

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050523\
 Data File : BM039853.D
 Acq On : 05 May 2023 19:57
 Operator : CG/JU
 Sample : 02479-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW950DL

Quant Time: May 06 02:48:24 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 06 02:22:07 2023
 Response via : Initial Calibration

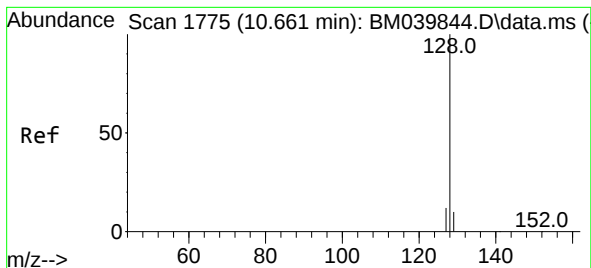
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	4	0.400	ng/ul	#-0.01
4) Naphthalene-d8	10.577	136	2	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.422	164	5	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.173	188	3	0.400	ng/ul	#-0.04
17) Chrysene-d12	21.365	240	9	0.400	ng/ul	#-0.04
23) Perylene-d12	23.700	264	4	0.400	ng/ul	#-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.172	96	25	4.241	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.156	152	2	0.780	ng/ul	-0.06
18) Fluoranthene-d10	19.205	212	3	0.124	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.599	128	7	1.394	ng/ul#	1
7) 2-Methylnaphthalene	12.337	142	25	8.625	ng/ul	91
8) 1-Methylnaphthalene	12.458	142	2	0.643	ng/ul#	1
10) Acenaphthylene	14.181	152	240	12.401	ng/ul#	1
11) Acenaphthene	14.482	153	2	0.132	ng/ul#	68
12) Fluorene	15.467	166	10	0.593	ng/ul#	45
14) Pentachlorophenol	16.945	266	3	4.588	ng/ul	94
15) Phenanthrene	17.266	178	173	21.889	ng/ul#	1
16) Anthracene	17.266	178	157	23.134	ng/ul#	1
19) Fluoranthene	19.275	202	390	12.146	ng/ul#	45
20) Pyrene	19.637	202	490	14.132	ng/ul#	49
21) Benzo(a)anthracene	21.359	228	4	0.155	ng/ul#	1
22) Chrysene	21.394	228	238	8.127	ng/ul#	1
24) Benzo(b)fluoranthene	22.987	252	14	0.997	ng/ul#	1
25) Benzo(k)fluoranthene	23.039	252	251	17.548	ng/ul#	1
26) Benzo(a)pyrene	23.607	252	29	2.299	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.124	276	12	0.752	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.151	278	21	1.697	ng/ul#	1
29) Benzo(g,h,i)perylene	26.859	276	6	0.432	ng/ul#	1

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

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QLast Update : Sat May 06 02:22:07 2023
Response via : Initial Calibration





#5

Naphthalene

Concen: 1.394 ng/ul

RT: 10.599 min Scan# 1

Delta R.T. -0.062 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

Instrument :

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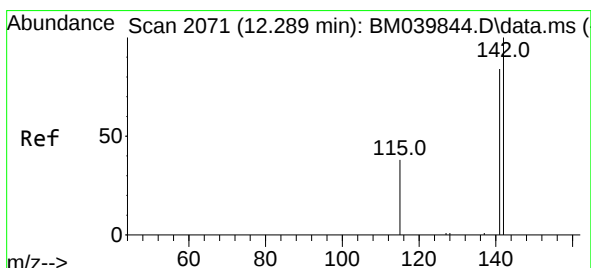
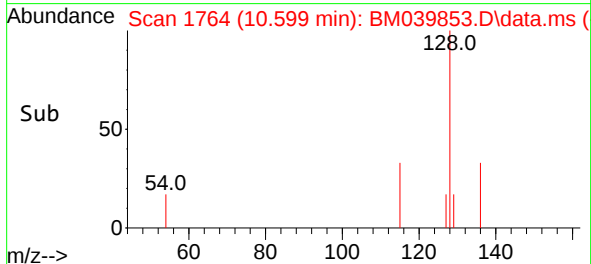
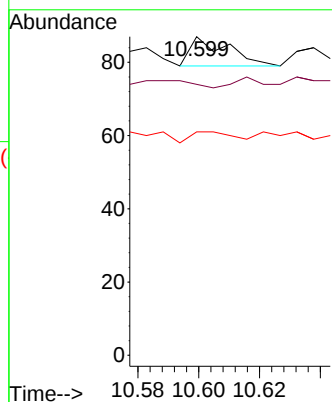
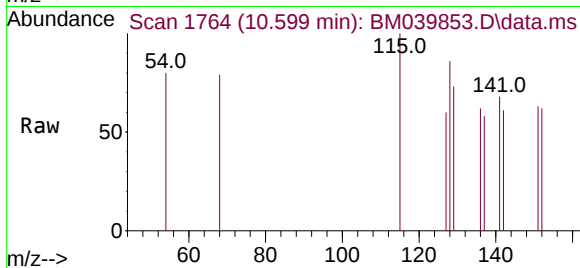
Tgt Ion:128 Resp: 7

