

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
 Data File : BM046548.D
 Acq On : 12 Jul 2024 15:44
 Operator : MA/JU
 Sample : P3088-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4DP1

Quant Time: Jul 12 16:13:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 05:09:19 2024
 Response via : Initial Calibration

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

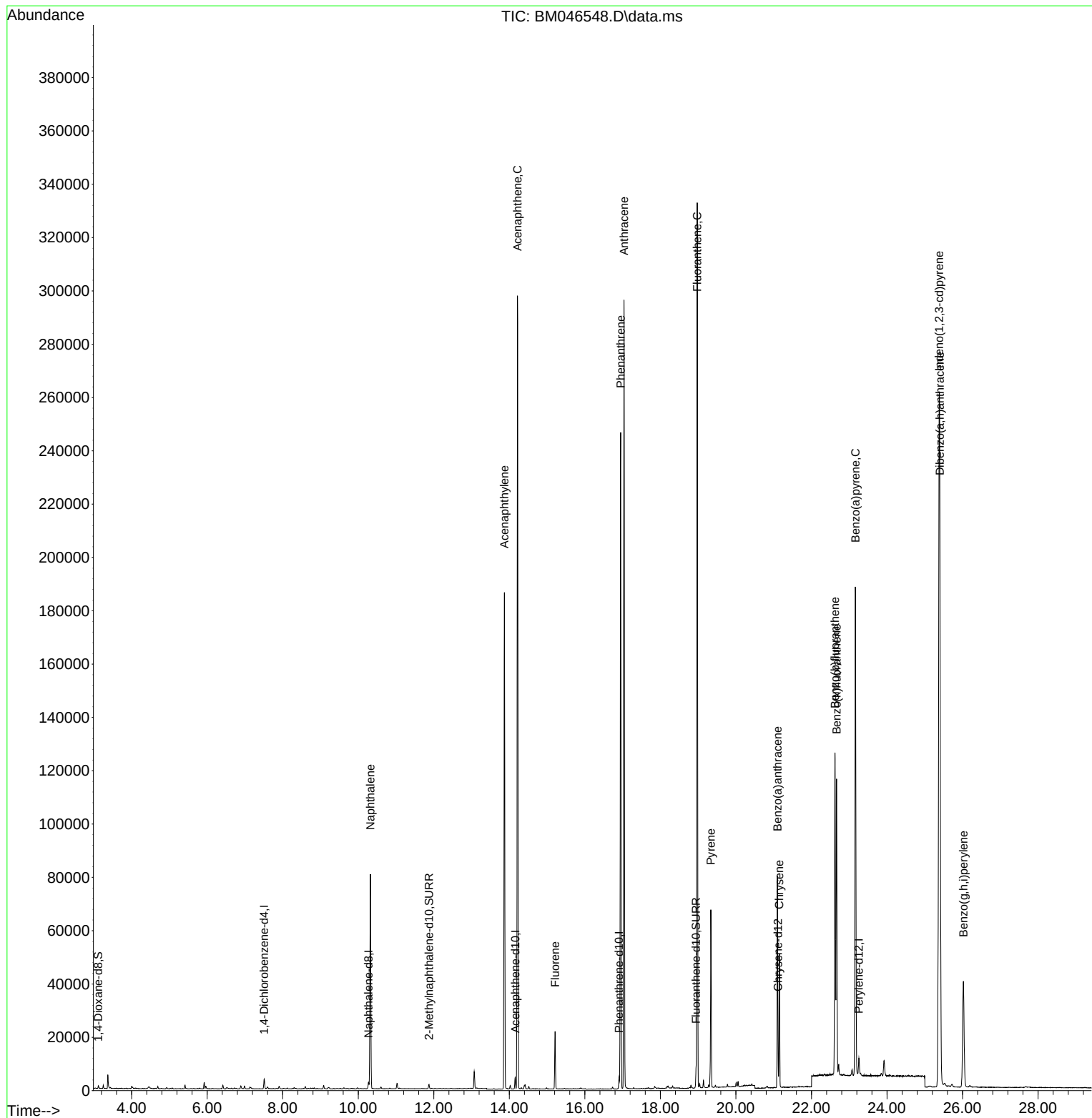
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1352	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.271	136	3265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.155	164	2243	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.905	188	5470	0.400	ng/ul	0.00
17) Chrysene-d12	21.114	240	6727	0.400	ng/ul	# 0.00
23) Perylene-d12	23.256	264	7660	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	620	0.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	2014	0.383	ng/ul	0.00
18) Fluoranthene-d10	18.942	212	7134	0.349	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.321	128	103099	12.413	ng/ul	95
10) Acenaphthylene	13.868	152	199713	19.559	ng/ul	97
11) Acenaphthene	14.215	153	165919	24.254	ng/ul	96
12) Fluorene	15.210	166	12880	1.522	ng/ul	96
15) Phenanthrene	16.947	178	242478	15.534	ng/ul	98
16) Anthracene	17.036	178	306481	20.120	ng/ul	97
19) Fluoranthene	18.974	202	298495	10.803	ng/ul#	98
20) Pyrene	19.337	202	57747	1.930	ng/ul	98
21) Benzo(a)anthracene	21.099	228	64087	2.154	ng/ul	98
22) Chrysene	21.149	228	41506	1.441	ng/ul	99
24) Benzo(b)fluoranthene	22.621	252	148572	4.856	ng/ul	90
25) Benzo(k)fluoranthene	22.665	252	130626	4.349	ng/ul#	91
26) Benzo(a)pyrene	23.162	252	253742	10.076	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.380	276	390465	10.189	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.400	278	196328	6.471	ng/ul	92
29) Benzo(g,h,i)perylene	26.024	276	82693	2.705	ng/ul	97

