

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082318\
 Data File : BN002483.D
 Acq On : 24 Aug 2018 01:25
 Operator : JU/SJ
 Sample : J4421-09DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 24 04:18:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 24 02:20:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1840	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	7428	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	4183	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	9995	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10803	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	10828	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	427	0.04	ng/ul	0.02
14) Fluoranthene-d10	19.09	212	1242	0.04	ng/ul	0.00

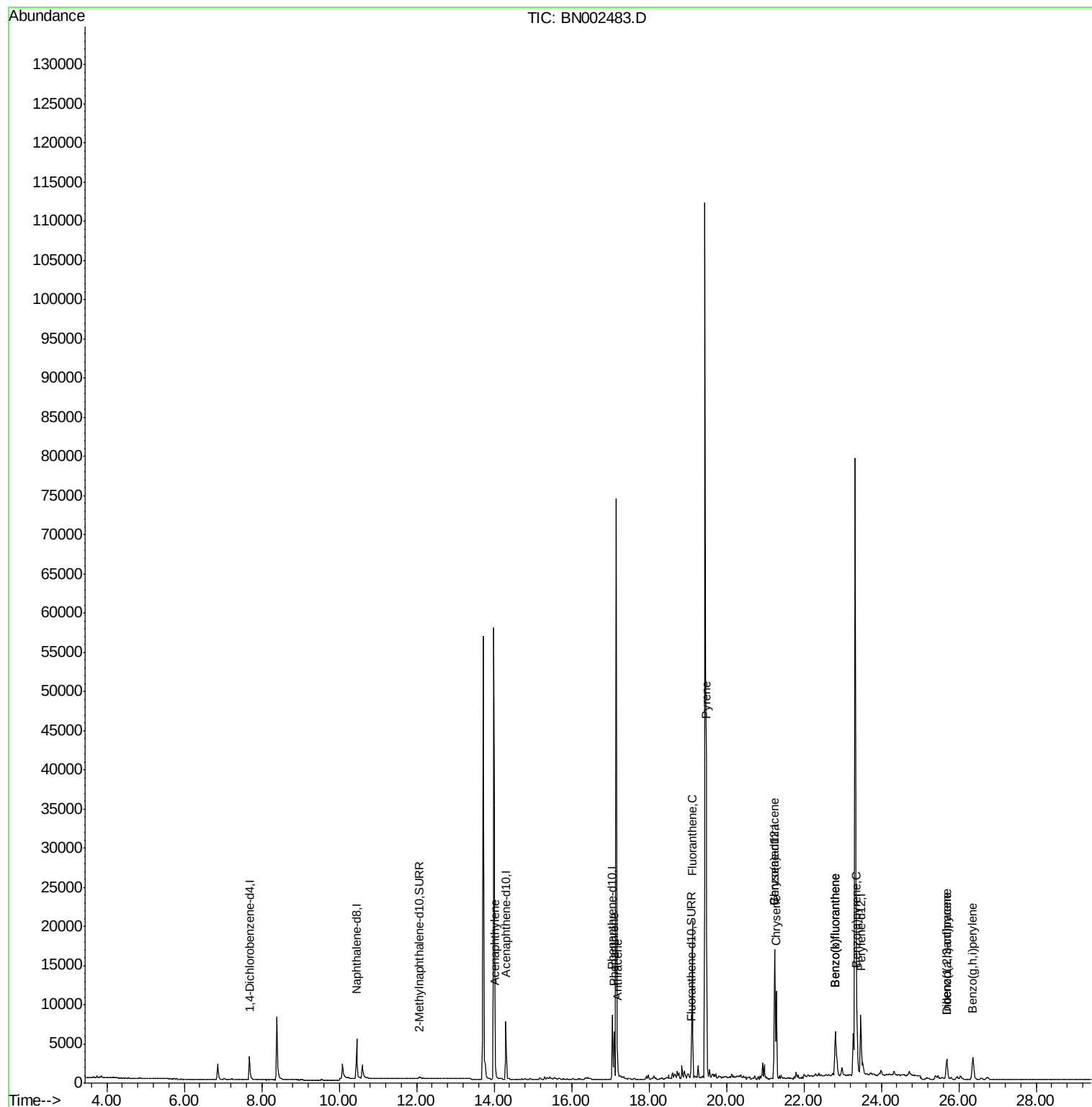
Target Compounds				Ovalue		
7) Acenaphthylene	14.03	152	2030	0.104	ng/ul	98
12) Phenanthrene	17.09	178	6455	0.218	ng/ul#	89
13) Anthracene	17.19	178	1062	0.042	ng/ul#	94
15) Fluoranthene	19.12	202	17605	0.506	ng/ul	96
17) Pyrene	19.48	202	34177	0.928	ng/ul	96
18) Benzo(a)anthracene	21.24	228	10176	0.315	ng/ul#	85
19) Chrysene	21.29	228	11663	0.319	ng/ul	97
21) Benzo(b)fluoranthene	22.81	252	12487	0.321	ng/ul	92
22) Benzo(k)fluoranthene	22.81	252	12487	0.311	ng/ul	94
23) Benzo(a)pyrene	23.37	252	9173	0.251	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.69	276	4242	0.111	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.70	278	1105	0.037	ng/ul#	81
26) Benzo(g,h,i)perylene	26.37	276	6141	0.188	ng/ul	98