Ion Ratio Lower Upper

128 100

129 85.1 9.8 14.6#

127 70.1 11.1 16.7#



#7

2-Methylnaphthalene

Concen: 8.625 ng/ul

RT: 12.337 min Scan# 2080

Delta R.T. 0.048 min

Lab File: BM039853.D

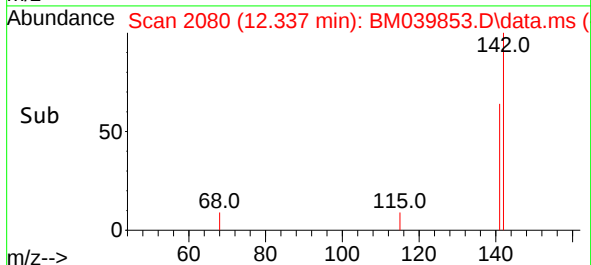
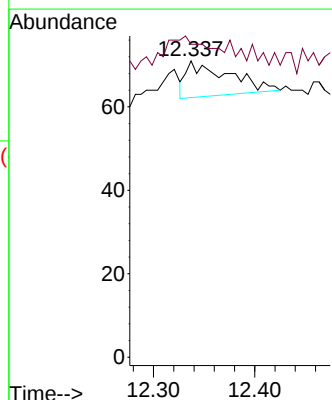
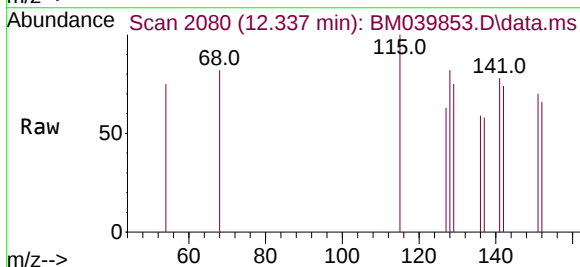
Acq: 05 May 2023 19:57

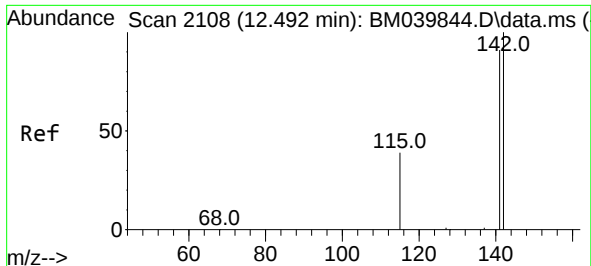
Tgt Ion:142 Resp: 25

Ion Ratio Lower Upper

142 100

141 100.0 73.2 109.8

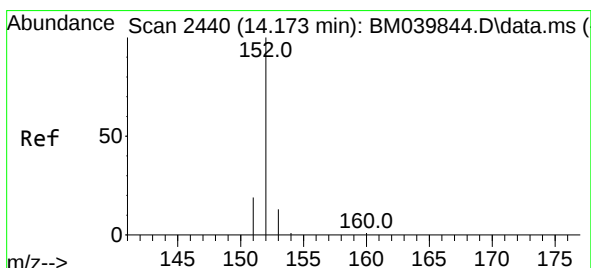
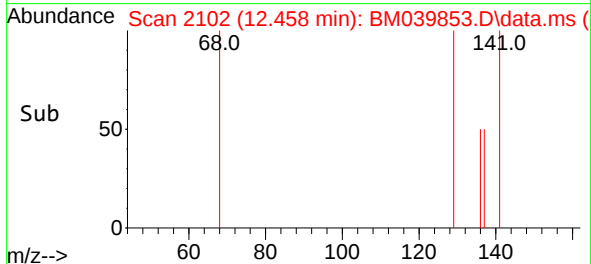
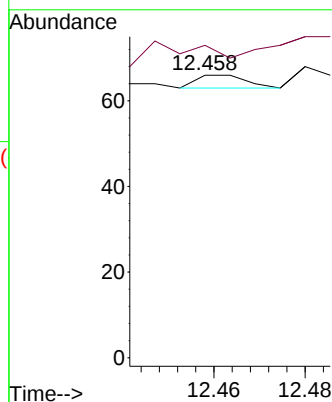
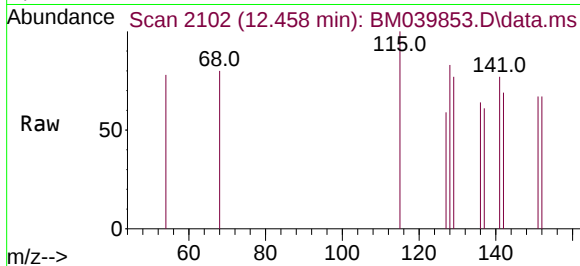




#8
1-Methylnaphthalene
Concen: 0.643 ng/ul
RT: 12.458 min Scan# 2102
Delta R.T. -0.034 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

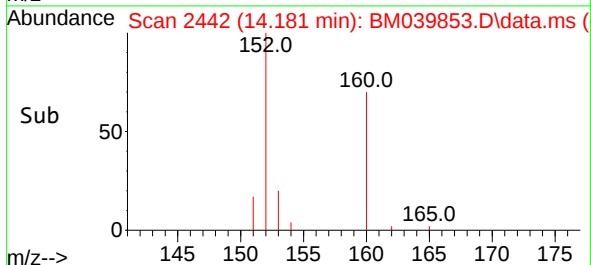
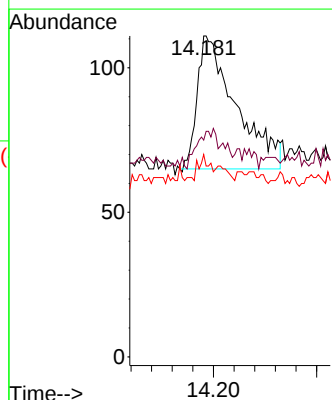
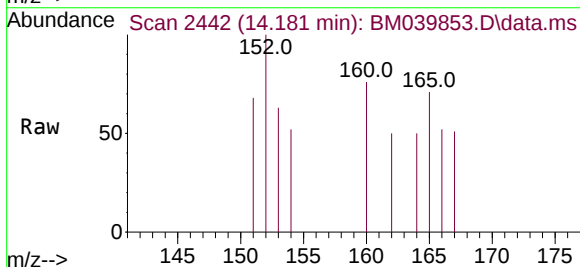
Instrument :
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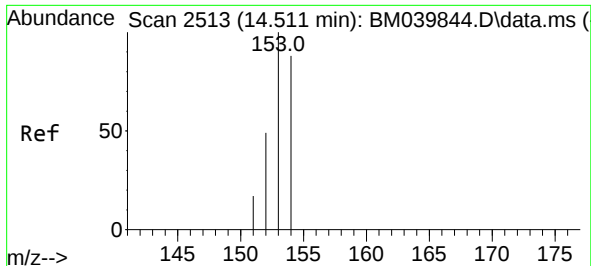
Tgt Ion:142 Resp: 2
Ion Ratio Lower Upper
142 100
141 250.0 73.4 110.2#



