

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN031319\
 Data File : BN004743.D
 Acq On : 13 Mar 2019 22:27
 Operator : JU/SJ
 Sample : K1859-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 14 00:42:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 13 03:05:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	31289	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	138733	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	83221	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	198864	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	232126	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	224764	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	2028	3.66	ng/uL	0.00
5) Phenol-d5	6.89	99	14527	5.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	35394	26.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	50796	22.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	29902	13.30	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	30403	28.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	35118	29.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	58242	25.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	2973	1.08	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	211608	29.41	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	259168	29.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	3381	2.53	ng/ul	0.02
58) Fluorene-d10	15.36	176	179505	29.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	32649	23.78	ng/ul	0.00
71) Anthracene-d10	17.21	188	290881	30.03	ng/ul	0.00
79) Pyrene-d10	19.51	212	347715	30.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	335523	27.80	ng/ul	0.00

Target Compounds

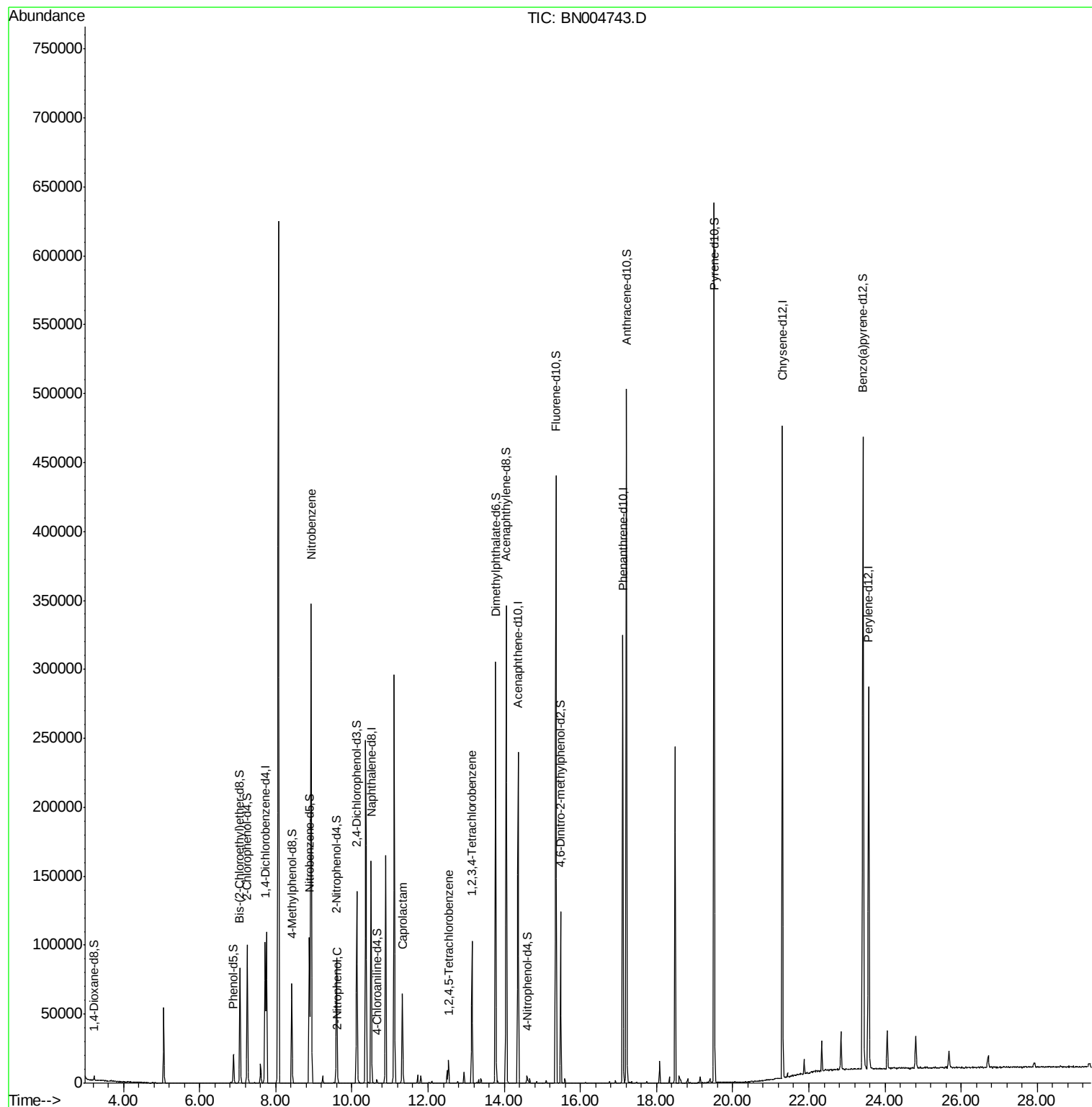
					Ovalue	
20) Nitrobenzene	8.93	77	191550	88.213	ng/ul	99
23) 2-Nitrophenol	9.63	139	2153	1.658	ng/ul	95
32) Caprolactam	11.33	113	5295	6.938	ng/ul#	1
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	7532	2.574	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	34710	11.759	ng/uL	99

