

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032519\
 Data File : BM019458.D
 Acq On : 26 Mar 2019 07:15
 Operator : JU/SJ
 Sample : K2027-16
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09E2

Quant Time: Mar 26 09:07:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 25 03:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	199448	20.00	ng/ul	0.02
18) Naphthalene-d8	10.42	136	770624	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.26	164	435827	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	959950	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	924964	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	901586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	19032	3.74	ng/uL	0.00
5) Phenol-d5	6.79	99	124573	7.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	328293	27.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	353191	26.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	229378	17.21	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	201923	36.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	237036	38.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	391062	33.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	14202	1.02	ng/ul	0.02
44) Dimethylphthalate-d6	13.68	166	1271257	36.15	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	1611024	36.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	31770	5.76	ng/ul	0.01
58) Fluorene-d10	15.26	176	1093788	36.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	223480	35.20	ng/ul	0.00
71) Anthracene-d10	17.12	188	1705853	37.03	ng/ul	0.00
79) Pyrene-d10	19.42	212	1776287	41.58	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	1669133	34.92	ng/ul	0.00

Target Compounds

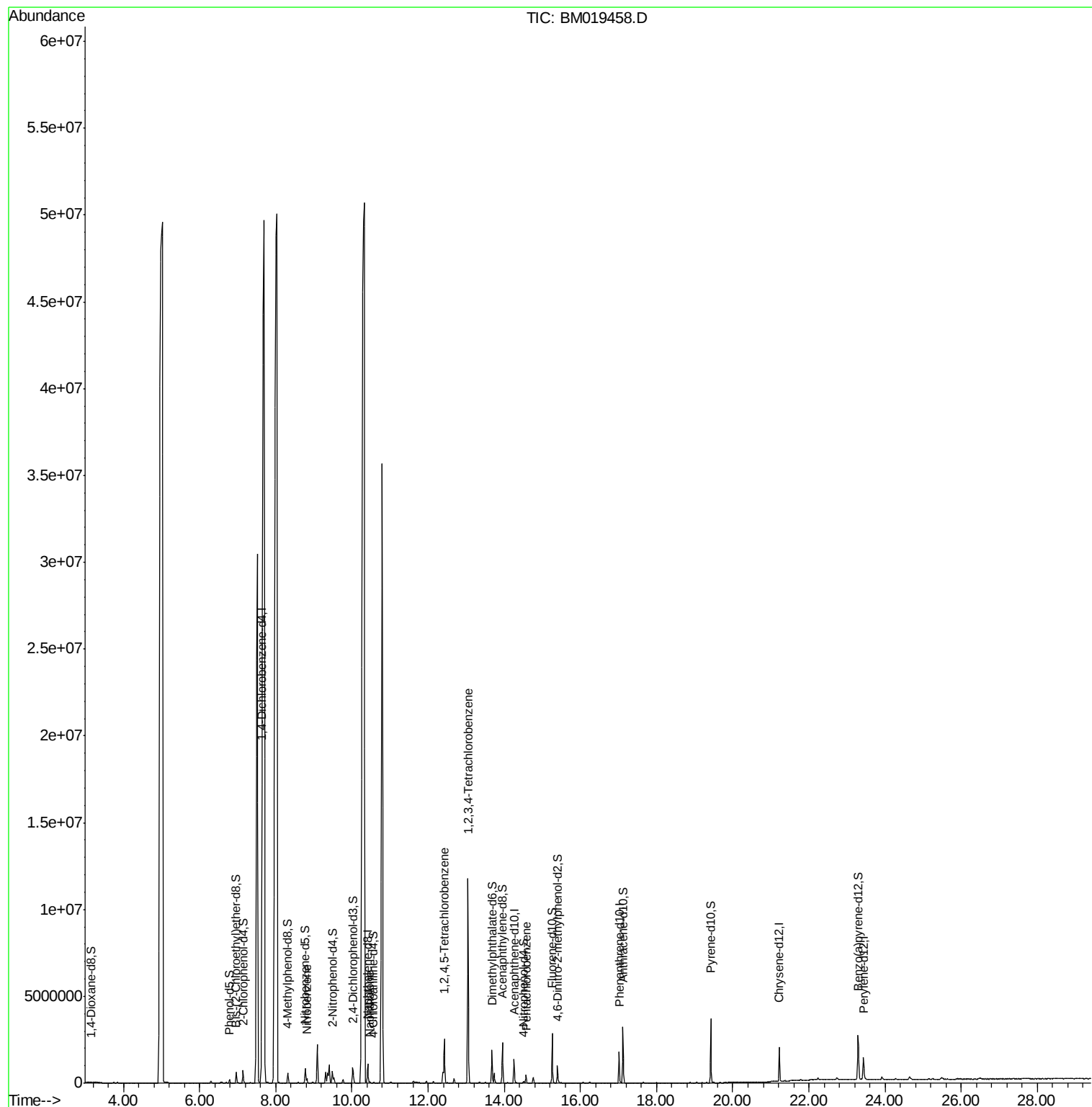
					Ovalue
20) Nitrobenzene	8.82	77	148151	9.054 ng/ul	98
28) Naphthalene	10.46	128	56738	1.421 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	780312	56.266 ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	3450496	247.925 ng/uL	99
74) Pentachlorobenzene	14.57	250	113120	7.771 ng/uL	97

