

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM011321\
 Data File : BM028386.D
 Acq On : 13 Jan 2021 14:16
 Operator : CG/JU
 Sample : M1050-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2X35

Quant Time: Jan 13 14:58:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM011121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 12 10:28:38 2021
 Response via : Initial Calibration

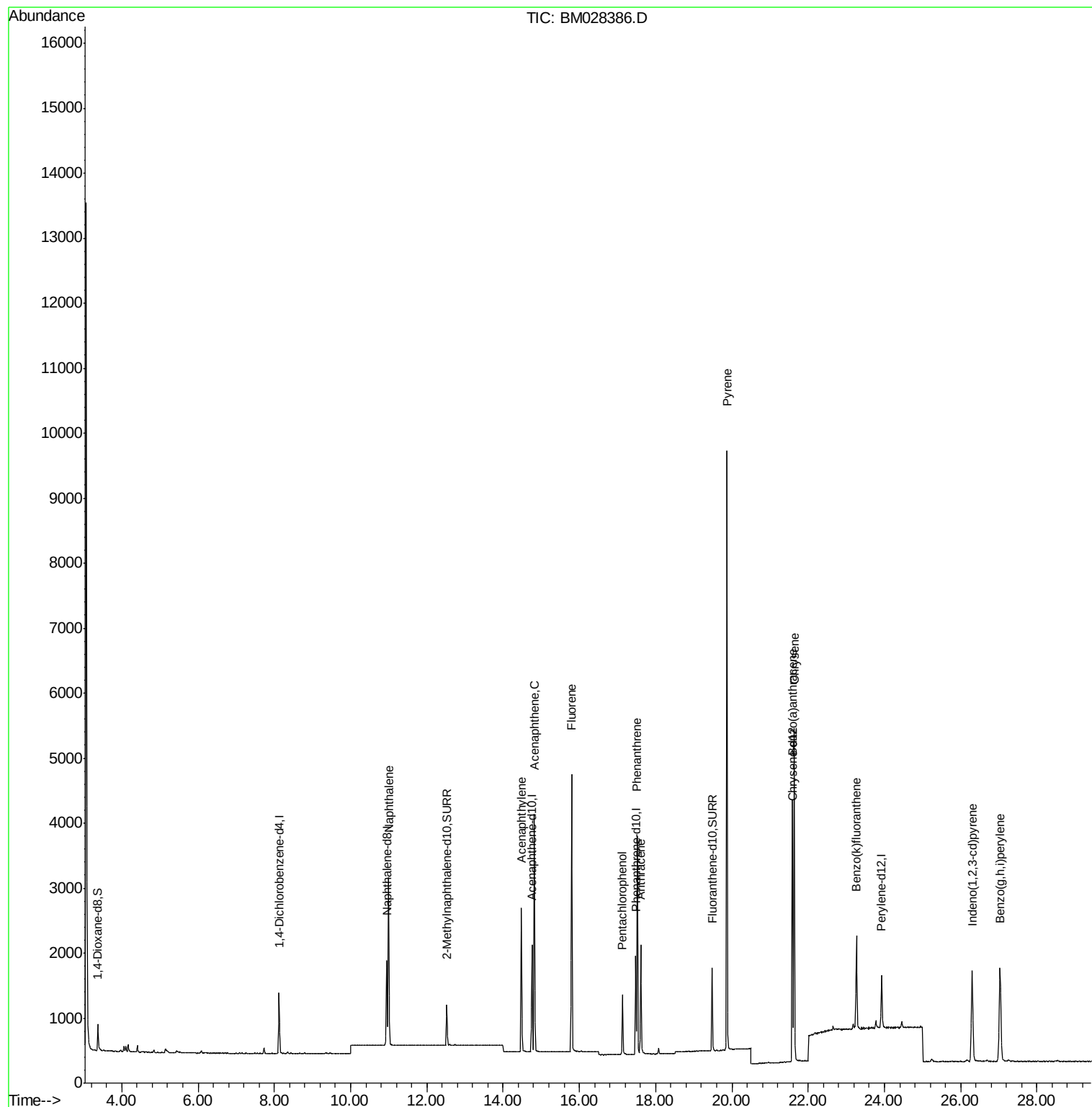
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	455	0.40	ng/ul	0.00
4) Naphthalene-d8	10.95	136	1716	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.75	164	896	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.48	188	1819	0.40	ng/ul	0.00
17) Chrysene-d12	21.60	240	1449	0.40	ng/ul	0.00
23) Perylene-d12	23.93	264	1100	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	265	0.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.52	152	774	0.31	ng/ul	0.00
18) Fluoranthene-d10	19.48	212	1401	0.31	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.99	128	3491	0.711	ng/ul	97
10) Acenaphthylene	14.48	152	2573	0.664	ng/ul	96
11) Acenaphthene	14.82	153	2052	0.619	ng/ul	97
12) Fluorene	15.80	166	2774	0.765	ng/ul	97
14) Pentachlorophenol	17.13	266	599	1.463	ng/ul	96
15) Phenanthrene	17.52	178	3452	0.600	ng/ul	98
16) Anthracene	17.61	178	1923	0.383	ng/ul	99
20) Pyrene	19.87	202	7553	1.204	ng/ul	94
21) Benzo(a)anthracene	21.58	228	3124	0.628	ng/ul	97
22) Chrysene	21.64	228	4423	0.811	ng/ul	97
25) Benzo(k)fluoranthene	23.27	252	1867	0.417	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.30	276	2757	0.542	ng/ul#	85
29) Benzo(g,h,i)perylene	27.03	276	3110	0.682	ng/ul	93

