

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032362.D
 Acq On : 01 Jul 2024 14:37
 Operator : MA/JU
 Sample : P2934-25DL2 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4DN5DL2

Quant Time: Jul 01 15:02:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

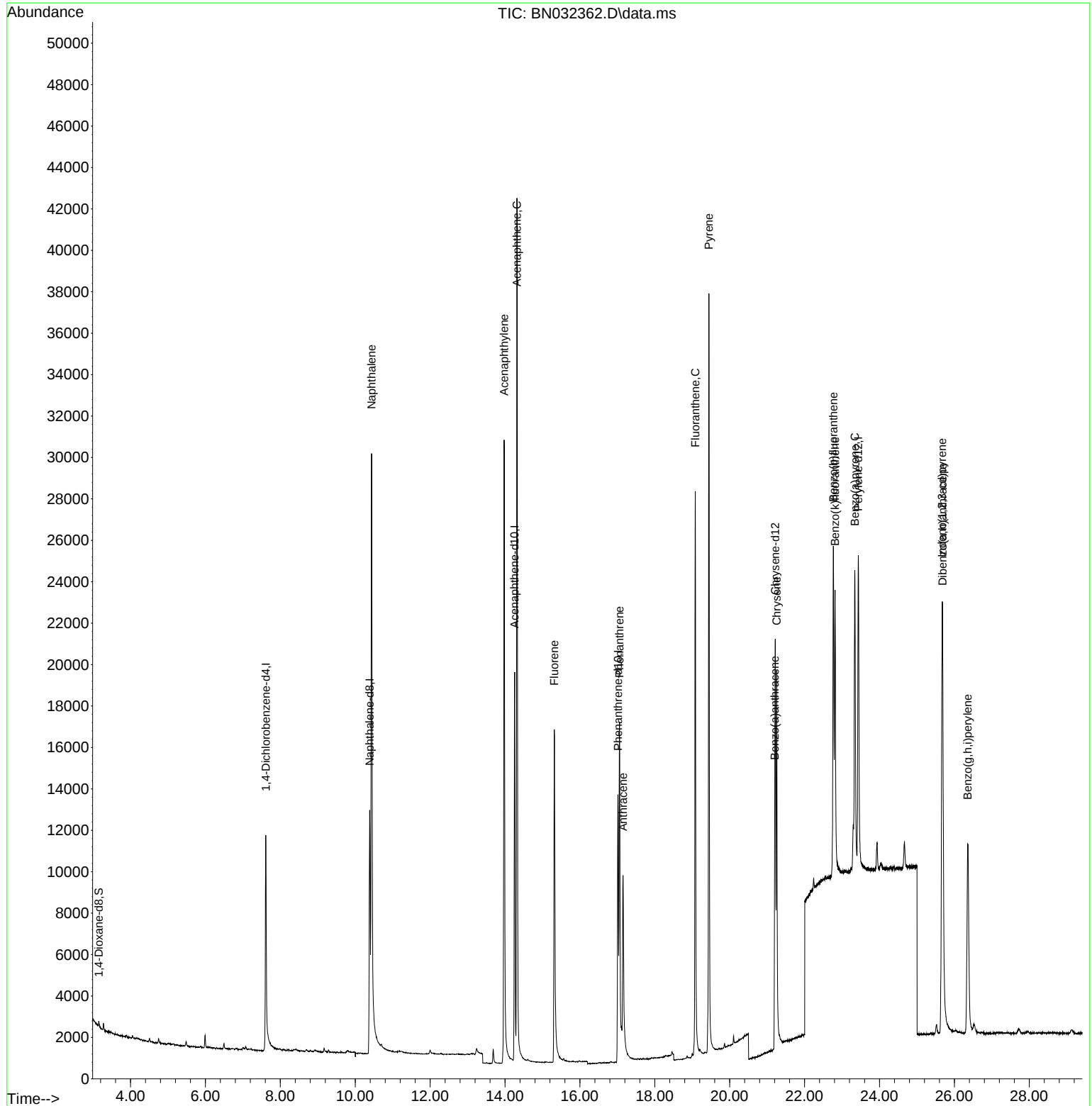
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	6605	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	20639	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	11381	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	19910	0.400	ng/ul	0.00
17) Chrysene-d12	21.217	240	18001	0.400	ng/ul	0.00
23) Perylene-d12	23.436	264	21853	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	247	0.034	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.999	152	443	0.014	ng/ul	0.00
18) Fluoranthene-d10	19.050	212	863	0.016	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.437	128	49603	0.908	ng/ul	99
10) Acenaphthylene	13.976	152	40462	0.855	ng/ul	99
11) Acenaphthene	14.318	153	27399	0.746	ng/ul	98
12) Fluorene	15.317	166	14830	0.339	ng/ul	100
15) Phenanthrene	17.058	178	21276	0.390	ng/ul	99
16) Anthracene	17.151	178	13932	0.286	ng/ul	97
19) Fluoranthene	19.083	202	27686	0.404	ng/ul	99
20) Pyrene	19.445	202	34437	0.481	ng/ul	100
21) Benzo(a)anthracene	21.203	228	8970	0.138	ng/ul	96
22) Chrysene	21.255	228	17973	0.252	ng/ul	97
24) Benzo(b)fluoranthene	22.769	252	21600	0.228	ng/ul	88
25) Benzo(k)fluoranthene	22.813	252	18946	0.205	ng/ul#	84
26) Benzo(a)pyrene	23.342	252	24158	0.366	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.676	276	30490	0.295	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.686	278	19429	0.253	ng/ul#	90
29) Benzo(g,h,i)perylene	26.357	276	21220	0.258	ng/ul	94

