

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
 Data File : BN002663.D
 Acq On : 12 Sep 2018 20:03
 Operator : JU/SJ
 Sample : J4792-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 13 06:00:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	198024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	869237	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	477677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	921009	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	639748	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	640689	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	13891	3.31	ng/uL	0.00
5) Phenol-d5	6.85	99	322366	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	217339	19.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	266605	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	255288	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	139505	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	137426	18.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	258133	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	292986	20.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	872326	22.03	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	1091132	22.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	166	0.02	ng/ul	-0.01
57) Fluorene-d10	15.29	176	747951	21.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	4298	0.73	ng/ul	0.01
70) Anthracene-d10	17.14	188	1031030	23.43	ng/ul	0.00
78) Pyrene-d10	19.44	212	925856	30.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	798184	23.83	ng/ul	0.00

Target Compounds

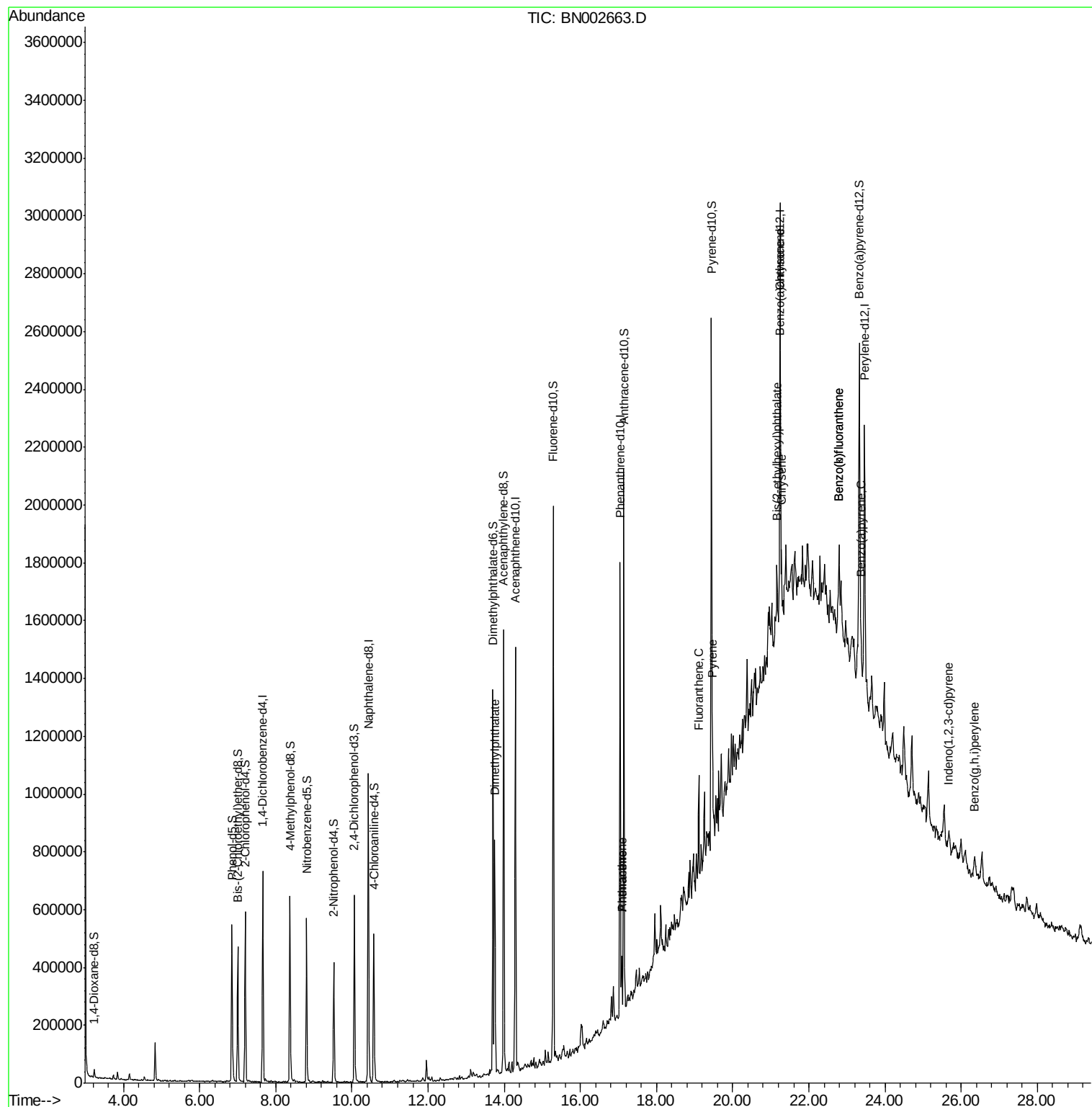
					Ovalue	
44) Dimethylphthalate	13.75	163	511066	13.160	ng/ul	99
69) Phenanthrene	17.09	178	118495	2.334	ng/ul	98
71) Anthracene	17.09	178	118495	2.301	ng/ul	98
76) Fluoranthene	19.11	202	199538	3.453	ng/ul	99
79) Pyrene	19.47	202	199569	5.174	ng/ul	100
82) Benzo(a)anthracene	21.23	228	84456	2.155	ng/ul#	94
83) Bis(2-ethylhexyl)phthalate	21.16	149	56563	2.307	ng/ul#	92
84) Chrysene	21.28	228	106991	2.884	ng/ul#	91
87) Benzo(b)fluoranthene	22.80	252	132983	3.463	ng/ul#	71
88) Benzo(k)fluoranthene	22.80	252	132983	3.676	ng/ul#	70
90) Benzo(a)pyrene	23.37	252	79369	2.170	ng/ul#	66
91) Indeno(1,2,3-cd)pyrene	25.68	276	70636	1.623	ng/ul	93
93) Benzo(g,h,i)perylene	26.36	276	66369	1.828	ng/ul	96

