

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036944.D
 Acq On : 11 Oct 2022 14:01
 Operator : CG/JU
 Sample : N4991-05DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF5DL

Quant Time: Oct 12 01:26:31 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

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

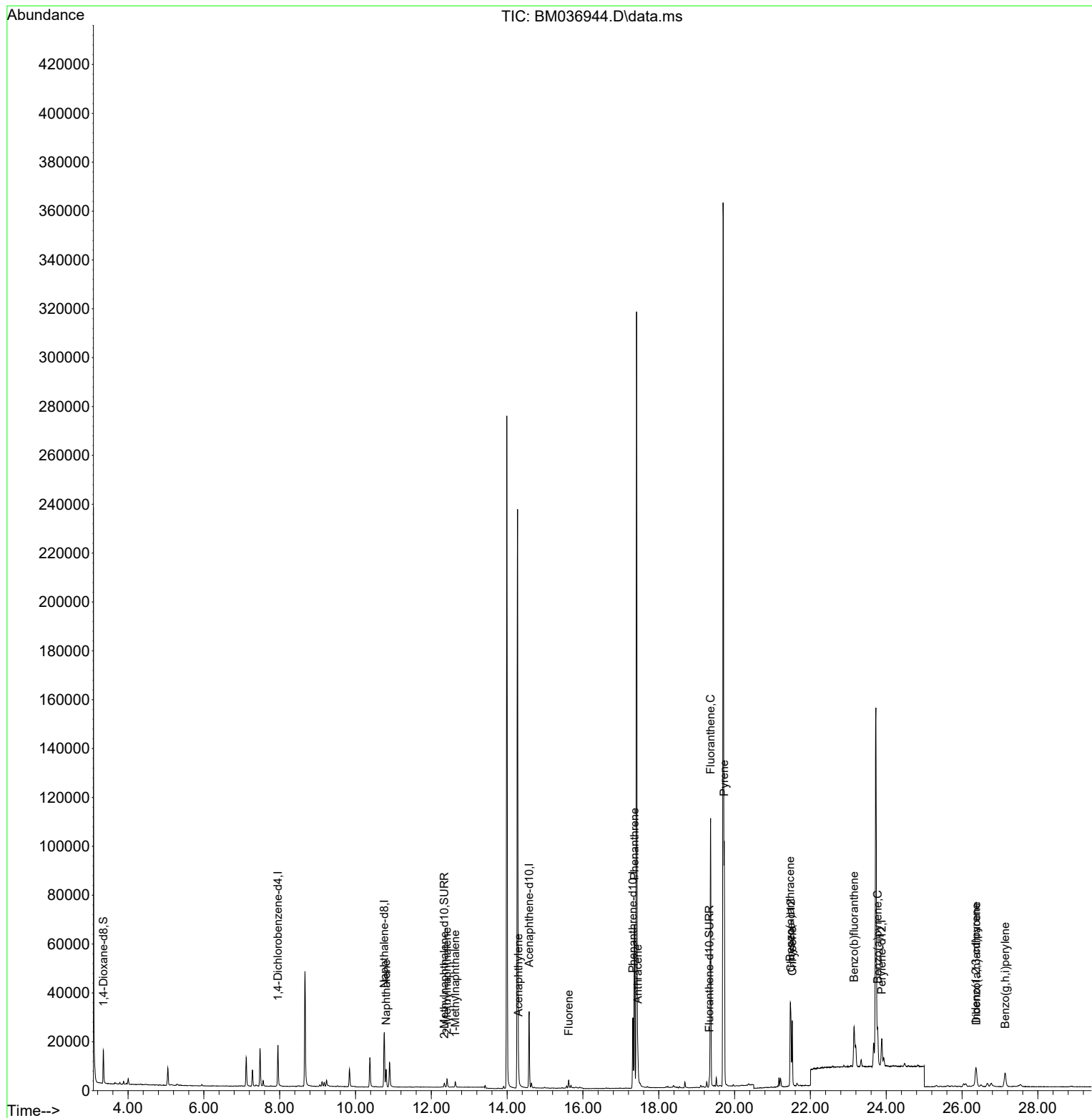
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8544	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	30271	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	16849	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	33134	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	19826	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	15614	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8676	0.720	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2467	0.054	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4309	0.073	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	9731	0.112	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	2539	0.048	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	1534	0.029	ng/ul	98
10) Acenaphthylene	14.302	152	6096	0.087	ng/ul	97
12) Fluorene	15.625	166	2161	0.031	ng/ul#	96
15) Phenanthrene	17.360	178	71535	0.676	ng/ul	99
16) Anthracene	17.448	178	9617	0.109	ng/ul	98
19) Fluoranthene	19.368	202	94853	1.203	ng/ul	97
20) Pyrene	19.726	202	76450	0.930	ng/ul	99
21) Benzo(a)anthracene	21.468	228	25968	0.363	ng/ul	99
22) Chrysene	21.520	228	26346	0.343	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	29357	0.421	ng/ul	93
26) Benzo(a)pyrene	23.774	252	18193	0.321	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.363	276	13823	0.172	ng/ul	96
28) Dibenzo(a,h)anthracene	26.376	278	3203	0.049	ng/ul#	51
29) Benzo(g,h,i)perylene	27.138	276	12439	0.176	ng/ul	96

