

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032818\
 Data File : BE095901.D
 Acq On : 29 Mar 2018 5:39
 Operator : SJ/JU
 Sample : J2060-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 29 07:01:35 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 29 07:00:13 2018
 Response via : Initial Calibration

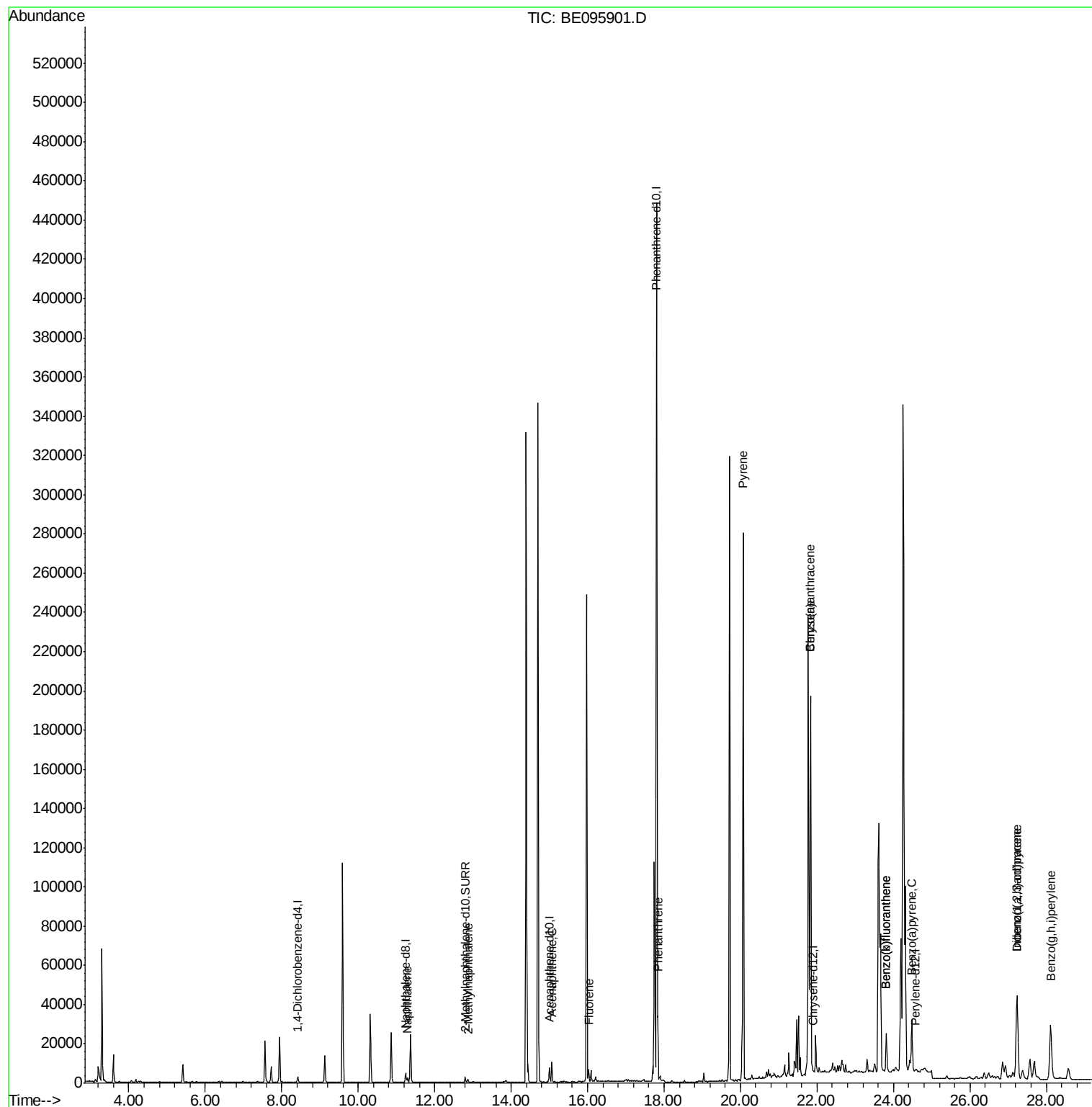
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	2055	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	6296	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	4152	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.80	188	524319	0.40	ng/ul	0.10
16) Chrysene-d12	21.91	240	95	0.40	ng/ul	0.12
20) Perylene-d12	24.56	264	786	0.40	ng/ul	0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	3175	0.30	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds					Ovalue	
3) Naphthalene	11.29	128	2991	0.170	ng/ul#	92
5) 2-Methylnaphthalene	12.87	142	1221	0.100	ng/ul	99
8) Acenaphthene	15.06	153	5912	0.374	ng/ul	94
9) Fluorene	16.03	166	4121	0.241	ng/ul	92
12) Phenanthrene	17.84	178	32265	0.021	ng/ul#	89
17) Pyrene	20.07	202	364125	1009.418	ng/ul#	77
18) Benzo(a)anthracene	21.83	228	201507	657.391	ng/ul#	83
19) Chrysene	21.83	228	201431	645.405	ng/ul	97
21) Benzo(b)fluoranthene	23.81	252	27156	9.974	ng/ul	97
22) Benzo(k)fluoranthene	23.81	252	27154	10.492	ng/ul	99
23) Benzo(a)pyrene	24.48	252	38726	15.579	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.23	276	78411	28.447	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.23	278	21248	9.641	ng/ul	96
26) Benzo(g,h,i)perylene	28.11	276	67097	28.337	ng/ul#	93