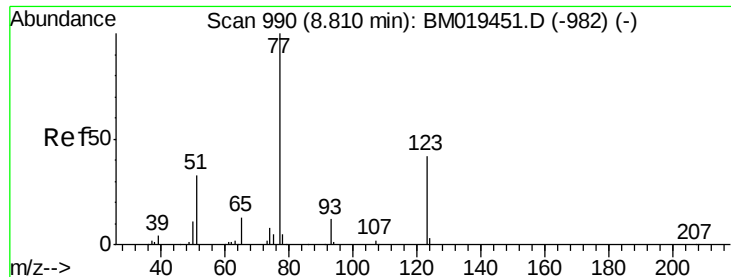
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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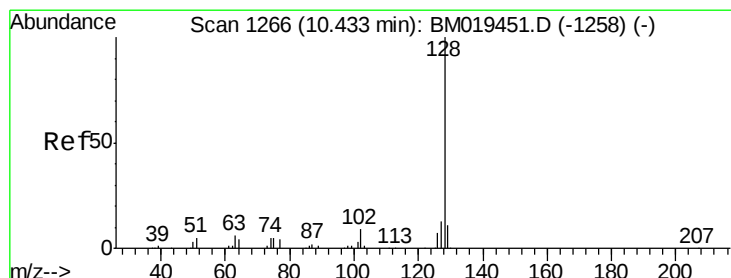
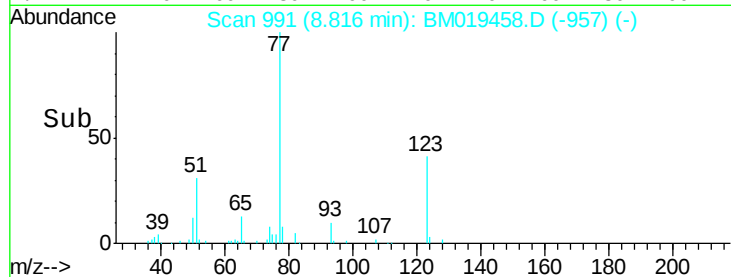
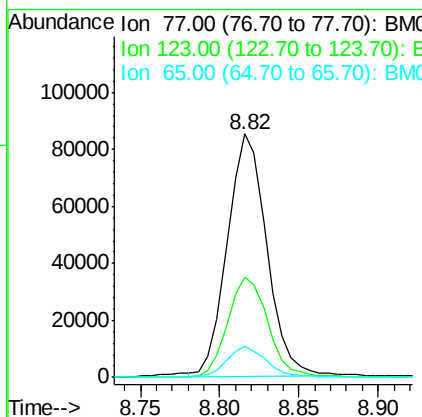
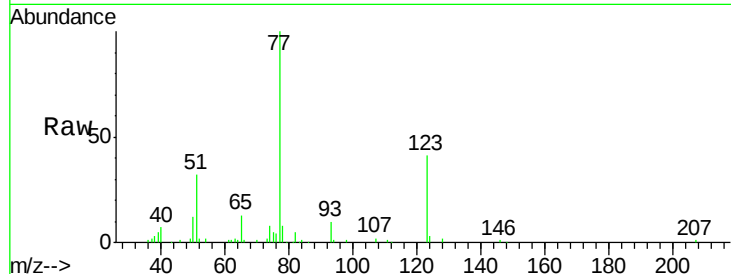




#20
Nitrobenzene
Concen: 9.054 ng/ul
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM019458.D
Acq: 26 Mar 2019 07:15