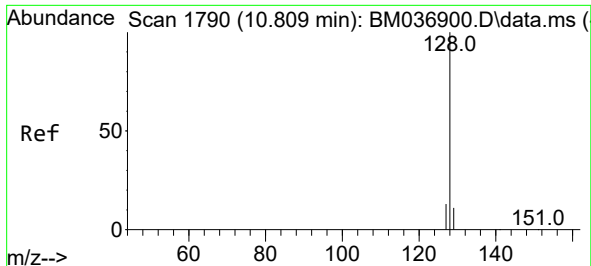
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
Data File : BM036944.D
Acq On : 11 Oct 2022 14:01
Operator : CG/JU
Sample : N4991-05DL 5X
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BF5DL

Quant Time: Oct 12 01:26:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 09:03:52 2022
Response via : Initial Calibration

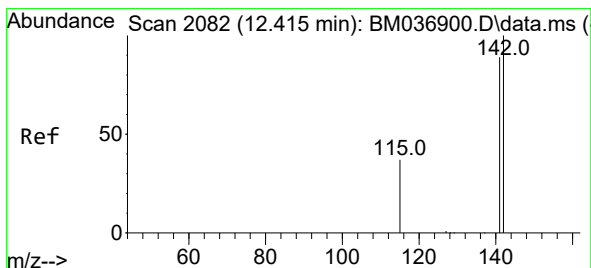
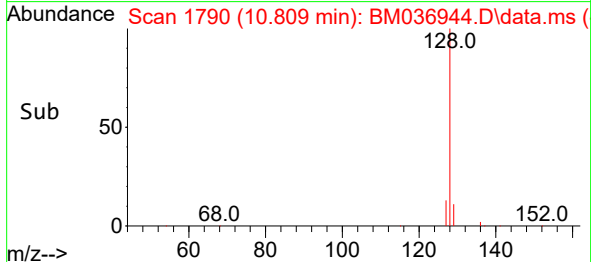
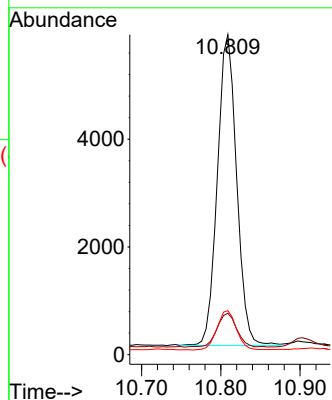
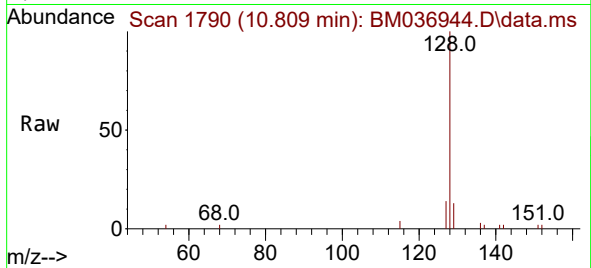




#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.005 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

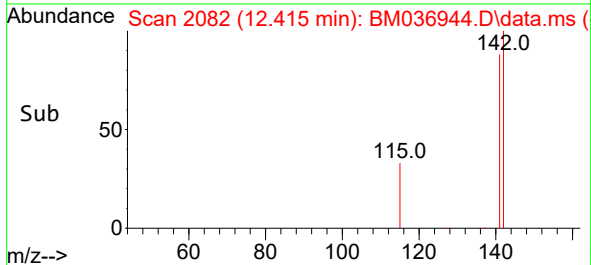
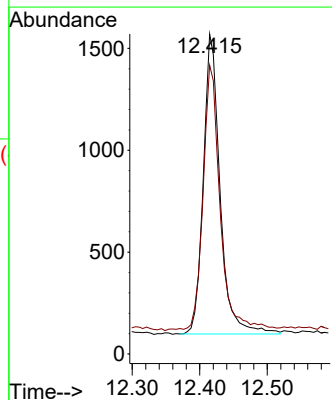
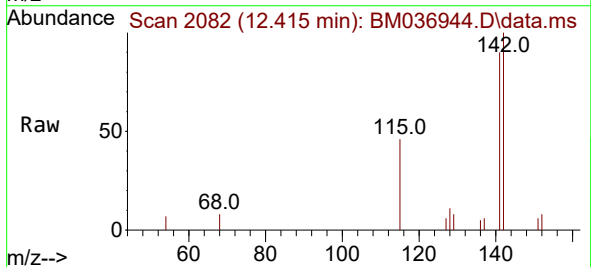
Instrument :
BNA_M
ClientSampleId :
C0BF5DL

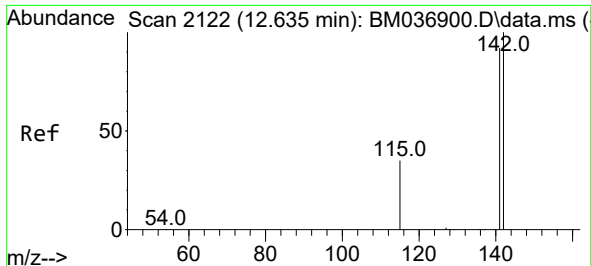
Tgt Ion:128 Resp: 9731
Ion Ratio Lower Upper
128 100
129 13.0 10.2 15.2
127 13.7 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. -0.000 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:142 Resp: 2539
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0