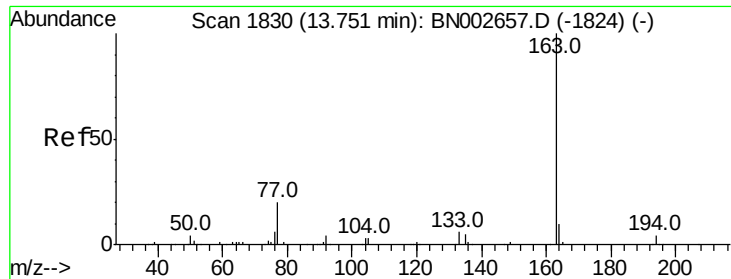
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 05:59:25 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 13.160 ng/ul

RT: 13.75 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampled :

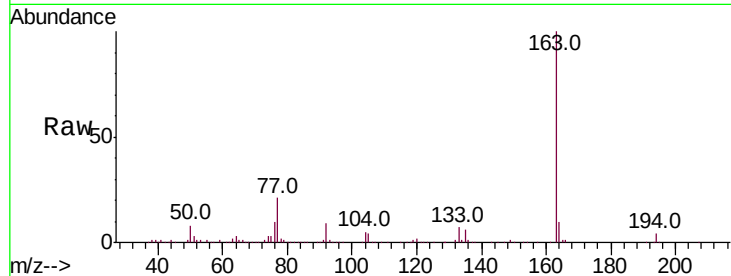
Tot Ion:163 Resp: 511066

Ion Ratio Lower Upper

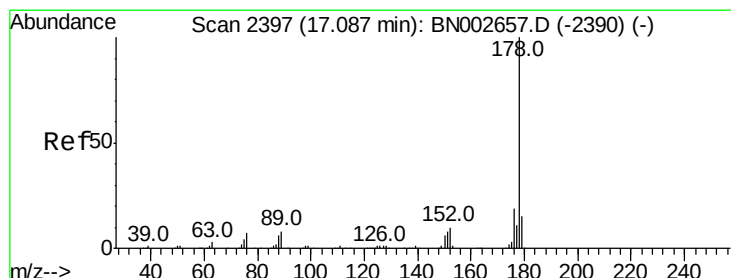
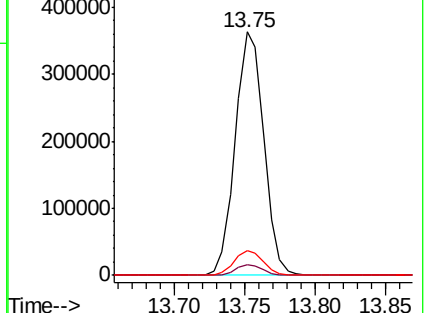
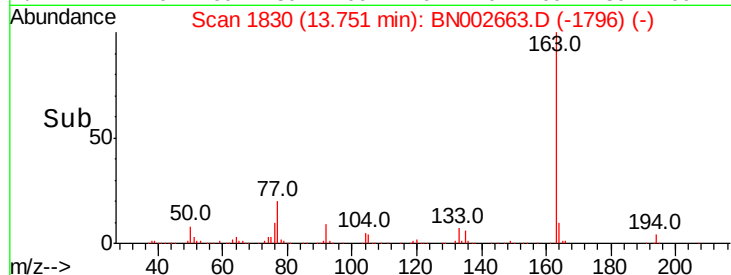
163 100

194 4.3 3.2 4.8

164 10.4 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.334 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

