

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
 Data File : BM020473.D
 Acq On : 21 May 2019 23:10
 Operator : JU/SJ
 Sample : K2923-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4253

Quant Time: May 22 04:58:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	58388	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	216770	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	131428	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	332256	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	384653	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	438926	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	6502	4.11	ng/uL	0.00
5) Phenol-d5	6.89	99	85659	18.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	57697	19.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	67422	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	59360	17.50	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28636	20.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	33361	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	64722	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	55796	16.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	209771	22.18	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	245507	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	14283	10.40	ng/ul	0.00
57) Fluorene-d10	15.37	176	191329	22.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	23097	12.20	ng/ul	0.00
70) Anthracene-d10	17.23	188	287972	20.21	ng/ul	0.00
78) Pyrene-d10	19.53	212	376564	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	420396	21.08	ng/ul	-0.01

Target Compounds

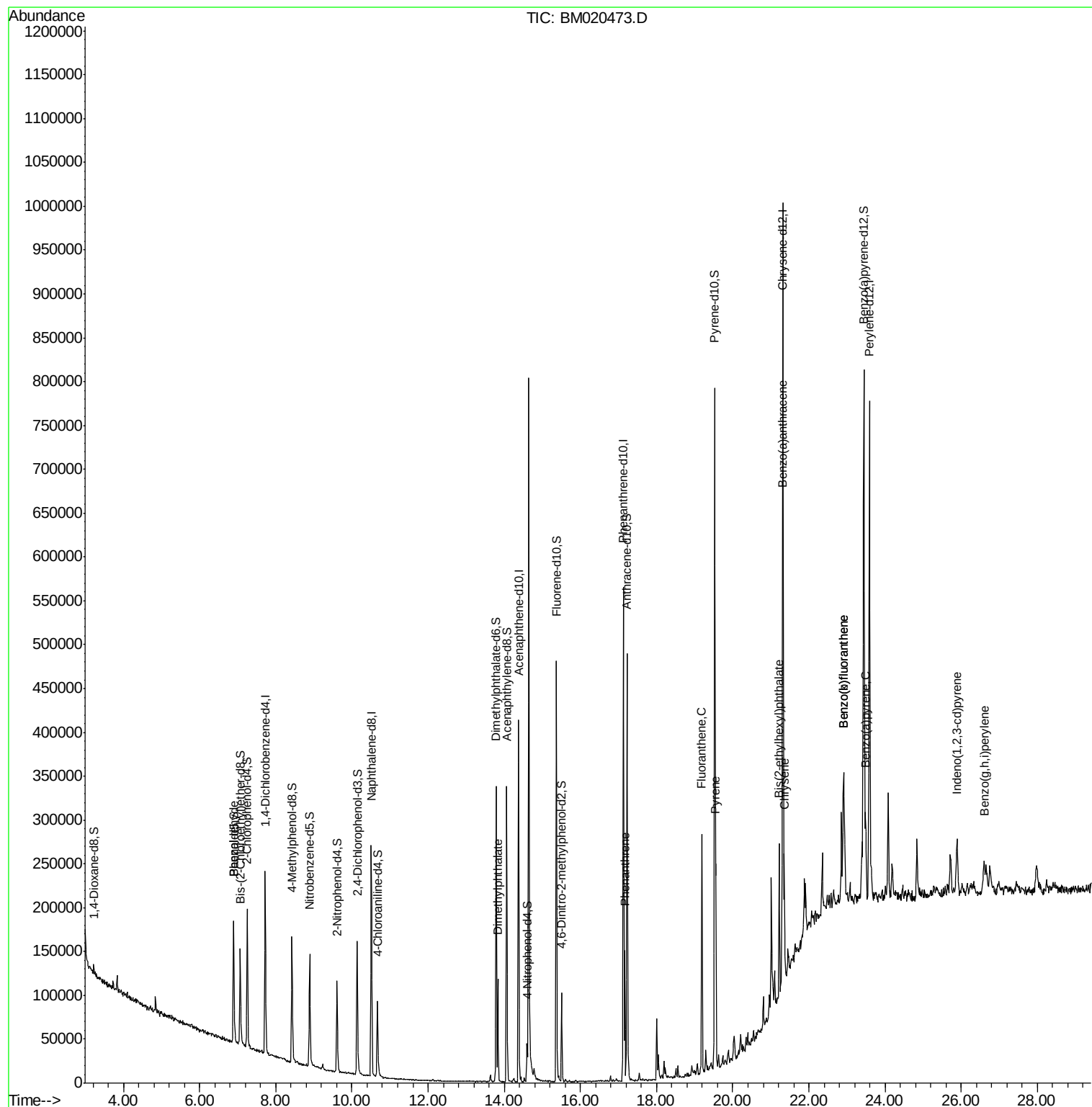
					Qvalue	
4) Benzaldehyde	6.89	77	4495	1.126	ng/ul#	83
44) Dimethylphthalate	13.83	163	70808	7.570	ng/ul	99
69) Phenanthrene	17.17	178	89612	5.660	ng/ul	99
76) Fluoranthene	19.19	202	175492	8.776	ng/ul	99
79) Pyrene	19.56	202	147190	6.375	ng/ul	99
82) Benzo(a)anthracene	21.30	228	78447	3.388	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.22	149	52331	4.981	ng/ul	99
84) Chrysene	21.36	228	74921	3.386	ng/ul	96
87) Benzo(b)fluoranthene	22.90	252	112373	4.486	ng/ul#	98
88) Benzo(k)fluoranthene	22.90	252	112373	4.567	ng/ul#	98
90) Benzo(a)pyrene	23.49	252	67036	2.844	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	49711	1.851	ng/ul	95
93) Benzo(g,h,i)perylene	26.60	276	45392	2.041	ng/ul	96

