

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019674.D
 Acq On : 18 Nov 2015 00:12
 Operator : UM/NP
 Sample : G4427-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 18 03:04:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 03:01:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	22347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	102707	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	89647	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	259883	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	321210	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	307521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1435	2.74	ng/uL	0.00
5) Phenol-d5	7.29	99	37437	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	23738	15.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	21763	14.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	28107	14.83	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	12020	14.25	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	13695	14.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	29497	14.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	27949	14.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.17	166	113766	14.03	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	118488	13.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	14903	11.67	ng/ul	0.00
58) Fluorene-d10	15.77	176	98269	13.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	15684	9.34	ng/ul	0.00
71) Anthracene-d10	17.62	188	169890	13.46	ng/ul	0.00
79) Pyrene-d10	19.89	212	199579	13.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.87	264	215185	13.40	ng/ul	0.00

Target Compounds

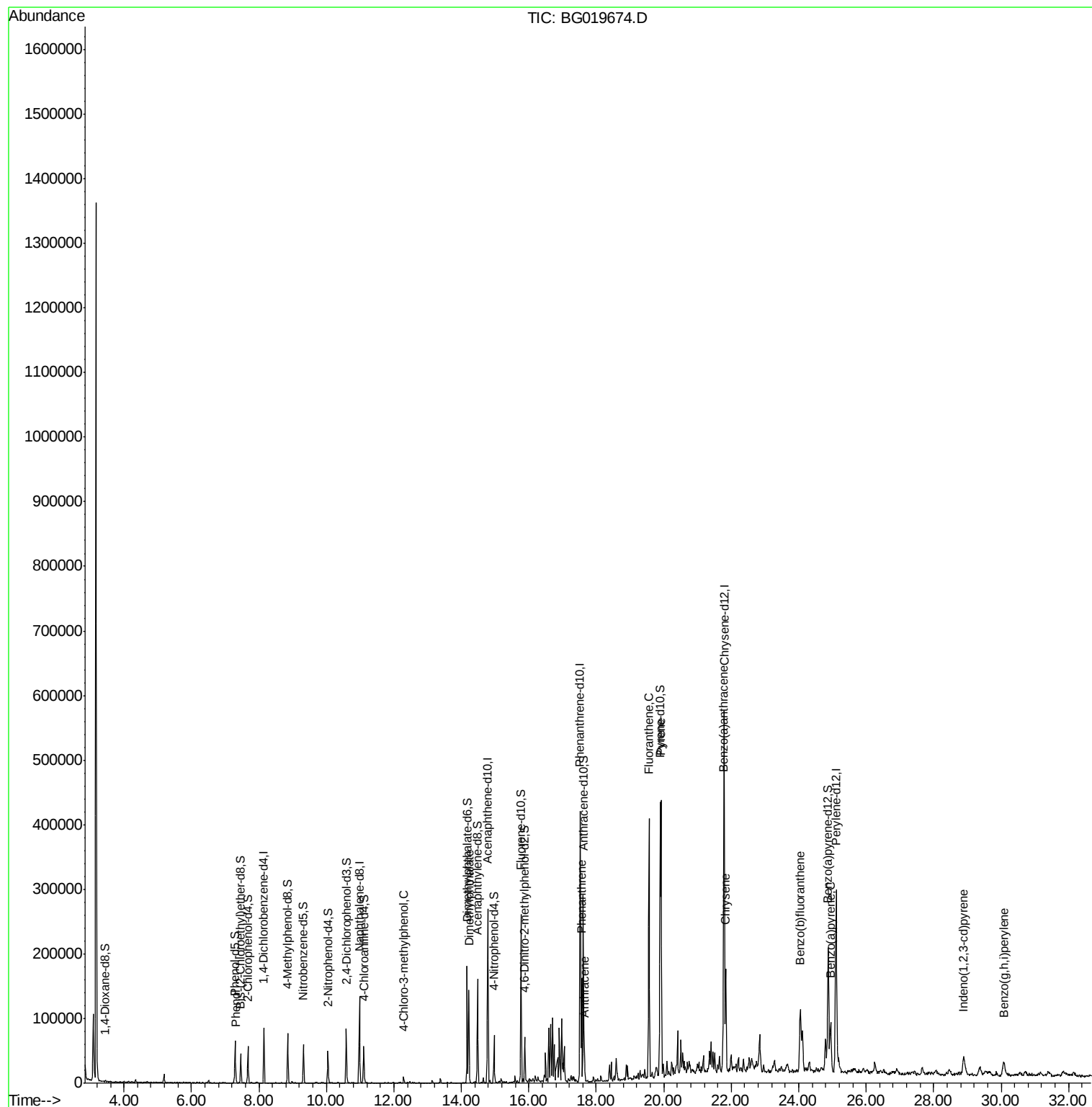
						Ovalue
6) Phenol	7.32	94	2727	1.10	ng/ul#	83
33) 4-Chloro-3-methylphenol	12.29	107	2963	1.09	ng/ul#	28
45) Dimethylphthalate	14.22	163	85774	10.67	ng/ul	99
70) Phenanthrene	17.56	178	94607	6.80	ng/ul	95
72) Anthracene	17.66	178	19714	1.41	ng/ul	98
77) Fluoranthene	19.56	202	256894	14.49	ng/ul	98
80) Pyrene	19.92	202	204156	10.88	ng/ul	99
83) Benzo(a)anthracene	21.77	228	113111	5.81	ng/ul	97
85) Chrysene	21.84	228	115970	6.33	ng/ul	97
88) Benzo(b)fluoranthene	24.05	252	126782	6.69	ng/ul#	93
91) Benzo(a)pyrene	24.94	252	88113	4.83	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.88	276	23103	1.13	ng/ul	96
94) Benzo(g,h,i)perylene	30.07	276	23148	1.37	ng/ul#	90

