

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080515\
 Data File : BG018285.D
 Acq On : 5 Aug 2015 23:47
 Operator : UM/TP
 Sample : G3095-17RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01H8RE

Quant Time: Aug 06 04:59:36 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 03:42:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	56186	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	271932	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	202215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	459154	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	226969	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	238187	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	2.91	96	288	0.44	ng/uL	0.00
5) Phenol-d5	6.64	99	29873	6.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	17501	8.20	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	26973	7.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	21408	5.74	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	14980	7.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	18515	7.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	33022	7.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	29442	5.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	112480	7.19	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	121457	6.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	11985	4.64	ng/ul	0.00
58) Fluorene-d10	15.11	176	89888	6.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	16801	5.29	ng/ul	0.00
71) Anthracene-d10	16.97	188	120136	5.95	ng/ul	0.00
79) Pyrene-d10	19.29	212	90431	7.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	59247	4.78	ng/ul	0.00

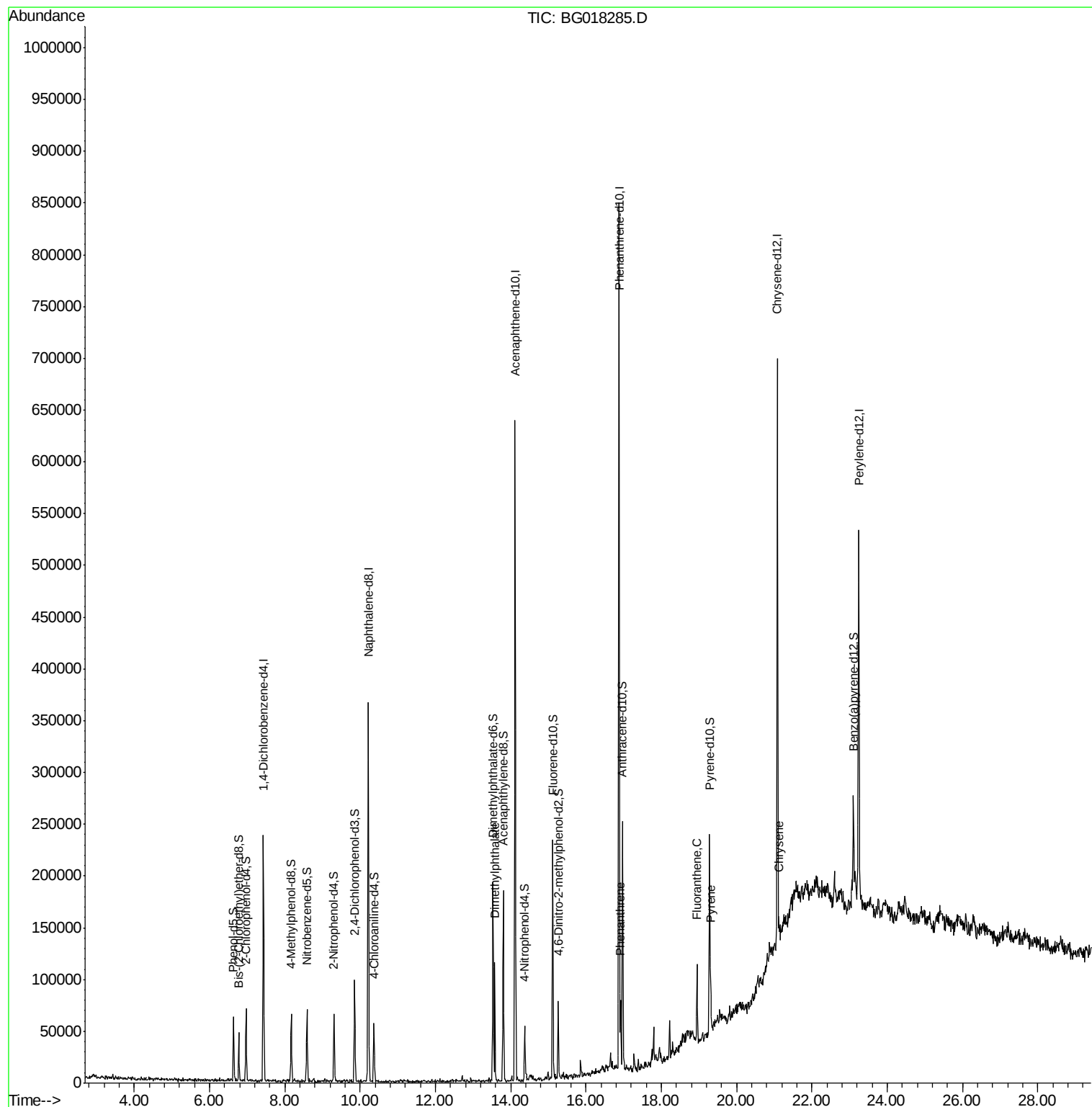
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.58	163	64686	4.15	ng/ul	99
70) Phenanthrene	16.92	178	34953	1.51	ng/ul	98
77) Fluoranthene	18.95	202	41590	1.62	ng/ul#	96
80) Pyrene	19.31	202	34751	2.20	ng/ul#	96
85) Chrysene	21.12	228	11454m	1.06	ng/ul	