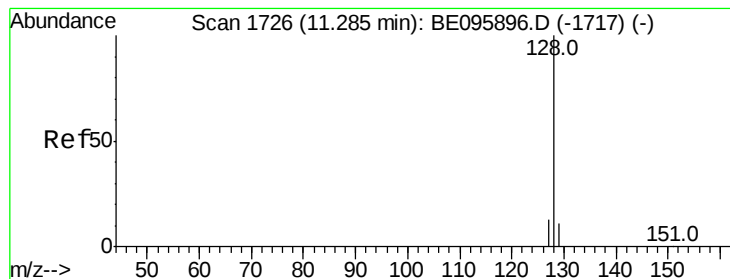
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 29 07:00:13 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.170 ng/ul

RT: 11.29 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

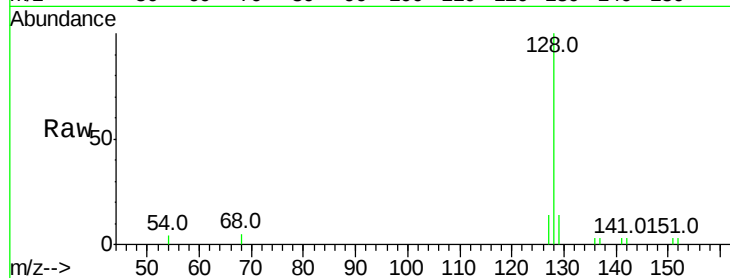
Tot Ion:128 Resp: 2991

Ion Ratio Lower Upper

128 100

129 13.7 11.3 16.9

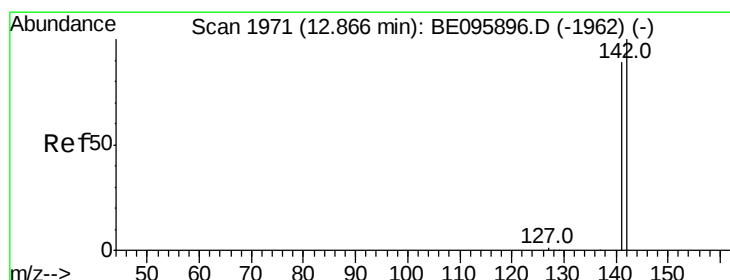
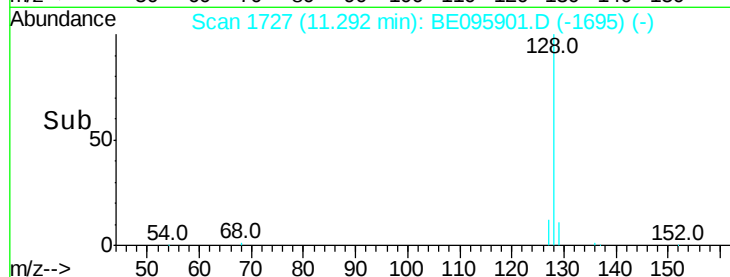
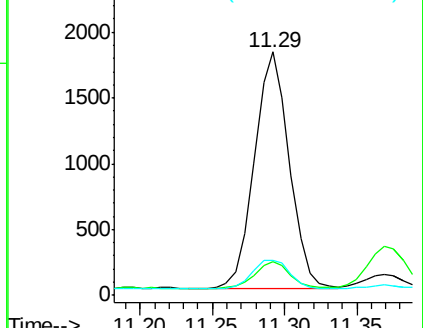
127 14.5 4.0 6.0#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.100 ng/ul

RT: 12.87 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BE095901.D

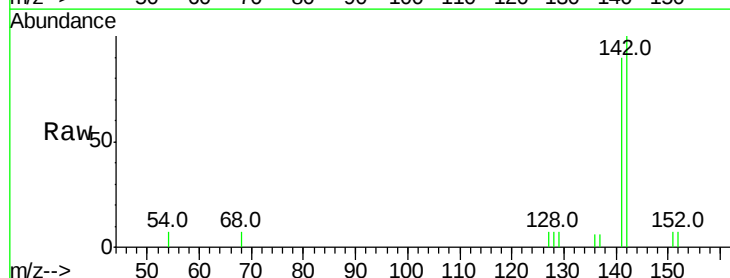
Acq: 29 Mar 2018 5:39

Tgt Ion:142 Resp: 1221

Ion Ratio Lower Upper

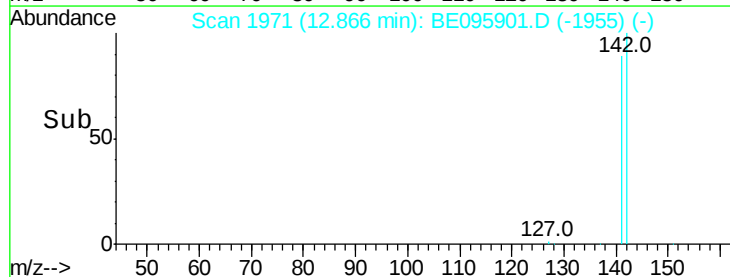
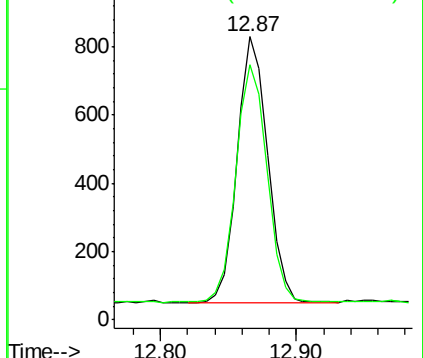
142 100