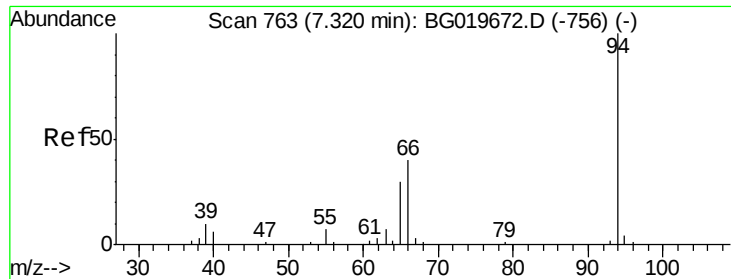
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration





#6

Phenol

Concen: 1.10 ng/ul

RT: 7.32 min Scan# 762

Delta R.T. -0.00 min

Lab File: BG019674.D

Acq: 18 Nov 2015 00:12

Instrument :

BNA_G

ClientSampleId :

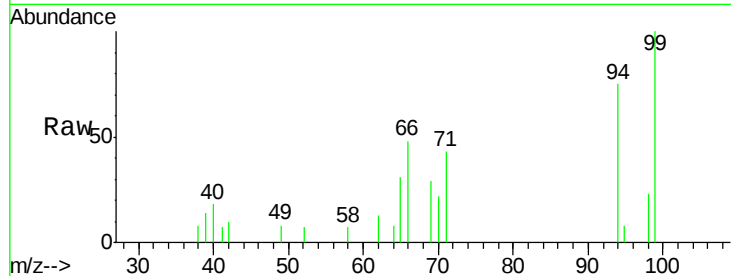
Tot Ion: 94 Resp: 2727

Ion Ratio Lower Upper

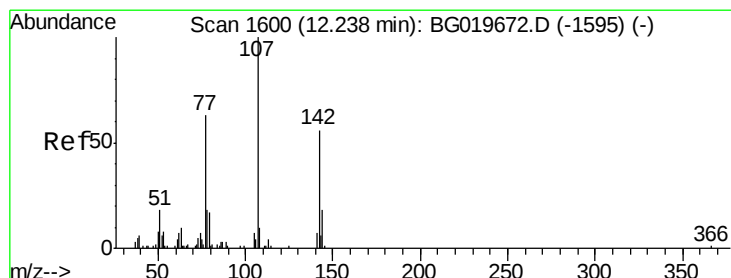
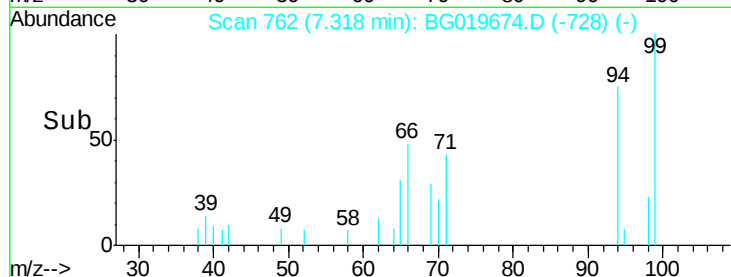
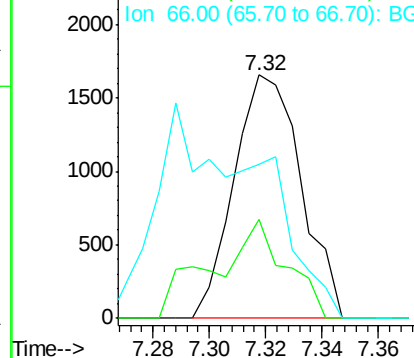
94 100

