

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120423\
 Data File : BP018607.D
 Acq On : 05 Dec 2023 17:24
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020709

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/06/2023
 Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 05 18:30:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 04 21:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	355186	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	1591890	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.481	164	1100995	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	2475672	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	2191333	20.000	ng/u1	0.00
88) Perylene-d12	23.686	264	2135340	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	71924	6.901	ng/uL	0.00
4) Pyridine-d5	3.687	84	540334	19.354	ng/u1	0.00
7) Phenol-d5	7.022	99	553141	15.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	333991	15.810	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	421039	15.138	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	559367	19.391	ng/u1	0.00
21) Nitrobenzene-d5	9.016	128	262630	18.536	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	268707	18.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	576486	19.193	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	817689	20.831	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	1849989	18.827	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	2080480	19.228	ng/u1	0.00
54) 4-Nitrophenol-d4	14.681	143	325800	20.199	ng/u1	0.00
60) Fluorene-d10	15.475	176	1595405	19.342	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	268169	18.066	ng/u1	0.00
73) Anthracene-d10	17.328	188	2525329	19.403	ng/u1	0.00
81) Pyrene-d10	19.563	212	2896400	16.980	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.527	264	2333318	18.741	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	78837	6.897	ng/uL	93
5) Pyridine	3.705	79	550353	19.521	ng/u1	98
6) Benzaldehyde	6.993	77	336376	18.278	ng/u1	97
8) Phenol	7.046	94	550867	15.759	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	457423	15.934	ng/u1	99
12) 2-Chlorophenol	7.416	128	426952	15.168	ng/u1	98
13) 2-Methylphenol	8.299	108	518772	19.385	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	708589	19.453	ng/u1	98
16) Acetophenone	8.681	105	884446	20.573	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.669	70	440661	18.633	ng/u1	99
18) 4-Methylphenol	8.628	108	582971	19.950	ng/u1	97
19) Hexachloroethane	8.928	117	211647	18.340	ng/u1	99
22) Nitrobenzene	9.057	77	649779	18.863	ng/u1	100
23) Isophorone	9.587	82	1294778	18.435	ng/u1	99
25) 2-Nitrophenol	9.763	139	302547	19.236	ng/u1	98
26) 2,4-Dimethylphenol	9.828	107	576516	18.742	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.069	93	831741	18.757	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	556963	19.251	ng/u1	98
30) Naphthalene	10.699	128	1826070	18.909	ng/u1	100
32) 4-Chloroaniline	10.816	127	791659	21.160	ng/u1	100
33) Hexachlorobutadiene	10.987	225	365486	18.863	ng/u1	98
34) Caprolactam	11.593	113	176553m	19.902	ng/u1	
35) 4-Chloro-3-methylphenol	11.940	107	621890	19.188	ng/u1	99
36) 2-Methylnaphthalene	12.310	142	1301216	19.020	ng/u1	100

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Reviewed By :Yogesh Patel 12/06/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.528	142	1323658	19.158	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.675	216	752781	18.845	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	408855	17.268	ng/ul	99
41) 2,4,6-Trichlorophenol	12.916	196	485558	18.896	ng/ul	99
42) 2,4,5-Trichlorophenol	12.987	196	538722	19.338	ng/ul	99
43) 1,1'-Biphenyl	13.322	154	1778319	18.676	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	1421900	18.907	ng/ul	99
45) 2-Nitroaniline	13.569	65	392243	19.239	ng/ul	98
47) Dimethylphthalate	13.945	163	1838103	19.003	ng/ul	100
48) 2,6-Dinitrotoluene	14.063	165	354284	19.386	ng/ul	97
50) Acenaphthylene	14.204	152	2337371	19.213	ng/ul	99
51) 3-Nitroaniline	14.392	138	383172	21.004	ng/ul	99
52) Acenaphthene	14.545	153	1537721	19.117	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	160448	16.566	ng/ul	99
55) 4-Nitrophenol	14.698	109	248102	20.359	ng/ul	95
56) Dibenzofuran	14.881	168	2159791	19.319	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	524824	20.416	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.104	232	459819	19.677	ng/ul	97
59) Diethylphthalate	15.310	149	1811270	19.136	ng/ul	100
61) Fluorene	15.528	166	1751842	19.804	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	909666	19.607	ng/ul	94
63) 4-Nitroaniline	15.551	138	385014	22.154	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.604	198	294400	18.550	ng/ul	97
67) N-Nitrosodiphenylamine	15.739	169	1508138	18.384	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	558996	17.885	ng/ul	96
69) Hexachlorobenzene	16.528	284	656702	18.819	ng/ul	99
70) Atrazine	16.698	200	499298	20.472	ng/ul	98
71) Pentachlorophenol	16.875	266	387319	18.663	ng/ul	99
72) Phenanthrene	17.269	178	2872332	19.210	ng/ul	100
74) Anthracene	17.363	178	2905959	19.389	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.281	216	763644	17.839	ng/ul	99
76) Pentachlorobenzene	14.798	250	774285	18.414	ng/ul	99
77) Carbazole	17.633	167	2567049	21.491	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3087529	19.412	ng/ul	100
80) Fluoranthene	19.239	202	3367703	16.702	ng/ul	99
82) Pyrene	19.592	202	3477281	17.095	ng/ul	98
83) Butylbenzylphthalate	20.469	149	1314908	17.658	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1028027	19.305	ng/ul	99
85) Benzo(a)anthracene	21.298	228	3312725	18.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1892720	18.493	ng/ul	99
87) Chrysene	21.351	228	3057930	18.669	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	3093151	19.840	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	3038035	19.296	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2887168	18.953	ng/ul	99
93) Benzo(a)pyrene	23.580	252	2714223	18.867	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	3026946	17.611	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	2524392	17.655	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	2394402	17.310	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