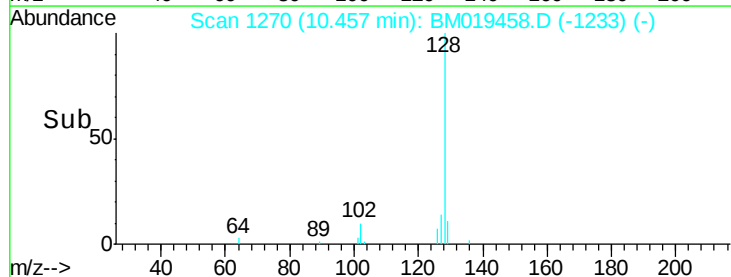
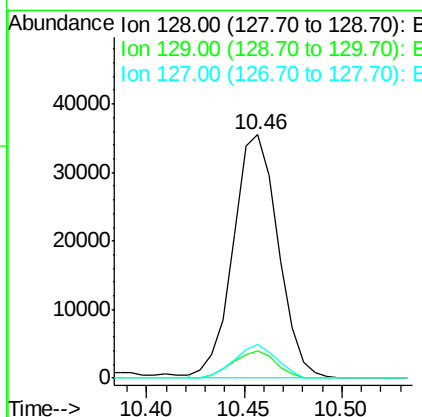
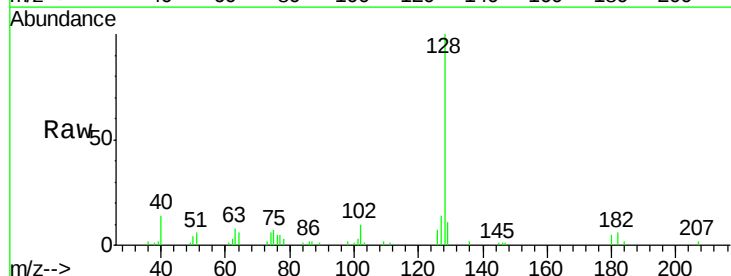
Instrument :
BNA_M
ClientSampled :
C09E2

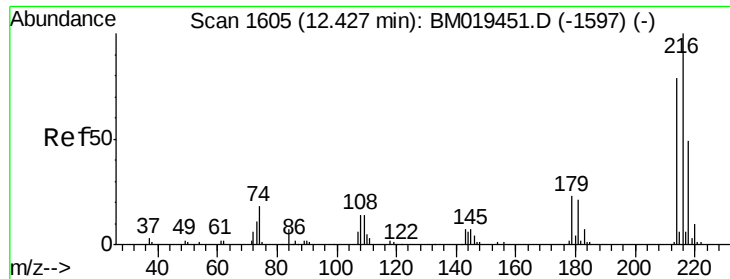
Tot Ion	Ratio	Lower	Upper
77	100		
123	41.1	31.8	47.8
65	12.6	10.6	16.0



#28
Naphthalene
Concen: 1.421 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.02 min
Lab File: BM019458.D
Acq: 26 Mar 2019 07:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.3	12.5
127	13.9	10.8	16.2

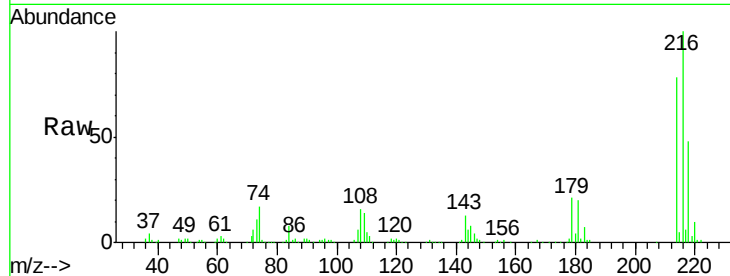




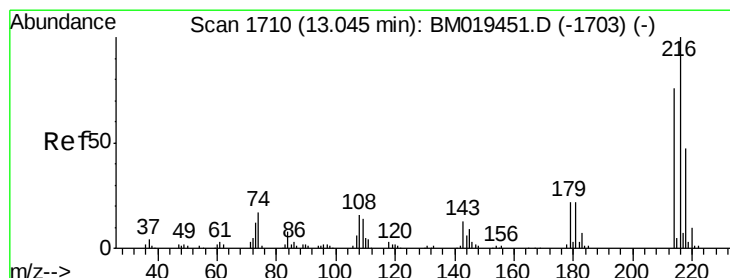
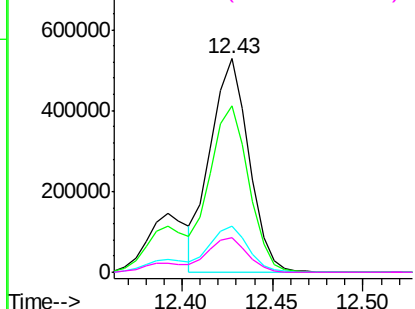
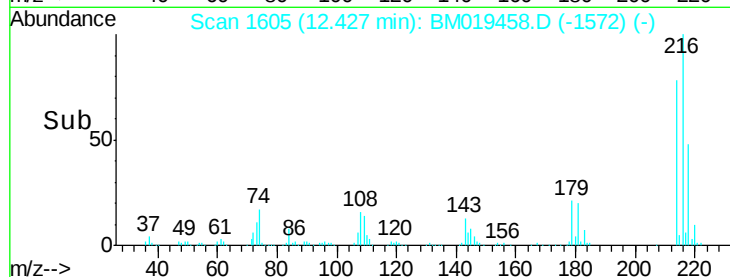
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.266 ng/uL
 RT: 12.43 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BM019458.D
 Acq: 26 Mar 2019 07:15