65 40.6 27.4 41.0

66 63.2 39.0 58.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 1.09 ng/ul

RT: 12.29 min Scan# 1609

Delta R.T. 0.06 min

Lab File: BG019674.D

Acq: 18 Nov 2015 00:12

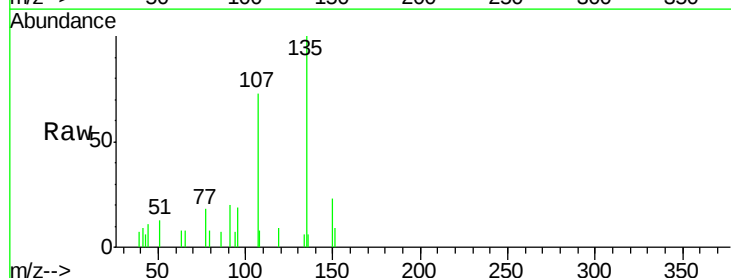
Tgt Ion:107 Resp: 2963

Ion Ratio Lower Upper

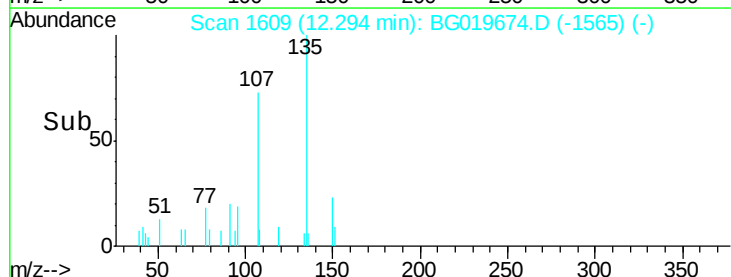
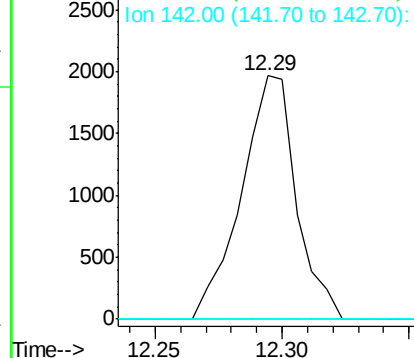
107 100

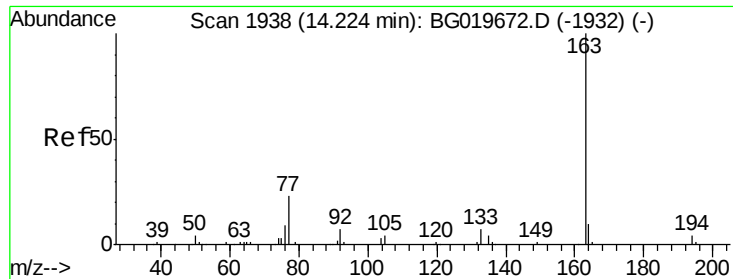
144 0.0 18.2 27.2#

142 0.0 50.1 75.1#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

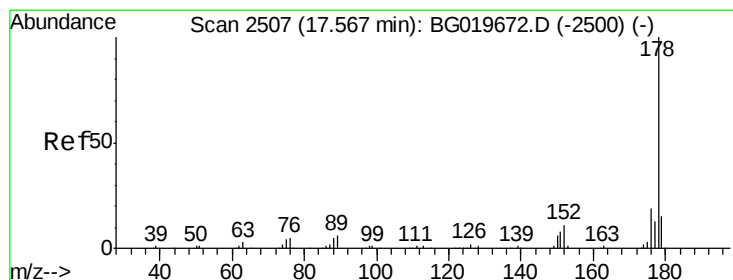
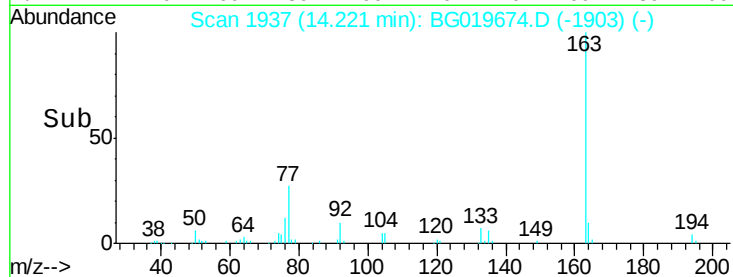
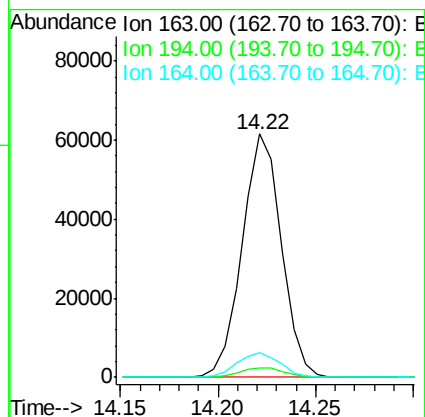
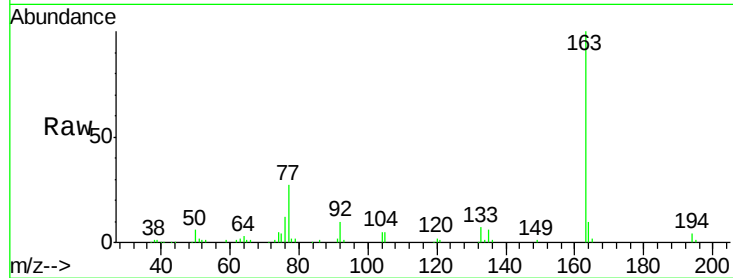




#45
Dimethylphthalate
Concen: 10.67 ng/ul
RT: 14.22 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