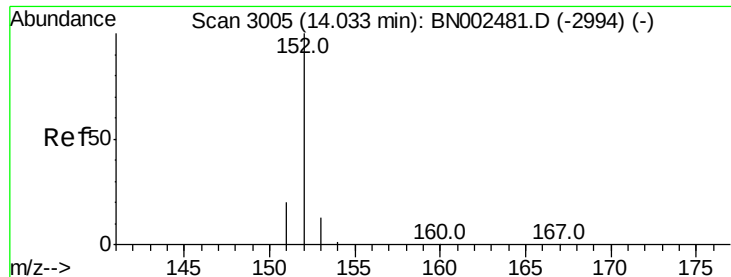
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.104 ng/ul

RT: 14.03 min Scan# 3004

Delta R.T. -0.00 min

Lab File: BN002483.D

Acq: 24 Aug 2018 01:25

Instrument :

BNA_N

ClientSampleId :

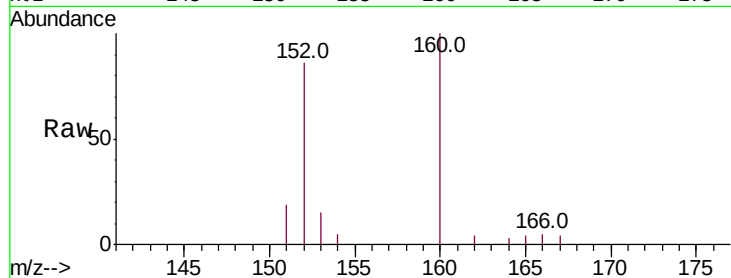
Tot Ion:152 Resp: 2030

Ion Ratio Lower Upper

152 100

151 22.2 17.1 25.7

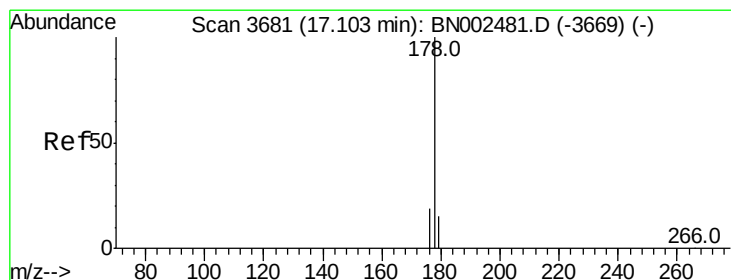
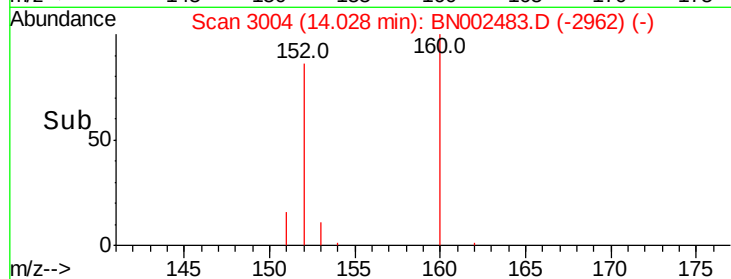
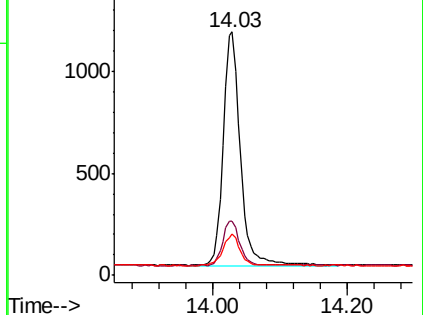
153 16.8 12.8 19.2



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: 0.218 ng/ul

RT: 17.09 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BN002483.D

Acq: 24 Aug 2018 01:25

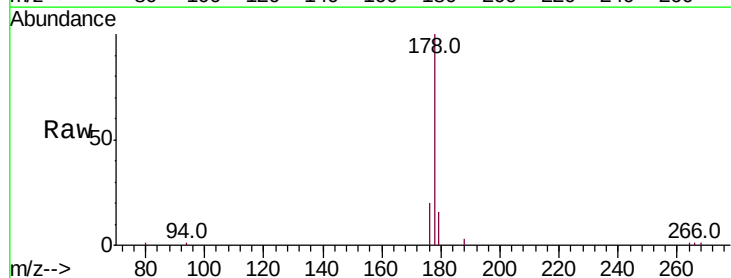
Tgt Ion:178 Resp: 6455

Ion Ratio Lower Upper

178 100

179 16.3 18.4 27.6#

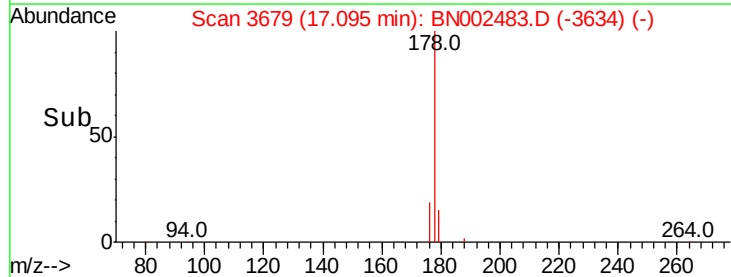
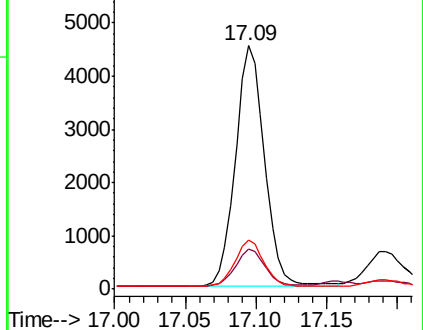
176 20.3 13.6 20.4

