

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043106.D
 Acq On : 01 Dec 2023 04:32
 Operator : MA/JU
 Sample : 05459-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 05:20:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 00:42:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	977m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.605	136	2755	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.450	164	1644m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.203	188	3479m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.406	240	2274m	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	2992m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	3198	2.133	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.222	152	964	0.262	ng/ul	-0.01
18) Fluoranthene-d10	19.238	212	2454	0.296	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.655	128	1543	0.206	ng/ul	98
7) 2-Methylnaphthalene	12.294	142	1240	0.281	ng/ul	96
8) 1-Methylnaphthalene	12.503	142	909	0.185	ng/ul	94
15) Phenanthrene	17.246	178	2549	0.257	ng/ul	100
19) Fluoranthene	19.270	202	1275	0.099	ng/ul#	92
20) Pyrene	19.628	202	2105m	0.154	ng/ul	

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

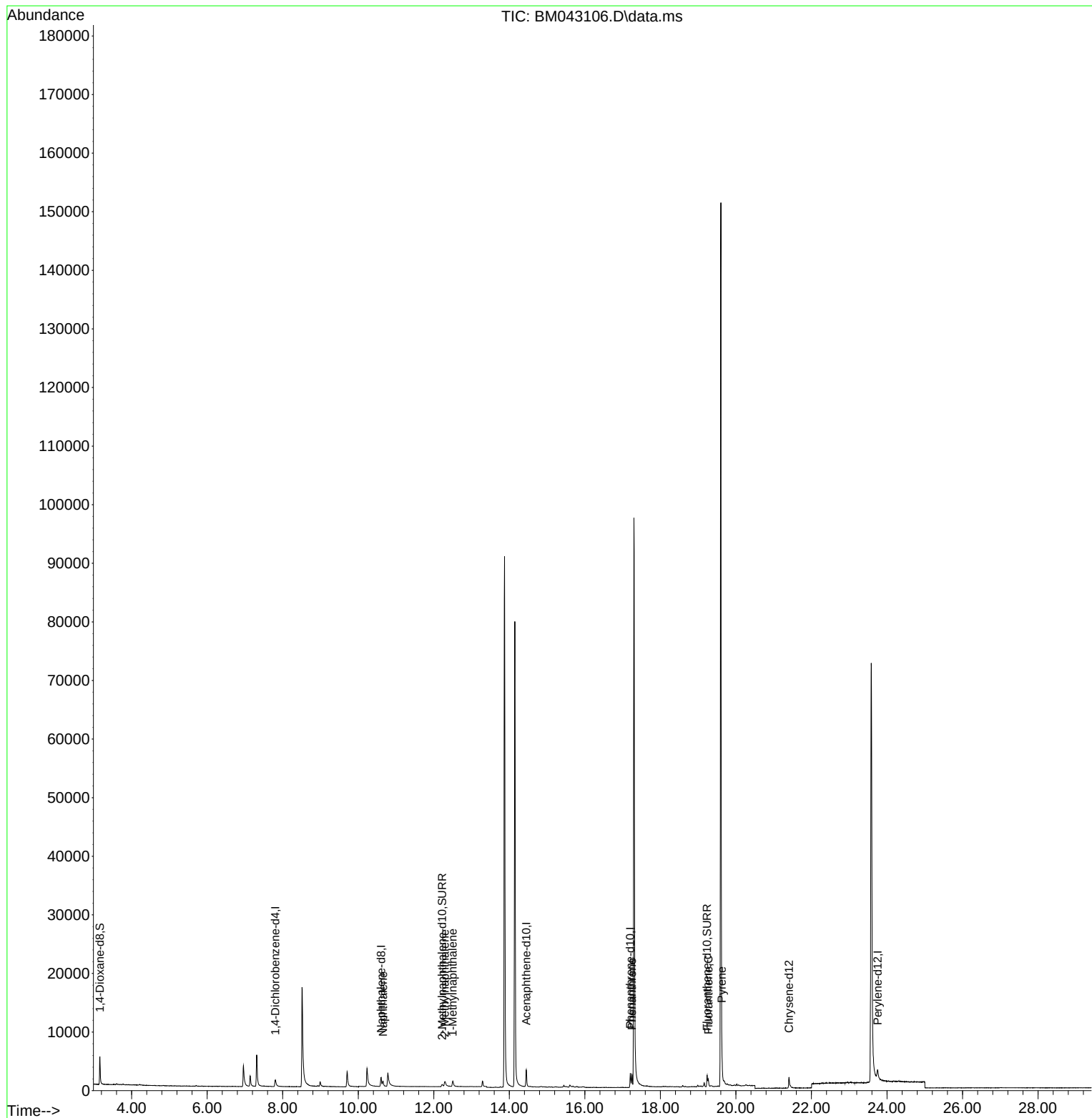
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
Data File : BM043106.D
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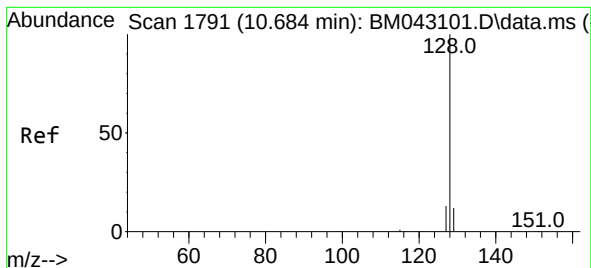
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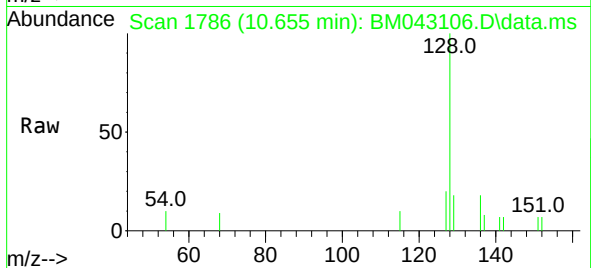
Quant Time: Dec 01 05:20:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
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#5
Naphthalene
Concen: 0.206 ng/u1
RT: 10.655 min Scan# 1786
Delta R.T. -0.034 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32