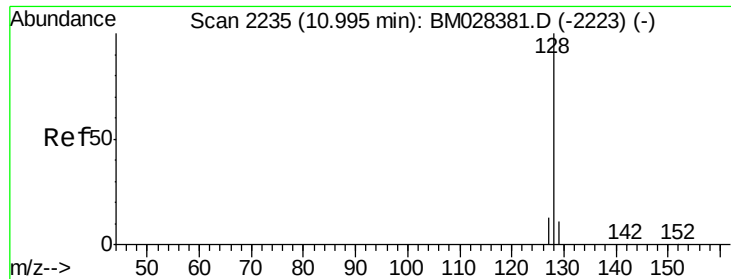
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.711 ng/ul

RT: 10.99 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

Instrument :

BNA_M

ClientSampleId :

X2X35

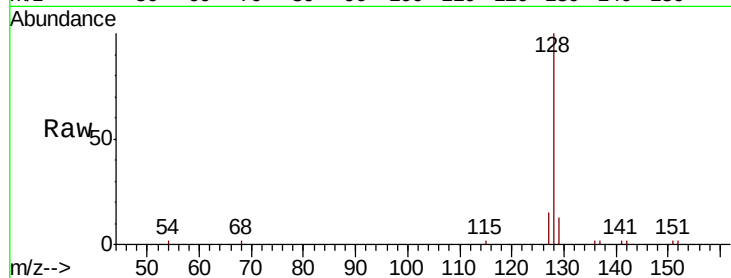
Tot Ion:128 Resp: 3491

Ion Ratio Lower Upper

128 100

129 12.7 11.1 16.7

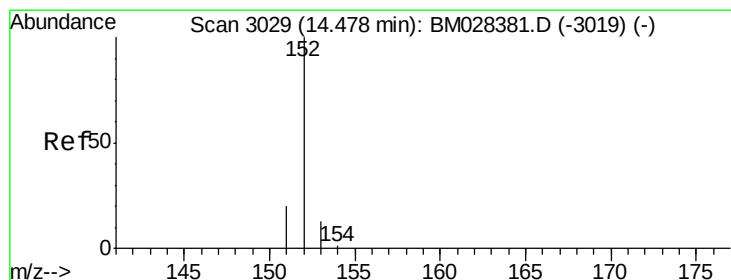
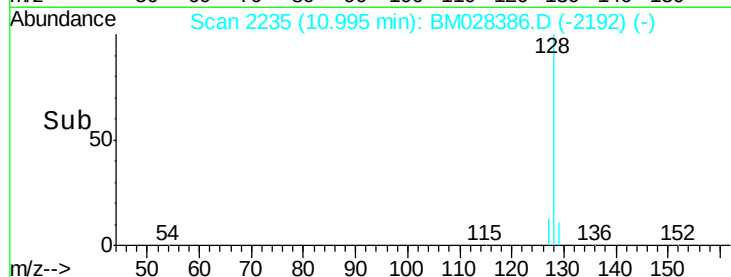
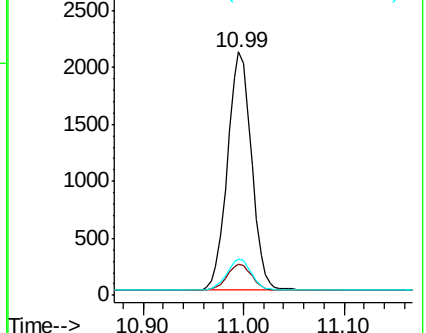
127 14.7 13.0 19.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Acenaphthylene

Concen: 0.664 ng/ul

RT: 14.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

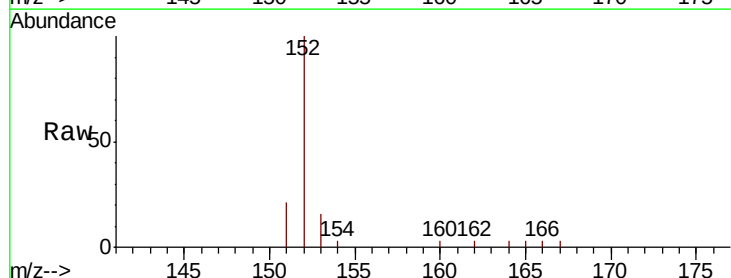
Tgt Ion:152 Resp: 2573

Ion Ratio Lower Upper

152 100

151 21.1 18.4 27.6

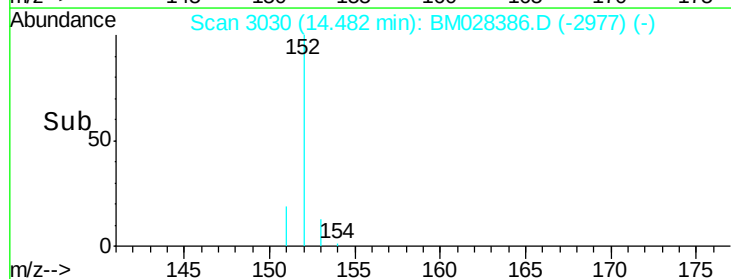
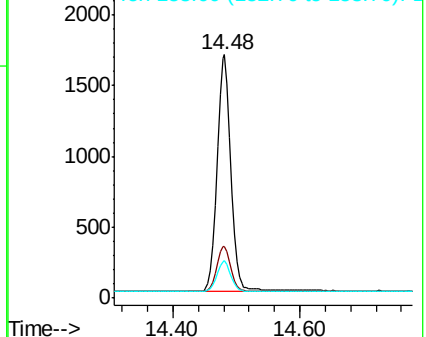
153 15.6 13.8 20.6

