

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112420\
 Data File : BN012726.D
 Acq On : 24 Nov 2020 21:03
 Operator : CG/JU
 Sample : L4751-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AX0

Quant Time: Nov 25 01:48:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 25 01:45:20 2020
 Response via : Initial Calibration

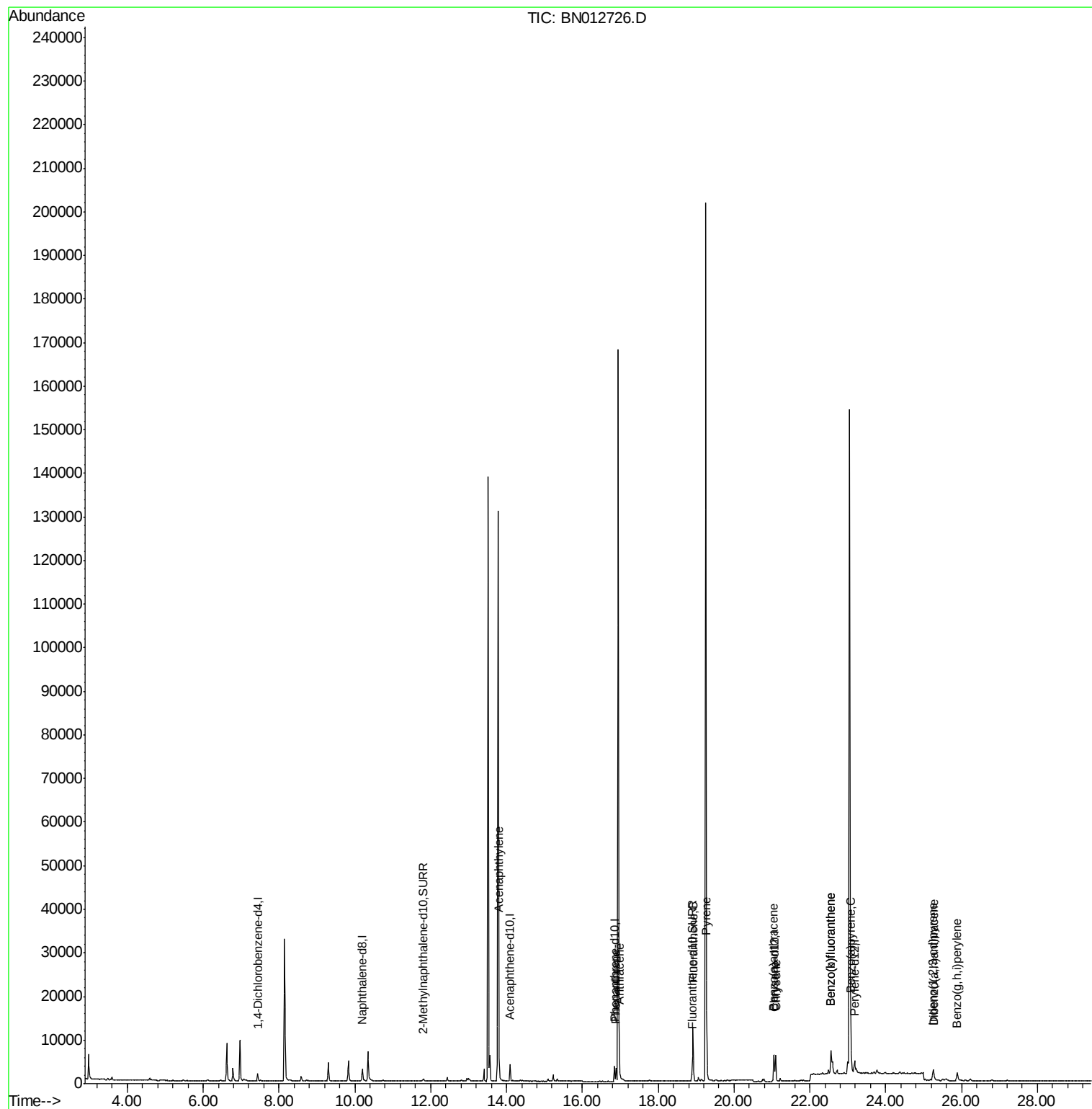
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	866	0.40	ng/ul	0.00
2) Naphthalene-d8	10.20	136	3653	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.09	164	2021	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.85	188	4035	0.40	ng/ul	0.00
16) Chrysene-d12	21.06	240	3203	0.40	ng/ul	0.00
20) Perylene-d12	23.18	264	3456	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.81	152	856	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.89	212	1853	0.18	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.81	152	403	0.041	ng/ul#	63
12) Phenanthrene	16.89	178	3168	0.226	ng/ul	99
13) Anthracene	16.98	178	616	0.050	ng/ul#	81
15) Fluoranthene	18.92	202	10720	0.661	ng/ul	98
17) Pyrene	19.28	202	9853	0.688	ng/ul	97
18) Benzo(a)anthracene	21.05	228	4672	0.407	ng/ul	99
19) Chrysene	21.10	228	5894	0.411	ng/ul	98
21) Benzo(b)fluoranthene	22.55	252	11095	0.698	ng/ul	97
22) Benzo(k)fluoranthene	22.55	252	11095	0.605	ng/ul#	96
23) Benzo(a)pyrene	23.09	252	5036	0.337	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.25	276	3757	0.192	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.27	278	888	0.056	ng/ul#	40
26) Benzo(g,h,i)perylene	25.89	276	3467	0.197	ng/ul#	93