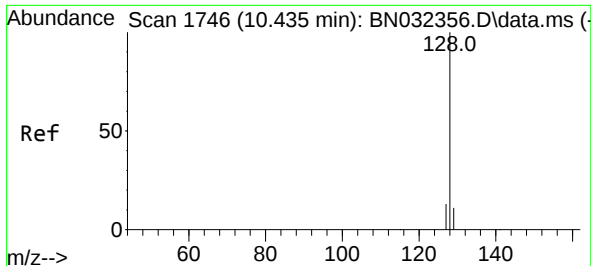
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
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Instrument :
BNA_N
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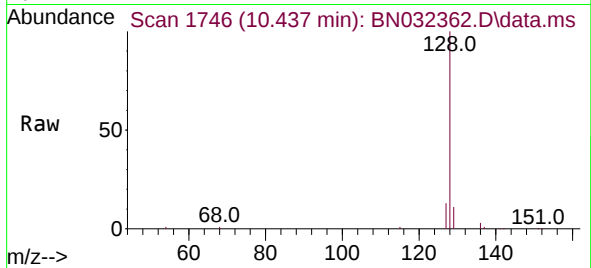
Quant Time: Jul 01 15:02:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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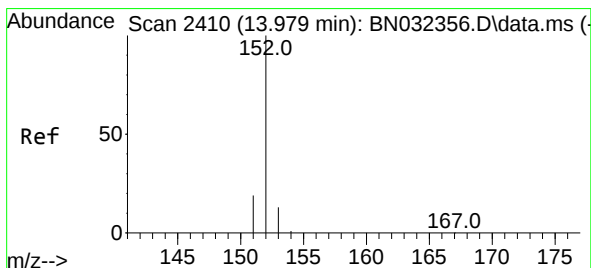
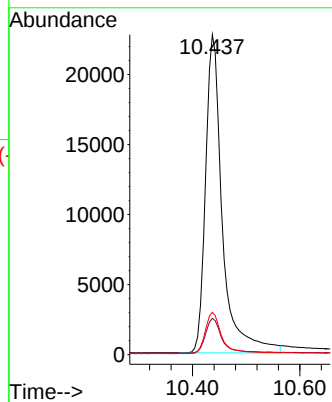
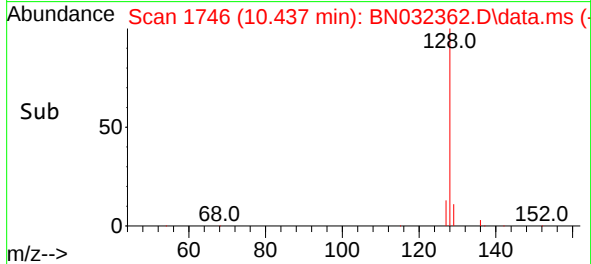


#5
Naphthalene
Concen: 0.908 ng/ul
RT: 10.437 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

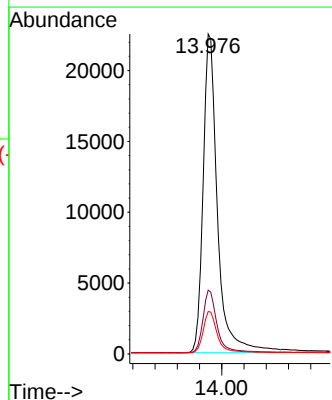
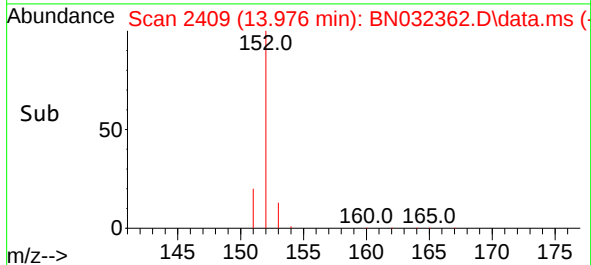
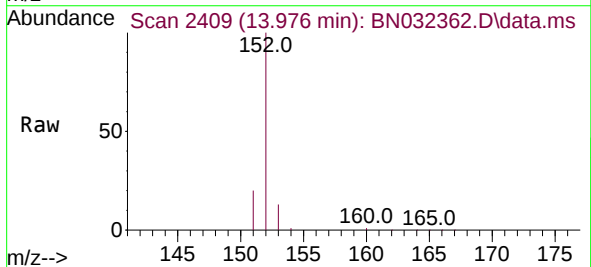


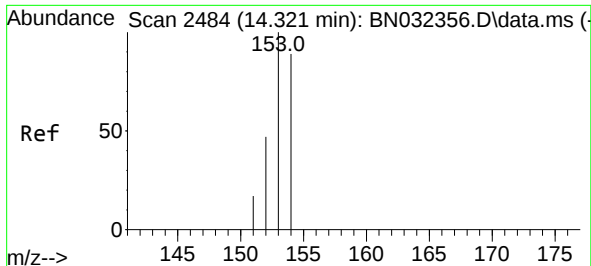
Tgt Ion:	128	Resp:	49603
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.2	13.8
127	13.2	10.8	16.2



