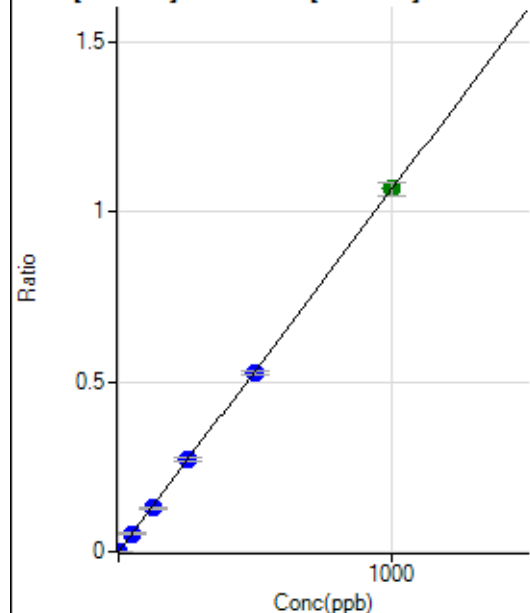


Batch Folder: D:\P8103018 MS.b\
Analysis File: P8103018 MS.batch.bin
DA Date-Time: 2018-10-31 09:56:53
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-30 17:31:16
2			
3	005CALS.d	S02	2018-10-30 17:38:42
4	006CALS.d	S03	2018-10-30 17:42:27
5	007CALS.d	S04	2018-10-30 17:46:13
6	008CALS.d	S05	2018-10-30 17:49:51
7	009CALS.d	S06	2018-10-30 17:53:25
8	010CALS.d	S07	2018-10-30 17:56:53
9	011CALS.d	S08	2018-10-30 18:00:15

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.86	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.950	1439.00	0.0011	P	4.0
4	☐	50.000	50.308	71445.25	0.0537	P	0.6
5	☐	125.000	119.643	177275.67	0.1276	P	0.8
6	☐	250.000	256.509	352004.74	0.2734	P	4.2
7	☐	500.000	493.297	705198.74	0.5257	P	1.4
8	☐	1000.000	1002.379	1378575.07	1.0681	A	3.5
9	☐			340.75	0.0003	P	10.7

$$y = 0.0011 * x + 7.7982E-005$$

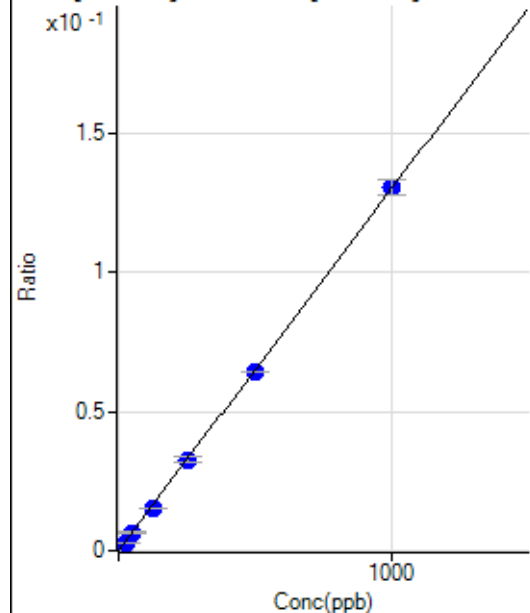
$$R = 0.9999$$

$$DL = 0.02907$$

$$BEC = 0.07319$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0001	P	36.1
2	☐	2.500					
3	☐	25.000	21.618	3797.89	0.0029	P	1.7
4	☐	50.000	49.856	8703.07	0.0065	P	4.8
5	☐	125.000	117.889	21349.84	0.0154	P	0.1
6	☐	250.000	251.829	42123.84	0.0327	P	6.3
7	☐	500.000	494.816	86194.80	0.0642	P	0.6
8	☐	1000.000	1003.115	167979.67	0.1302	P	4.1
9	☐			3058.78	0.0024	P	11.4

$$y = 1.2969E-004 * x + 7.2357E-005$$

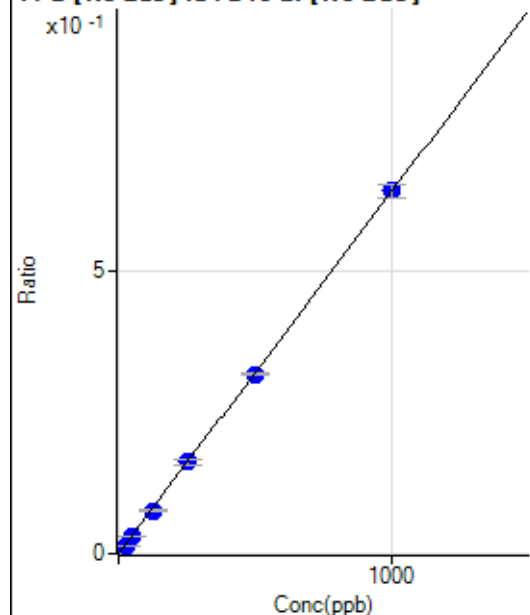
$$R = 1.0000$$

$$DL = 0.6046$$

$$BEC = 0.5579$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	313.91	0.0002	P	16.3
2	☐	2.500					
3	☐	25.000	21.520	18512.71	0.0140	P	2.1
4	☐	50.000	49.827	42778.56	0.0321	P	0.6
5	☐	125.000	118.457	105726.20	0.0761	P	2.3
6	☐	250.000	253.297	209036.69	0.1624	P	5.5
7	☐	500.000	495.619	426004.45	0.3175	P	1.3
8	☐	1000.000	1002.280	828391.77	0.6419	P	4.0
9	☐			15183.69	0.0121	P	9.7

$$y = 6.4020\text{E-}004 * x + 2.4024\text{E-}004$$

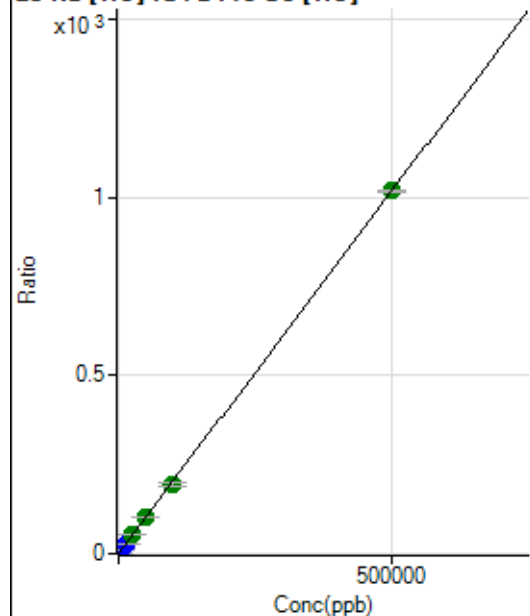
$$R = 1.0000$$

$$DL = 0.1836$$

$$BEC = 0.3753$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7421.72	0.2030	P	4.4
2	☐	50.000					
3	☐	500.000	458.882	42079.88	1.1366	P	0.6
4	☐	5000.000	5758.923	407073.18	11.9196	P	5.8
5	☐	12500.000	12902.068	1014705.17	26.4525	P	5.0
6	☐	25000.000	26664.226	2074017.50	54.4519	A	0.4
7	☐	50000.000	51475.803	4048267.76	104.9315	A	0.4
8	☐	100000.00	95401.662	7980815.20	194.2996	A	2.9
9	☐	500000.00	500671.27	38219765.44	1,018.828	A	0.7

$$y = 0.0020 * x + 0.2030$$

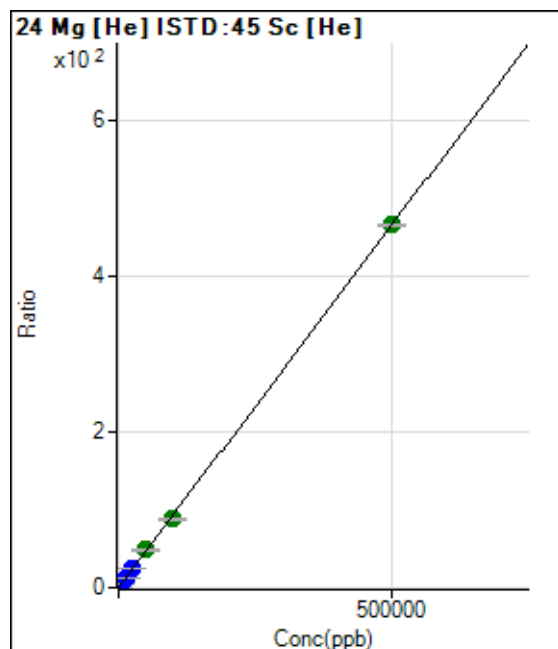
$$R = 0.9999$$

$$DL = 13.27$$

$$BEC = 99.76$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0039	P	13.3
2	☐	50.000					
3	☐	500.000	455.774	15848.43	0.4281	P	2.8
4	☐	5000.000	5664.046	180152.09	5.2746	P	5.7
5	☐	12500.000	12739.384	454897.34	11.8586	P	4.9
6	☐	25000.000	25849.161	916340.23	24.0580	P	0.3
7	☐	50000.000	51873.730	1862441.58	48.2752	A	0.8
8	☐	100000.00	95017.937	3631786.50	88.4232	A	3.3
9	☐	500000.00	500754.00	17480497.44	465.9823	A	0.7

$$y = 9.3055\text{E-}004 * x + 0.0039$$

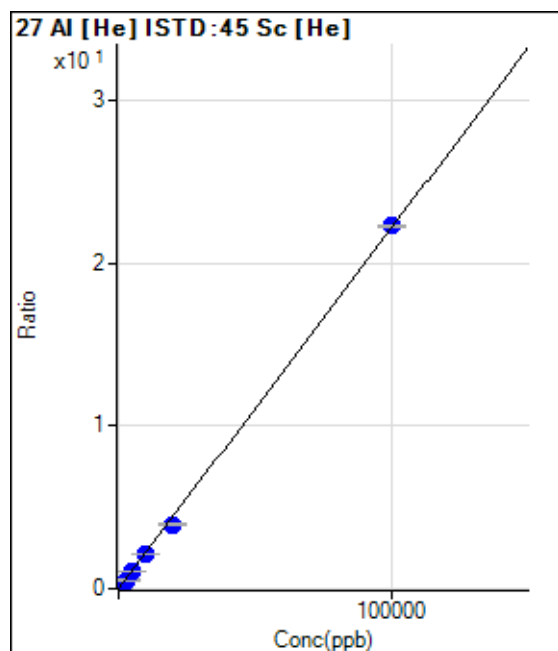
$$R = 0.9999$$

$$DL = 1.695$$

$$BEC = 4.24$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.51	0.0006	P	37.8
2	☐	2.000					
3	☐	20.000	16.105	155.04	0.0042	P	0.2
4	☐	1000.000	1069.287	8121.10	0.2380	P	8.5
5	☐	2500.000	2365.544	20171.93	0.5258	P	4.9
6	☐	5000.000	4806.571	40672.15	1.0678	P	0.5
7	☐	10000.000	9467.779	81123.09	2.1028	P	0.8
8	☐	20000.000	17679.842	161252.78	3.9261	P	3.5
9	☐	100000.00	100529.59	837361.72	22.3216	P	0.4

$$y = 2.2203\text{E-}004 * x + 6.1176\text{E-}004$$

$$R = 0.9997$$

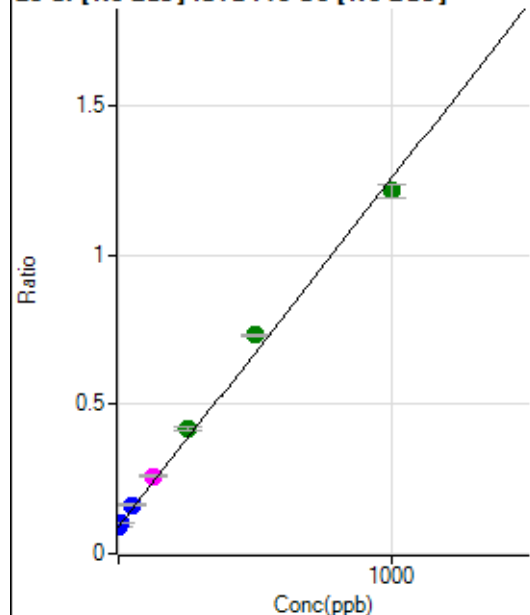
$$DL = 3.127$$

$$BEC = 2.755$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	320536.48	0.0907	P	2.4
2	☐	1.000					
3	☐	10.000	11.792	371997.47	0.1044	P	0.6
4	☐	50.000	62.488	580668.94	0.1636	P	2.6
5	☐	125.000	144.659	996869.39	0.2596	M	3.2
6	☐	250.000	280.280	1513953.57	0.4180	A	3.8
7	☐	500.000	549.978	2737539.32	0.7329	A	0.4
8	☐	1000.000	964.341	4469516.07	1.2168	A	4.1
9	☐			525826.89	0.1470	P	3.3

$$y = 0.0012 * x + 0.0907$$

$$R = 0.9975$$

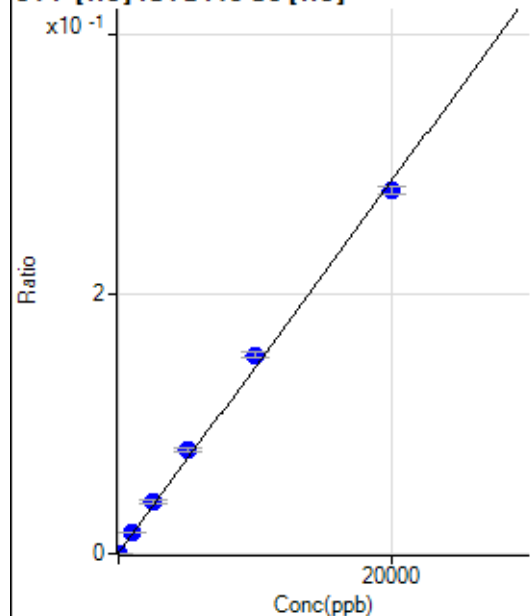
$$DL = 5.602$$

$$BEC = 77.65$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.682	16.67	0.0005	P	48.1
2	☐	0.000					
3	☐	0.000	-2.682	13.89	0.0004	P	91.6
4	☐	1000.000	1106.980	555.59	0.0163	P	5.0
5	☐	2500.000	2746.488	1525.15	0.0397	P	6.3
6	☐	5000.000	5594.569	3067.15	0.0805	P	3.6
7	☐	10000.000	10670.316	5909.80	0.1532	P	2.3
8	☐	20000.000	19480.039	11474.65	0.2793	P	2.3
9	☐			19.44	0.0005	P	65.6