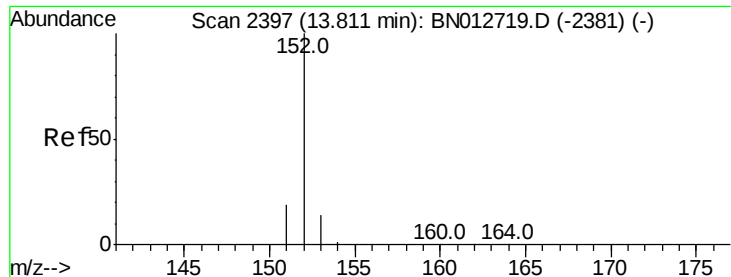
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.041 ng/ul

RT: 13.81 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

ClientSampleId :

C0AX0

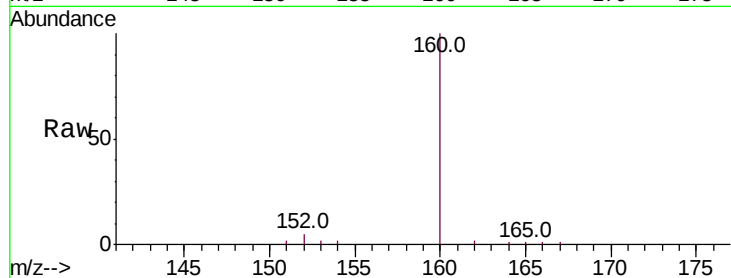
Tot Ion:152 Resp: 403

Ion Ratio Lower Upper

152 100

151 37.8 17.1 25.7#

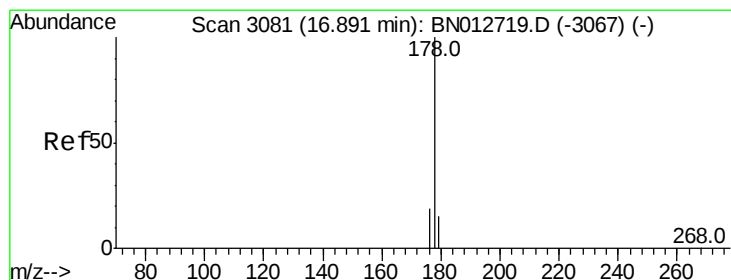
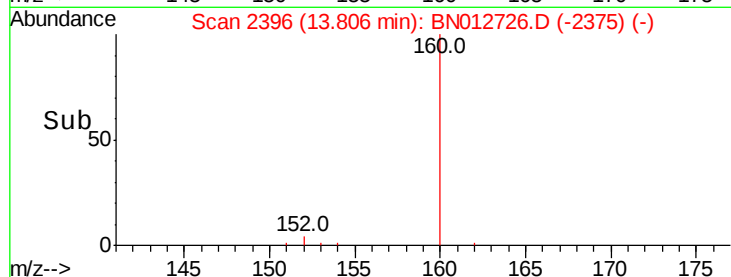
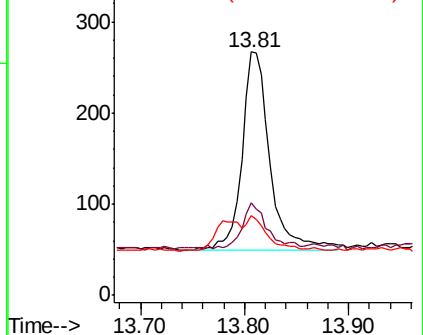
153 33.0 12.6 19.0#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#12

Phenanthrene

Concen: 0.226 ng/ul

RT: 16.89 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

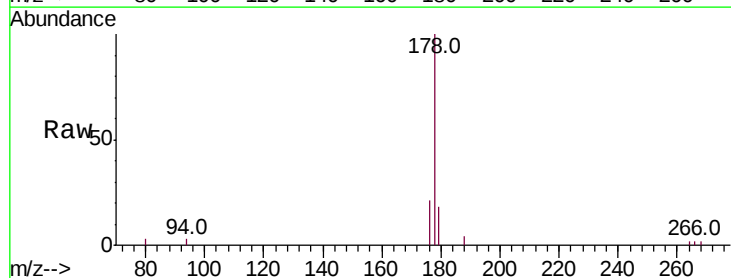
Tgt Ion:178 Resp: 3168

Ion Ratio Lower Upper

178 100

179 17.6 13.8 20.6

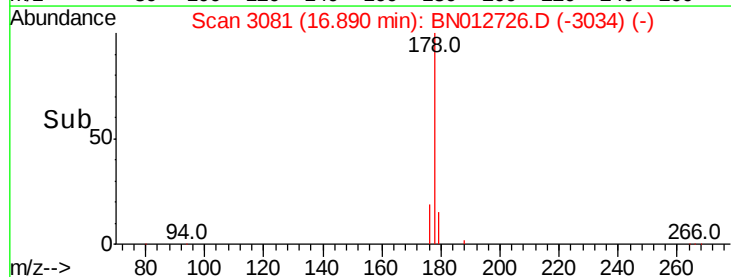
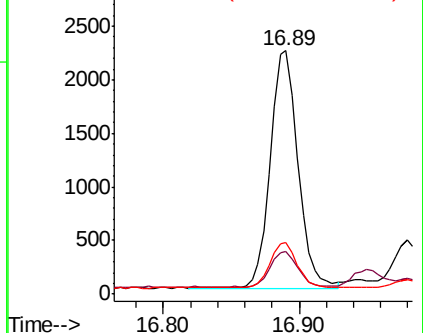
176 21.2 16.7 25.1

