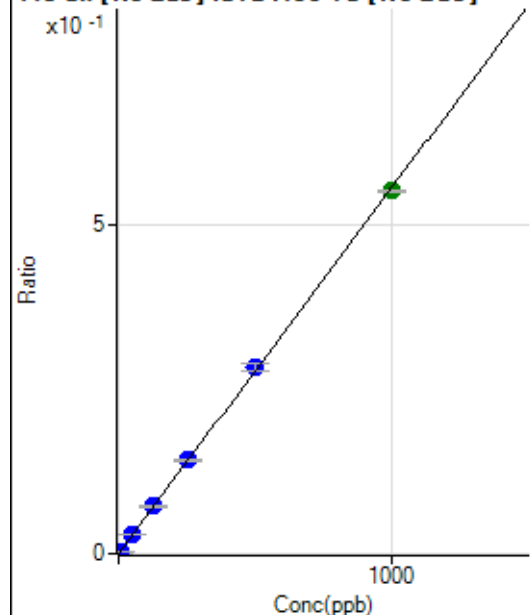
$$DL = 0.2428$$

$$BEC = 1.756$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	191.67	0.0001	P	17.3
2	☐	5.000	4.797	10209.64	0.0027	P	1.7
3	☐	50.000	51.693	107310.84	0.0288	P	4.7
4	☐	125.000	129.182	270709.60	0.0718	P	1.5
5	☐	250.000	256.217	541467.41	0.1424	P	1.1
6	☐	500.000	510.953	1083358.04	0.2839	P	3.7
7	☐	1000.000	992.363	2184412.57	0.5513	A	0.2
8	☐			1183.41	0.0003	P	3.4

$$y = 5.5547\text{E-}004 * x + 5.1619\text{E-}005$$

$$R = 0.9999$$

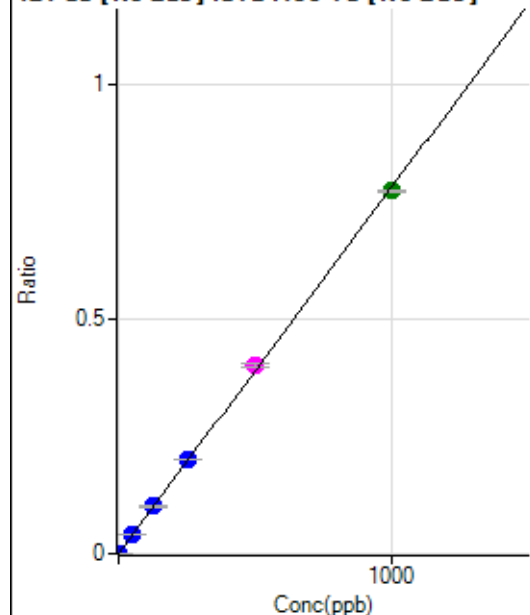
$$DL = 0.04817$$

$$BEC = 0.09293$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	25.00	0.0000	P	36.6
2	☐	2.000	1.936	5706.93	0.0015	P	3.6
3	☐	50.000	51.921	151303.78	0.0405	P	3.5
4	☐	125.000	129.956	382481.37	0.1015	P	2.7
5	☐	250.000	258.172	766729.80	0.2016	P	0.3
6	☐	500.000	512.869	1528550.18	0.4005	M	2.4
7	☐	1000.000	990.807	3065470.77	0.7736	A	0.4
8	☐			2575.32	0.0007	P	10.5

$$y = 7.8082\text{E-}004 * x + 6.8161\text{E-}006$$

$$R = 0.9998$$

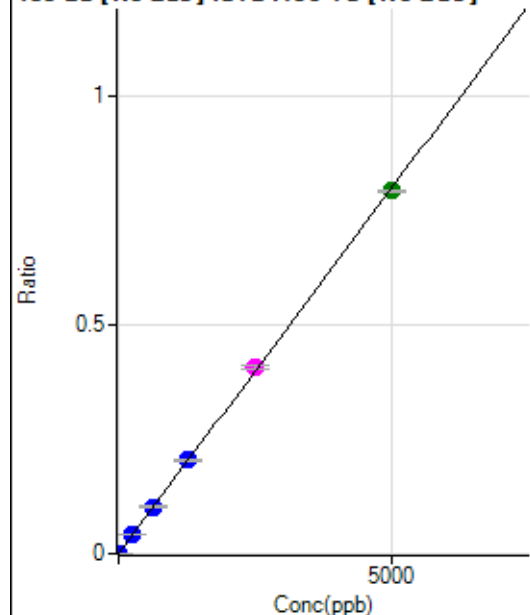
$$DL = 0.009595$$

$$BEC = 0.008729$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.67	0.0000	P	50.7
2	☐	10.000	9.961	5987.62	0.0016	P	2.9
3	☐	250.000	257.661	153434.14	0.0411	P	3.0
4	☐	625.000	635.991	382416.69	0.1015	P	2.9
5	☐	1250.000	1283.959	778995.32	0.2048	P	1.8
6	☐	2500.000	2548.418	1551756.47	0.4066	M	2.7
7	☐	5000.000	4965.544	3139004.19	0.7922	A	0.8
8	☐			5720.81	0.0015	P	1.7

$$y = 1.5953\text{E-}004 * x + 4.5502\text{E-}006$$

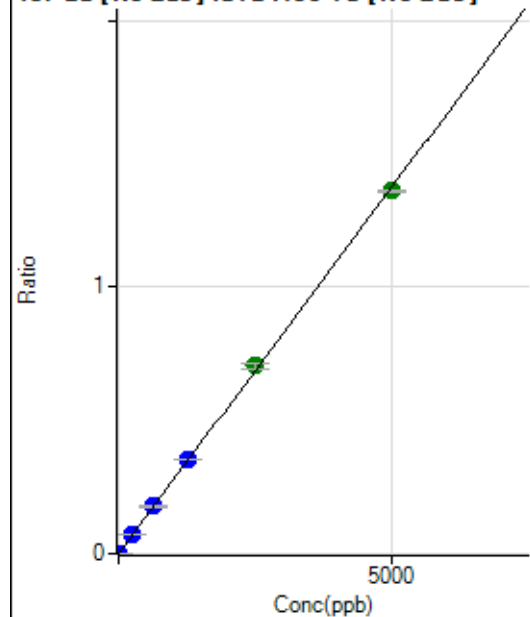
$$R = 0.9999$$

$$DL = 0.04336$$

$$BEC = 0.02852$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	58.5
2	☐	10.000	9.578	9962.23	0.0027	P	1.0
3	☐	250.000	259.833	266423.25	0.0714	P	2.9
4	☐	625.000	649.028	671990.47	0.1783	P	2.5
5	☐	1250.000	1292.193	1349937.60	0.3549	P	0.8
6	☐	2500.000	2562.391	2685996.48	0.7038	A	3.6
7	☐	5000.000	4954.762	5392478.20	1.3609	A	0.5
8	☐			9820.45	0.0026	P	4.3