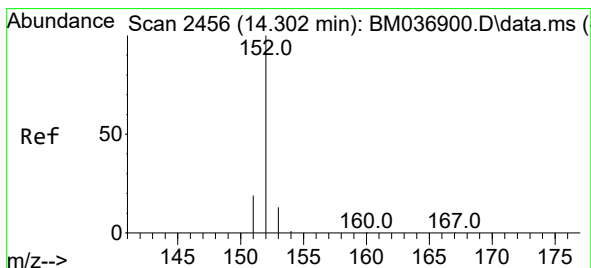
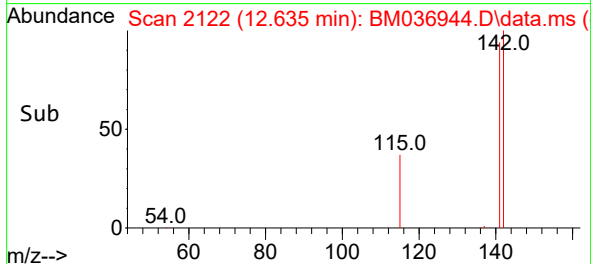
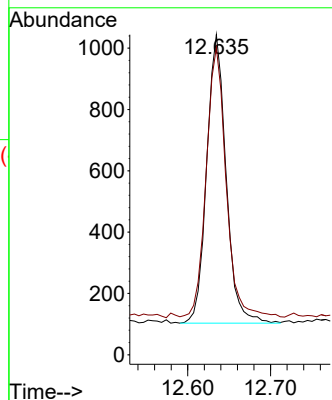
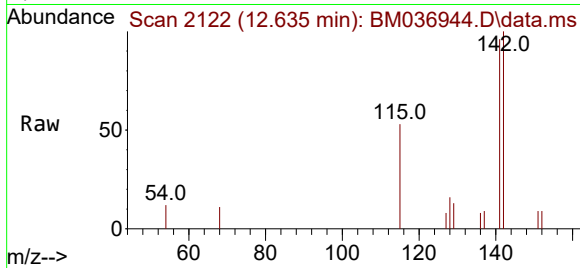




#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. 0.005 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

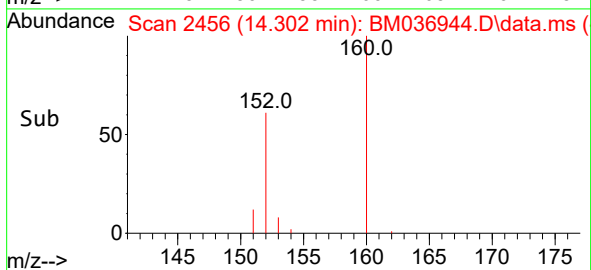
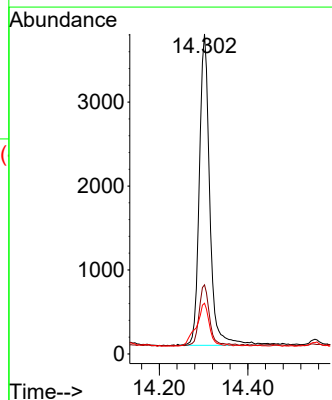
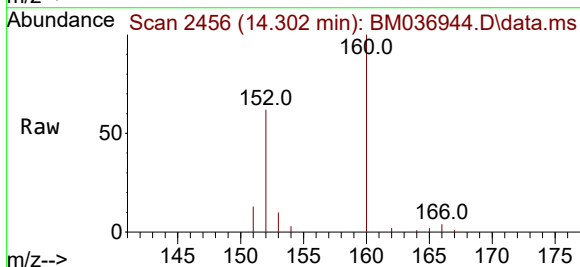
Instrument :
BNA_M
ClientSampleId :
C0BF5DL

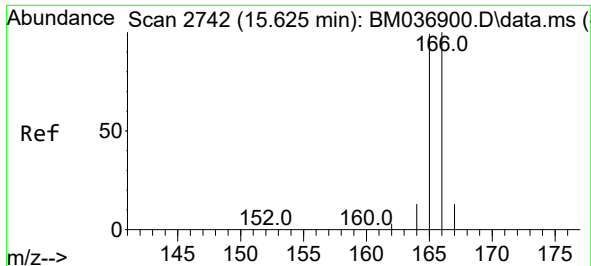
Tgt Ion:142 Resp: 1534
Ion Ratio Lower Upper
142 100
141 94.5 74.1 111.1



#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:152 Resp: 6096
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8
153 15.8 11.4 17.0