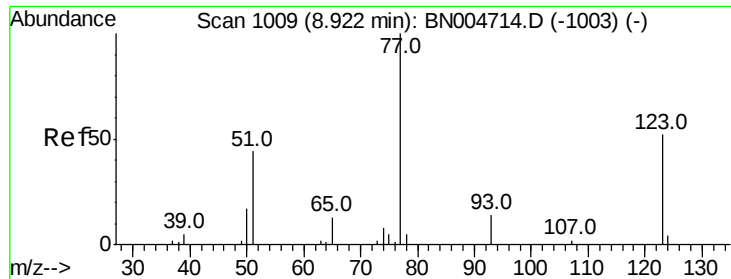
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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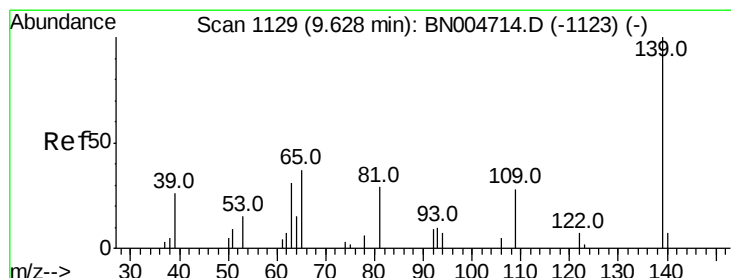
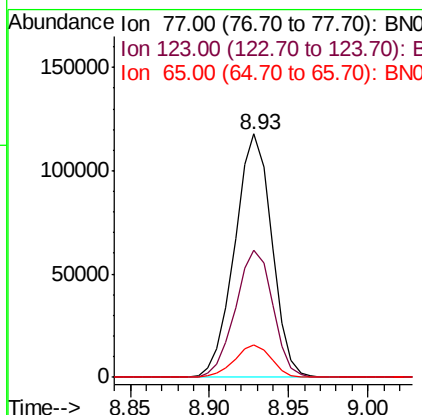
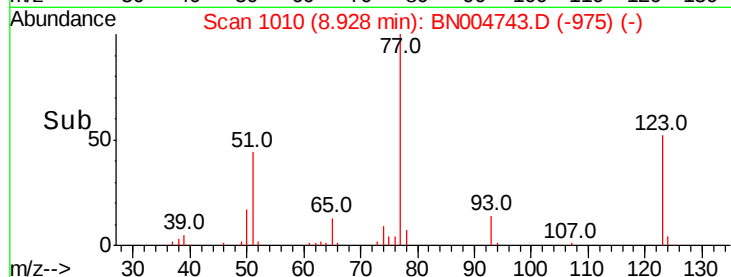
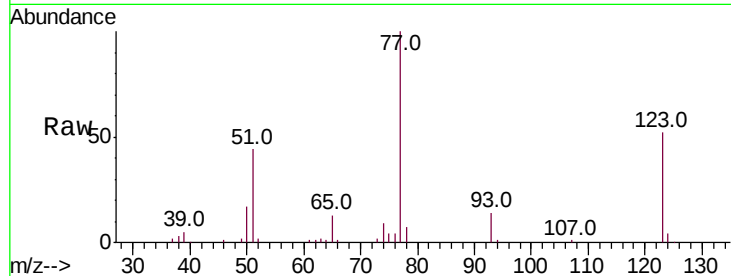




#20
Nitrobenzene
Concen: 88.213 ng/ul
RT: 8.93 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BN004743.D
Acq: 13 Mar 2019 22:27