$$y = 2.7467E-004 * x + 2.0246E-005$$

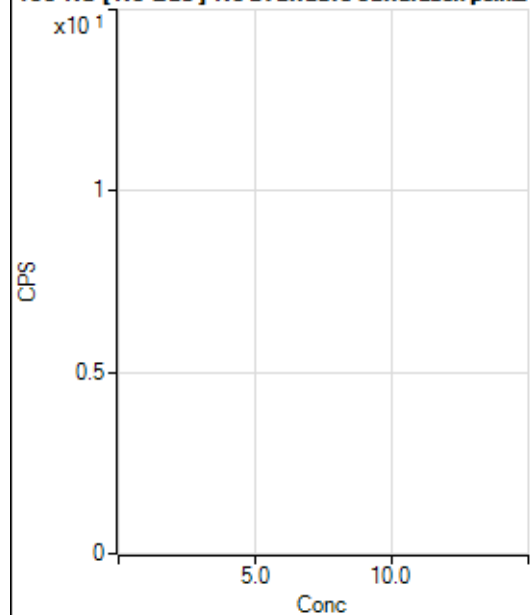
$$R = 0.9998$$

$$DL = 0.1294$$

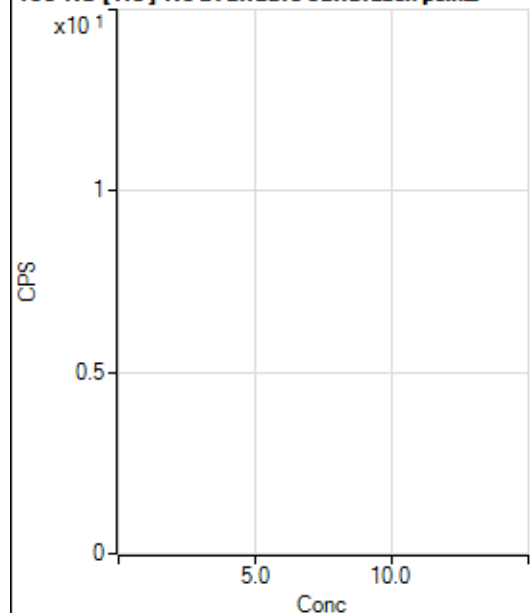
$$BEC = 0.07371$$

Weight: <None>

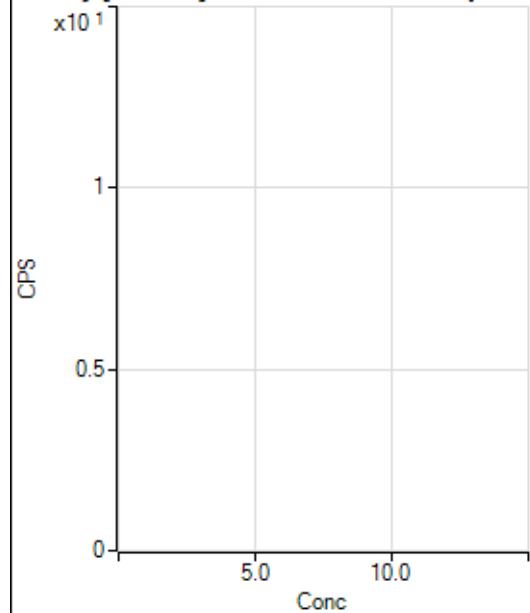
Min Conc: 0

150 Nd [No Gas] No available calibration points

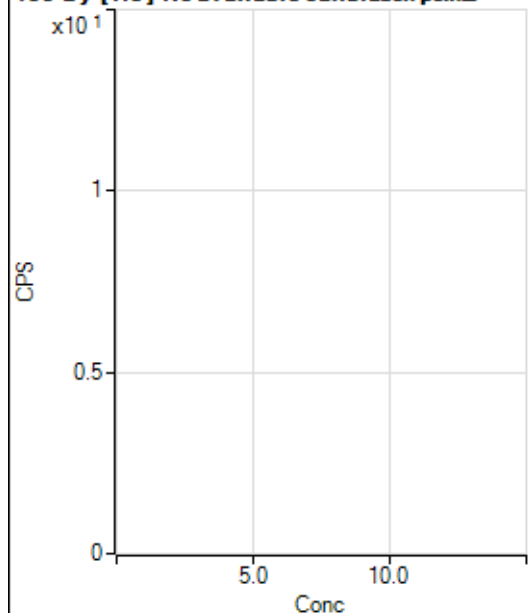
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	91.7
2	☐			8.89		P	86.6
3	☐			22.22		P	17.3
4	☐			35.55		P	10.8
5	☐			44.44		P	17.3
6	☐			75.56		P	5.1
7	☐			208.90		P	7.4
8	☐			11.11		P	69.3

150 Nd [He] No available calibration points

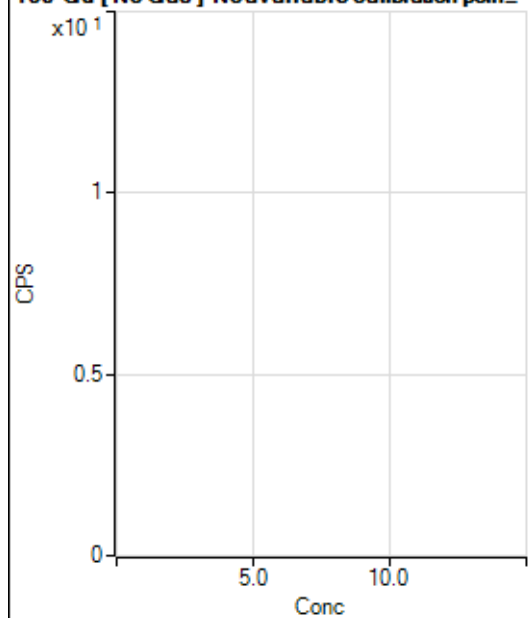
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			6.66		P	86.6
6	☐			4.44		P	43.4
7	☐			14.44		P	58.1
8	☐			2.22		P	86.6