$$y = 1.4318E-005 * x + 4.1370E-004$$

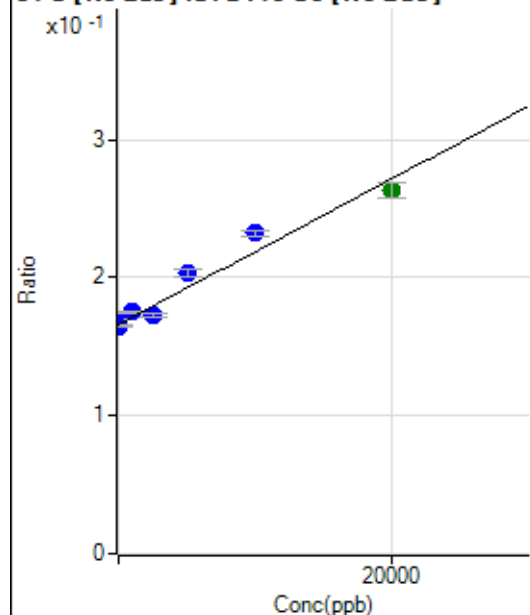
$$R = 0.9986$$

$$DL = 58.78$$

$$BEC = 28.89$$

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	312.237	592889.35	0.1677	P	2.4
2	☐	0.000					
3	☐	0.000	-312.237	585634.43	0.1644	P	0.8
4	☐	1000.000	1701.057	621195.07	0.1750	P	1.2
5	☐	2500.000	1339.192	664795.52	0.1731	P	1.5
6	☐	5000.000	7067.577	736682.55	0.2033	P	2.1
7	☐	10000.000	12510.162	866507.93	0.2320	P	1.6
8	☐	20000.000	18338.073	965077.41	0.2627	A	4.1
9	☐			508102.99	0.1420	P	2.0

$$y = 5.2710\text{E-}006 * x + 0.1661$$

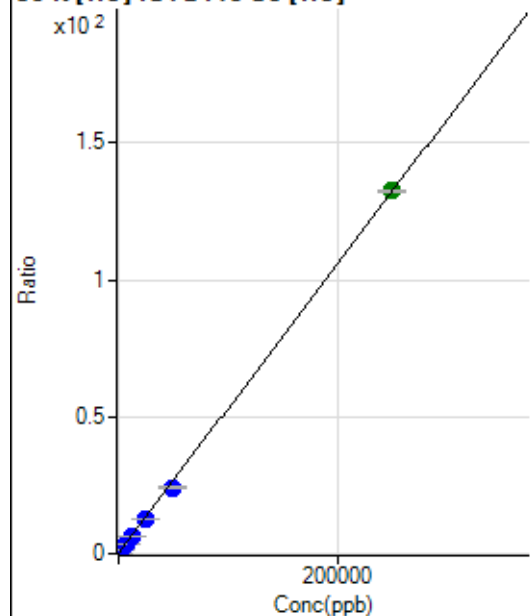
$$R = 0.9771$$

$$DL = 1548$$

$$BEC = 3.151\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4178.59	0.1142	P	2.6
2	☐	50.000					
3	☐	500.000	430.873	12647.85	0.3416	P	3.8
4	☐	2500.000	2727.252	53040.11	1.5534	P	6.4
5	☐	6250.000	6104.372	127971.18	3.3355	P	4.4
6	☐	12500.000	12415.269	253896.28	6.6658	P	0.1
7	☐	25000.000	24276.748	498650.51	12.9252	P	0.2
8	☐	50000.000	45573.306	992548.06	24.1635	P	2.6
9	☐	250000.00	250963.40	4972391.08	132.5488	A	0.9

$$y = 5.2770\text{E-}004 * x + 0.1142$$

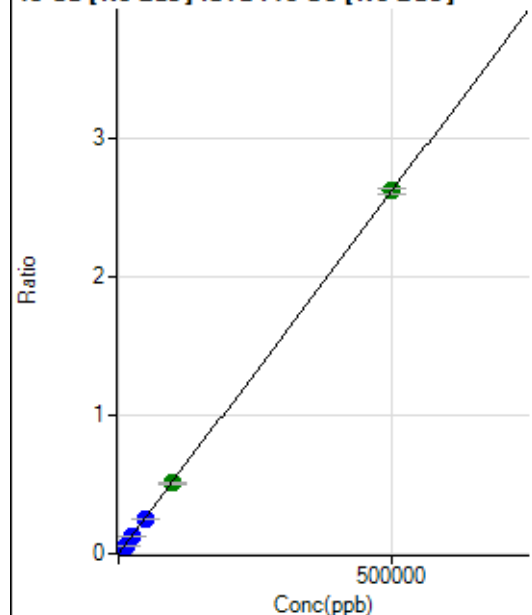
$$R = 0.9998$$

$$DL = 16.84$$

$$BEC = 216.5$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	533.38	0.0002	P	11.6
2	☐	50.000					
3	☐	500.000	411.545	8211.10	0.0023	P	1.8
4	☐	5000.000	4914.738	91835.75	0.0259	P	1.8
5	☐	12500.000	11271.905	227163.28	0.0592	P	0.9
6	☐	25000.000	24016.494	456007.75	0.1259	P	2.7
7	☐	50000.000	47964.565	938311.66	0.2512	P	1.4
8	☐	100000.00	97522.046	1875795.90	0.5106	A	3.9
9	☐	500000.00	500779.95	9380614.36	2.6215	A	1.2

$$y = 5.2346\text{E-}006 * x + 1.5106\text{E-}004$$

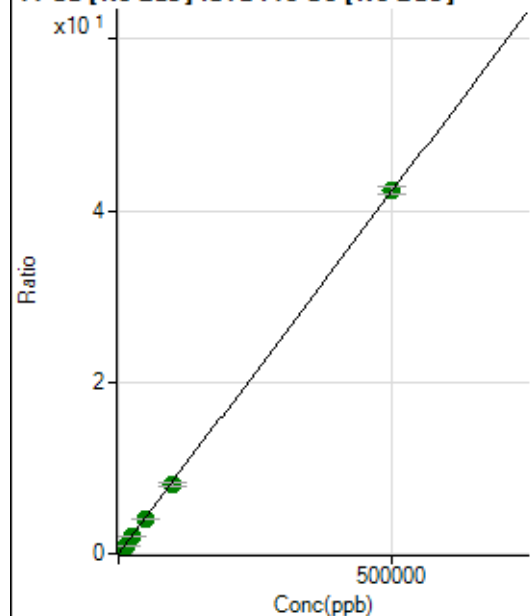
R = 1.0000

DL = 10.07

BEC = 28.86

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28059.63	0.0079	P	2.5
2	☐	50.000					
3	☐	500.000	413.919	152671.79	0.0429	P	1.2
4	☐	5000.000	4981.878	1520103.43	0.4283	A	1.3
5	☐	12500.000	11325.496	3700440.32	0.9636	A	0.7
6	☐	25000.000	23753.064	7289970.30	2.0123	A	3.0
7	☐	50000.000	47519.205	15005378.29	4.0177	A	1.6
8	☐	100000.00	95574.321	29657210.73	8.0727	A	3.5
9	☐	500000.00	501225.19	151356765.8	42.3024	A	2.0

$$y = 8.4382\text{E-}005 * x + 0.0079$$

R = 1.0000

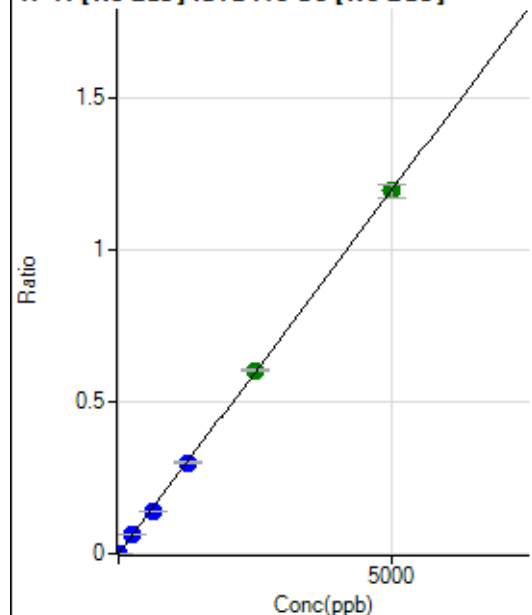
DL = 7.075

BEC = 94.05

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	147.23	0.0000	P	24.8
2	☐	0.500					
3	☐	5.000	4.501	3978.52	0.0011	P	3.8
4	☐	250.000	257.852	218769.53	0.0616	P	1.2
5	☐	625.000	590.349	541749.71	0.1411	P	0.9
6	☐	1250.000	1256.453	1087686.18	0.3002	P	2.3
7	☐	2500.000	2518.716	2247623.95	0.6018	A	1.0
8	☐	5000.000	4992.968	4382348.75	1.1929	A	3.5
9	☐			1230.66	0.0003	P	4.4

$$y = 2.3890E-004 * x + 4.1718E-005$$

$$R = 1.0000$$

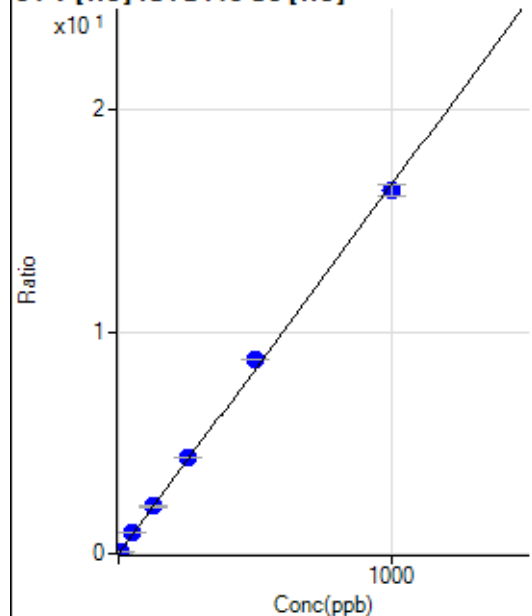
$$DL = 0.1297$$

$$BEC = 0.1746$$

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	8.89	0.0002	P	23.3
2	☐	0.500					
3	☐	5.000	4.401	2715.87	0.0734	P	2.5
4	☐	50.000	56.846	32265.15	0.9445	P	5.2
5	☐	125.000	128.566	81932.35	2.1359	P	5.0
6	☐	250.000	261.745	165620.52	4.3482	P	0.8
7	☐	500.000	525.155	336563.11	8.7239	P	0.4
8	☐	1000.000	983.701	671172.06	16.3410	P	3.2
9	☐			284.45	0.0076	P	18.7

$$y = 0.0166 * x + 2.4380E-004$$

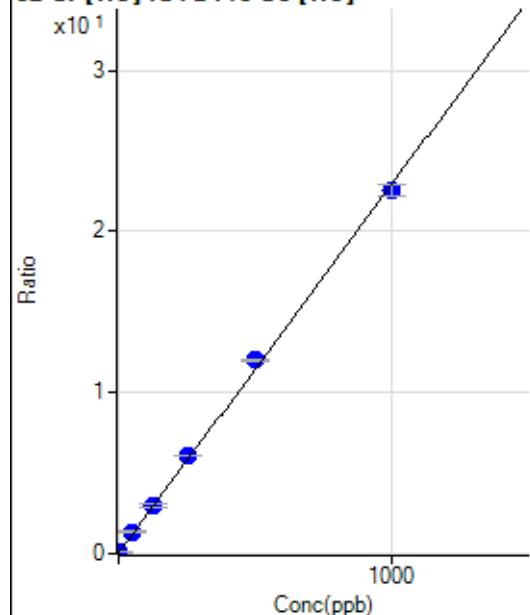
$$R = 0.9994$$

$$DL = 0.01027$$

$$BEC = 0.01468$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	671.14	0.0184	P	4.8
2	☐	0.200					
3	☐	2.000	1.939	2321.34	0.0627	P	1.0
4	☐	50.000	58.635	46431.42	1.3598	P	6.3
5	☐	125.000	129.730	114537.12	2.9862	P	5.4
6	☐	250.000	264.483	231158.71	6.0690	P	0.6
7	☐	500.000	524.484	463617.19	12.0172	P	0.6
8	☐	1000.000	983.114	924552.95	22.5094	P	3.1
9	☐			42635.04	1.1365	P	1.1

$$y = 0.0229 * x + 0.0184$$

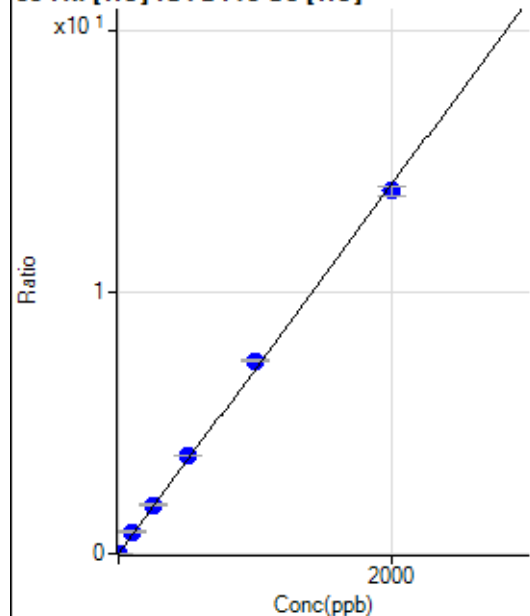
$$R = 0.9994$$

$$DL = 0.1155$$

$$BEC = 0.8021$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18.89	0.0005	P	62.0
2	☐	0.100					
3	☐	1.000	1.179	326.68	0.0088	P	1.9
4	☐	100.000	117.508	28286.60	0.8283	P	6.0
5	☐	250.000	261.859	70798.20	1.8452	P	4.1
6	☐	500.000	529.984	142226.19	3.7340	P	0.1
7	☐	1000.000	1047.112	284596.64	7.3769	P	0.8
8	☐	2000.000	1966.590	569061.62	13.8542	P	2.8
9	☐			3743.90	0.0998	P	3.0