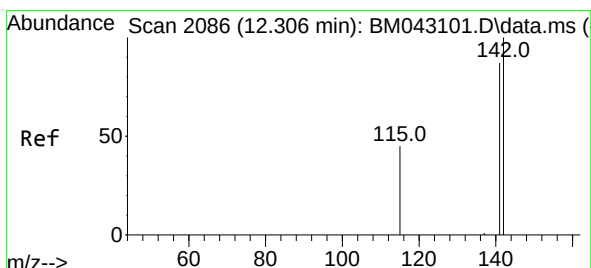
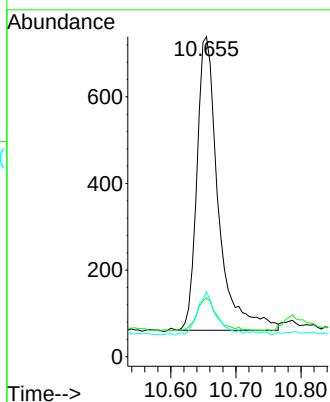
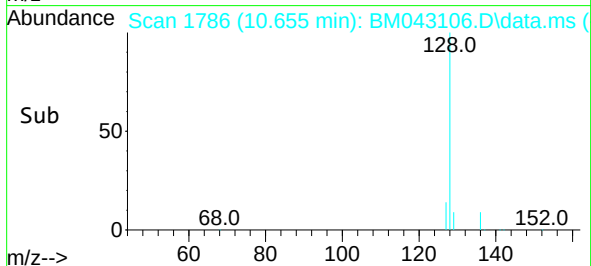
Instrument :
BNA_M
ClientSampleId :
C0AJ2



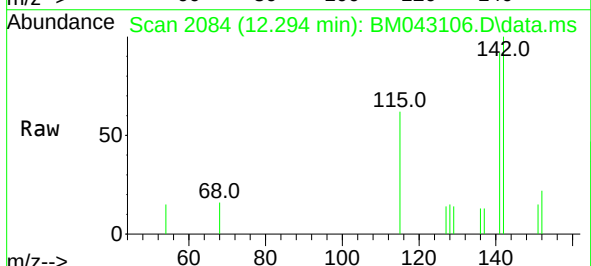
Tgt Ion:128 Resp: 154
Ion Ratio Lower Upper
128 100
129 18.4 16.0 24.0
127 20.3 16.5 24.7

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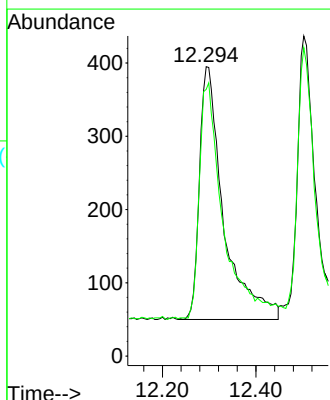
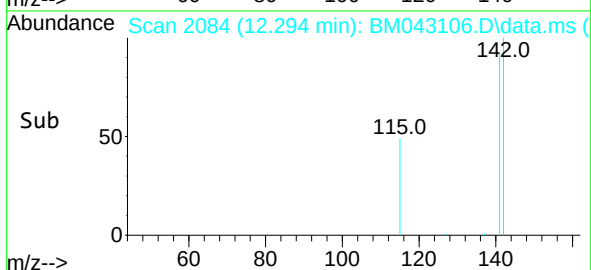
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

