

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031862.D
 Acq On : 08 Jun 2024 17:10
 Operator : MA/JU
 Sample : P2634-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBX2

Quant Time: Jun 10 01:44:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

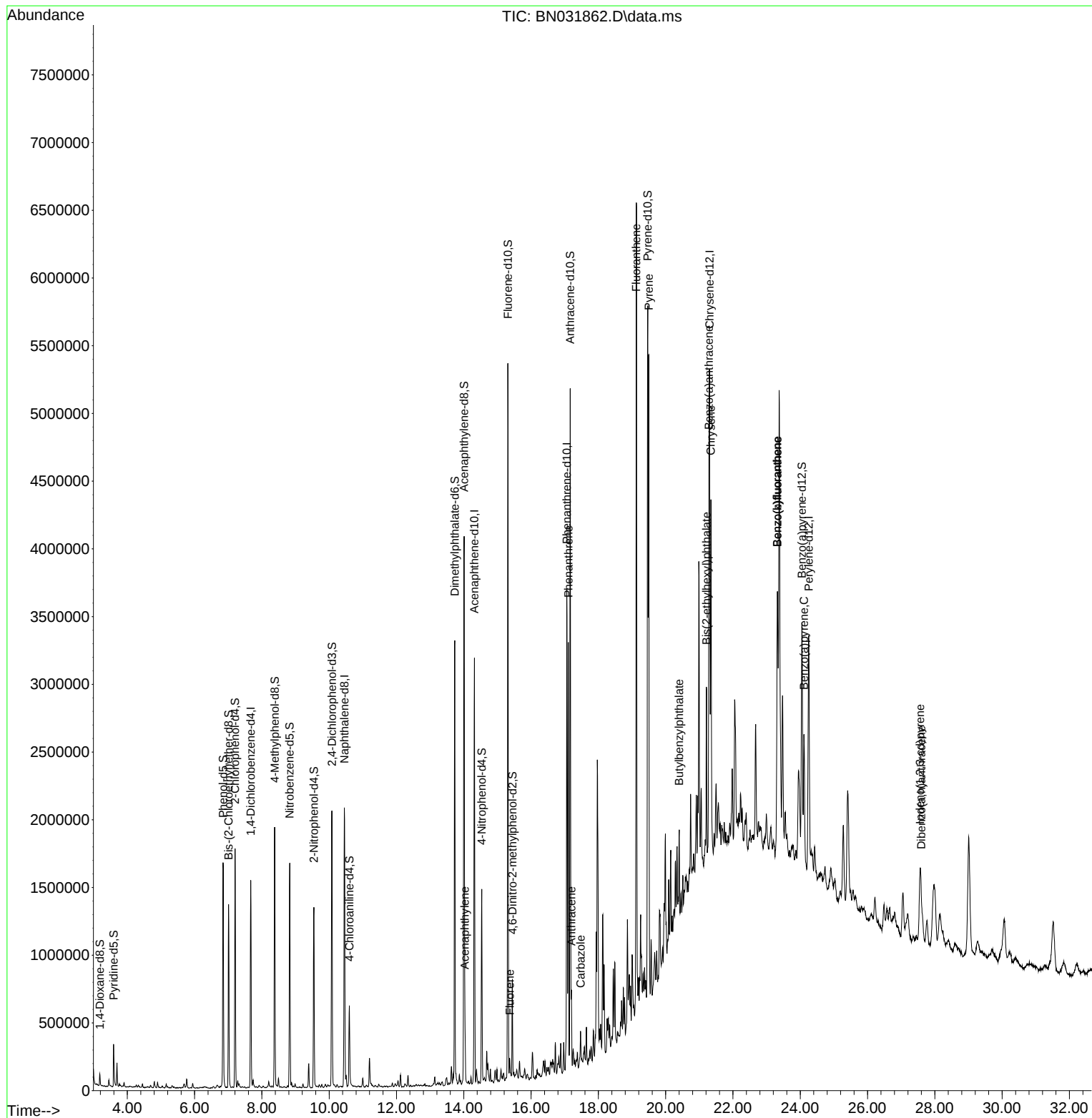
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	423724	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1818608	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1112501	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2173934	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1304651	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1533511	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	47468	4.635	ng/uL	-0.01
4) Pyridine-d5	3.593	84	164871	5.718	ng/u1	0.00
7) Phenol-d5	6.846	99	1035970	28.519	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	558539	26.287	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	853231	30.784	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	763708	25.792	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	435802	31.341	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	469740	32.703	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	807404	30.110	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	377340	9.477	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	2304871	29.739	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2821252	31.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	358350	23.093	ng/u1	0.00
60) Fluorene-d10	15.310	176	2048372	31.236	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	157530	14.416	ng/u1	0.00
73) Anthracene-d10	17.163	188	2824831	30.351	ng/u1	0.00
81) Pyrene-d10	19.469	212	2475901	35.464	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	1643624	22.446	ng/u1	0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.034	152	283026	2.810	ng/u1	98
61) Fluorene	15.369	166	76404	1.048	ng/u1	94
72) Phenanthrene	17.110	178	1943325	17.548	ng/u1	98
74) Anthracene	17.198	178	355945	3.172	ng/u1	98
77) Carbazole	17.475	167	153823	1.608	ng/u1	100
80) Fluoranthene	19.127	202	3483058	41.746	ng/u1	99
82) Pyrene	19.498	202	2978069	34.789	ng/u1	95
83) Butylbenzylphthalate	20.404	149	185014	4.576	ng/u1	95
85) Benzo(a)anthracene	21.286	228	1446898	16.569	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	552111	9.368	ng/u1	97
87) Chrysene	21.345	228	1673252	20.513	ng/u1	97
90) Benzo(b)fluoranthene	23.321	252	2285382	24.933	ng/u1	97
91) Benzo(k)fluoranthene	23.321	252	2285382	25.409	ng/u1	98
93) Benzo(a)pyrene	24.109	252	924279	10.766	ng/u1	94
94) Indeno(1,2,3-cd)pyrene	27.562	276	860248	8.696	ng/u1	97
95) Dibenzo(a,h)anthracene	27.598	278	144533	1.790	ng/u1#	86