$$y = 0.0070 * x + 5.1897E-004$$

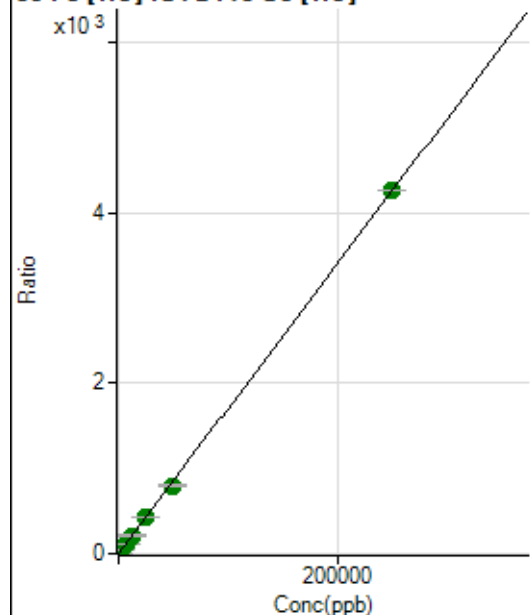
$$R = 0.9995$$

$$DL = 0.137$$

$$BEC = 0.07367$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1546.43	0.0423	P	6.4
2	☐	5.000					
3	☐	50.000	46.325	30719.61	0.8297	P	0.6
4	☐	2500.000	2847.468	1654346.49	48.4434	A	5.9
5	☐	6250.000	6258.965	4082504.08	106.4319	A	5.1
6	☐	12500.000	12603.216	8161476.86	214.2711	A	0.9
7	☐	25000.000	24901.338	16331189.02	423.3139	A	0.5
8	☐	50000.000	46852.401	32713575.50	796.4369	A	2.9
9	☐	250000.00	250630.52	159816657.2	4,260.246	A	0.1

$$y = 0.0170 * x + 0.0423$$

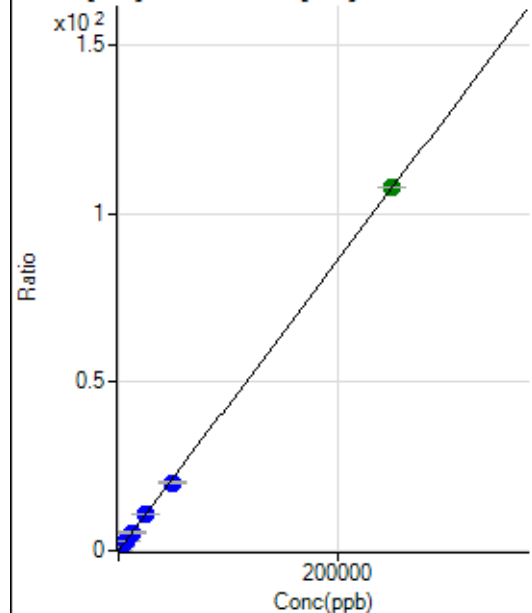
$$R = 0.9999$$

$$DL = 0.477$$

$$BEC = 2.488$$

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	48.15	0.0013	P	18.8
2	☐	5.000					
3	☐	50.000	45.396	770.42	0.0208	P	11.2
4	☐	2500.000	2776.963	40795.47	1.1936	P	3.8
5	☐	6250.000	6208.748	102305.90	2.6670	P	4.9
6	☐	12500.000	12576.105	205699.24	5.4007	P	1.1
7	☐	25000.000	24972.585	413689.90	10.7230	P	0.2
8	☐	50000.000	46996.125	828804.40	20.1786	P	3.1
9	☐	250000.00	250597.97	4036182.53	107.5930	A	0.2

$$y = 4.2934E-004 * x + 0.0013$$

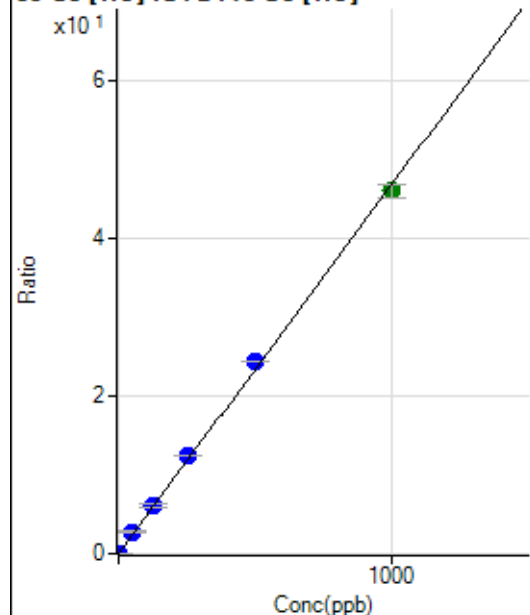
$$R = 0.9999$$

$$DL = 1.733$$

$$BEC = 3.072$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0022	P	34.1
2	☐	0.100					
3	☐	1.000	0.918	1669.02	0.0451	P	4.2
4	☐	50.000	58.902	94041.36	2.7536	P	5.8
5	☐	125.000	130.447	233846.47	6.0957	P	4.7
6	☐	250.000	265.324	472168.73	12.3961	P	0.7
7	☐	500.000	523.196	942965.05	24.4420	P	0.2
8	☐	1000.000	983.445	1886872.25	45.9415	A	3.5
9	☐			23178.43	0.6179	P	1.1

$$y = 0.0467 * x + 0.0022$$

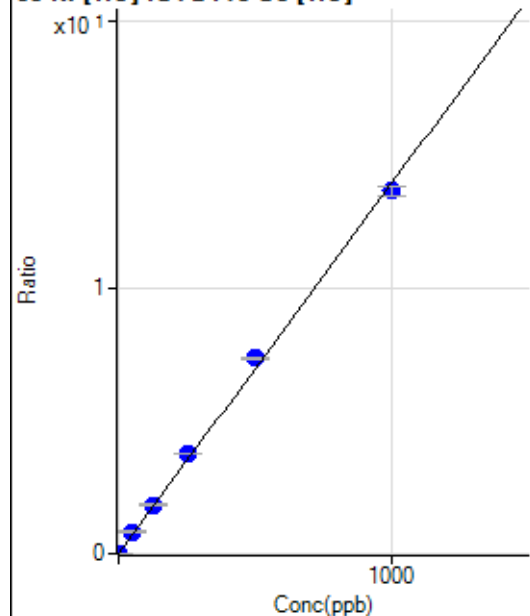
$$R = 0.9995$$

$$DL = 0.04781$$

$$BEC = 0.04671$$

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	54.44	0.0015	P	34.4
2	☐	0.100					
3	☐	1.000	1.016	577.80	0.0156	P	7.6
4	☐	50.000	59.644	28360.19	0.8303	P	5.7
5	☐	125.000	132.151	70510.91	1.8379	P	4.6
6	☐	250.000	269.154	142518.17	3.7418	P	0.8
7	☐	500.000	527.312	282763.81	7.3294	P	0.2
8	☐	1000.000	980.180	559563.55	13.6227	P	2.7
9	☐			20951.54	0.5585	P	1.6

$$y = 0.0139 * x + 0.0015$$

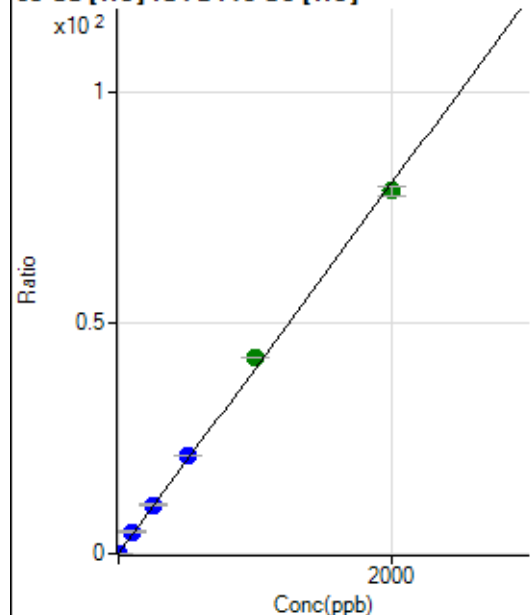
$$R = 0.9992$$

$$DL = 0.1106$$

$$BEC = 0.1073$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	891.15	0.0243	P	5.1
2	☐	0.200					
3	☐	2.000	1.938	3775.03	0.1020	P	0.9
4	☐	100.000	118.828	163289.94	4.7844	P	7.6
5	☐	250.000	262.644	404503.92	10.5455	P	5.1
6	☐	500.000	532.331	813162.63	21.3488	P	0.4
7	☐	1000.000	1058.850	1637330.06	42.4405	A	0.3
8	☐	2000.000	1959.970	3226136.58	78.5381	A	2.7
9	☐			8374.86	0.2233	P	4.1

$$y = 0.0401 * x + 0.0243$$

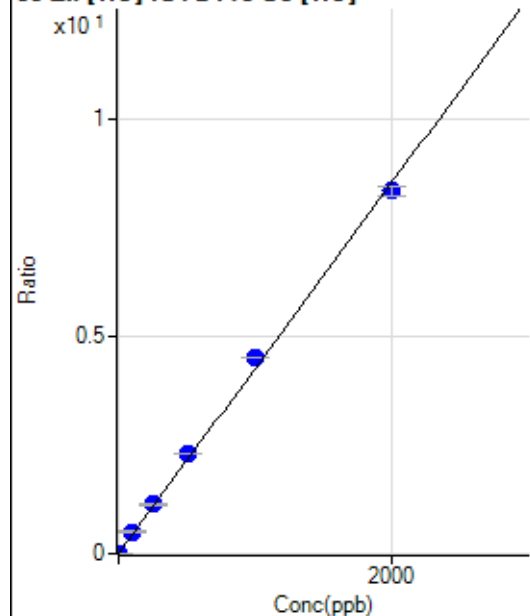
$$R = 0.9992$$

$$DL = 0.09276$$

$$BEC = 0.6078$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.80	0.0029	P	16.6
2	☐	0.200					
3	☐	2.000	2.205	454.58	0.0123	P	3.5
4	☐	100.000	117.850	17209.33	0.5043	P	7.9
5	☐	250.000	265.219	43385.79	1.1312	P	5.6
6	☐	500.000	536.963	87120.70	2.2873	P	0.6
7	☐	1000.000	1060.277	174135.04	4.5136	P	0.2
8	☐	2000.000	1957.826	342250.80	8.3321	P	2.6
9	☐			2635.35	0.0702	P	2.8

$$y = 0.0043 * x + 0.0029$$

$$R = 0.9991$$

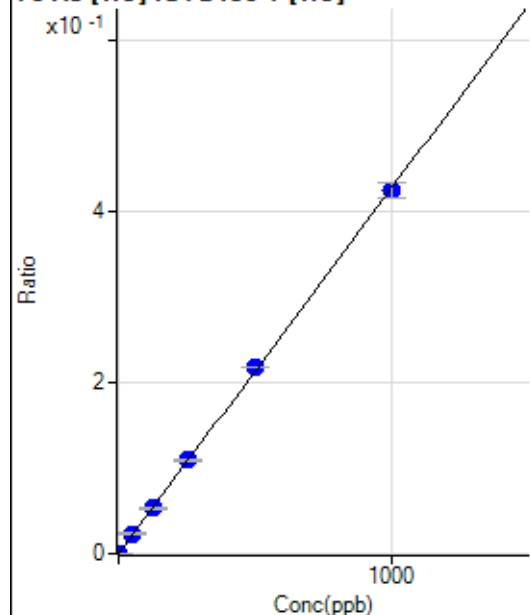
$$DL = 0.339$$

$$BEC = 0.6812$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.79	0.0000	P	42.7
2	☐	0.100					
3	☐	1.000	0.867	95.07	0.0004	P	9.8
4	☐	50.000	54.860	5192.99	0.0235	P	4.3
5	☐	125.000	126.137	13218.74	0.0540	P	4.3
6	☐	250.000	256.720	26808.14	0.1099	P	1.8
7	☐	500.000	510.653	54050.74	0.2185	P	0.4
8	☐	1000.000	992.609	108395.59	0.4247	P	4.1
9	☐			197.54	0.0008	P	8.5

$$y = 4.2782\text{E-}004 * x + 2.9276\text{E-}005$$

$$R = 0.9999$$

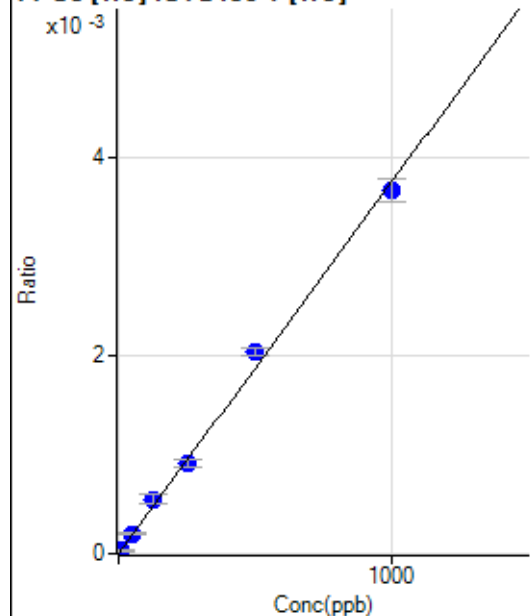
$$DL = 0.08776$$

$$BEC = 0.06843$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	8.732	7.78	0.0000	P	65.6
4	☐	50.000	53.653	44.44	0.0002	P	6.4
5	☐	125.000	146.865	134.45	0.0006	P	15.1
6	☐	250.000	243.885	223.34	0.0009	P	7.9
7	☐	500.000	543.783	504.46	0.0020	P	3.8
8	☐	1000.000	976.703	934.49	0.0037	P	6.2
9	☐			0.00	0.0000	P	