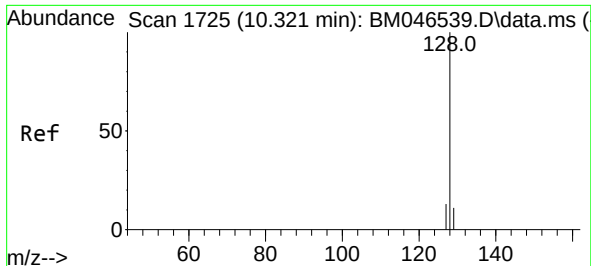
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046548.D
Acq On : 12 Jul 2024 15:44
Operator : MA/JU
Sample : P3088-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4DP1

Quant Time: Jul 12 16:13:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 05:09:19 2024
Response via : Initial Calibration

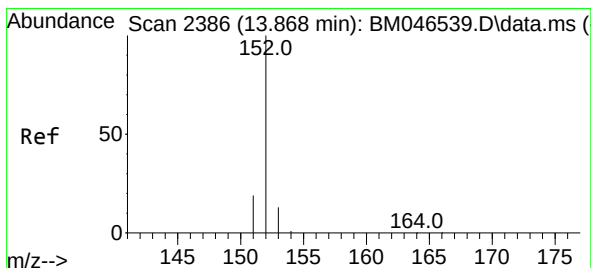
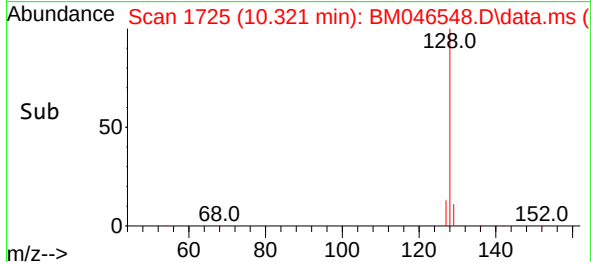
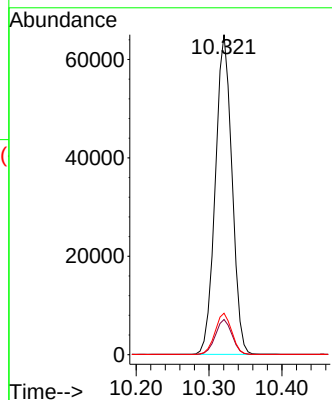
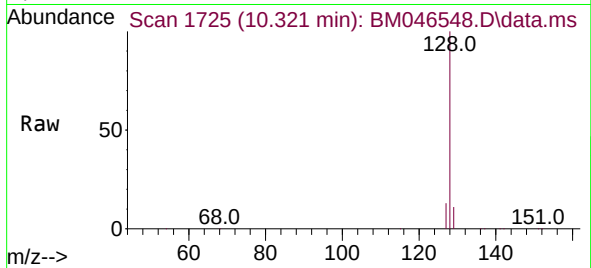




#5
Naphthalene
Concen: 12.413 ng/ul
RT: 10.321 min Scan# 1725
Delta R.T. -0.004 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

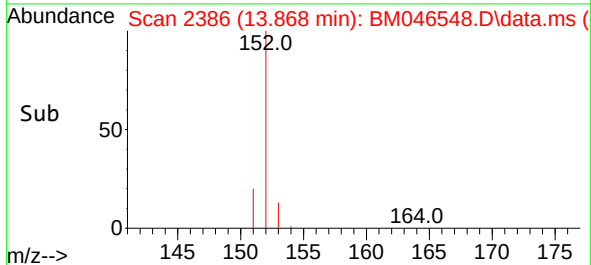
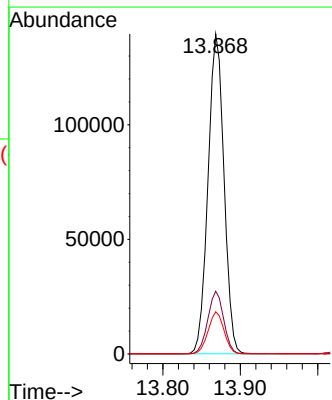
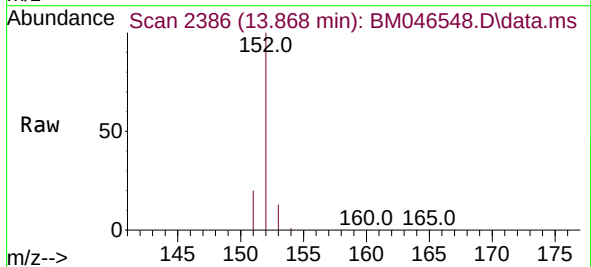
Instrument :
BNA_M
ClientSampleId :
A4DP1

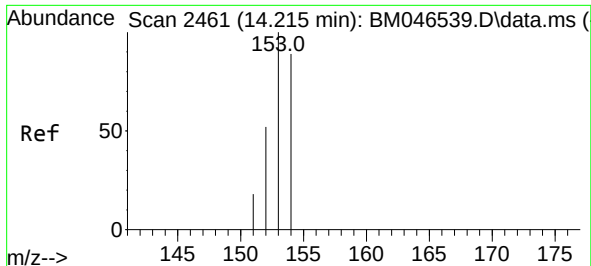
Tgt Ion:128 Resp: 103099
Ion Ratio Lower Upper
128 100
129 11.0 10.3 15.5
127 12.9 12.2 18.4