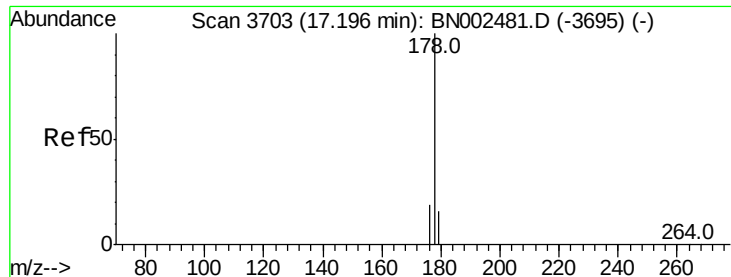


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

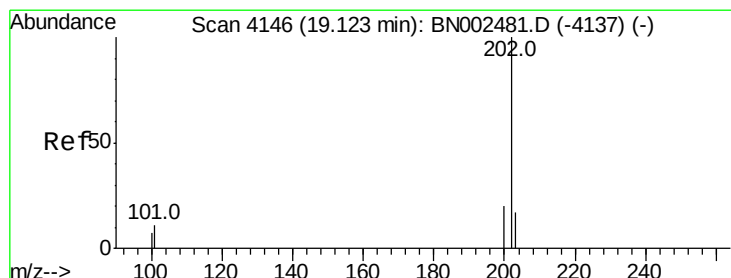
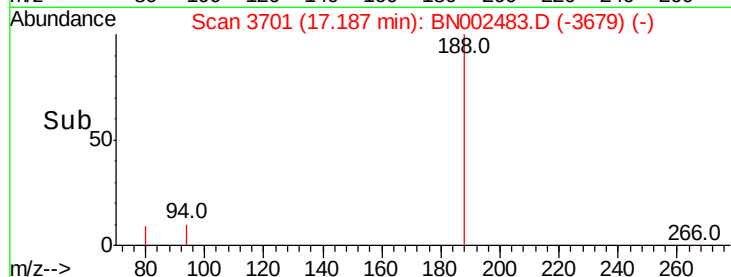
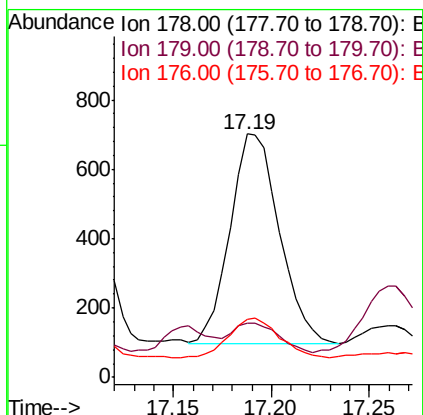
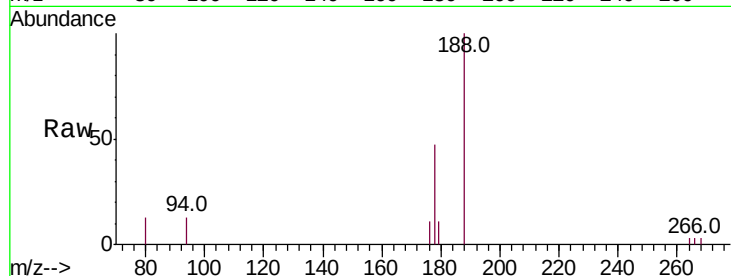




#13
 Anthracene
 Concen: 0.042 ng/ul
 RT: 17.19 min Scan# 3701
 Delta R.T. -0.01 min
 Lab File: BN002483.D
 Acq: 24 Aug 2018 01:25

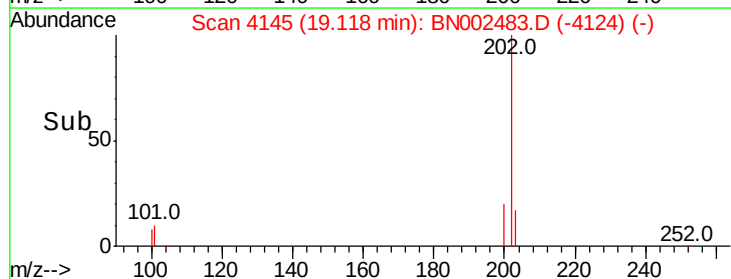
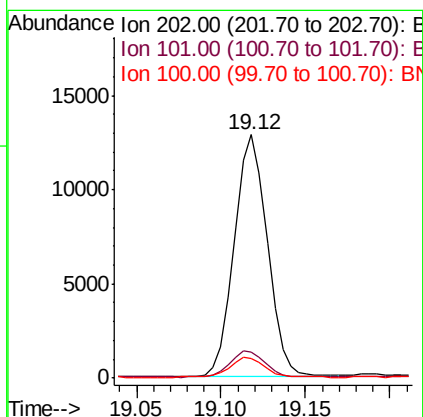
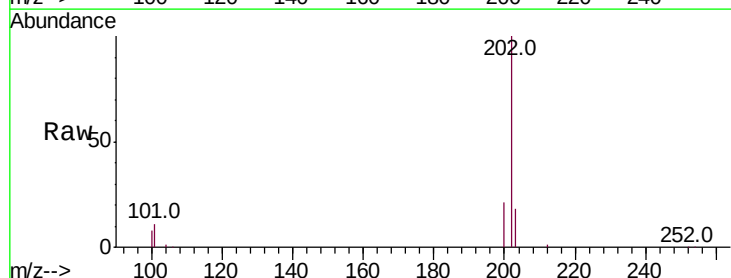
Instrument :
 BNA_N
 ClientSampleId :

