

(QT Reviewed)

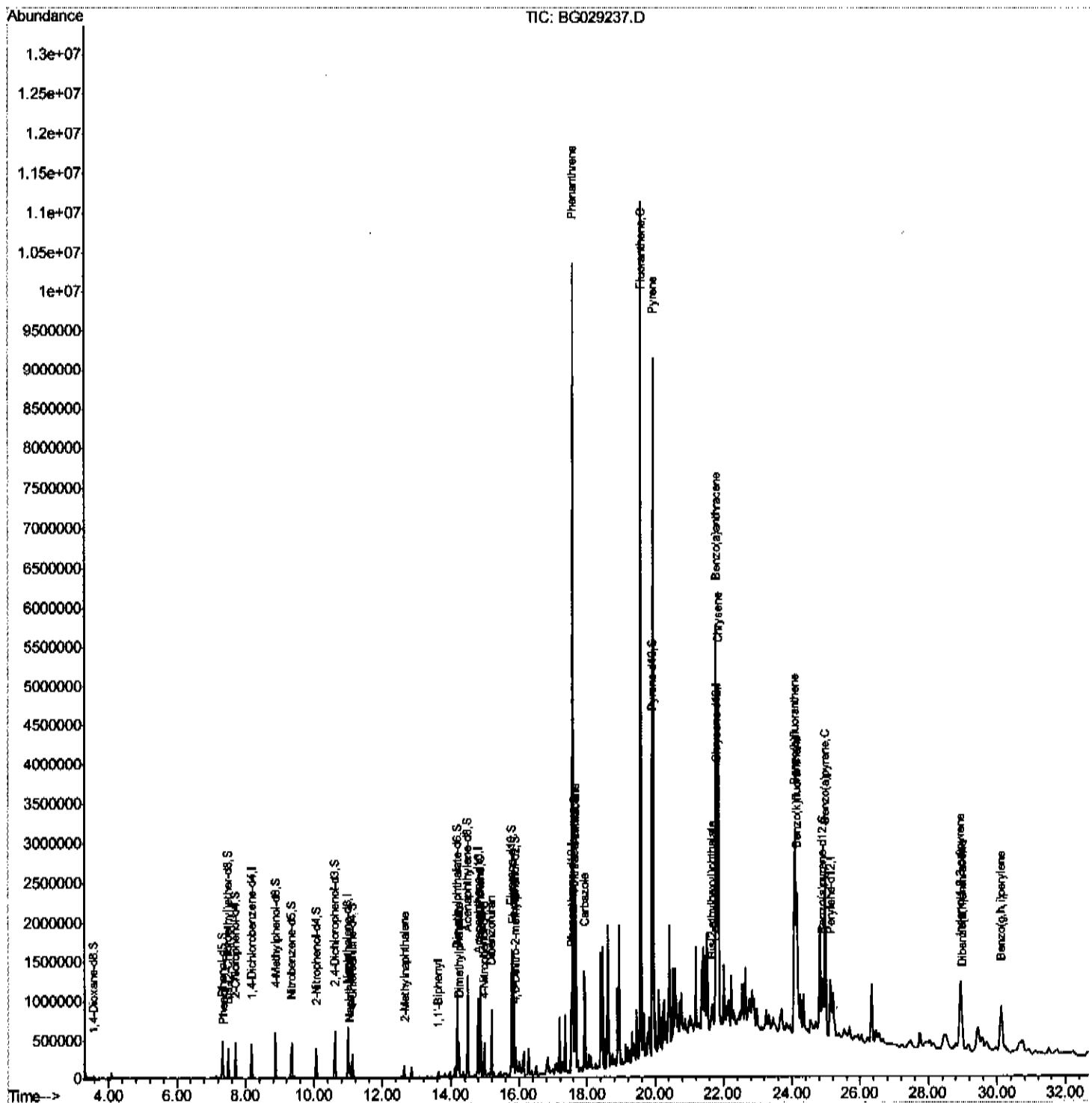
```
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\  
Data File : BG029237.D  
Acq On : 15 Oct 2017 00:14  
Operator : SJ/JU  
Sample : I5548-06  
Misc :  
ALS Vial : 10 Sample Multiplier: 1
```