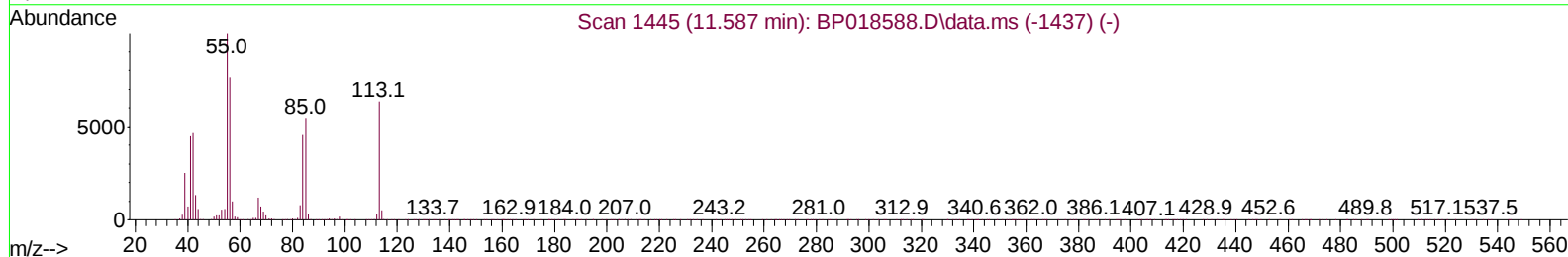
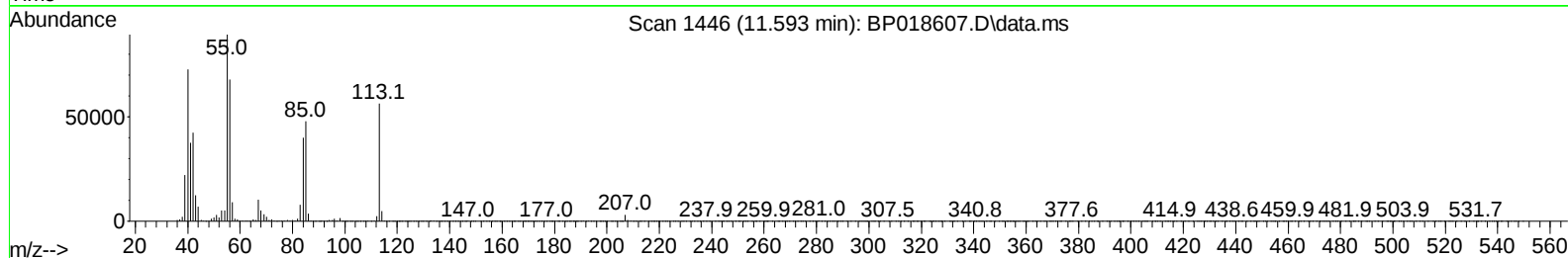
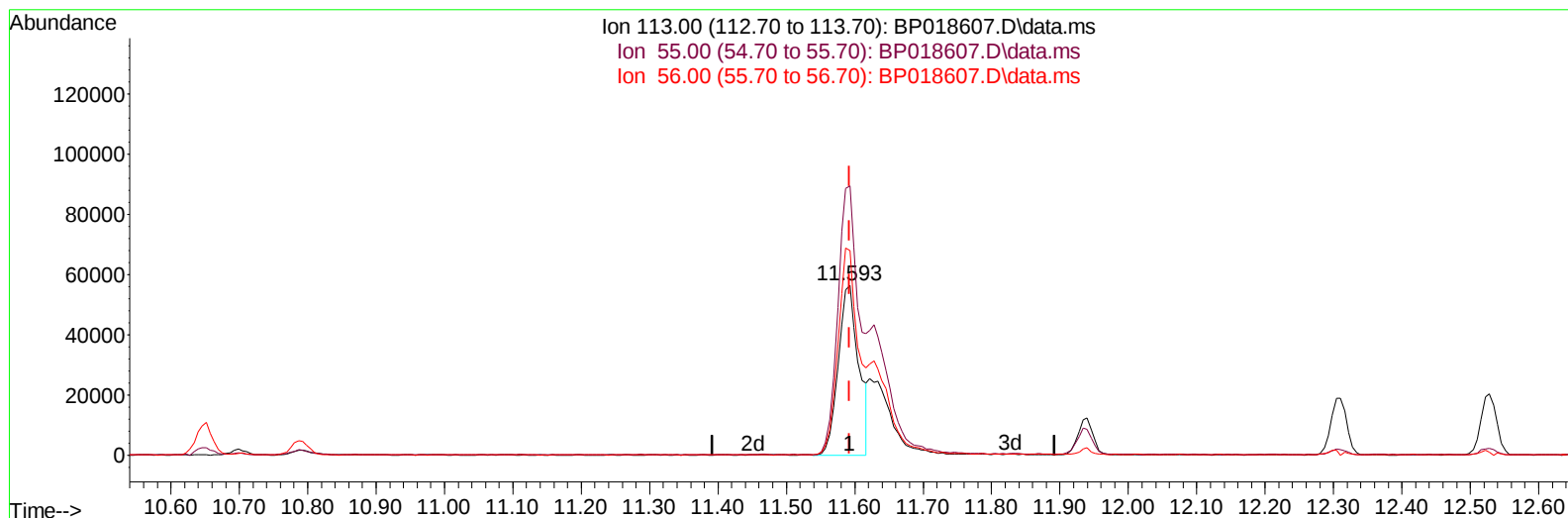
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TIC: BP018607.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 13.20 ng/ul