#10
Acenaphthylene
Concen: 12.401 ng/ul
RT: 14.181 min Scan# 2442
Delta R.T. 0.008 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:152 Resp: 240
Ion Ratio Lower Upper
152 100
151 67.6 16.0 24.0#
153 63.1 11.2 16.8#

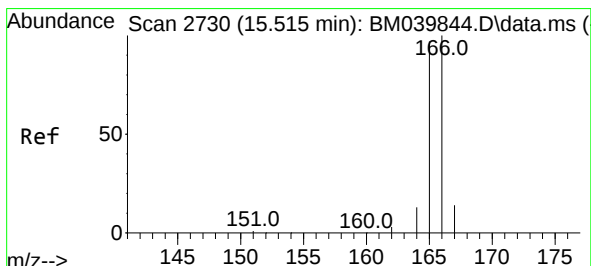
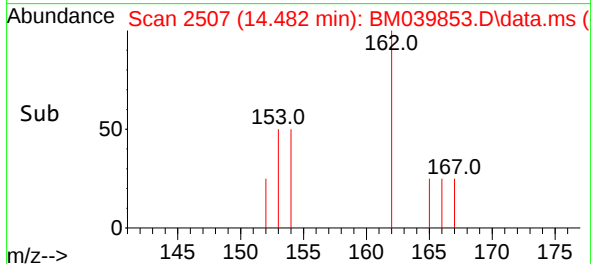
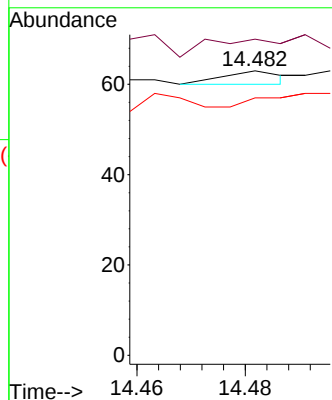
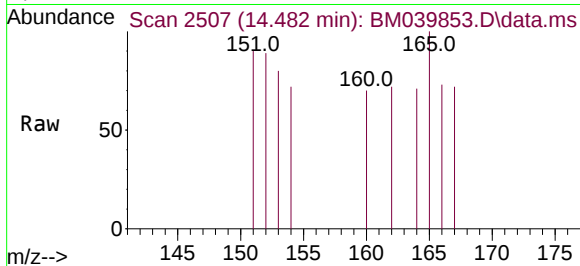




#11
Acenaphthene
Concen: 0.132 ng/ul
RT: 14.482 min Scan# 21
Delta R.T. -0.029 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

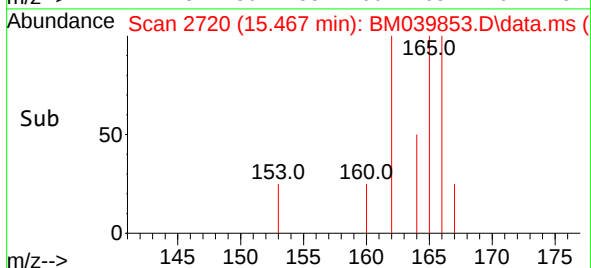
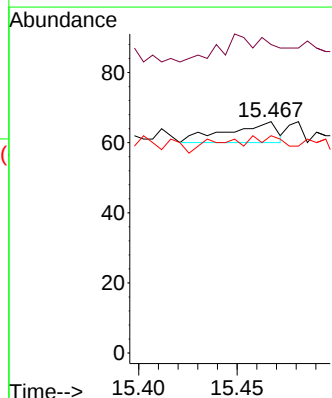
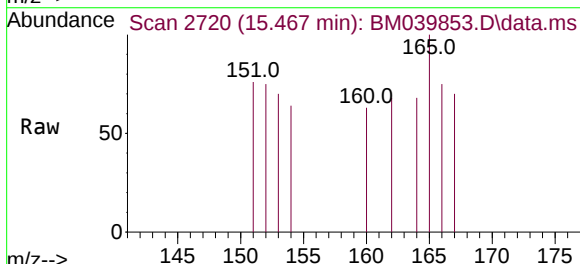
Instrument :
BNA_M
ClientSampleId :
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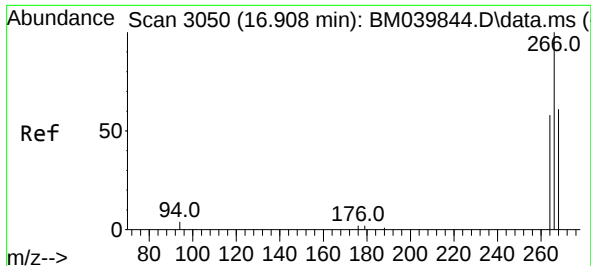
Tgt Ion:153 Resp: 2
Ion Ratio Lower Upper
153 100
152 111.1 40.6 61.0#
154 90.5 71.9 107.9



#12
Fluorene
Concen: 0.593 ng/ul
RT: 15.467 min Scan# 2720
Delta R.T. -0.047 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:166 Resp: 10
Ion Ratio Lower Upper
166 100
165 133.3 79.0 118.6#
167 93.9 11.8 17.6#