#10
Acenaphthylene
Concen: 0.855 ng/ul
RT: 13.976 min Scan# 2409
Delta R.T. -0.014 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:	152	Resp:	40462
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	13.2	10.9	16.3

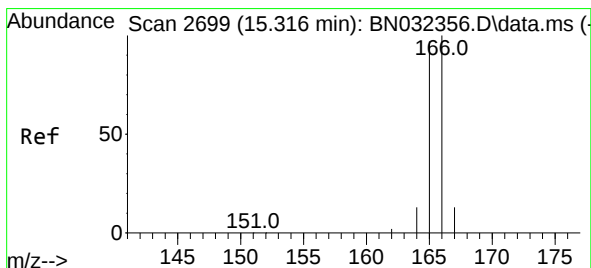
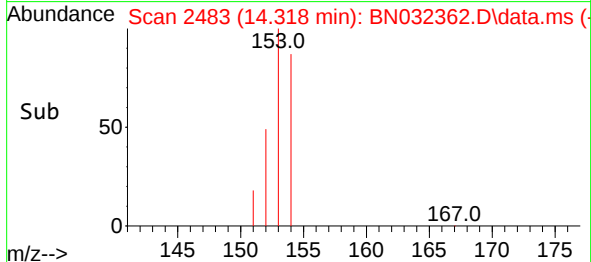
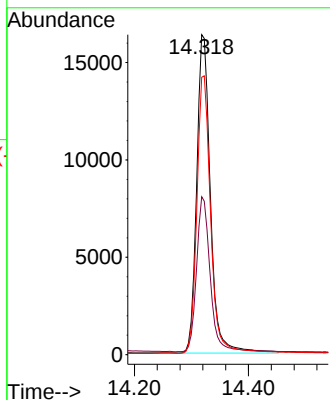
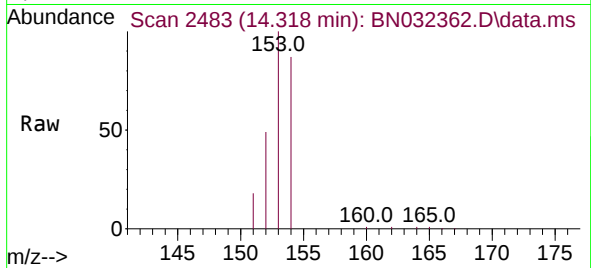




#11
Acenaphthene
Concen: 0.746 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

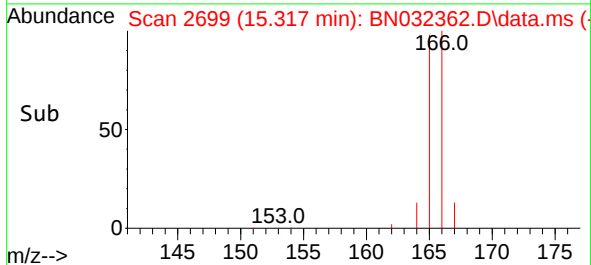
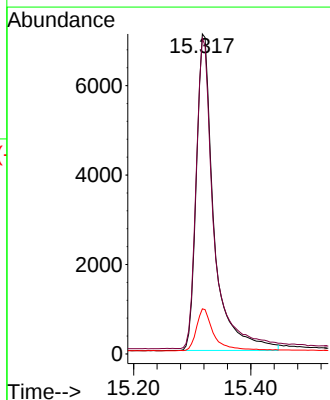
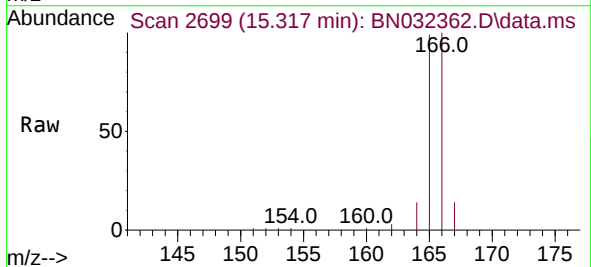
Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

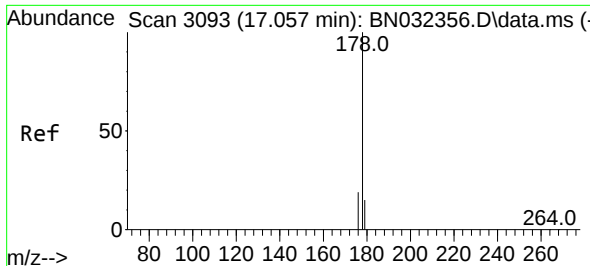
Tgt Ion:153 Resp: 27399
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 86.7 71.7 107.5



#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:166 Resp: 14830
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 14.1 11.0 16.6