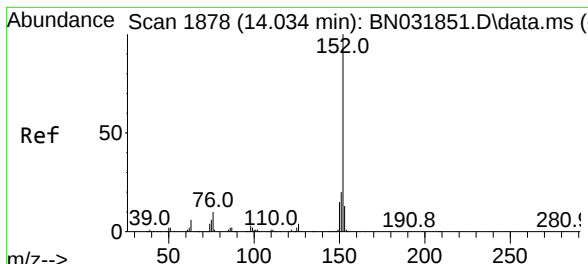
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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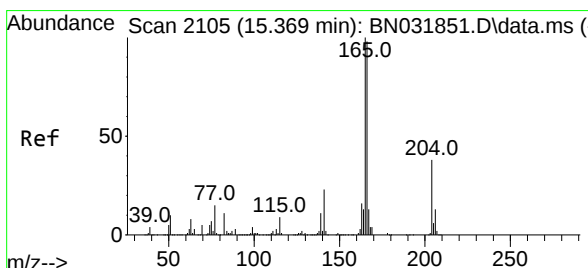
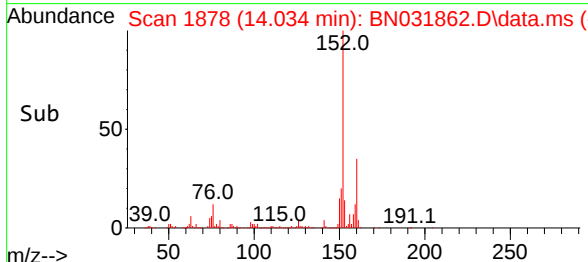
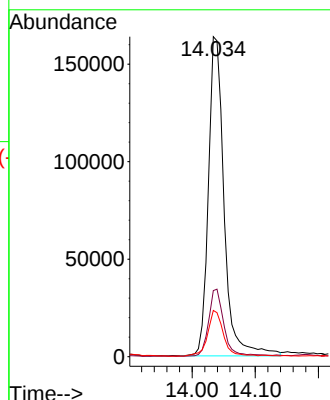
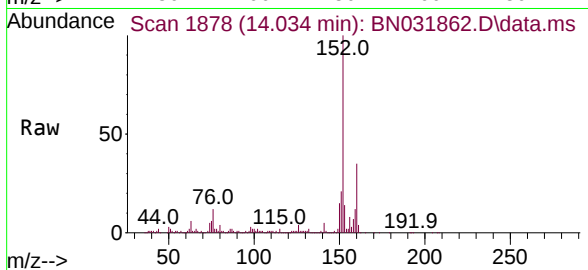




#50
Acenaphthylene
Concen: 2.810 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

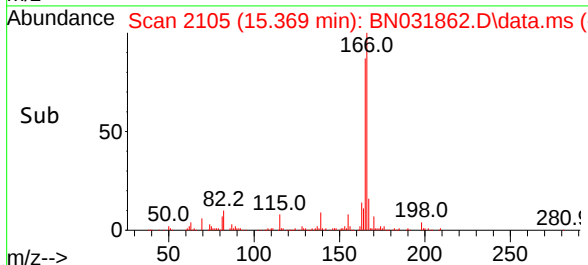
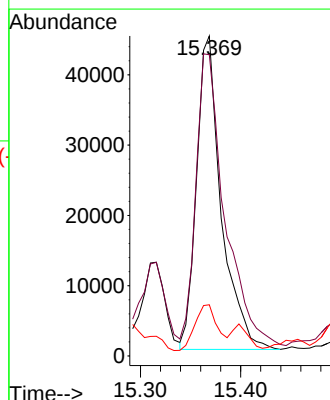
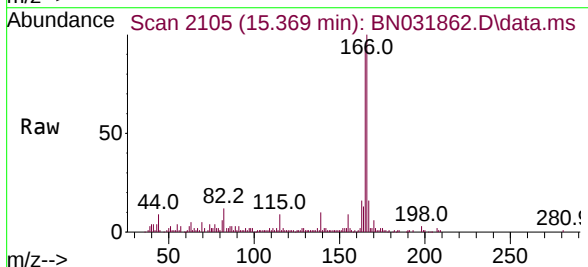
Instrument :
BNA_N
ClientSampleId :
BHBX2

