

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121418\
 Data File : BN003923.D
 Acq On : 14 Dec 2018 10:19
 Operator : JU/SJ
 Sample : J6383-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0935

Quant Time: Dec 14 22:32:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 14 22:19:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	22216	20.00	ng/ul	0.03
18) Naphthalene-d8	10.64	136	109518	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	66736	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	169991	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	257904	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	300292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1466	4.32	ng/uL	0.00
5) Phenol-d5	6.99	99	15974	7.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39405	33.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	47489	27.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	30147	16.47	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	31080	35.82	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	35121	35.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	55992	31.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	3508	2.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	197424	33.14	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	254589	36.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	9462	7.68	ng/ul	0.00
57) Fluorene-d10	15.46	176	179343	34.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	32859	26.84	ng/ul	0.00
70) Anthracene-d10	17.31	188	314110	36.57	ng/ul	0.00
78) Pyrene-d10	19.60	212	399211	34.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	606955	37.26	ng/ul	0.00

Target Compounds

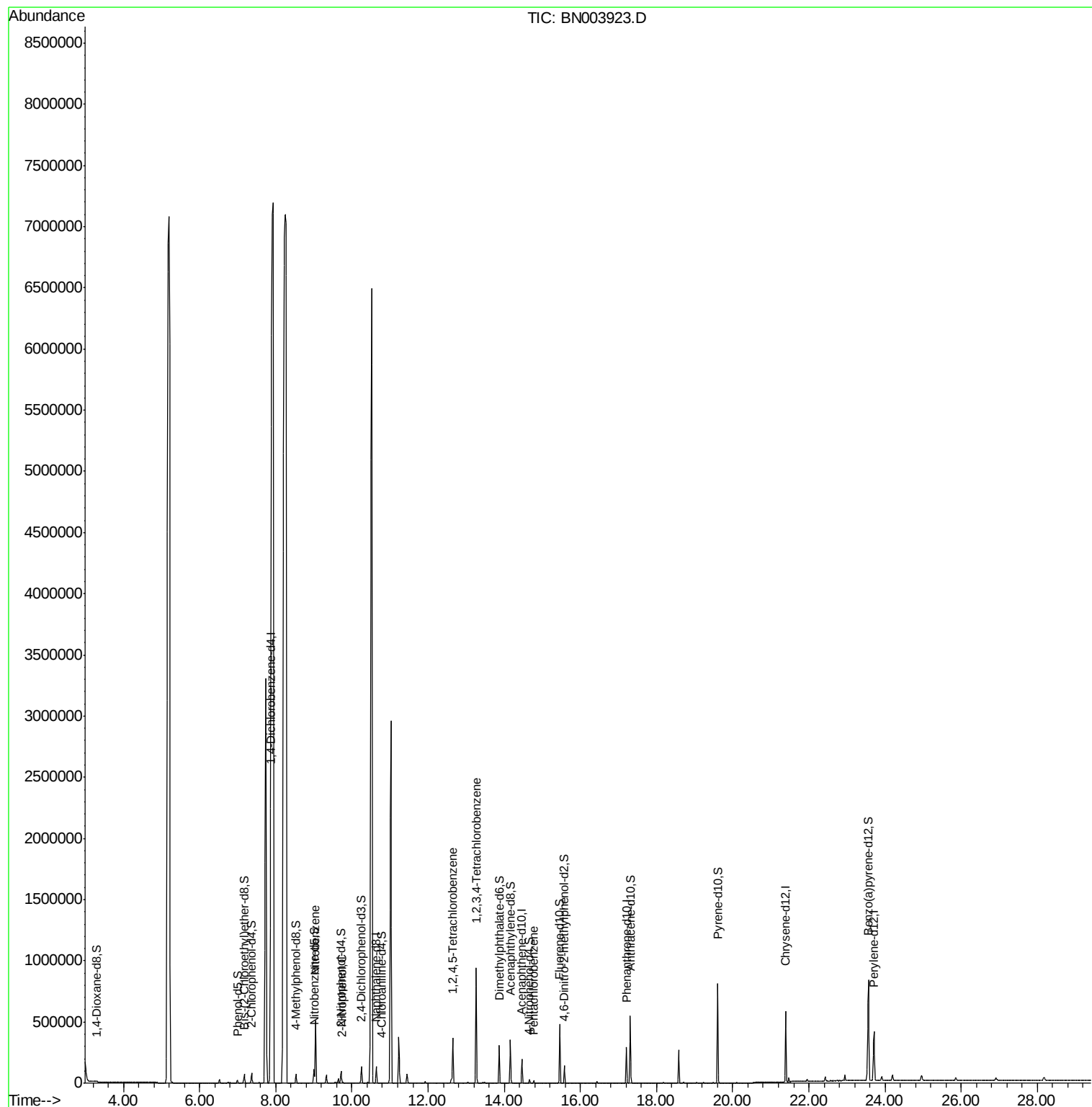
					Ovalue
20) Nitrobenzene	9.05	77	282300	150.215	ng/ul 99
23) 2-Nitrophenol	9.75	139	2793	2.703	ng/ul 98
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	126593	61.774	ng/ul 98
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	283455	133.148	ng/uL 100
73) Pentachlorobenzene	14.77	250	8424	3.463	ng/uL 99