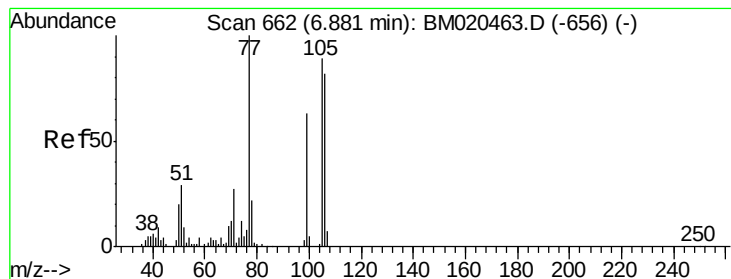
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020473.D
Acq On : 21 May 2019 23:10
Operator : JU/SJ
Sample : K2923-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4253

Quant Time: May 22 04:58:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.126 ng/ul

RT: 6.89 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

A4253

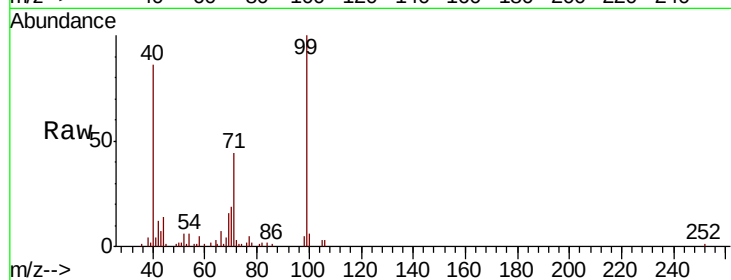
Tgt Ion: 77 Resp: 4495

Ion Ratio Lower Upper

77 100

105 64.9 67.4 101.0#

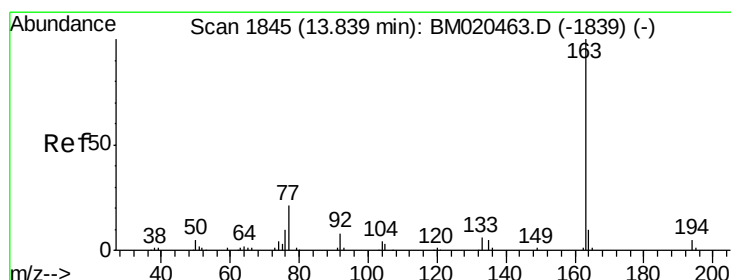
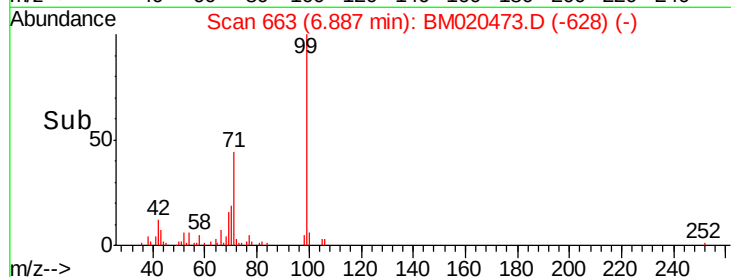
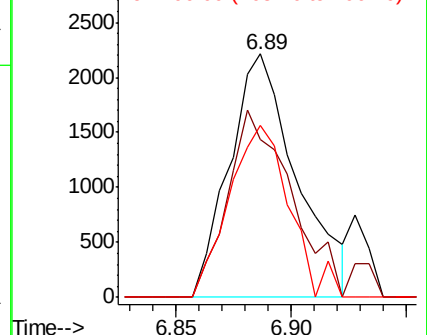
106 70.7 64.8 97.2



Abundance Ion 77.00 (76.70 to 77.70): BM020463.D (-656) (-)

Ion 105.00 (104.70 to 105.70): BM020463.D (-656) (-)

Ion 106.00 (105.70 to 106.70): BM020463.D (-656) (-)