#10
Acenaphthylene
Concen: 19.559 ng/ul
RT: 13.868 min Scan# 2386
Delta R.T. -0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:152 Resp: 199713
Ion Ratio Lower Upper
152 100
151 19.6 16.4 24.6
153 13.2 12.4 18.6

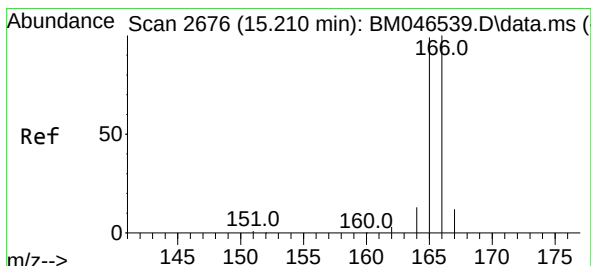
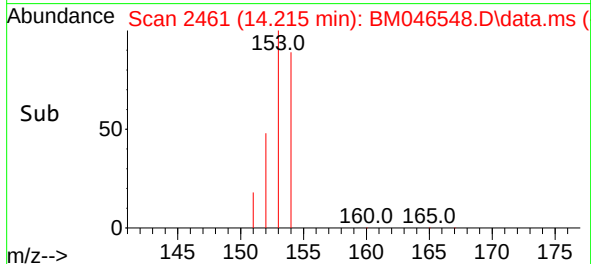
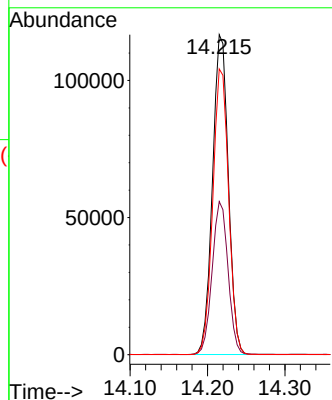
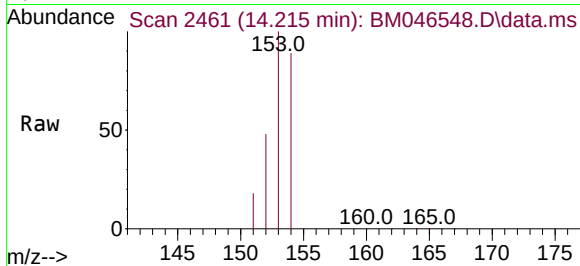




#11
Acenaphthene
Concen: 24.254 ng/ul
RT: 14.215 min Scan# 2461
Delta R.T. -0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

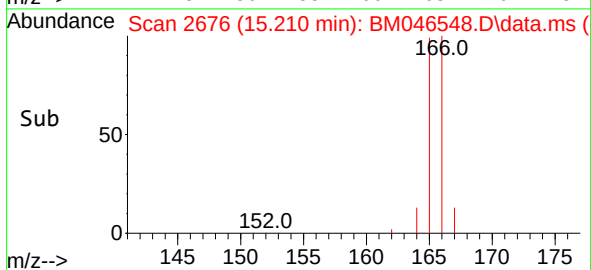
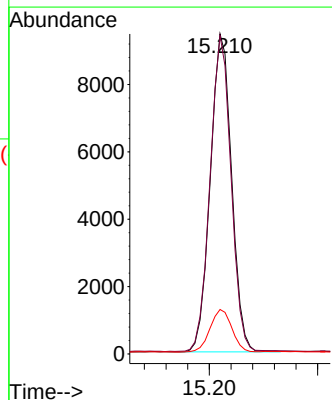
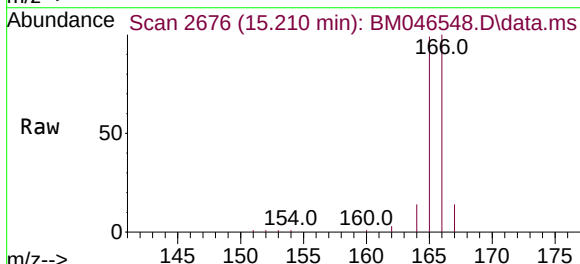
Instrument :
BNA_M
ClientSampleId :
A4DP1

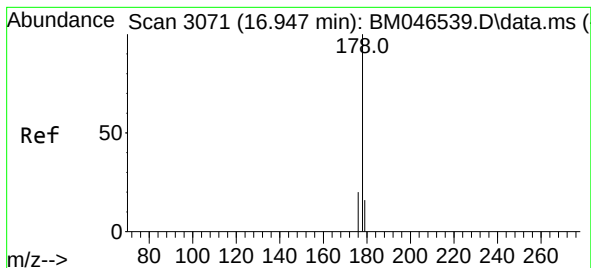
Tgt Ion:153 Resp: 165919
Ion Ratio Lower Upper
153 100
152 47.9 43.0 64.6
154 89.3 69.9 104.9



#12
Fluorene
Concen: 1.522 ng/ul
RT: 15.210 min Scan# 2676
Delta R.T. -0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:166 Resp: 12880
Ion Ratio Lower Upper
166 100
165 99.5 76.1 114.1
167 13.9 12.5 18.7