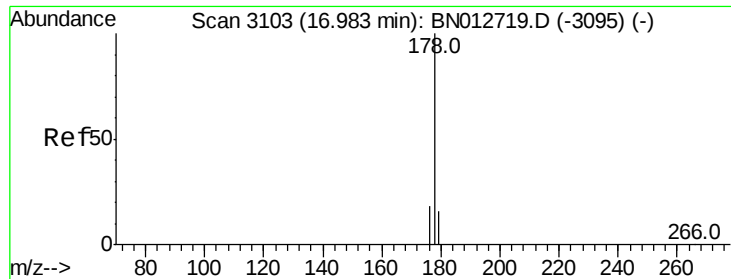


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

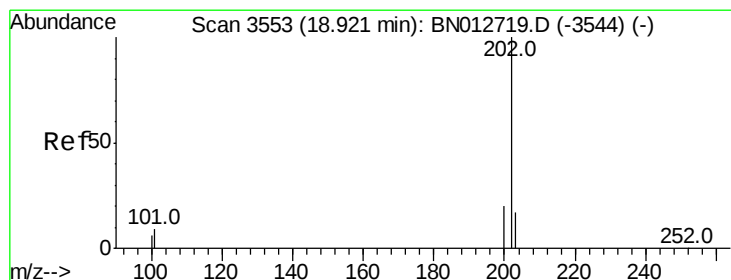
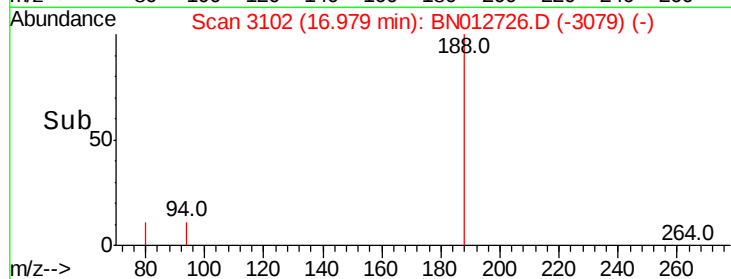
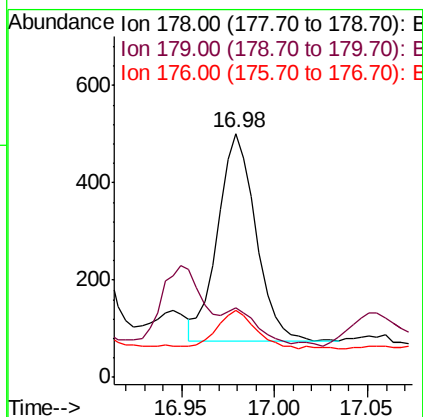
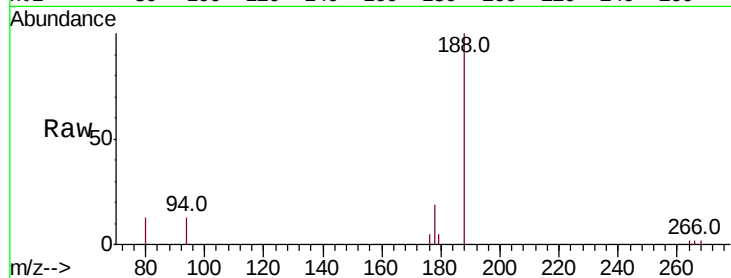




#13
 Anthracene
 Concen: 0.050 ng/ul
 RT: 16.98 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BN012726.D
 Acq: 24 Nov 2020 21:03

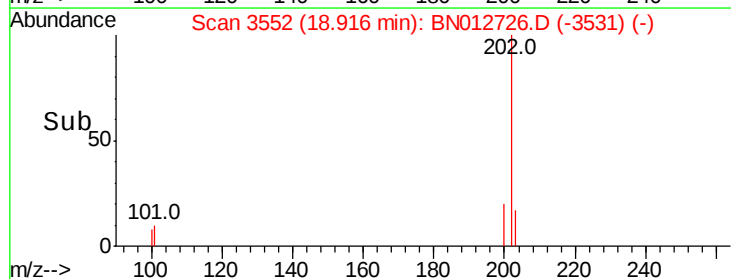
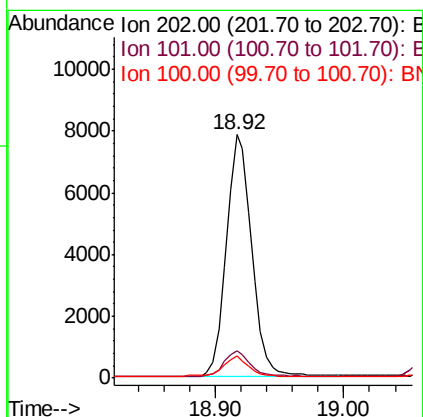
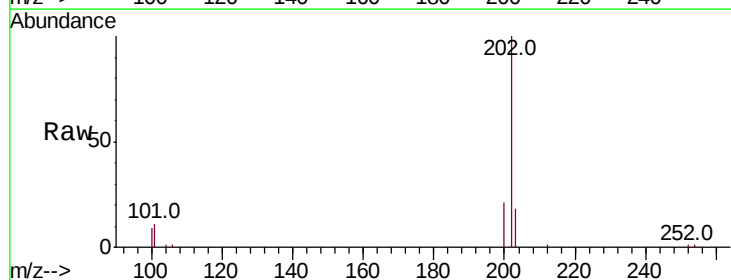
Instrument :
 BNA_N
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 C0AX0