#44

Dimethylphthalate

Concen: 7.570 ng/ul

RT: 13.83 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

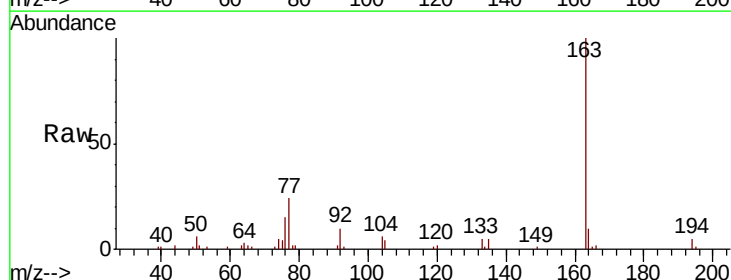
Tgt Ion: 163 Resp: 70808

Ion Ratio Lower Upper

163 100

194 4.8 3.3 4.9

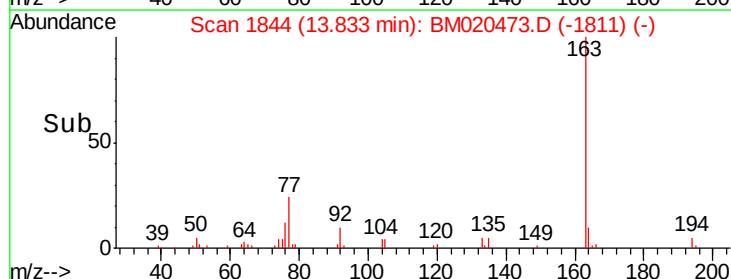
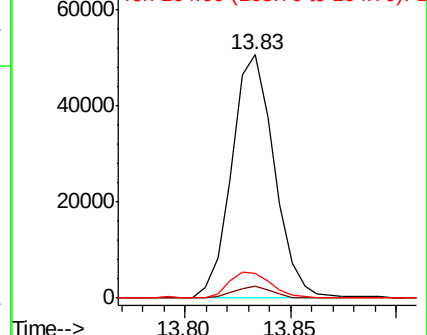
164 10.0 8.0 12.0

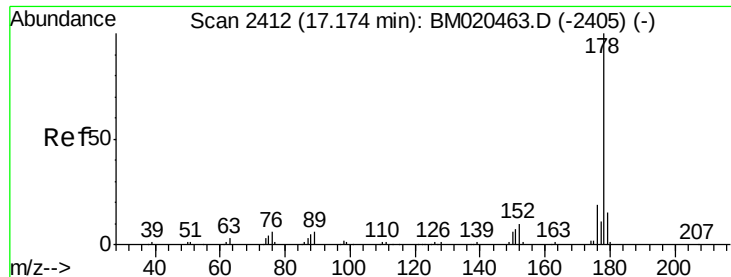


Abundance Ion 163.00 (162.70 to 163.70): BM020463.D (-1839) (-)

Ion 194.00 (193.70 to 194.70): BM020463.D (-1839) (-)

Ion 164.00 (163.70 to 164.70): BM020463.D (-1839) (-)





#69

Phenanthrene

Concen: 5.660 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

A4253

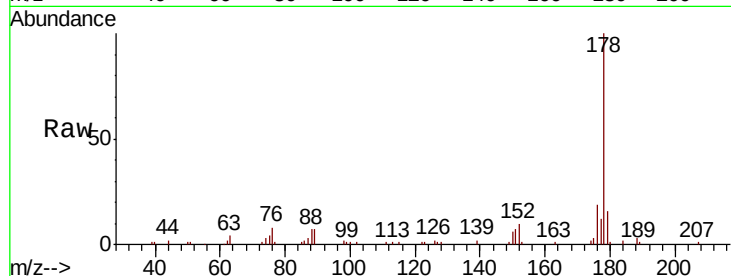
Tgt Ion:178 Resp: 89612

Ion Ratio Lower Upper

178 100

179 15.9 11.9 17.9

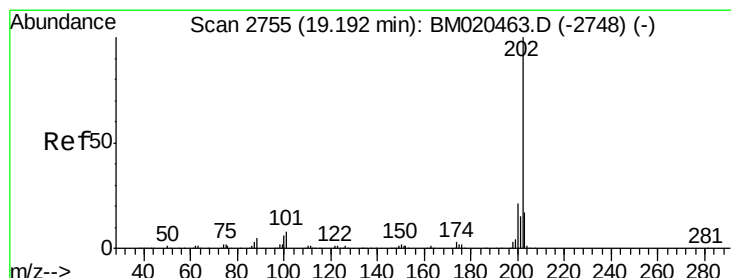
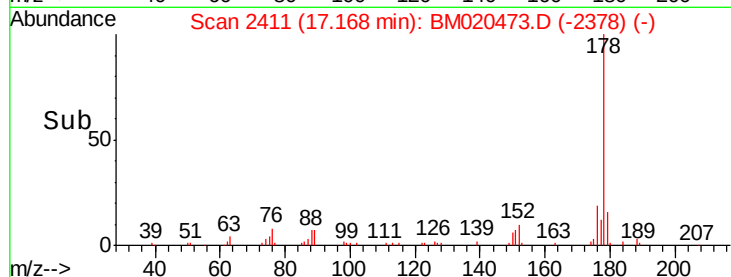
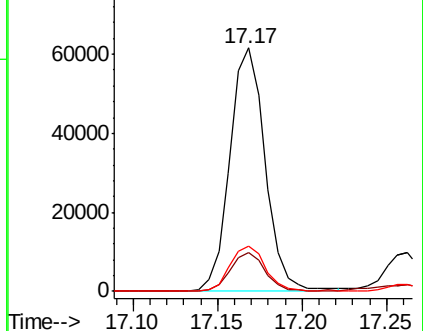
176 18.6 14.6 22.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 8.776 ng/ul