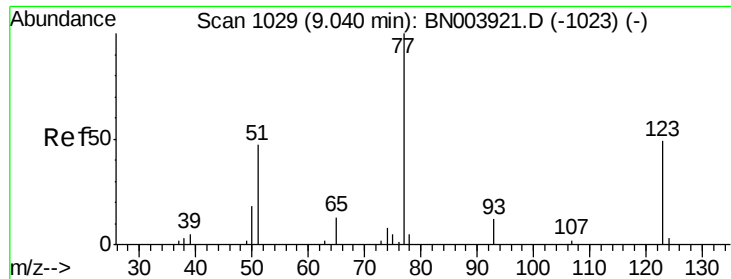
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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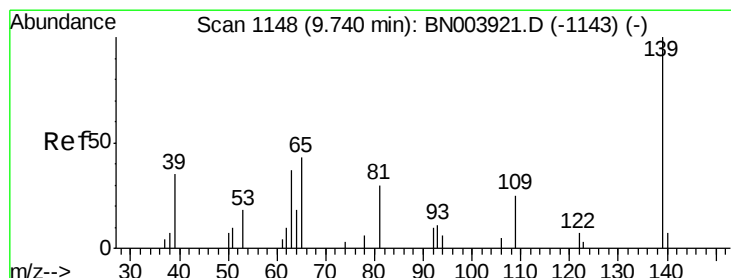
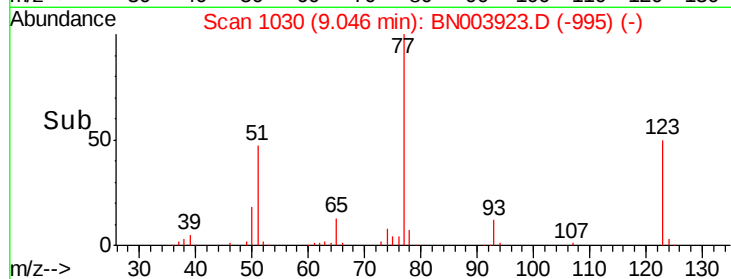
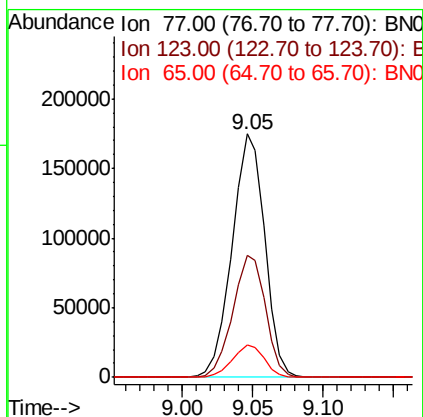
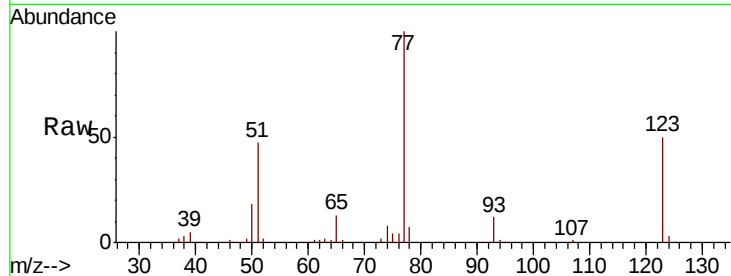




#20
Nitrobenzene
Concen: 150.215 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