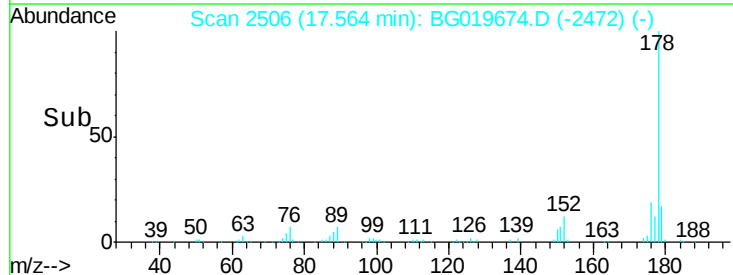
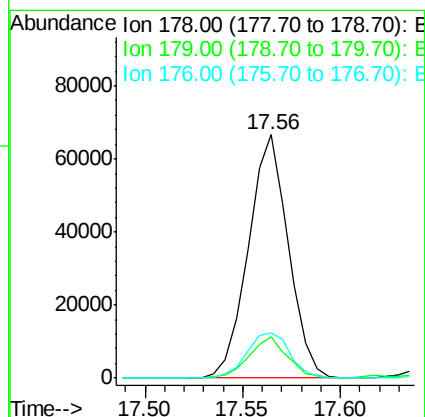
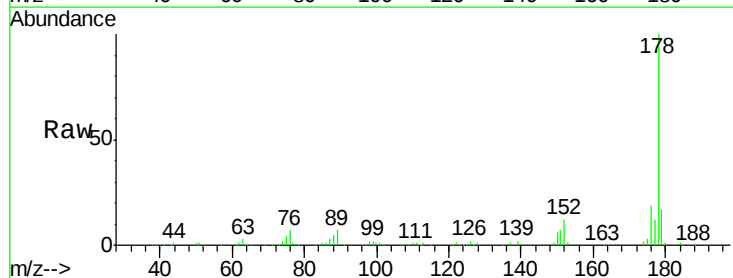
Instrument :
BNA_G
ClientSampleId :

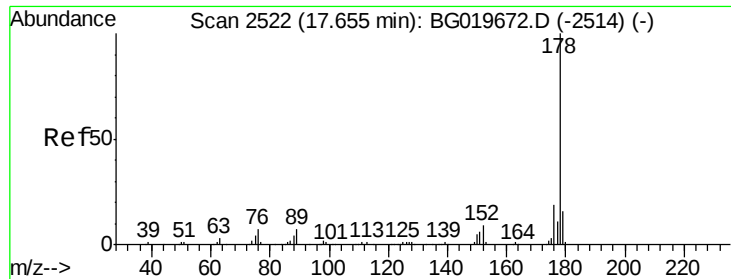
Tot Ion:163 Resp: 85774
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.2 8.3 12.5



#70
Phenanthrene
Concen: 6.80 ng/ul
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

Tgt Ion:178 Resp: 94607
Ion Ratio Lower Upper
178 100
179 17.1 12.2 18.2
176 18.5 16.6 24.8





#72

Anthracene

Concen: 1.41 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BG019674.D

Acq: 18 Nov 2015 00:12

Instrument :

BNA_G

ClientSampleId :

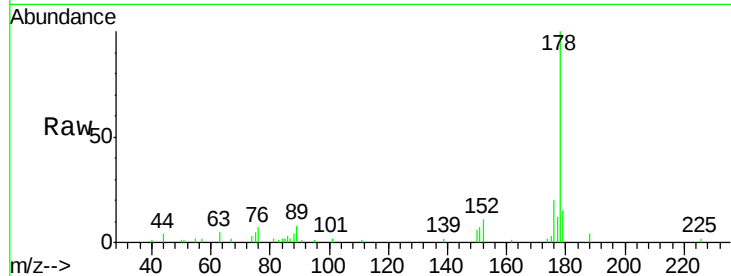
Tot Ion:178 Resp: 19714

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

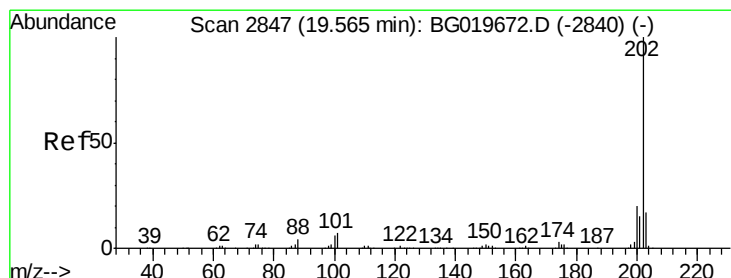
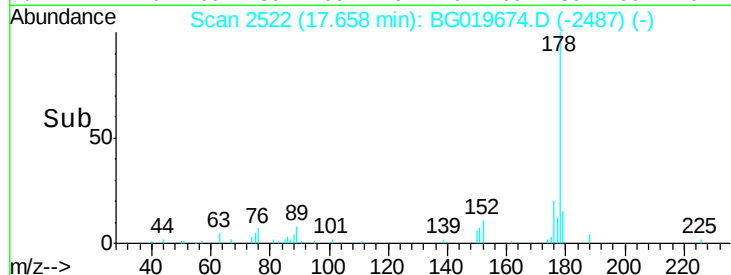
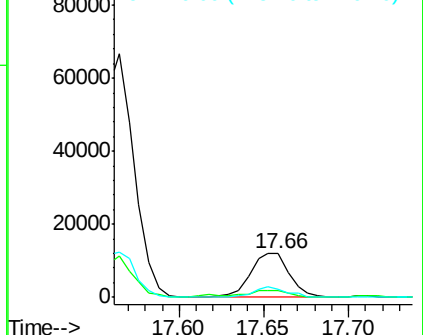
176 19.6 15.0 22.4