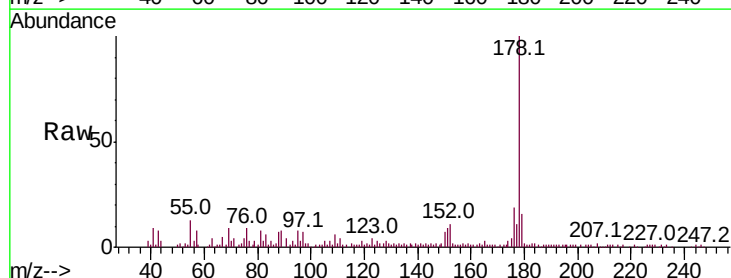
Tgt Ion:178 Resp: 118495

Ion Ratio Lower Upper

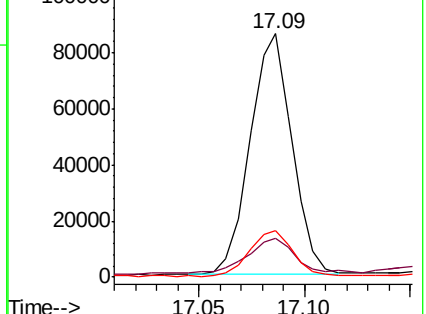
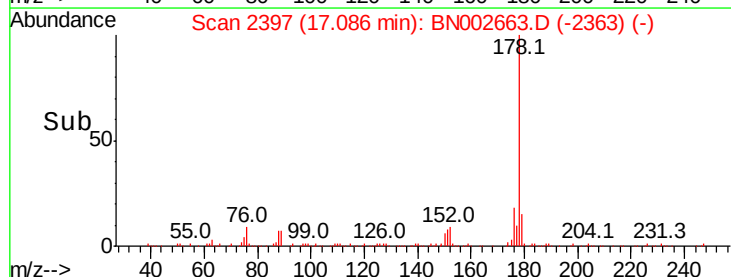
178 100

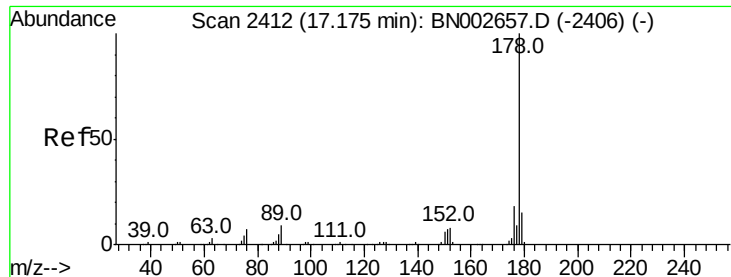
179 16.2 12.2 18.4

176 18.9 15.6 23.4



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





#71

Anthracene

Concen: 2.301 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.09 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

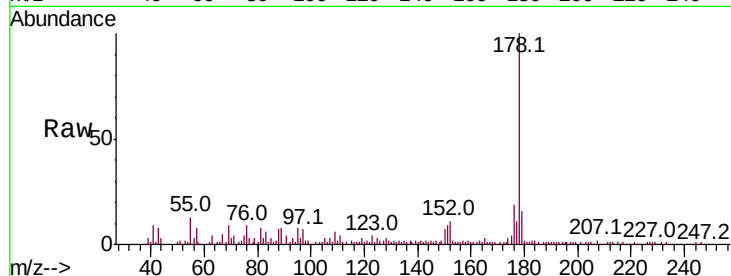
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 118495

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	18.9	14.8	22.2

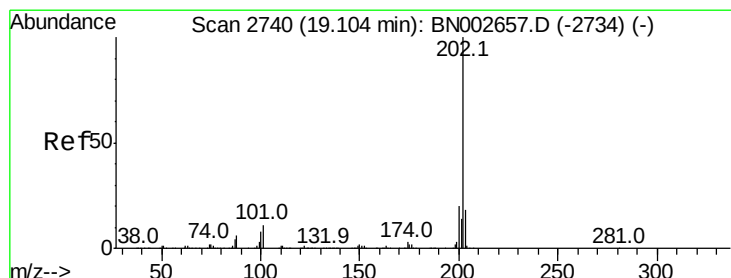
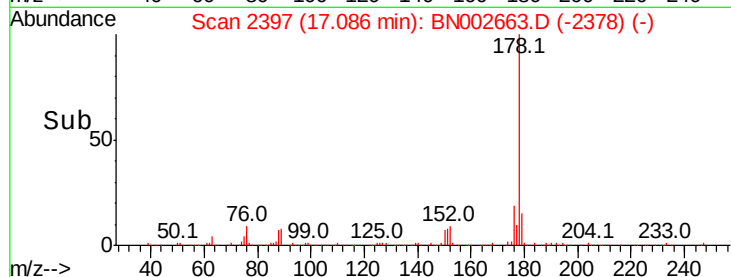
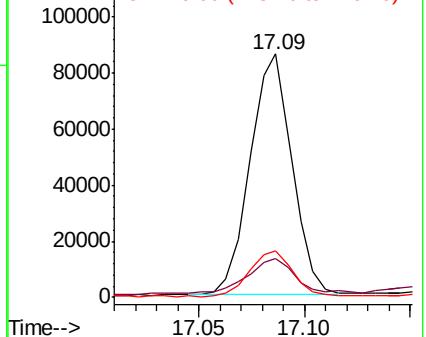


Abundance

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



#76

Fluoranthene

Concen: 3.453 ng/ul

RT: 19.11 min Scan# 2741

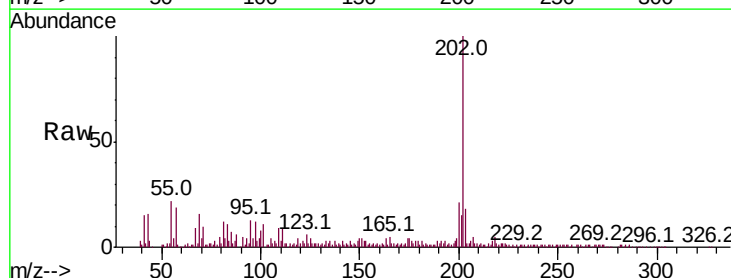
Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Tgt Ion:202 Resp: 199538