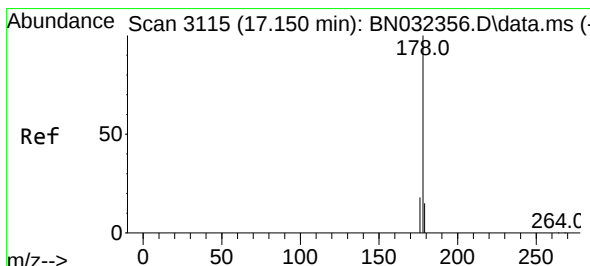
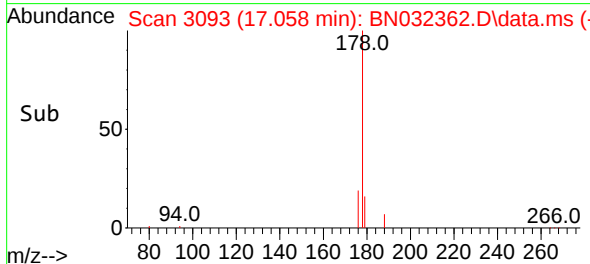
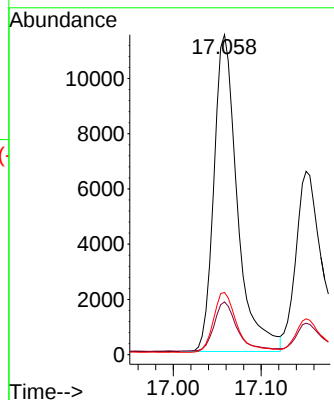
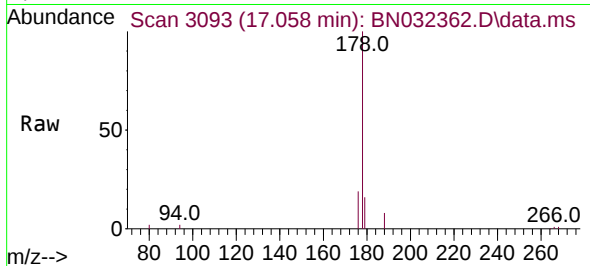




#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

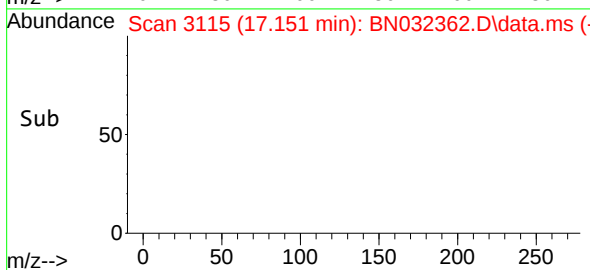
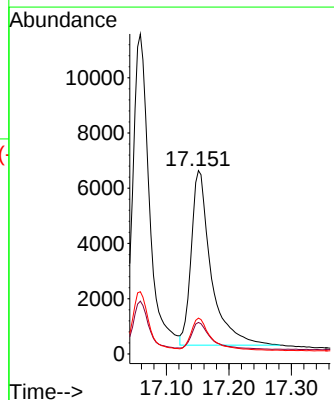
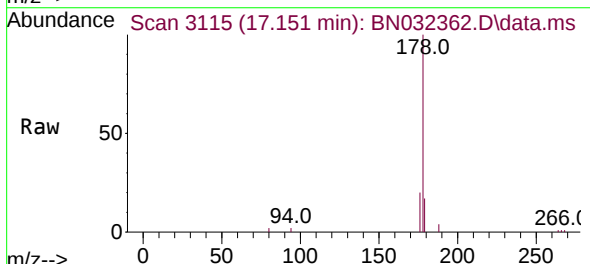
Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

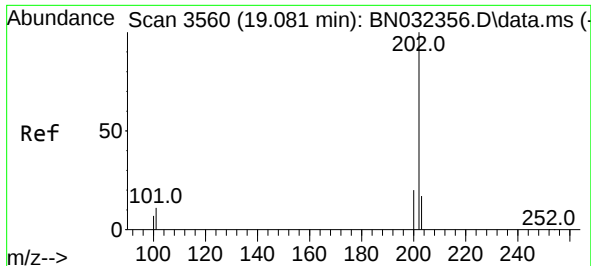
Tgt Ion:178	Resp:	21276
Ion Ratio	Lower	Upper
178	100	
179	16.5	12.6 18.8
176	19.4	15.6 23.4



#16
Anthracene
Concen: 0.286 ng/u1
RT: 17.151 min Scan# 3115
Delta R.T. -0.009 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:178	Resp:	13932
Ion Ratio	Lower	Upper
178	100	
179	17.2	12.5 18.7
176	19.6	15.0 22.6