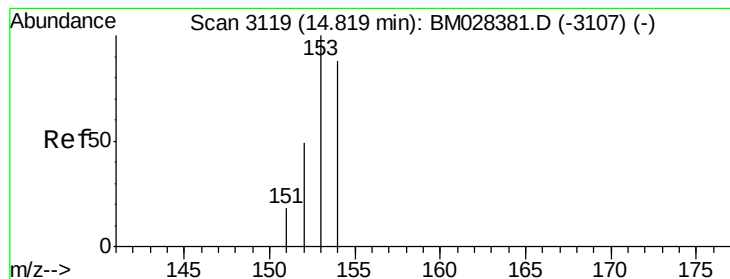


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#11

Acenaphthene

Concen: 0.619 ng/ul

RT: 14.82 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

Instrument :

BNA_M

ClientSampleId :

X2X35

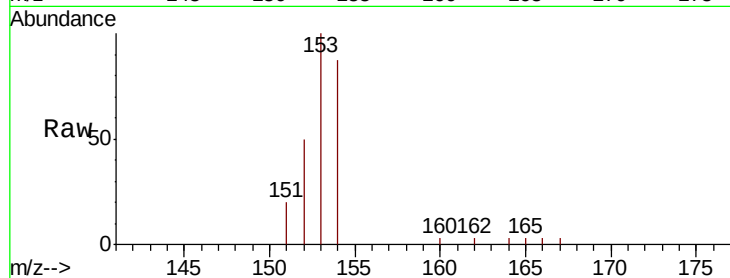
Tot Ion:153 Resp: 2052

Ion Ratio Lower Upper

153 100

152 50.1 40.9 61.3

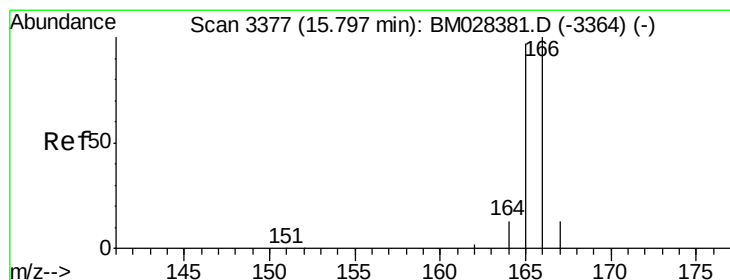
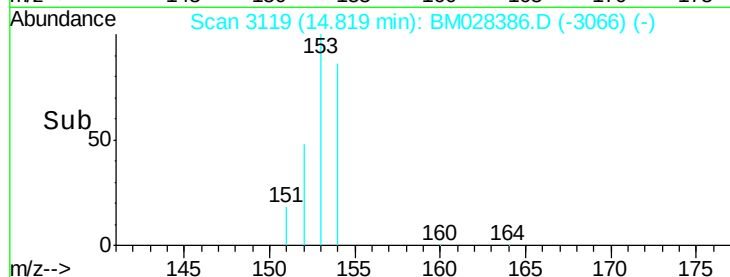
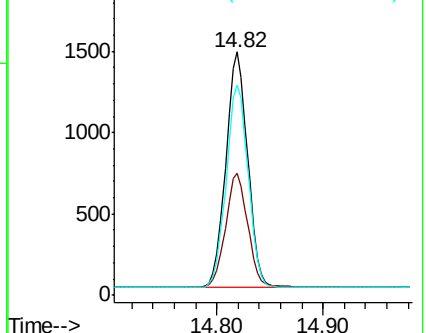
154 86.5 71.7 107.5



Abundance Ion 153.00 (152.70 to 153.70): E

2000 Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#12

Fluorene

Concen: 0.765 ng/ul

RT: 15.80 min Scan# 3377

Delta R.T. -0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

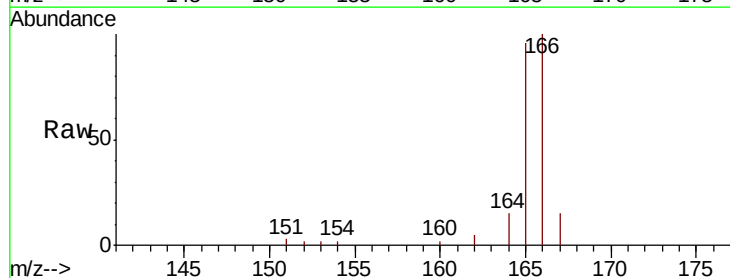
Tgt Ion:166 Resp: 2774

Ion Ratio Lower Upper

166 100

165 96.1 78.6 117.8

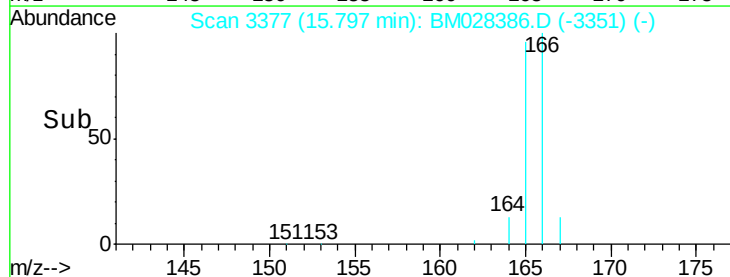
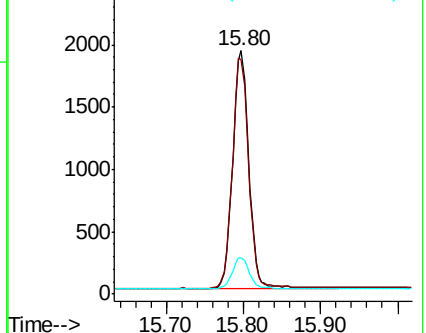
167 15.0 14.2 21.2

