

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096187.D
 Acq On : 26 Apr 2018 19:56
 Operator : SJ/JU
 Sample : J2449-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Apr 27 05:00:38 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

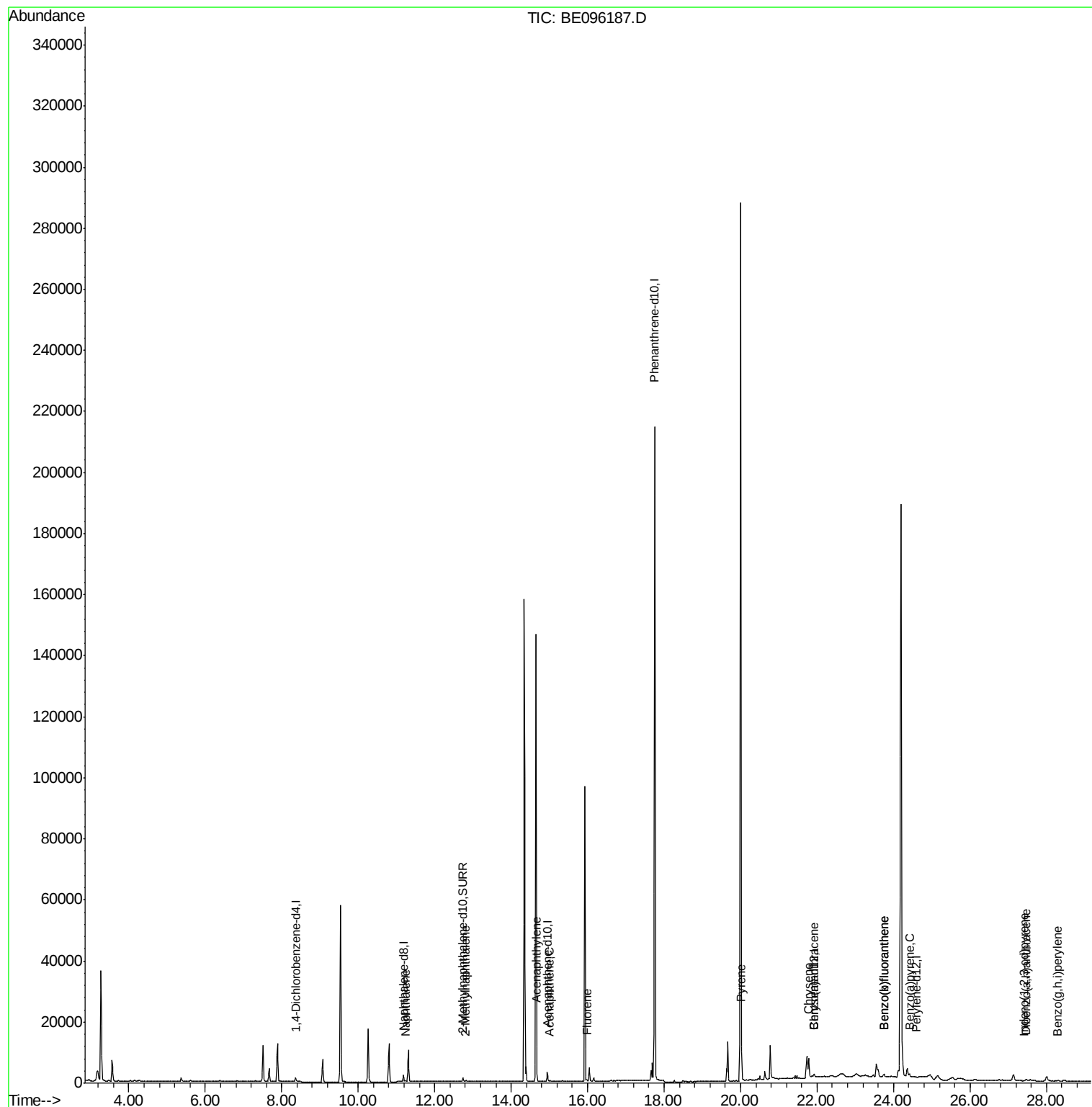
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	722	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2957	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1717	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	254311	0.40	ng/ul	0.10
16) Chrysene-d12	21.92	240	20	0.40	ng/ul	0.18
20) Perylene-d12	24.59	264	9	0.40	ng/ul	0.23
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1571	0.29	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	11.23	128	530	0.064	ng/ul#	68
5) 2-Methylnaphthalene	12.81	142	333	0.060	ng/ul	96
7) Acenaphthylene	14.68	152	316	0.036	ng/ul#	46
8) Acenaphthene	15.01	153	222	0.035	ng/ul#	81
9) Fluorene	15.98	166	334	0.040	ng/ul#	81
17) Pyrene	20.02	202	8956	223.213	ng/ul#	80
18) Benzo(a)anthracene	21.93	228	1098	18.134	ng/ul#	48
19) Chrysene	21.79	228	4820	86.629	ng/ul	92
21) Benzo(b)fluoranthene	23.76	252	1297	38.059	ng/ul#	49
22) Benzo(k)fluoranthene	23.76	252	1297	39.812	ng/ul#	46
23) Benzo(a)pyrene	24.42	252	1369	46.241	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	27.42	276	6	0.150	ng/ul#	1
25) Dibenzo(a,h)anthracene	27.46	278	683	20.448	ng/ul#	41
26) Benzo(g,h,i)perylene	28.27	276	68	1.958	ng/ul#	1