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations

Sohil
10/16/2017 7:43:45 PM

Quant Time: Oct 15 03:43:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

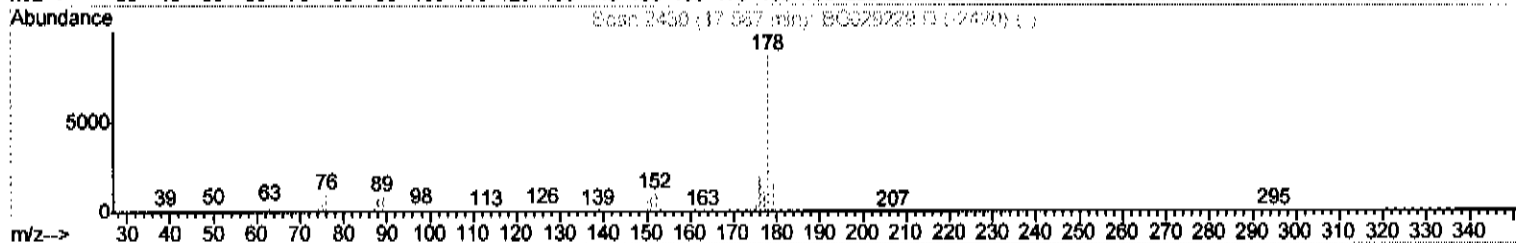
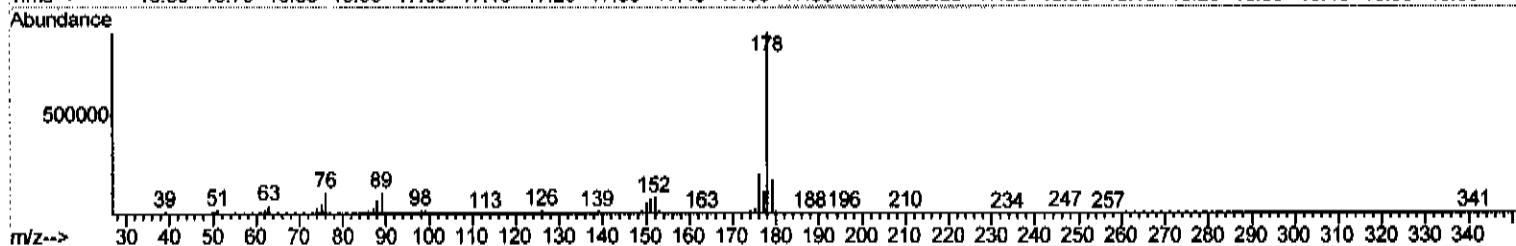
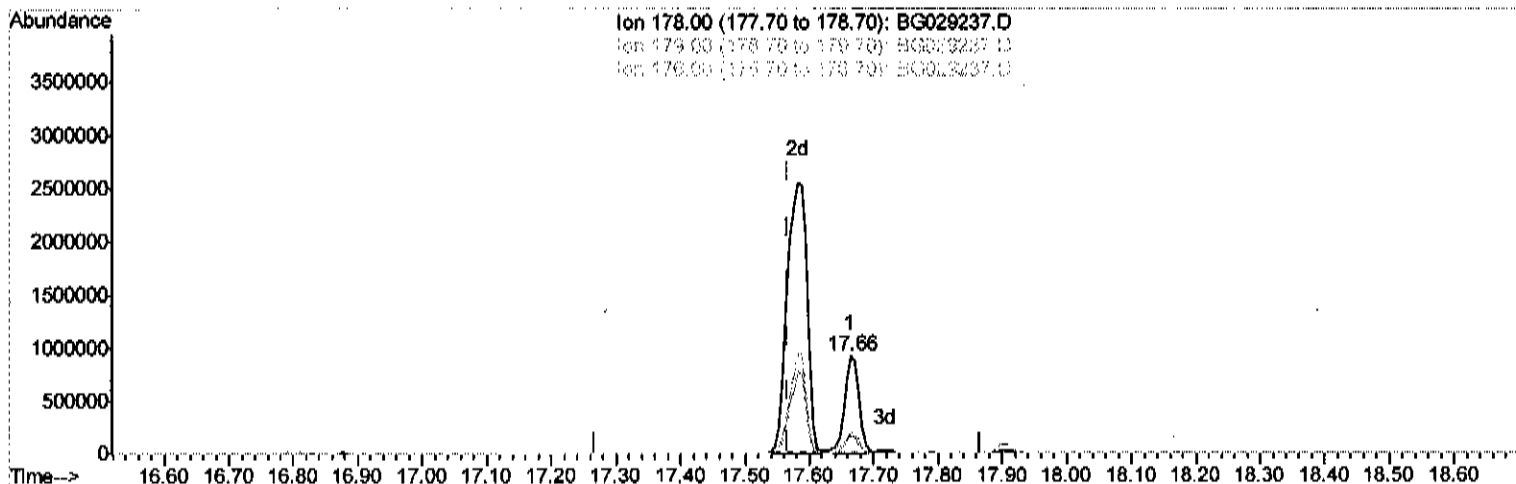
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029237.D
Acq On : 15 Oct 2017 00:14
Operator : SJ/JU
Sample : I5548-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations
APPROVED