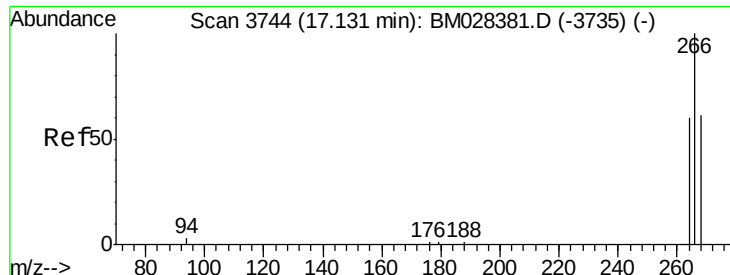


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

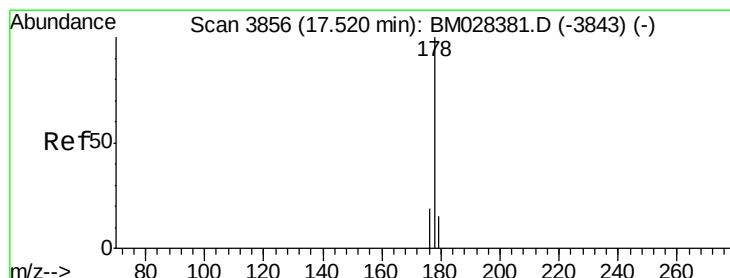
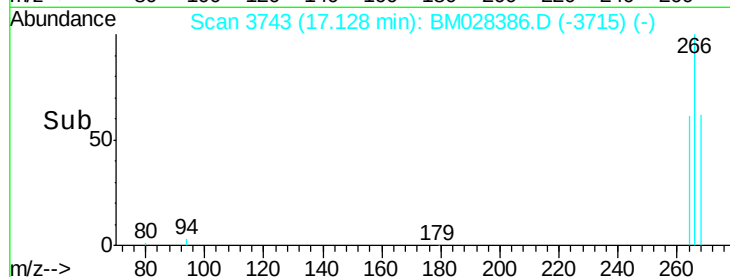
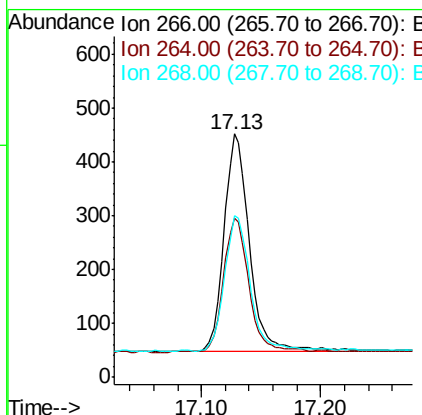
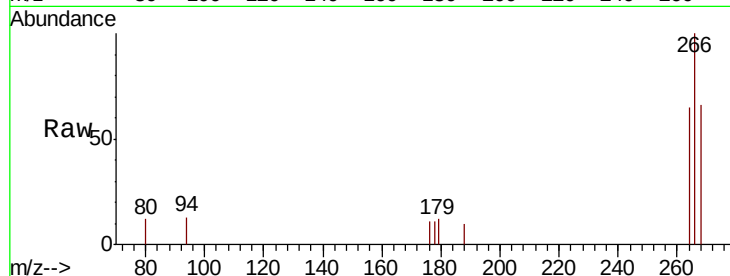




#14
 Pentachlorophenol
 Concen: 1.463 ng/ul
 RT: 17.13 min Scan# 3743
 Delta R.T. -0.00 min
 Lab File: BM028386.D
 Acq: 13 Jan 2021 14:16

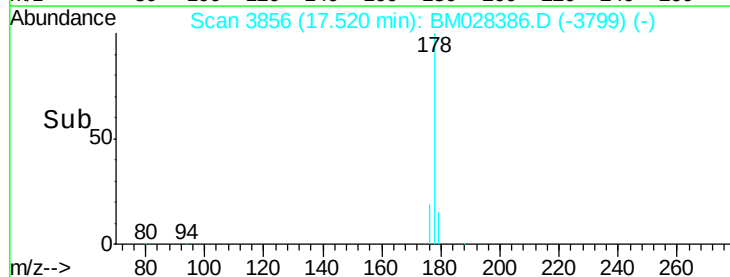
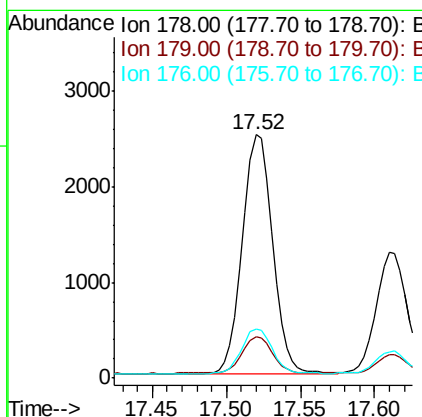
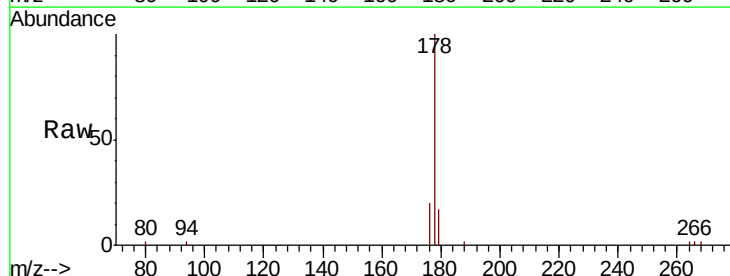
Instrument :
 BNA_M
 ClientSampleId :
 X2X35