156 Dy [No Gas] No available calibration points

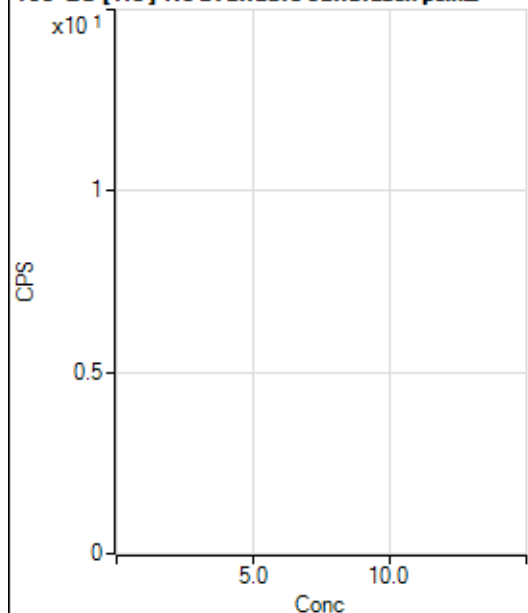
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	NaN
2	☐			16.67		P	100.0
3	☐			11.11		P	43.3
4	☐			5.55		P	86.6
5	☐			36.11		P	58.1
6	☐			52.78		P	24.1
7	☐			111.11		P	8.7
8	☐			138.89		P	12.5

156 Dy [He] No available calibration points

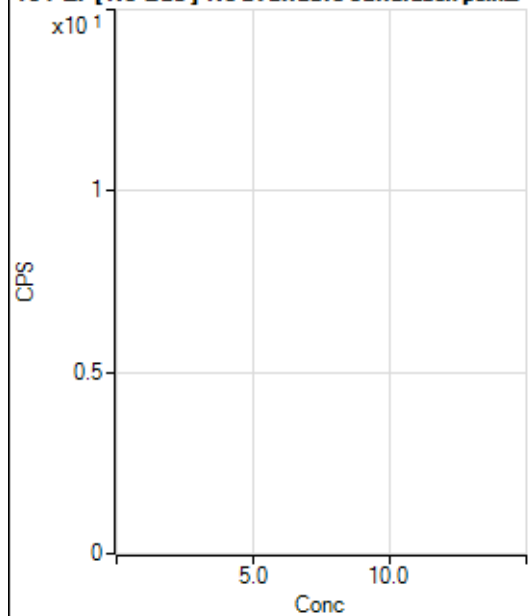
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	34.7
2	☐			4.44		P	114.6
3	☐			10.00		P	115.5
4	☐			10.00		P	66.7
5	☐			8.89		P	86.6
6	☐			20.00		P	76.4
7	☐			27.78		P	18.3
8	☐			86.67		P	24.0

160 Gd [No Gas] Noavailable calibration poin_

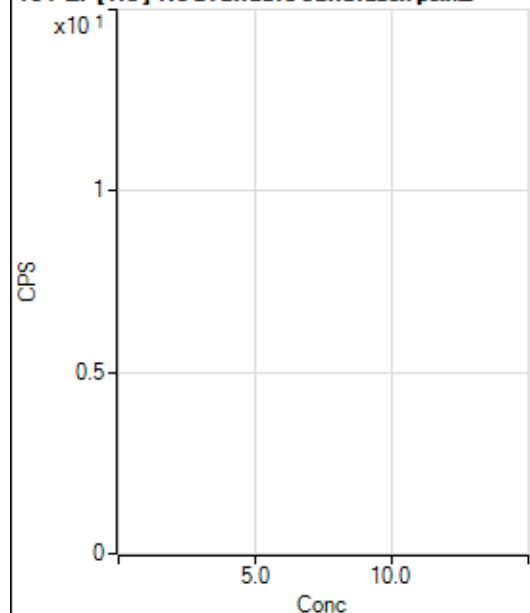
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.56		P	31.5
2	☐			50.00		P	28.9
3	☐			41.67		P	52.9
4	☐			41.67		P	40.0
5	☐			44.45		P	10.8
6	☐			86.11		P	20.1
7	☐			91.67		P	15.7
8	☐			194.45		P	17.3

160 Gd [He] No available calibration points

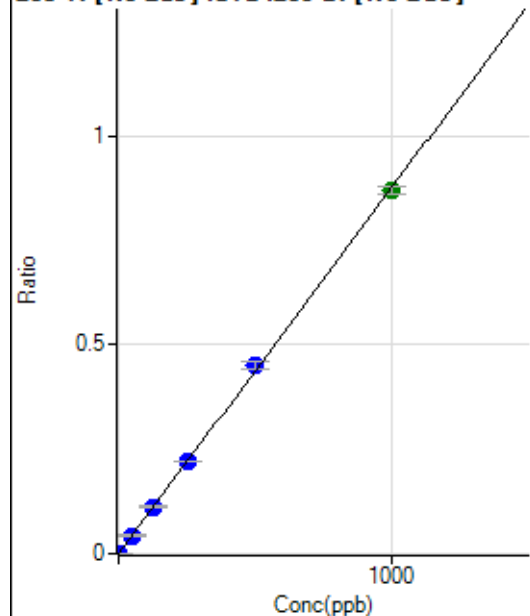
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	13.4
2	☐			11.11		P	62.5
3	☐			16.67		P	34.6
4	☐			14.44		P	66.6
5	☐			28.89		P	43.7
6	☐			21.11		P	24.1
7	☐			41.11		P	28.5
8	☐			90.00		P	13.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.00		P	33.3
2	☐			27.78		P	34.6
3	☐			19.44		P	49.5
4	☐			36.11		P	13.3
5	☐			22.22		P	57.3
6	☐			27.78		P	45.8
7	☐			41.67		P	72.1
8	☐			36.11		P	48.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5.56		P	91.6
2	☐			15.55		P	44.6
3	☐			10.00		P	57.7
4	☐			8.89		P	78.1
5	☐			14.45		P	48.0
6	☐			12.22		P	15.7
7	☐			15.56		P	53.9
8	☐			14.45		P	93.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	41.4
2	☐	1.000	1.043	1844.63	0.0009	P	5.3
3	☐	50.000	49.559	86409.10	0.0434	P	1.8
4	☐	125.000	127.167	220188.33	0.1114	P	2.7
5	☐	250.000	252.752	443287.85	0.2214	P	0.9
6	☐	500.000	514.169	894417.28	0.4503	P	3.6
7	☐	1000.000	991.979	1807001.82	0.8688	A	2.0
8	☐			1486.24	0.0008	P	13.9