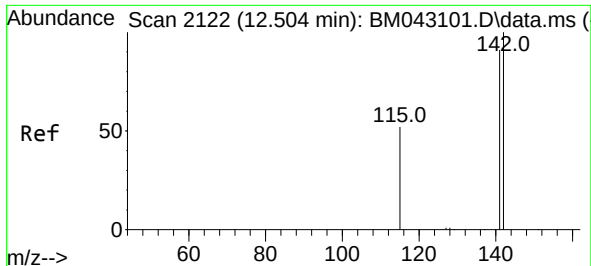


#7
2-Methylnaphthalene
Concen: 0.281 ng/u1
RT: 12.294 min Scan# 2084
Delta R.T. -0.018 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32



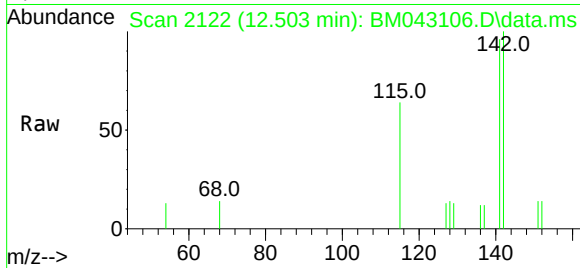
Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 91.6 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.185 ng/ul
RT: 12.503 min Scan# 2122
Delta R.T. -0.007 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32

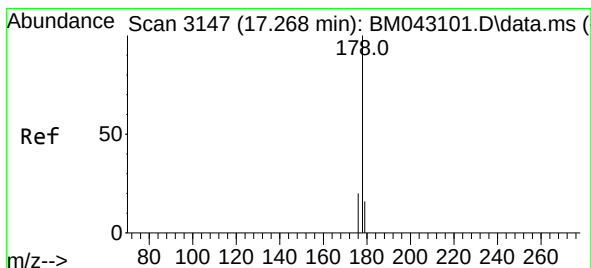
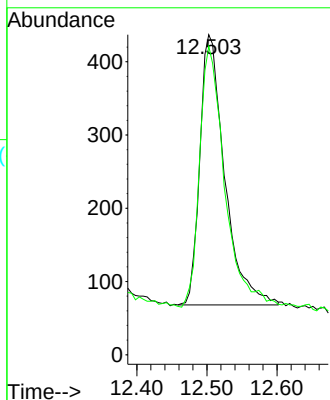
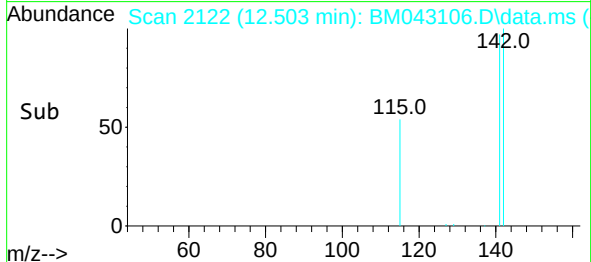
Instrument :
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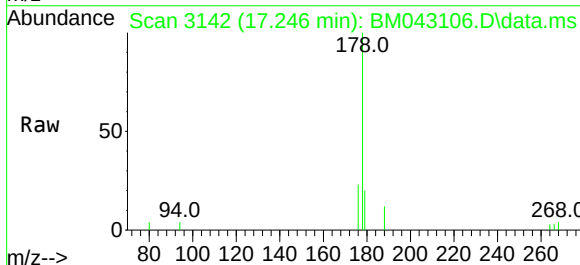
Tgt Ion:142 Resp: 909
Ion Ratio Lower Upper
142 100
141 97.7 73.8 110.8