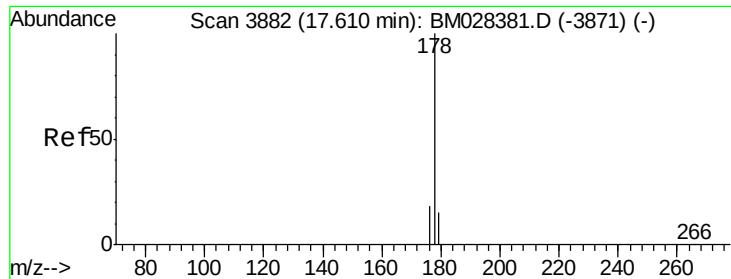
Tot Ion:266 Resp: 599
 Ion Ratio Lower Upper
 266 100
 264 62.1 52.6 78.8
 268 62.4 52.0 78.0



#15
 Phenanthrene
 Concen: 0.600 ng/ul
 RT: 17.52 min Scan# 3856
 Delta R.T. -0.00 min
 Lab File: BM028386.D
 Acq: 13 Jan 2021 14:16

Tgt Ion:178 Resp: 3452
 Ion Ratio Lower Upper
 178 100
 179 17.0 14.6 21.8
 176 20.2 17.0 25.6





#16

Anthracene

Concen: 0.383 ng/ul

RT: 17.61 min Scan# 3882

Delta R.T. -0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

Instrument :

BNA_M

ClientSampleId :

X2X35

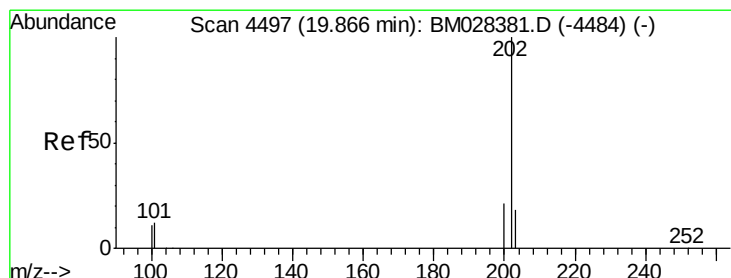
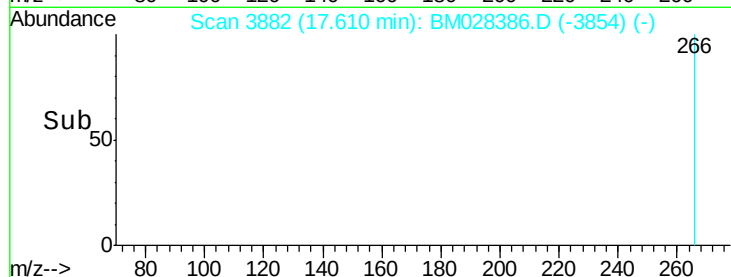
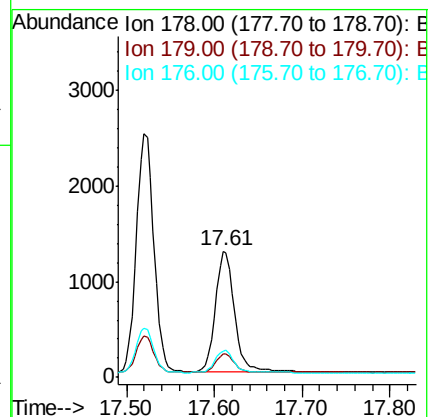
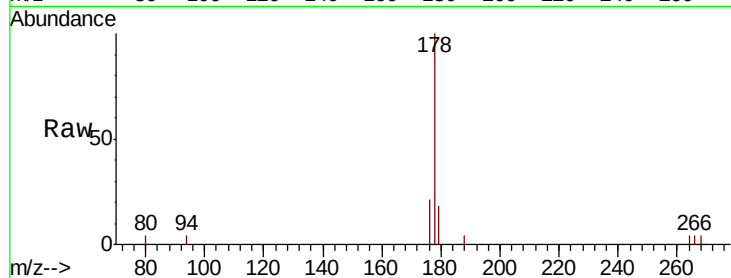
Tot Ion:178 Resp: 1923