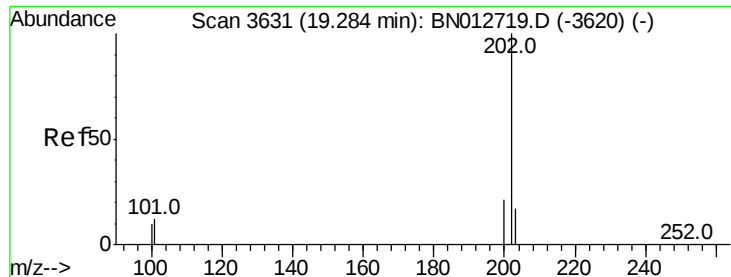
Tot Ion:178 Resp: 616
 Ion Ratio Lower Upper
 178 100
 179 28.5 14.8 22.2#
 176 27.5 16.3 24.5#



#15
 Fluoranthene
 Concen: 0.661 ng/ul
 RT: 18.92 min Scan# 3552
 Delta R.T. -0.00 min
 Lab File: BN012726.D
 Acq: 24 Nov 2020 21:03

Tgt Ion:202 Resp: 10720
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.5
 100 8.9 0.0 28.4

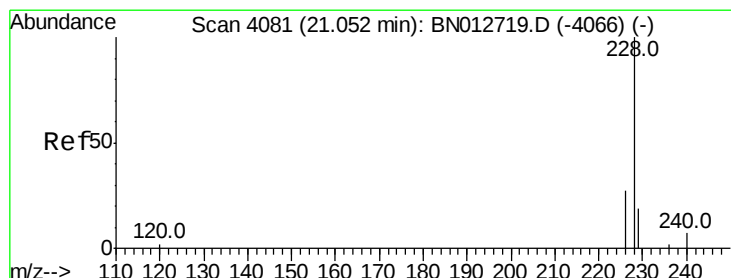
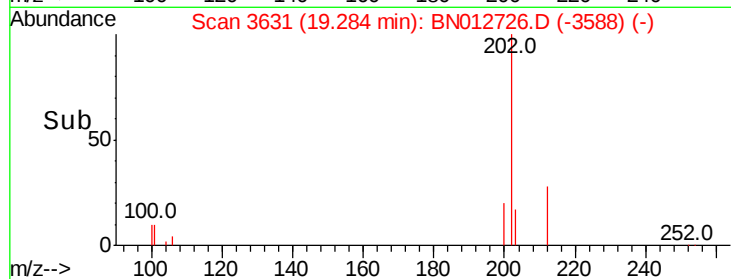
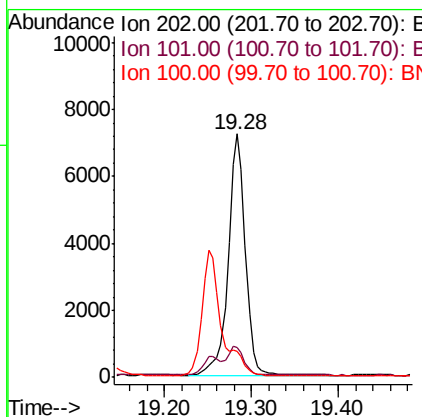
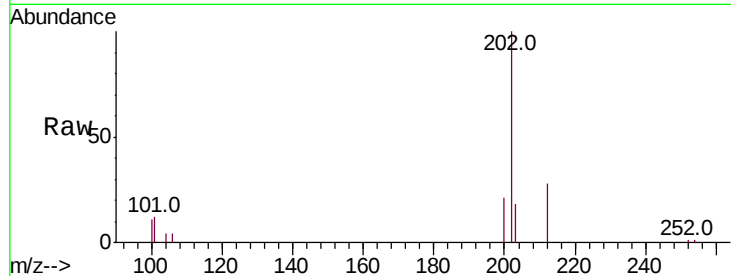




#17
Pvrene
Concen: 0.688 ng/ul
RT: 19.28 min Scan# 3631
Delta R.T. 0.00 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