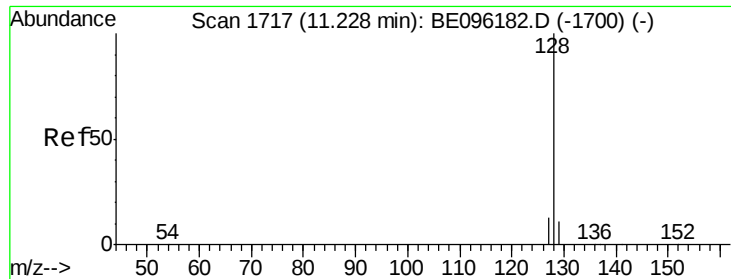
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.064 ng/ul

RT: 11.23 min Scan# 1717

Delta R.T. 0.00 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampled :

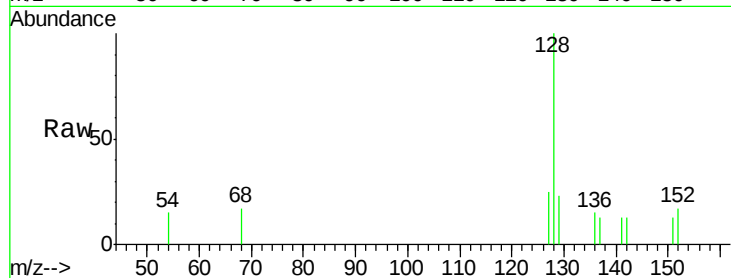
Tot Ion:128 Resp: 530

Ion Ratio Lower Upper

128 100

129 23.4 11.3 16.9#

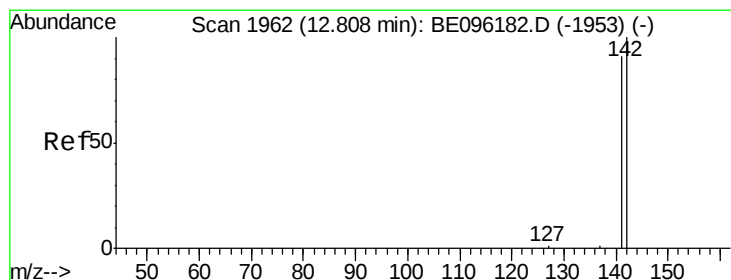
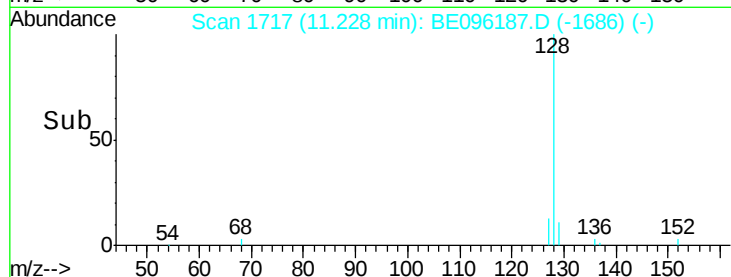
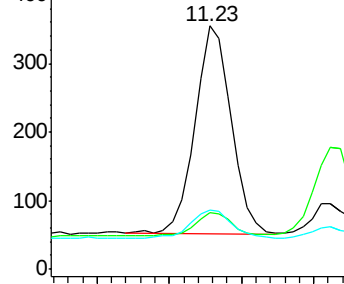
127 24.5 4.0 6.0#



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: 0.060 ng/ul

RT: 12.81 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BE096187.D

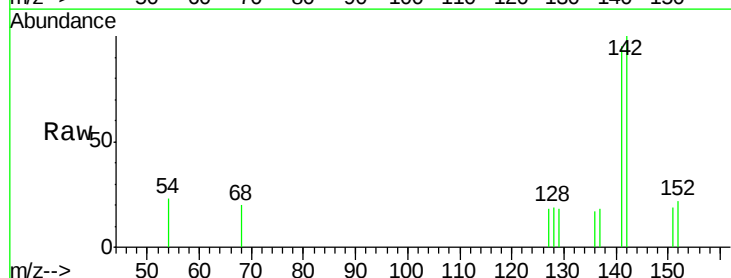
Acq: 26 Apr 2018 19:56

Tgt Ion:142 Resp: 333

Ion Ratio Lower Upper

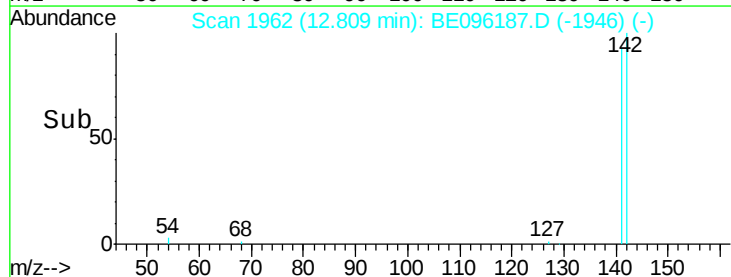
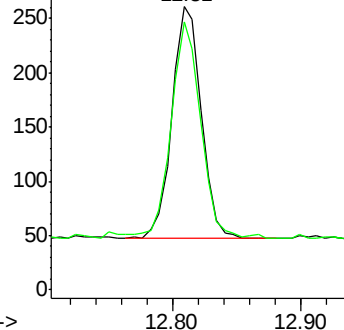
142 100