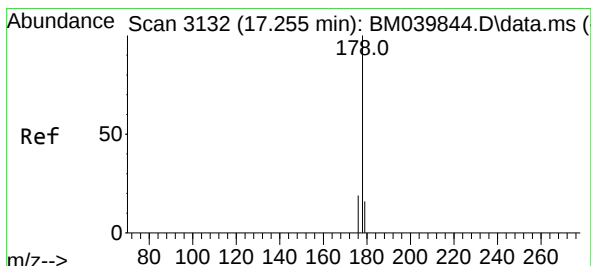
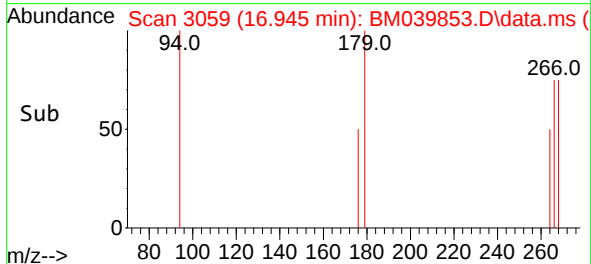
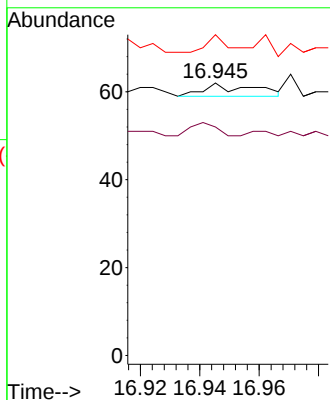
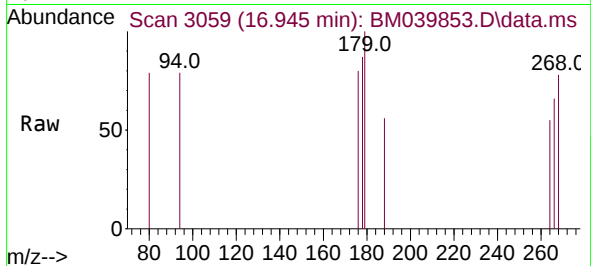




#14
Pentachlorophenol
Concen: 4.588 ng/ul
RT: 16.945 min Scan# 3050
Delta R.T. 0.037 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

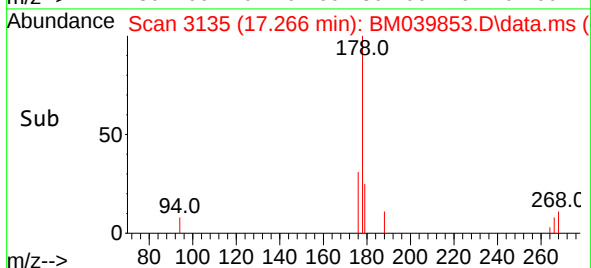
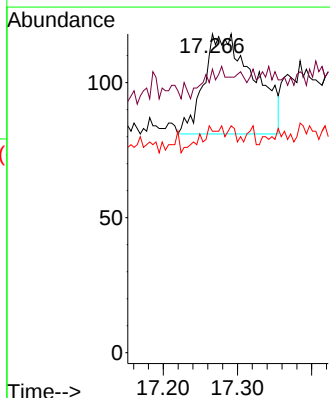
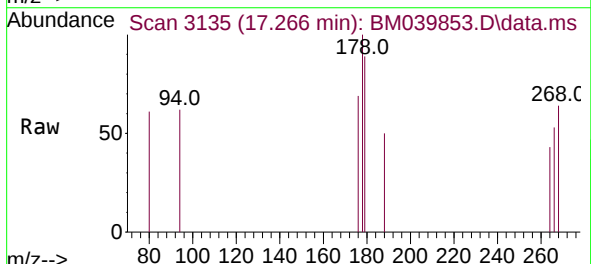
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BNA_M
ClientSampleId :
EW950DL

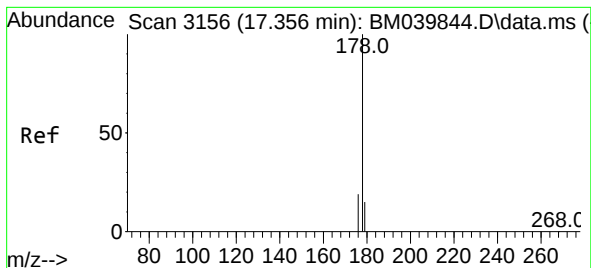
Tgt Ion:266 Resp: 3
Ion Ratio Lower Upper
266 100
264 66.7 48.8 73.2
268 66.7 50.4 75.6



#15
Phenanthrene
Concen: 21.889 ng/ul
RT: 17.266 min Scan# 3135
Delta R.T. 0.011 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:178 Resp: 173
Ion Ratio Lower Upper
178 100
179 89.0 13.0 19.6#
176 69.5 15.8 23.8#





#16

Anthracene

Concen: 23.134 ng/ul

RT: 17.266 min Scan# 3156

Delta R.T. -0.090 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

Instrument :

BNA_M

ClientSampleId :

EW950DL

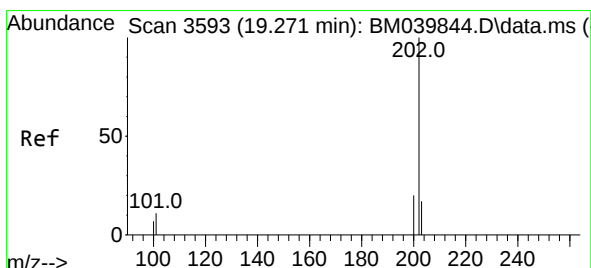
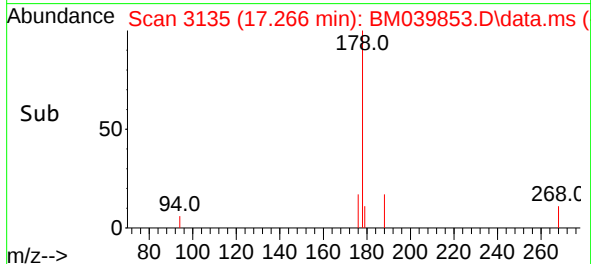
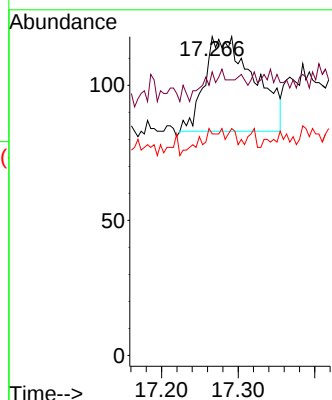
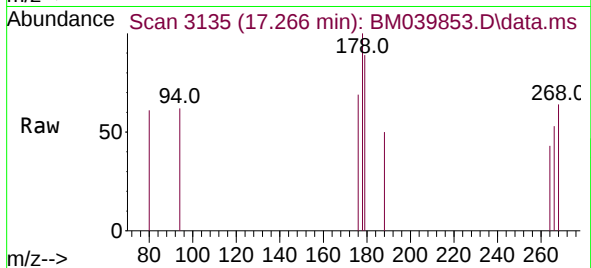
Tgt Ion:178 Resp: 157