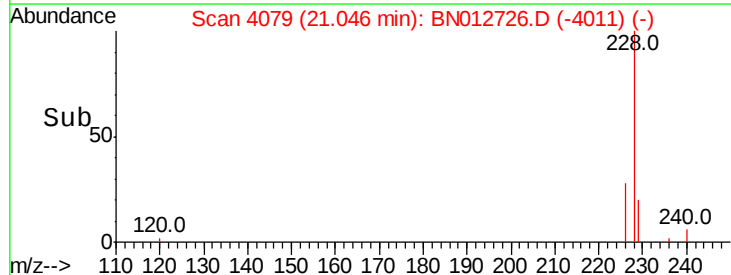
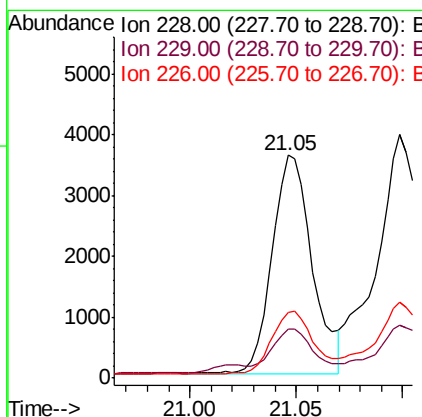
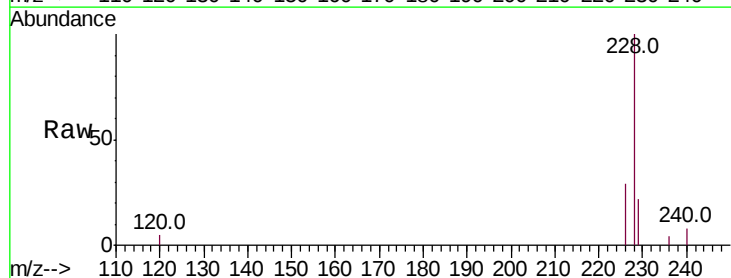
Instrument :
BNA_N
ClientSampleId :
C0AX0

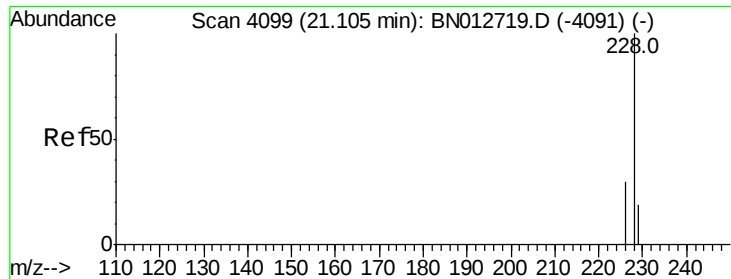
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.9	13.3
100	10.6	7.4	11.2



#18
Benzo(a)anthracene
Concen: 0.407 ng/ul
RT: 21.05 min Scan# 4079
Delta R.T. -0.00 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.9	16.9	25.3
226	29.3	23.1	34.7





#19

Chrysene

Concen: 0.411 ng/ul

RT: 21.10 min Scan# 4097

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

ClientSampleId :

C0AX0

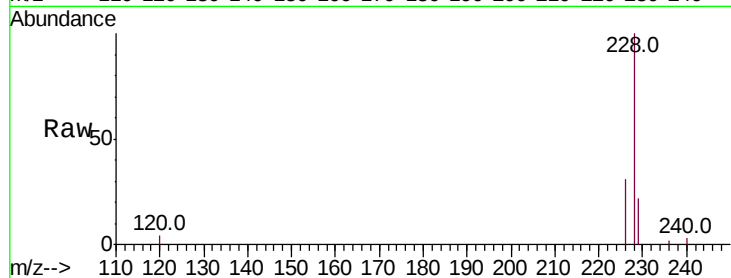
Tot Ion:228 Resp: 5894

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

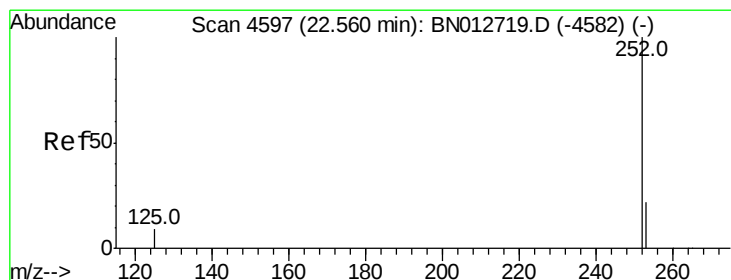
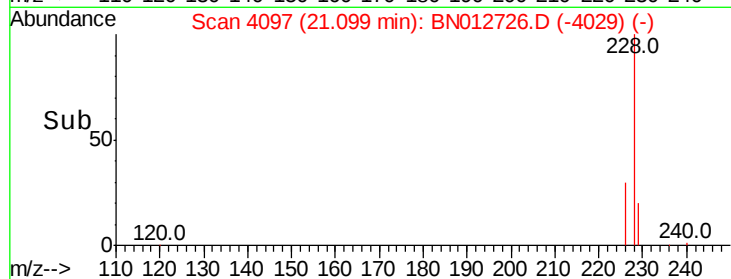
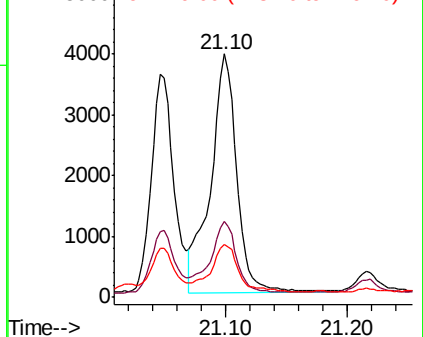
229 21.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 0.698 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