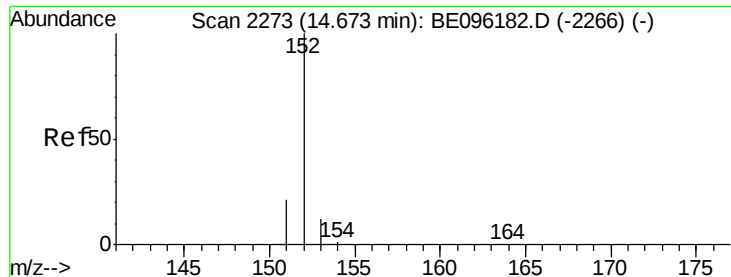
141 94.9 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.036 ng/ul

RT: 14.68 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BE096187.D

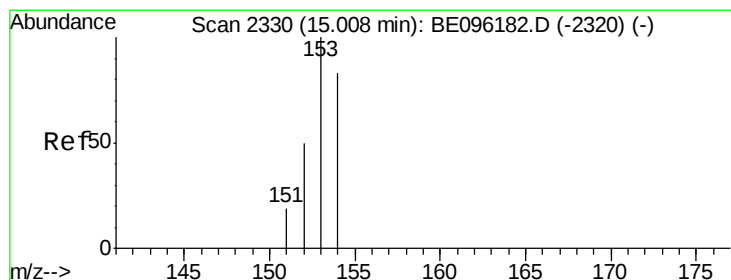
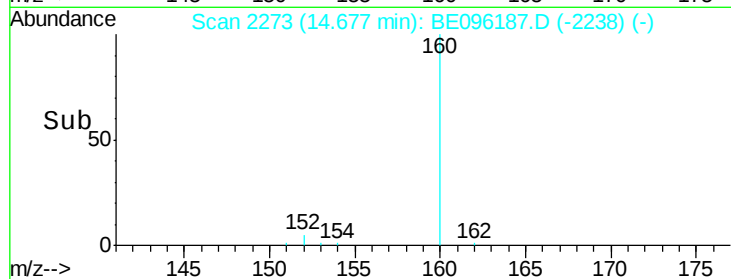
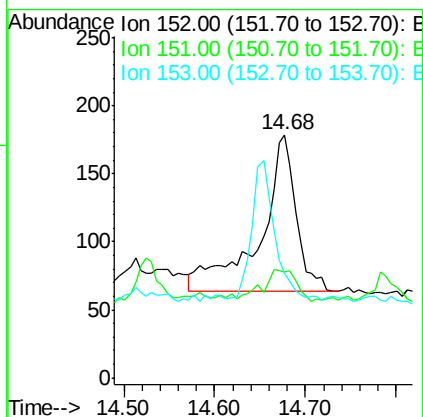
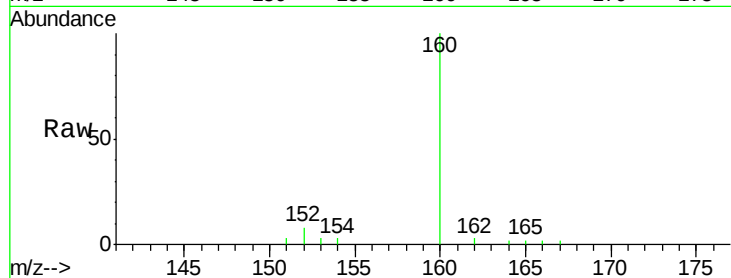
Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampleId :

Tot Ion:	152	Resp:	316
Ion	Ratio	Lower	Upper
152	100		
151	43.6	17.1	25.7#
153	43.0	12.8	19.2#



#8

Acenaphthene

Concen: 0.035 ng/ul

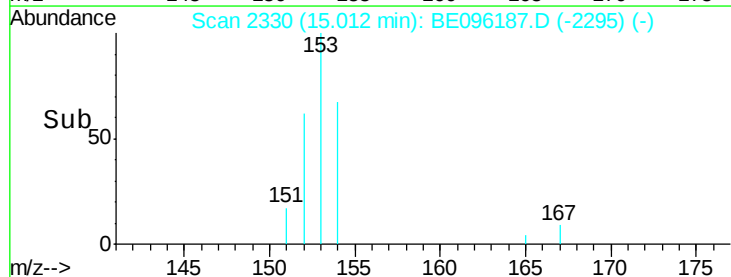
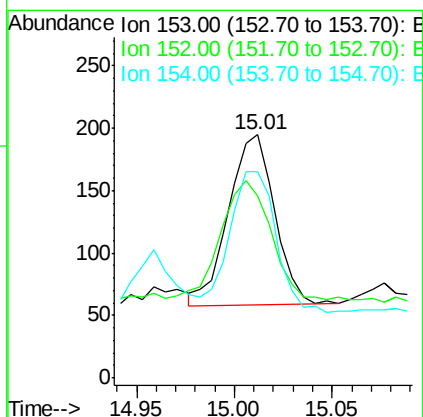
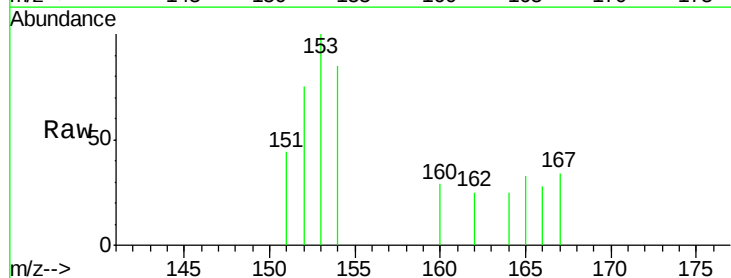
RT: 15.01 min Scan# 2330