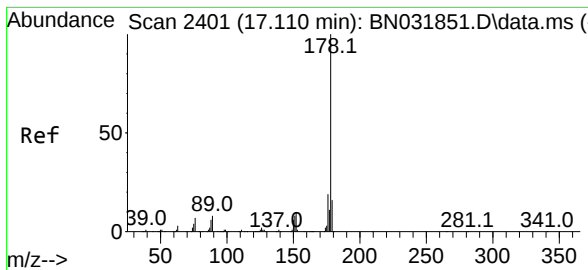
Tgt Ion:152 Resp: 283026
Ion Ratio Lower Upper
152 100
151 20.7 15.9 23.9
153 14.4 10.4 15.6



#61
Fluorene
Concen: 1.048 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

Tgt Ion:166 Resp: 76404
Ion Ratio Lower Upper
166 100
165 94.1 80.3 120.5
167 16.0 11.3 16.9

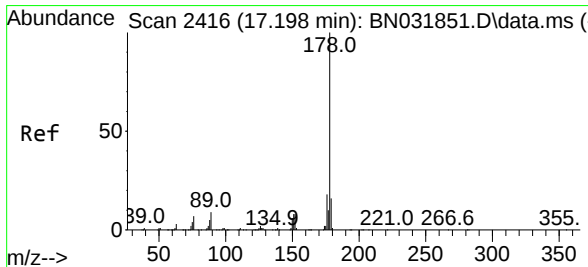
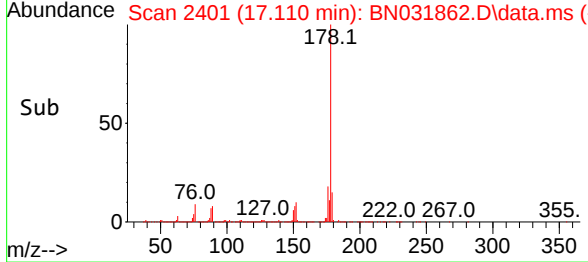
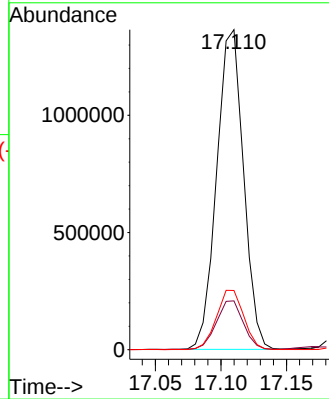
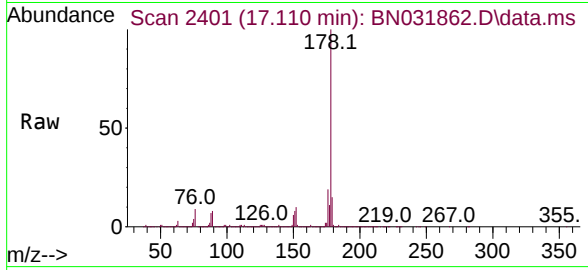




#72
Phenanthrene
Concen: 17.548 ng/ul
RT: 17.110 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

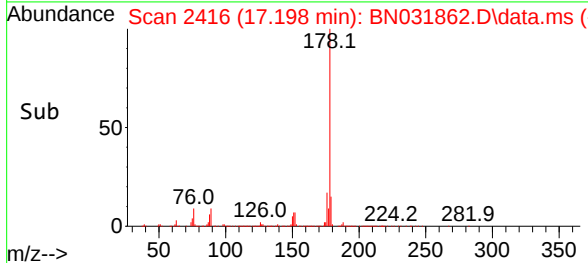
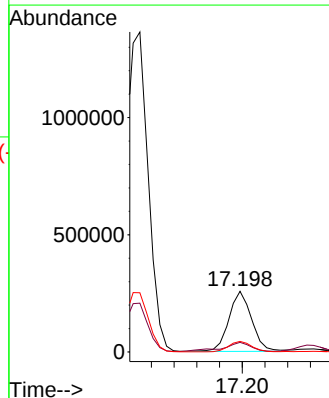
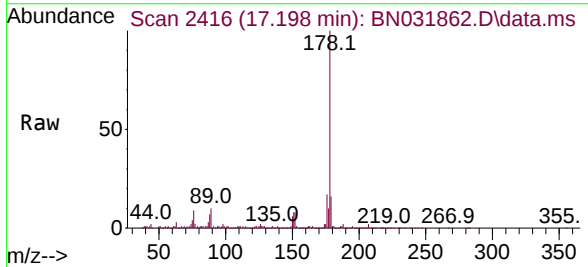
Instrument :
BNA_N
ClientSampleId :
BHBX2

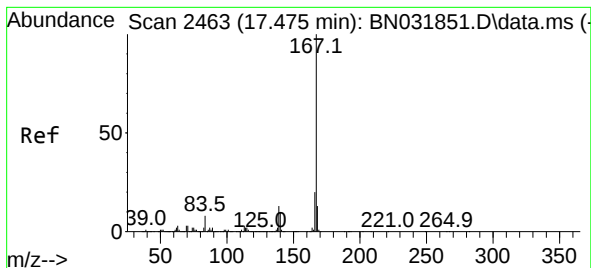
Tgt Ion:178 Resp: 1943325
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.5 15.8 23.6



#74
Anthracene
Concen: 3.172 ng/ul
RT: 17.198 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

Tgt Ion:178 Resp: 355945
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.6
176 17.5 14.8 22.2





#77

Carbazole

Concen: 1.608 ng/ul

RT: 17.475 min Scan# 2463

Delta R.T. -0.000 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

Instrument :