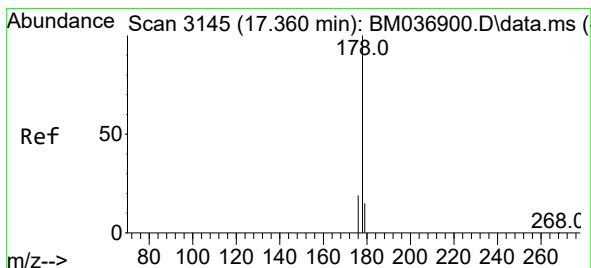
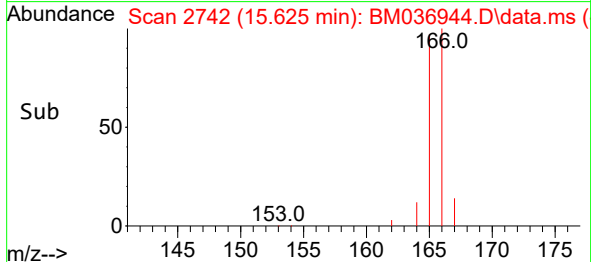
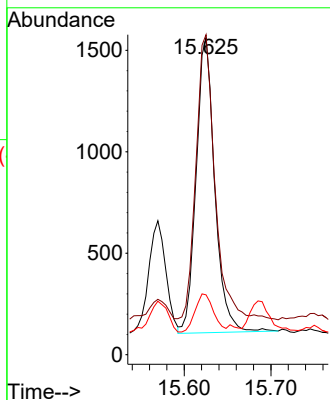
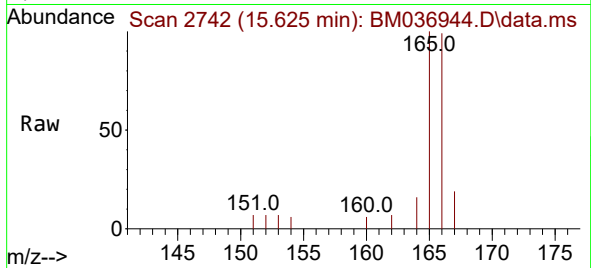




#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.625 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

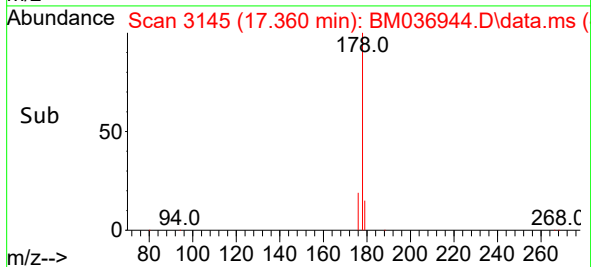
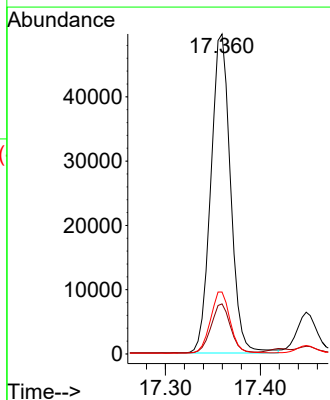
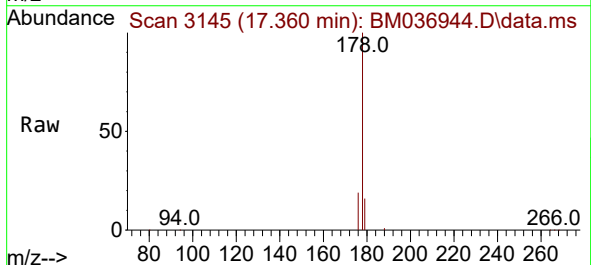
Instrument :
BNA_M
ClientSampleId :
C0BF5DL

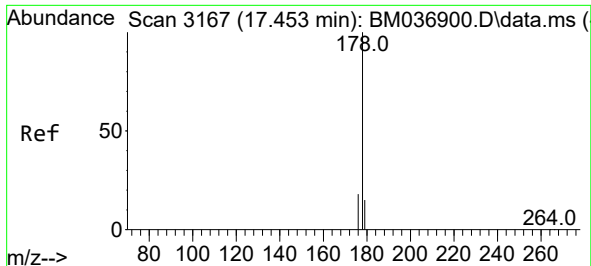
Tgt Ion:166 Resp: 2161
Ion Ratio Lower Upper
166 100
165 101.0 78.9 118.3
167 18.9 11.3 16.9#



#15
Phenanthrene
Concen: 0.676 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:178 Resp: 71535
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.3 15.6 23.4