Ion Ratio Lower Upper

178 100

179 18.4 15.1 22.7

176 20.9 17.0 25.4



#20

Pyrene

Concen: 1.204 ng/ul

RT: 19.87 min Scan# 4498

Delta R.T. 0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

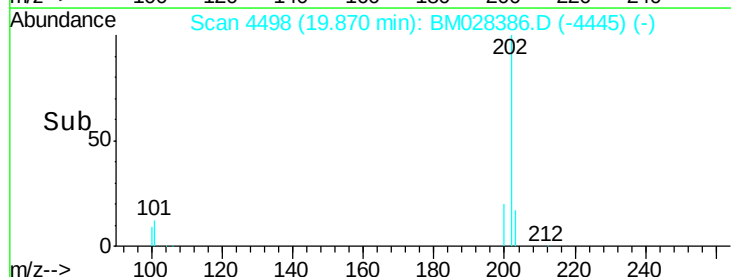
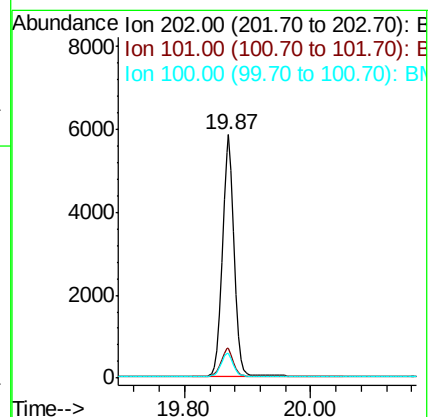
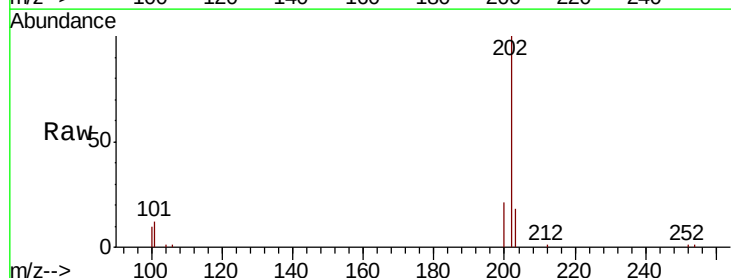
Tgt Ion:202 Resp: 7553

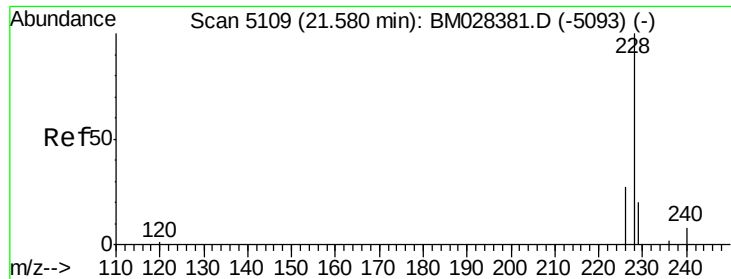
Ion Ratio Lower Upper

202 100

101 12.3 11.8 17.8

100 10.2 10.1 15.1





#21

Benzo(a)anthracene

Concen: 0.628 ng/ul

RT: 21.58 min Scan# 5110

Delta R.T. 0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

Instrument :

BNA_M

ClientSampleId :

X2X35

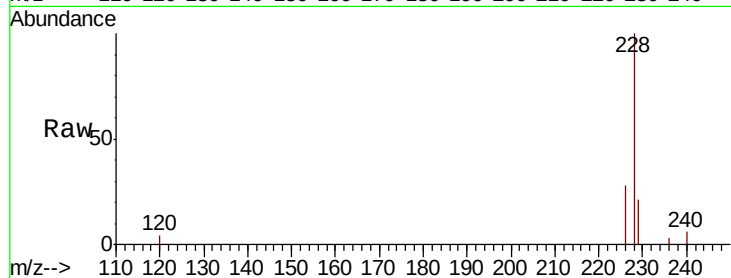
Tot Ion:228 Resp: 3124

Ion Ratio Lower Upper

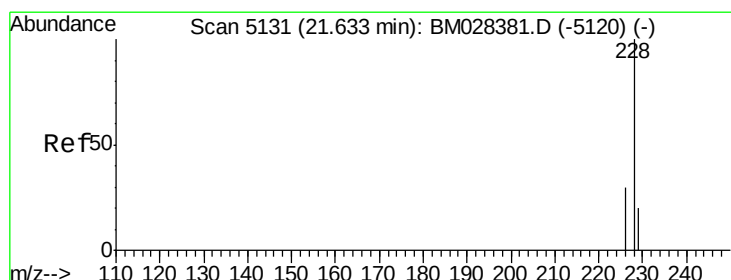
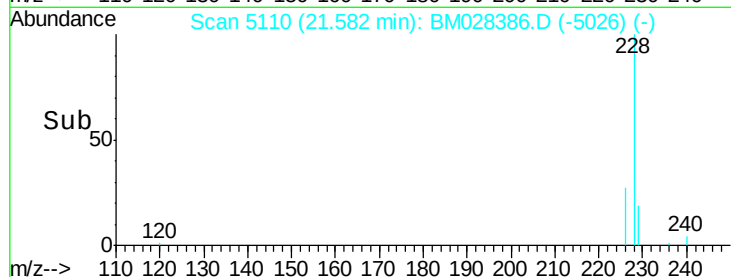
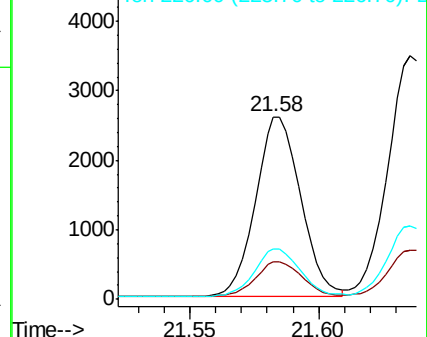
228 100