RT: 19.19 min Scan# 2754

Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

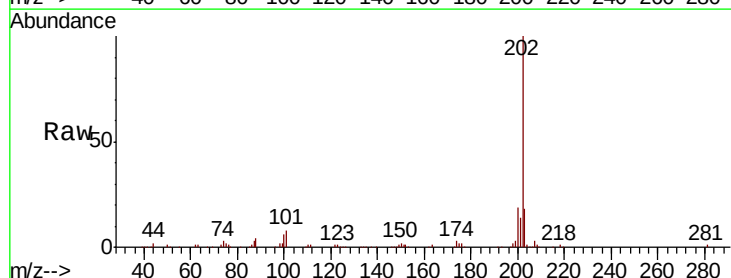
Tgt Ion:202 Resp: 175492

Ion Ratio Lower Upper

202 100

101 7.8 6.4 9.6

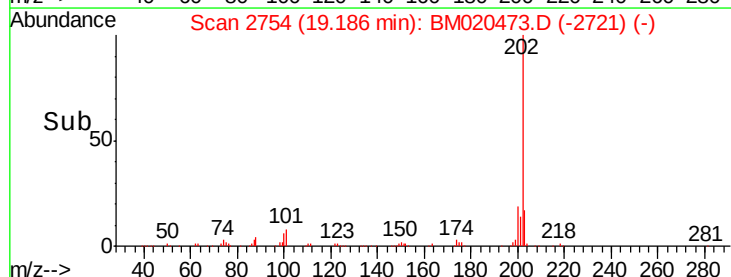
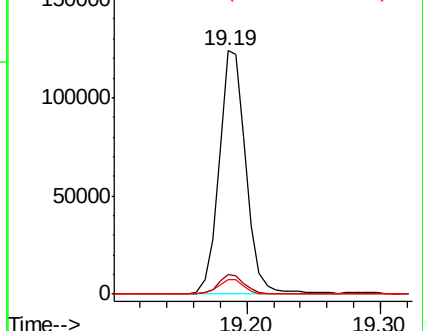
100 6.1 5.2 7.8

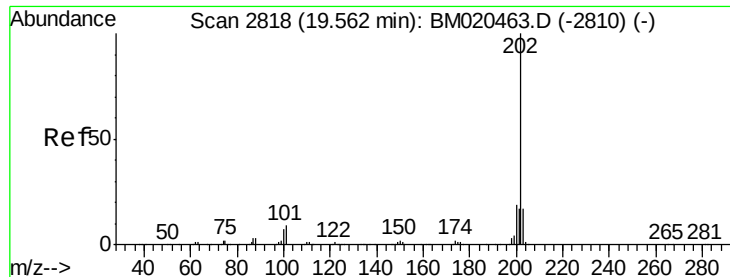


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

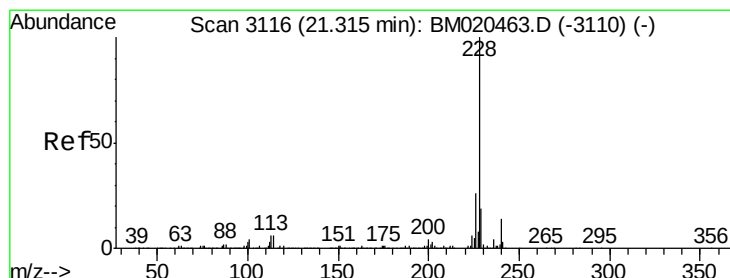
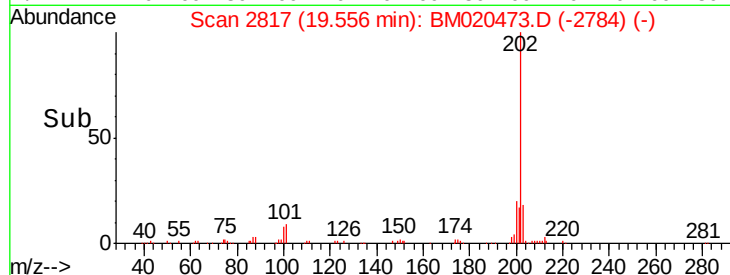
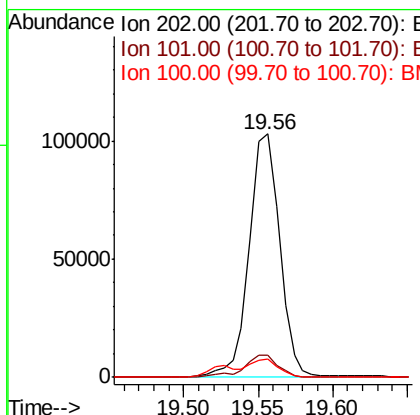
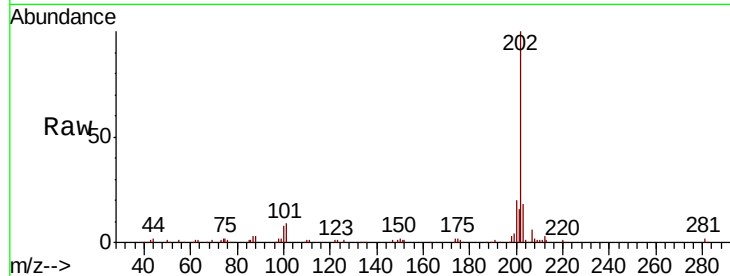