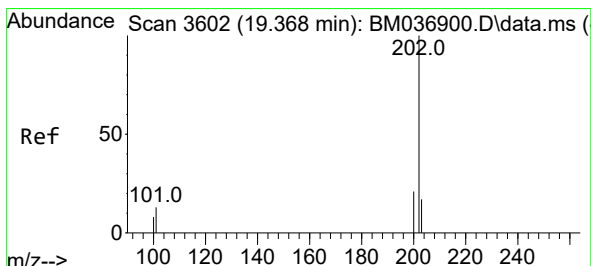
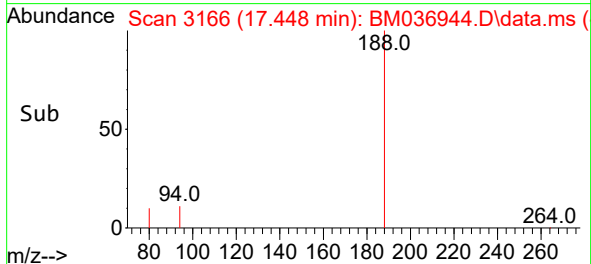
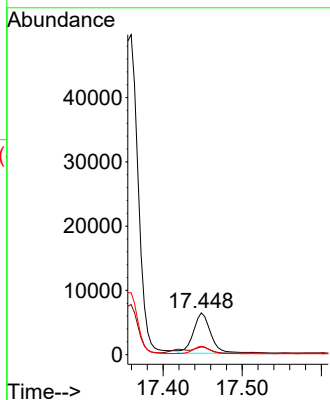
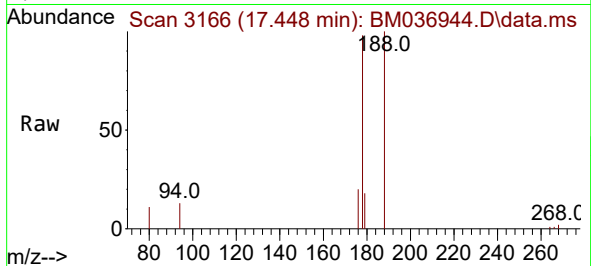




#16
 Anthracene
 Concen: 0.109 ng/ul
 RT: 17.448 min Scan# 3166
 Delta R.T. -0.000 min
 Lab File: BM036944.D
 Acq: 11 Oct 2022 14:01

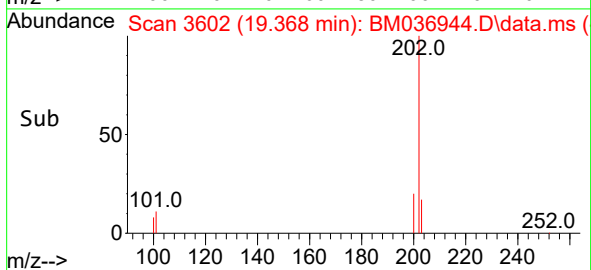
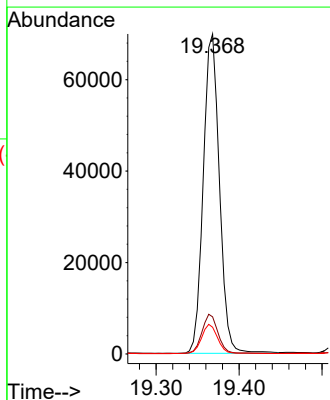
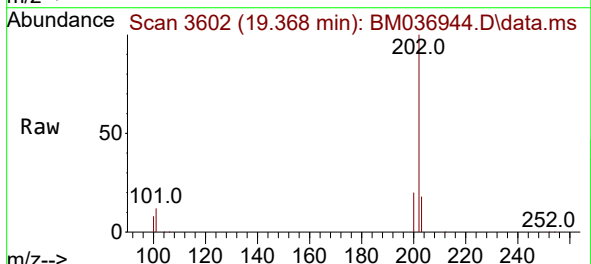
Instrument :
 BNA_M
 ClientSampleId :
 C0BF5DL

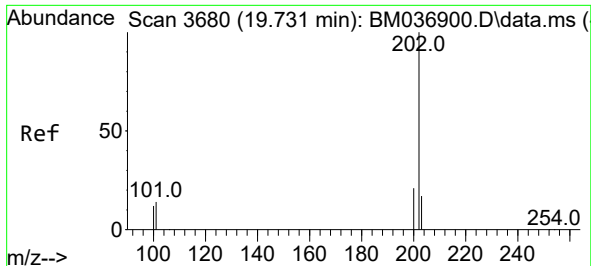
Tgt Ion:178 Resp: 9617
 Ion Ratio Lower Upper
 178 100
 179 18.5 13.6 20.4
 176 20.2 15.6 23.4



#19
 Fluoranthene
 Concen: 1.203 ng/ul
 RT: 19.368 min Scan# 3602
 Delta R.T. 0.005 min
 Lab File: BM036944.D
 Acq: 11 Oct 2022 14:01

Tgt Ion:202 Resp: 94853
 Ion Ratio Lower Upper
 202 100
 101 11.6 10.1 15.1
 100 8.4 7.9 11.9

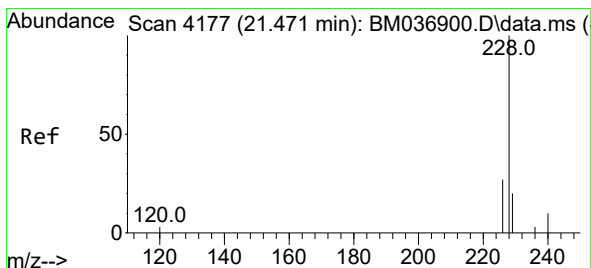
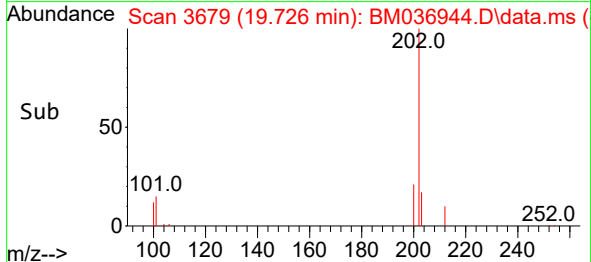
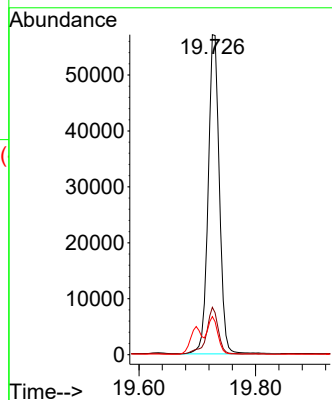
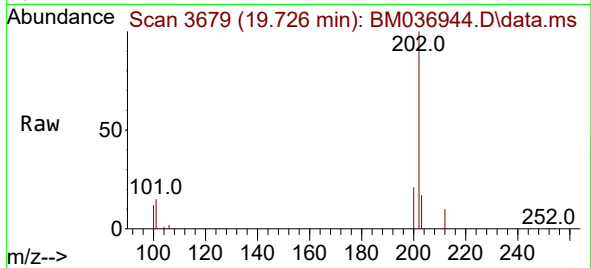