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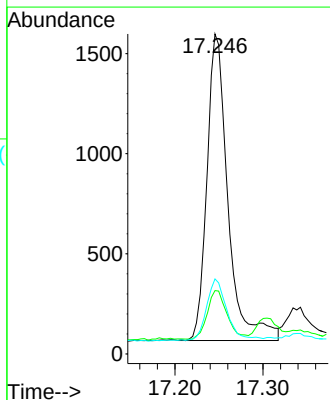
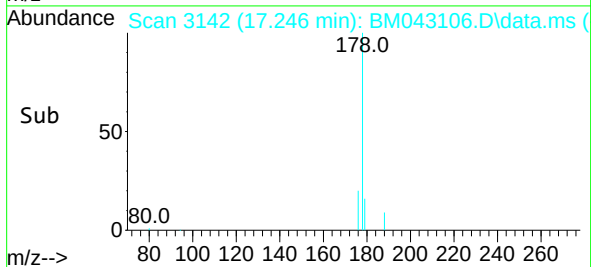
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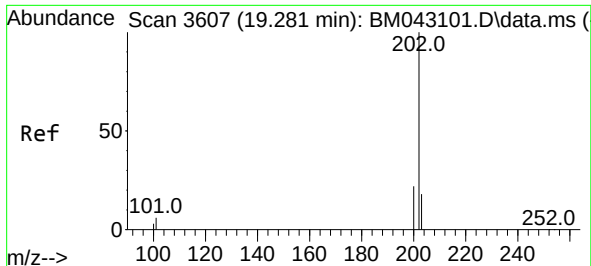


#15
Phenanthrene
Concen: 0.257 ng/ul
RT: 17.246 min Scan# 3142
Delta R.T. -0.026 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32



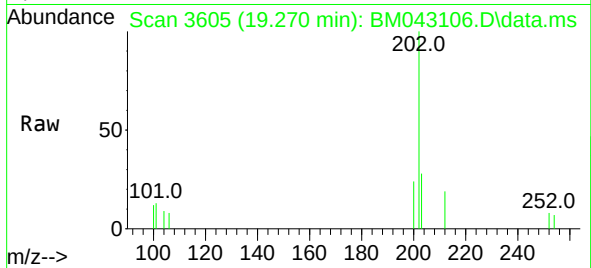
Tgt Ion:178 Resp: 2549
Ion Ratio Lower Upper
178 100
179 19.8 15.7 23.5
176 23.5 18.9 28.3





#19
Fluoranthene
Concen: 0.099 ng/ul
RT: 19.270 min Scan# 3605
Delta R.T. -0.010 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32

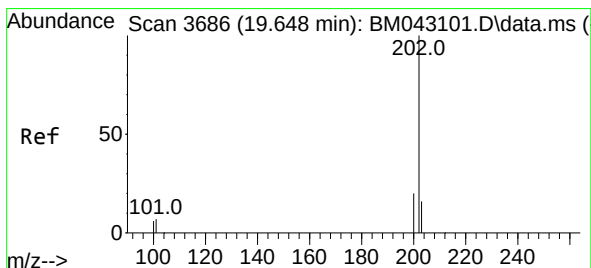
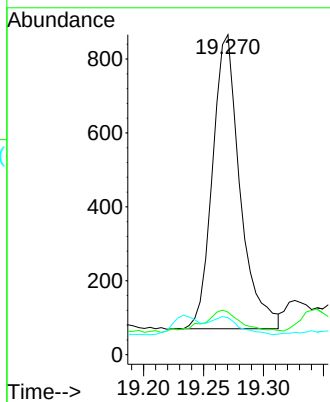
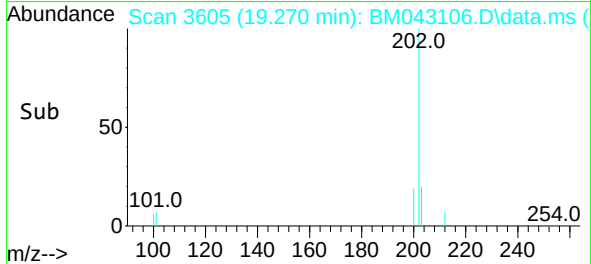
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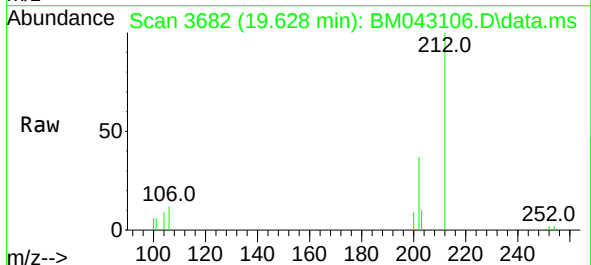
Tgt Ion:202 Resp: 127
Ion Ratio Lower Upper
202 100
101 13.3 7.8 11.8
100 11.5 7.1 10.7

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#20
Pyrene
Concen: 0.154 ng/ul m
RT: 19.628 min Scan# 3682
Delta R.T. -0.020 min
Lab File: BM043106.D
Acq: 01 Dec 2023 04:32



Tgt Ion:202 Resp: 2105
Ion Ratio Lower Upper
202 100
101 15.0 8.7 13.1#
100 16.9 7.8 11.8#