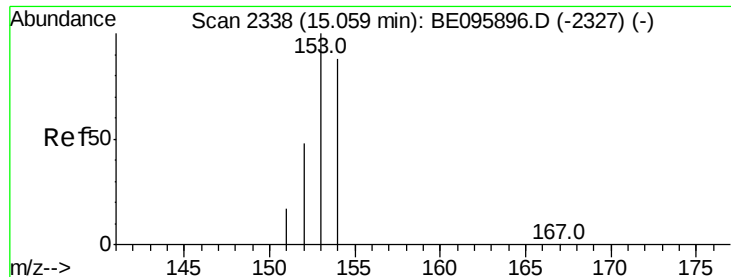
141 91.6 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.374 ng/ul

RT: 15.06 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

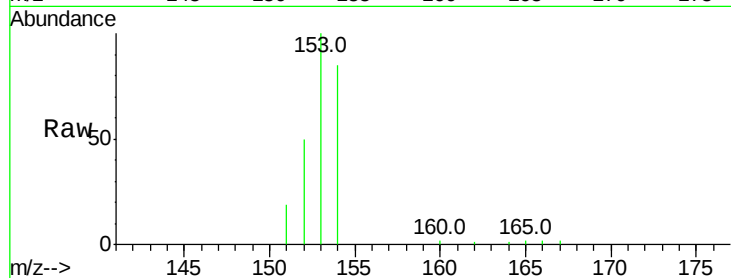
Tot Ion:153 Resp: 5912

Ion Ratio Lower Upper

153 100

152 49.7 36.0 54.0

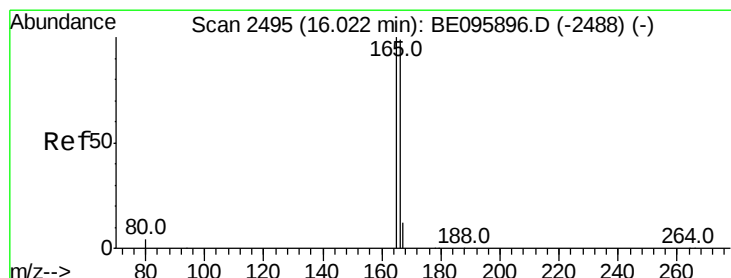
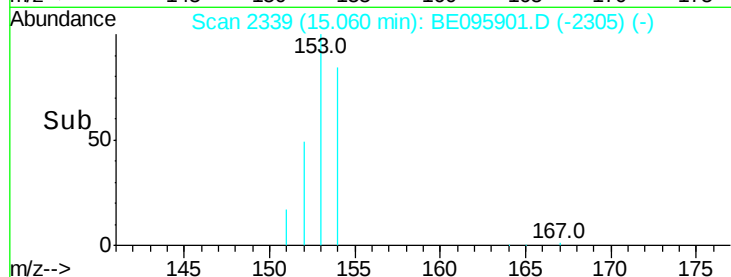
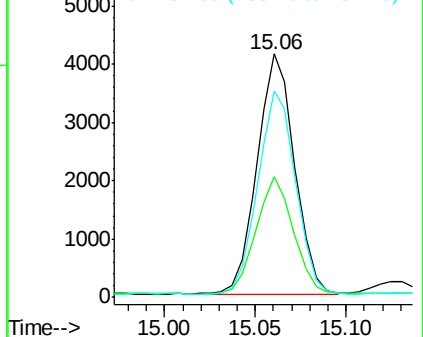
154 84.9 72.0 108.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.241 ng/ul

RT: 16.03 min Scan# 2497

Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

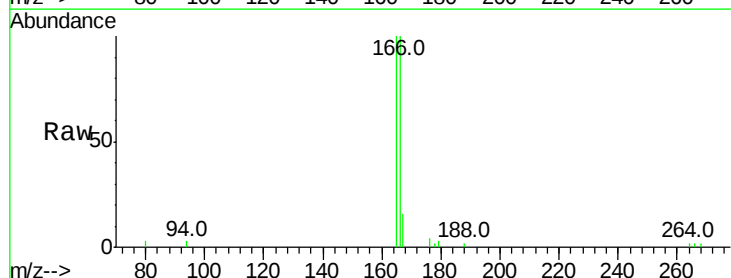
Tgt Ion:166 Resp: 4121

Ion Ratio Lower Upper

166 100

165 99.7 73.4 110.2

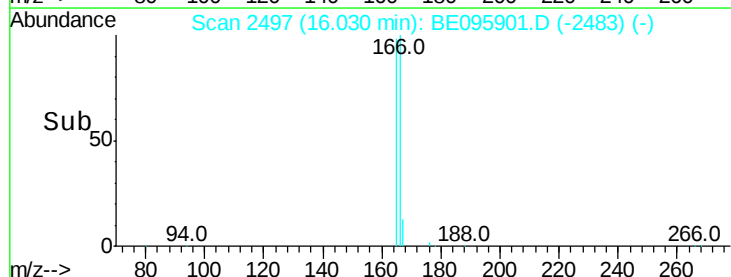
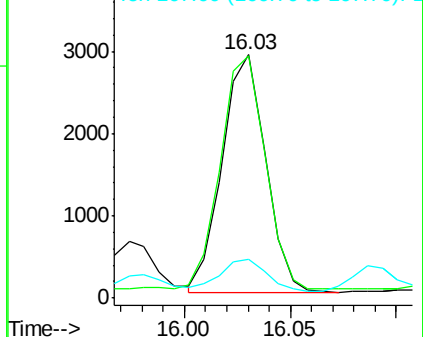
167 15.9 14.6 22.0