Sohil
10/16/2017 7:43:45 PM

Quant Time: Oct 15 01:42:27 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration



TIC: BG029237.D

(69) Phenanthrene

17.665min (+0.097) 38.50ng/ul

response 1444020

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	18.12
176.00	19.10	21.45
0.00	0.00	0.00

Quantitation Report (Qedit)

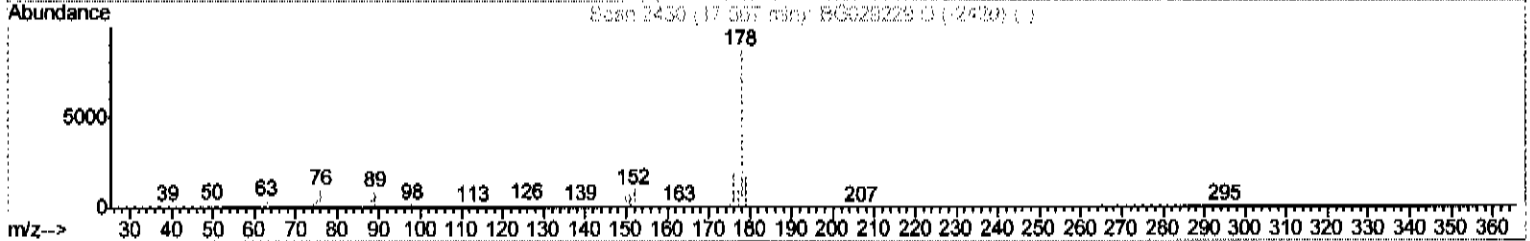
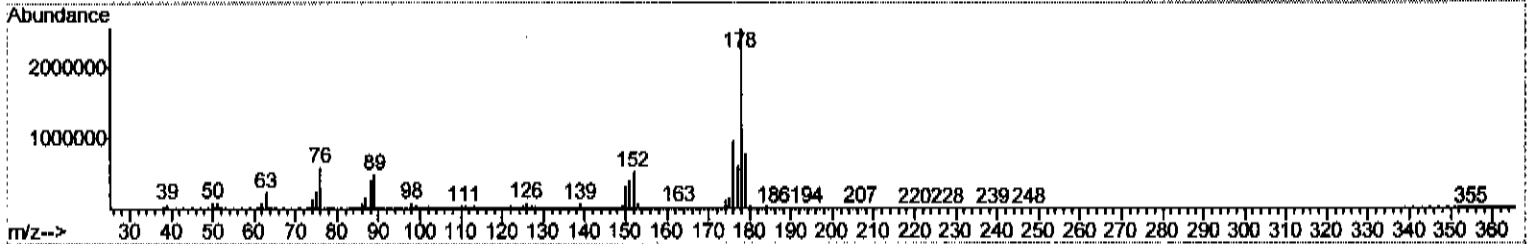
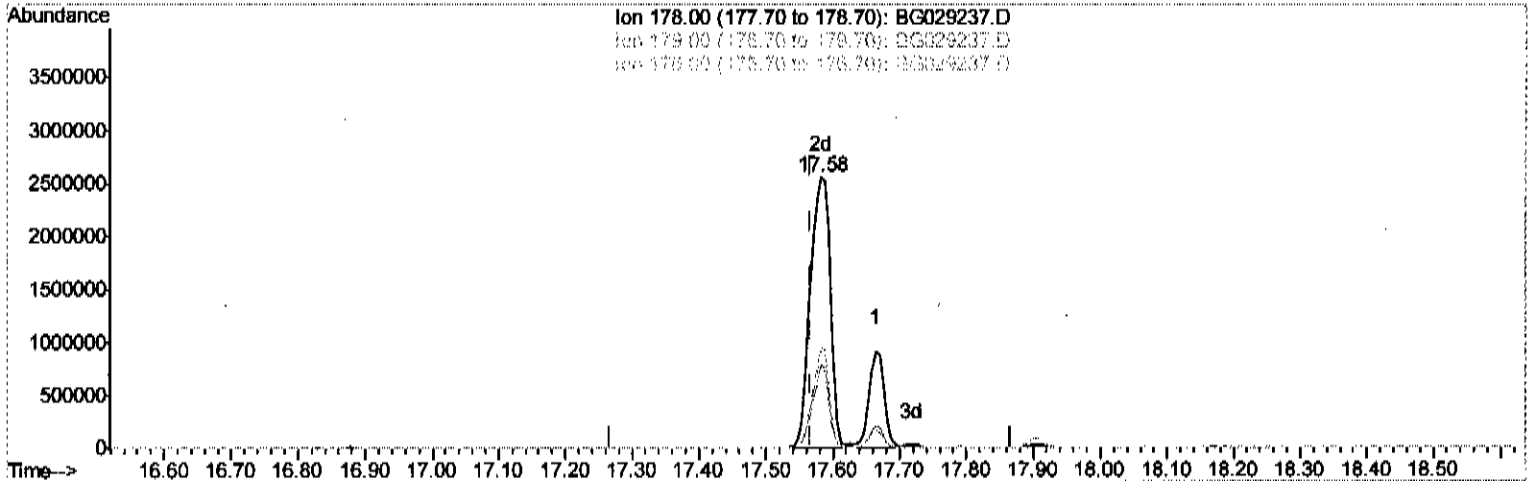
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029237.D
 Acq On : 15 Oct 2017 00:14
 Operator : SJ/JU
 Sample : I5548-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:45 PM