$$y = 8.7577E-004 * x + 1.5952E-005$$

$$R = 0.9998$$

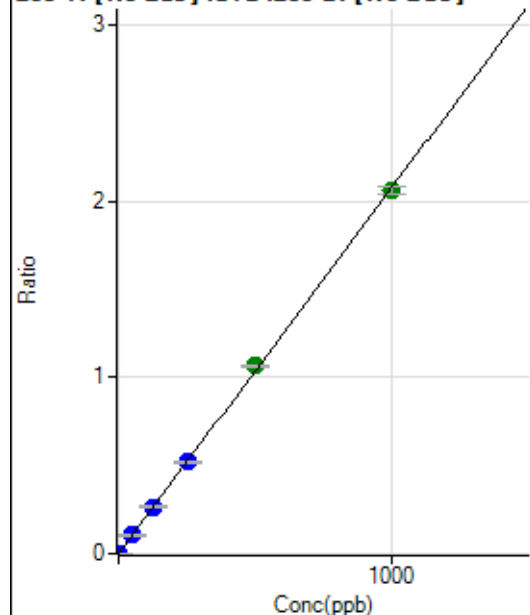
$$DL = 0.02262$$

$$BEC = 0.01821$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	63.89	0.0000	P	20.4
2	☐	1.000	0.947	3961.82	0.0020	P	5.5
3	☐	50.000	50.407	207889.04	0.1045	P	2.9
4	☐	125.000	127.702	523144.88	0.2646	P	2.9
5	☐	250.000	251.239	1042528.11	0.5206	P	1.1
6	☐	500.000	513.937	2115986.18	1.0650	A	1.3
7	☐	1000.000	992.364	4277141.81	2.0563	A	2.0
8	☐			3420.02	0.0018	P	3.1

$$y = 0.0021 * x + 3.3371E-005$$

$$R = 0.9999$$

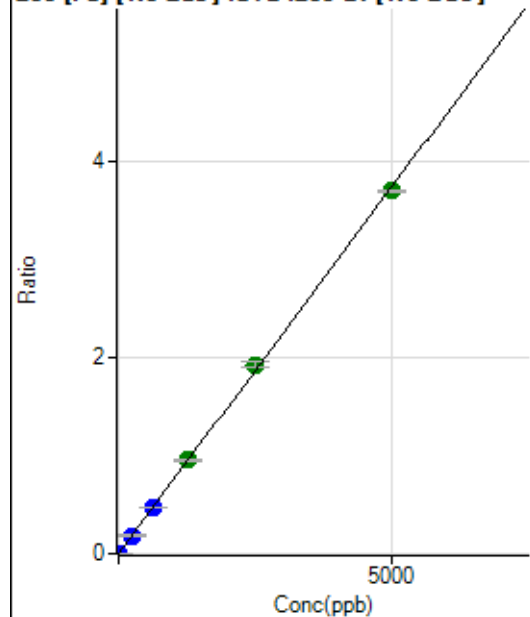
$$DL = 0.009871$$

$$BEC = 0.0161$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	305.57	0.0002	P	24.3
2	☐	1.000	0.841	1563.09	0.0008	P	4.6
3	☐	250.000	249.064	370218.91	0.1861	P	3.3
4	☐	625.000	634.596	936860.58	0.4739	P	2.3
5	☐	1250.000	1275.649	1907469.60	0.9524	A	0.8
6	☐	2500.000	2583.042	3830850.75	1.9284	A	2.3
7	☐	5000.000	4950.914	7687778.41	3.6960	A	0.7
8	☐			9212.70	0.0048	P	4.4

$$y = 7.4651E-004 * x + 1.5965E-004$$

$$R = 0.9998$$

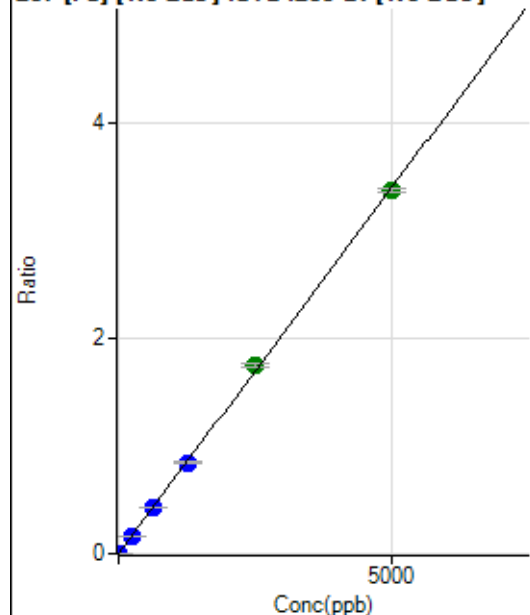
$$DL = 0.1559$$

$$BEC = 0.2139$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	270.38	0.0001	P	15.0
2	☐	1.000	0.816	1377.88	0.0007	P	5.7
3	☐	250.000	245.600	331500.02	0.1666	P	2.7
4	☐	625.000	627.073	840501.11	0.4252	P	2.5
5	☐	1250.000	1245.084	1690198.43	0.8440	P	0.7
6	☐	2500.000	2579.956	3474370.07	1.7488	A	1.6
7	☐	5000.000	4961.212	6994470.30	3.3628	A	1.1
8	☐			8034.12	0.0042	P	1.2