#15

Phenanthrene

Concen: 15.534 ng/ul

RT: 16.947 min Scan# 3071

Delta R.T. -0.003 min

Lab File: BM046548.D

Acq: 12 Jul 2024 15:44

Instrument :

BNA_M

ClientSampleId :

A4DP1

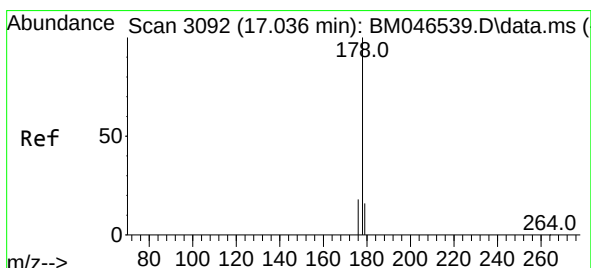
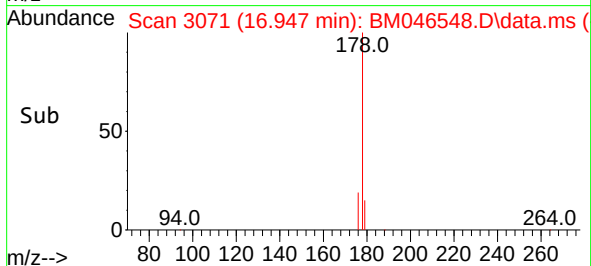
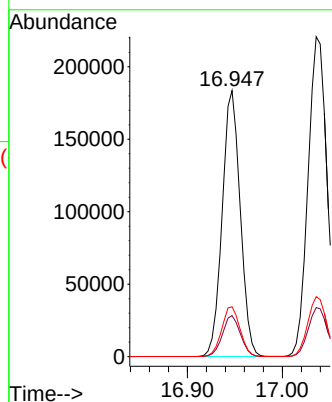
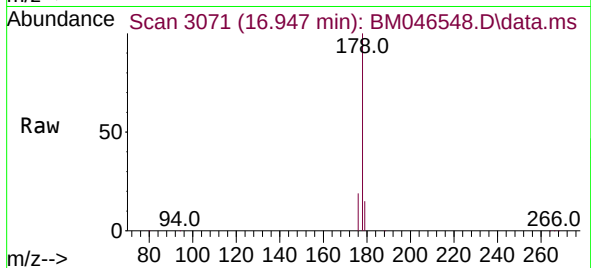
Tgt Ion:178 Resp: 242478

Ion Ratio Lower Upper

178 100

179 15.4 13.1 19.7

176 18.8 16.0 24.0



#16

Anthracene

Concen: 20.120 ng/ul

RT: 17.036 min Scan# 3092

Delta R.T. -0.003 min

Lab File: BM046548.D

Acq: 12 Jul 2024 15:44

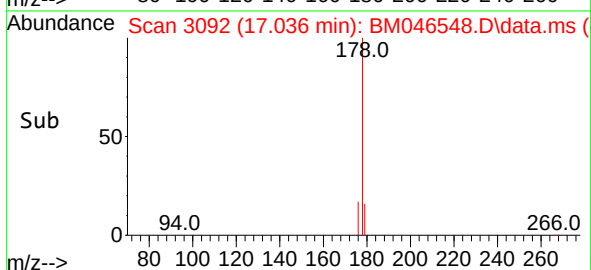
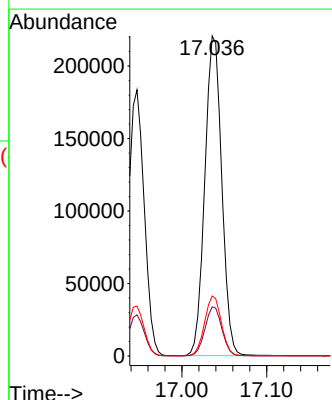
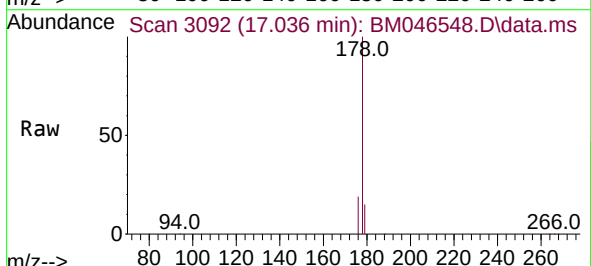
Tgt Ion:178 Resp: 306481