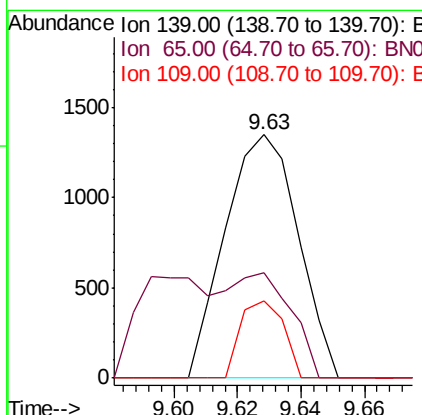
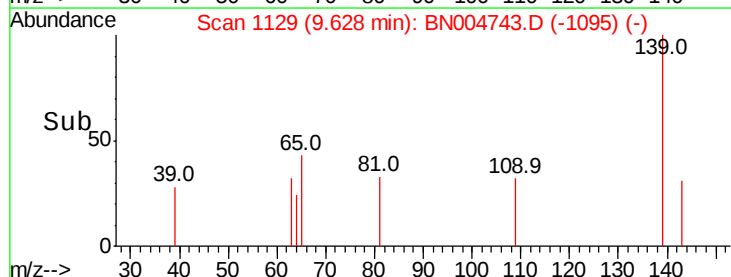
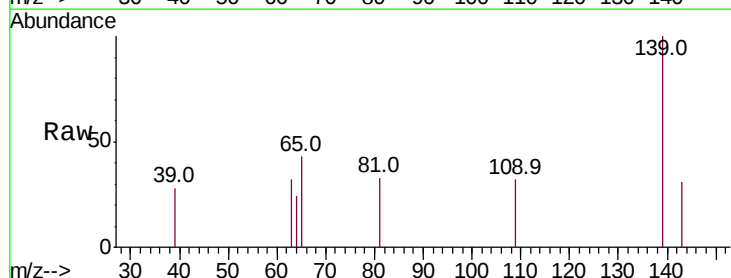
Instrument :
BNA_N
ClientSampleId :

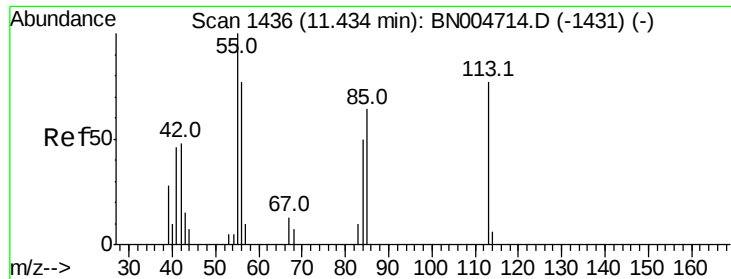
Tot Ion: 77 Resp: 191550
Ion Ratio Lower Upper
77 100
123 52.4 41.6 62.4
65 13.3 10.2 15.4



#23
2-Nitrophenol
Concen: 1.658 ng/ul
RT: 9.63 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BN004743.D
Acq: 13 Mar 2019 22:27

Tgt Ion:139 Resp: 2153
Ion Ratio Lower Upper
139 100
65 43.2 32.7 49.1
109 31.7 22.8 34.2





#32

Caprolactam

Concen: 6.938 ng/ul

RT: 11.33 min Scan# 1418

Delta R.T. -0.11 min

Lab File: BN004743.D

Acq: 13 Mar 2019 22:27

Instrument :

BNA_N

ClientSampleId :

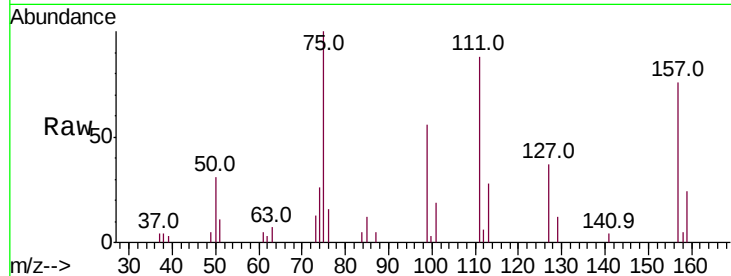
Tot Ion:113 Resp: 5295

Ion Ratio Lower Upper

113 100

55 0.0 100.7 151.1#

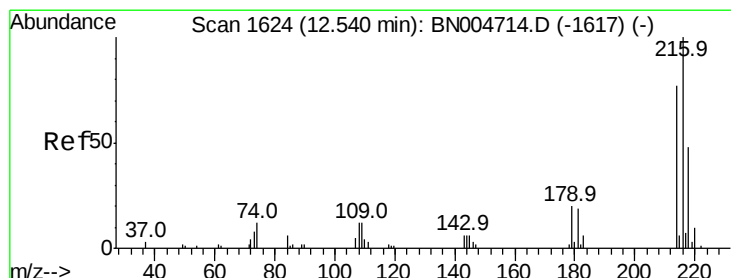
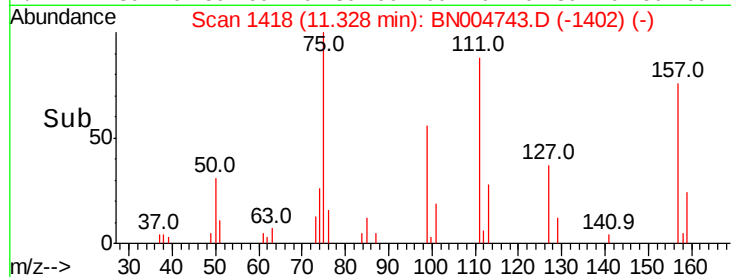
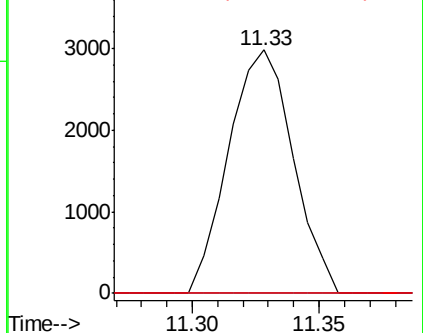
56 0.0 76.1 114.1#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#37