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



#77

Fluoranthene

Concen: 14.49 ng/ul

RT: 19.56 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG019674.D

Acq: 18 Nov 2015 00:12

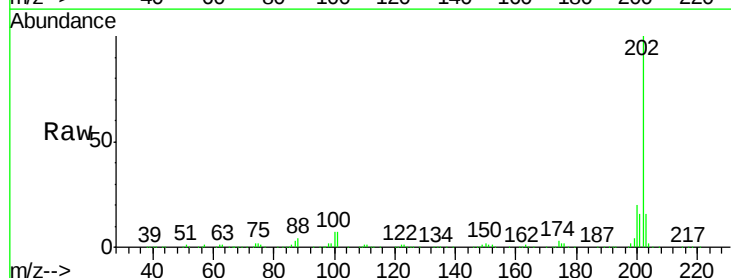
Tgt Ion:202 Resp: 256894

Ion Ratio Lower Upper

202 100

101 7.2 5.2 7.8

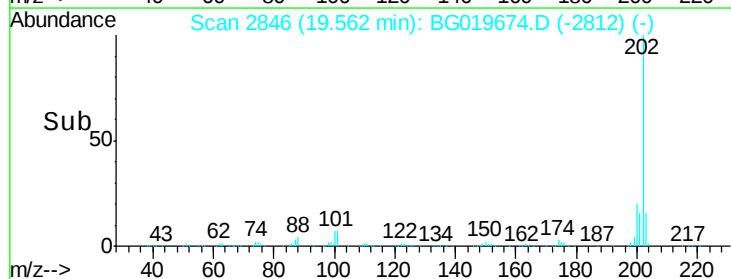
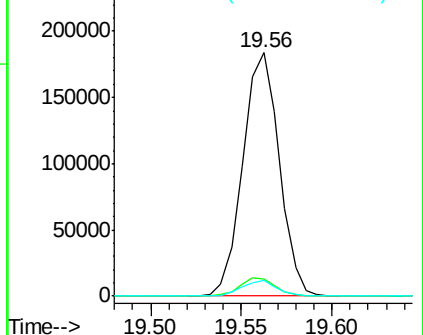
100 6.6 5.0 7.4

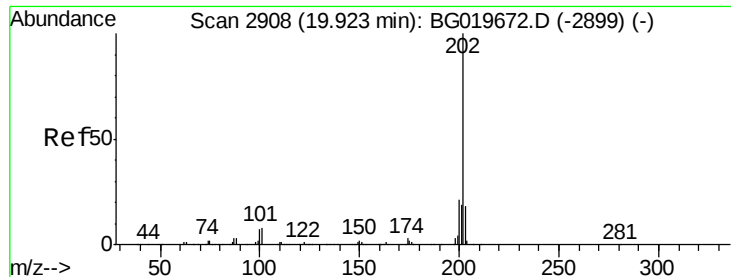


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

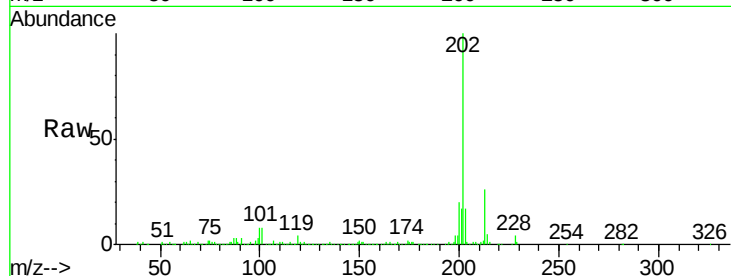




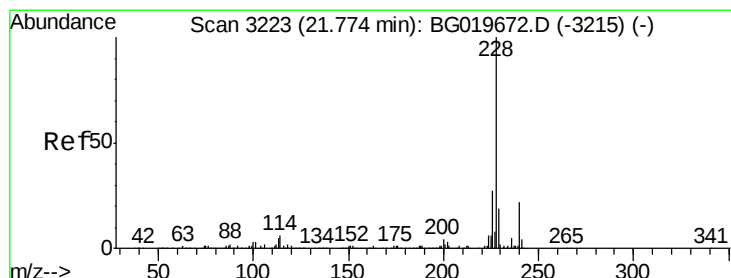
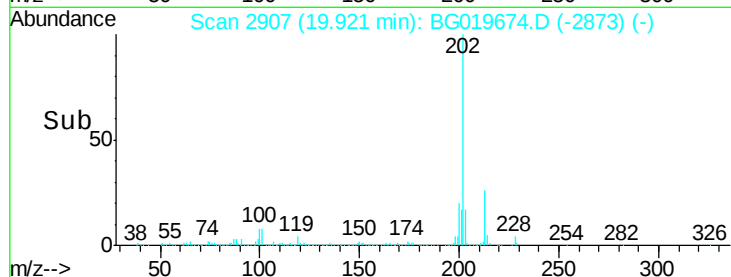
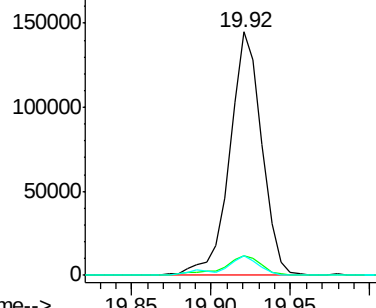
#80
Pvrene
Concen: 10.88 ng/ul
RT: 19.92 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.6
100	8.1	6.6	10.0