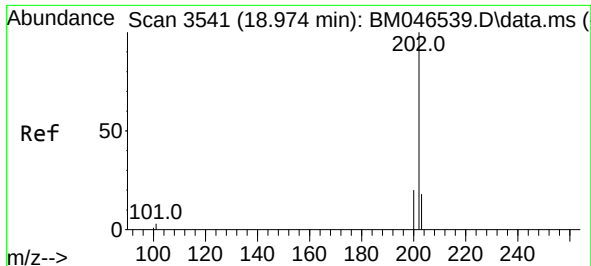
Ion Ratio Lower Upper

178 100

179 15.3 13.5 20.3

176 18.8 15.7 23.5

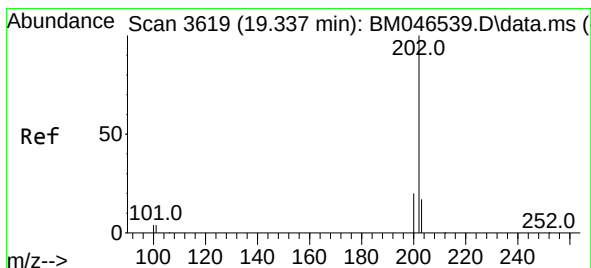
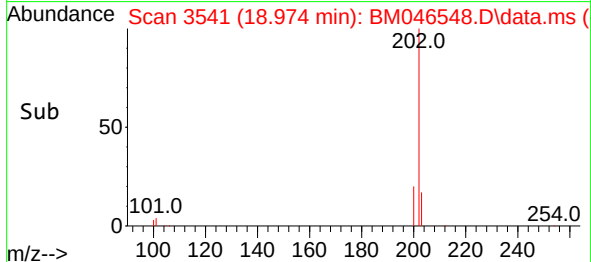
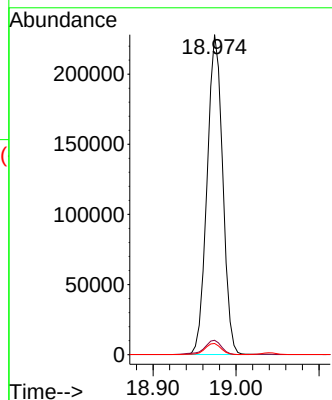
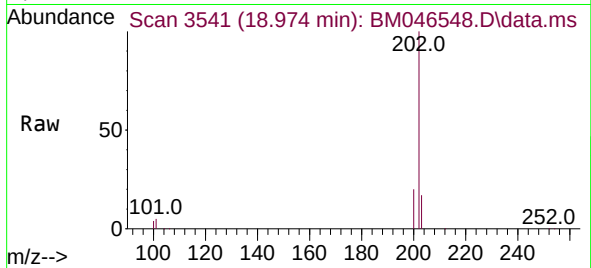




#19
Fluoranthene
Concen: 10.803 ng/ul
RT: 18.974 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

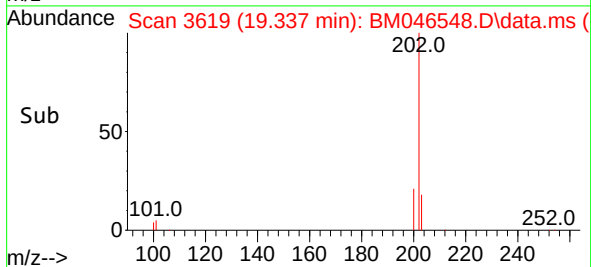
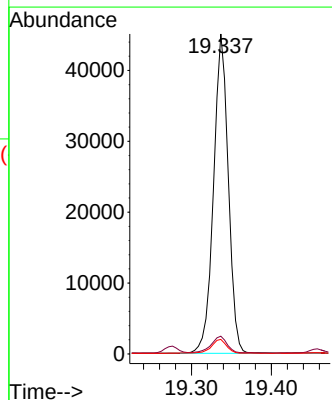
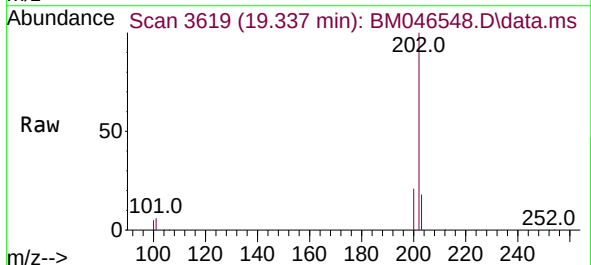
Instrument :
BNA_M
ClientSampleId :
A4DP1

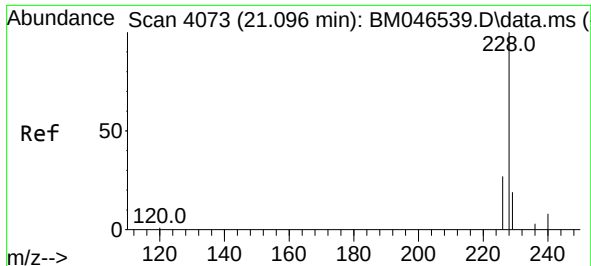
Tgt Ion:202 Resp: 298495
Ion Ratio Lower Upper
202 100
101 4.5 4.6 6.8#
100 3.5 3.0 4.6



#20
Pyrene
Concen: 1.930 ng/ul
RT: 19.337 min Scan# 3619
Delta R.T. -0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

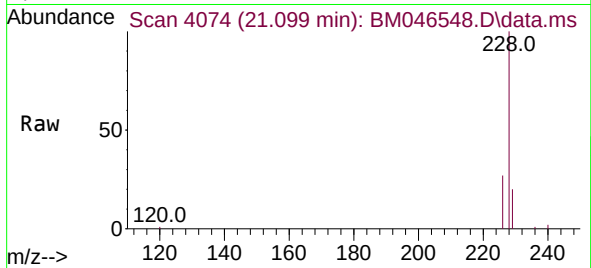
Tgt Ion:202 Resp: 57747
Ion Ratio Lower Upper
202 100
101 5.5 5.1 7.7
100 4.5 3.8 5.6