BNA_N

ClientSampleId :

BHBX2

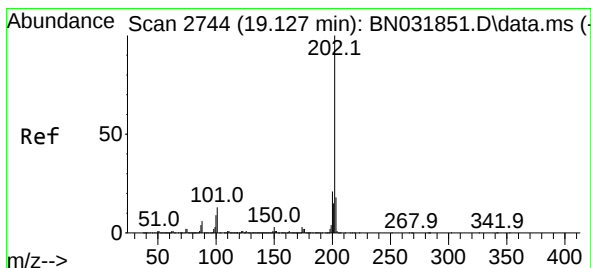
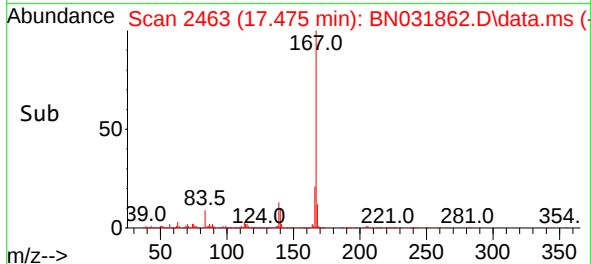
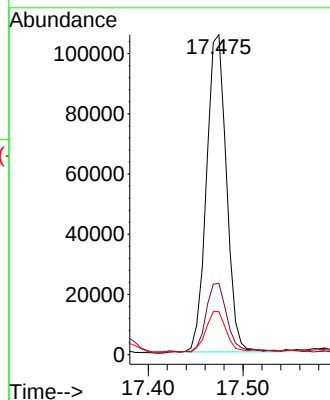
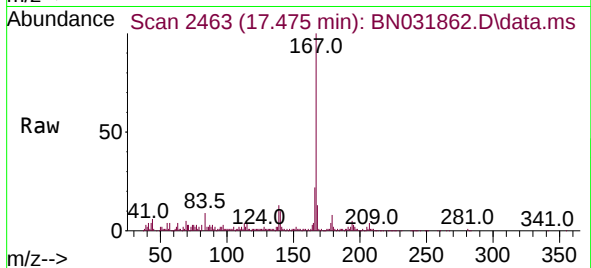
Tgt Ion:167 Resp: 153823

Ion Ratio Lower Upper

167 100

166 22.3 17.9 26.9

139 13.4 10.5 15.7



#80

Fluoranthene

Concen: 41.746 ng/ul

RT: 19.127 min Scan# 2744

Delta R.T. -0.006 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

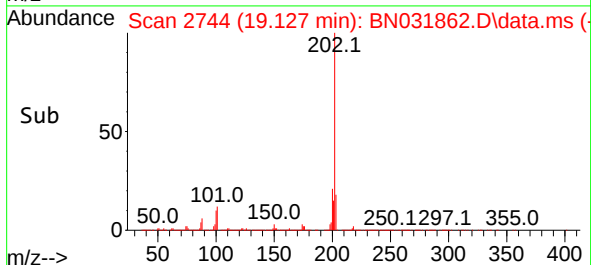
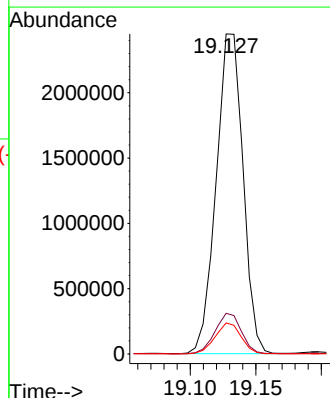
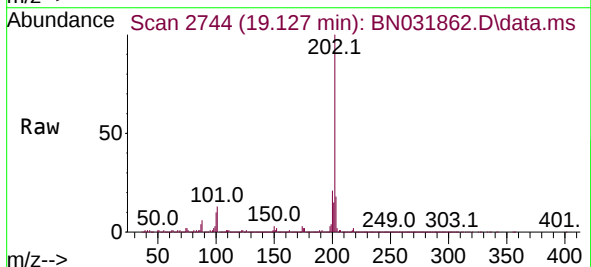
Tgt Ion:202 Resp: 3483058

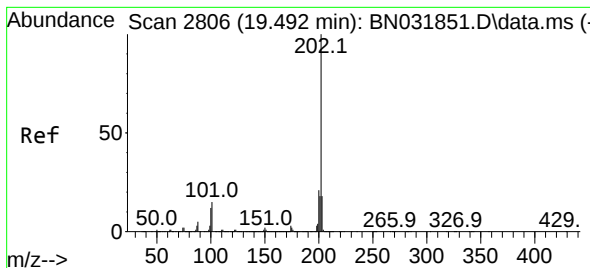
Ion Ratio Lower Upper

202 100

101 12.7 10.3 15.5

100 9.7 8.0 12.0





#82

Pyrene

Concen: 34.789 ng/ul

RT: 19.498 min Scan# 21

Delta R.T. 0.006 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

Instrument :

BNA_N

ClientSampleId :