$$y = 6.7778\text{E-}004 * x + 1.4082\text{E-}004$$

$$R = 0.9998$$

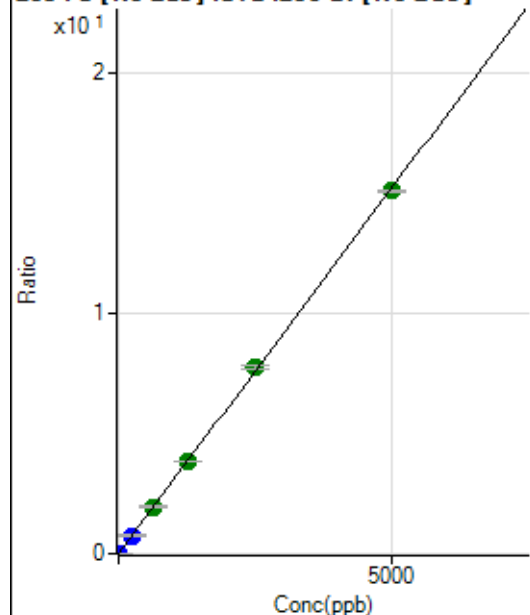
$$DL = 0.09362$$

$$BEC = 0.2078$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1124.12	0.0006	P	5.1
2	☐	1.000	0.851	6293.31	0.0032	P	1.6
3	☐	250.000	247.867	1497248.08	0.7525	P	3.0
4	☐	625.000	638.129	3828436.30	1.9365	A	2.2
5	☐	1250.000	1263.272	7675907.94	3.8330	A	0.3
6	☐	2500.000	2558.265	15419413.08	7.7616	A	2.0
7	☐	5000.000	4966.015	31336986.58	15.0660	A	0.6
8	☐			36338.94	0.0190	P	1.7

$$y = 0.0030 * x + 5.8647\text{E-}004$$

$$R = 0.9999$$

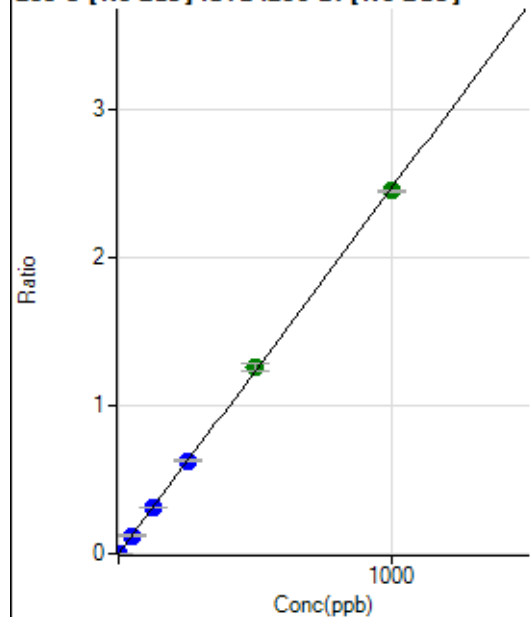
$$DL = 0.0298$$

$$BEC = 0.1933$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.2
2	☐	1.000	0.906	4456.47	0.0022	P	4.4
3	☐	50.000	49.181	241098.59	0.1212	P	3.4
4	☐	125.000	126.814	617675.60	0.3125	P	3.1
5	☐	250.000	253.456	1250483.43	0.6245	P	1.7
6	☐	500.000	512.235	2506618.83	1.2621	A	4.3
7	☐	1000.000	992.833	5088411.14	2.4463	A	0.7
8	☐			900.06	0.0005	P	15.9

$$y = 0.0025 * x + 1.1625E-005$$

$$R = 0.9999$$

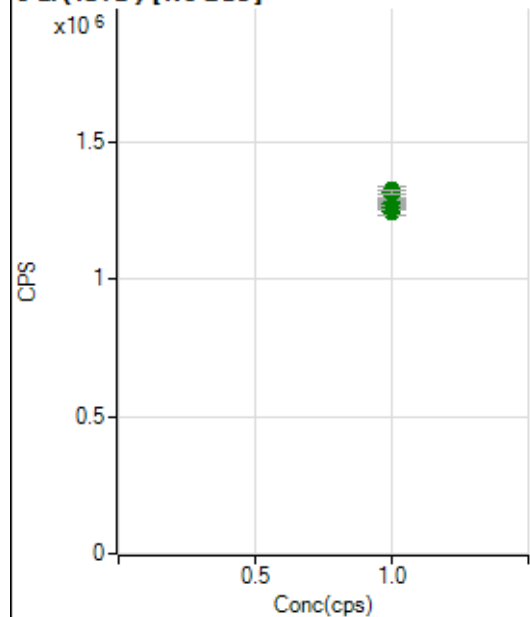
$$DL = 0.008093$$

$$BEC = 0.004718$$

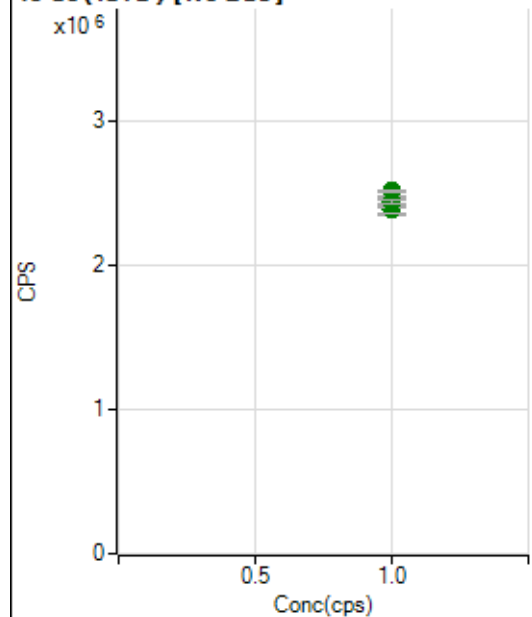
Weight: <None>

Min Conc: 0

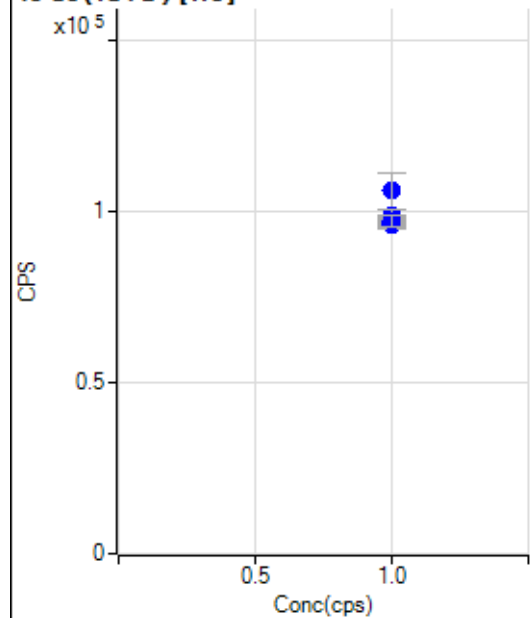
6 Li (ISTD) [No Gas]