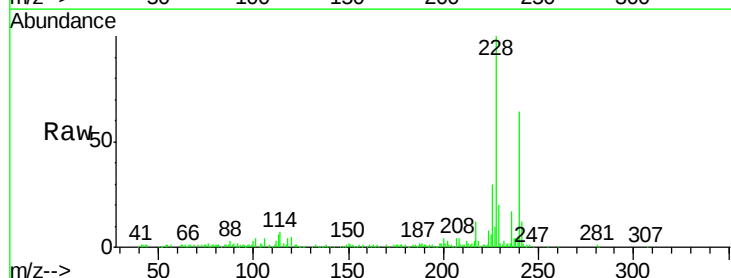


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

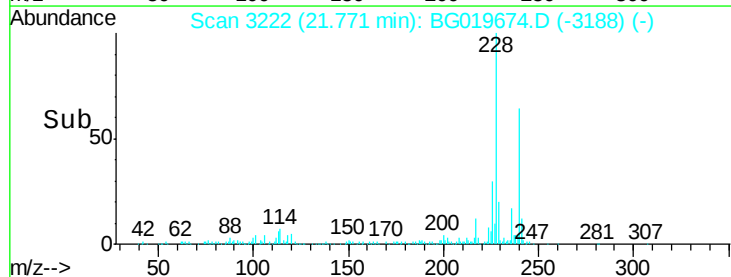
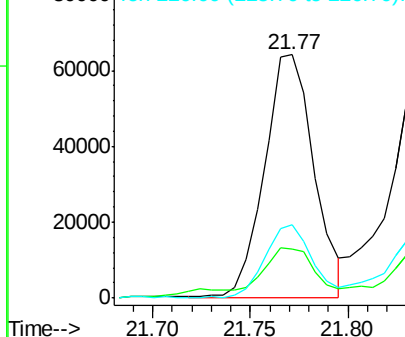


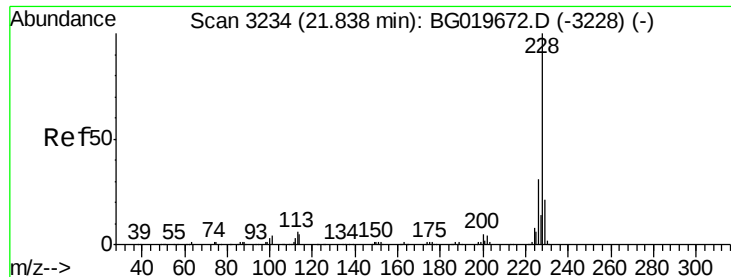
#83
Benzo(a)anthracene
Concen: 5.81 ng/ul
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	30.1	22.6	33.8



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

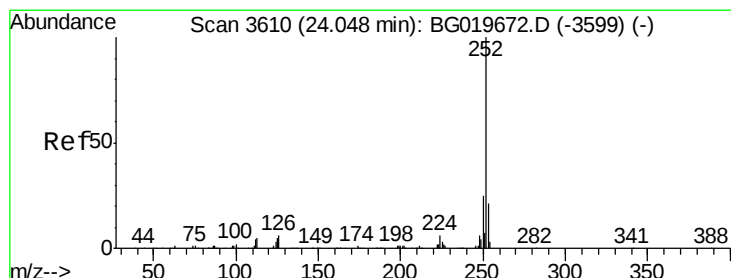
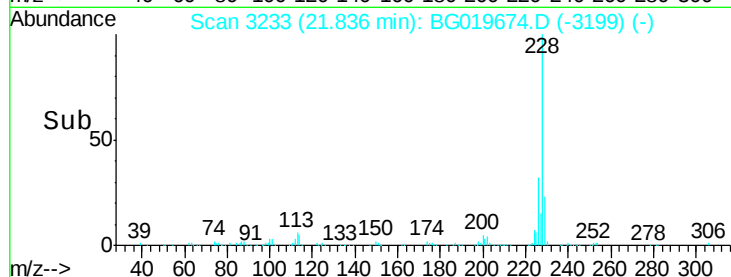
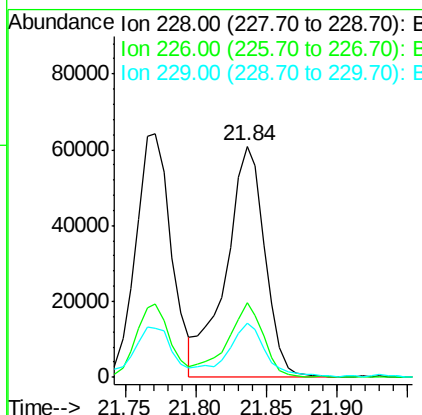
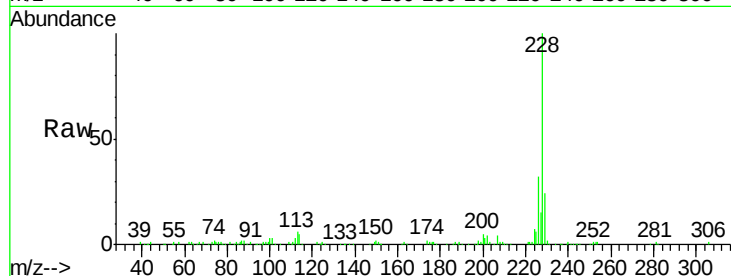