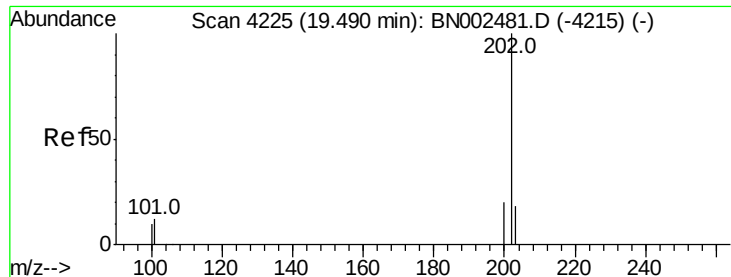
Tot Ion:178 Resp: 1062
 Ion Ratio Lower Upper
 178 100
 179 22.5 18.1 27.1
 176 23.9 14.7 22.1#



#15
 Fluoranthene
 Concen: 0.506 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN002483.D
 Acq: 24 Aug 2018 01:25

Tgt Ion:202 Resp: 17605
 Ion Ratio Lower Upper
 202 100
 101 10.9 0.0 30.0
 100 8.2 0.0 30.0

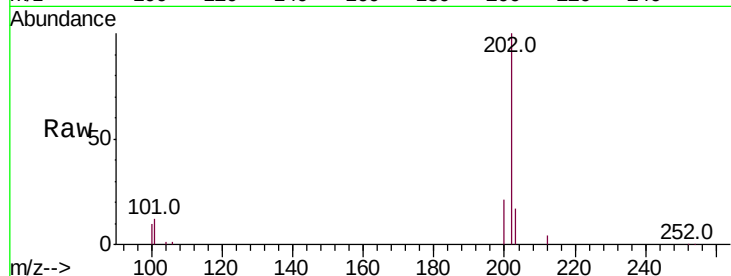




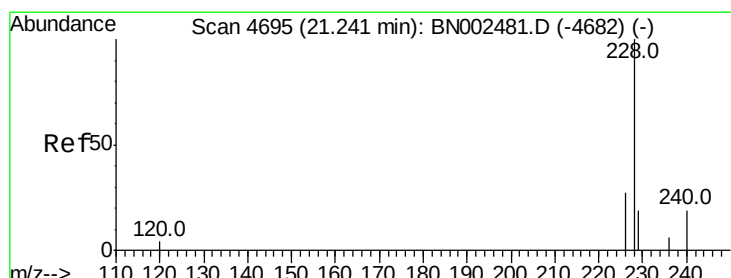
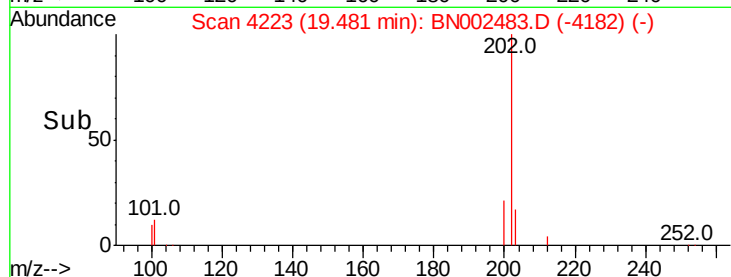
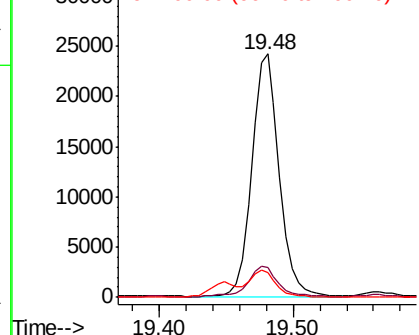
#17
Pvrene
Concen: 0.928 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 34177
Ion Ratio Lower Upper
202 100
101 12.3 12.0 18.0
100 10.0 8.0 12.0