BHBX2

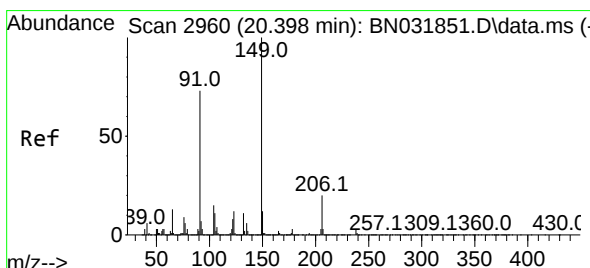
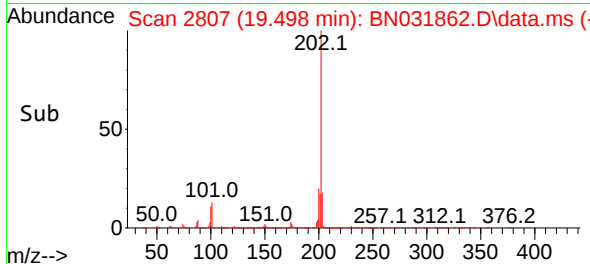
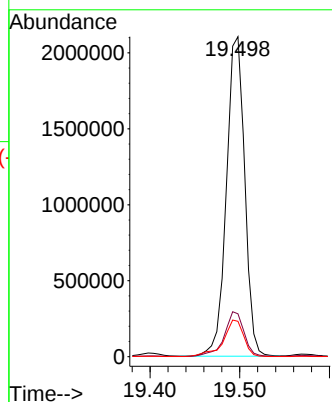
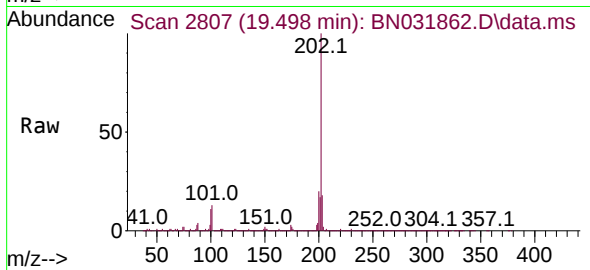
Tgt Ion:202 Resp: 2978069

Ion Ratio Lower Upper

202 100

101 13.4 12.6 18.8

100 11.1 10.2 15.2



#83

Butylbenzylphthalate

Concen: 4.576 ng/ul

RT: 20.404 min Scan# 2961

Delta R.T. -0.000 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

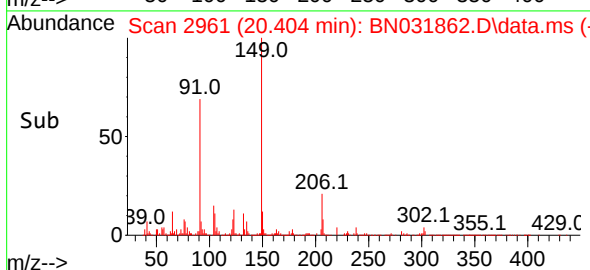
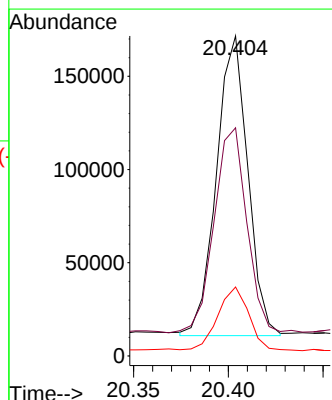
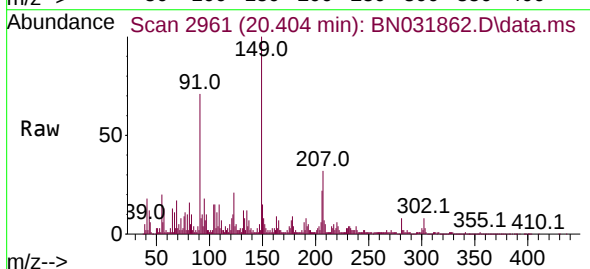
Tgt Ion:149 Resp: 185014