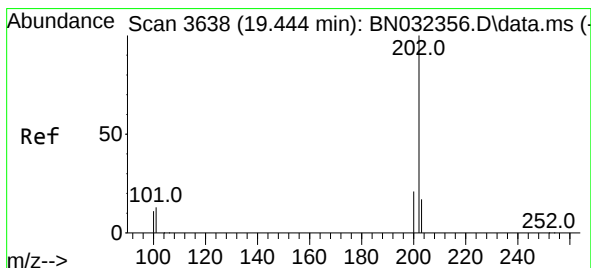
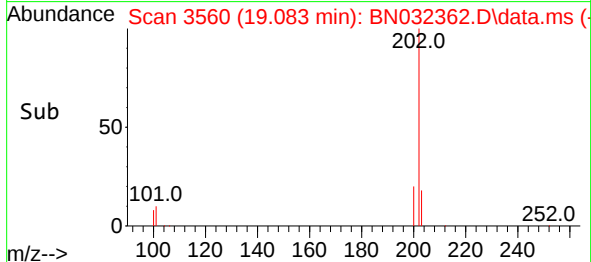
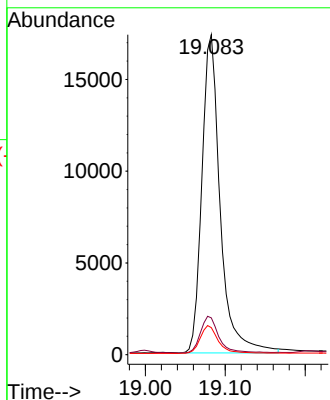
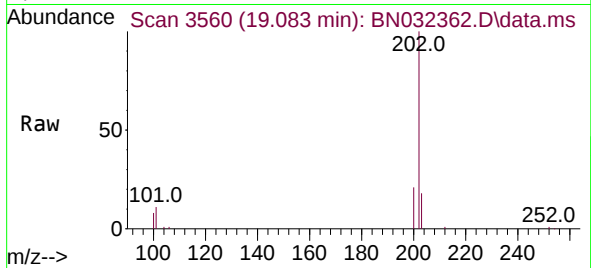




#19
Fluoranthene
Concen: 0.404 ng/ul
RT: 19.083 min Scan# 3560
Delta R.T. -0.009 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

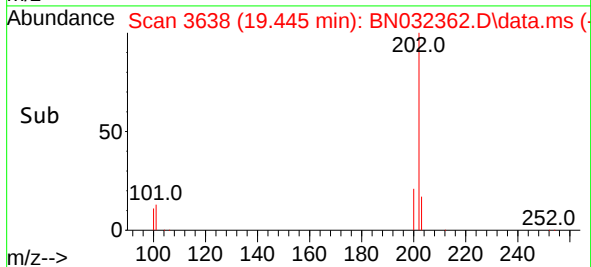
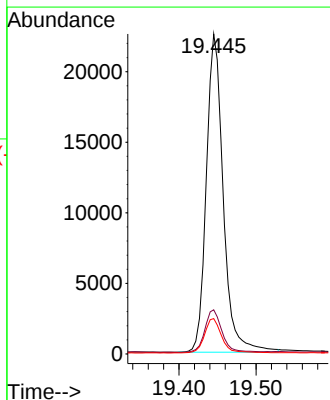
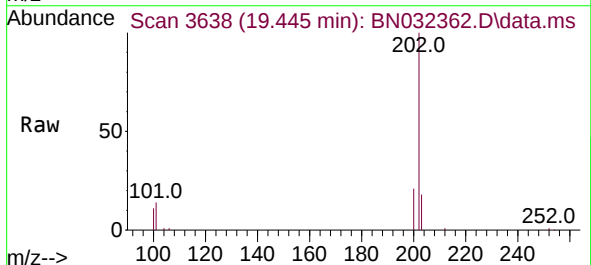
Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

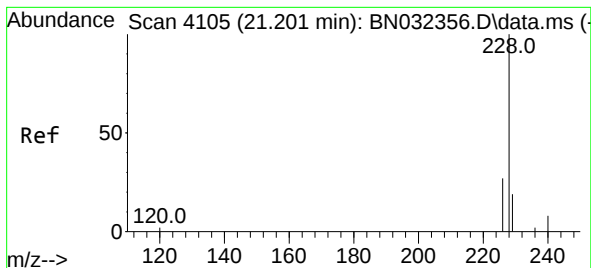
Tgt Ion:202 Resp: 27686
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.5 6.4 9.6



#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:202 Resp: 34437
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.4
100 11.0 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.138 ng/ul

RT: 21.203 min Scan# 4105

Delta R.T. -0.012 min

Lab File: BN032362.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_N

ClientSampleId :

A4DN5DL2

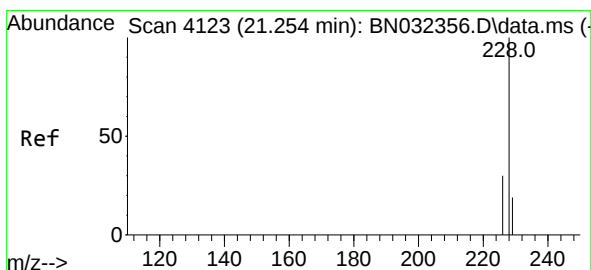
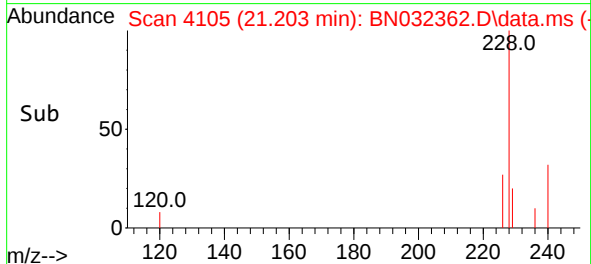
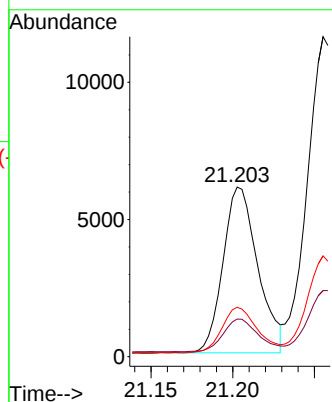
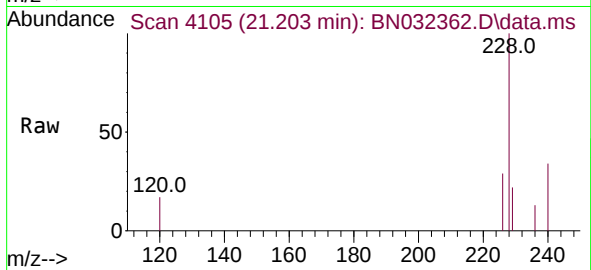
Tgt Ion:228 Resp: 8970