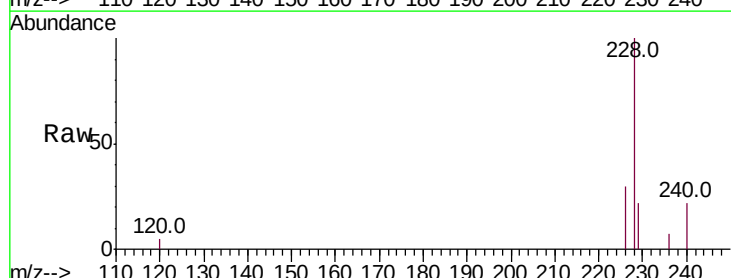


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

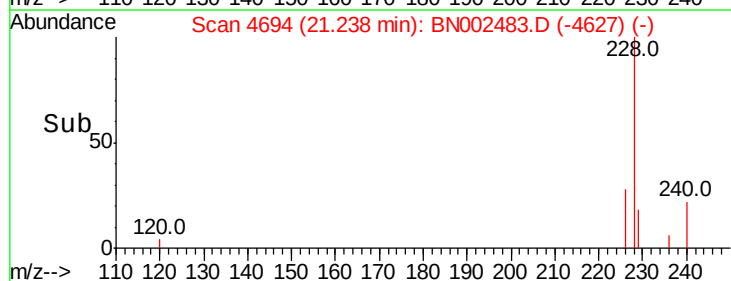
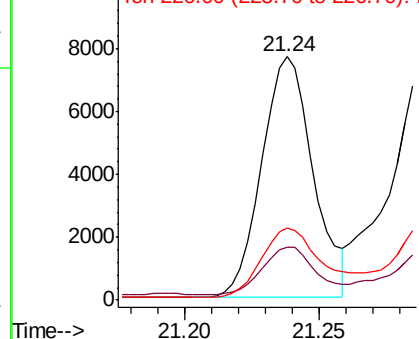


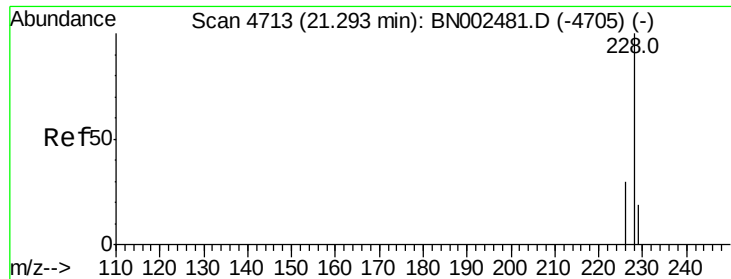
#18
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.24 min Scan# 4694
Delta R.T. -0.00 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Tgt Ion:228 Resp: 10176
Ion Ratio Lower Upper
228 100
229 21.9 22.8 34.2#
226 29.9 17.0 25.6#



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





#19

Chrysene

Concen: 0.319 ng/ul

RT: 21.29 min Scan# 4711

Delta R.T. -0.01 min

Lab File: BN002483.D

Acq: 24 Aug 2018 01:25

Instrument :

BNA_N

ClientSampleId :

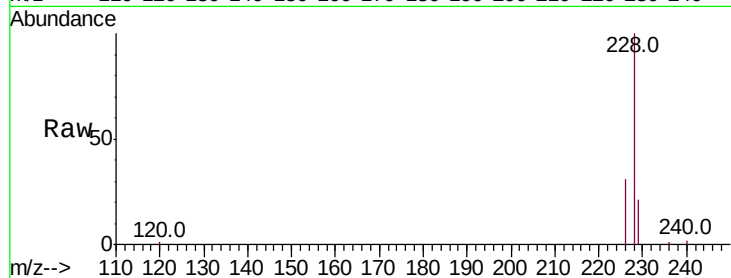
Tot Ion:228 Resp: 11663

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.0

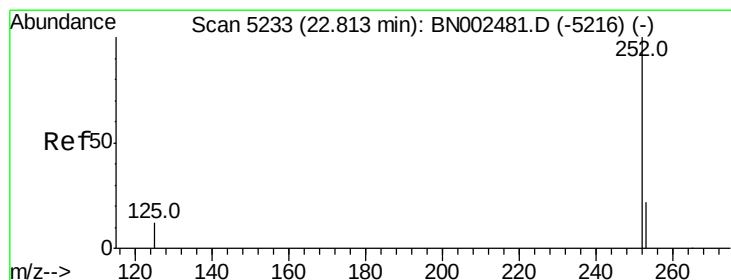
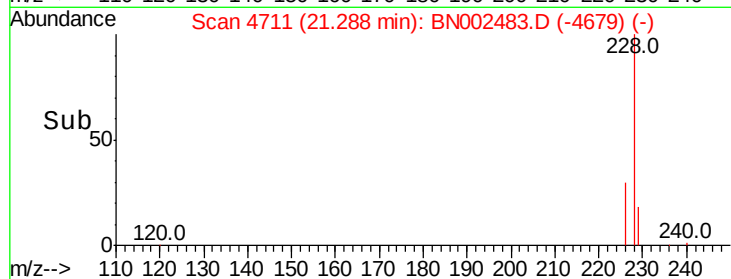
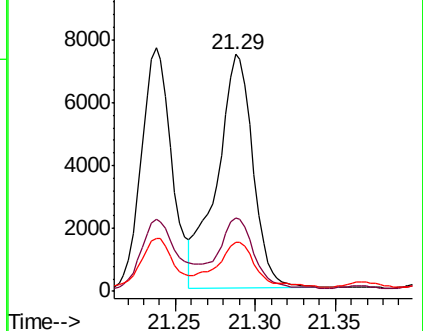
229 20.9 17.7 26.5