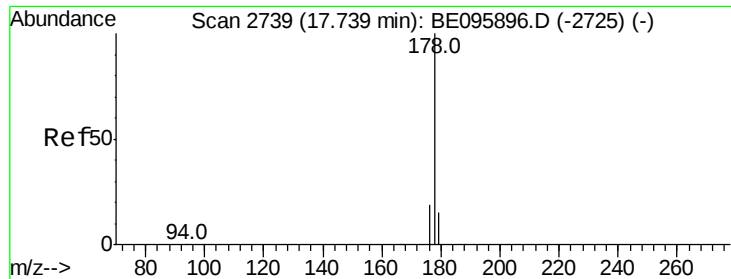


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.021 ng/ul

RT: 17.84 min Scan# 2754

Delta R.T. 0.10 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

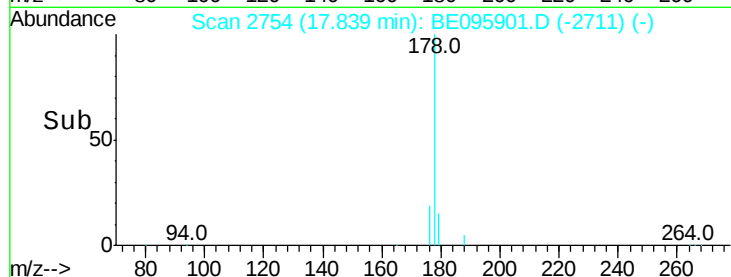
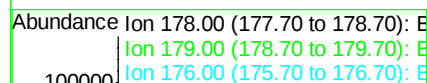
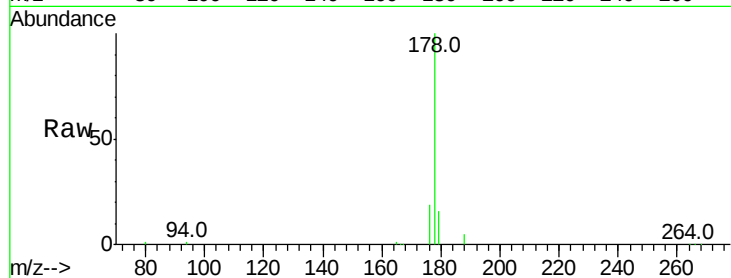
Tot Ion:178 Resp: 32265

Ion Ratio Lower Upper

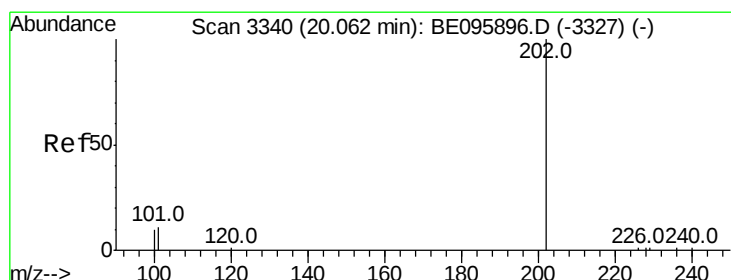
178 100

179 15.8 18.4 27.6#

176 19.1 13.6 20.4



Time-->



#17

Pyrene

Concen: 1009.418 ng/ul

RT: 20.07 min Scan# 3342

Delta R.T. 0.01 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

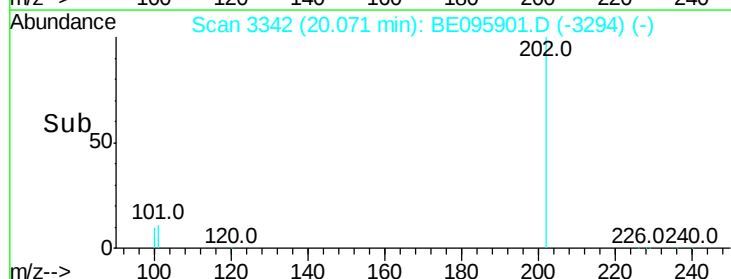
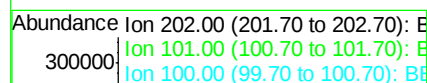
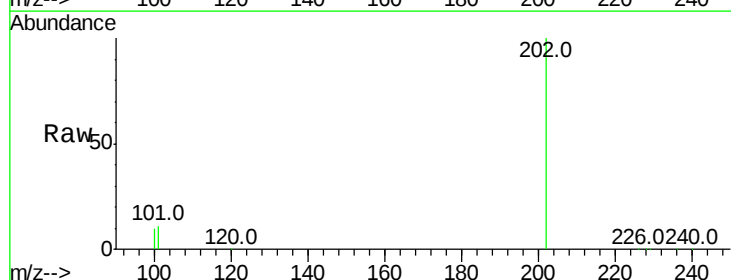
Tgt Ion:202 Resp: 364125