Instrument :
 BNA_M
 ClientSampleId :
 C09E2

Tot Ion:216 Resp: 780312
 Ion Ratio Lower Upper
 216 100
 214 78.2 64.1 96.1
 179 21.3 14.5 21.7
 108 16.1 10.4 15.6#

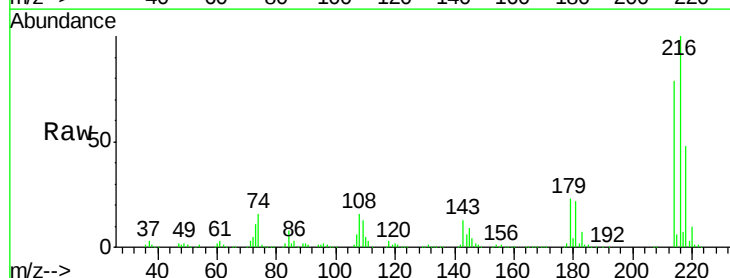


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

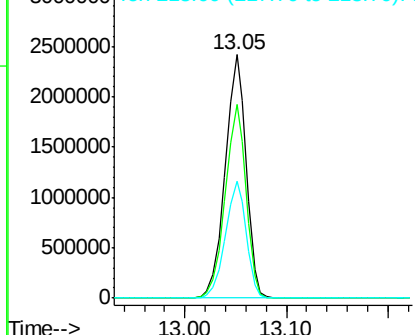
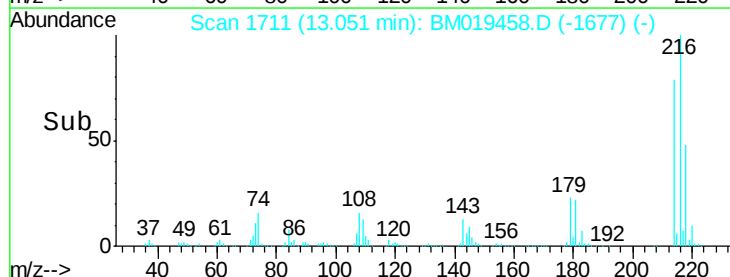


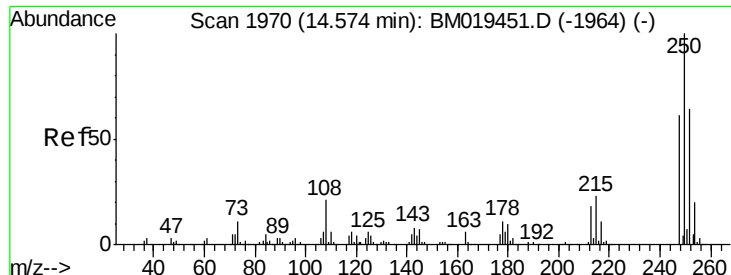
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 247.925 ng/uL
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BM019458.D
 Acq: 26 Mar 2019 07:15

Tgt Ion:216 Resp: 3450496
 Ion Ratio Lower Upper
 216 100
 214 79.4 64.1 96.1
 218 48.1 39.4 59.0



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





#74

Pentachlorobenzene

Concen: 7.771 ng/uL

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM019458.D

Acq: 26 Mar 2019 07:15

Instrument :

BNA_M

ClientSampleId :

C09E2

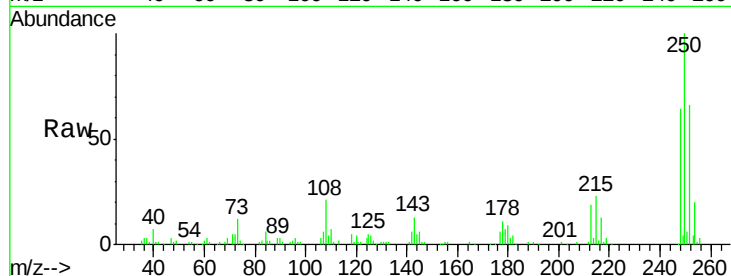
Tot Ion:250 Resp: 113120

Ion Ratio Lower Upper

250 100

248 63.6 51.4 77.2

252 66.1 49.8 74.6



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