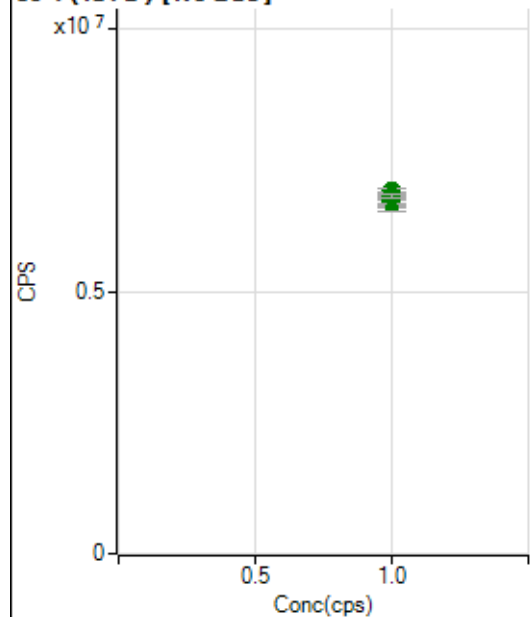
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1247968.48		A	2.6
2	☐	1.000		1279417.87		A	1.0
3	☐	1.000		1263901.62		A	2.1
4	☐	1.000		1275623.13		A	1.8
5	☐	1.000		1274870.39		A	1.5
6	☐	1.000		1291798.74		A	0.4
7	☐	1.000		1321319.02		A	2.2
8	☐	1.000		1318337.22		A	0.9

45 Sc (ISTD) [No Gas]

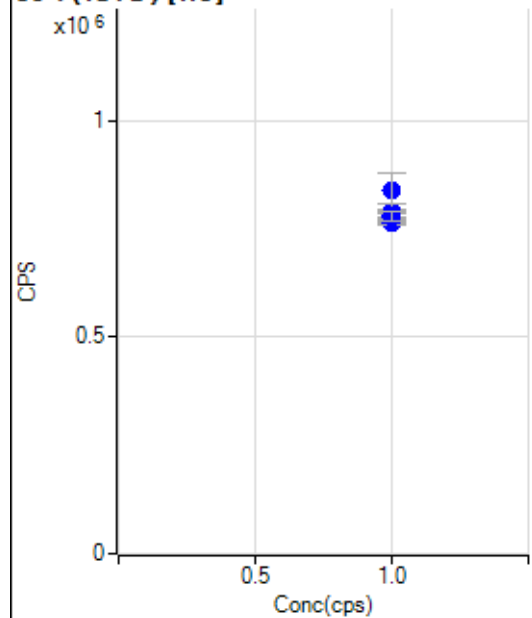
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2398984.15		A	4.4
2	☐	1.000		2459480.92		A	0.8
3	☐	1.000		2390622.55		A	2.3
4	☐	1.000		2446674.77		A	3.1
5	☐	1.000		2425917.80		A	0.3
6	☐	1.000		2431487.50		A	2.6
7	☐	1.000		2518016.89		A	0.7
8	☐	1.000		2444303.05		A	1.1

45 Sc (ISTD) [He]

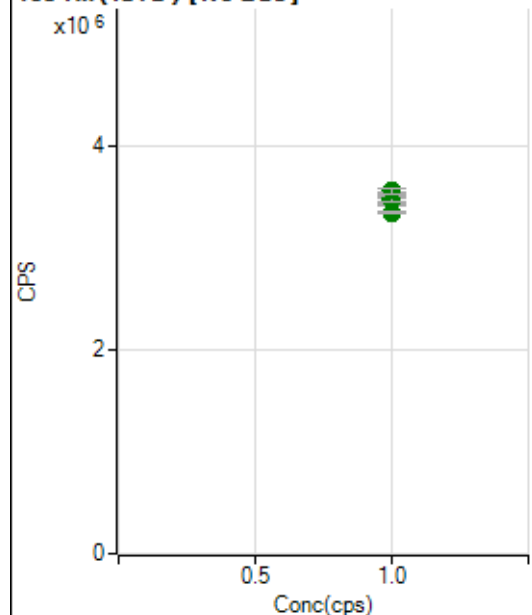
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		97425.03		P	1.2
2	☐	1.000		96464.17		P	0.8
3	☐	1.000		96020.32		P	1.6
4	☐	1.000		105945.79		P	10.3
5	☐	1.000		96660.06		P	2.8
6	☐	1.000		99040.66		P	3.4
7	☐	1.000		96392.82		P	2.9
8	☐	1.000		97255.33		P	3.2

89 Y (ISTD) [No Gas]

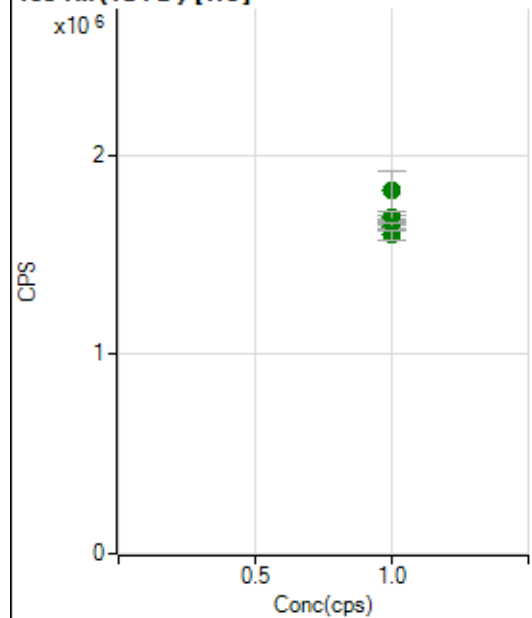
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6680137.40		A	4.9
2	☐	1.000		6840812.46		A	1.5
3	☐	1.000		6722986.91		A	3.9
4	☐	1.000		6715046.22		A	2.3
5	☐	1.000		6753035.66		A	0.4
6	☐	1.000		6745205.25		A	2.6
7	☐	1.000		6916940.11		A	1.2
8	☐	1.000		6817205.59		A	0.8