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.8	13.2
100	8.5	6.6	9.8

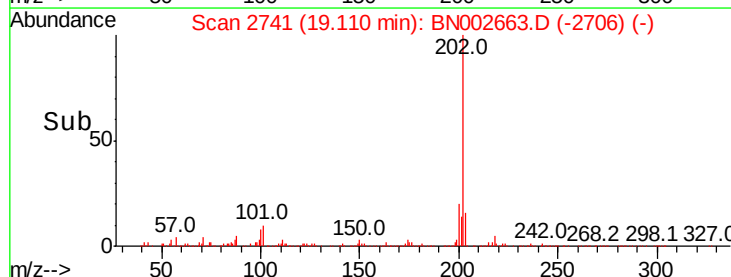
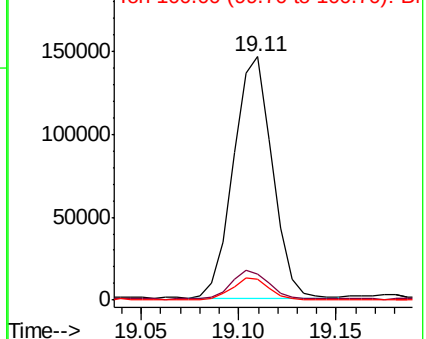


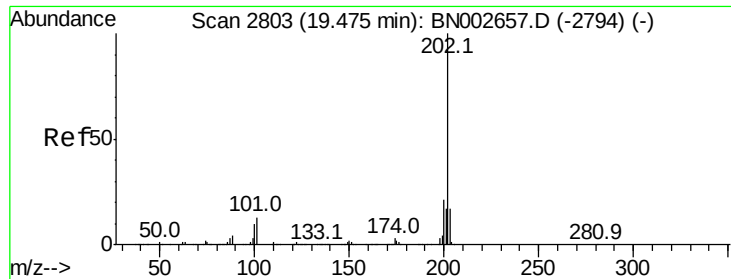
Abundance

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): E





#79

Pvrene

Concen: 5.174 ng/ul

RT: 19.47 min Scan# 2803

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampleId :

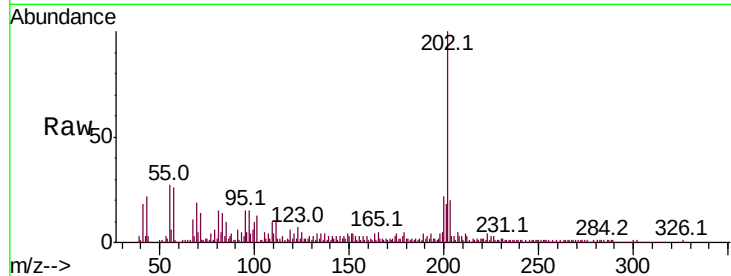
Tot Ion:202 Resp: 199569

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

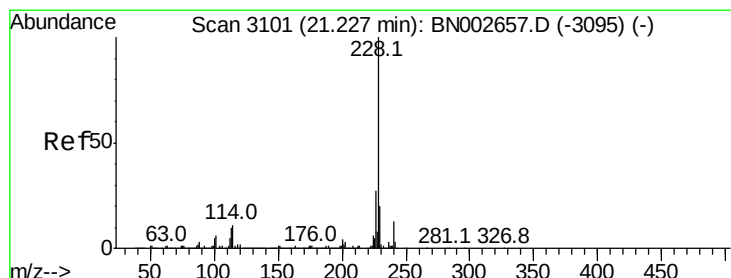
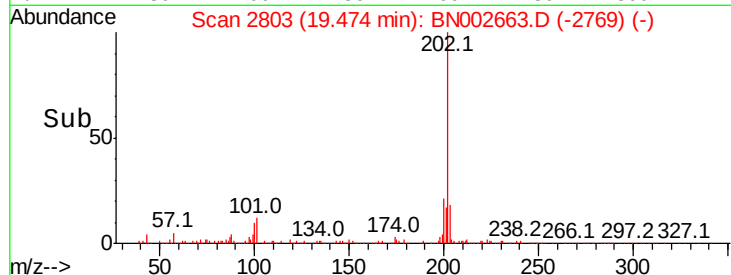
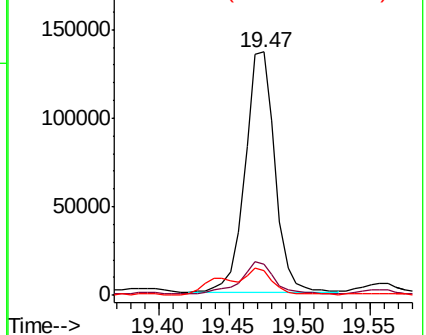
100 10.3 8.5 12.7