Ion Ratio Lower Upper

178 100

179 89.0 13.8 20.6#

176 69.5 15.8 23.8#



#19

Fluoranthene

Concen: 12.146 ng/ul

RT: 19.275 min Scan# 3594

Delta R.T. 0.003 min

Lab File: BM039853.D

Acq: 05 May 2023 19:57

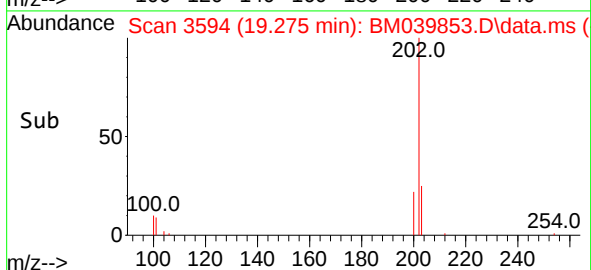
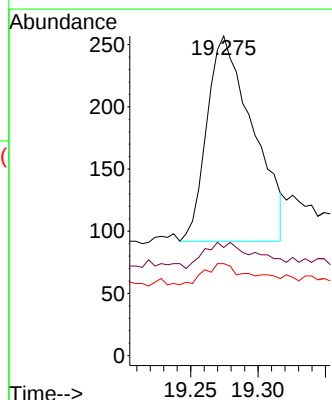
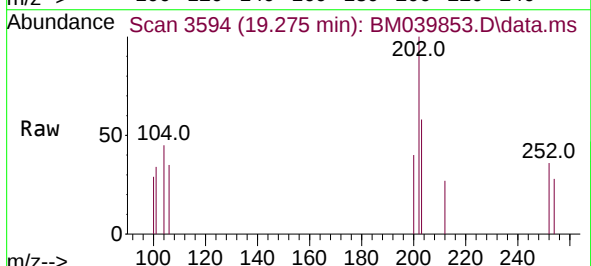
Tgt Ion:202 Resp: 390

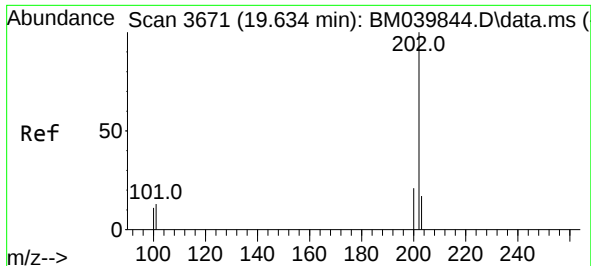
Ion Ratio Lower Upper

202 100

101 33.9 9.8 14.8#

100 28.8 7.3 10.9#

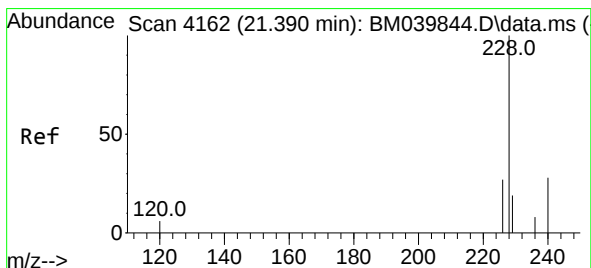
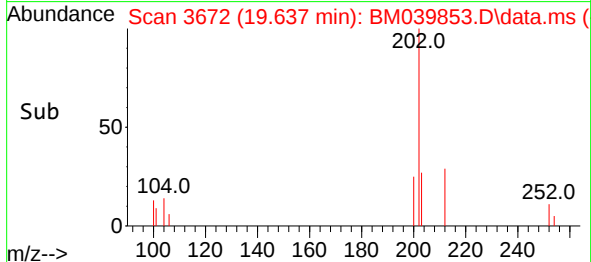
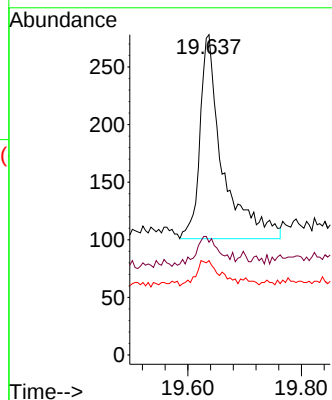
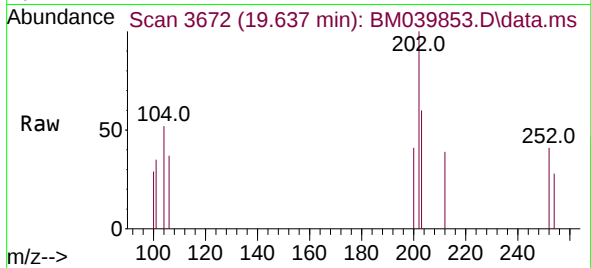




#20
Pyrene
Concen: 14.132 ng/ul
RT: 19.637 min Scan# 3672
Delta R.T. 0.003 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