Ion Ratio Lower Upper

228 100

229 22.2 15.7 23.5

226 29.2 21.8 32.8



#22

Chrysene

Concen: 0.252 ng/ul

RT: 21.255 min Scan# 4123

Delta R.T. -0.012 min

Lab File: BN032362.D

Acq: 01 Jul 2024 14:37

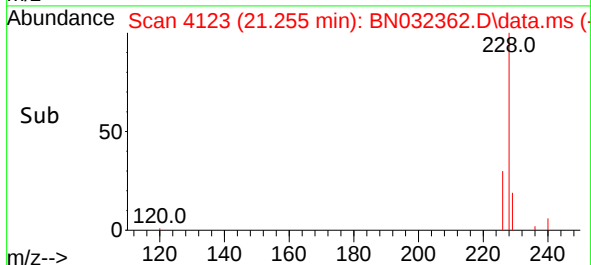
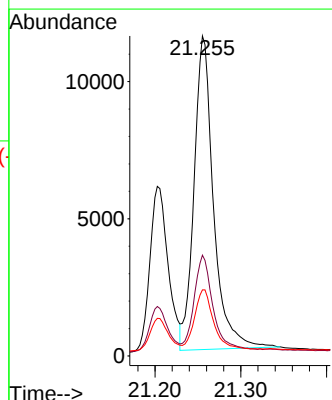
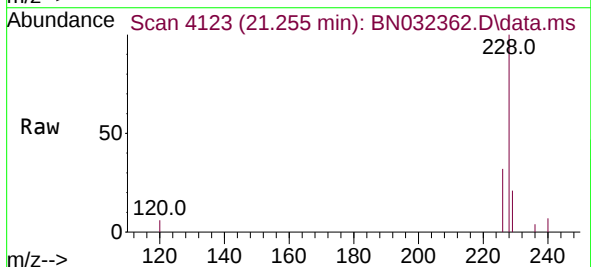
Tgt Ion:228 Resp: 17973

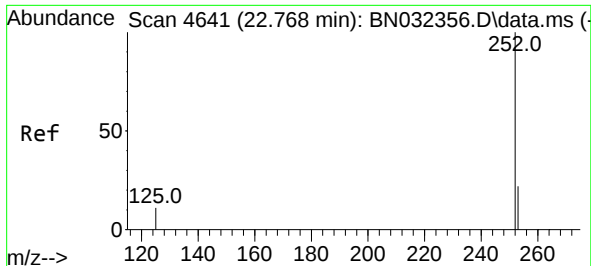
Ion Ratio Lower Upper

228 100

226 31.5 23.6 35.4

229 20.6 15.7 23.5

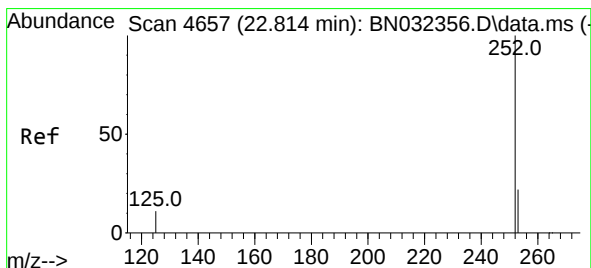
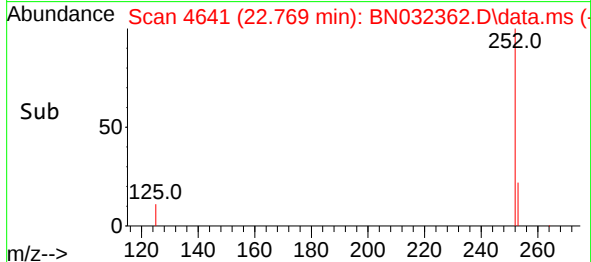
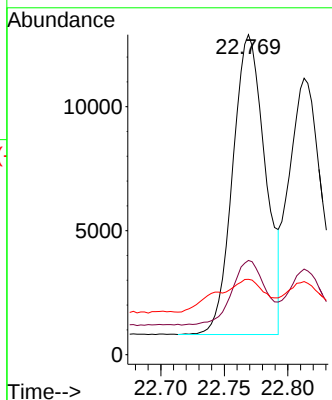
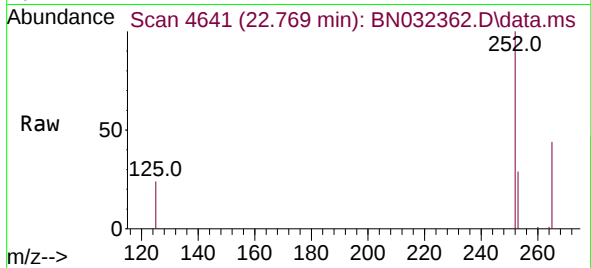