$$y = 3.7504\text{E-}006 * x + 0.0000\text{E+}000$$

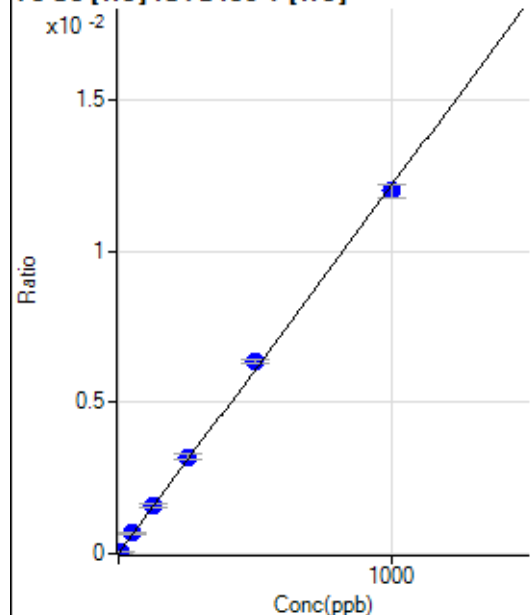
$$R = 0.9984$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.85	0.0000	P	100.7
2	☐	0.500					
3	☐	5.000	5.767	18.52	0.0001	P	36.2
4	☐	50.000	55.442	150.62	0.0007	P	6.8
5	☐	125.000	131.848	393.84	0.0016	P	7.7
6	☐	250.000	261.091	775.95	0.0032	P	6.0
7	☐	500.000	520.384	1566.15	0.0063	P	2.0
8	☐	1000.000	985.903	3060.25	0.0120	P	3.4
9	☐			4.94	0.0000	P	22.0

$$y = 1.2151\text{E-}005 * x + 7.8991\text{E-}006$$

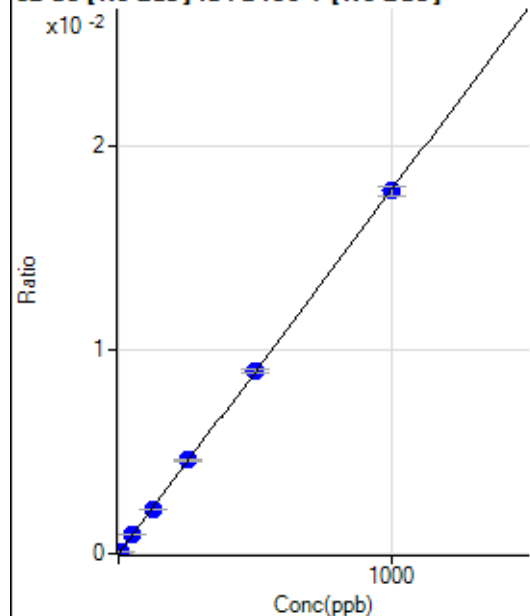
$$R = 0.9996$$

$$DL = 1.963$$

$$BEC = 0.6501$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-3.63	0.0000	P	-1738.
2	☐	0.500					
3	☐	5.000	4.998	485.71	0.0001	P	8.7
4	☐	50.000	53.133	5171.17	0.0009	P	2.9
5	☐	125.000	121.873	12905.07	0.0022	P	1.2
6	☐	250.000	257.057	25716.28	0.0046	P	2.1
7	☐	500.000	502.034	52256.95	0.0090	P	1.3
8	☐	1000.000	997.453	103229.91	0.0178	P	3.0
9	☐			98.47	0.0000	P	54.3

$$y = 1.7859\text{E-}005 * x - 6.7915\text{E-}007$$

$$R = 1.0000$$

$$DL = 1.984$$

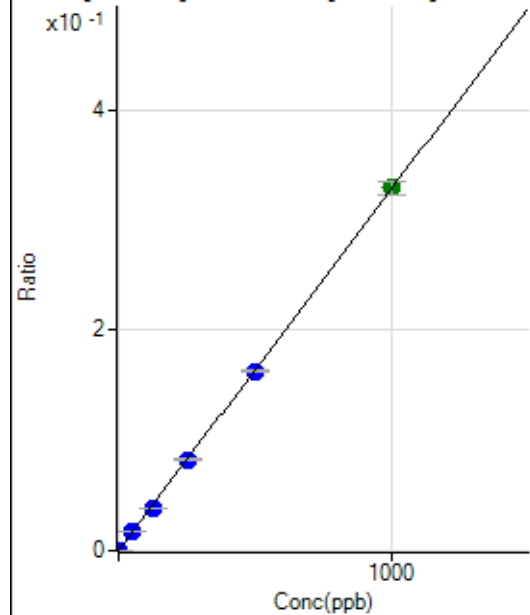
$$BEC = -0.03803$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			715.59		P	7.2
2	☐						
3	☐			671.14		P	7.9
4	☐			658.91		P	7.1
5	☐			677.81		P	10.9
6	☐			667.81		P	11.2
7	☐			745.59		P	1.8
8	☐			731.14		P	3.4
9	☐			734.48		P	5.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1133.44	0.0002	P	4.1
2	☐	0.100					
3	☐	1.000	0.791	2572.59	0.0005	P	5.9
4	☐	50.000	50.968	92202.15	0.0169	P	1.2
5	☐	125.000	116.726	228027.80	0.0384	P	1.4
6	☐	250.000	250.668	461177.11	0.0823	P	2.8
7	☐	500.000	495.117	946627.80	0.1624	P	1.2
8	☐	1000.000	1003.261	1905474.13	0.3289	A	3.9
9	☐			9959.60	0.0018	P	3.2

$$y = 3.2757E-004 * x + 2.1027E-004$$

$$R = 0.9999$$

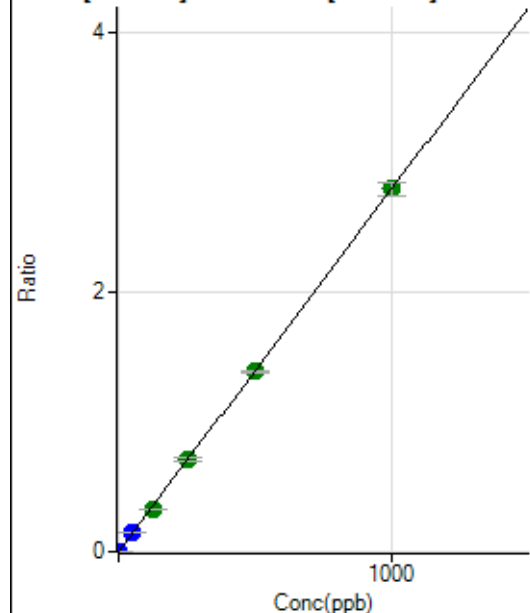
$$DL = 0.07801$$

$$BEC = 0.6419$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	27.9
2	☐	0.100					
3	☐	1.000	0.909	14005.03	0.0026	P	1.1
4	☐	50.000	51.940	792517.59	0.1453	P	1.0
5	☐	125.000	119.103	1976581.44	0.3332	A	0.2
6	☐	250.000	254.211	3984328.74	0.7112	A	2.9
7	☐	500.000	497.413	8112524.75	1.3917	A	0.6
8	☐	1000.000	1000.881	16226015.12	2.8002	A	3.7
9	☐			76556.63	0.0137	P	1.4

$$y = 0.0028 * x + 1.2888E-005$$

$$R = 1.0000$$

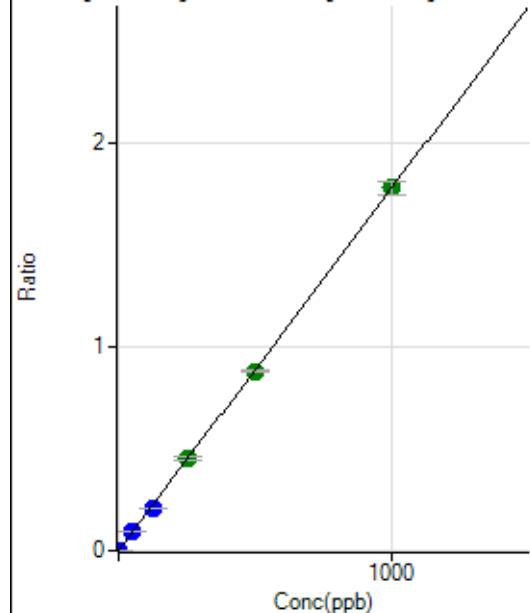
$$DL = 0.003855$$

$$BEC = 0.004606$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.02	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	0.884	9025.61	0.0016	P	2.2
4	☐	50.000	50.948	493133.23	0.0904	P	1.5
5	☐	125.000	117.207	1233278.90	0.2079	P	1.1
6	☐	250.000	255.649	2539992.51	0.4534	A	3.3
7	☐	500.000	496.181	5129504.67	0.8800	A	1.2
8	☐	1000.000	1001.424	10290703.09	1.7760	A	3.9
9	☐			5181.79	0.0009	P	7.2

$$y = 0.0018 * x + 7.8855E-005$$

$$R = 0.9999$$

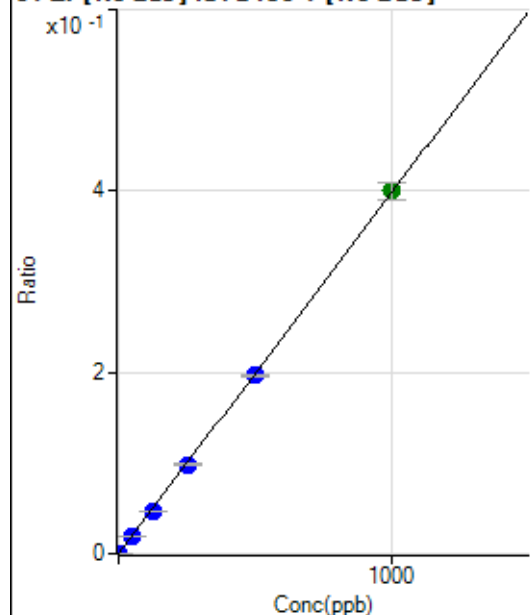
$$DL = 0.01403$$

$$BEC = 0.04447$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	10.1
2	☐	0.100					
3	☐	1.000	0.880	2064.14	0.0004	P	4.8
4	☐	50.000	50.286	109339.79	0.0200	P	0.9
5	☐	125.000	116.241	274699.06	0.0463	P	0.3
6	☐	250.000	247.334	551835.69	0.0985	P	3.2
7	☐	500.000	493.276	1145135.36	0.1964	P	0.7
8	☐	1000.000	1005.109	2318751.85	0.4002	A	4.5
9	☐			1138.99	0.0002	P	8.0

$$y = 3.9819\text{E-}004 * x + 2.6281\text{E-}005$$

$$R = 0.9999$$

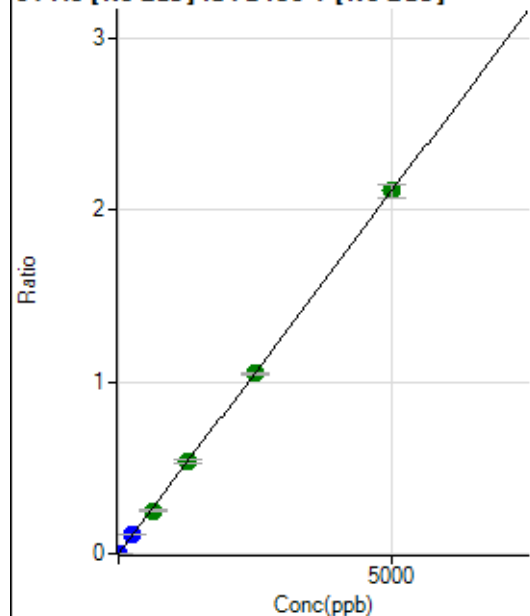
$$DL = 0.02009$$

$$BEC = 0.066$$

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	197.23	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.294	10126.47	0.0018	P	4.0
4	☐	250.000	260.036	598024.89	0.1097	P	1.0
5	☐	625.000	595.834	1490031.51	0.2512	A	1.6
6	☐	1250.000	1272.455	3005506.95	0.5365	A	2.6
7	☐	2500.000	2482.909	6101716.58	1.0468	A	1.3
8	☐	5000.000	5006.076	12229624.06	2.1105	A	3.6
9	☐			14964.41	0.0027	P	3.6

$$y = 4.2158\text{E-}004 * x + 3.6591\text{E-}005$$

$$R = 1.0000$$

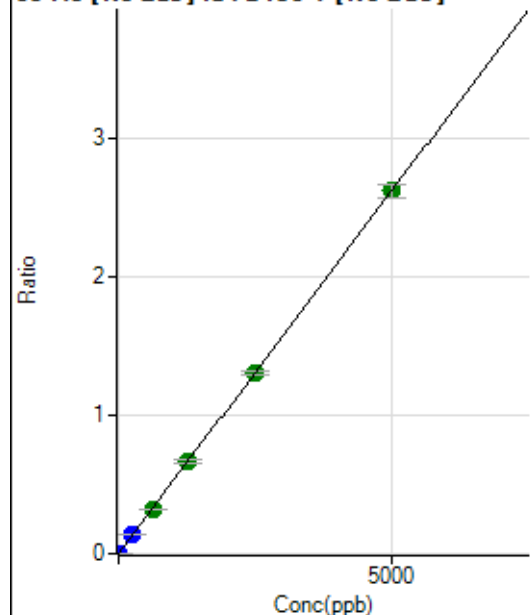
$$DL = 0.05541$$

$$BEC = 0.08679$$

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	61.11	0.0000	P	51.5
2	☐	0.500					
3	☐	5.000	4.355	12589.72	0.0023	P	1.7
4	☐	250.000	256.848	735166.95	0.1348	P	0.3
5	☐	625.000	598.163	1862059.68	0.3139	A	0.5
6	☐	1250.000	1269.131	3731231.12	0.6660	A	2.8
7	☐	2500.000	2490.014	7616894.27	1.3068	A	1.6
8	☐	5000.000	5003.223	15213354.86	2.6257	A	4.0
9	☐			23006.33	0.0041	P	3.1