89 Y (ISTD) [He]

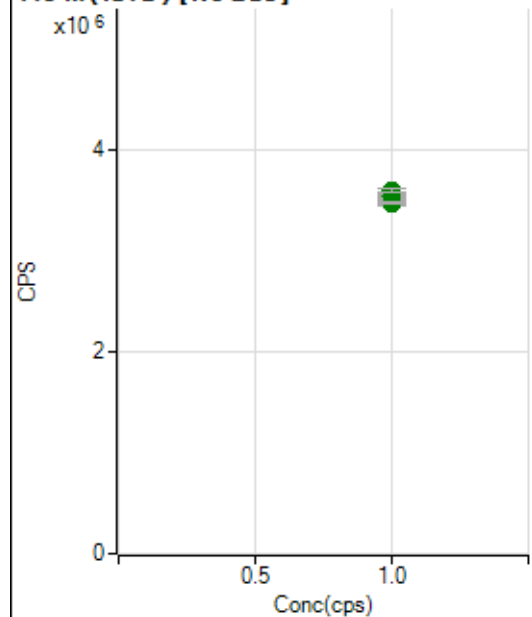
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		768581.91		P	1.0
2	☐	1.000		768906.04		P	0.9
3	☐	1.000		762883.65		P	1.6
4	☐	1.000		837247.39		P	10.3
5	☐	1.000		768595.01		P	2.1
6	☐	1.000		787808.60		P	4.5
7	☐	1.000		776180.53		P	2.5
8	☐	1.000		779253.61		P	2.6

103 Rh (ISTD) [No Gas]

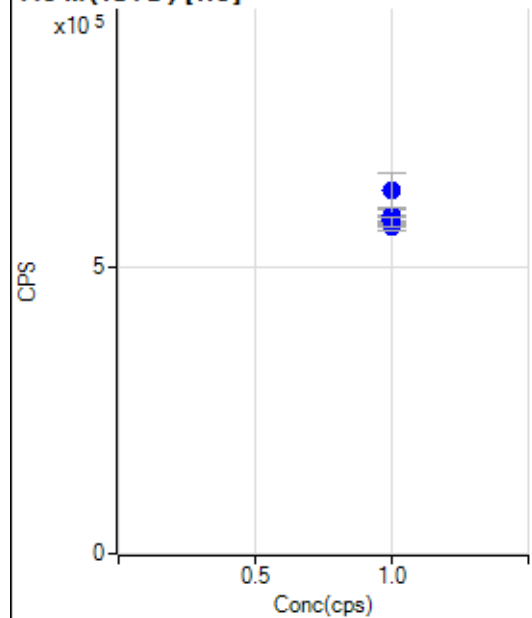
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3487487.54		A	3.3
2	☐	1.000		3525239.14		A	0.3
3	☐	1.000		3495385.97		A	2.8
4	☐	1.000		3504300.30		A	2.5
5	☐	1.000		3478162.40		A	0.9
6	☐	1.000		3494421.48		A	1.6
7	☐	1.000		3567116.88		A	1.7
8	☐	1.000		3354384.02		A	0.6

103 Rh (ISTD) [He]

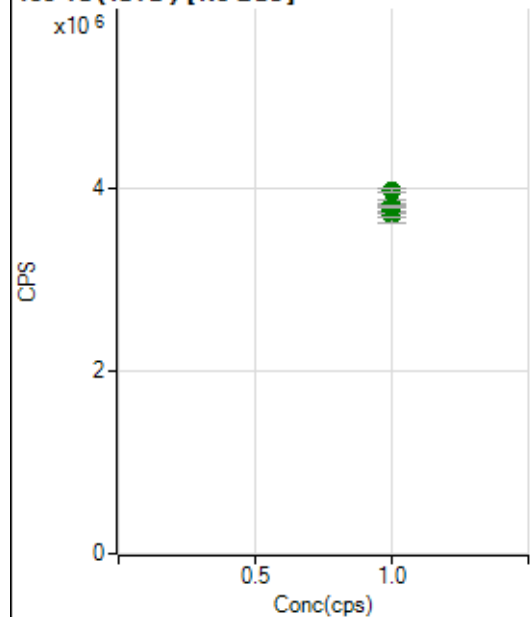
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1680421.43		A	1.9
2	☐	1.000		1673642.94		A	0.8
3	☐	1.000		1633191.62		A	2.1
4	☐	1.000		1818913.84		A	10.8
5	☐	1.000		1662841.73		A	3.8
6	☐	1.000		1690610.08		A	3.0
7	☐	1.000		1642319.56		A	2.1
8	☐	1.000		1596974.34		A	3.2

115 In (ISTD) [No Gas]

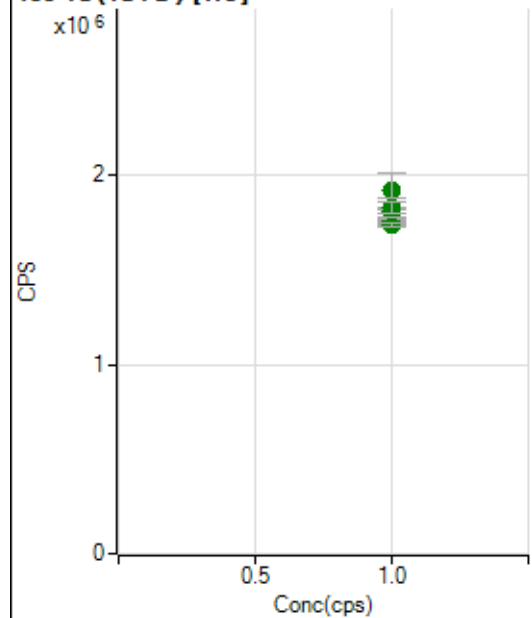
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3519528.81		A	3.7
2	☐	1.000		3545420.90		A	0.8
3	☐	1.000		3538454.43		A	4.5
4	☐	1.000		3540884.88		A	2.8
5	☐	1.000		3564989.04		A	1.4
6	☐	1.000		3544873.70		A	1.8
7	☐	1.000		3602077.62		A	1.2
8	☐	1.000		3476712.83		A	0.6

115 In (ISTD) [He]

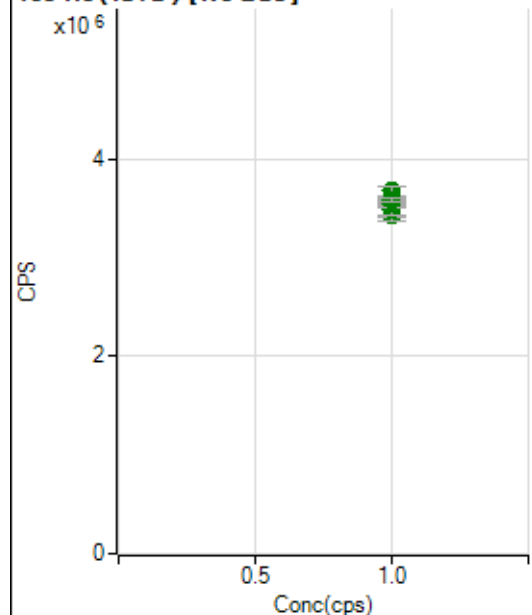
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		586564.83		P	1.7
2	☐	1.000		584810.92		P	0.9
3	☐	1.000		576429.40		P	1.5
4	☐	1.000		635006.39		P	10.4
5	☐	1.000		583149.38		P	3.1
6	☐	1.000		593477.27		P	4.1
7	☐	1.000		571606.51		P	2.3
8	☐	1.000		581104.10		P	3.0