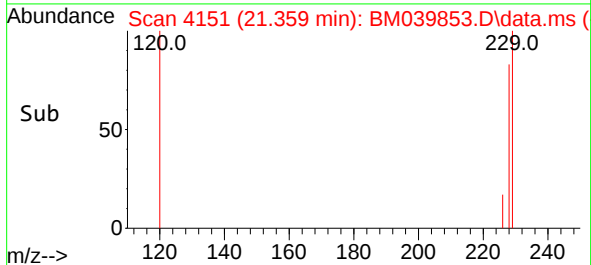
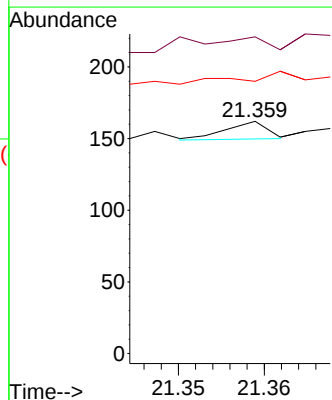
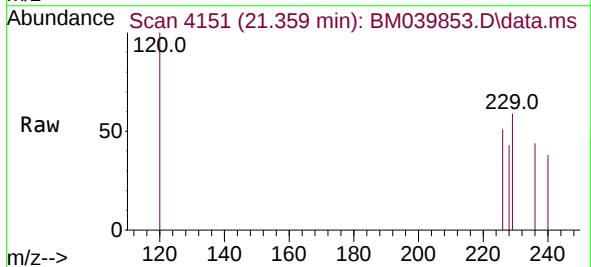
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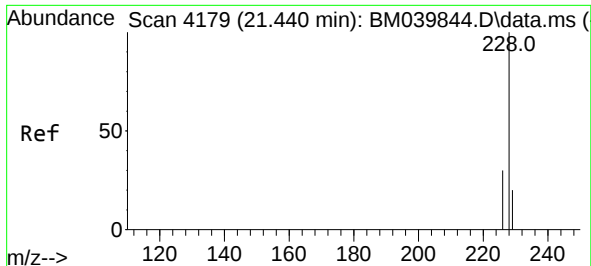
Tgt Ion:202 Resp: 490
Ion Ratio Lower Upper
202 100
101 35.3 10.9 16.3#
100 29.5 8.9 13.3#



#21
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.359 min Scan# 4151
Delta R.T. -0.032 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

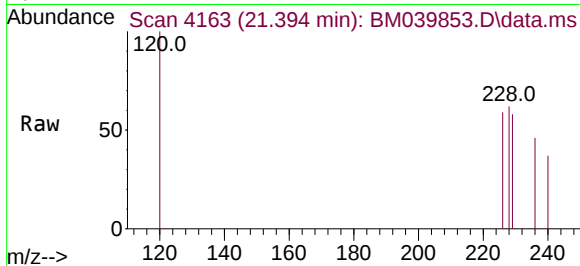
Tgt Ion:228 Resp: 4
Ion Ratio Lower Upper
228 100
229 136.4 16.2 24.2#
226 117.3 21.6 32.4#



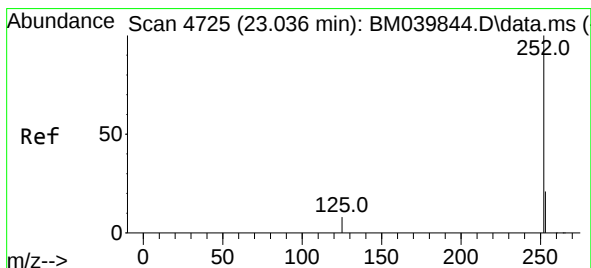
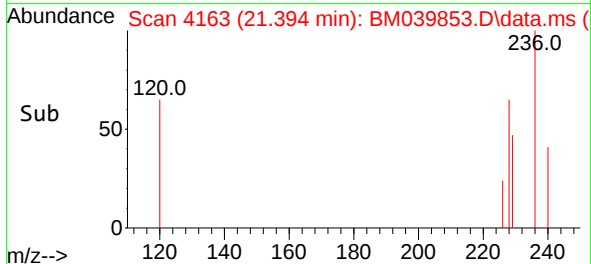
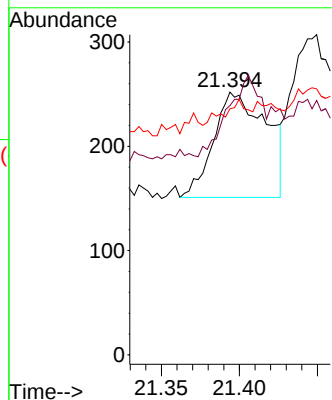


#22
Chrysene
Concen: 8.127 ng/ul
RT: 21.394 min Scan# 4179
Delta R.T. -0.046 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Instrument :
BNA_M
ClientSampleId :
EW950DL

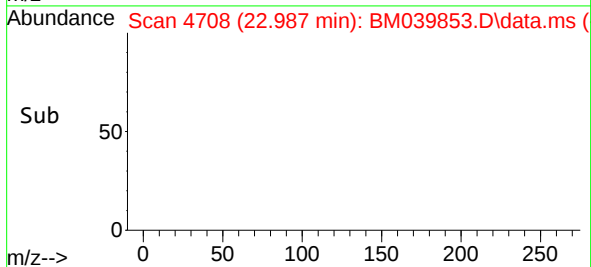
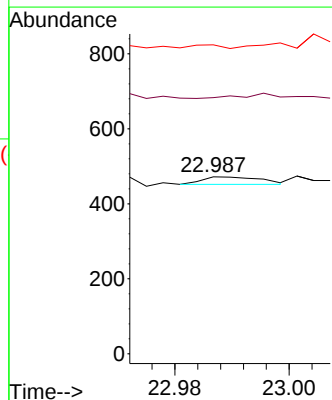
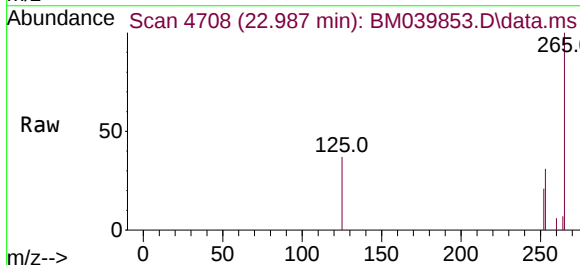