$$y = 5.2480\text{E-}004 * x + 1.1331\text{E-}005$$

$$R = 1.0000$$

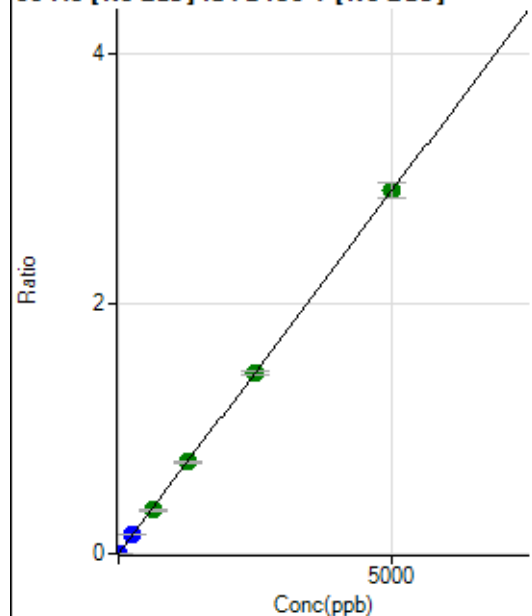
$$DL = 0.03339$$

$$BEC = 0.02159$$

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	86.11	0.0000	P	49.5
2	☐	0.500					
3	☐	5.000	4.476	14330.34	0.0026	P	2.8
4	☐	250.000	259.329	821006.04	0.1505	P	0.4
5	☐	625.000	597.911	2058775.16	0.3471	A	0.6
6	☐	1250.000	1265.638	4115522.79	0.7347	A	3.0
7	☐	2500.000	2489.638	8423460.60	1.4451	A	1.6
8	☐	5000.000	5004.192	16829032.67	2.9047	A	4.3
9	☐			25864.56	0.0046	P	0.7

$$y = 5.8046\text{E-}004 * x + 1.5970\text{E-}005$$

$$R = 1.0000$$

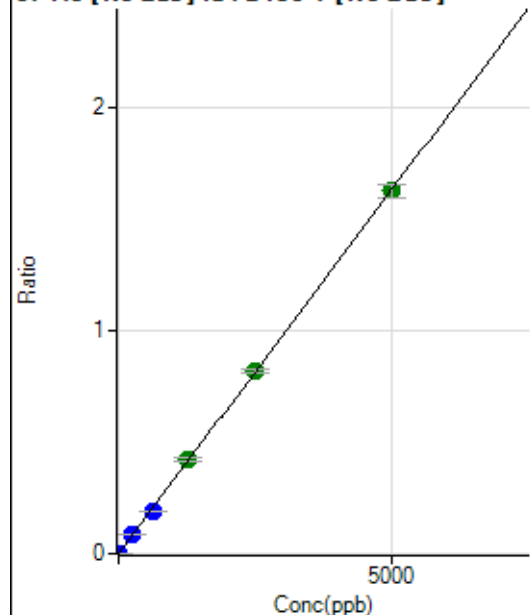
$$DL = 0.04089$$

$$BEC = 0.02751$$

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	75.00	0.0000	P	29.5
2	☐	0.500					
3	☐	5.000	4.300	7774.82	0.0014	P	0.8
4	☐	250.000	257.745	459183.23	0.0842	P	0.9
5	☐	625.000	588.940	1141085.08	0.1924	P	0.3
6	☐	1250.000	1284.694	2350439.68	0.4196	A	3.9
7	☐	2500.000	2513.592	4785654.54	0.8210	A	1.5
8	☐	5000.000	4988.652	9441497.26	1.6294	A	3.8
9	☐			14347.05	0.0026	P	2.6

$$y = 3.2663\text{E-}004 * x + 1.3918\text{E-}005$$

$$R = 0.9999$$

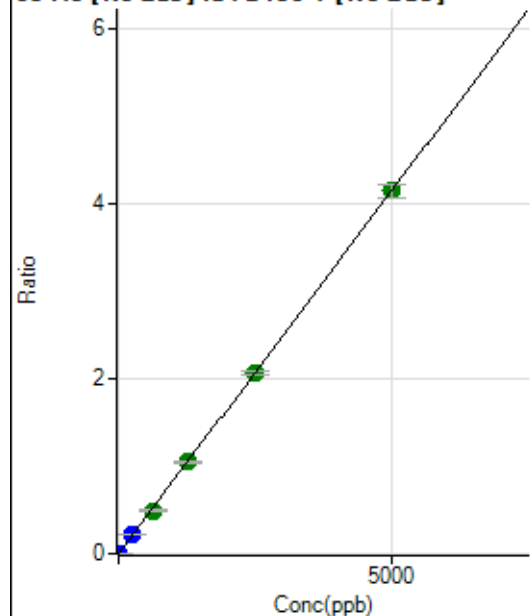
$$DL = 0.03775$$

$$BEC = 0.04261$$

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	75.00	0.0000	P	48.3
2	☐	0.500					
3	☐	5.000	4.414	20143.55	0.0037	P	2.1
4	☐	250.000	258.885	1171119.23	0.2147	P	0.3
5	☐	625.000	596.312	2933703.30	0.4946	A	0.9
6	☐	1250.000	1263.293	5869750.39	1.0478	A	3.2
7	☐	2500.000	2495.625	12065139.85	2.0700	A	2.0
8	☐	5000.000	5002.007	24038885.09	4.1489	A	4.1
9	☐			37021.40	0.0066	P	1.8

$$y = 8.2944\text{E-}004 * x + 1.3908\text{E-}005$$

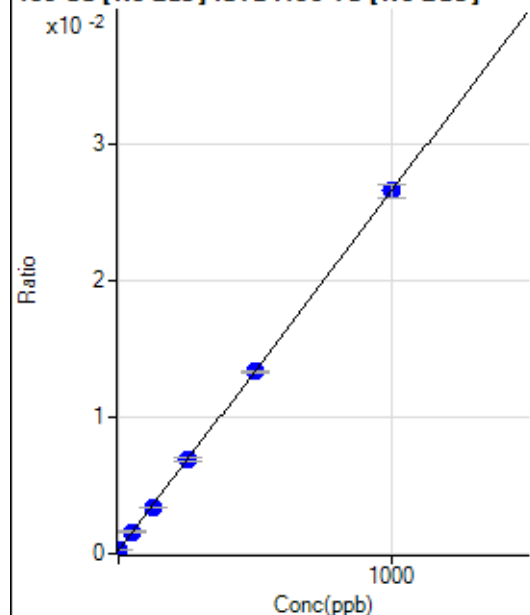
$$R = 1.0000$$

$$DL = 0.02429$$

$$BEC = 0.01677$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1344.58	0.0002	P	2.0
2	☐	0.100					
3	☐	1.000	1.613	1608.51	0.0003	P	4.3
4	☐	50.000	52.722	9737.26	0.0016	P	0.7
5	☐	125.000	119.811	21907.53	0.0034	P	1.0
6	☐	250.000	255.559	43016.90	0.0070	P	4.2
7	☐	500.000	497.736	86508.22	0.0134	P	0.8
8	☐	1000.000	1000.254	169715.88	0.0266	P	3.8
9	☐			1441.81	0.0002	P	15.4

$$y = 2.6375E-005 * x + 2.2623E-004$$

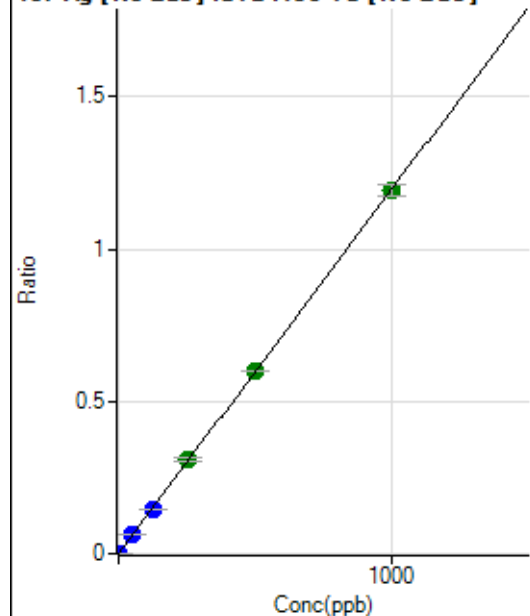
$$R = 1.0000$$

$$DL = 0.5163$$

$$BEC = 8.577$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1564.08	0.0003	P	59.3
2	☐	0.100					
3	☐	1.000	0.770	7077.21	0.0012	P	3.7
4	☐	50.000	52.787	381242.99	0.0633	P	1.8
5	☐	125.000	122.646	949317.32	0.1467	P	1.0
6	☐	250.000	259.705	1916866.23	0.3104	A	3.7
7	☐	500.000	502.459	3888932.29	0.6003	A	0.4
8	☐	1000.000	996.499	7592526.73	1.1903	A	3.2
9	☐			10902.27	0.0018	P	17.2

$$y = 0.0012 * x + 2.6358E-004$$

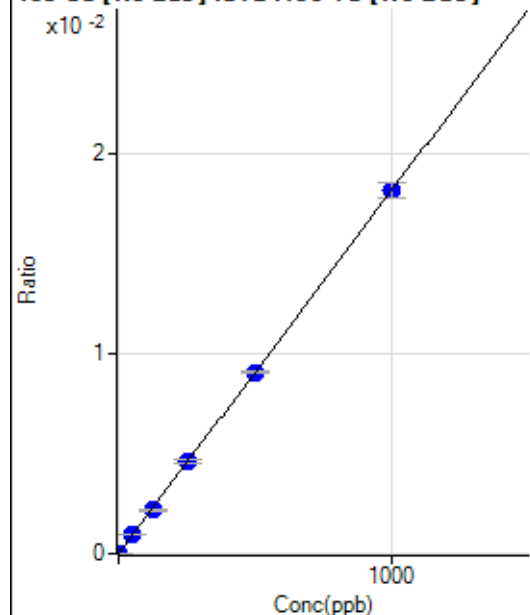
$$R = 0.9999$$

$$DL = 0.3925$$

$$BEC = 0.2207$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	68.9
2	☐	0.100					
3	☐	1.000	0.945	116.67	0.0000	P	16.5
4	☐	50.000	52.645	5773.59	0.0010	P	5.0
5	☐	125.000	120.315	14156.33	0.0022	P	3.4
6	☐	250.000	255.743	28700.25	0.0046	P	4.9
7	☐	500.000	499.322	58783.21	0.0091	P	1.5
8	☐	1000.000	999.357	115804.31	0.0182	P	4.1
9	☐			41.67	0.0000	P	52.3

$$y = 1.8169E-005 * x + 2.3328E-006$$

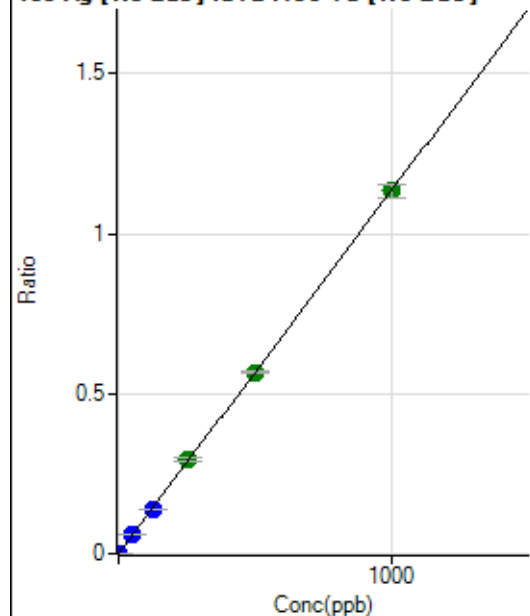
$$R = 1.0000$$

$$DL = 0.2656$$

$$BEC = 0.1284$$

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	1461.27	0.0002	P	60.6
2	☐	0.100					
3	☐	1.000	0.744	6521.33	0.0011	P	7.0
4	☐	50.000	52.642	360997.82	0.0599	P	1.3
5	☐	125.000	121.372	892039.34	0.1379	P	0.8
6	☐	250.000	258.128	1808589.04	0.2930	A	4.9
7	☐	500.000	498.485	3663367.75	0.5655	A	1.1
8	☐	1000.000	999.047	7226617.61	1.1331	A	3.7
9	☐			10593.72	0.0017	P	25.4

$$y = 0.0011 * x + 2.4622E-004$$

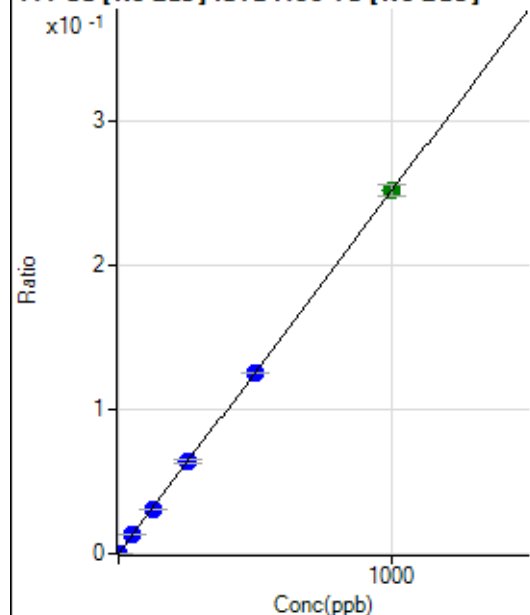
$$R = 0.9999$$

$$DL = 0.3947$$

$$BEC = 0.2171$$

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	937.04	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.949	2366.61	0.0004	P	0.5
4	☐	50.000	52.475	80150.96	0.0133	P	0.2
5	☐	125.000	120.538	196451.95	0.0304	P	0.3
6	☐	250.000	254.836	395287.29	0.0640	P	4.2
7	☐	500.000	496.494	807020.32	0.1246	P	0.3
8	☐	1000.000	1000.978	1601003.96	0.2510	A	3.3
9	☐			1237.05	0.0002	P	13.0