#24
Benzo(b)fluoranthene
Concen: 0.228 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

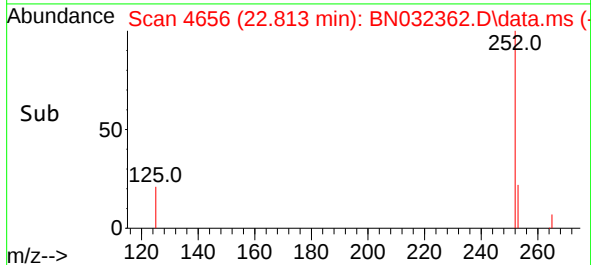
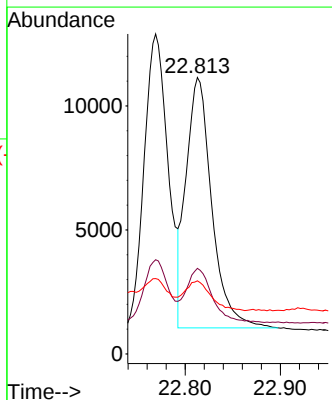
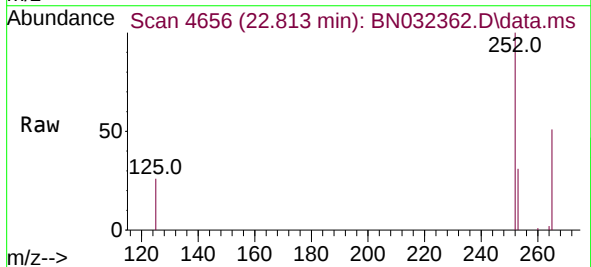
Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

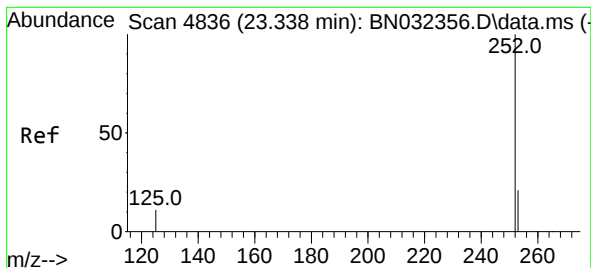
Tgt Ion:252 Resp: 21600
Ion Ratio Lower Upper
252 100
253 29.5 0.0 50.2
125 23.6 0.0 32.0



#25
Benzo(k)fluoranthene
Concen: 0.205 ng/ul
RT: 22.813 min Scan# 4656
Delta R.T. -0.015 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:252 Resp: 18946
Ion Ratio Lower Upper
252 100
253 30.9 20.3 30.5#
125 26.5 12.8 19.2#





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.342 min Scan# 4837

Delta R.T. -0.018 min

Lab File: BN032362.D

Acq: 01 Jul 2024 14:37

Instrument :

BNA_N

ClientSampleId :

A4DN5DL2

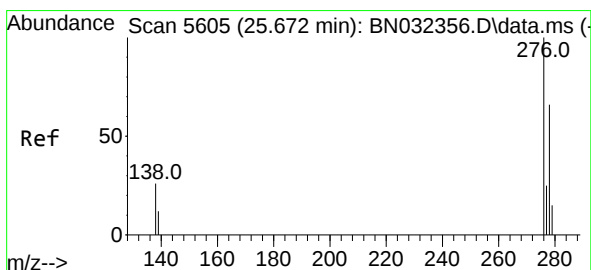
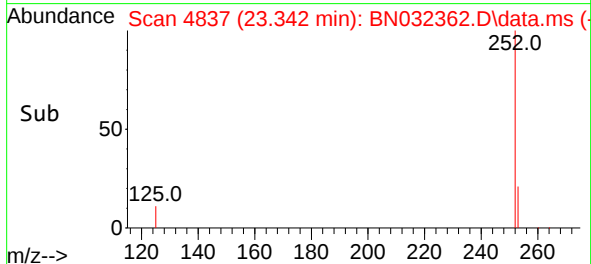
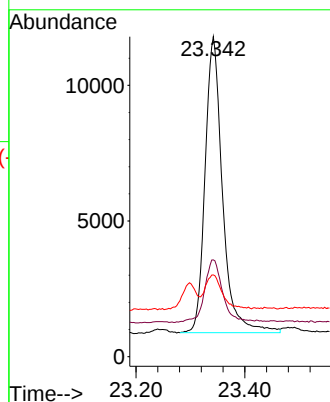
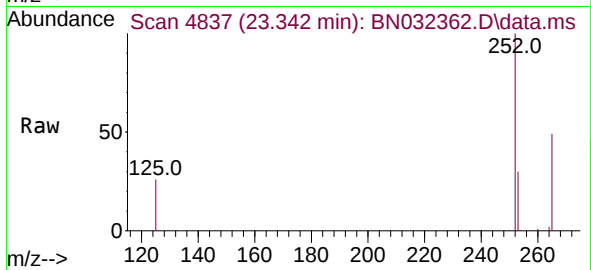
Tgt Ion:252 Resp: 24158