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: 0.321 ng/ul

RT: 22.81 min Scan# 5233

Delta R.T. 0.00 min

Lab File: BN002483.D

Acq: 24 Aug 2018 01:25

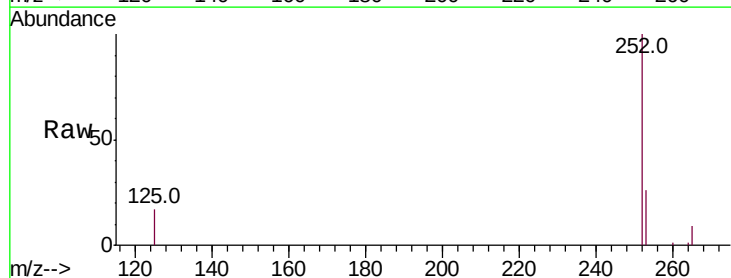
Tgt Ion:252 Resp: 12487

Ion Ratio Lower Upper

252 100

253 25.9 0.0 64.2

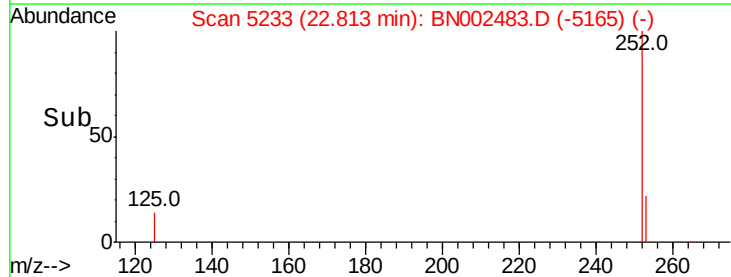
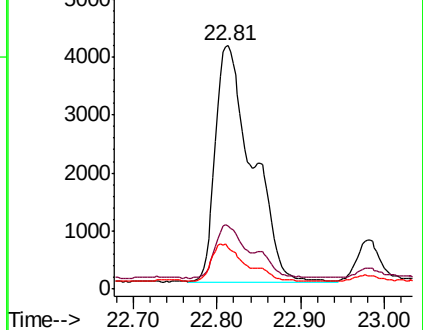
125 16.9 0.0 35.0

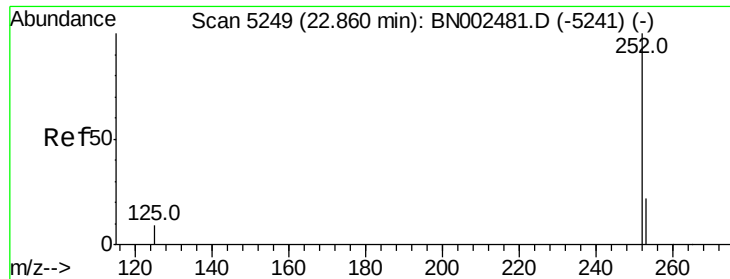


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

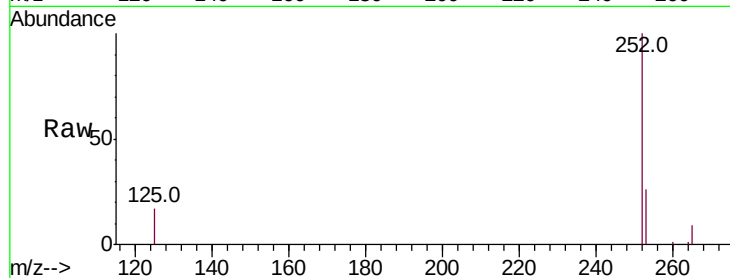




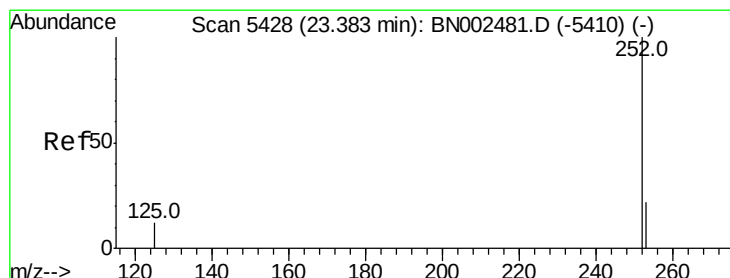
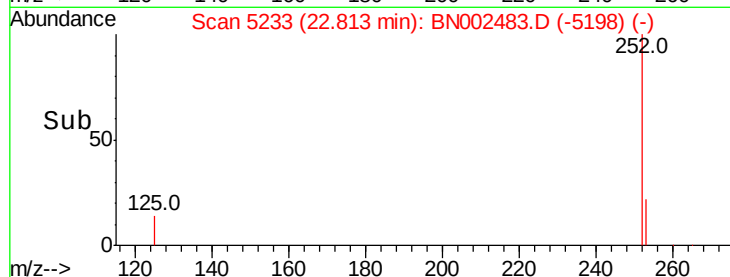
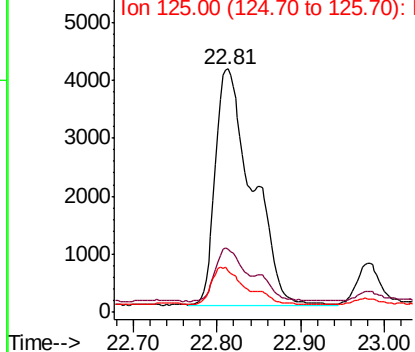
#22
Benzo(k)fluoranthene
Concen: 0.311 ng/ul
RT: 22.81 min Scan# 5233
Delta R.T. -0.05 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 12487
Ion Ratio Lower Upper
252 100
253 25.9 24.5 36.7
125 16.9 13.7 20.5