#85
 Chrysene
 Concen: 6.33 ng/ul
 RT: 21.84 min Scan# 3233
 Delta R.T. -0.00 min
 Lab File: BG019674.D
 Acq: 18 Nov 2015 00:12

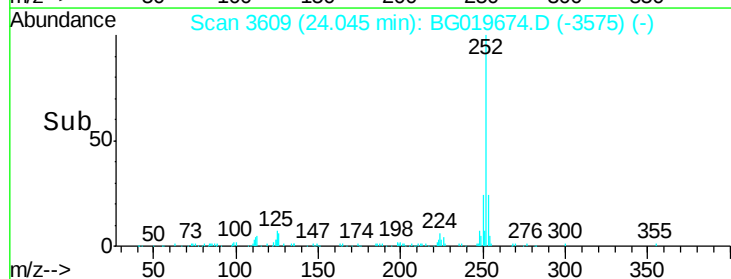
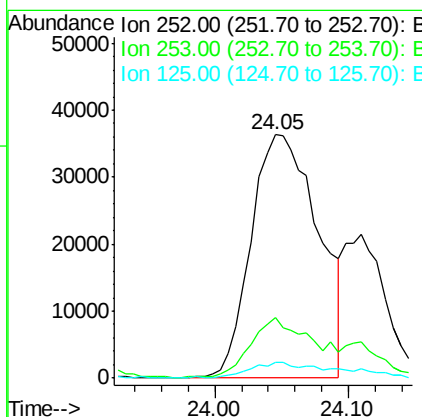
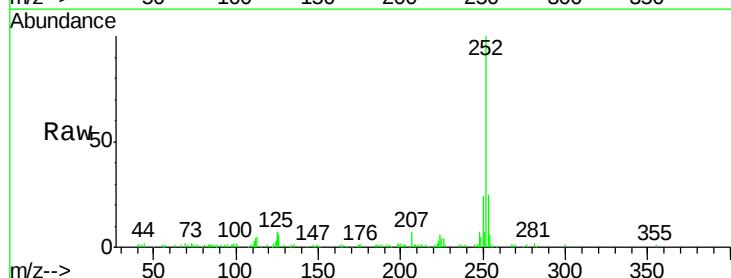
Instrument :
 BNA_G
 ClientSampleId :

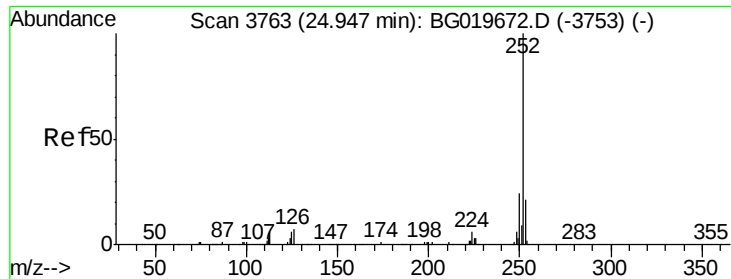
Tot	Ion:228	Resp:	115970
Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	23.6	17.0	25.6



#88
 Benzo(b)fluoranthene
 Concen: 6.69 ng/ul
 RT: 24.05 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: BG019674.D
 Acq: 18 Nov 2015 00:12

Tgt	Ion:252	Resp:	126782
Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	6.7	4.2	6.4#

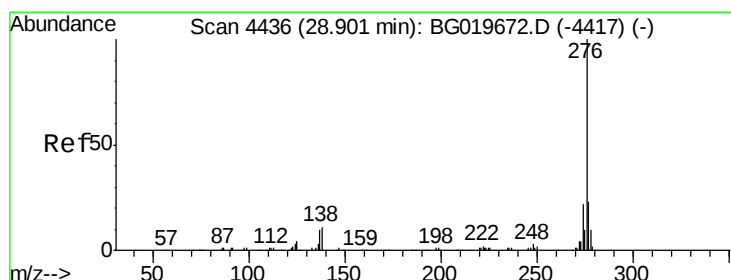
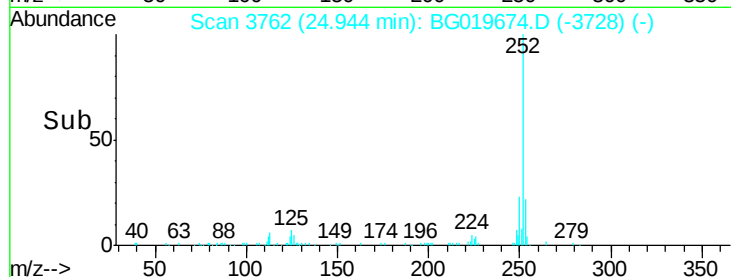
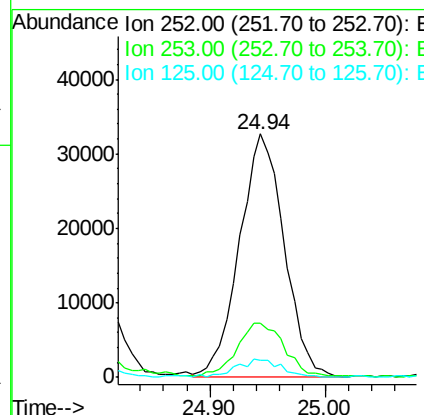
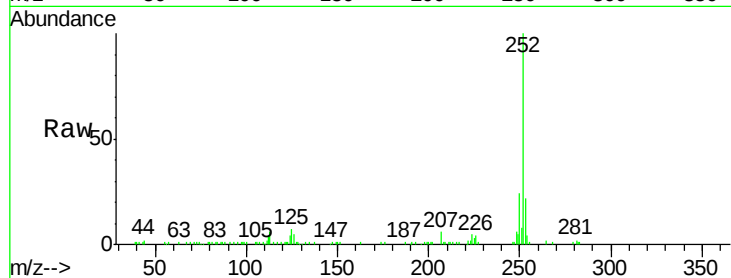