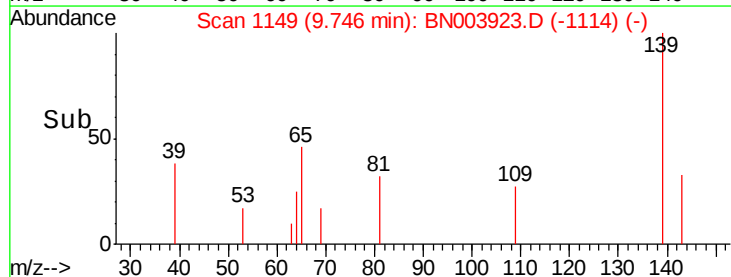
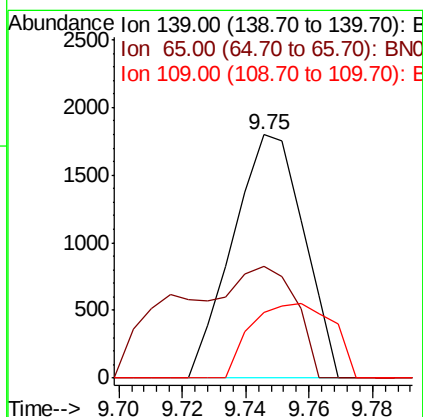
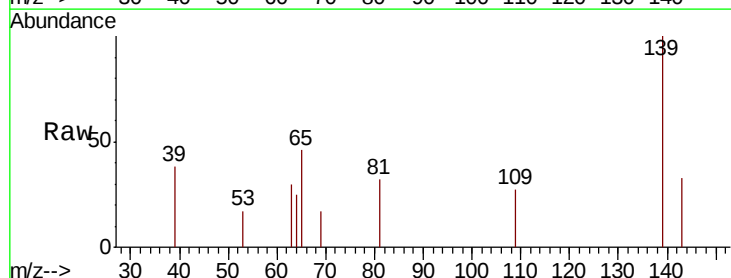
Instrument :
BNA_N
ClientSampled :
C0935

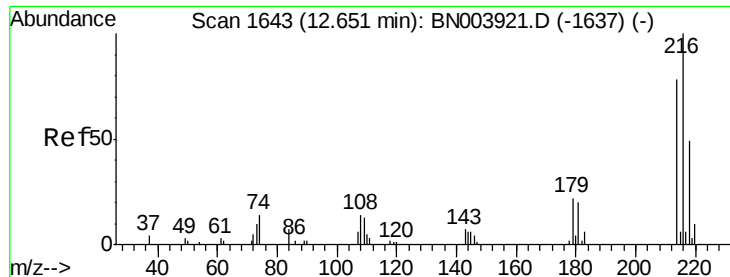
Tot Ion: 77 Resp: 282300
Ion Ratio Lower Upper
77 100
123 50.1 39.3 58.9
65 13.2 10.3 15.5



#23
2-Nitrophenol
Concen: 2.703 ng/ul
RT: 9.75 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

Tgt Ion: 139 Resp: 2793
Ion Ratio Lower Upper
139 100
65 45.9 36.7 55.1
109 27.1 19.6 29.4





#36

1,2,4,5-Tetrachlorobenzene

Concen: 61.774 ng/uL

RT: 12.65 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

Instrument :

BNA_N

ClientSampleId :

C0935

Tot Ion:216 Resp: 126593

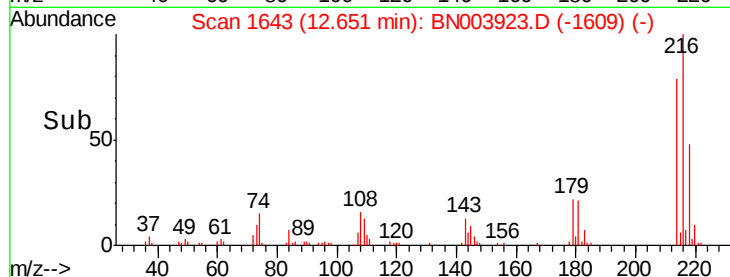
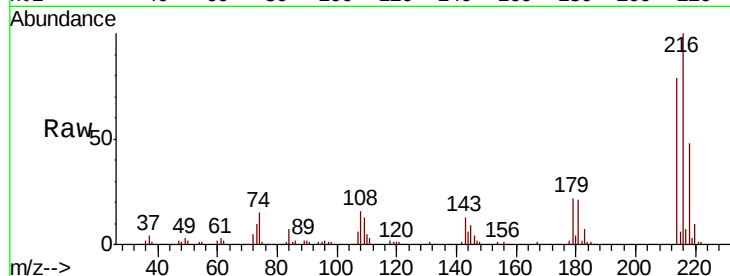
Ion Ratio Lower Upper