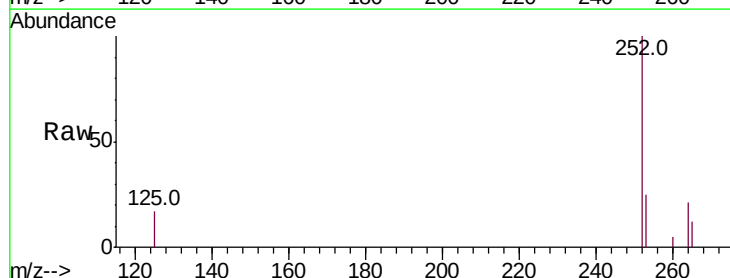


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

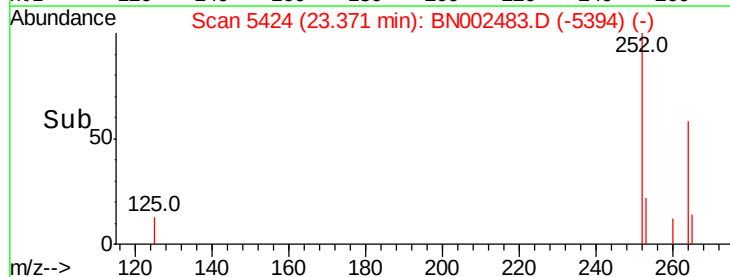
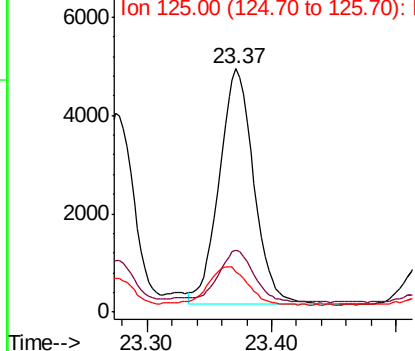


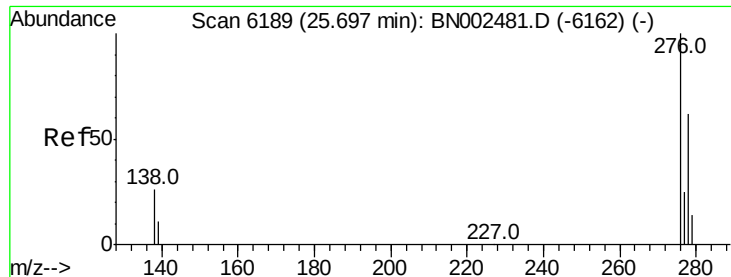
#23
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.37 min Scan# 5424
Delta R.T. -0.01 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Tgt Ion:252 Resp: 9173
Ion Ratio Lower Upper
252 100
253 25.1 16.0 24.0#
125 16.6 12.0 18.0



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



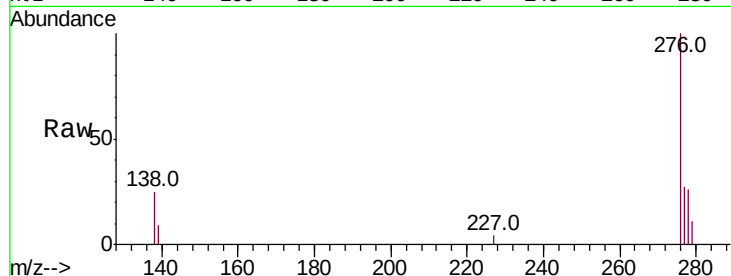


#24

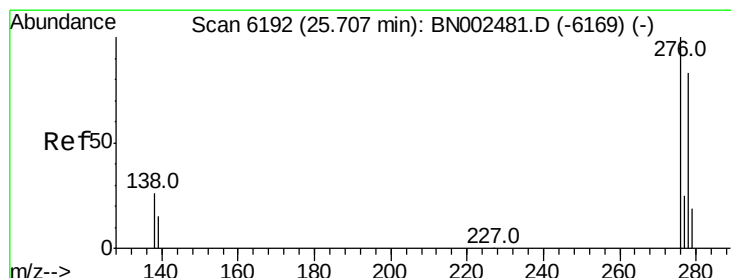
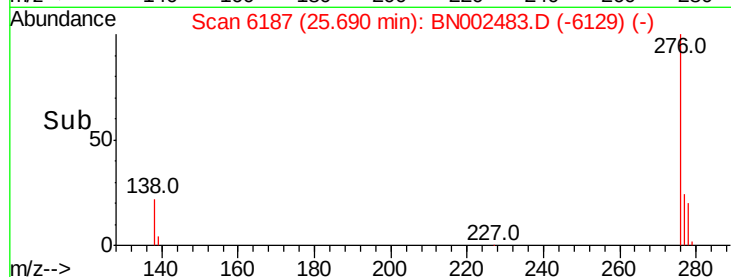
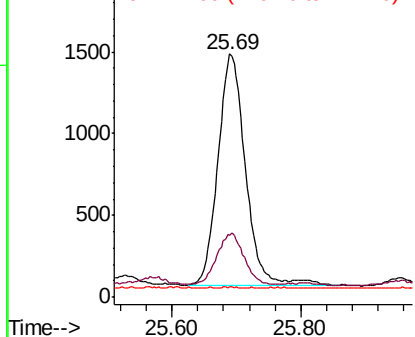
Indeno(1,2,3-cd)pyrene
Concen: 0.111 ng/ul
RT: 25.69 min Scan# 6187
Delta R.T. -0.01 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 4242
Ion Ratio Lower Upper
276 100
138 21.3 28.0 42.0#
227 0.1 0.8 1.2#