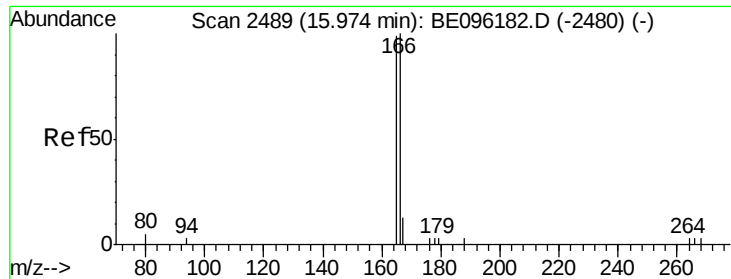
Delta R.T. 0.00 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Tgt Ion:	153	Resp:	222
Ion	Ratio	Lower	Upper
153	100		
152	74.9	36.0	54.0#
154	84.6	72.0	108.0





#9

Fluorene

Concen: 0.040 ng/ul

RT: 15.98 min Scan# 2489

Delta R.T. 0.01 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampleId :

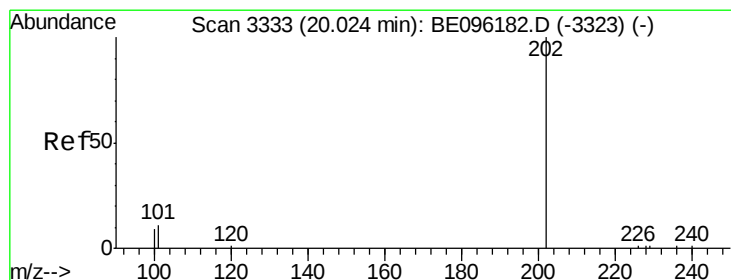
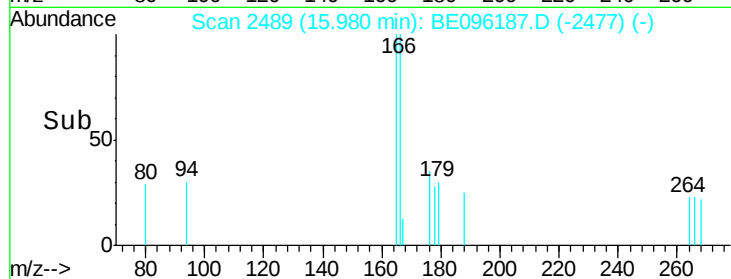
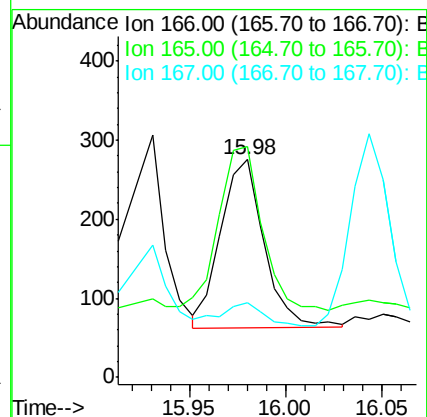
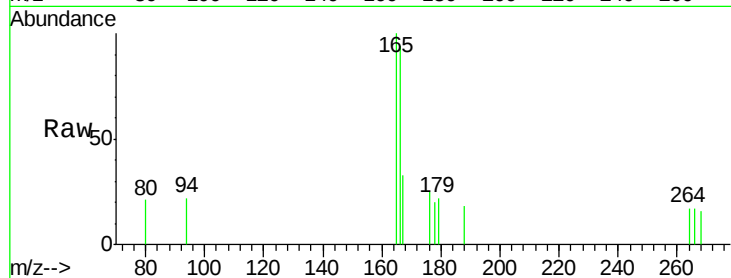
Tot Ion:166 Resp: 334

Ion Ratio Lower Upper

166 100

165 106.2 73.4 110.2

167 34.5 14.6 22.0#



#17

Pyrene

Concen: 223.213 ng/ul

RT: 20.02 min Scan# 3332

Delta R.T. -0.00 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

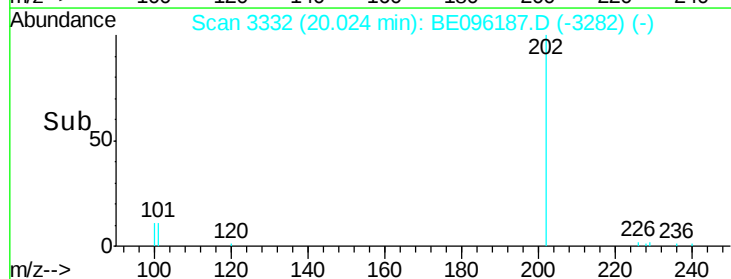
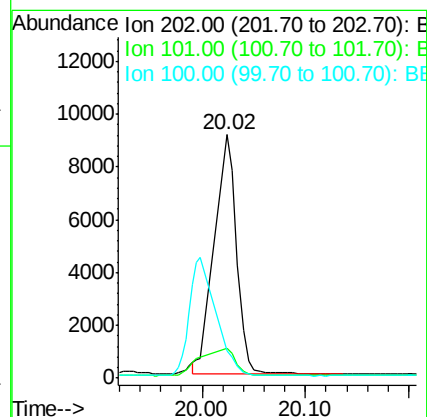
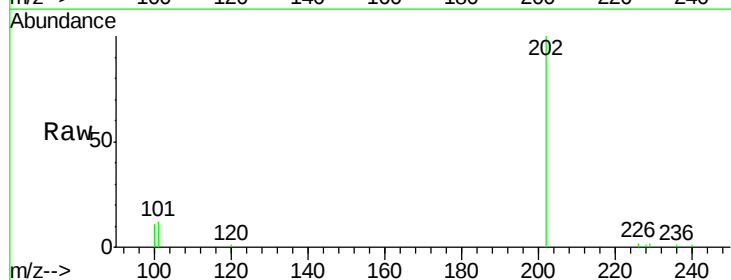
Tgt Ion:202 Resp: 8956