Quant Time: Oct 15 01:42:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration



TIC: BG029237.D

(69) Phenanthrene

17.582min (+0.015) 143.69ng/ul m

response 5388743

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	30.89#
176.00	19.10	37.51#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029237.D
 Acq On : 15 Oct 2017 00:14
 Operator : SJ/JU
 Sample : I5548-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB7

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:45 PM

Quant Time: Oct 15 03:43:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	126826	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	551682	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	333536	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	693735	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	593597	20.00	ng/ul	0.02
83) Perylene-d12	25.13	264	609521	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14039	4.50	ng/uL	0.00
5) Phenol-d5	7.32	99	301880	24.80	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.49	67	190636	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	222618	25.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	241728	24.59	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	116671	29.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	126723	31.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	235196	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	192590	17.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	719727	25.24	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	915001	26.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	108715	20.65	ng/ul	0.00
57) Fluorene-d10	15.78	176	623846	26.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	76172	22.49	ng/ul	0.00
70) Anthracene-d10	17.64	188	861606	26.26	ng/ul	0.00
76) Pyrene-d10	19.90	212	831595	27.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	725415	25.13	ng/ul	0.03

Target Compounds

					Ovalue
6) Phenol	7.35	94	33133	2.63	ng/ul 92
28) Naphthalene	11.04	128	135493	4.64	ng/ul 97
34) 2-Methylnaphthalene	12.64	142	79166	3.28	ng/ul 100
40) 1,1'-Biophenyl	13.63	154	37474	1.36	ng/ul 98
44) Dimethylphthalate	14.23	163	272325	9.79	ng/ul 98
49) Acenaphthene	14.86	153	492777	20.36	ng/ul 96
53) Dibenzofuran	15.19	168	507044	15.32	ng/ul 99
58) Fluorene	15.83	166	623246	23.61	ng/ul 99
69) Phenanthrene	17.58	178	5388743m	143.69	ng/ul > 300/16/17
71) Anthracene	17.66	178	1444020	37.32	ng/ul 97
72) Carbazole	17.93	167	839013	24.12	ng/ul 99
74) Fluoranthene	19.59	202	5597255	133.55	ng/ul# 53
77) Pyrene	19.94	202	5008810	125.90	ng/ul# 60
80) Benzo(a)anthracene	21.79	228	2832143	76.13	ng/ul# 88
81) Bis(2-ethylhexyl)phthalate	21.68	149	81351	3.48	ng/ul 98
82) Chrysene	21.86	228	2746340	81.25	ng/ul# 87
85) Benzo(b)fluoranthene	24.09	252	3180903	86.93	ng/ul# 89
86) Benzo(k)fluoranthene	24.15	252	1134192	32.06	ng/ul# 91
88) Benzo(a)pyrene	24.98	252	2163901	60.75	ng/ul# 91
89) Indeno(1,2,3-cd)pyrene	28.94	276	1461593	36.27	ng/ul# 87
90) Dibenzo(a,h)anthracene	28.99	278	367819	10.99	ng/ul# 90
91) Benzo(a,h,i)perylene	30.13	276	1161296	34.77	ng/ul# 87

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029237.D
Acq On : 15 Oct 2017 00:14
Operator : SJ/JU
Sample : I5548-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB7

Manual Integrations
APPROVED

Sohil
10/16/2017 7:43:45 PM

Quant Time: Oct 15 03:43:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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