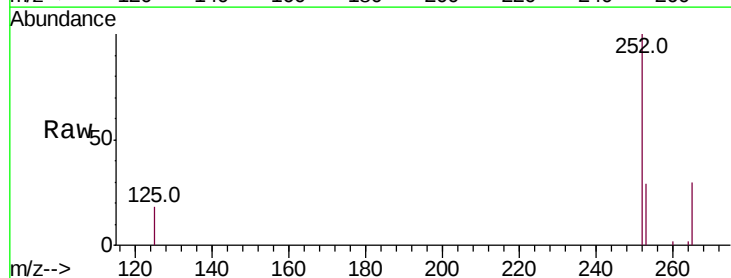
Tgt Ion:252 Resp: 11095

Ion Ratio Lower Upper

252 100

253 29.0 0.0 58.4

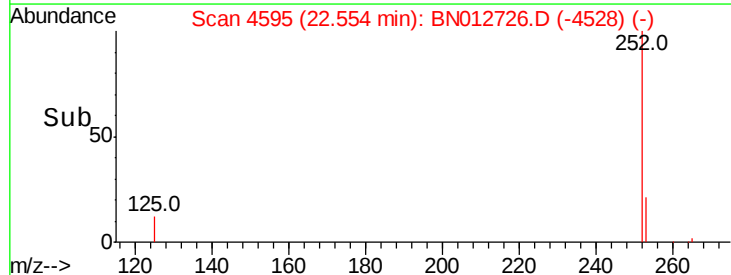
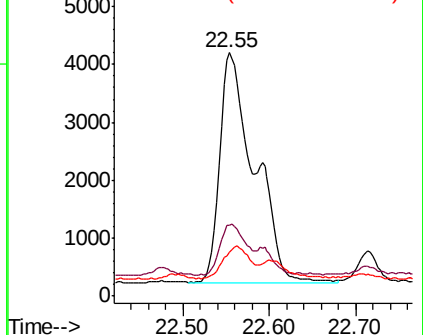
125 18.1 0.0 28.6

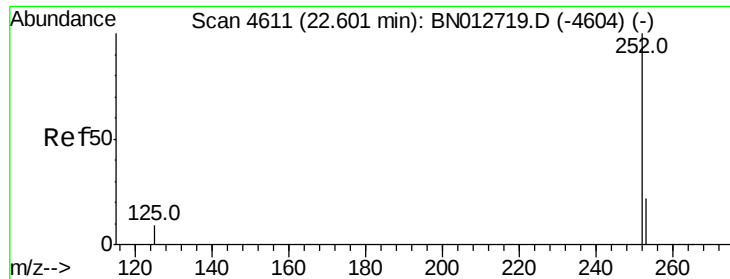


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.605 ng/ul

RT: 22.55 min Scan# 4595

Delta R.T. -0.04 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

ClientSampleId :

C0AX0

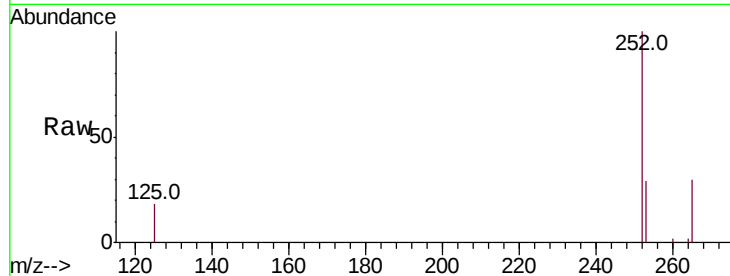
Tot Ion:252 Resp: 11095

Ion Ratio Lower Upper

252 100

253 29.0 23.4 35.2

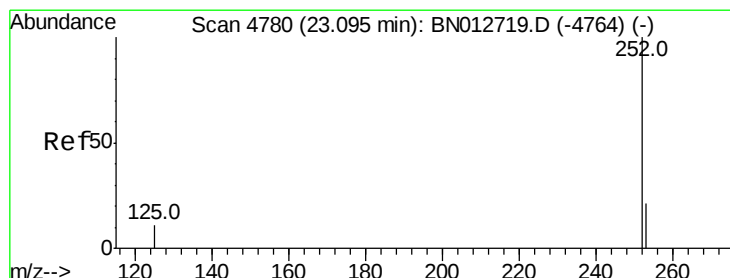
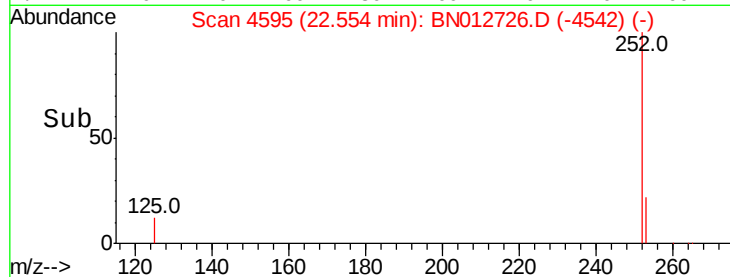
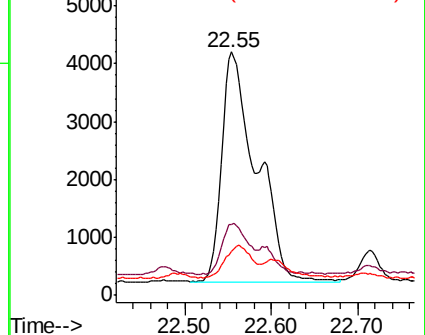
125 18.1 10.2 15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#23