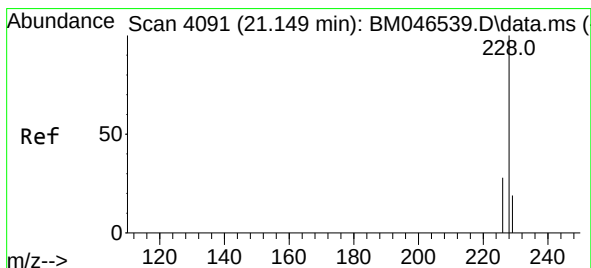
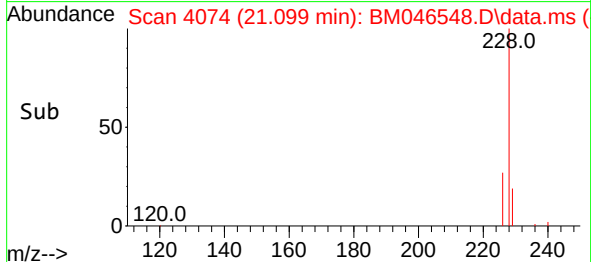
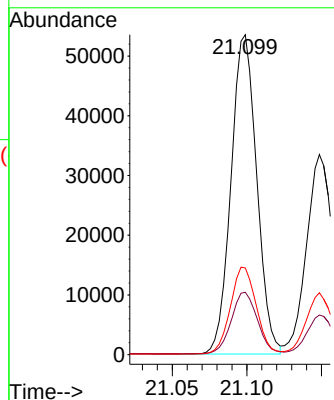


#21
Benzo(a)anthracene
Concen: 2.154 ng/ul
RT: 21.099 min Scan# 4074
Delta R.T. 0.002 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Instrument :
BNA_M
ClientSampleId :
A4DP1

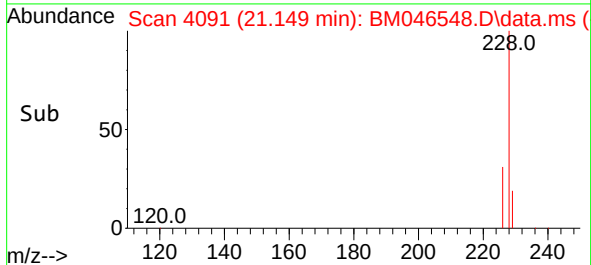
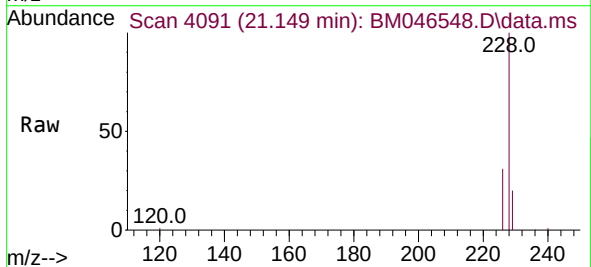
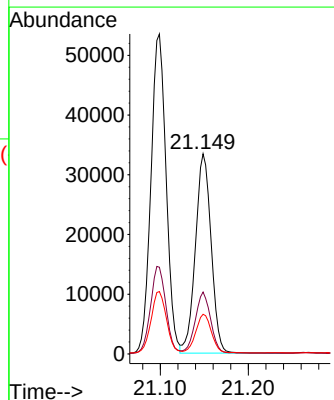


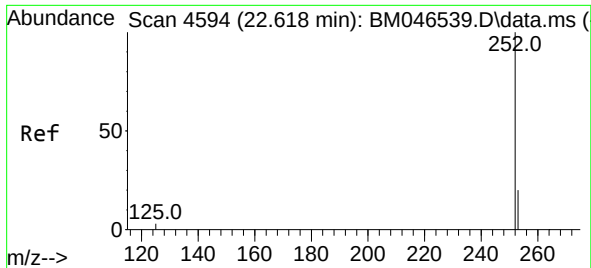
Tgt Ion:228 Resp: 64087
Ion Ratio Lower Upper
228 100
229 19.5 16.5 24.7
226 27.1 22.5 33.7



#22
Chrysene
Concen: 1.441 ng/ul
RT: 21.149 min Scan# 4091
Delta R.T. -0.000 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:228 Resp: 41506
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.9 16.4 24.6

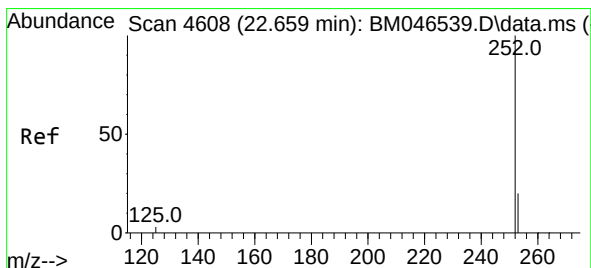
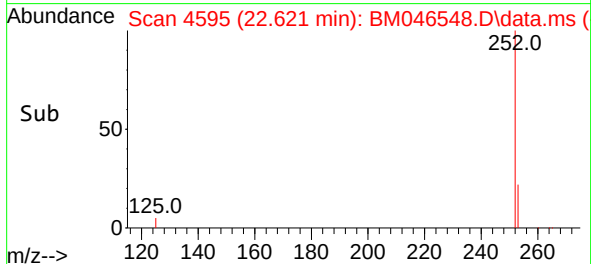
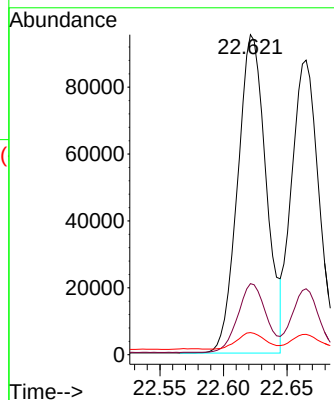
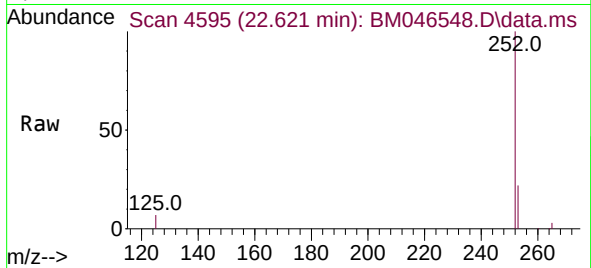