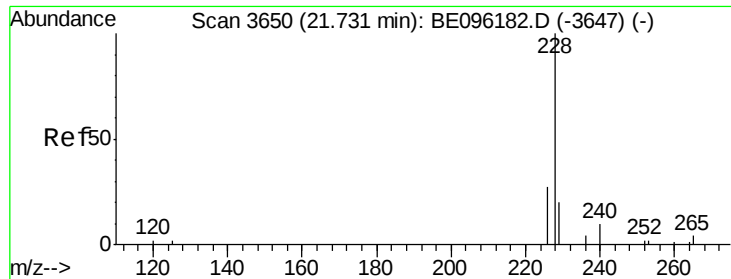
Ion Ratio Lower Upper

202 100

101 12.2 18.2 27.4#

100 11.4 15.6 23.4#





#18

Benzo(a)anthracene

Concen: 18.134 ng/ul

RT: 21.93 min Scan# 3677

Delta R.T. 0.20 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampleId :

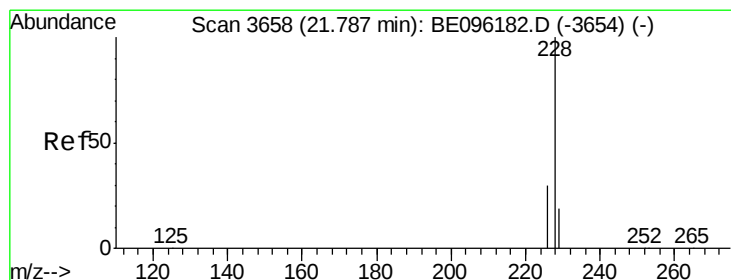
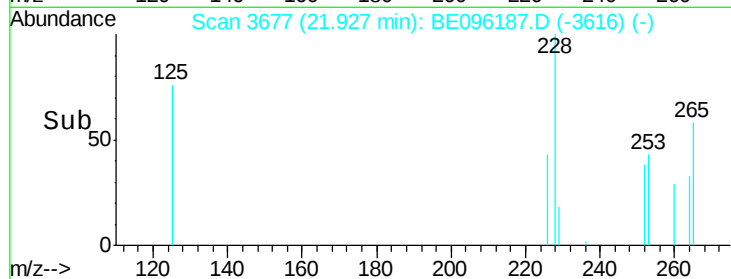
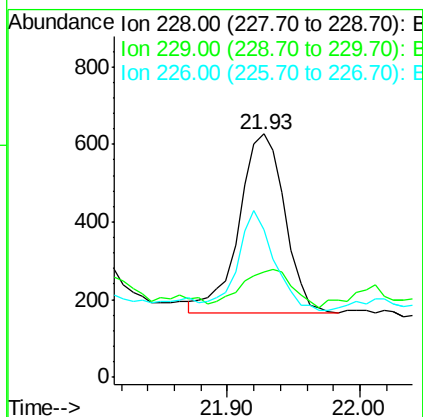
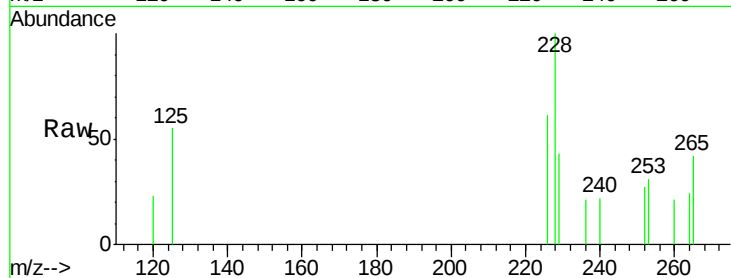
Tot Ion:228 Resp: 1098