#79
 Pyrene
 Concen: 6.375 ng/ul
 RT: 19.56 min Scan# 2817
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

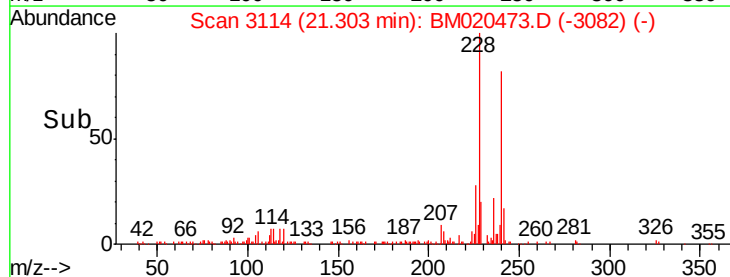
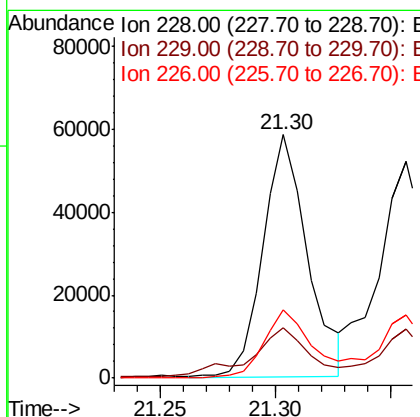
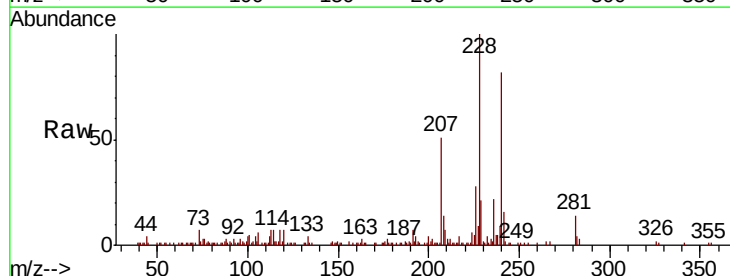
Instrument :
 BNA_M
 ClientSampled :
 A4253

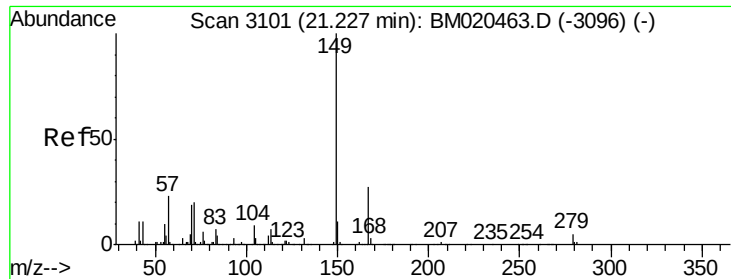
Tgt Ion:	202	Resp:	147190
Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.1	10.7
100	7.7	5.9	8.9



#82
 Benzo(a)anthracene
 Concen: 3.388 ng/ul
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

Tgt Ion:	228	Resp:	78447
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.0	20.6	30.8

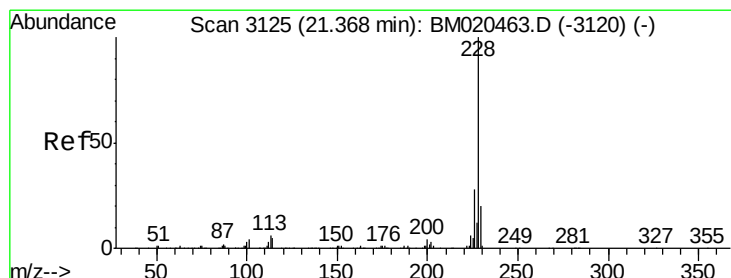
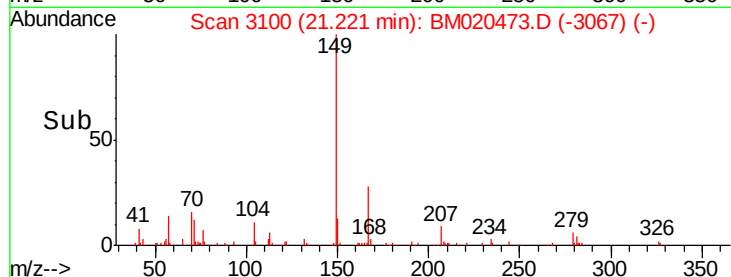
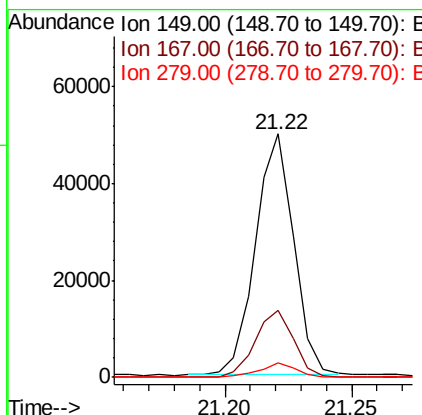
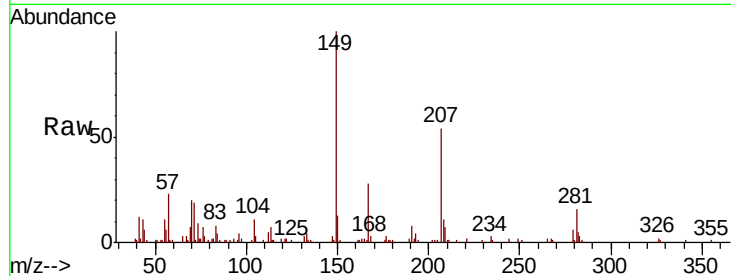