$$y = 2.5060\text{E-}004 * x + 1.5766\text{E-}004$$

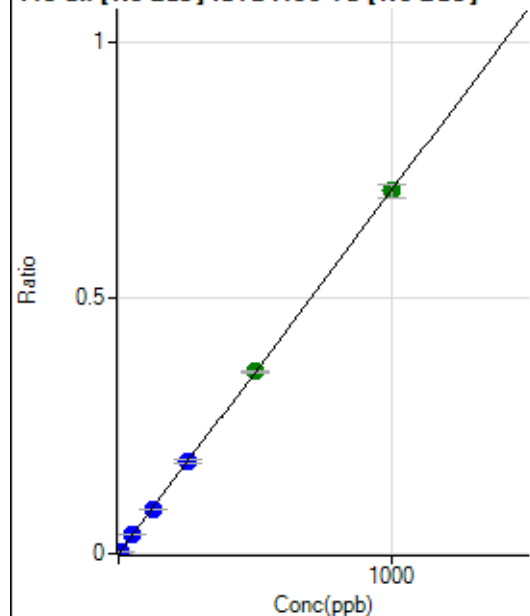
$$R = 1.0000$$

$$DL = 0.04147$$

$$BEC = 0.6291$$

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	261.13	0.0000	P	6.2
2	☐	0.500					
3	☐	5.000	4.499	19409.24	0.0032	P	1.5
4	☐	50.000	51.832	222270.60	0.0369	P	0.9
5	☐	125.000	120.718	555717.44	0.0859	P	0.8
6	☐	250.000	253.913	1115242.62	0.1806	P	4.1
7	☐	500.000	501.241	2309510.58	0.3565	A	1.4
8	☐	1000.000	998.847	4530763.99	0.7104	A	3.5
9	☐			5409.68	0.0009	P	0.5

$$y = 7.1117\text{E-}004 * x + 4.3924\text{E-}005$$

$$R = 1.0000$$

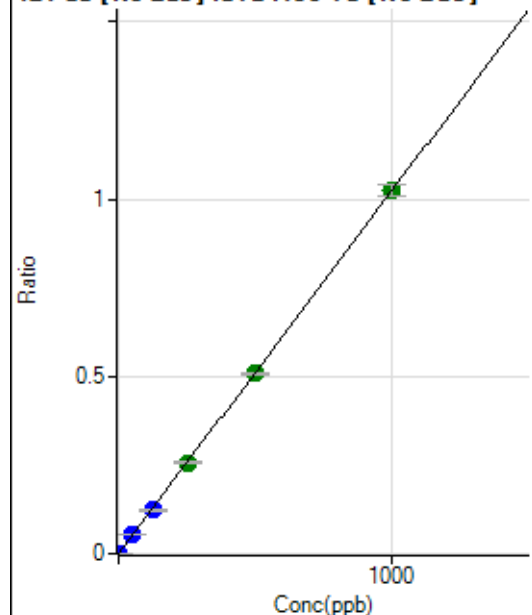
$$DL = 0.0115$$

$$BEC = 0.06176$$

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	58.34	0.0000	P	13.9
2	☐	0.200					
3	☐	2.000	1.747	10740.89	0.0018	P	3.5
4	☐	50.000	51.141	314758.61	0.0523	P	2.1
5	☐	125.000	119.452	789743.47	0.1221	P	0.5
6	☐	250.000	251.665	1588168.11	0.2572	A	3.2
7	☐	500.000	498.124	3297211.59	0.5090	A	1.2
8	☐	1000.000	1001.159	6525091.46	1.0230	A	3.2
9	☐			10607.44	0.0017	P	2.2

$$y = 0.0010 * x + 9.8113E-006$$

$$R = 1.0000$$

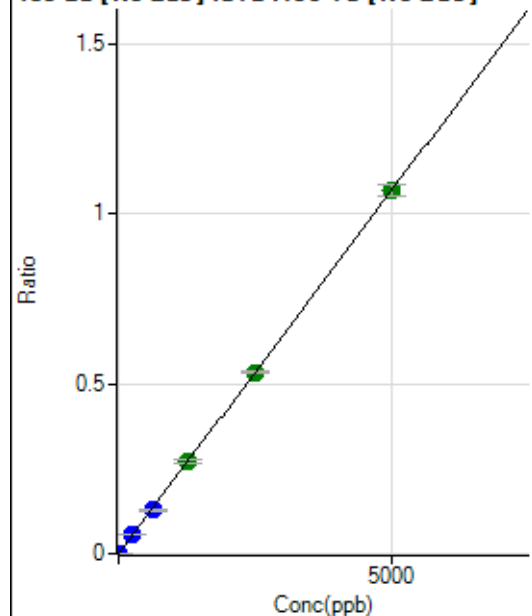
$$DL = 0.004015$$

$$BEC = 0.009602$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	100.3
2	☐	1.000					
3	☐	10.000	8.792	11244.11	0.0019	P	3.0
4	☐	250.000	258.684	332439.50	0.0552	P	1.8
5	☐	625.000	597.192	824449.75	0.1274	P	0.4
6	☐	1250.000	1268.870	1672115.15	0.2708	A	3.2
7	☐	2500.000	2502.015	3458440.70	0.5339	A	0.6
8	☐	5000.000	4997.319	6801331.84	1.0663	A	3.3
9	☐			1433.48	0.0002	P	5.8

$$y = 2.1338E-004 * x + 2.8113E-006$$

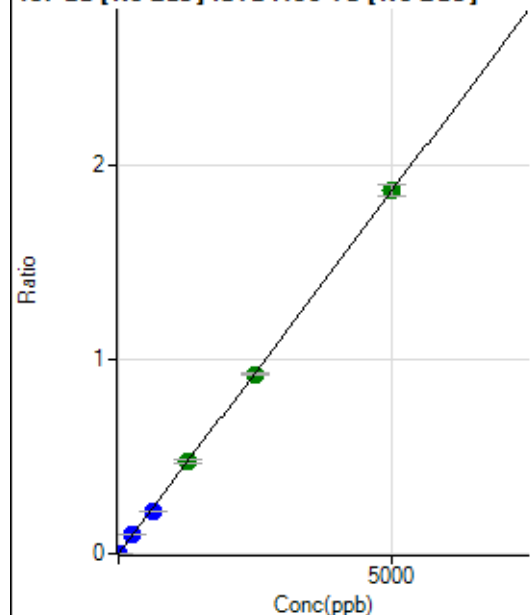
$$R = 1.0000$$

$$DL = 0.03965$$

$$BEC = 0.01318$$

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	44.45	0.0000	P	65.5
2	☐	1.000					
3	☐	10.000	8.638	19303.82	0.0032	P	2.9
4	☐	250.000	258.015	579019.71	0.0961	P	1.3
5	☐	625.000	594.120	1432276.43	0.2214	P	0.3
6	☐	1250.000	1272.037	2926913.43	0.4740	A	3.5
7	☐	2500.000	2480.731	5987706.77	0.9243	A	0.5
8	☐	5000.000	5007.587	11900846.19	1.8658	A	3.1
9	☐			2605.94	0.0004	P	2.1

$$y = 3.7260E-004 * x + 7.4627E-006$$

$$R = 1.0000$$

$$DL = 0.03938$$

$$BEC = 0.02003$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			4.44		P	173.2
4	☐			15.55		P	24.8
5	☐			46.67		P	37.8
6	☐			84.45		P	19.9
7	☐			184.45		P	21.8
8	☐			333.35		P	21.1
9	☐			108.89		P	23.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			4.44		P	43.4
7	☐			3.33		P	100.1
8	☐			4.44		P	43.4
9	☐			20.00		P	28.9

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐						
3	☐			22.22		P	78.1
4	☐			27.78		P	17.3
5	☐			13.89		P	91.6
6	☐			58.34		P	37.8
7	☐			52.78		P	39.7
8	☐			100.00		P	28.9
9	☐			66.67		P	25.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			3.33		P	100.1
7	☐			5.56		P	34.7
8	☐			5.55		P	69.3
9	☐			14.45		P	26.7

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐						
3	☐			69.45		P	42.1
4	☐			63.89		P	32.8
5	☐			80.56		P	11.9
6	☐			72.23		P	13.3
7	☐			69.45		P	50.0
8	☐			77.78		P	12.4
9	☐			94.45		P	20.4

160 Gd [He] No available calibration points

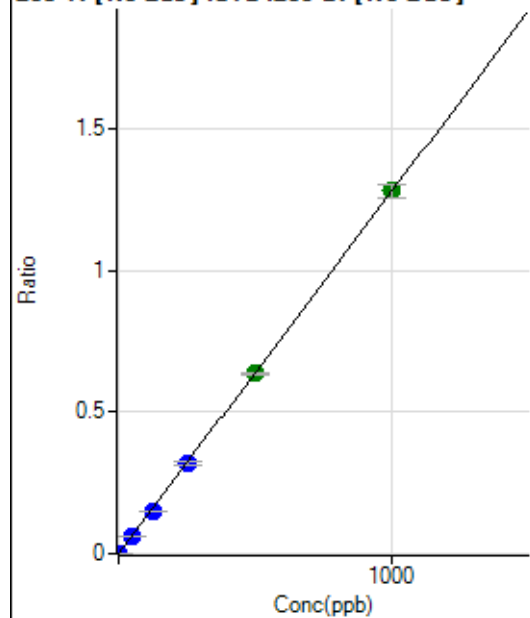
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			7.78		P	49.5
4	☐			5.56		P	34.7
5	☐			8.89		P	43.3
6	☐			8.89		P	57.3
7	☐			3.33		P	100.1
8	☐			15.55		P	24.8
9	☐			22.22		P	22.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			55.56		P	34.6
4	☐			27.78		P	96.4
5	☐			30.56		P	87.7
6	☐			19.44		P	89.2
7	☐			27.78		P	17.3
8	☐			41.67		P	40.0
9	☐			36.11		P	26.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			3.33		P	100.1
4	☐			4.44		P	43.4
5	☐			4.44		P	43.4
6	☐			5.55		P	124.9
7	☐			3.33		P	100.1
8	☐			3.33		P	173.2
9	☐			5.55		P	69.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	53.8
2	☐	0.100					
3	☐	1.000	0.843	3889.69	0.0011	P	7.0
4	☐	50.000	49.358	226840.90	0.0631	P	0.4
5	☐	125.000	115.692	564413.40	0.1480	P	1.0
6	☐	250.000	249.350	1141935.75	0.3190	P	3.5
7	☐	500.000	497.458	2406075.58	0.6363	A	1.0
8	☐	1000.000	1002.629	4771867.08	1.2825	A	4.0
9	☐			1908.57	0.0006	P	5.1

$$y = 0.0013 * x + 1.0569E-005$$

$$R = 1.0000$$

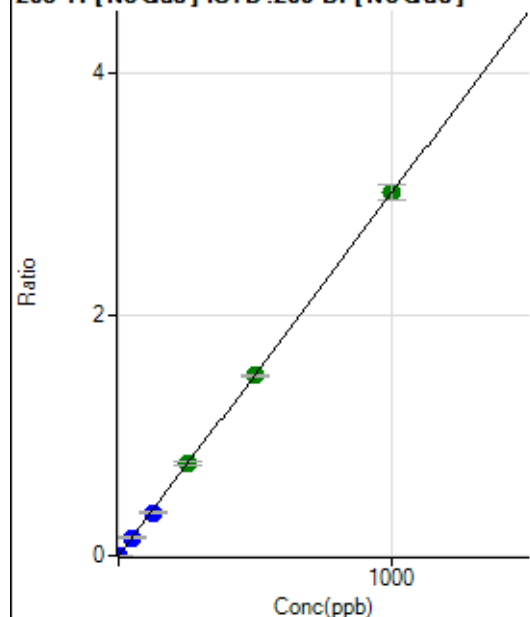
$$DL = 0.01334$$

$$BEC = 0.008263$$

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	75.00	0.0000	P	19.3
2	☐	0.100					
3	☐	1.000	0.882	9545.72	0.0027	P	2.0
4	☐	50.000	50.174	542144.40	0.1509	P	1.0
5	☐	125.000	118.842	1363160.06	0.3574	P	1.0
6	☐	250.000	255.149	2747187.95	0.7674	A	3.9
7	☐	500.000	497.688	5659698.09	1.4968	A	0.9
8	☐	1000.000	1000.630	11197009.02	3.0093	A	4.1
9	☐			4045.28	0.0012	P	3.9

$$y = 0.0030 * x + 2.0413E-005$$

$$R = 1.0000$$

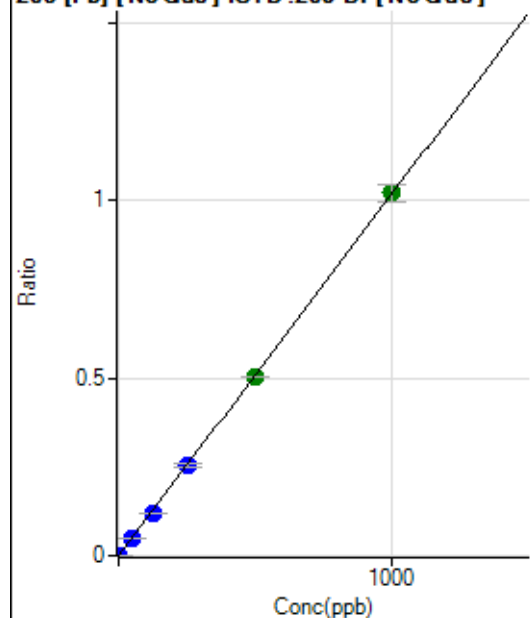
$$DL = 0.003928$$

$$BEC = 0.006788$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	214.82	0.0001	P	19.0
2	☐	0.100					
3	☐	1.000	0.863	3346.84	0.0009	P	3.2
4	☐	50.000	49.503	181223.57	0.0504	P	1.5
5	☐	125.000	117.326	455693.81	0.1195	P	0.5
6	☐	250.000	248.374	905273.07	0.2529	P	4.0
7	☐	500.000	494.821	1904770.73	0.5037	A	1.0
8	☐	1000.000	1003.980	3802272.39	1.0220	A	4.6
9	☐			5636.61	0.0017	P	1.6