#91
Benzo(a)pyrene
Concen: 4.83 ng/ul
RT: 24.94 min Scan# 3762
Delta R.T. -0.00 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

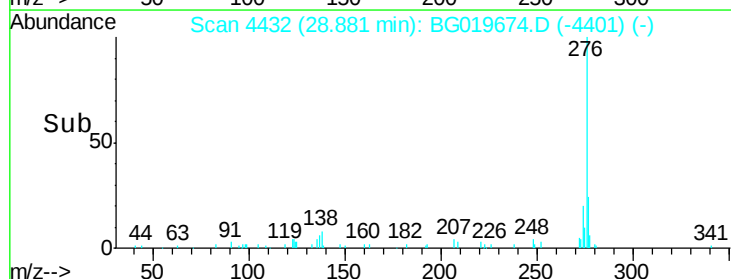
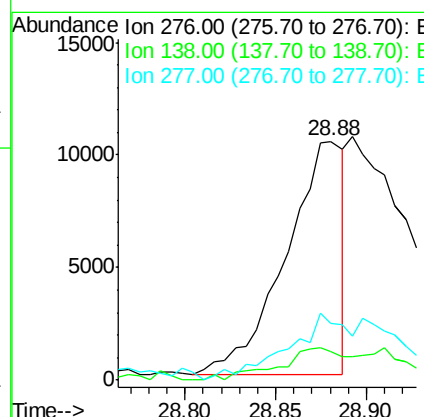
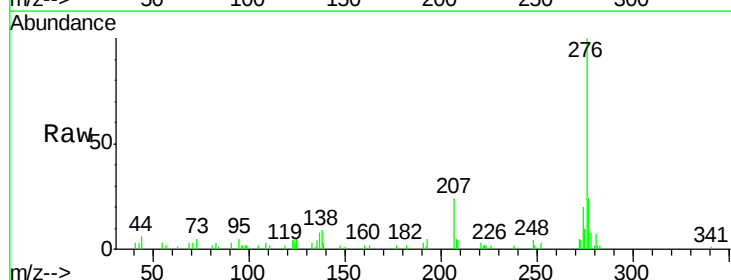
Instrument :
BNA_G
ClientSampleId :

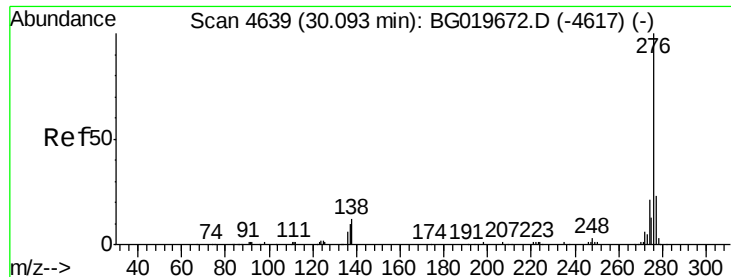
Tot Ion:252 Resp: 88113
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 7.2 5.4 8.0



#92
Indeno(1,2,3-cd)pyrene
Concen: 1.13 ng/ul
RT: 28.88 min Scan# 4432
Delta R.T. -0.02 min
Lab File: BG019674.D
Acq: 18 Nov 2015 00:12

Tgt Ion:276 Resp: 23103
Ion Ratio Lower Upper
276 100
138 12.1 9.9 14.9
277 23.7 21.3 31.9





#94

Benzo(a,h,i)perylene

Concen: 1.37 ng/ul

RT: 30.07 min Scan# 4635

Delta R.T. -0.02 min

Lab File: BG019674.D

Acq: 18 Nov 2015 00:12

Instrument :

BNA_G

ClientSampleId :

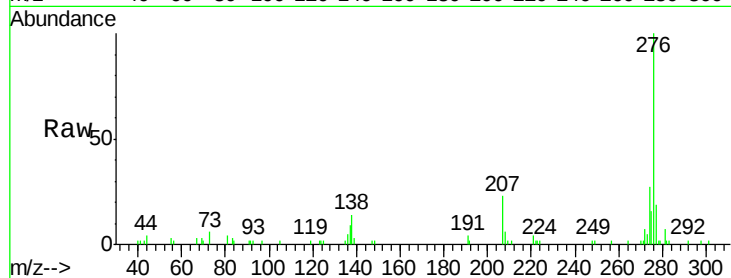
Tot Ion:276 Resp: 23148

Ion Ratio Lower Upper

276 100

138 16.6 9.2 13.8#

277 18.9 18.6 28.0



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