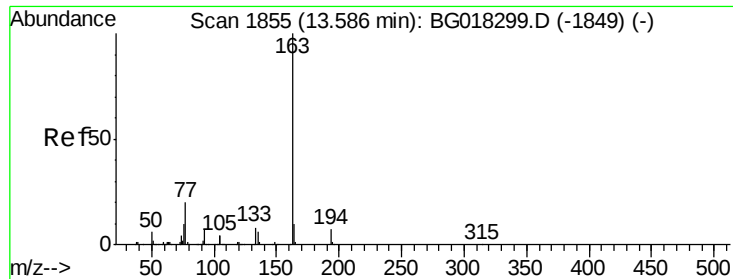
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.15 ng/ul

RT: 13.58 min Scan# 1853

Delta R.T. -0.01 min

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ClientSampleId :

C01H8RE

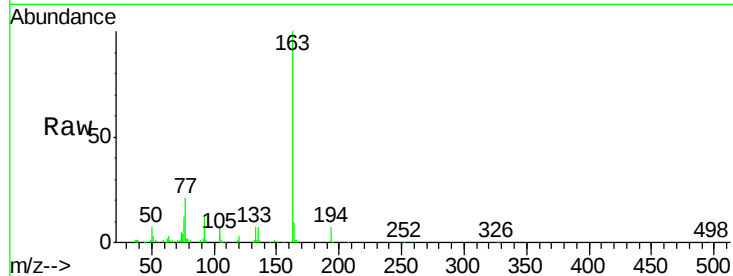
Tot Ion:163 Resp: 64686

Ion Ratio Lower Upper

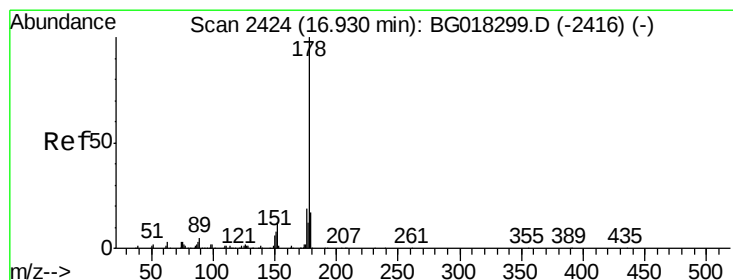
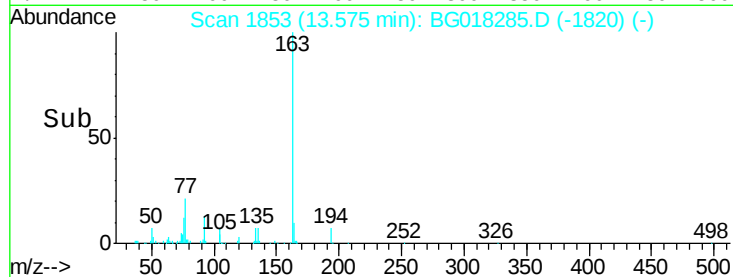
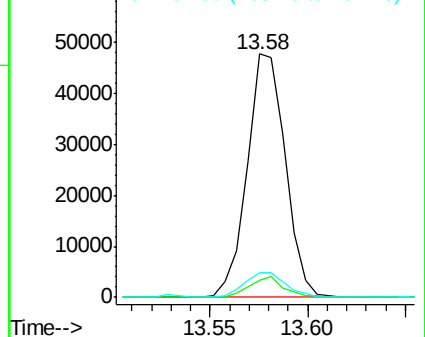
163 100