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.981 ng/ul
 RT: 21.22 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

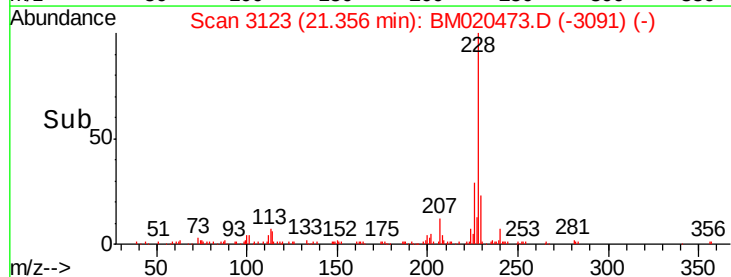
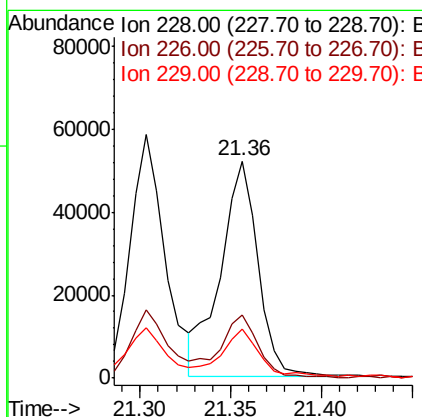
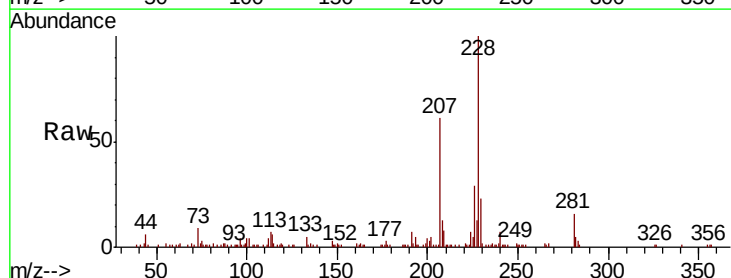
Instrument :
 BNA_M
 ClientSampleId :
 A4253

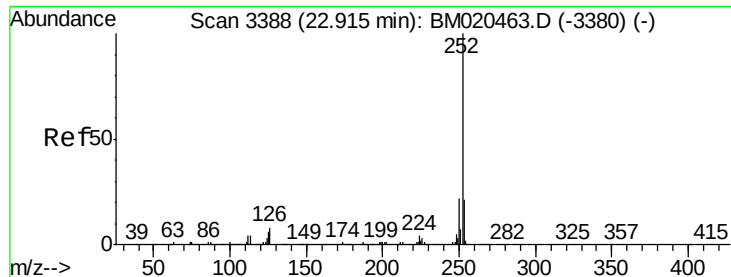
Tgt Ion:149 Resp: 52331
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.5 33.7
 279 5.8 4.2 6.2



#84
 Chrysene
 Concen: 3.386 ng/ul
 RT: 21.36 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM020473.D
 Acq: 21 May 2019 23:10

Tgt Ion:228 Resp: 74921
 Ion Ratio Lower Upper
 228 100
 226 29.0 22.2 33.4
 229 22.5 15.4 23.2