#20
Pyrene
Concen: 0.930 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

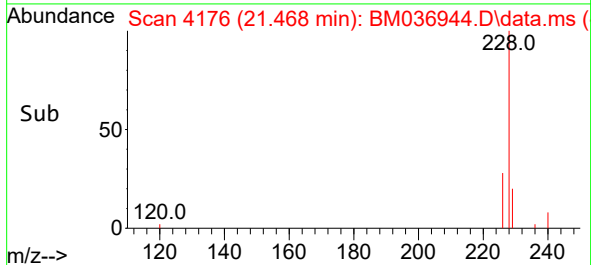
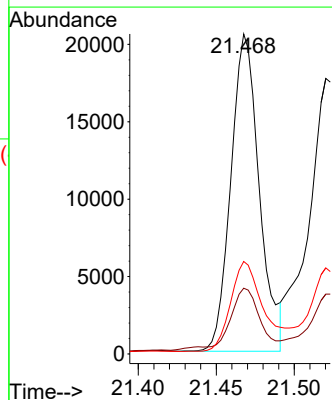
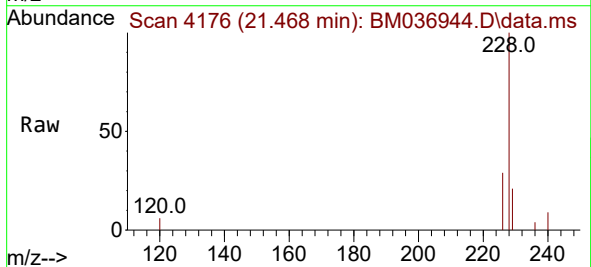
Instrument :
BNA_M
ClientSampleId :
C0BF5DL

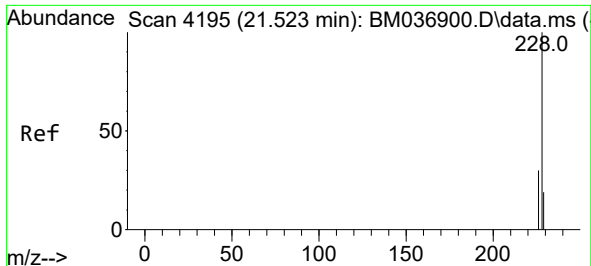
Tgt Ion:202 Resp: 76450
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 11.9 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

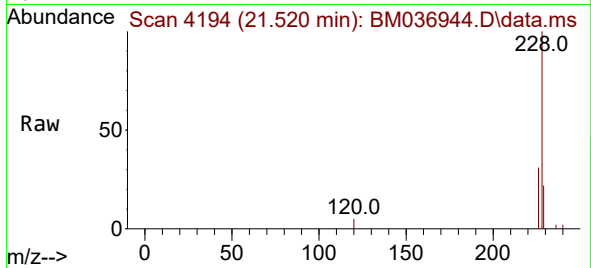
Tgt Ion:228 Resp: 25968
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.9 22.5 33.7





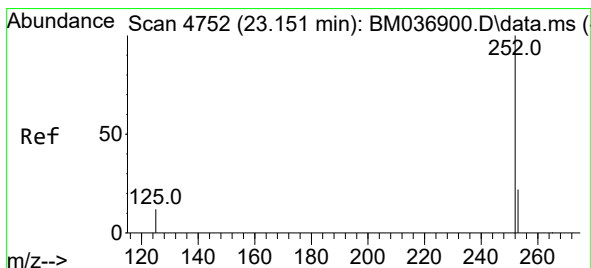
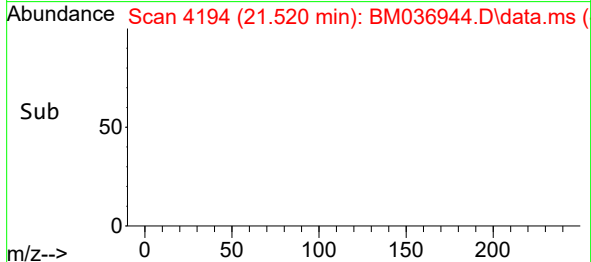
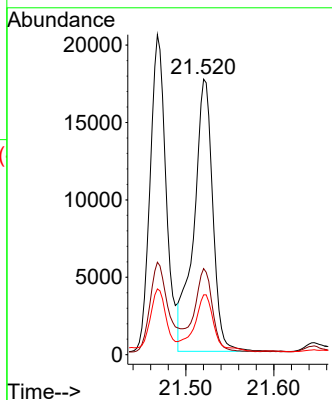
#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Instrument :
BNA_M
ClientSampleId :
C0BF5DL