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



#82

Benzo(a)anthracene

Concen: 2.155 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

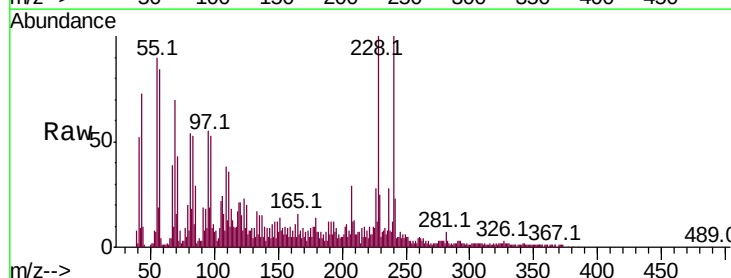
Tgt Ion:228 Resp: 84456

Ion Ratio Lower Upper

228 100

229 25.1 15.7 23.5#

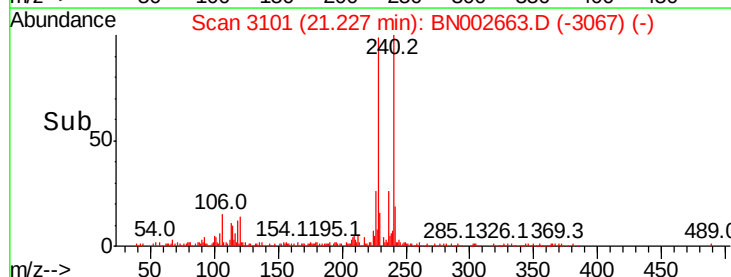
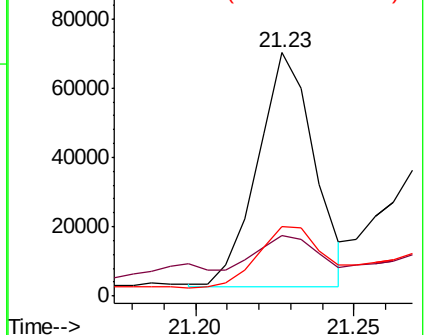
226 28.5 21.8 32.6

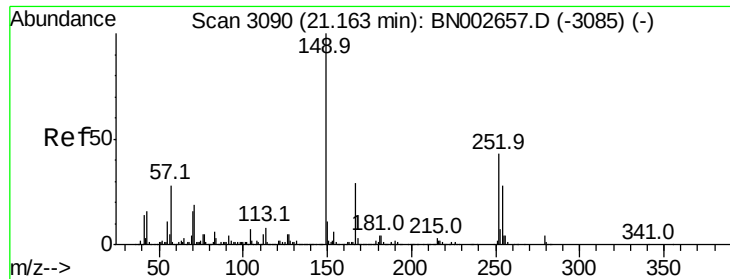


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.307 ng/ul

RT: 21.16 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampleId :

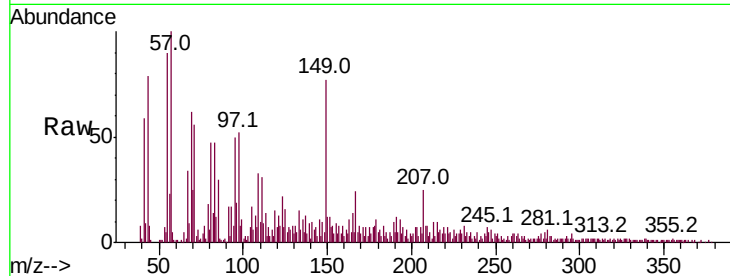
Tot Ion:149 Resp: 56563

Ion Ratio Lower Upper

149 100

167 31.3 21.6 32.4

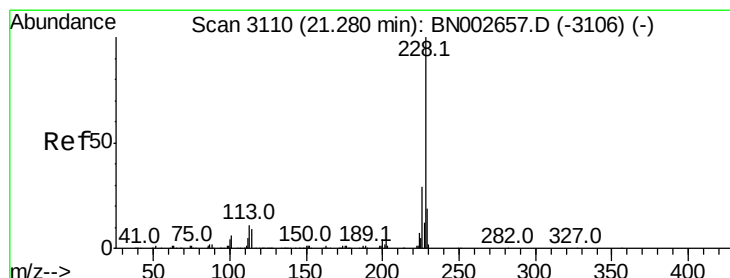
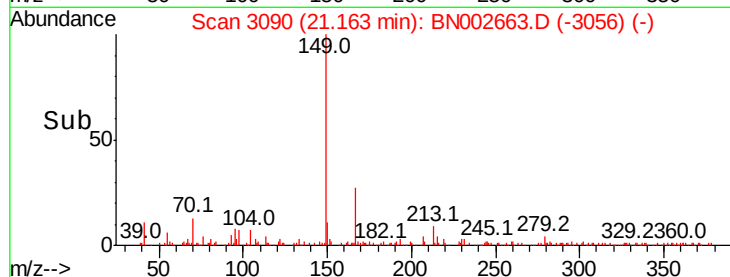
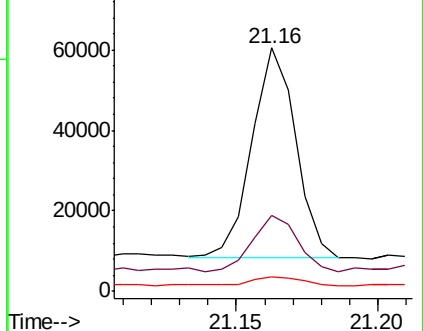
279 5.9 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Chrysene