Ion Ratio Lower Upper

228 100

229 43.4 22.8 34.2#

226 60.8 17.0 25.6#



#19

Chrysene

Concen: 86.629 ng/ul

RT: 21.79 min Scan# 3657

Delta R.T. -0.00 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

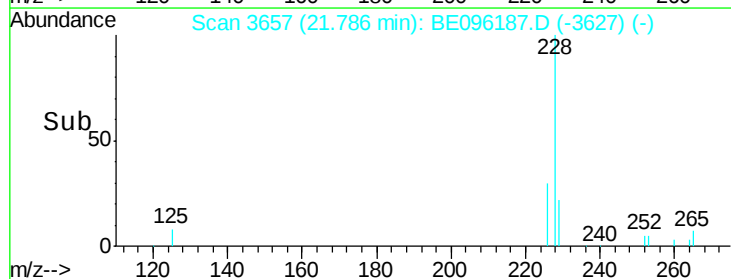
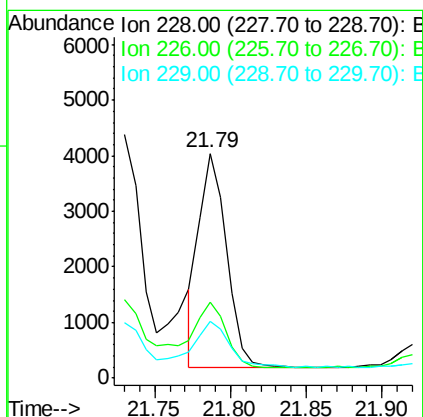
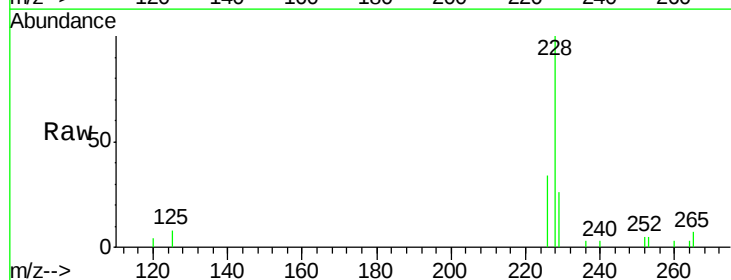
Tgt Ion:228 Resp: 4820

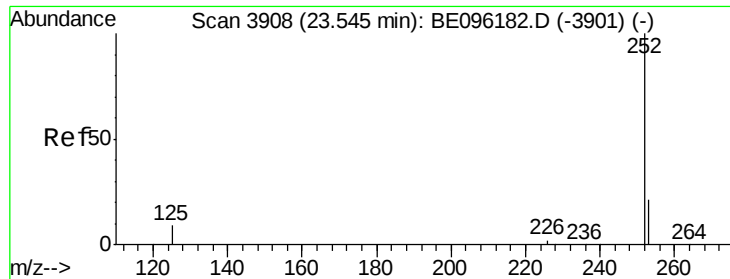
Ion Ratio Lower Upper

228 100

226 33.6 23.4 35.0

229 25.5 17.7 26.5





#21

Benzo(b)fluoranthene

Concen: 38.059 ng/ul

RT: 23.76 min Scan# 3937

Delta R.T. 0.21 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampleId :

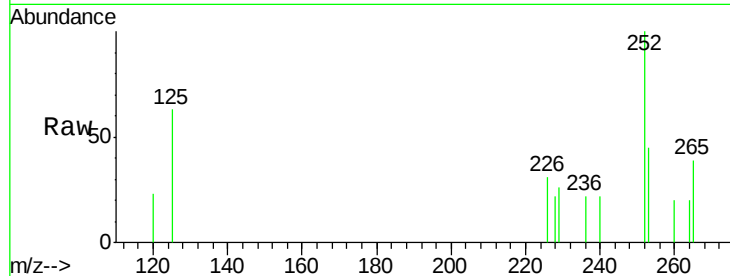
Tot Ion:252 Resp: 1297

Ion Ratio Lower Upper

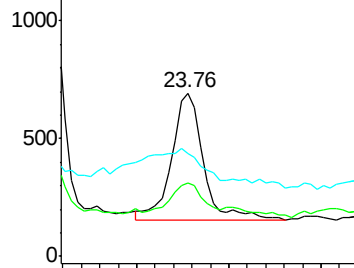
252 100

253 44.7 0.0 64.2

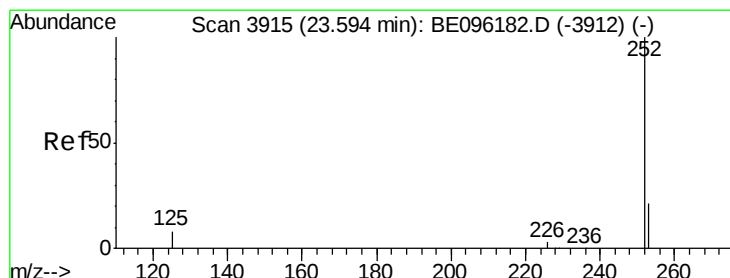
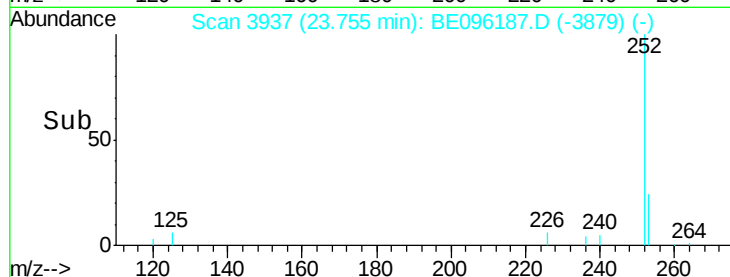
125 63.1 0.0 35.0#