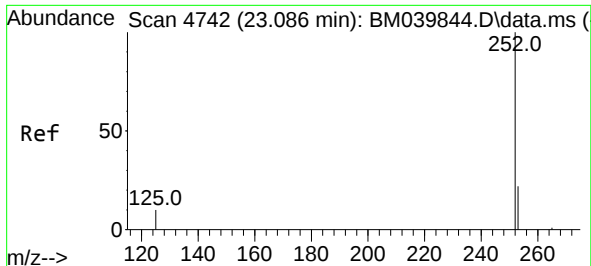
Tgt Ion:228 Resp: 238
Ion Ratio Lower Upper
228 100
226 94.8 24.3 36.5#
229 93.7 15.9 23.9#



#24
Benzo(b)fluoranthene
Concen: 0.997 ng/ul
RT: 22.987 min Scan# 4708
Delta R.T. -0.049 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Tgt Ion:252 Resp: 14
Ion Ratio Lower Upper
252 100
253 144.7 0.0 52.8#
125 174.6 0.0 31.6#

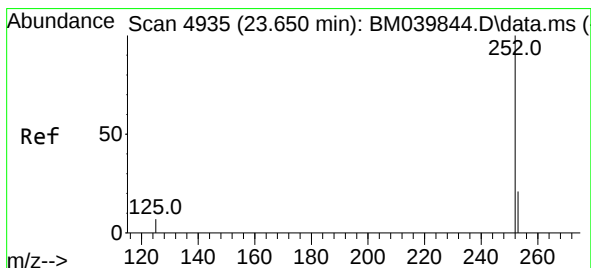
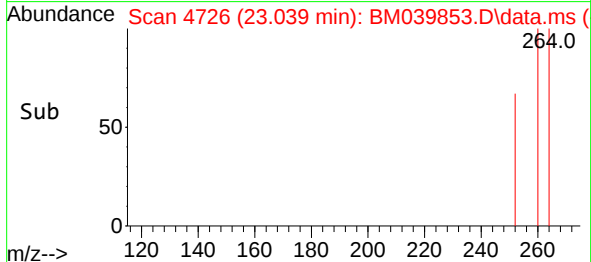
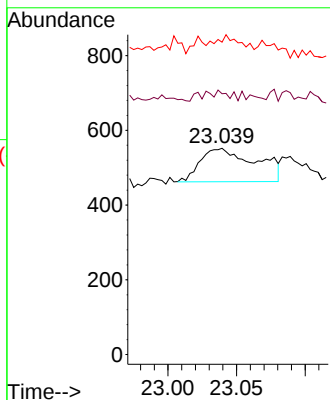
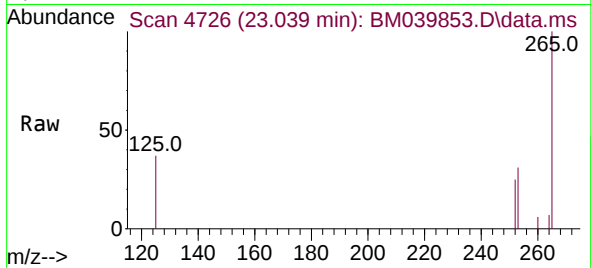




#25
Benzo(k)fluoranthene
Concen: 17.548 ng/ul
RT: 23.039 min Scan# 41
Delta R.T. -0.046 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

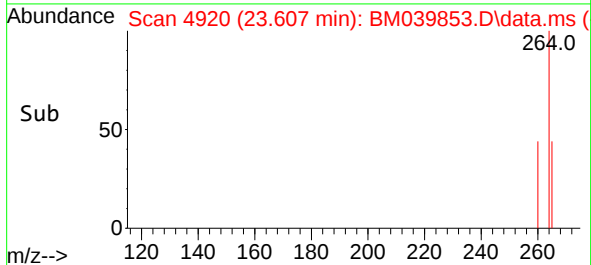
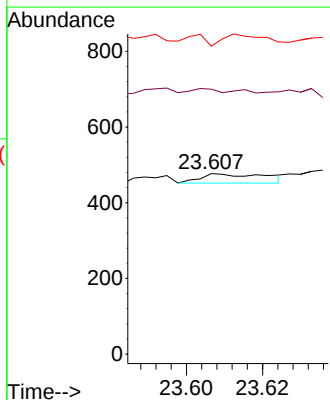
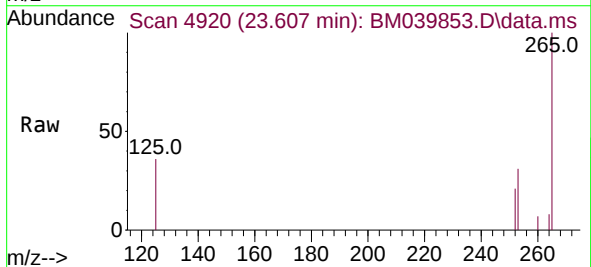
Instrument :
BNA_M
ClientSampleId :
EW950DL

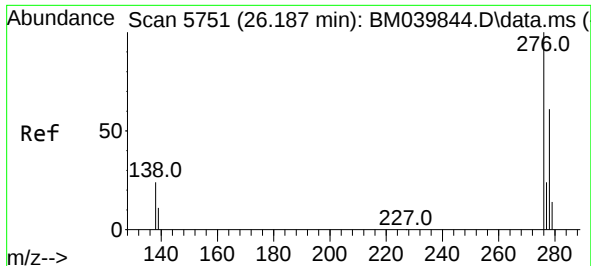
Tgt Ion:252 Resp: 251
Ion Ratio Lower Upper
252 100
253 126.4 21.3 31.9#
125 151.4 13.0 19.6#



#26
Benzo(a)pyrene
Concen: 2.299 ng/ul
RT: 23.607 min Scan# 4920
Delta R.T. -0.043 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