216 100

214 79.0 65.2 97.8

179 21.7 16.8 25.2

108 15.7 12.8 19.2

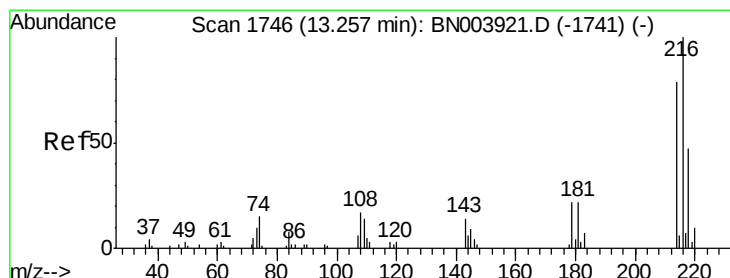
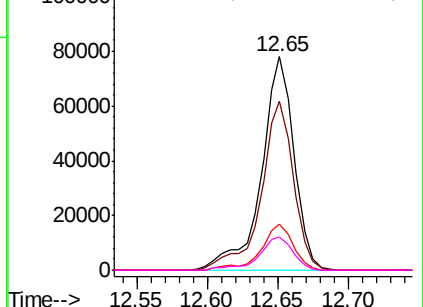


Abundance Ion 216.00 (215.70 to 216.70): E

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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 133.148 ng/uL

RT: 13.26 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

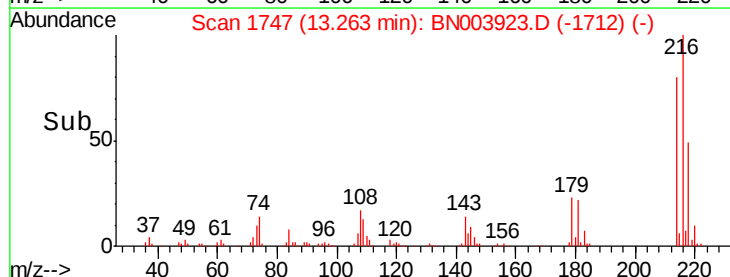
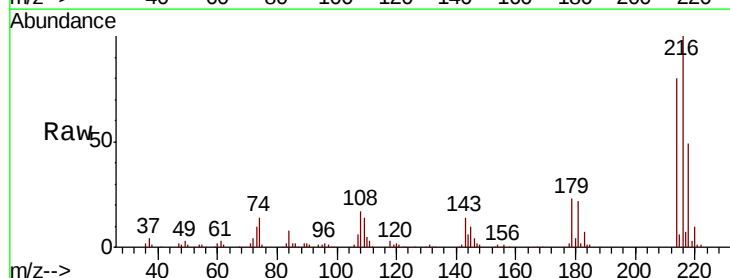
Tgt Ion:216 Resp: 283455

Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

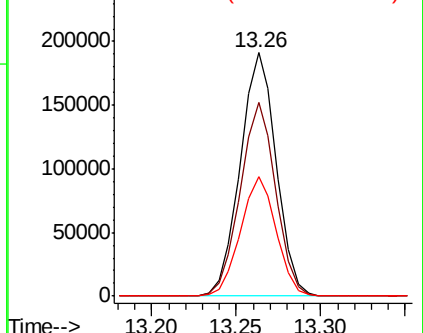
218 48.9 38.9 58.3

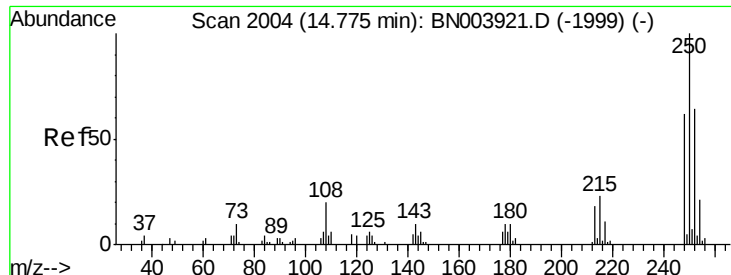


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 3.463 ng/uL

RT: 14.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

Instrument :

BNA_N

ClientSampleId :

C0935

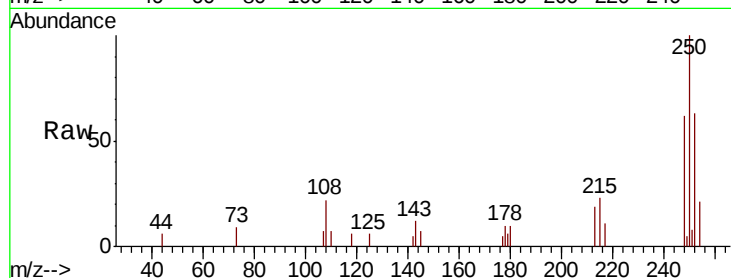
Tot Ion:250 Resp: 8424

Ion Ratio Lower Upper

250 100

248 61.9 50.2 75.2

252 63.0 51.4 77.0



Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