1,2,4,5-Tetrachlorobenzene

Concen: 2.574 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BN004743.D

Acq: 13 Mar 2019 22:27

Tgt Ion:216 Resp: 7532

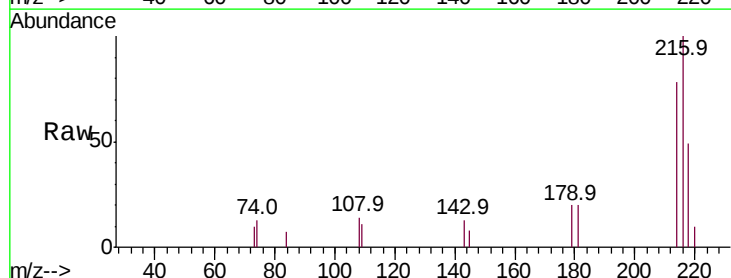
Ion Ratio Lower Upper

216 100

214 78.3 60.9 91.3

179 19.5 16.2 24.4

108 13.6 11.5 17.3

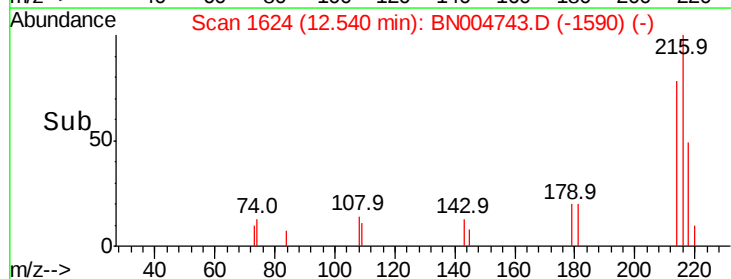
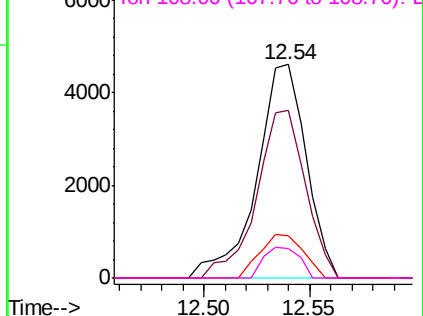


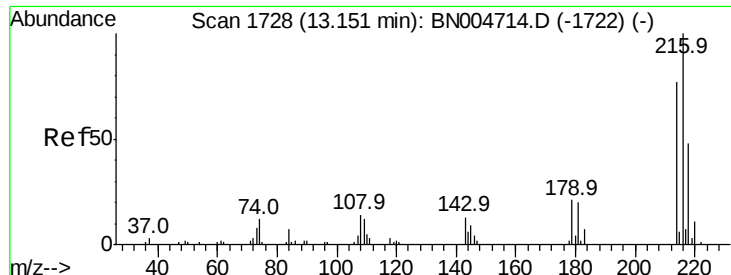
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 11.759 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BN004743.D

Acq: 13 Mar 2019 22:27

Instrument :

BNA_N

ClientSampleId :

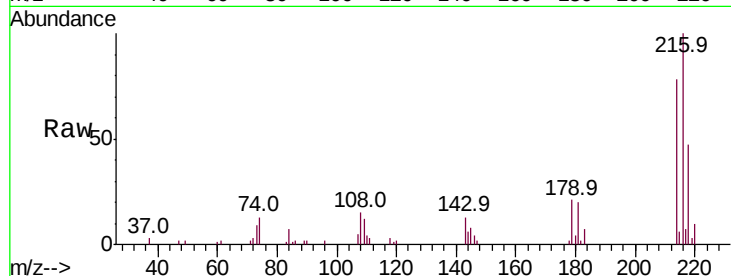
Tot Ion:216 Resp: 34710

Ion Ratio Lower Upper

216 100

214 78.2 61.9 92.9

218 47.2 38.7 58.1



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