Benzo(a)pyrene

Concen: 0.337 ng/ul

RT: 23.09 min Scan# 4777

Delta R.T. -0.00 min

Lab File: BN012726.D

Acq: 24 Nov 2020 21:03

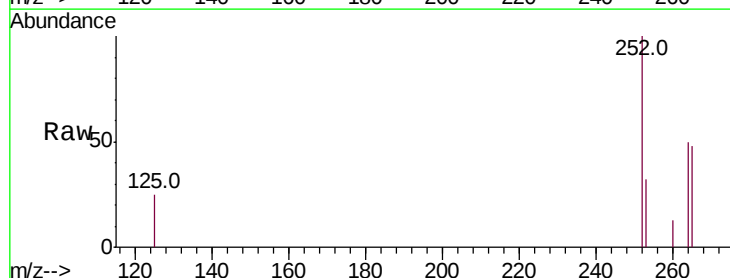
Tgt Ion:252 Resp: 5036

Ion Ratio Lower Upper

252 100

253 31.5 27.6 41.4

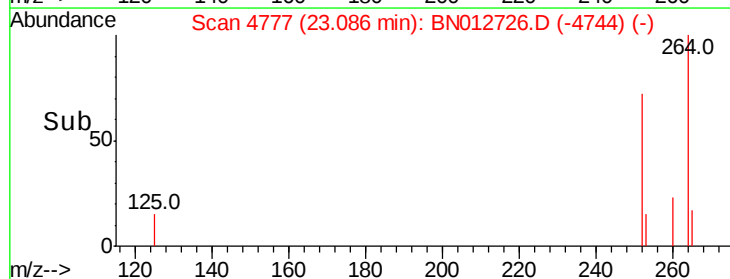
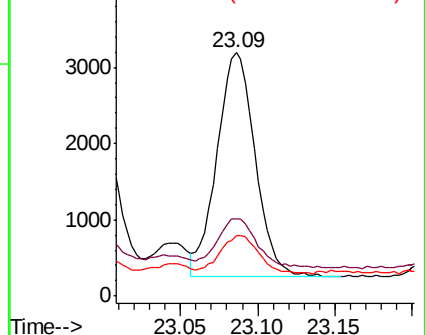
125 24.7 17.0 25.4

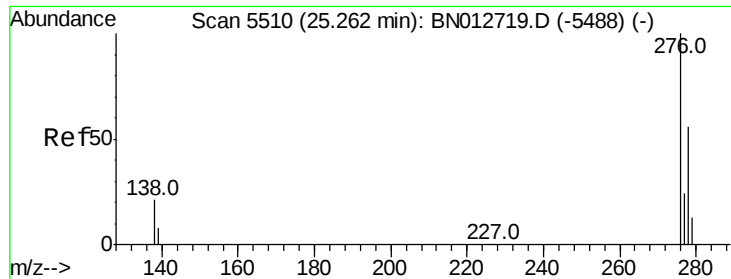


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



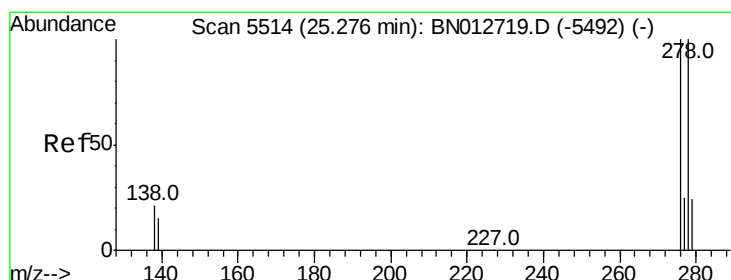
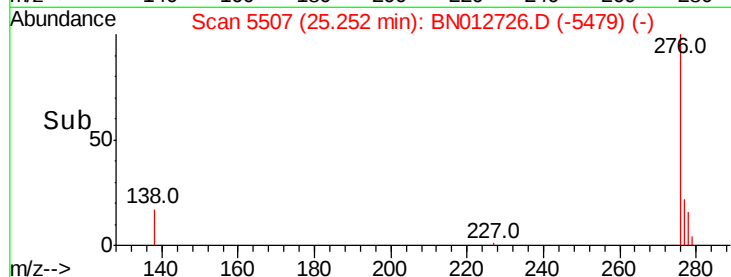
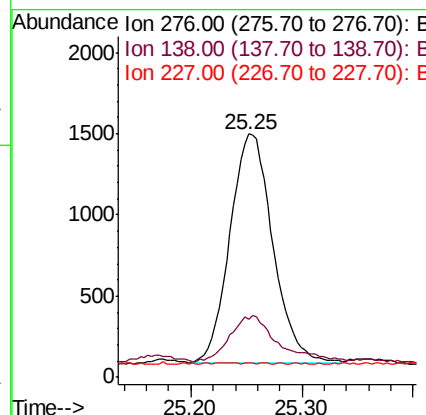
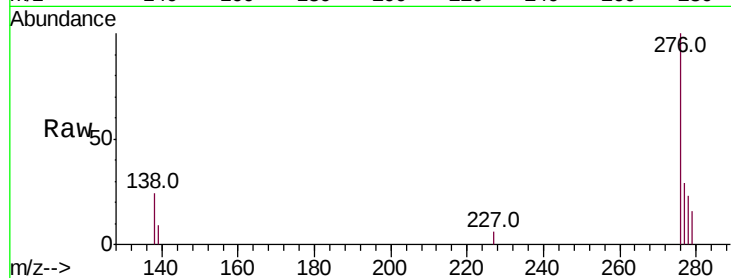