Tgt Ion:228 Resp: 26346

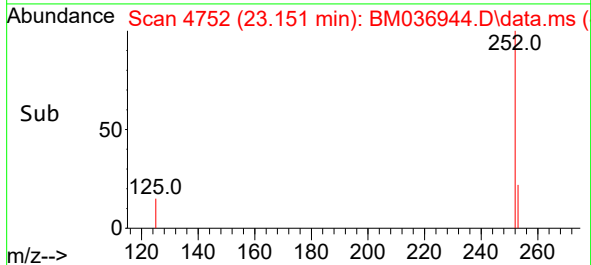
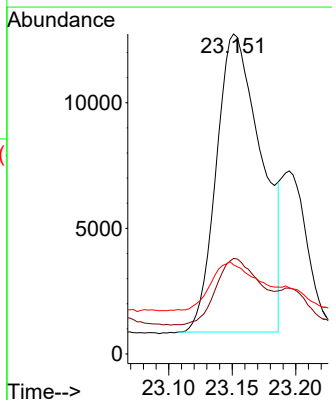
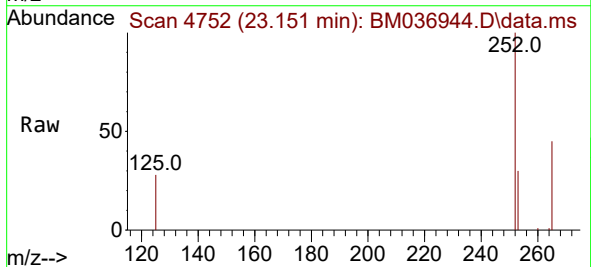
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.7	16.4	24.6

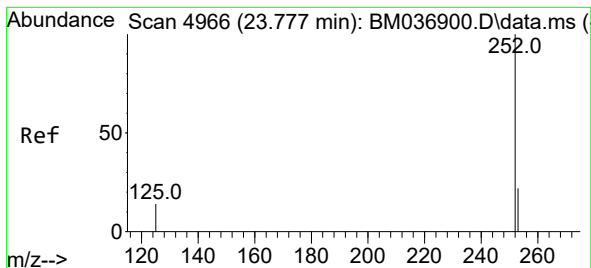


#24
Benzo(b)fluoranthene
Concen: 0.421 ng/ul
RT: 23.151 min Scan# 4752
Delta R.T. 0.006 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:252 Resp: 29357

Ion	Ratio	Lower	Upper
252	100		
253	29.9	0.0	61.4
125	27.9	0.0	42.6

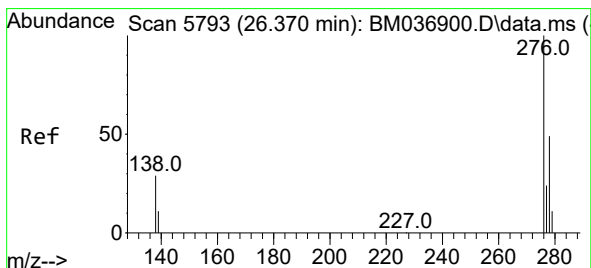
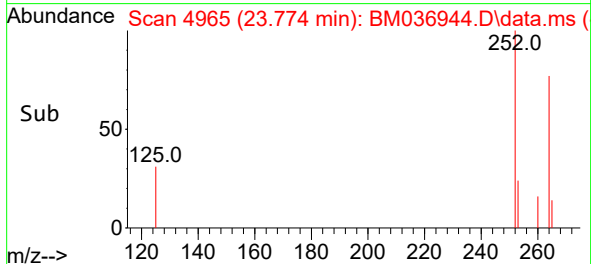
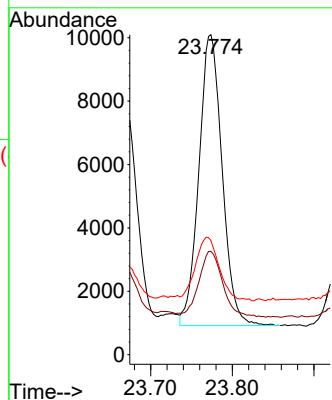
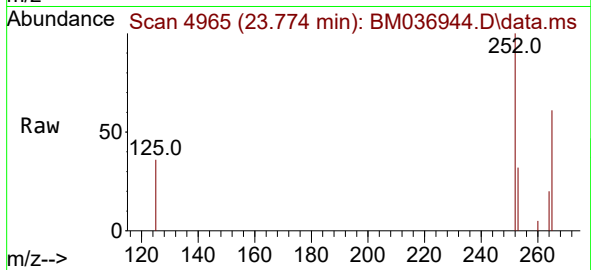




#26
Benzo(a)pyrene
Concen: 0.321 ng/ul
RT: 23.774 min Scan# 4966
Delta R.T. 0.003 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