$$y = 0.0010 * x + 5.8455E-005$$

$$R = 1.0000$$

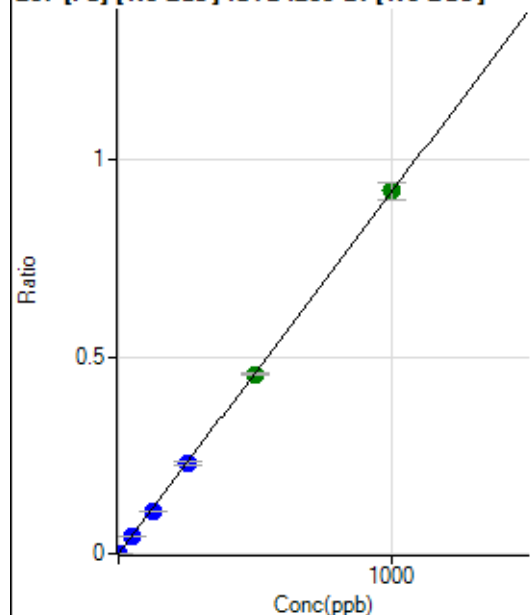
$$DL = 0.03273$$

$$BEC = 0.05743$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0000	P	16.0
2	☐	0.100					
3	☐	1.000	0.854	2974.53	0.0008	P	1.4
4	☐	50.000	50.016	165146.23	0.0460	P	1.1
5	☐	125.000	116.833	409310.30	0.1073	P	1.0
6	☐	250.000	249.460	820055.34	0.2291	P	4.5
7	☐	500.000	495.502	1720562.63	0.4550	A	0.9
8	☐	1000.000	1003.404	3427747.56	0.9214	A	4.7
9	☐			5032.63	0.0015	P	6.6

$$y = 9.1819\text{E-}004 * x + 4.8405\text{E-}005$$

$$R = 1.0000$$

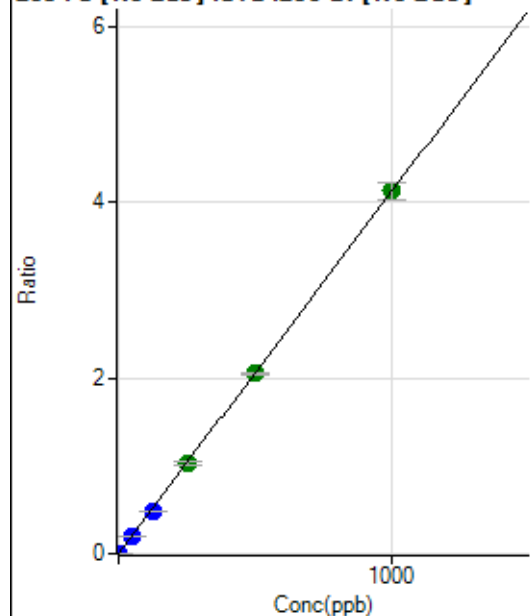
$$DL = 0.02525$$

$$BEC = 0.05272$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	840.78	0.0002	P	15.7
2	☐	0.100					
3	☐	1.000	0.859	13481.00	0.0038	P	1.3
4	☐	50.000	50.004	741836.45	0.2065	P	1.4
5	☐	125.000	117.046	1842331.09	0.4831	P	0.5
6	☐	250.000	250.611	3701877.80	1.0341	A	3.9
7	☐	500.000	497.301	7758254.11	2.0517	A	0.6
8	☐	1000.000	1002.191	15382209.89	4.1345	A	4.6
9	☐			22545.51	0.0066	P	1.9

$$y = 0.0041 * x + 2.2892\text{E-}004$$

$$R = 1.0000$$

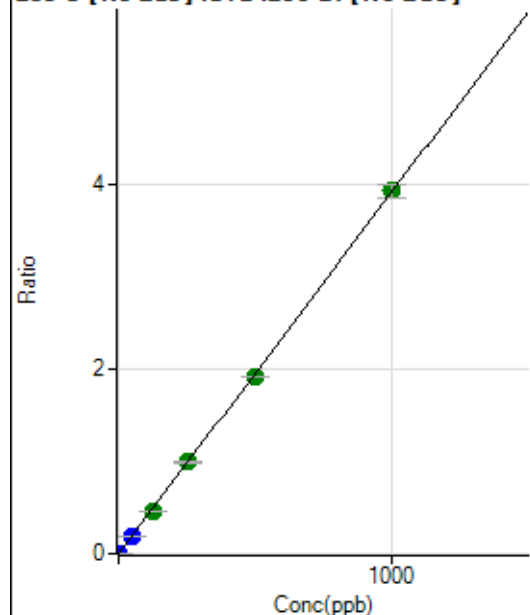
$$DL = 0.02609$$

$$BEC = 0.05549$$

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	22.22	0.0000	P	56.8
2	☐	0.100					
3	☐	1.000	0.872	12198.27	0.0034	P	2.4
4	☐	50.000	49.486	694783.64	0.1934	P	0.7
5	☐	125.000	118.647	1768469.87	0.4637	A	0.6
6	☐	250.000	252.994	3539765.23	0.9888	A	3.8
7	☐	500.000	490.506	7248958.23	1.9170	A	0.5
8	☐	1000.000	1004.819	14612152.76	3.9271	A	3.9
9	☐			2419.82	0.0007	P	6.6

$$y = 0.0039 * x + 6.0307E-006$$

$$R = 0.9999$$

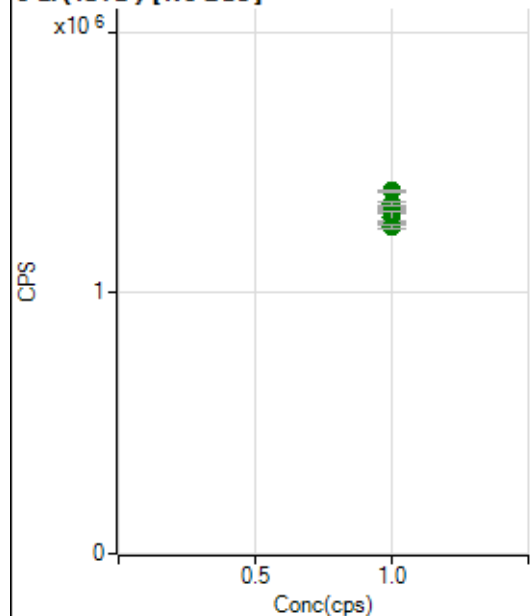
$$DL = 0.00263$$

$$BEC = 0.001543$$

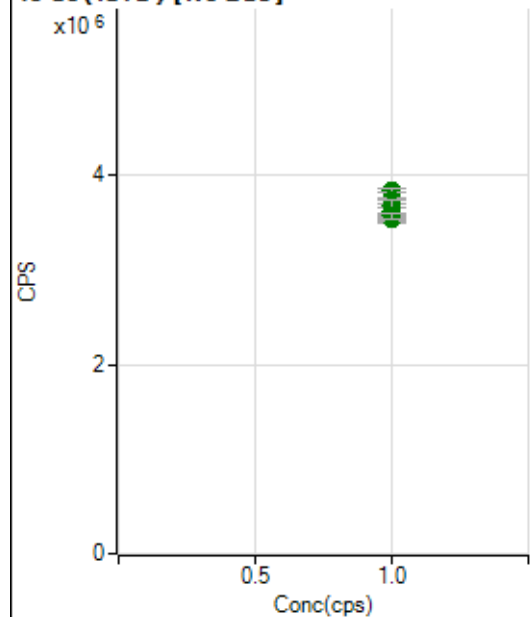
Weight: <None>

Min Conc: 0

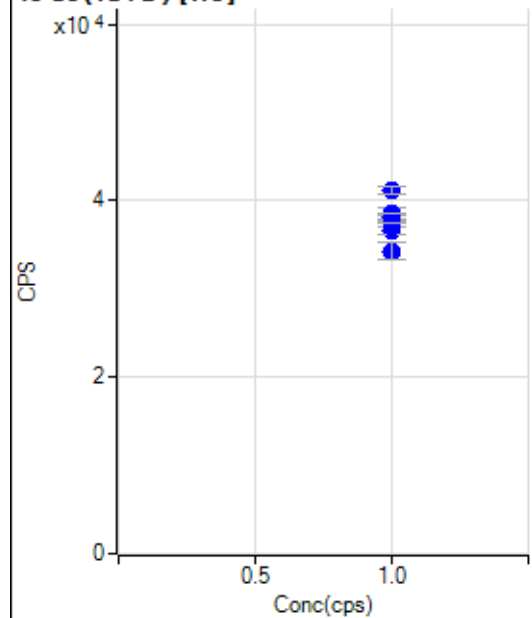
6 Li (ISTD) [No Gas]



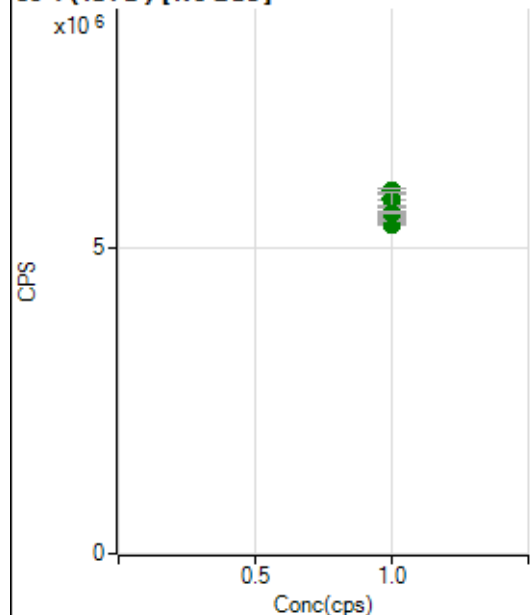
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1306859.89		A	0.6
2	☐	1.000					
3	☐	1.000		1320609.84		A	0.6
4	☐	1.000		1330989.86		A	0.8
5	☐	1.000		1389839.18		A	0.7
6	☐	1.000		1288884.79		A	3.6
7	☐	1.000		1341684.60		A	1.5
8	☐	1.000		1291515.29		A	2.9
9	☐	1.000		1250166.30		A	1.0

45 Sc (ISTD) [No Gas]

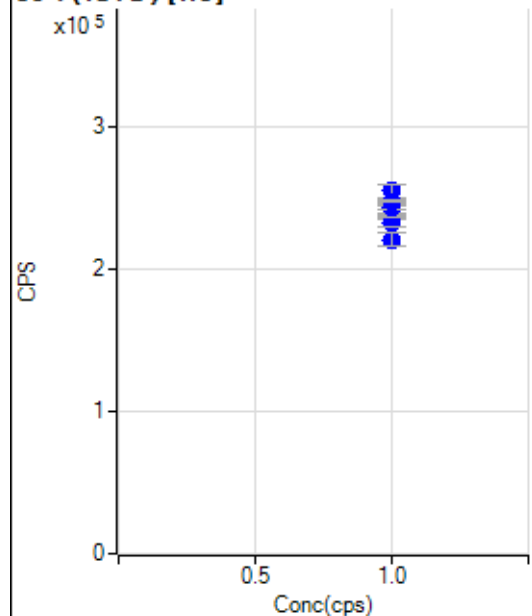
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3536360.28		A	2.1
2	☐	1.000					
3	☐	1.000		3561912.45		A	0.6
4	☐	1.000		3549488.49		A	1.6
5	☐	1.000		3840414.89		A	1.2
6	☐	1.000		3624519.70		A	2.5
7	☐	1.000		3735341.06		A	1.3
8	☐	1.000		3676894.18		A	3.6
9	☐	1.000		3578739.01		A	1.6

45 Sc (ISTD) [He]

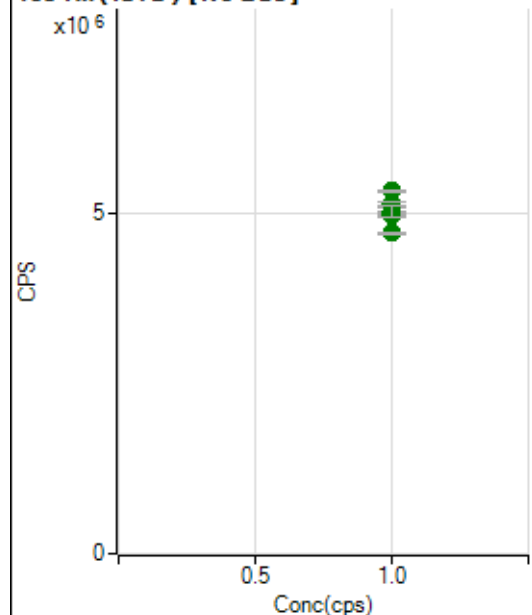
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		36581.04		P	2.4
2	☐	1.000					
3	☐	1.000		37023.30		P	0.2
4	☐	1.000		34226.78		P	5.7
5	☐	1.000		38415.04		P	4.4
6	☐	1.000		38089.50		P	0.9
7	☐	1.000		38579.70		P	0.4
8	☐	1.000		41091.22		P	2.1
9	☐	1.000		37513.48		P	0.2