#24
Benzo(b)fluoranthene
Concen: 4.856 ng/ul
RT: 22.621 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

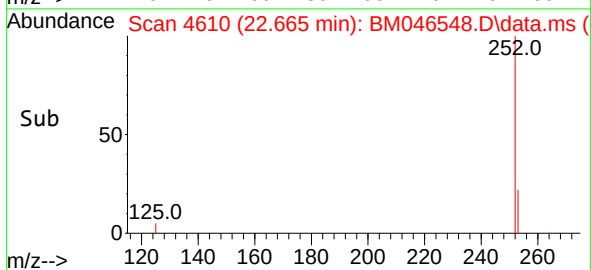
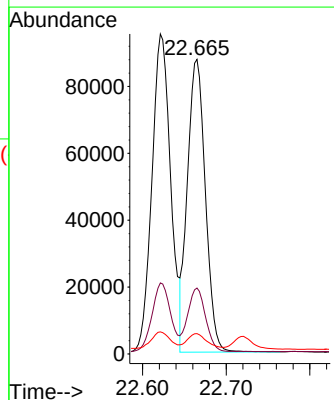
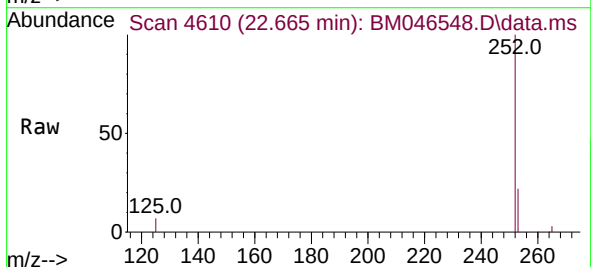
Instrument :
BNA_M
ClientSampleId :
A4DP1

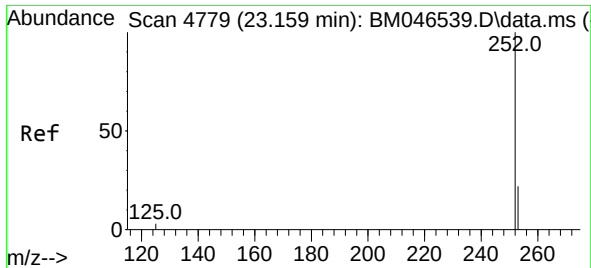
Tgt Ion:252 Resp: 148572
Ion Ratio Lower Upper
252 100
253 22.2 0.0 56.2
125 6.9 0.0 17.8



#25
Benzo(k)fluoranthene
Concen: 4.349 ng/ul
RT: 22.665 min Scan# 4610
Delta R.T. 0.002 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:252 Resp: 130626
Ion Ratio Lower Upper
252 100
253 22.4 22.4 33.6#
125 6.9 7.0 10.4#

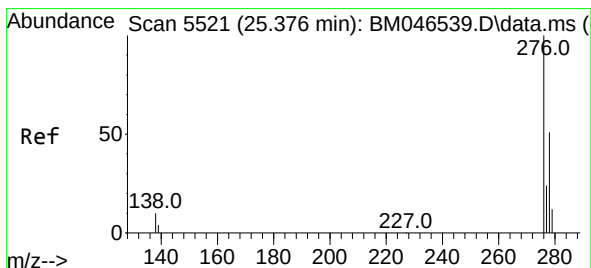
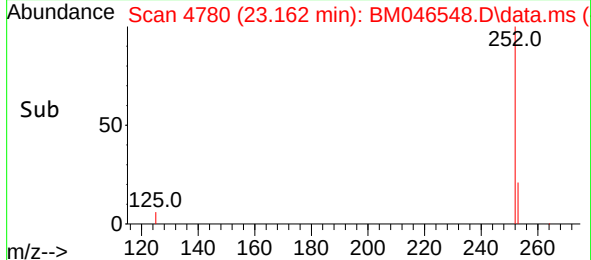
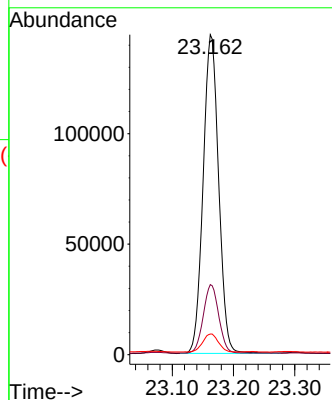
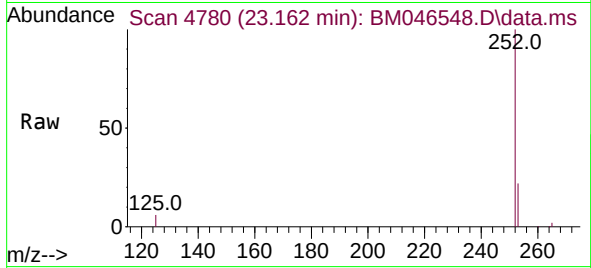




#26
Benzo(a)pyrene
Concen: 10.076 ng/ul
RT: 23.162 min Scan# 4779
Delta R.T. -0.000 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