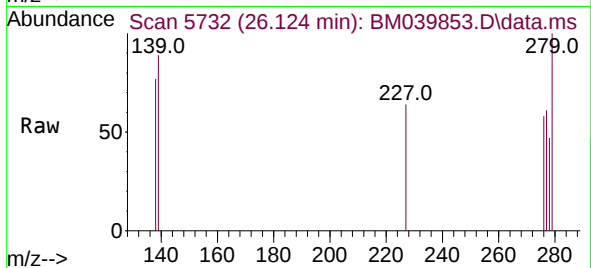
Tgt Ion:252 Resp: 29
Ion Ratio Lower Upper
252 100
253 146.8 24.7 37.1#
125 170.6 16.5 24.7#



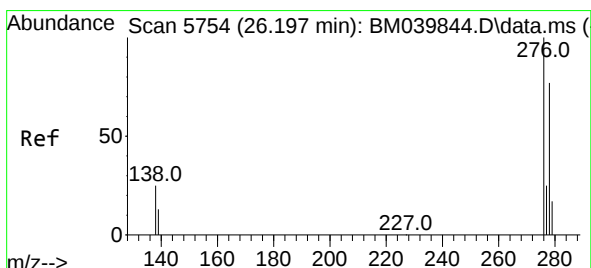
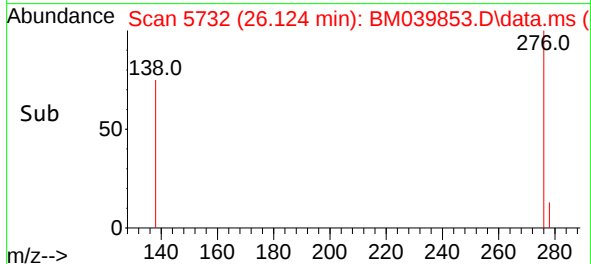
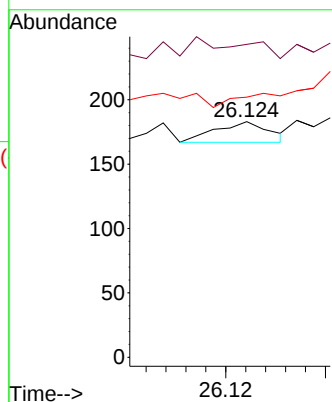


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.752 ng/ul
RT: 26.124 min Scan# 51
Delta R.T. -0.063 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

Instrument :
BNA_M
ClientSampleId :
EW950DL

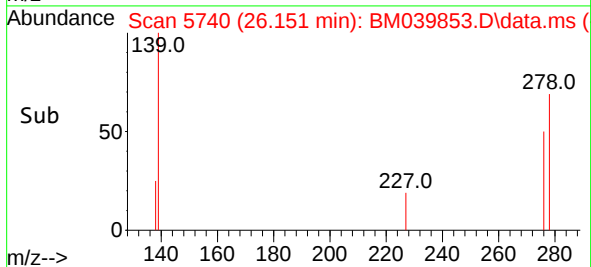
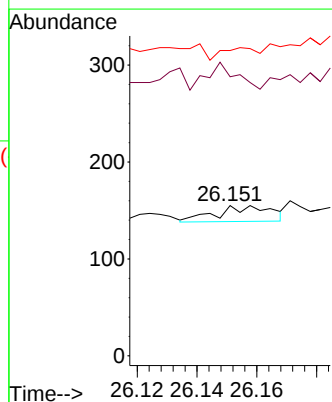
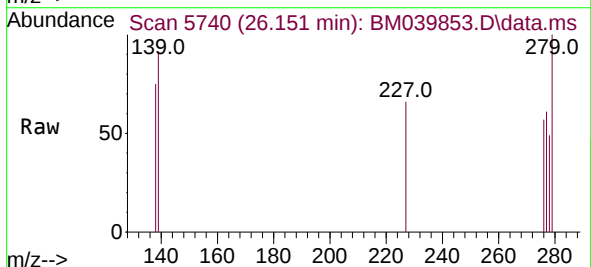


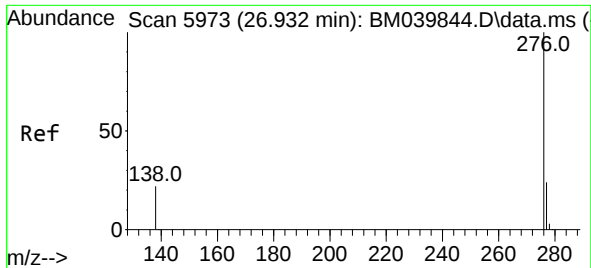
Tgt Ion:276 Resp: 12
Ion Ratio Lower Upper
276 100
138 0.0 21.1 31.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.697 ng/ul
RT: 26.151 min Scan# 5740
Delta R.T. -0.046 min
Lab File: BM039853.D
Acq: 05 May 2023 19:57

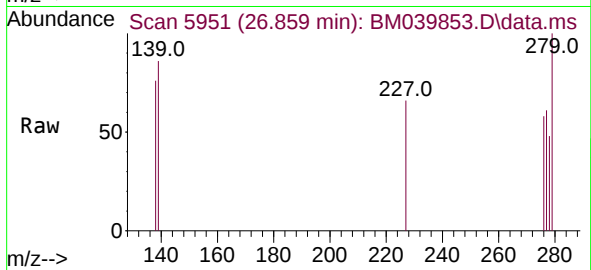
Tgt Ion:278 Resp: 21
Ion Ratio Lower Upper
278 100
139 185.8 17.0 25.6#
279 203.2 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.432 ng/ul
 RT: 26.859 min Scan# 51
 Delta R.T. -0.073 min
 Lab File: BM039853.D
 Acq: 05 May 2023 19:57

Instrument :
 BNA_M
 ClientSampleId :
 EW950DL



Tgt Ion: 276 Resp: 6
 Ion Ratio Lower Upper
 276 100
 138 131.9 20.1 30.1#
 277 105.5 20.1 30.1#