Ion Ratio Lower Upper

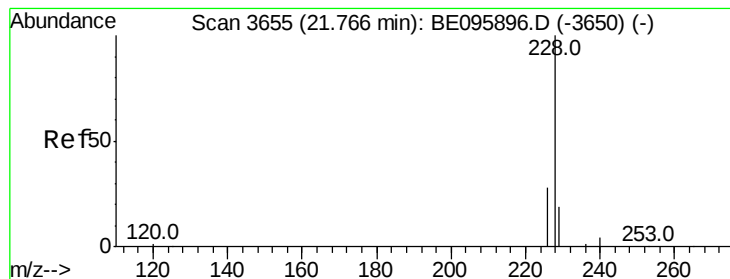
202 100

101 10.8 18.2 27.4#

100 9.5 15.6 23.4#



Time-->



#18

Benzo(a)anthracene

Concen: 657.391 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.06 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

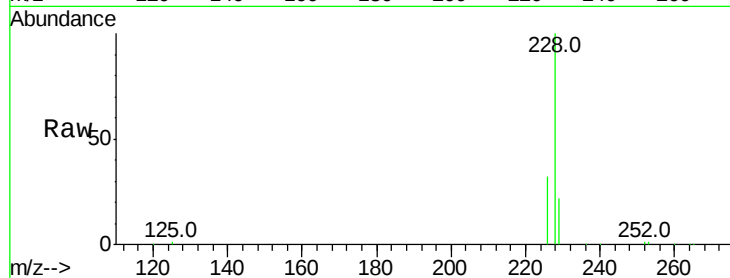
Tot Ion:228 Resp: 201507

Ion Ratio Lower Upper

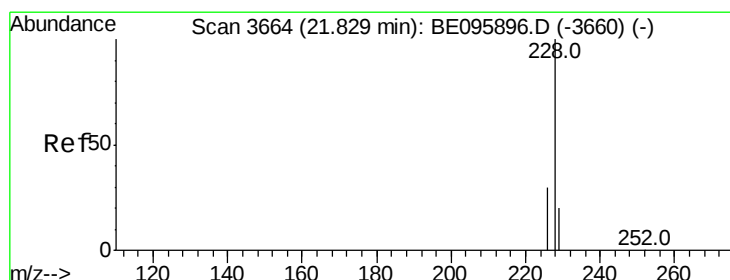
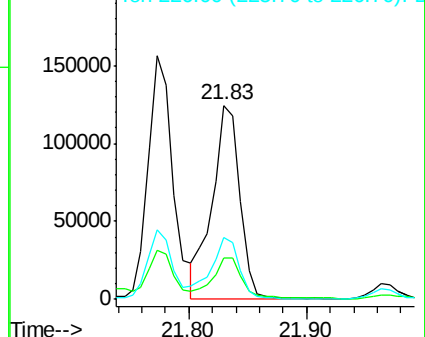
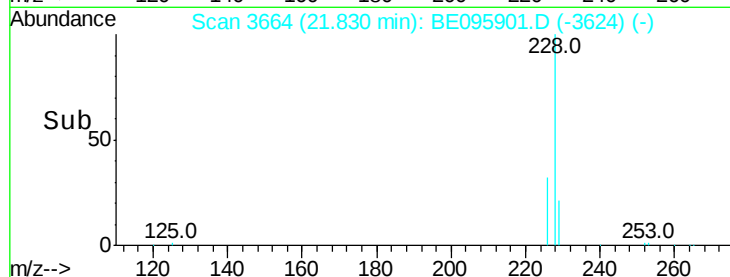
228 100

229 21.6 22.8 34.2#

226 31.9 17.0 25.6#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 645.405 ng/ul

RT: 21.83 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

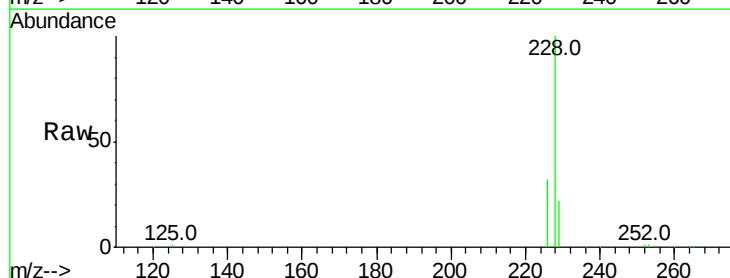
Tgt Ion:228 Resp: 201431

Ion Ratio Lower Upper

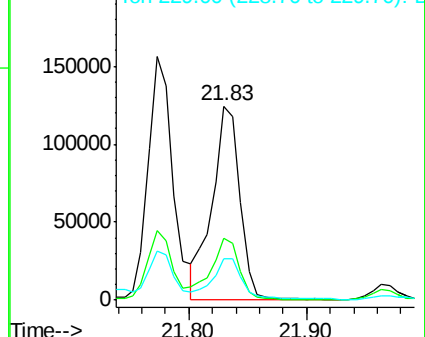
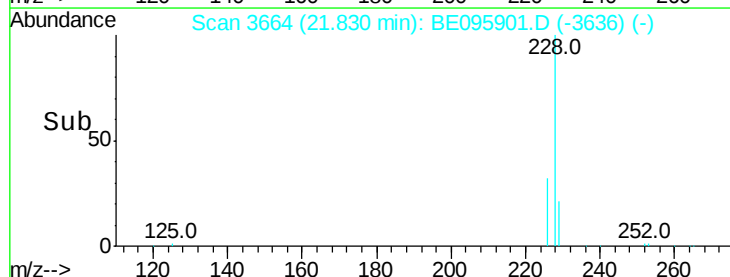
228 100