194 6.9 5.4 8.2

164 10.2 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



#70

Phenanthrene

Concen: 1.51 ng/ul

RT: 16.92 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BG018285.D

Acq: 5 Aug 2015 23:47

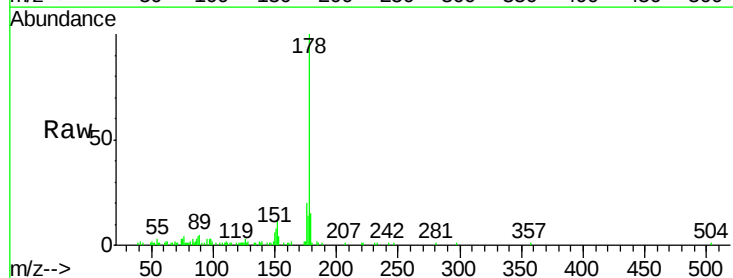
Tgt Ion:178 Resp: 34953

Ion Ratio Lower Upper

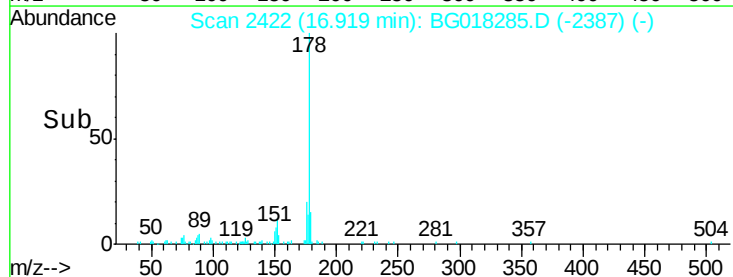
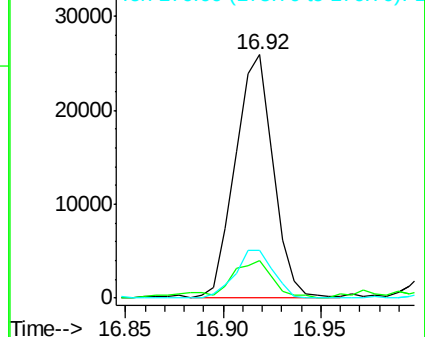
178 100

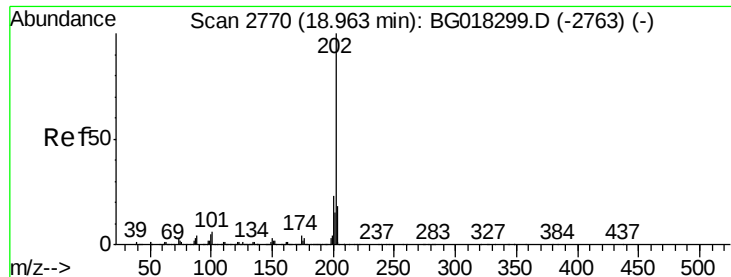
179 15.4 12.2 18.4

176 19.6 14.5 21.7



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

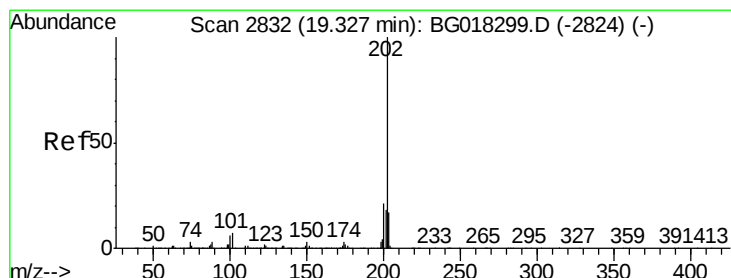
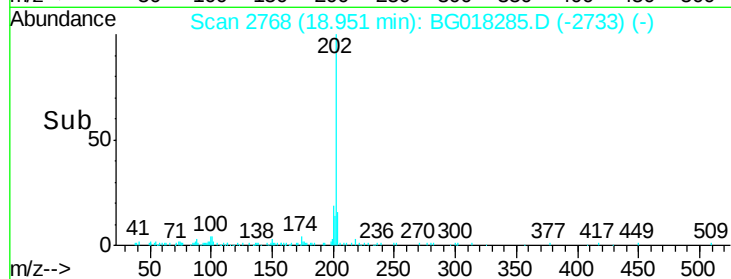
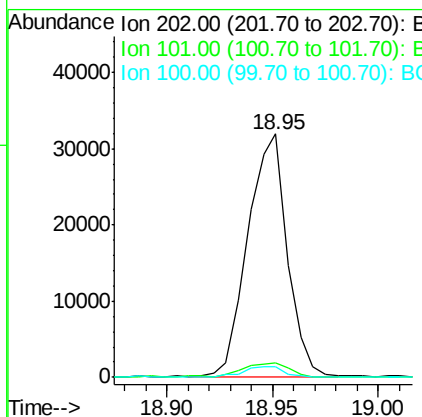
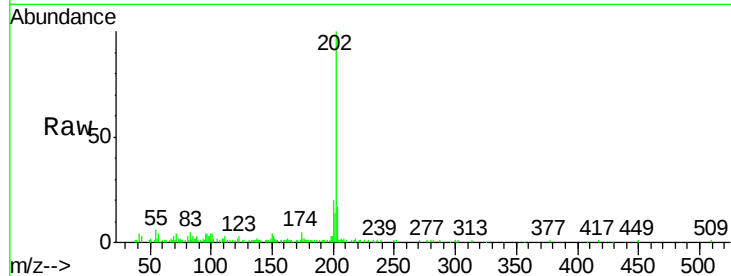