response 117115

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	158.49
56.00	121.80	120.52
0.00	0.00	0.00

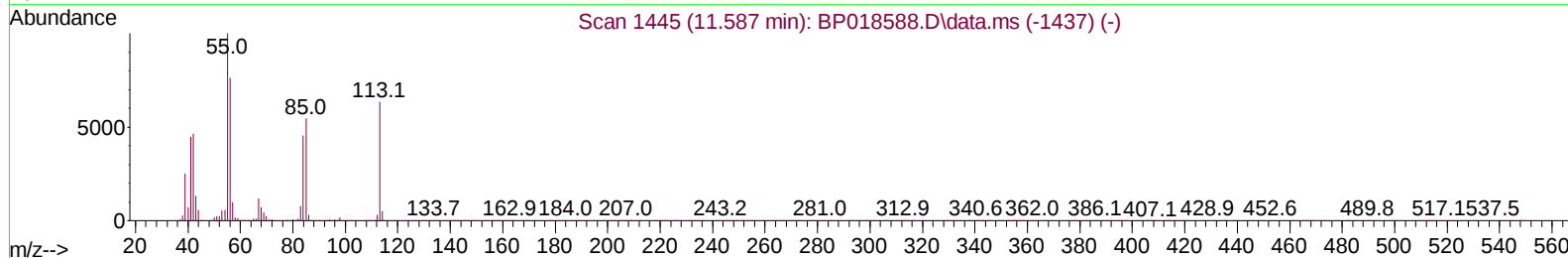
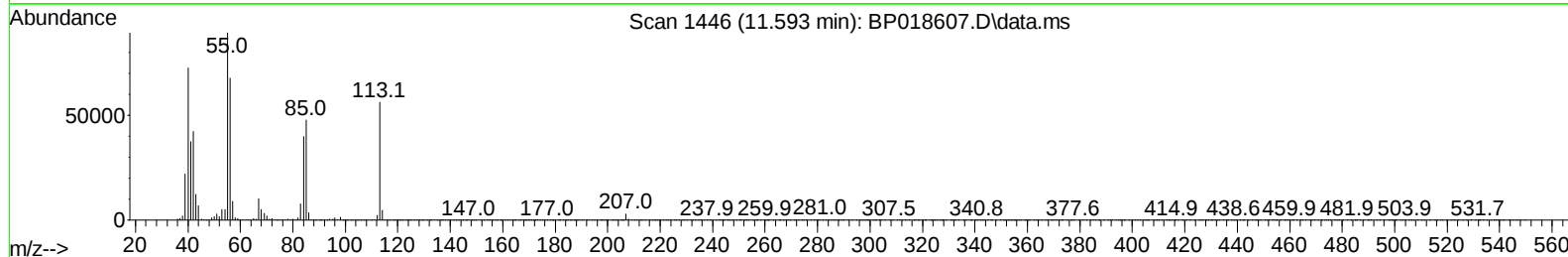
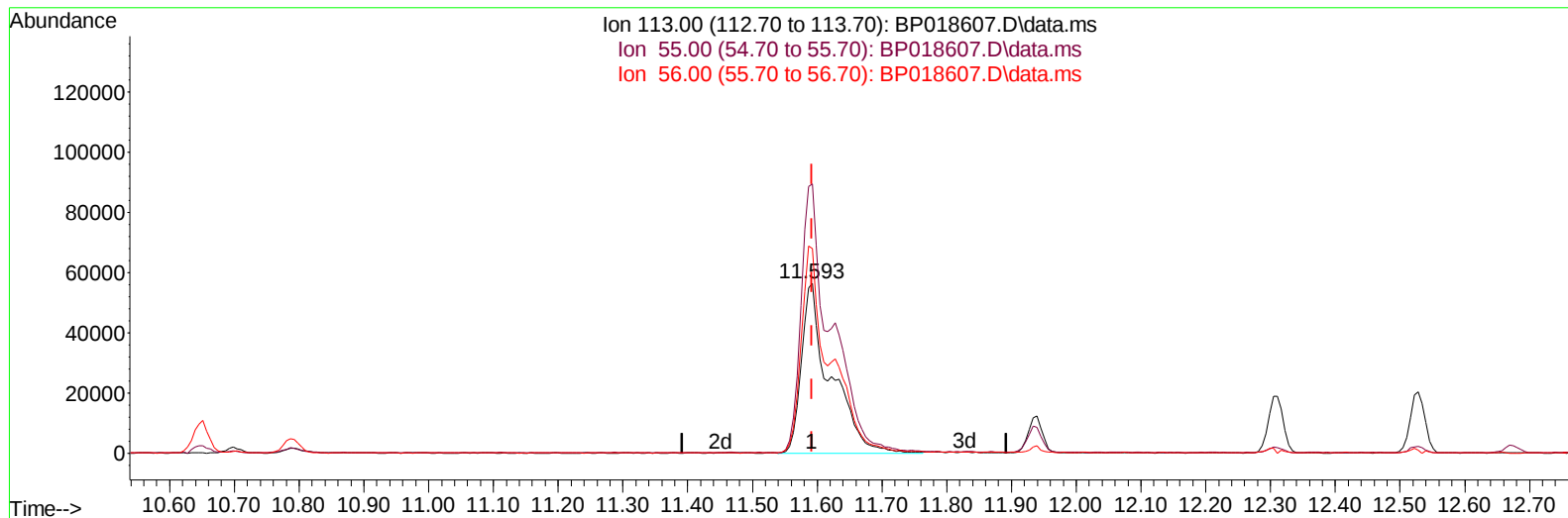
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TIC: BP018607.D\data.ms