Concen: 2.884 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

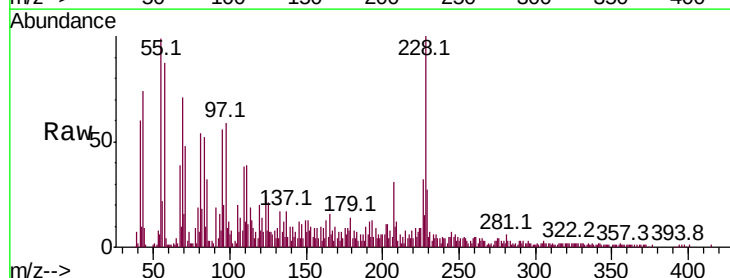
Tgt Ion:228 Resp: 106991

Ion Ratio Lower Upper

228 100

226 32.1 24.0 36.0

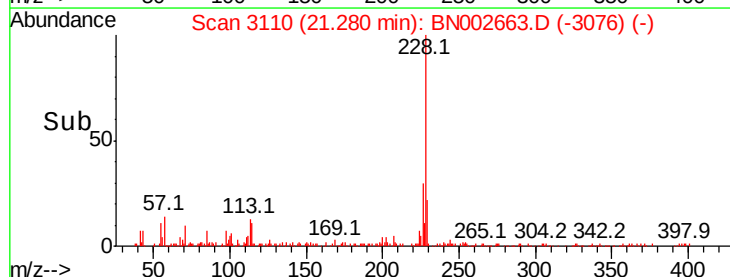
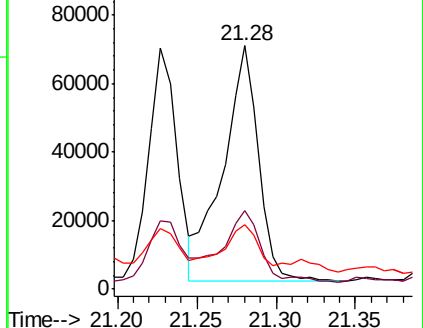
229 26.6 15.6 23.4#

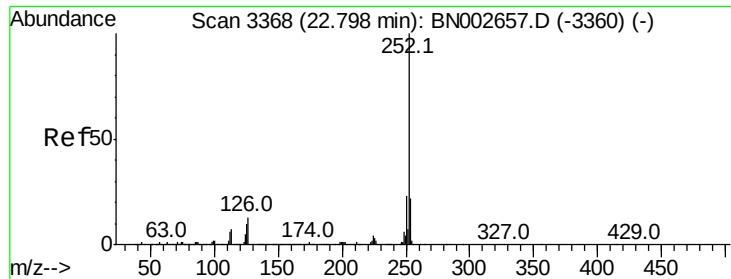


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.463 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampleId :

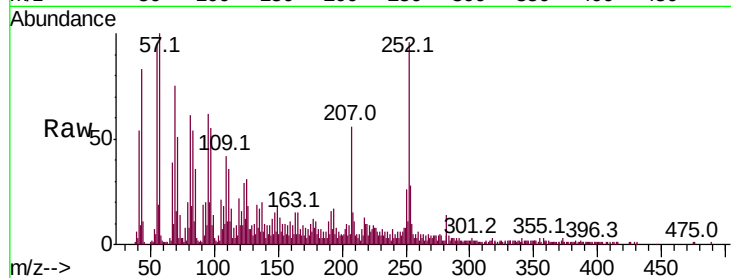
Tot Ion:252 Resp: 132983

Ion Ratio Lower Upper

252 100

253 28.8 17.5 26.3#

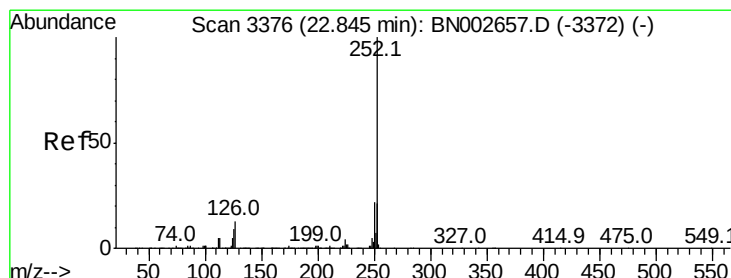
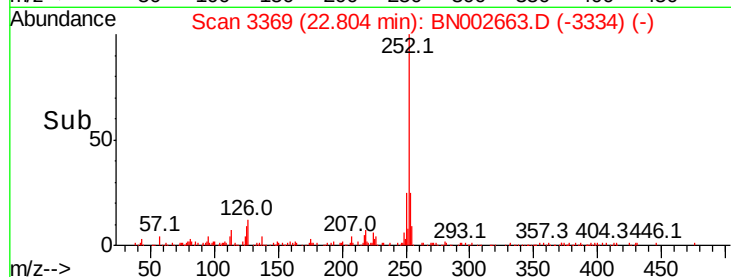
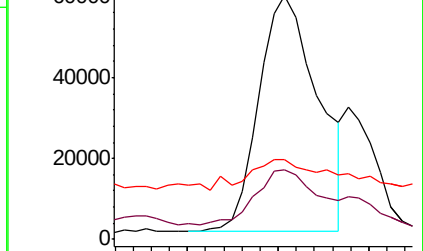
125 32.8 8.5 12.7#