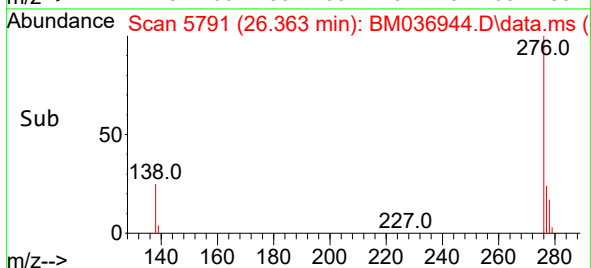
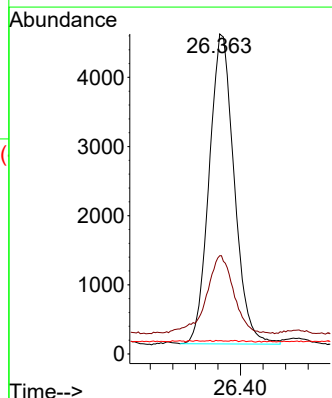
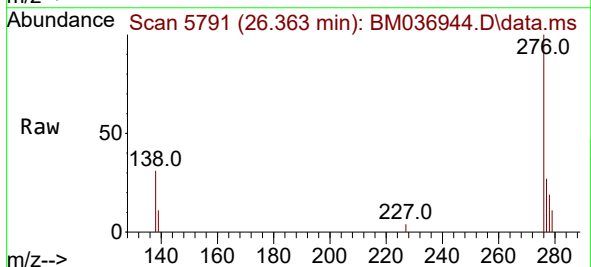
Instrument :
BNA_M
ClientSampleId :
C0BF5DL

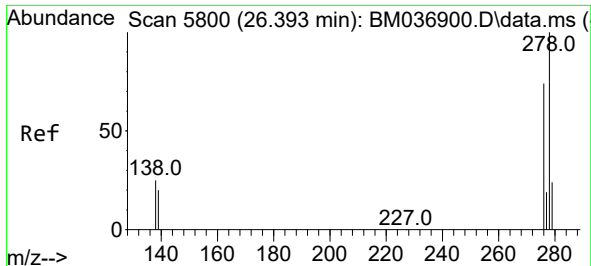
Tgt Ion:252 Resp: 18193
Ion Ratio Lower Upper
252 100
253 32.3 29.7 44.5
125 35.7 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.172 ng/ul
RT: 26.363 min Scan# 5791
Delta R.T. -0.000 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:276 Resp: 13823
Ion Ratio Lower Upper
276 100
138 27.7 23.9 35.9
227 0.1 0.1 0.1

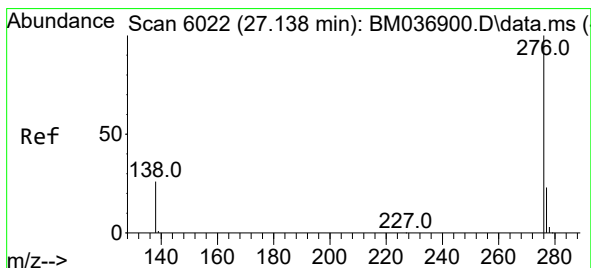
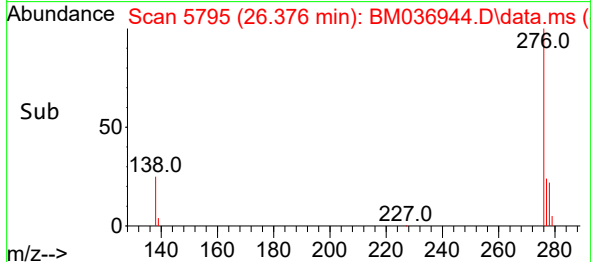
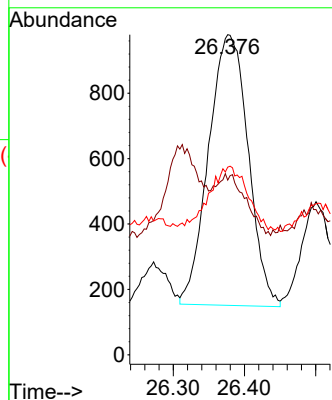
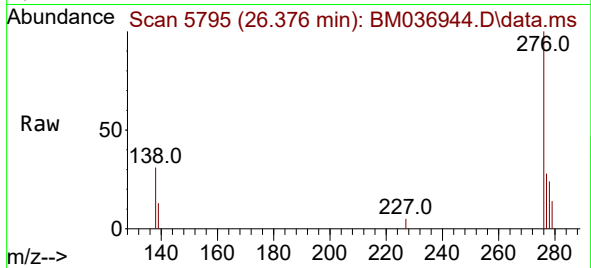




#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 26.376 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Instrument :
BNA_M
ClientSampleId :
C0BF5DL

Tgt Ion:278 Resp: 3203
Ion Ratio Lower Upper
278 100
139 54.5 19.8 29.6#
279 58.6 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.176 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM036944.D
Acq: 11 Oct 2022 14:01

Tgt Ion:276 Resp: 12439
Ion Ratio Lower Upper
276 100
138 32.1 23.4 35.0
277 27.4 21.0 31.4