Ion Ratio Lower Upper

252 100

253 30.2 22.2 33.2

125 25.5 16.4 24.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.295 ng/ul

RT: 25.676 min Scan# 5606

Delta R.T. -0.024 min

Lab File: BN032362.D

Acq: 01 Jul 2024 14:37

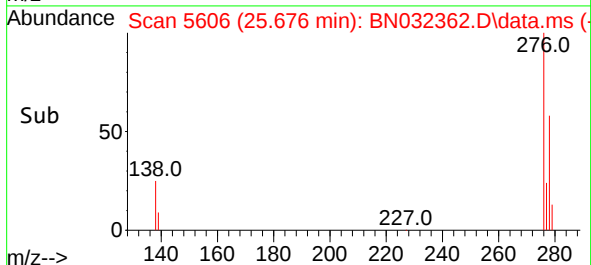
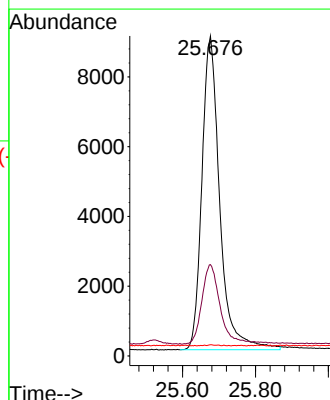
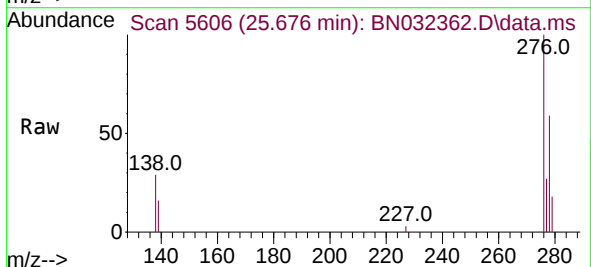
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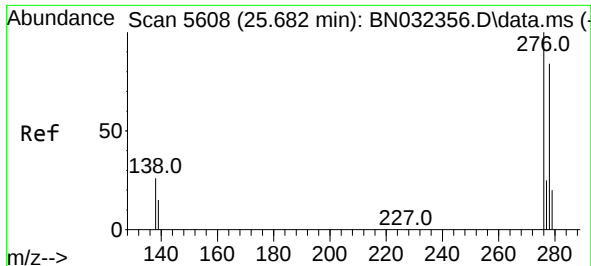
Ion Ratio Lower Upper

276 100

138 26.5 21.3 31.9

227 0.2 0.1 0.1#

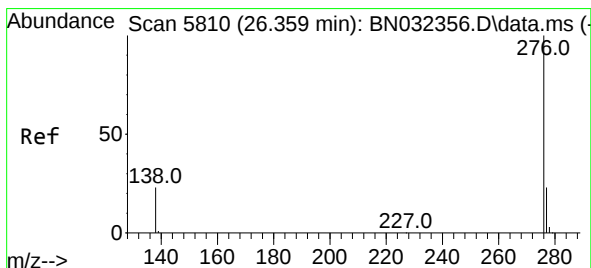
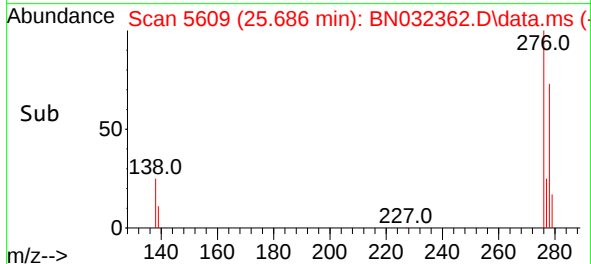
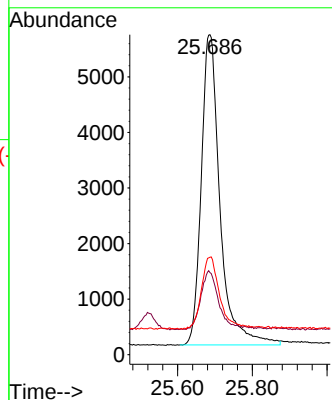
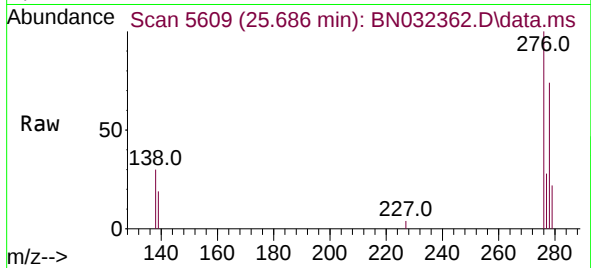




#28
Dibenzo(a,h)anthracene
Concen: 0.253 ng/ul
RT: 25.686 min Scan# 5609
Delta R.T. -0.024 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Instrument :
BNA_N
ClientSampleId :
A4DN5DL2

Tgt Ion:278 Resp: 19429
Ion Ratio Lower Upper
278 100
139 25.7 15.9 23.9#
279 30.5 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.357 min Scan# 5809
Delta R.T. -0.024 min
Lab File: BN032362.D
Acq: 01 Jul 2024 14:37

Tgt Ion:276 Resp: 21220
Ion Ratio Lower Upper
276 100
138 28.3 19.8 29.6
277 27.1 19.8 29.6