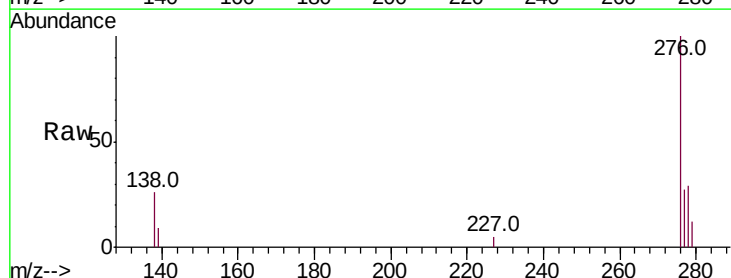
Abundance Ion 276.00 (275.70 to 276.70): E
2000 Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



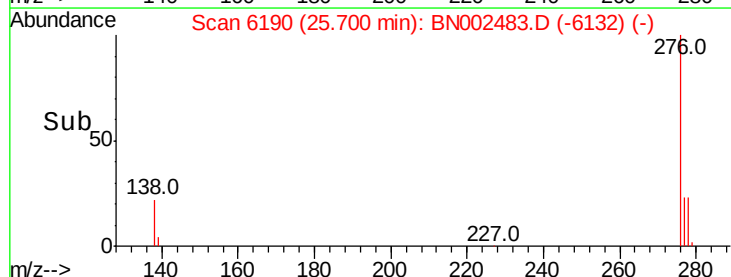
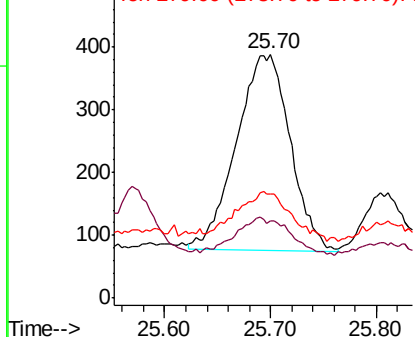
#25

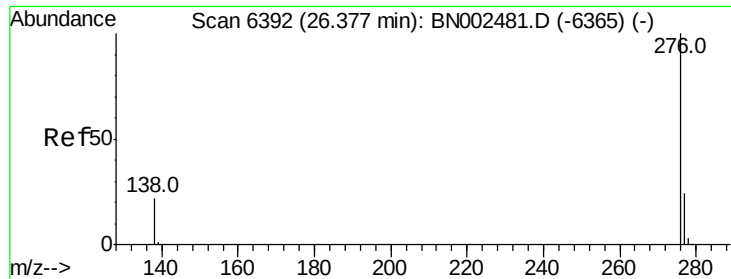
Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 25.70 min Scan# 6190
Delta R.T. -0.01 min
Lab File: BN002483.D
Acq: 24 Aug 2018 01:25

Tgt Ion:278 Resp: 1105
Ion Ratio Lower Upper
278 100
139 31.4 17.4 26.0#
279 42.8 25.9 38.9#



Abundance Ion 278.00 (277.70 to 278.70): E
500 Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.188 ng/ul

RT: 26.37 min Scan# 6389

Delta R.T. -0.01 min

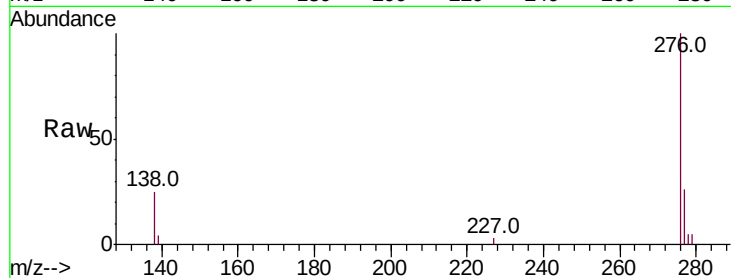
Lab File: BN002483.D

Acq: 24 Aug 2018 01:25

Instrument :

BNA_N

ClientSampleId :



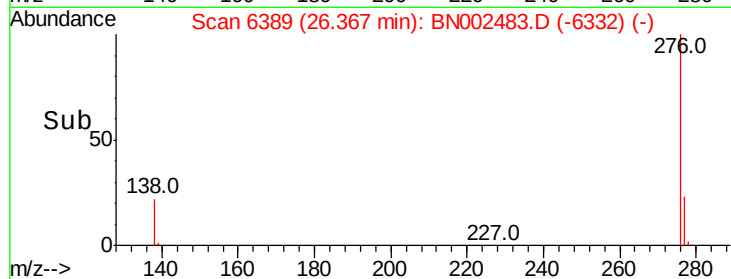
Tot Ion:276 Resp: 6141

Ion Ratio Lower Upper

276 100

138 25.3 21.8 32.8

277 25.5 20.5 30.7



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