89 Y (ISTD) [No Gas]

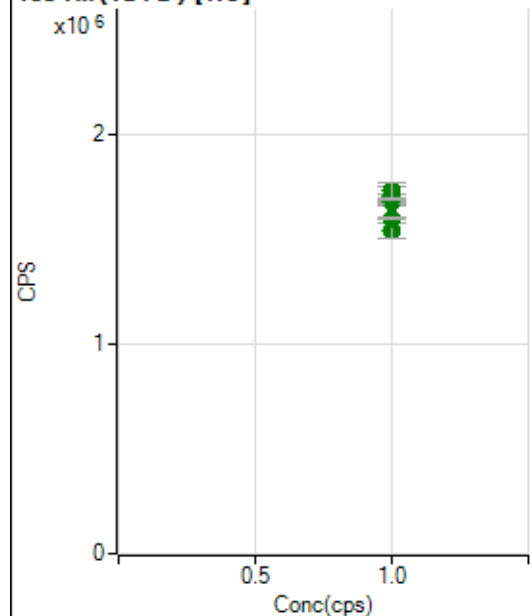
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		5390535.54		A	0.2
2	☐	1.000					
3	☐	1.000		5482038.74		A	0.6
4	☐	1.000		5453685.82		A	1.1
5	☐	1.000		5931533.52		A	0.9
6	☐	1.000		5604345.61		A	2.2
7	☐	1.000		5829732.28		A	1.4
8	☐	1.000		5799347.27		A	3.5
9	☐	1.000		5578387.97		A	1.0

89 Y (ISTD) [He]

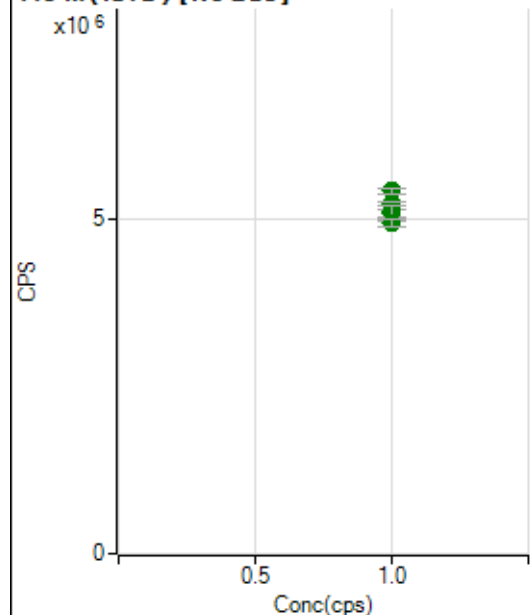
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		232497.99		P	2.1
2	☐	1.000					
3	☐	1.000		237608.32		P	0.1
4	☐	1.000		221192.03		P	4.6
5	☐	1.000		245097.96		P	4.1
6	☐	1.000		244039.45		P	1.1
7	☐	1.000		247369.39		P	0.5
8	☐	1.000		255470.61		P	3.4
9	☐	1.000		248116.97		P	0.4

103 Rh (ISTD) [No Gas]

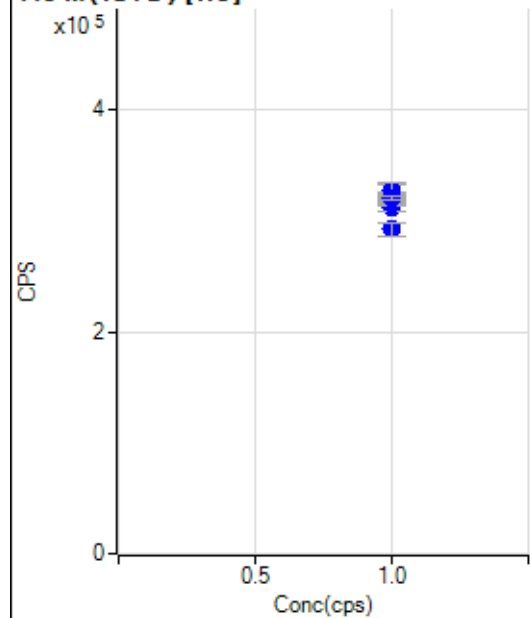
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4977508.32		A	0.4
2	☐	1.000					
3	☐	1.000		5015638.05		A	0.9
4	☐	1.000		4971475.37		A	1.1
5	☐	1.000		5341904.46		A	0.7
6	☐	1.000		5025313.78		A	2.4
7	☐	1.000		5152875.77		A	0.7
8	☐	1.000		5046674.59		A	3.2
9	☐	1.000		4720629.88		A	0.6

103 Rh (ISTD) [He]

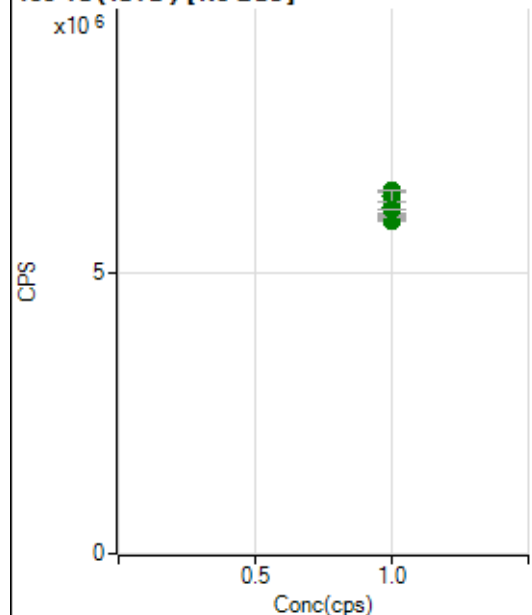
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1699367.67		A	2.3
2	☐	1.000					
3	☐	1.000		1679629.61		A	1.0
4	☐	1.000		1545077.60		A	5.0
5	☐	1.000		1706671.76		A	5.4
6	☐	1.000		1681148.83		A	0.7
7	☐	1.000		1696085.25		A	0.4
8	☐	1.000		1733727.34		A	4.2
9	☐	1.000		1599843.07		A	0.7

115 In (ISTD) [No Gas]

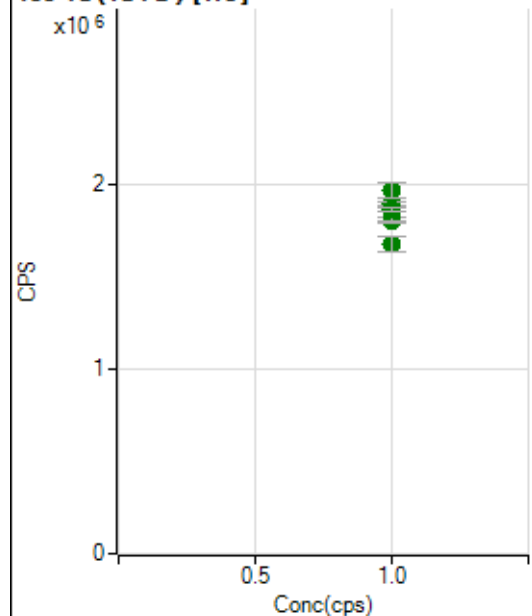
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4974923.23		A	0.5
2	☐	1.000					
3	☐	1.000		5013150.95		A	0.5
4	☐	1.000		4994576.85		A	0.9
5	☐	1.000		5413908.65		A	1.3
6	☐	1.000		5068476.33		A	2.4
7	☐	1.000		5224654.38		A	0.8
8	☐	1.000		5102420.79		A	3.6
9	☐	1.000		4928316.90		A	2.1

115 In (ISTD) [He]

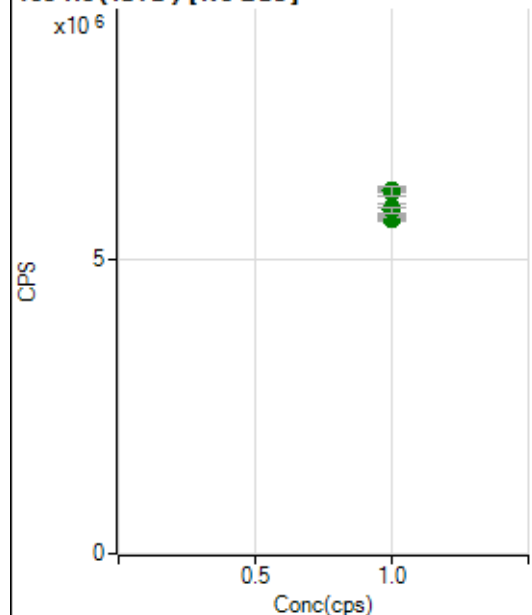
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		311488.33		P	1.5
2	☐	1.000					
3	☐	1.000		315592.89		P	0.5
4	☐	1.000		292414.26		P	4.4
5	☐	1.000		325166.15		P	4.7
6	☐	1.000		324440.04		P	1.0
7	☐	1.000		322731.08		P	0.9
8	☐	1.000		327303.16		P	4.7
9	☐	1.000		321068.31		P	0.7

159 Tb (ISTD) [No Gas]

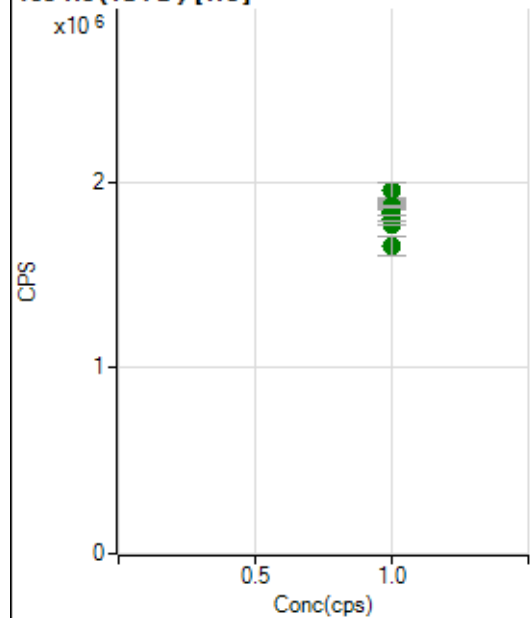
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5943787.20		A	0.5
2	☐	1.000					
3	☐	1.000		5984435.33		A	0.3
4	☐	1.000		6022822.48		A	0.7
5	☐	1.000		6469882.61		A	0.7
6	☐	1.000		6179963.45		A	3.2
7	☐	1.000		6477998.73		A	0.3
8	☐	1.000		6382331.16		A	3.1
9	☐	1.000		6148279.29		A	0.3

159 Tb (ISTD) [He]

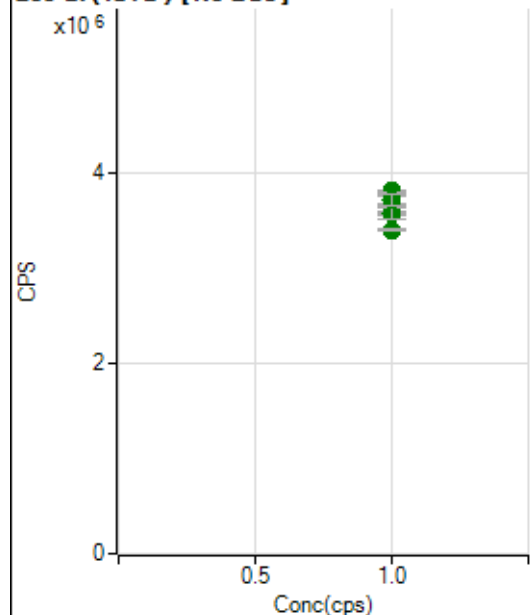
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1801869.96		A	1.6
2	☐	1.000					
3	☐	1.000		1798261.33		A	0.6
4	☐	1.000		1675620.51		A	5.0
5	☐	1.000		1854221.94		A	5.2
6	☐	1.000		1864220.98		A	1.3
7	☐	1.000		1894745.43		A	0.8
8	☐	1.000		1963692.00		A	4.3
9	☐	1.000		1860967.19		A	0.8

165 Ho (ISTD) [No Gas]

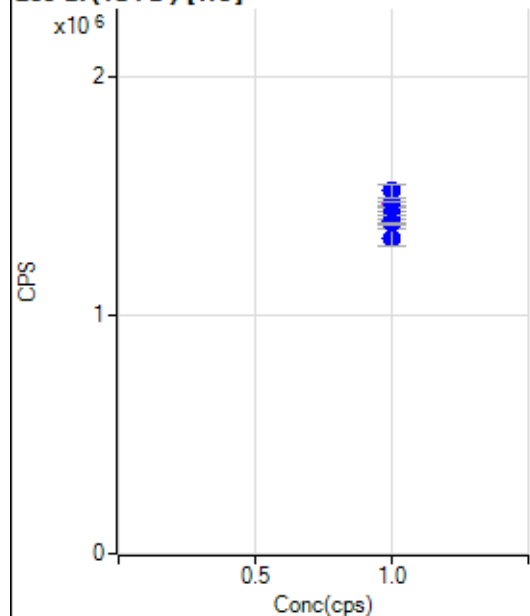
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5688558.98		A	0.6
2	☐	1.000					
3	☐	1.000		5739447.74		A	1.1
4	☐	1.000		5750424.82		A	0.7
5	☐	1.000		6167063.29		A	0.7
6	☐	1.000		5881741.58		A	2.7
7	☐	1.000		6178179.04		A	1.0
8	☐	1.000		6176715.24		A	2.4
9	☐	1.000		5849262.85		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1794553.40		A	2.4
2	☐	1.000					
3	☐	1.000		1768897.70		A	0.2
4	☐	1.000		1653482.46		A	6.1
5	☐	1.000		1834188.90		A	5.4
6	☐	1.000		1837302.16		A	1.4
7	☐	1.000		1894274.89		A	0.4
8	☐	1.000		1951151.43		A	4.2
9	☐	1.000		1867260.16		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3674578.80		A	0.7
2	☐	1.000					
3	☐	1.000		3572896.89		A	0.4
4	☐	1.000		3592386.82		A	0.3
5	☐	1.000		3813781.23		A	0.0
6	☐	1.000		3582918.87		A	3.2
7	☐	1.000		3781490.50		A	1.1
8	☐	1.000		3724160.05		A	3.4
9	☐	1.000		3404571.06		A	1.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1391586.23		P	2.0
2	☐	1.000					
3	☐	1.000		1420615.45		P	0.2
4	☐	1.000		1326706.34		P	5.8
5	☐	1.000		1464528.38		M	4.1
6	☐	1.000		1455780.33		P	0.5
7	☐	1.000		1476579.21		P	0.2
8	☐	1.000		1521711.94		P	3.7
9	☐	1.000		1383662.76		P	0.2