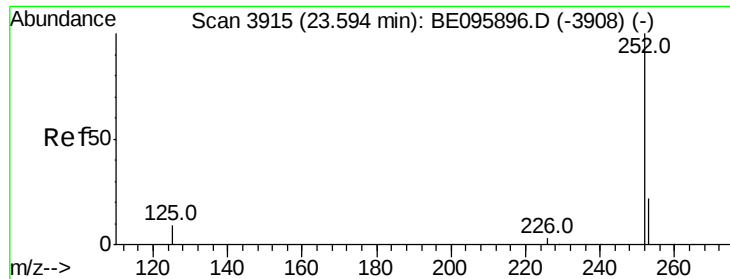
226 31.9 23.4 35.0

229 21.6 17.7 26.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 9.974 ng/ul

RT: 23.81 min Scan# 3946

Delta R.T. 0.22 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

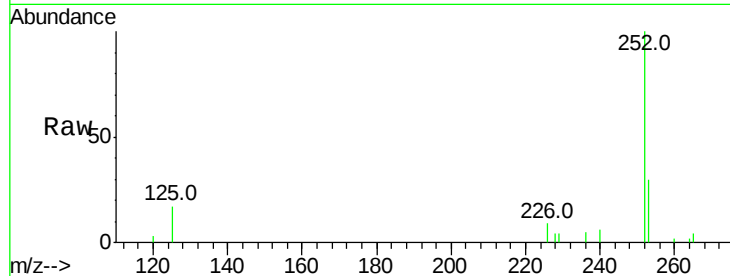
Tot Ion:252 Resp: 27156

Ion Ratio Lower Upper

252 100

253 29.7 0.0 64.2

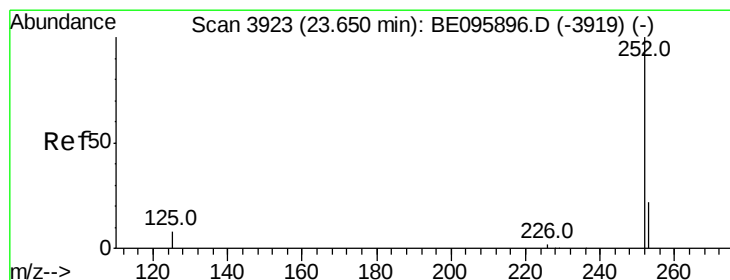
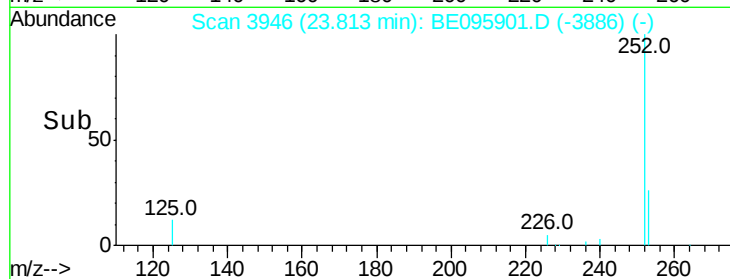
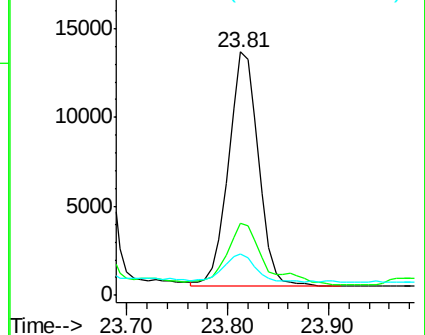
125 17.0 0.0 35.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 10.492 ng/ul