229 20.7 18.3 27.5

226 27.9 23.0 34.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#22

Chrysene

Concen: 0.811 ng/ul

RT: 21.64 min Scan# 5132

Delta R.T. 0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

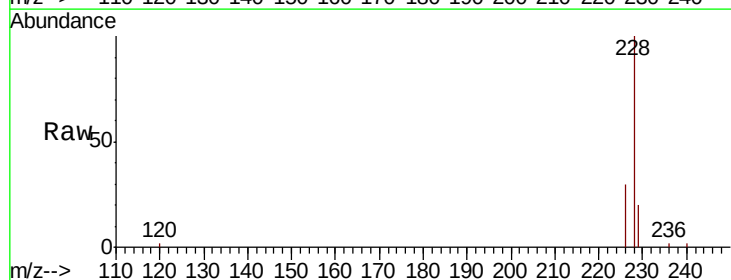
Tgt Ion:228 Resp: 4423

Ion Ratio Lower Upper

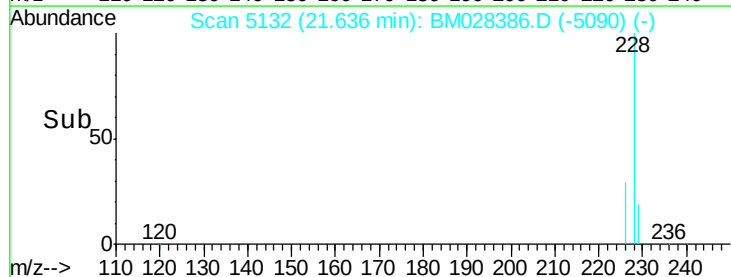
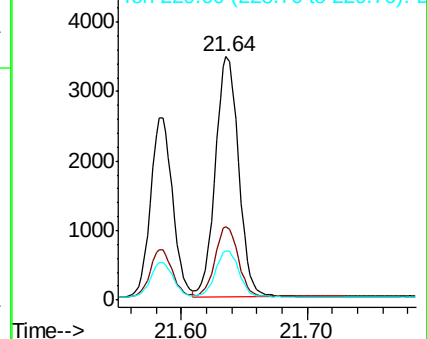
228 100

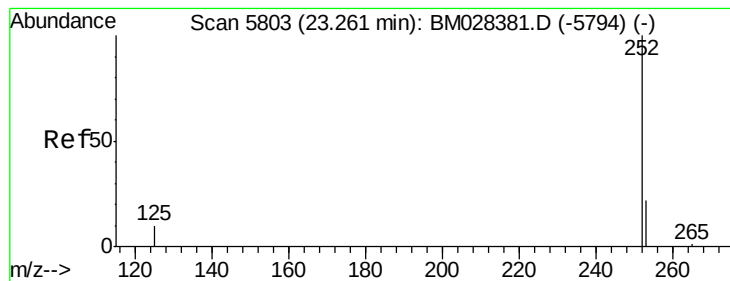
226 30.0 25.1 37.7

229 20.3 17.4 26.0



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





#25

Benzo(k)fluoranthene

Concen: 0.417 ng/ul

RT: 23.27 min Scan# 5806

Delta R.T. 0.01 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

Instrument :

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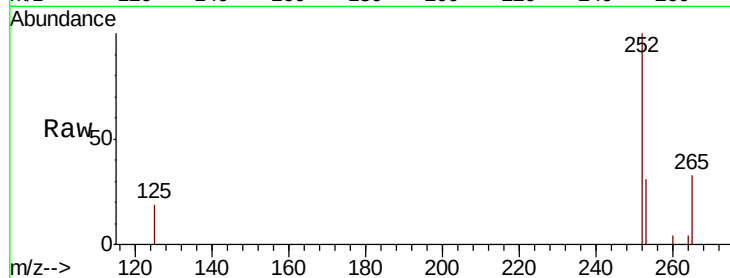
Tot Ion:252 Resp: 1867

Ion Ratio Lower Upper

252 100

253 31.3 24.7 37.1

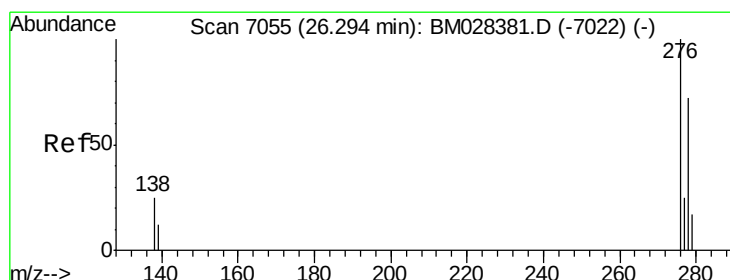
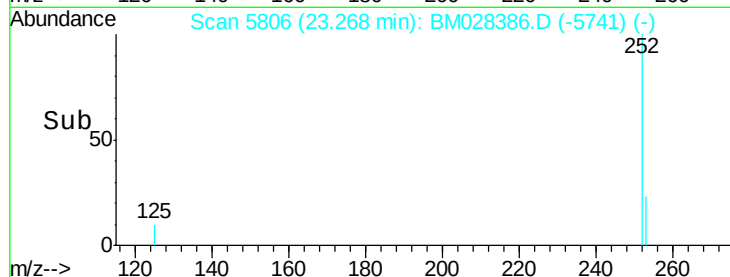
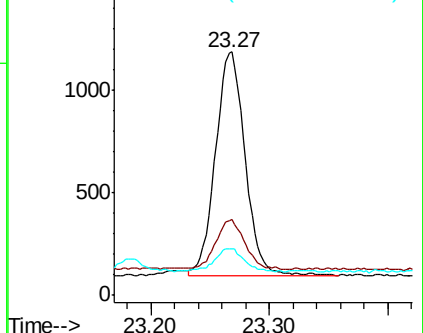
125 18.9 17.3 25.9