#87

Benzo(b)fluoranthene

Concen: 4.486 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

A4253

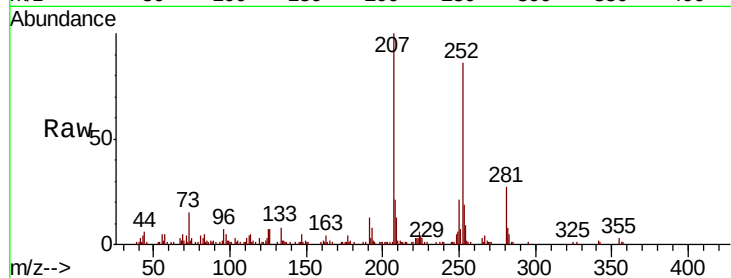
Tgt Ion:252 Resp: 112373

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 7.9 5.0 7.4#

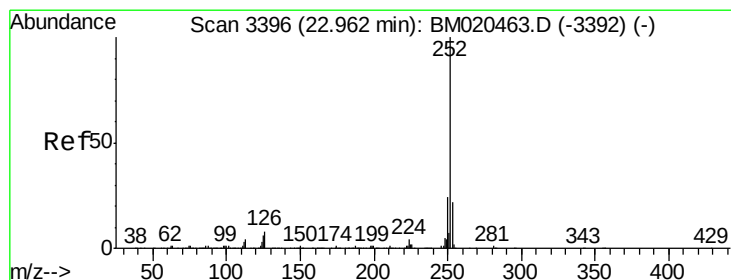
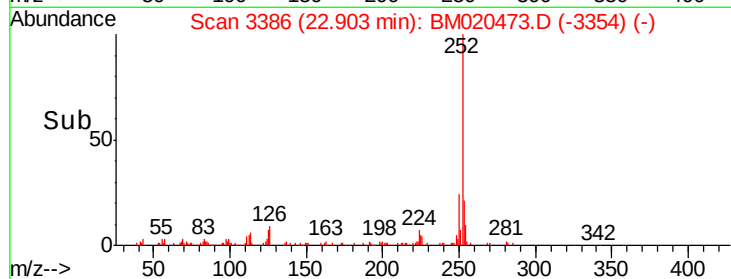
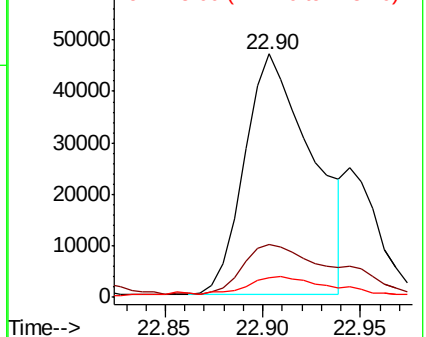


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 4.567 ng/ul

RT: 22.90 min Scan# 3386

Delta R.T. -0.06 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

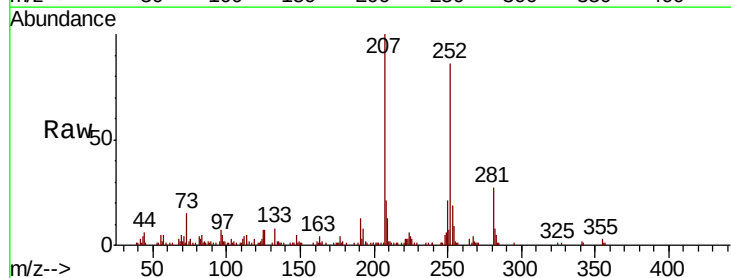
Tgt Ion:252 Resp: 112373

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 7.9 5.0 7.6#

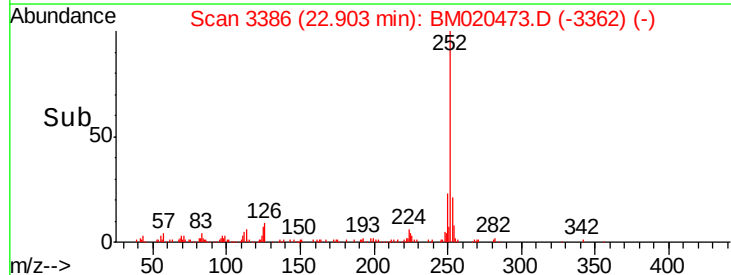
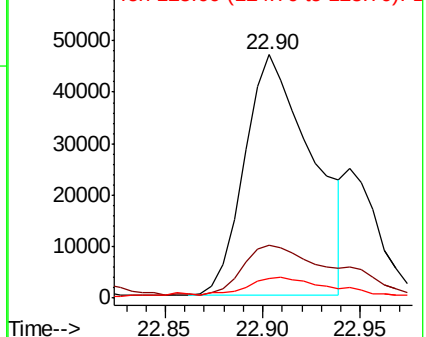