#77
 Fluoranthene
 Concen: 1.62 ng/ul
 RT: 18.95 min Scan# 2768
 Delta R.T. 0.01 min
 Lab File: BG018285.D
 Acq: 5 Aug 2015 23:47

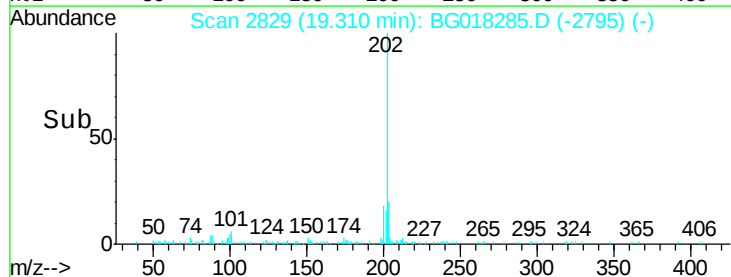
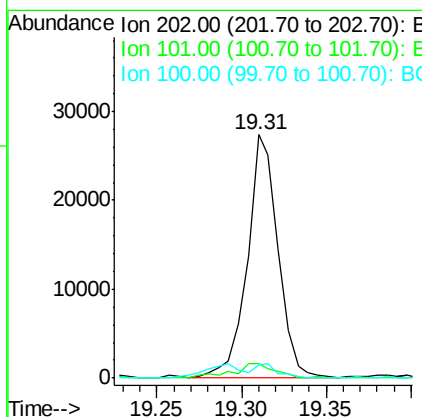
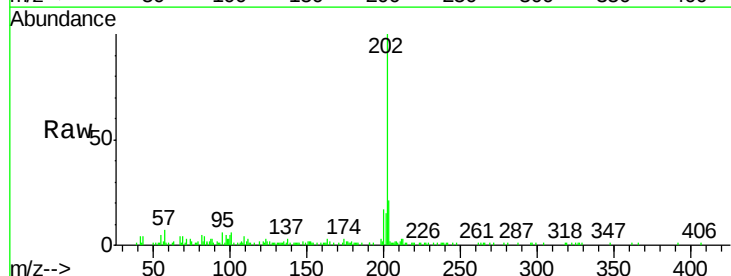
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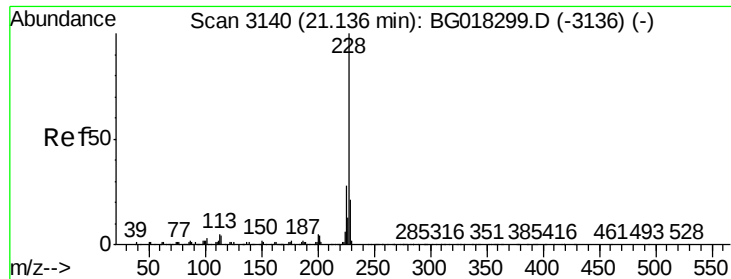
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.2	6.2	9.2
100	4.3	4.6	6.8#



#80
 Pyrene
 Concen: 2.20 ng/ul
 RT: 19.31 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG018285.D
 Acq: 5 Aug 2015 23:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	5.8	6.2	9.2#
100	5.2	4.6	7.0





#85

Chrysene

Concen: 1.06 ng/ul m

RT: 21.12 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG018285.D

Acq: 5 Aug 2015 23:47

Instrument :

BNA_G

ClientSampleId :

C01H8RE

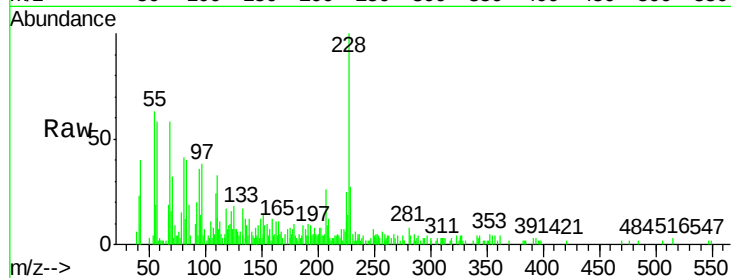
Tot Ion:228 Resp: 11454

Ion Ratio Lower Upper

228 100

226 25.1 23.0 34.6

229 27.2 15.9 23.9#



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