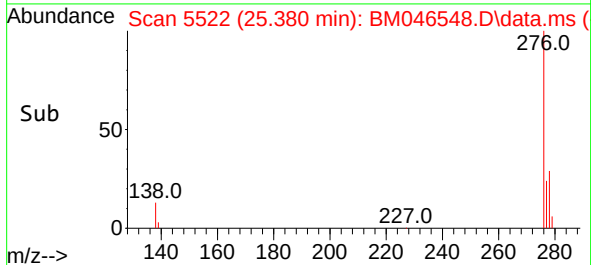
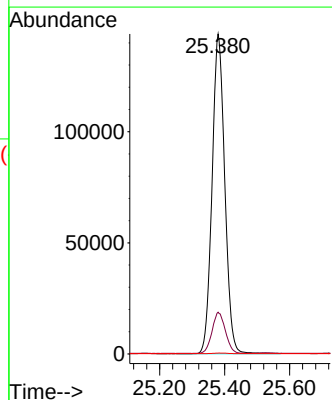
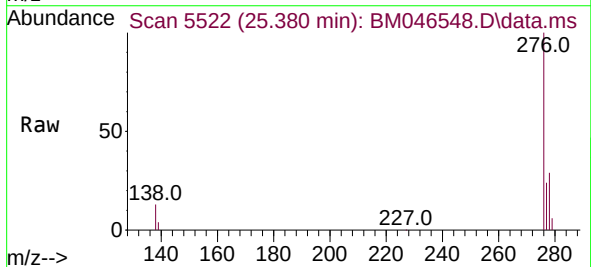
Instrument :
BNA_M
ClientSampleId :
A4DP1

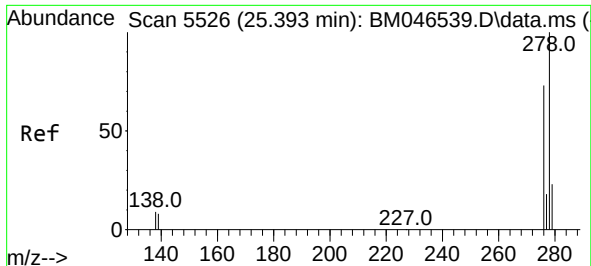
Tgt Ion:252 Resp: 253742
Ion Ratio Lower Upper
252 100
253 21.9 24.0 36.0#
125 6.4 8.2 12.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 10.189 ng/ul
RT: 25.380 min Scan# 5522
Delta R.T. -0.004 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:276 Resp: 390465
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
227 0.2 0.2 0.2

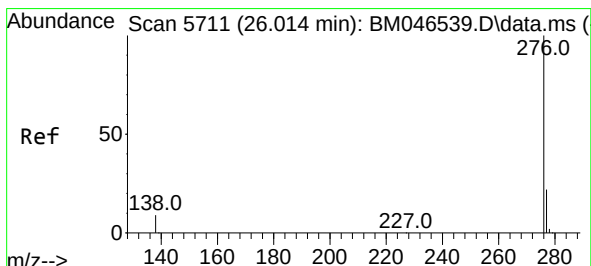
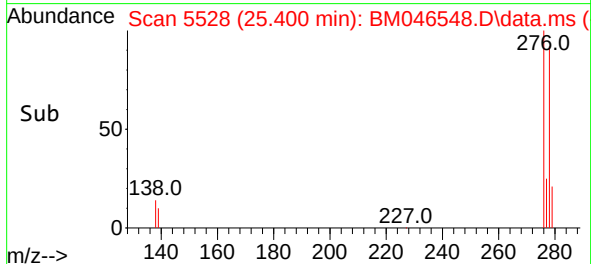
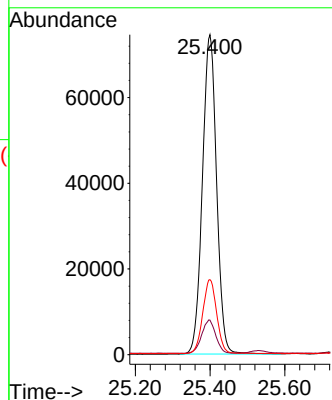
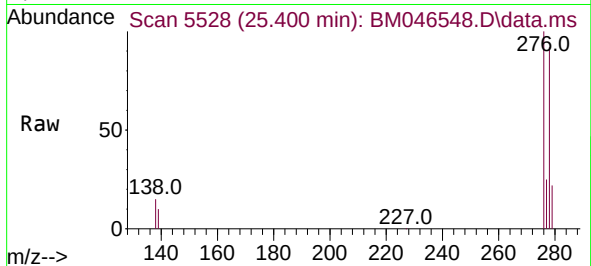




#28
Dibenzo(a,h)anthracene
Concen: 6.471 ng/ul
RT: 25.400 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Instrument :
BNA_M
ClientSampleId :
A4DP1

Tgt Ion:278 Resp: 196328
Ion Ratio Lower Upper
278 100
139 10.8 9.1 13.7
279 23.4 23.2 34.8



#29
Benzo(g,h,i)perylene
Concen: 2.705 ng/ul
RT: 26.024 min Scan# 5714
Delta R.T. 0.003 min
Lab File: BM046548.D
Acq: 12 Jul 2024 15:44

Tgt Ion:276 Resp: 82693
Ion Ratio Lower Upper
276 100
138 13.4 10.2 15.4
277 23.9 20.9 31.3