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.542 ng/ul

RT: 26.30 min Scan# 7057

Delta R.T. 0.00 min

Lab File: BM028386.D

Acq: 13 Jan 2021 14:16

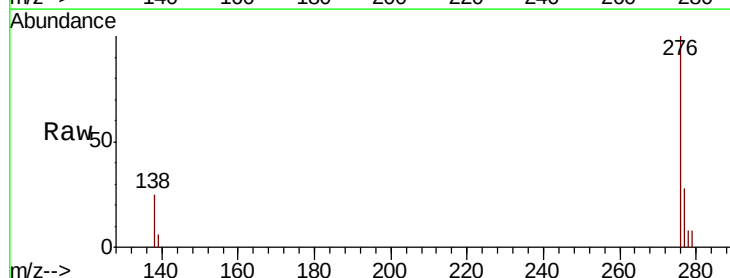
Tgt Ion:276 Resp: 2757

Ion Ratio Lower Upper

276 100

138 19.8 21.9 32.9#

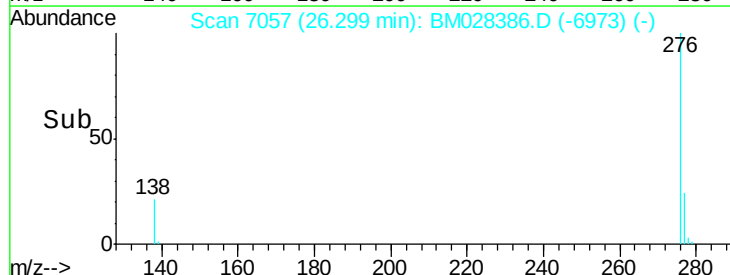
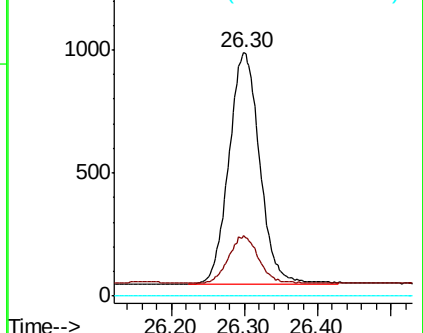
227 0.0 0.0 0.0

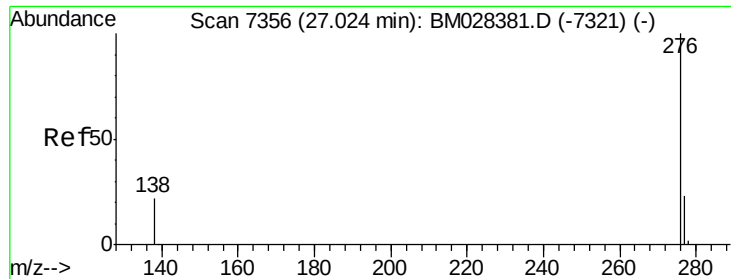


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#29

Benzo(a,h,i)perylene

Concen: 0.682 ng/ul

RT: 27.03 min Scan# 7359

Delta R.T. 0.00 min

Lab File: BM028386.D

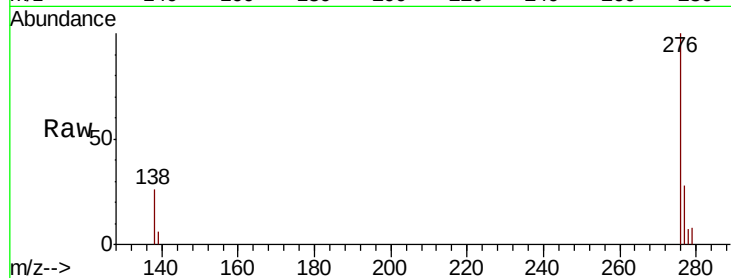
Acq: 13 Jan 2021 14:16

Instrument :

BNA_M

ClientSampleId :

X2X35



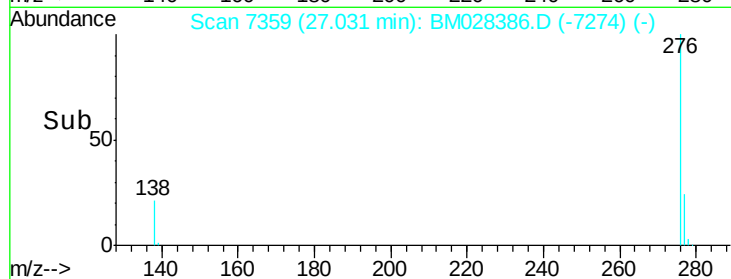
Tot Ion:276 Resp: 3110

Ion Ratio Lower Upper

276 100

138 25.7 24.7 37.1

277 27.6 23.8 35.6



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