RT: 23.81 min Scan# 3946

Delta R.T. 0.16 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

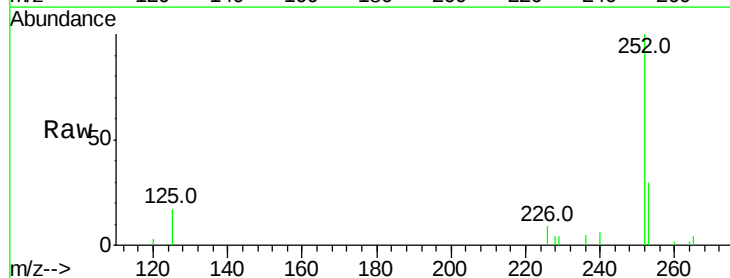
Tgt Ion:252 Resp: 27154

Ion Ratio Lower Upper

252 100

253 29.7 24.5 36.7

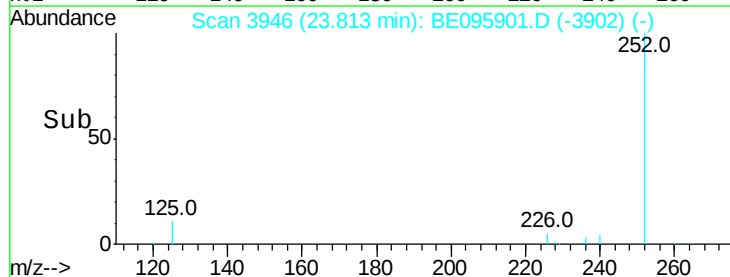
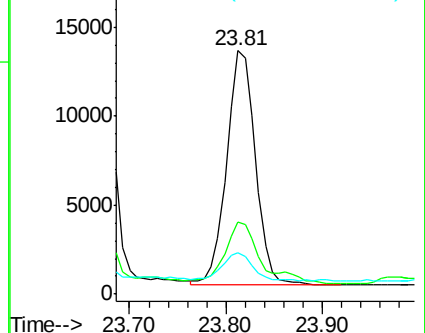
125 17.0 13.7 20.5

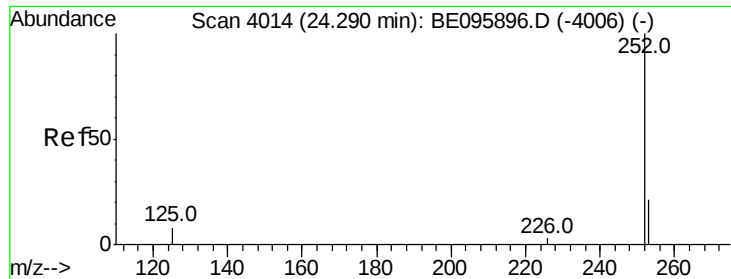


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.579 ng/ul

RT: 24.48 min Scan# 4041

Delta R.T. 0.19 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

Instrument :

BNA_E

ClientSampleId :

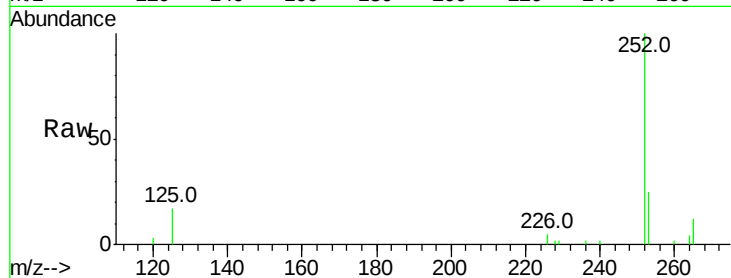
Tot Ion:252 Resp: 38726

Ion Ratio Lower Upper

252 100

253 25.1 28.5 42.7#

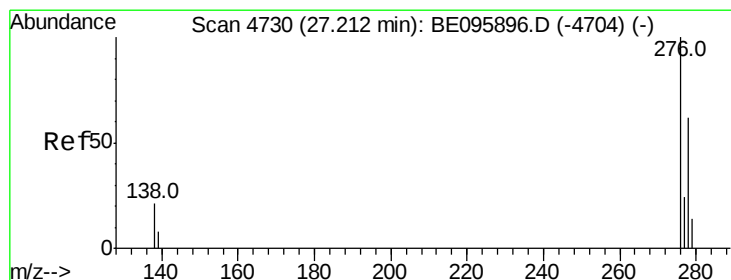
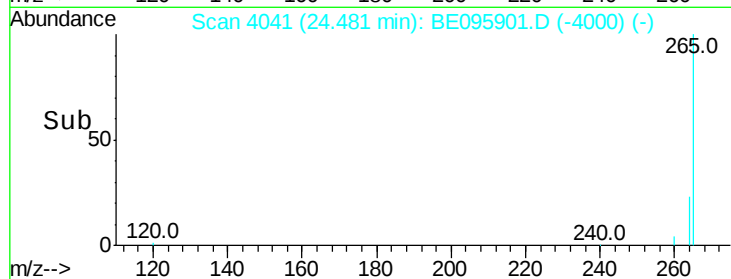
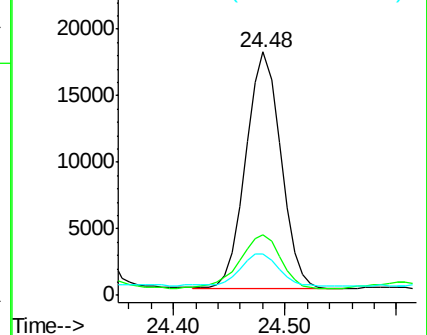
125 17.3 18.1 27.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 28.447 ng/ul