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



#88

Benzo(k)fluoranthene

Concen: 3.676 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.04 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

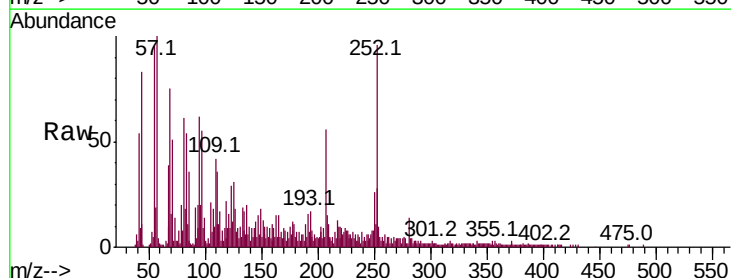
Tgt Ion:252 Resp: 132983

Ion Ratio Lower Upper

252 100

253 28.8 17.3 25.9#

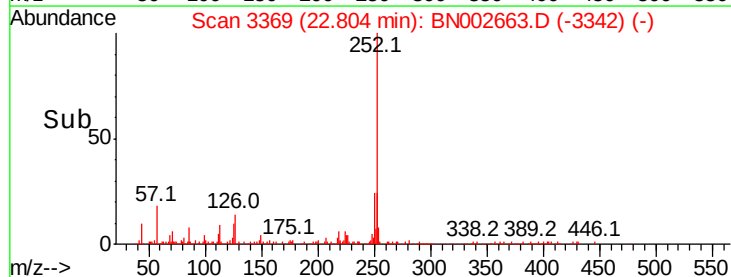
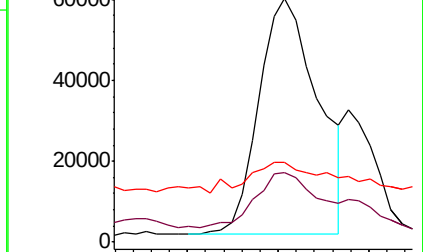
125 32.8 8.2 12.2#

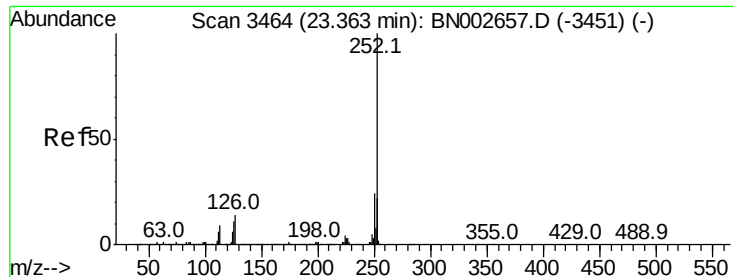


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.170 ng/ul

RT: 23.37 min Scan# 3465

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampled :

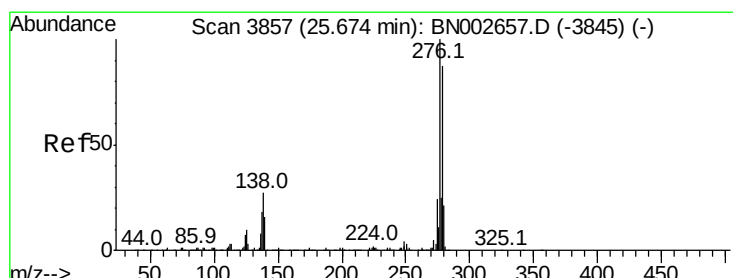
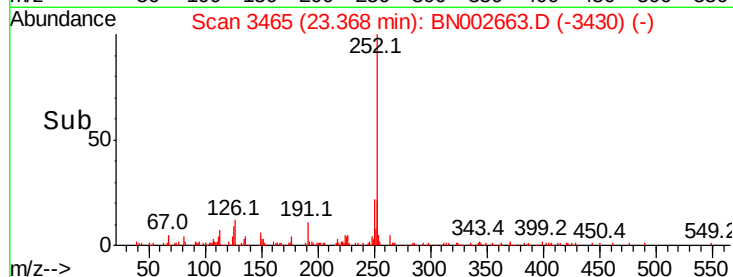
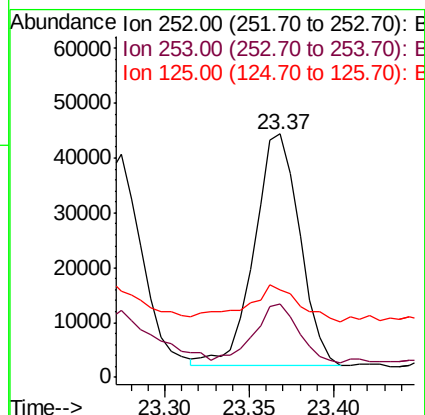
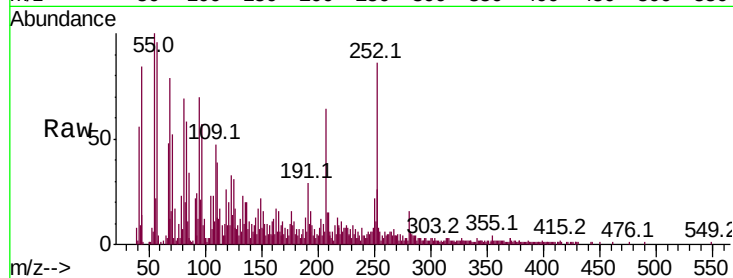
Tot Ion:252 Resp: 79369