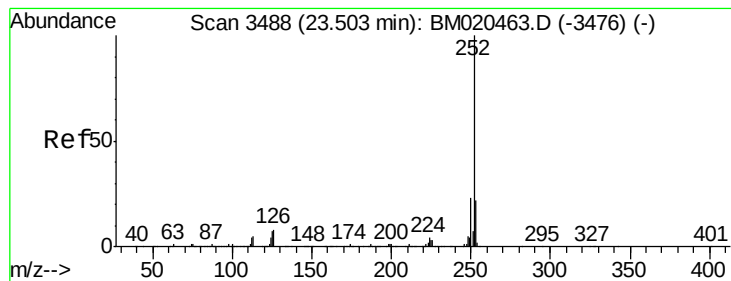
Abundance

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





#90

Benzo(a)pyrene

Concen: 2.844 ng/ul

RT: 23.49 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

A4253

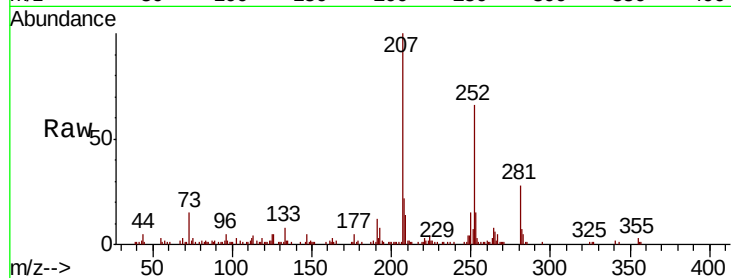
Tgt Ion:252 Resp: 67036

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 7.1 5.4 8.2

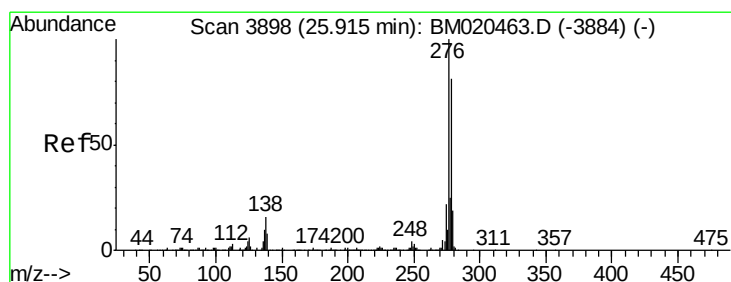
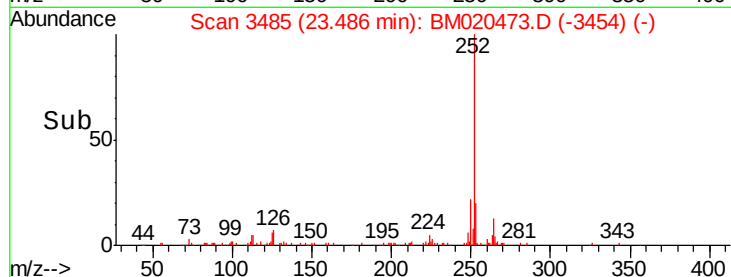
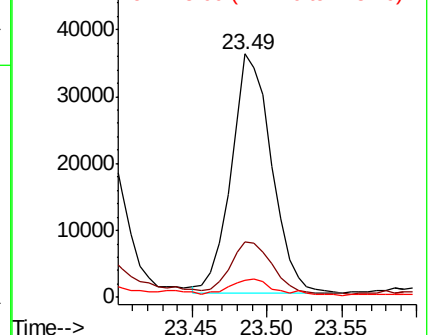


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.851 ng/ul

RT: 25.89 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

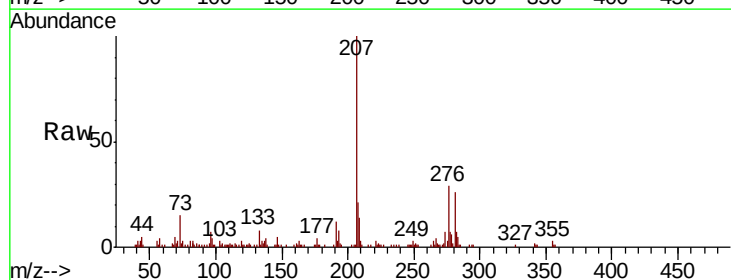
Tgt Ion:276 Resp: 49711

Ion Ratio Lower Upper

276 100

138 13.6 12.3 18.5

277 22.1 20.0 30.0

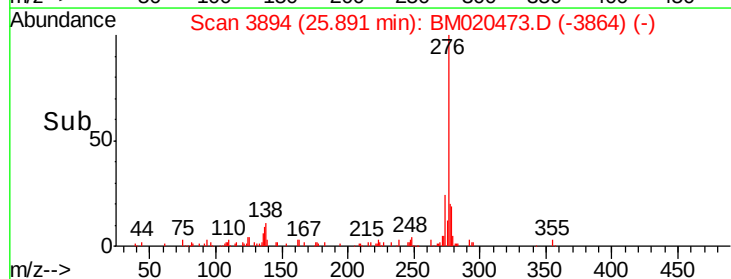
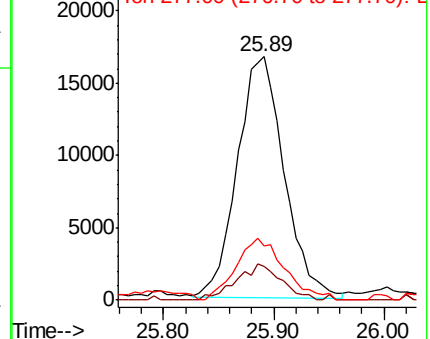


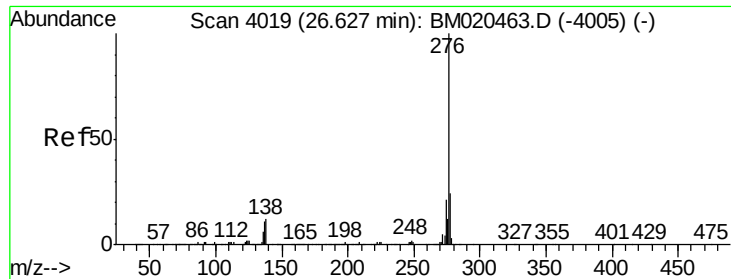
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 2.041 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.02 min

Lab File: BM020473.D

Acq: 21 May 2019 23:10

Instrument :

BNA_M

ClientSampleId :

A4253

Tgt Ion:276 Resp: 45392

Ion Ratio Lower Upper

276 100

138 12.2 10.0 15.0

277 25.7 18.2 27.4