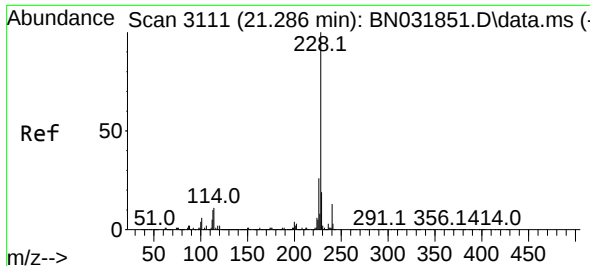
Ion Ratio Lower Upper

149 100

91 71.3 61.0 91.4

206 21.6 16.5 24.7

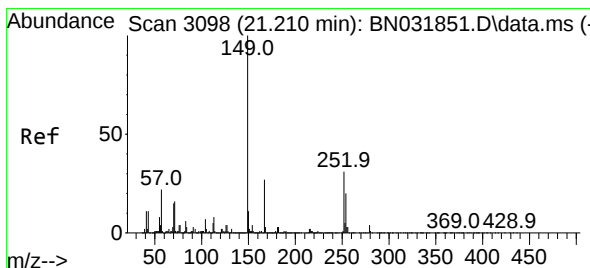
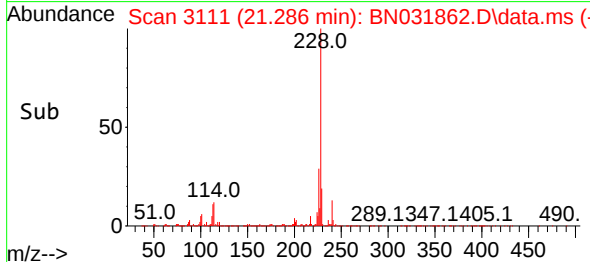
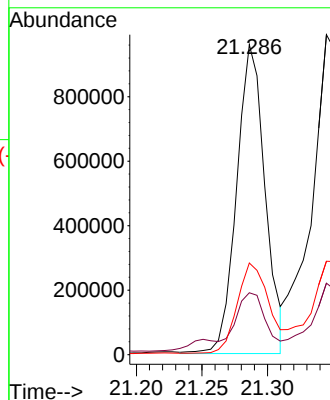
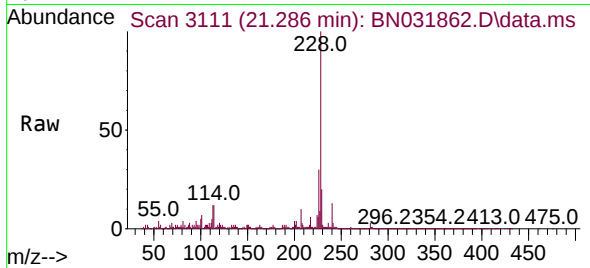




#85
Benzo(a)anthracene
Concen: 16.569 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

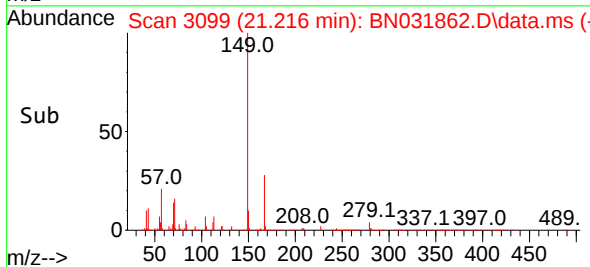
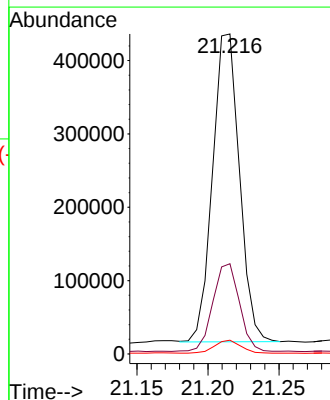
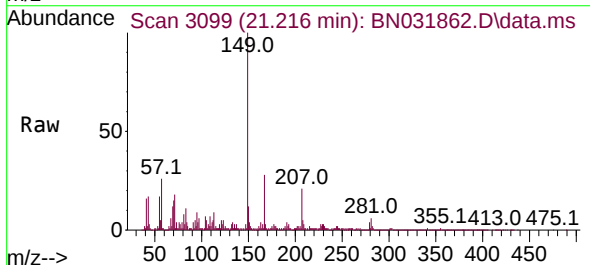
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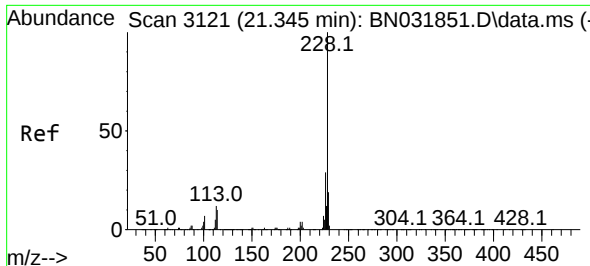
Tgt Ion:228 Resp: 1446898
Ion Ratio Lower Upper
228 100
229 20.0 16.7 25.1
226 29.6 22.8 34.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 9.368 ng/ul
RT: 21.216 min Scan# 3099
Delta R.T. -0.006 min
Lab File: BN031862.D
Acq: 08 Jun 2024 17:10

Tgt Ion:149 Resp: 552111
Ion Ratio Lower Upper
149 100
167 28.2 21.4 32.0
279 4.3 3.3 4.9





#87

Chrysene

Concen: 20.513 ng/ul

RT: 21.345 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

Instrument :

BNA_N

ClientSampleId :

BHBX2

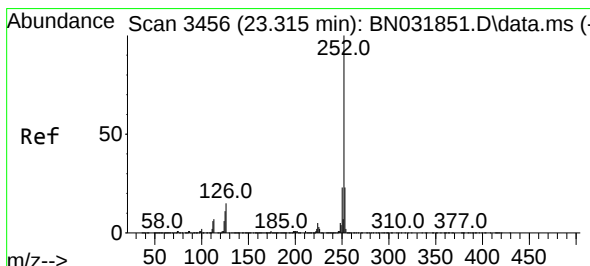
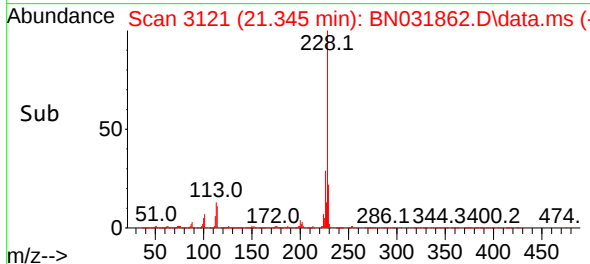
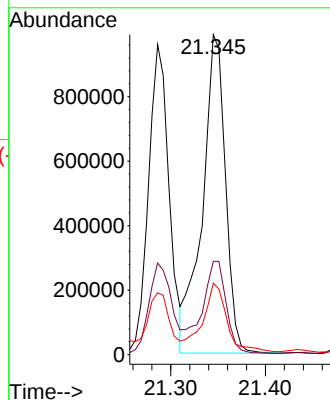
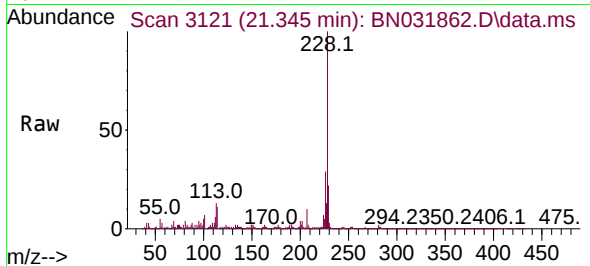
Tgt Ion:228 Resp: 1673252