Ion Ratio Lower Upper

252 100

253 30.0 17.2 25.8#

125 35.7 9.0 13.6#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.623 ng/ul

RT: 25.68 min Scan# 3858

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

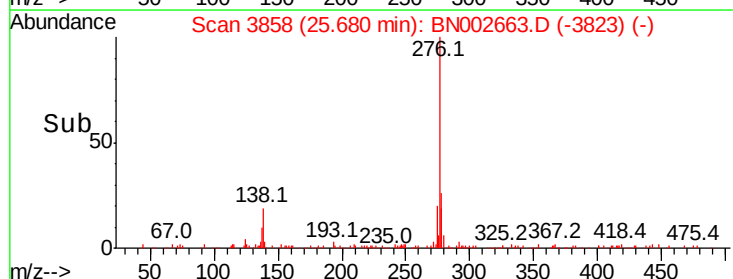
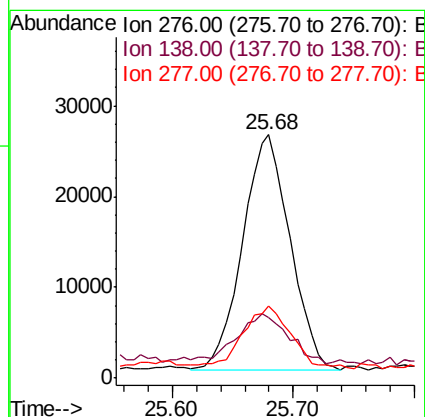
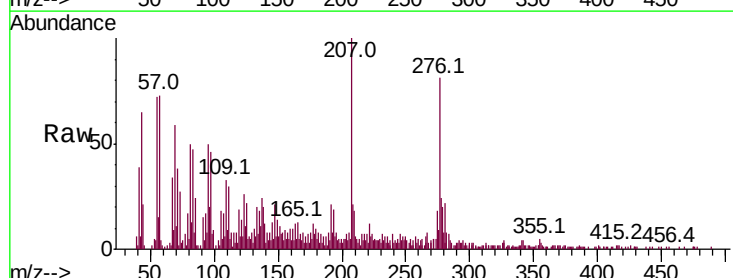
Tgt Ion:276 Resp: 70636

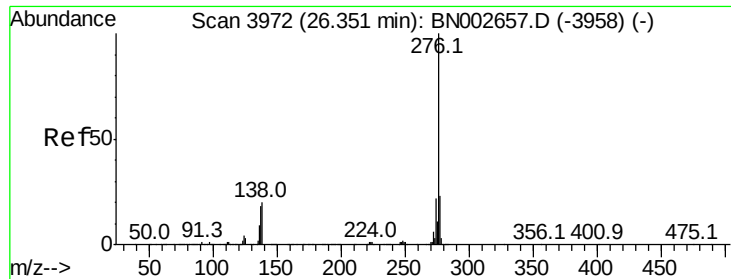
Ion Ratio Lower Upper

276 100

138 24.9 22.3 33.5

277 29.7 20.2 30.2





#93

Benzo(a,h,i)perylene

Concen: 1.828 ng/ul

RT: 26.36 min Scan# 3973

Delta R.T. 0.01 min

Lab File: BN002663.D

Acq: 12 Sep 2018 20:03

Instrument :

BNA_N

ClientSampleId :

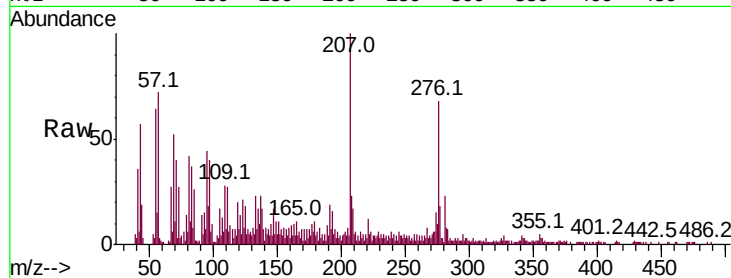
Tot Ion:276 Resp: 66369

Ion Ratio Lower Upper

276 100

138 25.1 18.9 28.3

277 26.4 19.2 28.8



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