159 Tb (ISTD) [No Gas]

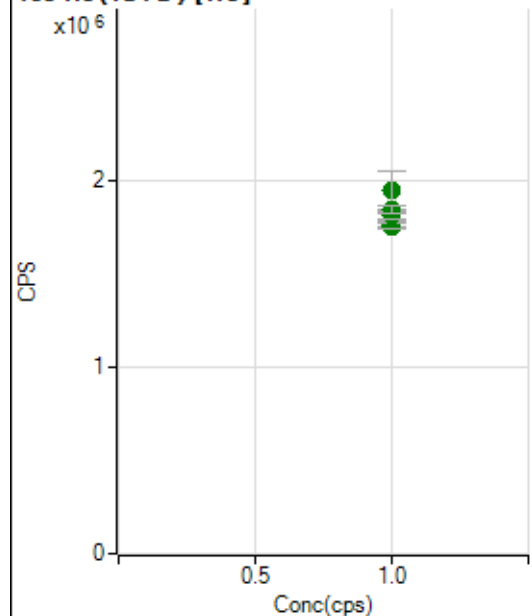
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3693584.98		A	4.6
2	☐	1.000		3758133.70		A	1.0
3	☐	1.000		3734588.00		A	3.5
4	☐	1.000		3770814.98		A	2.6
5	☐	1.000		3803402.31		A	0.8
6	☐	1.000		3818380.39		A	2.4
7	☐	1.000		3962455.84		A	1.0
8	☐	1.000		3785780.95		A	0.8

159 Tb (ISTD) [He]

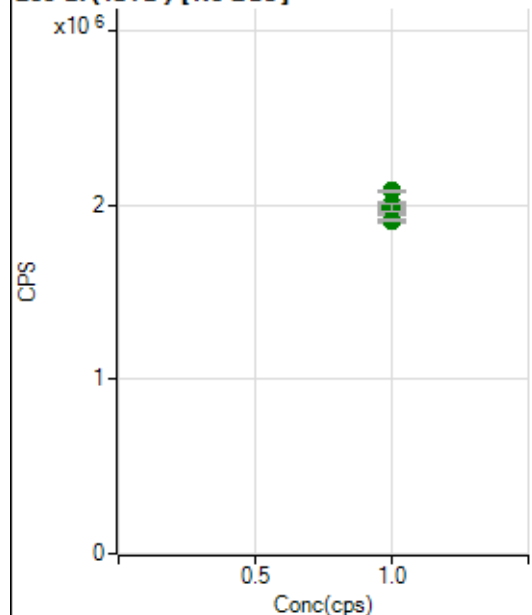
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1765923.48		A	1.3
2	☐	1.000		1753182.40		A	1.8
3	☐	1.000		1736964.35		A	1.2
4	☐	1.000		1915823.34		A	10.0
5	☐	1.000		1792968.74		A	2.8
6	☐	1.000		1826681.12		A	5.8
7	☐	1.000		1805779.92		A	2.9
8	☐	1.000		1826624.76		A	3.3

165 Ho (ISTD) [No Gas]

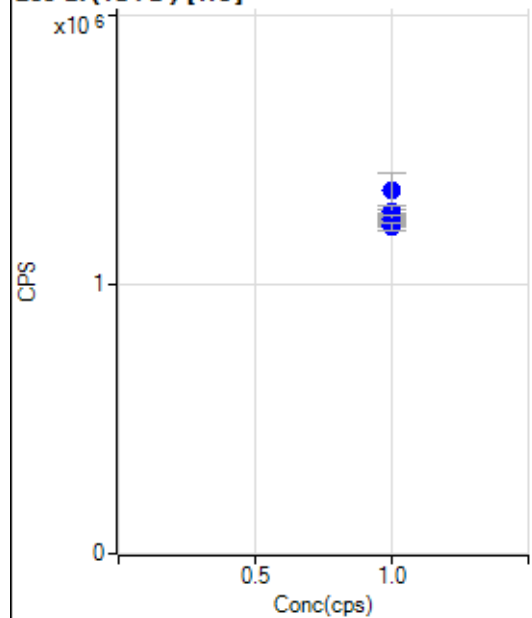
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3433071.41		A	3.9
2	☐	1.000		3528497.56		A	0.8
3	☐	1.000		3487115.18		A	4.2
4	☐	1.000		3482779.81		A	3.2
5	☐	1.000		3540409.24		A	0.7
6	☐	1.000		3551419.96		A	2.0
7	☐	1.000		3675228.56		A	2.6
8	☐	1.000		3585649.34		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1762607.96		A	1.8
2	☐	1.000		1768264.11		A	1.3
3	☐	1.000		1757232.27		A	2.2
4	☐	1.000		1945347.29		A	10.8
5	☐	1.000		1798484.73		A	3.1
6	☐	1.000		1814473.18		A	3.4
7	☐	1.000		1812745.72		A	2.0
8	☐	1.000		1845425.70		A	2.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1916724.35		A	2.0
2	☐	1.000		1985486.08		A	0.7
3	☐	1.000		1990777.56		A	3.0
4	☐	1.000		1977815.26		A	2.8
5	☐	1.000		2002653.27		A	1.5
6	☐	1.000		1987184.71		A	2.1
7	☐	1.000		2079999.68		A	0.2
8	☐	1.000		1909958.32		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1231504.24		P	1.8
2	☐	1.000		1225370.44		P	1.0
3	☐	1.000		1221558.20		P	1.7
4	☐	1.000		1346981.09		P	9.8
5	☐	1.000		1244671.24		P	2.7
6	☐	1.000		1268593.52		P	3.4
7	☐	1.000		1242197.65		P	2.3
8	☐	1.000		1213430.77		P	2.6