RT: 27.23 min Scan# 4735

Delta R.T. 0.02 min

Lab File: BE095901.D

Acq: 29 Mar 2018 5:39

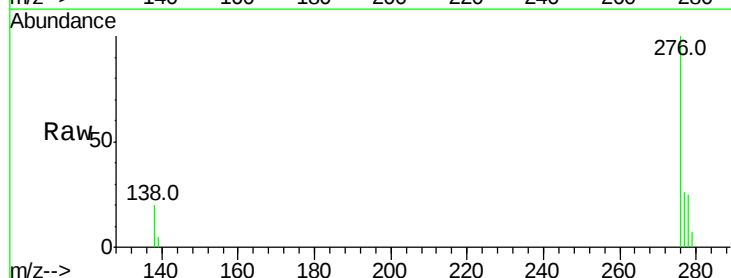
Tgt Ion:276 Resp: 78411

Ion Ratio Lower Upper

276 100

138 19.2 28.0 42.0#

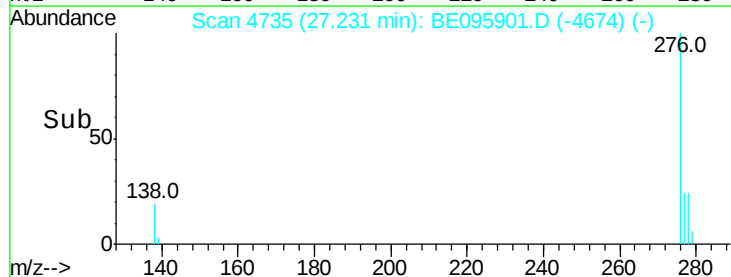
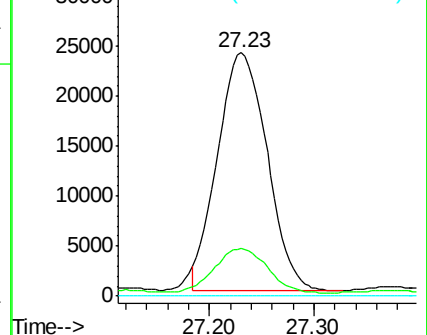
227 0.0 8.0 12.0#

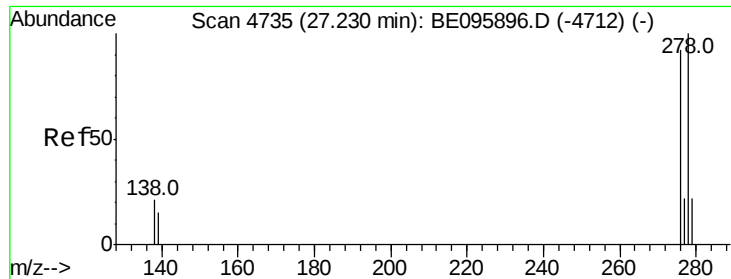


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



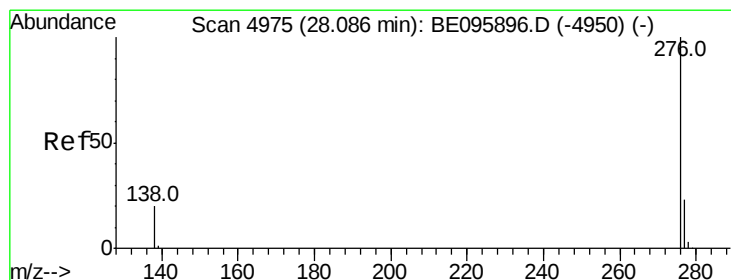
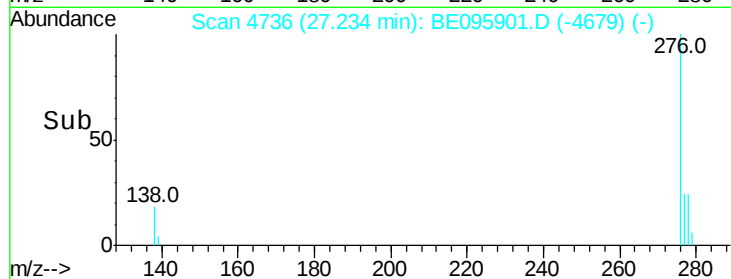
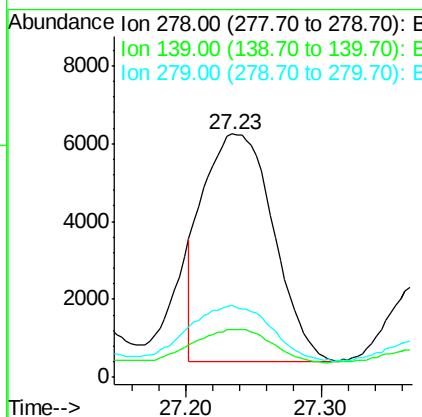
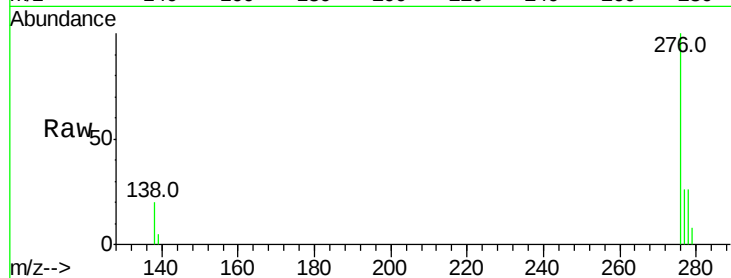


#25
Dibenzo(a,h)anthracene
Concen: 9.641 ng/ul
RT: 27.23 min Scan# 4736
Delta R.T. 0.00 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 21248

Ion	Ratio	Lower	Upper
278	100		
139	19.8	17.4	26.0
279	29.7	25.9	38.9



#26
Benzo(g,h,i)perylene
Concen: 28.337 ng/ul
RT: 28.11 min Scan# 4982
Delta R.T. 0.03 min
Lab File: BE095901.D
Acq: 29 Mar 2018 5:39

Tgt Ion:276 Resp: 67097

Ion	Ratio	Lower	Upper
276	100		
138	20.2	21.8	32.8#
277	25.3	20.5	30.7