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.192 ng/u1
RT: 25.25 min Scan# 5507
Delta R.T. -0.01 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Instrument :
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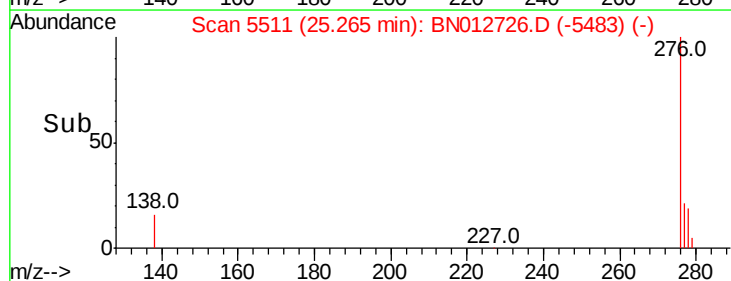
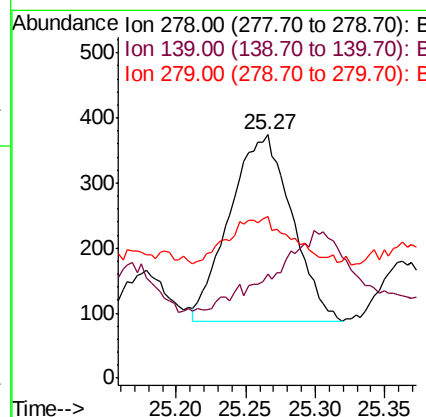
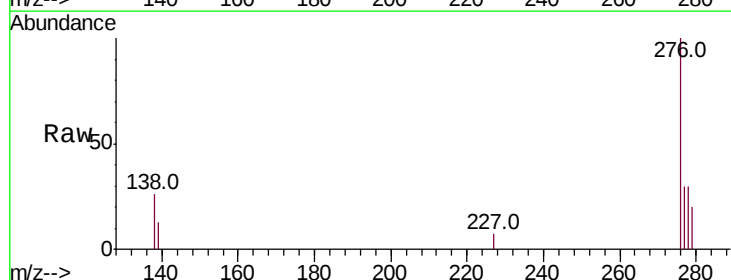
Tot Ion:276 Resp: 3757
Ion Ratio Lower Upper
276 100
138 22.7 16.5 24.7
227 0.1 0.1 0.1#

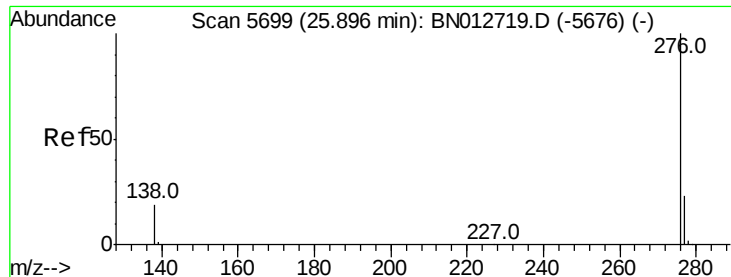


#25

Dibenzo(a,h)anthracene
Concen: 0.056 ng/u1
RT: 25.27 min Scan# 5511
Delta R.T. -0.01 min
Lab File: BN012726.D
Acq: 24 Nov 2020 21:03

Tgt Ion:278 Resp: 888
Ion Ratio Lower Upper
278 100
139 42.8 13.8 20.8#
279 66.3 25.6 38.4#





#26

Benzo(a,h,i)perylene

Concen: 0.197 ng/ul

RT: 25.89 min Scan# 5696

Delta R.T. -0.00 min

Lab File: BN012726.D

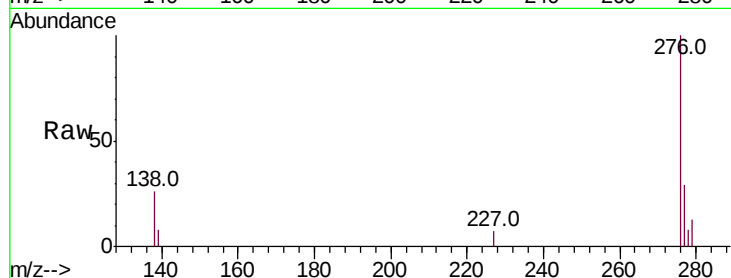
Acq: 24 Nov 2020 21:03

Instrument :

BNA_N

ClientSampleId :

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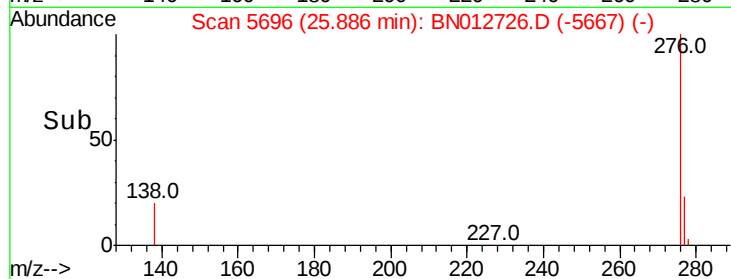
Tot Ion:276 Resp: 3467

Ion Ratio Lower Upper

276 100

138 26.1 16.3 24.5#

277 28.8 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