(34) Caprolactam

11.593min (+ 0.000) 19.90 ng/ul m

response 176553

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.10	158.49
56.00	121.80	120.52
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
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20) Naphthalene-d8	10.651	136	1591890	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1100995	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	2475672	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	2191333	20.000	ng/ul	0.00
88) Perylene-d12	23.686	264	2135340	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	71924	6.901	ng/uL	0.00
4) Pyridine-d5	3.687	84	540334	19.354	ng/ul	0.00
7) Phenol-d5	7.022	99	553141	15.518	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	333991	15.810	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	421039	15.138	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	559367	19.391	ng/ul	0.00
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31) 4-Chloroaniline-d4	10.793	131	817689	20.831	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	1849989	18.827	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	2080480	19.228	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	325800	20.199	ng/ul	0.00
60) Fluorene-d10	15.475	176	1595405	19.342	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	268169	18.066	ng/ul	0.00
73) Anthracene-d10	17.328	188	2525329	19.403	ng/ul	0.00
81) Pyrene-d10	19.563	212	2896400	16.980	ng/ul	0.00
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80) Fluoranthene	19.239	202	3367703	16.702	ng/ul	99
82) Pyrene	19.592	202	3477281	17.095	ng/ul	98
83) Butylbenzylphthalate	20.469	149	1314908	17.658	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	1028027	19.305	ng/ul	99
85) Benzo(a)anthracene	21.298	228	3312725	18.625	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1892720	18.493	ng/ul	99
87) Chrysene	21.351	228	3057930	18.669	ng/ul	100
89) Di-n-octyl phthalate	22.145	149	3093151	19.840	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	3038035	19.296	ng/ul	99
91) Benzo(k)fluoranthene	23.010	252	2887168	18.953	ng/ul	99
93) Benzo(a)pyrene	23.580	252	2714223	18.867	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.145	276	3026946	17.611	ng/ul	98
95) Dibenzo(a,h)anthracene	26.168	278	2524392	17.655	ng/ul	98
96) Benzo(g,h,i)perylene	26.904	276	2394402	17.310	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed