

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
 Data File : BM007387.D
 Acq On : 03 Sep 2016 02:58
 Operator : UM/SJ
 Sample : H4639-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD381

Quant Time: Sep 03 05:15:19 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 03 01:45:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	174102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	832445	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	592252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1581812	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2216593	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2312620	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	7974	2.34	ng/uL	0.00
5) Phenol-d5	6.96	99	176068	10.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	104520	12.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	141842	11.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	146862	10.24	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	74329	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	84705	11.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	157691	11.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	60609	3.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	617650	12.09	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	717174	12.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	102241	10.60	ng/ul	0.00
57) Fluorene-d10	15.42	176	559225	12.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	99077	9.96	ng/ul	0.00
70) Anthracene-d10	17.27	188	951000	12.87	ng/ul	0.00
76) Pyrene-d10	19.56	212	1334482	14.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1430527	13.43	ng/ul	0.00

Target Compounds

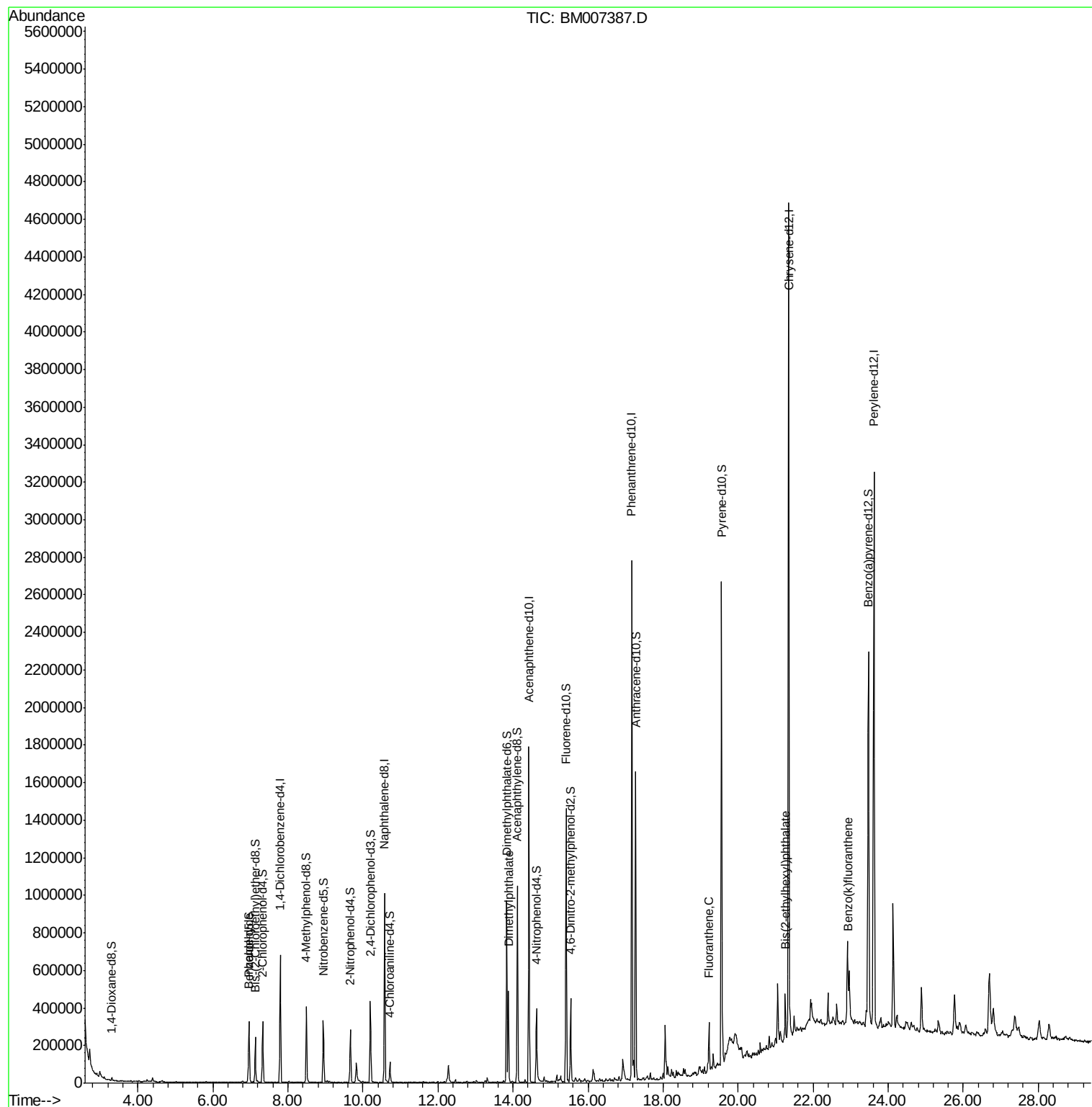
						Qvalue
4) Benzaldehyde	6.95	77	17995	1.92	ng/ul	94
44) Dimethylphthalate	13.88	163	295884	5.81	ng/ul	100
74) Fluoranthene	19.22	202	118516	1.11	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	94538	1.32	ng/ul	99
86) Benzo(k)fluoranthene	22.93	252	131508	1.04	ng/ul	98

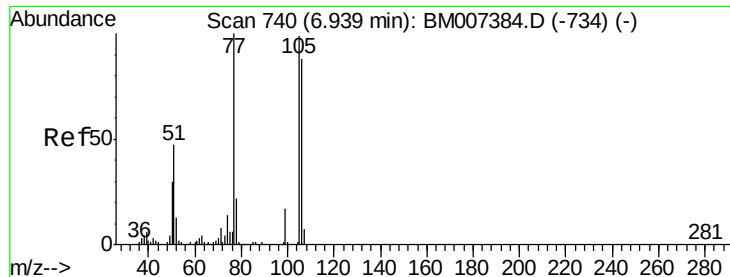
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.92 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. 0.01 min

Lab File: BM007387.D

Acq: 03 Sep 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BD381

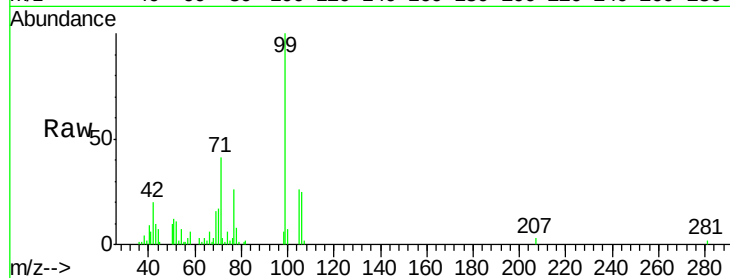
Tgt Ion: 77 Resp: 17995

Ion Ratio Lower Upper

77 100

105 100.6 76.9 115.3

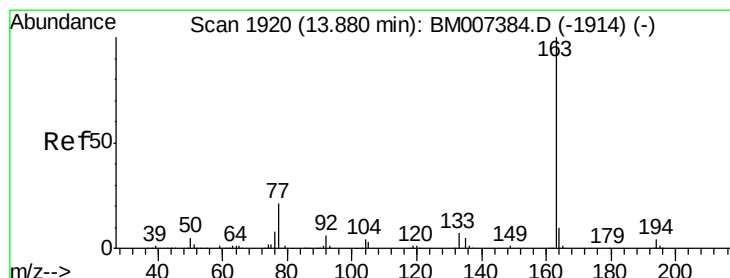
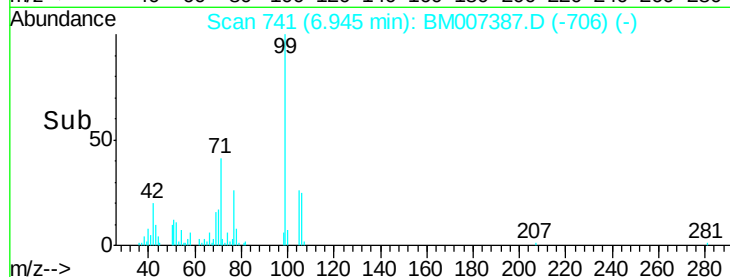
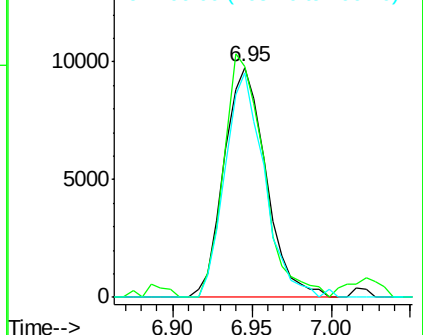
106 97.7 71.8 107.8



Abundance Ion 77.00 (76.70 to 77.70): BM007387.D (-706) (-)

Ion 105.00 (104.70 to 105.70): BM007387.D (-706) (-)

Ion 106.00 (105.70 to 106.70): BM007387.D (-706) (-)



#44

Dimethylphthalate

Concen: 5.81 ng/ul

RT: 13.88 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM007387.D

Acq: 03 Sep 2016 02:58

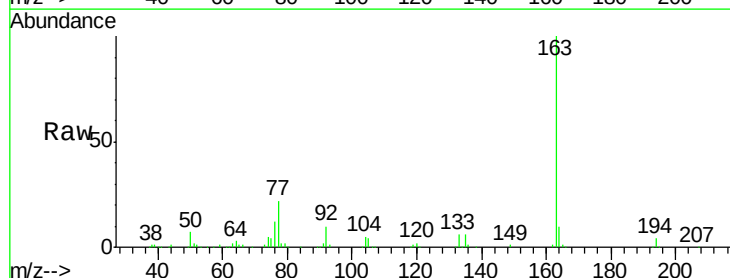
Tgt Ion: 163 Resp: 295884

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

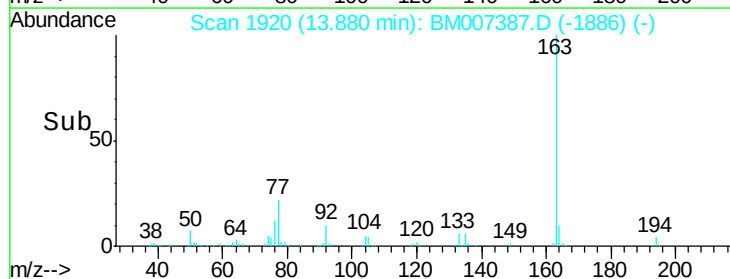
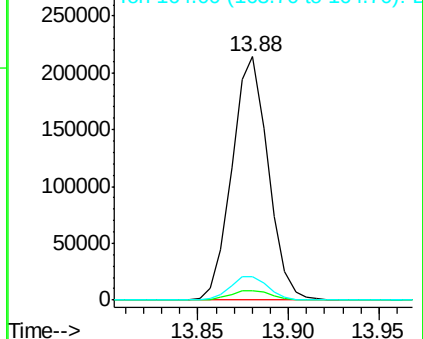
164 9.9 7.8 11.8

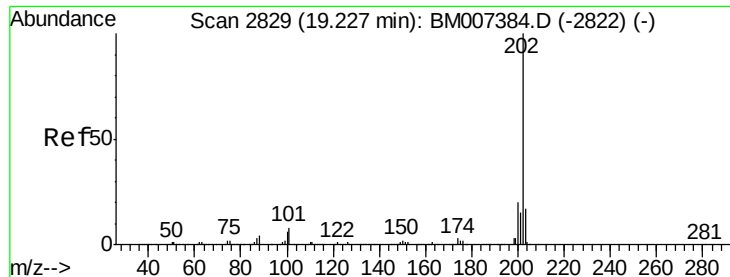


Abundance Ion 163.00 (162.70 to 163.70): BM007387.D (-1886) (-)

Ion 194.00 (193.70 to 194.70): BM007387.D (-1886) (-)

Ion 164.00 (163.70 to 164.70): BM007387.D (-1886) (-)





#74

Fluoranthene

Concen: 1.11 ng/ul

RT: 19.22 min Scan# 2828

Delta R.T. -0.01 min

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BD381

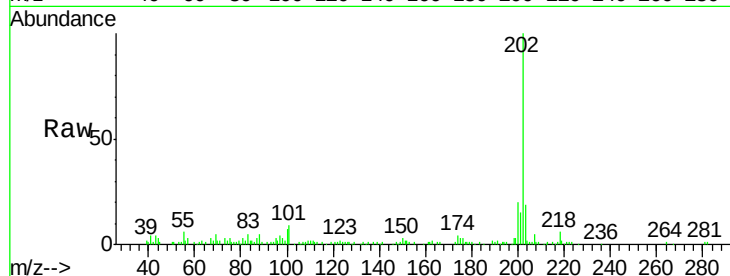
Tgt Ion:202 Resp: 118516

Ion Ratio Lower Upper

202 100

101 8.8 6.9 10.3

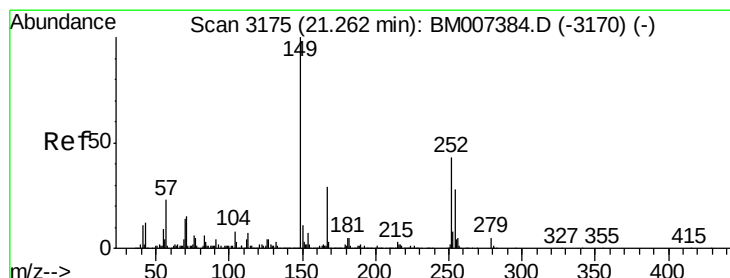
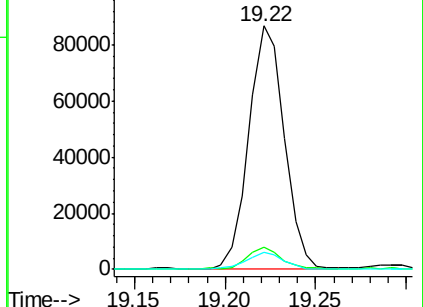
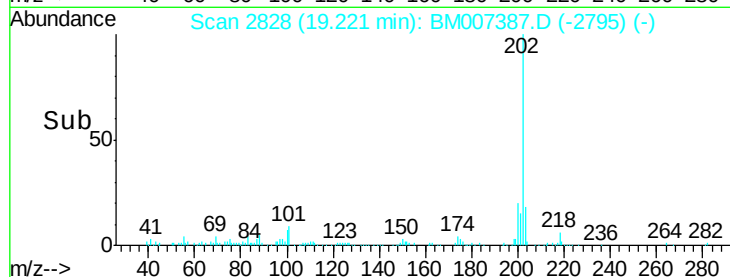
100 7.0 5.4 8.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.32 ng/ul

RT: 21.26 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BM007387.D

Acq: 03 Sep 2016 02:58

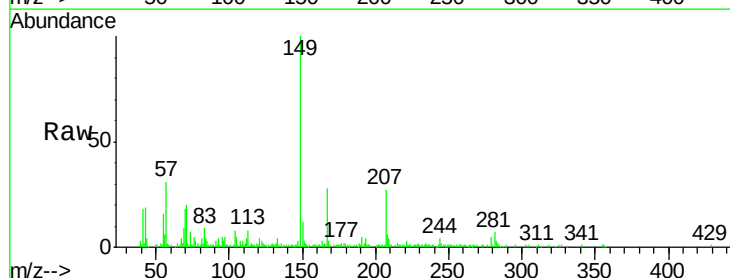
Tgt Ion:149 Resp: 94538

Ion Ratio Lower Upper

149 100

167 28.1 23.2 34.8

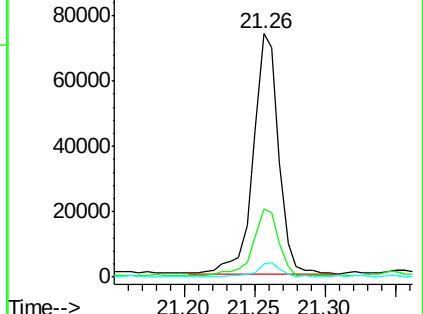
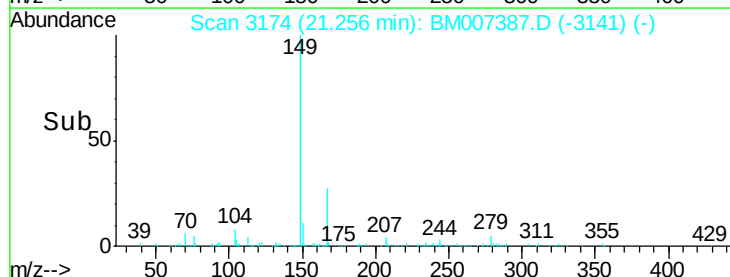
279 5.2 4.1 6.1

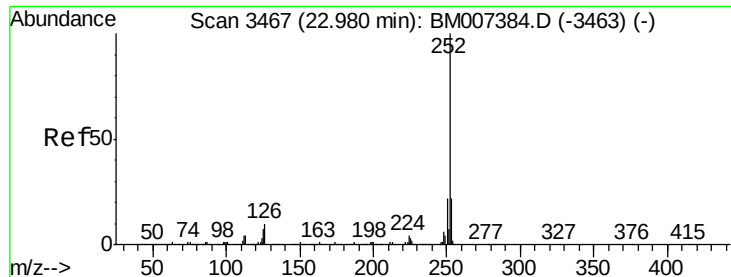


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Benzo(k)fluoranthene

Concen: 1.04 ng/ul

RT: 22.93 min Scan# 3459

Delta R.T. -0.05 min

Lab File: BM007387.D

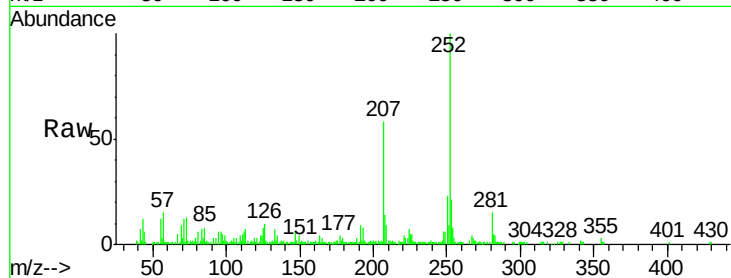
Acq: 03 Sep 2016 02:58

Instrument :

BNA_M

ClientSampleId :

BD381



Tgt Ion: 252 Resp: 131508

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

125 8.2 5.7 8.5