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 22.3 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 24.933 ng/ul

RT: 23.321 min Scan# 3457

Delta R.T. 0.012 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

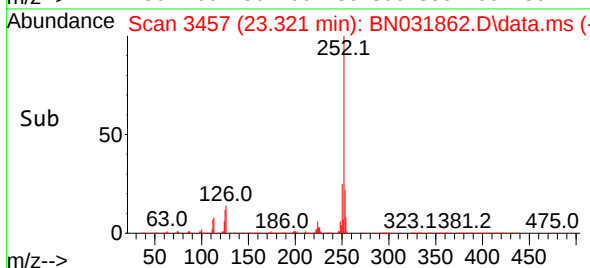
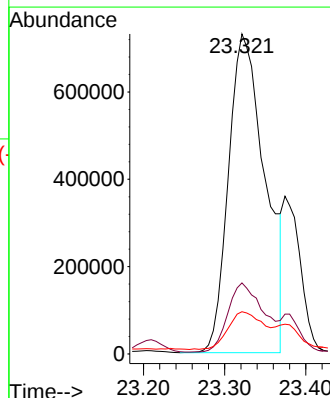
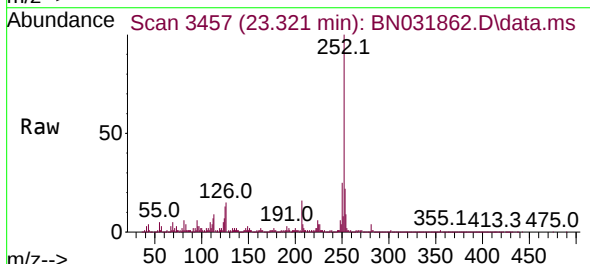
Tgt Ion:252 Resp: 2285382

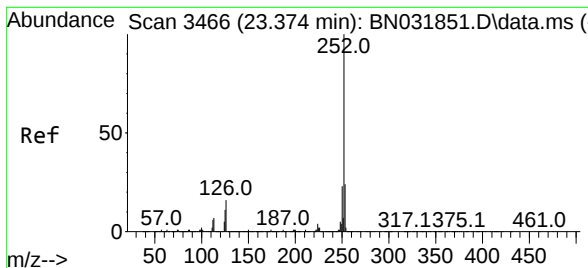
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 13.2 9.2 13.8





#91

Benzo(k)fluoranthene

Concen: 25.409 ng/ul

RT: 23.321 min Scan# 3466

Delta R.T. -0.053 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

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BHBX2

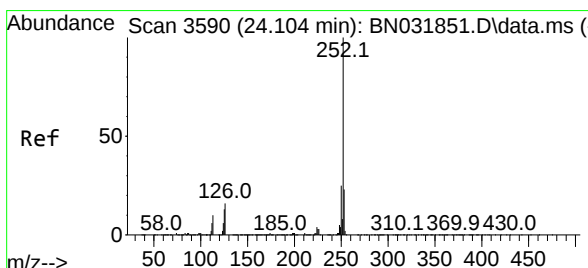
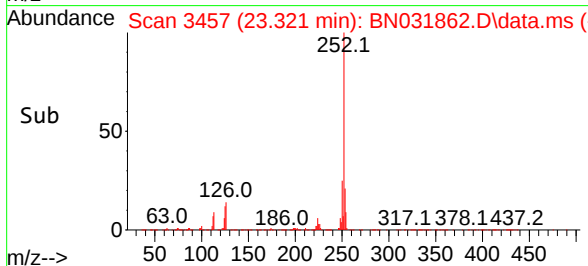
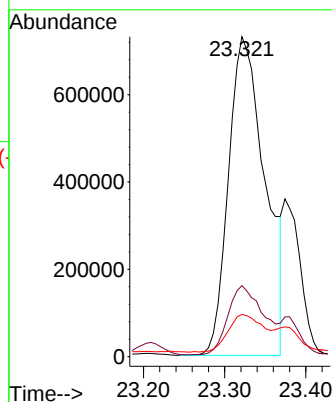
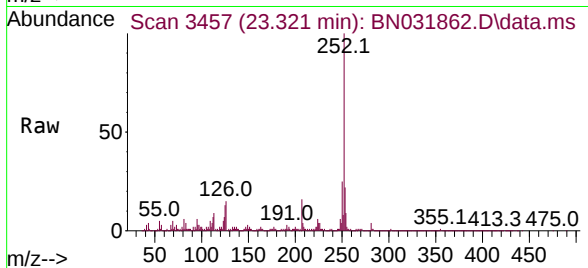
Tgt Ion:252 Resp: 2285382