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



Time-->



#22

Benzo(k)fluoranthene

Concen: 39.812 ng/ul

RT: 23.76 min Scan# 3937

Delta R.T. 0.16 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

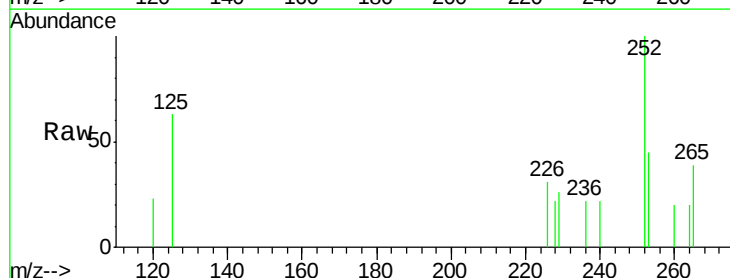
Tgt Ion:252 Resp: 1297

Ion Ratio Lower Upper

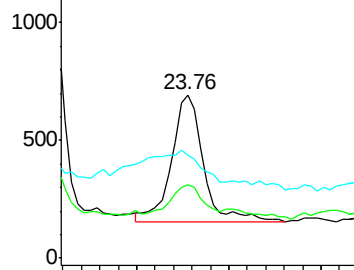
252 100

253 44.7 24.5 36.7#

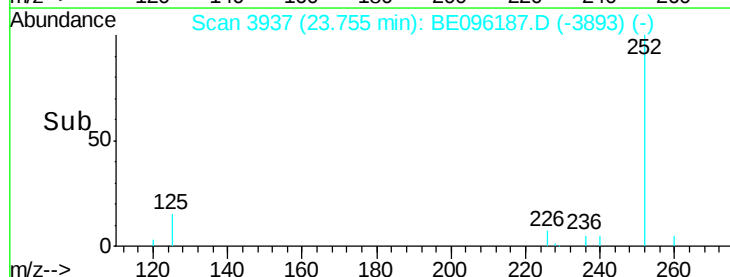
125 63.1 13.7 20.5#

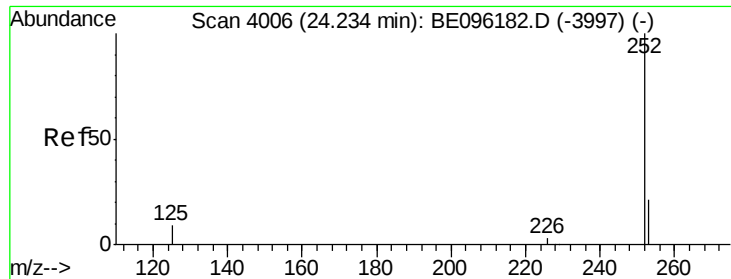


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 46.241 ng/ul

RT: 24.42 min Scan# 4031

Delta R.T. 0.18 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

Instrument :

BNA_E

ClientSampleId :

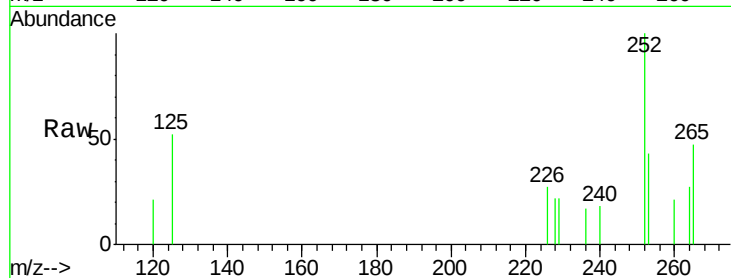
Tot Ion:252 Resp: 1369

Ion Ratio Lower Upper

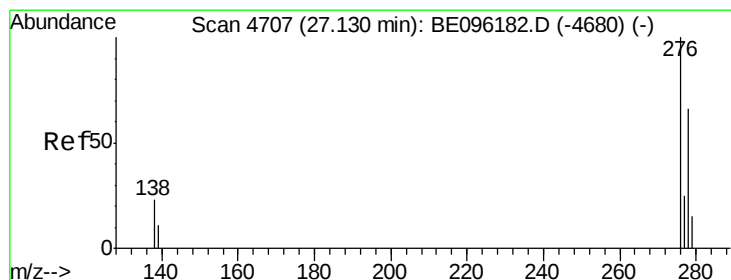
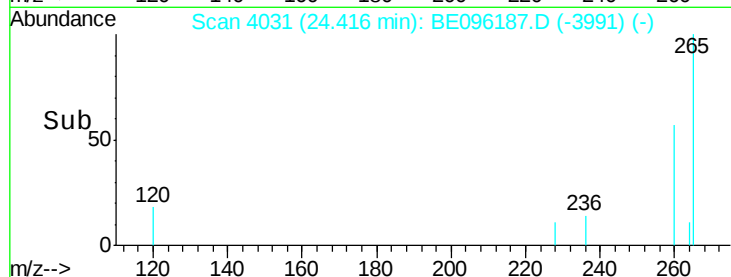
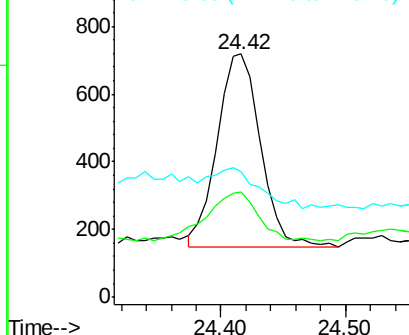
252 100