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 13.2 9.4 14.2



#93

Benzo(a)pyrene

Concen: 10.766 ng/ul

RT: 24.109 min Scan# 3591

Delta R.T. 0.006 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

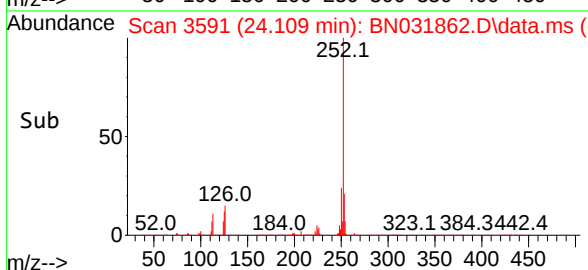
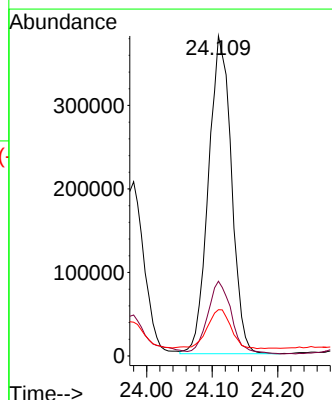
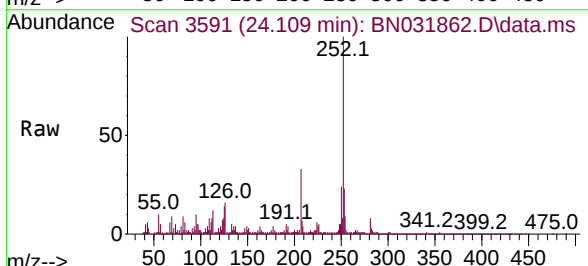
Tgt Ion:252 Resp: 924279

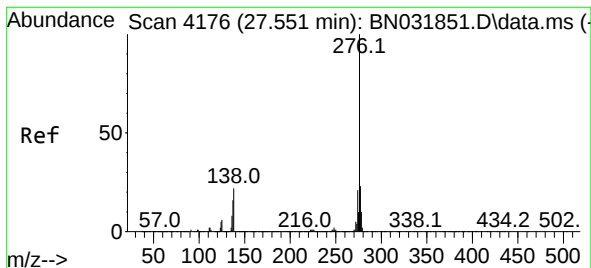
Ion Ratio Lower Upper

252 100

253 23.4 16.6 24.8

125 14.4 9.8 14.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.696 ng/ul

RT: 27.562 min Scan# 4178

Delta R.T. 0.029 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

Instrument :

BNA_N

ClientSampleId :

BHBX2

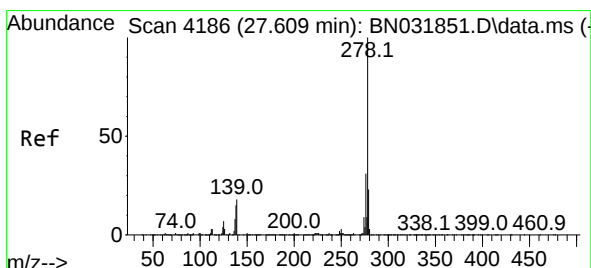
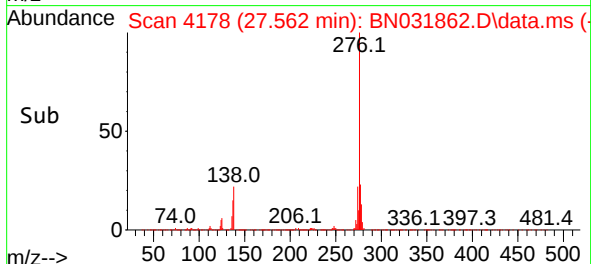
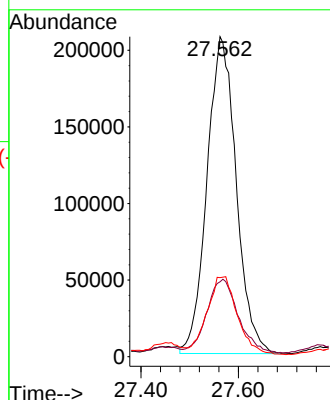
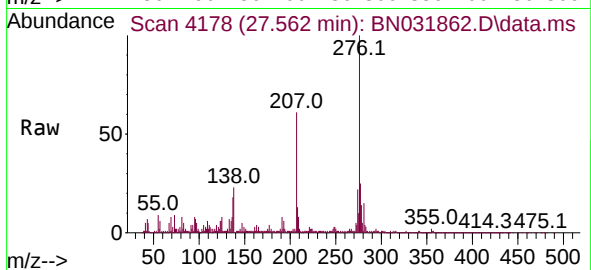
Tgt Ion:276 Resp: 860248

Ion Ratio Lower Upper

276 100

138 23.4 18.1 27.1

277 24.7 18.2 27.2



#95

Dibenzo(a,h)anthracene

Concen: 1.790 ng/ul

RT: 27.598 min Scan# 4184

Delta R.T. -0.006 min

Lab File: BN031862.D

Acq: 08 Jun 2024 17:10

Tgt Ion:278 Resp: 144533

Ion Ratio Lower Upper

278 100

139 21.5 15.0 22.6

279 31.4 17.4 26.0#