253 43.1 28.5 42.7#

125 51.9 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: 0.150 ng/ul

RT: 27.42 min Scan# 4787

Delta R.T. 0.29 min

Lab File: BE096187.D

Acq: 26 Apr 2018 19:56

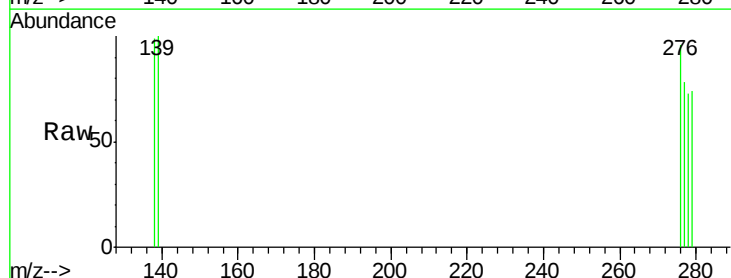
Tgt Ion:276 Resp: 6

Ion Ratio Lower Upper

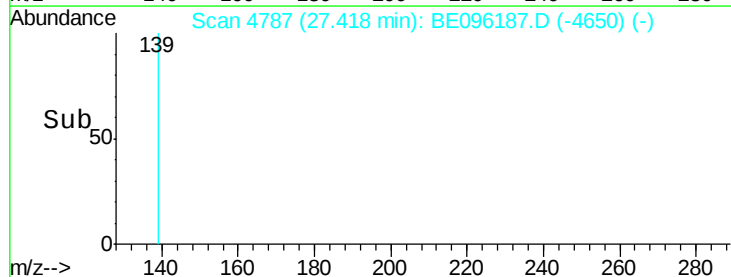
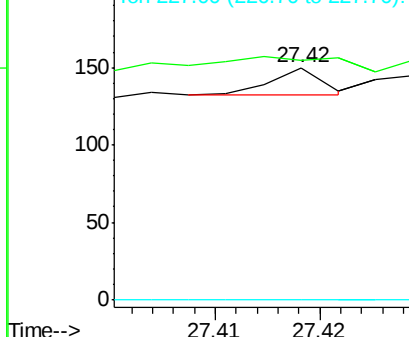
276 100

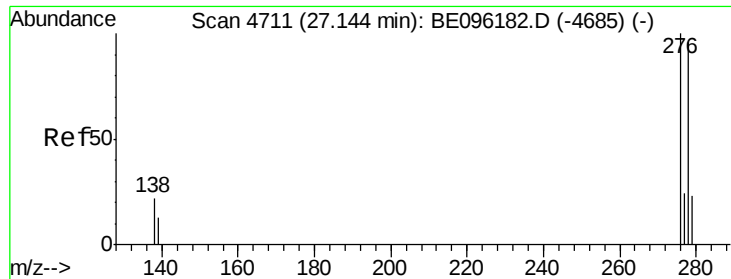
138 116.7 28.0 42.0#

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

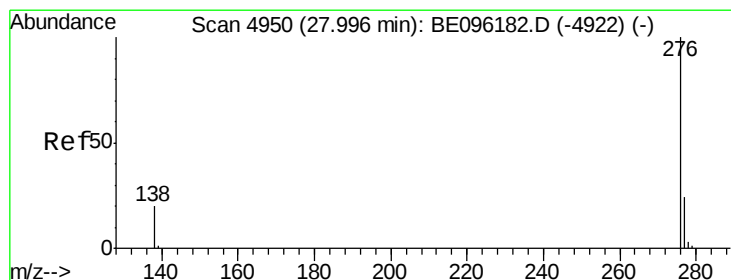
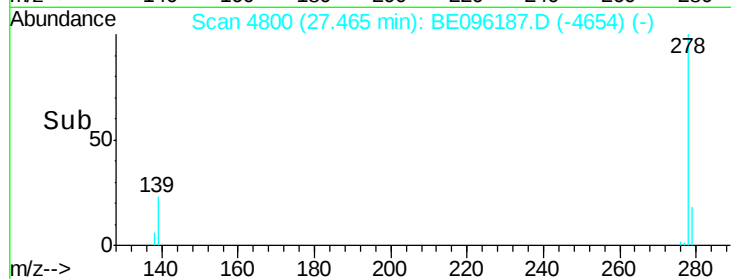
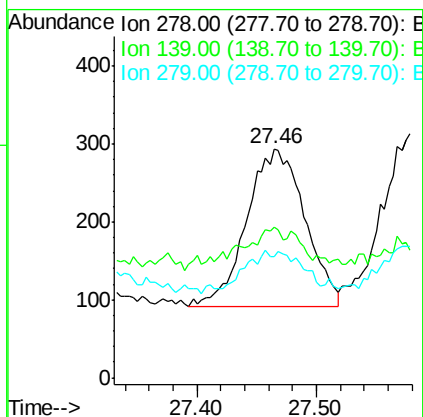
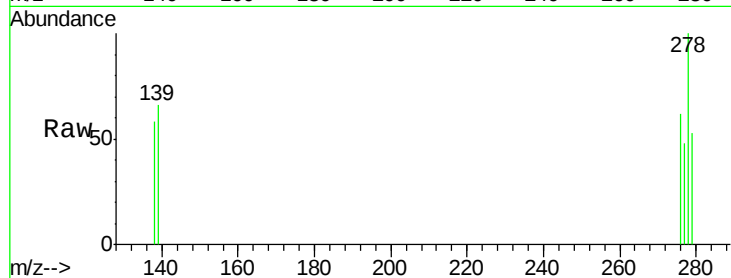




#25
Dibenzo(a,h)anthracene
Concen: 20.448 ng/ul
RT: 27.46 min Scan# 4800
Delta R.T. 0.32 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Instrument :
BNA_E
ClientSampleId :

Tot Ion:278 Resp: 683
Ion Ratio Lower Upper
278 100
139 65.6 17.4 26.0#
279 53.1 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 1.958 ng/ul
RT: 28.27 min Scan# 5025
Delta R.T. 0.27 min
Lab File: BE096187.D
Acq: 26 Apr 2018 19:56

Tgt Ion:276 Resp: 68
Ion Ratio Lower Upper
276 100
138 94.7 21.8 32.8#
277 84.9 20.5 30.7#

