

Data File : BM023884.D
Acq On : 23 Nov 2019 07:31
Operator : JU
Sample : K5854-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC8

Quant Time: Nov 25 01:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 25 01:09:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	385949	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1574973	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	979242	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2056802	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2003891	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	2430609	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	21722	2.32	ng/uL	0.00
5) Phenol-d5	6.70	99	473254	13.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	277977	13.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	394464	15.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	311325	11.09	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	192579	17.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	213903	18.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	378262	14.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	414122	13.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1165353	15.26	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1421980	16.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	127996	9.82	ng/ul	0.01
58) Fluorene-d10	15.17	176	1038890	15.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	71735	6.03	ng/ul	0.00
71) Anthracene-d10	17.02	188	1583869	16.23	ng/ul	0.00
79) Pyrene-d10	19.32	212	1818981	17.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.14	264	2159921	16.89	ng/ul	0.00

Target Compounds

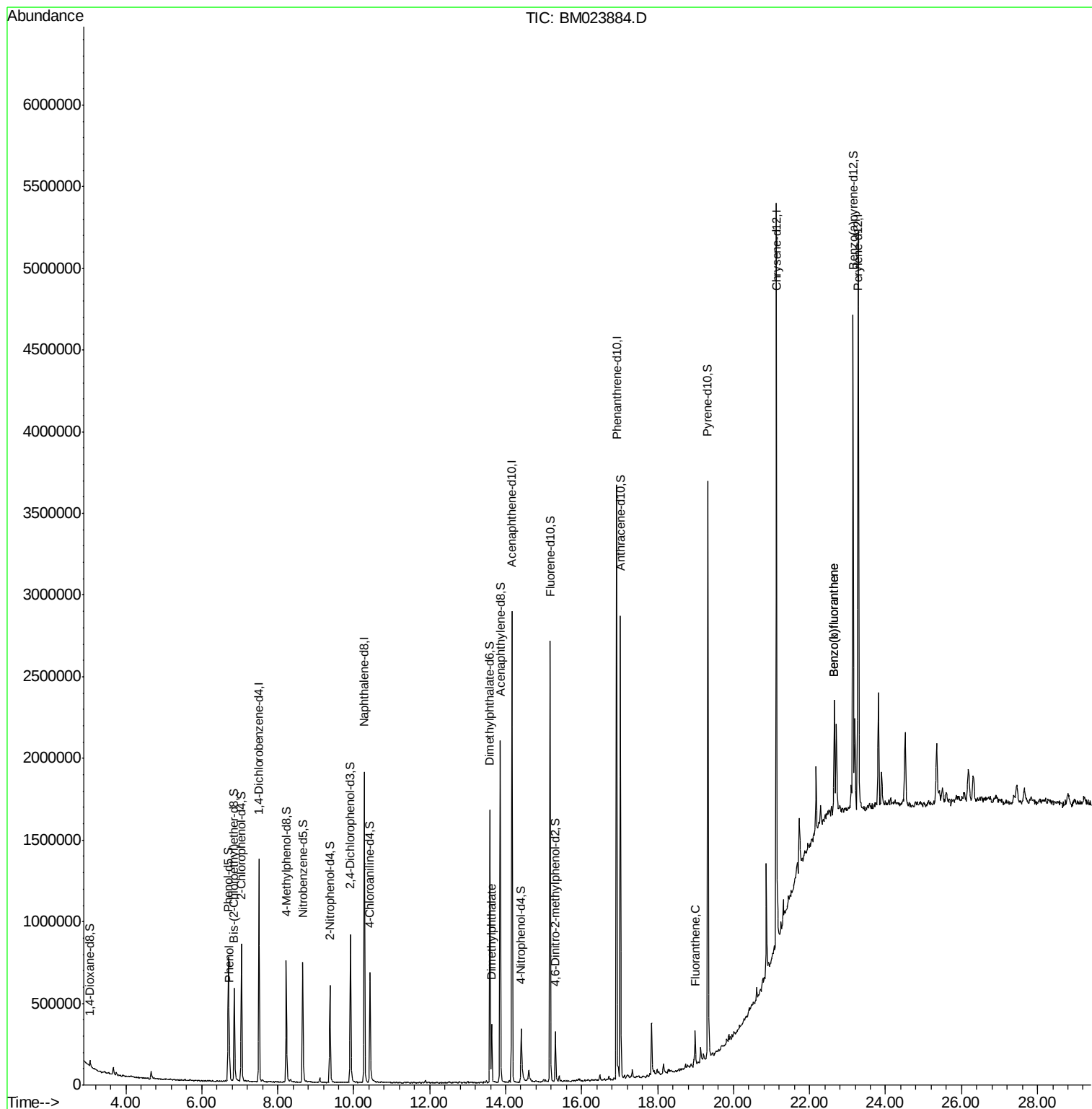
					Qvalue	
6) Phenol	6.72	94	126092	3.479	ng/ul	99
45) Dimethylphthalate	13.63	163	237560	3.174	ng/ul	99
77) Fluoranthene	18.99	202	121825	1.004	ng/ul#	94
88) Benzo(b)fluoranthene	22.64	252	166511	1.075	ng/ul#	91
89) Benzo(k)fluoranthene	22.64	252	166511	1.115	ng/ul#	89

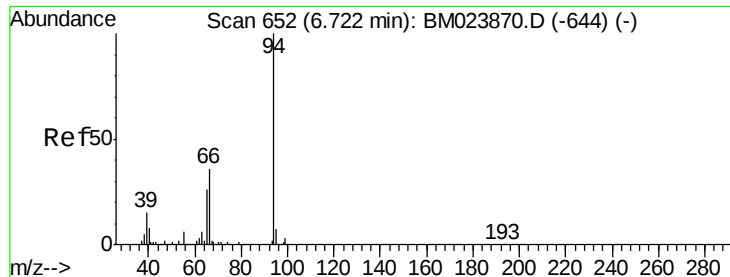
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.479 ng/ul

RT: 6.72 min Scan# 652

Delta R.T. 0.00 min

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BNA_M

ClientSampleId :

C0AC8

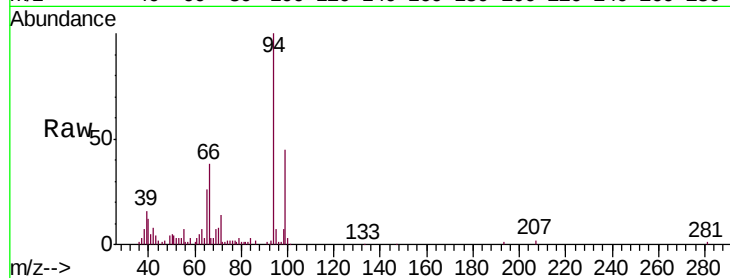
Tgt Ion: 94 Resp: 126092

Ion Ratio Lower Upper

94 100

65 25.6 21.4 32.2

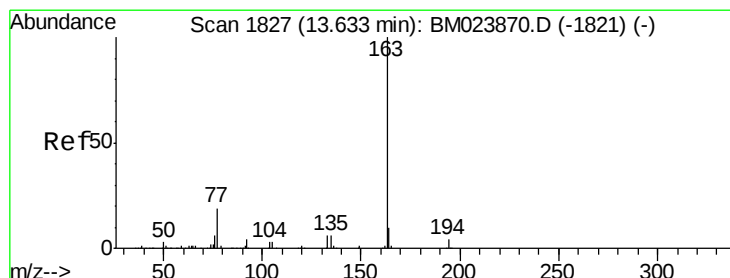
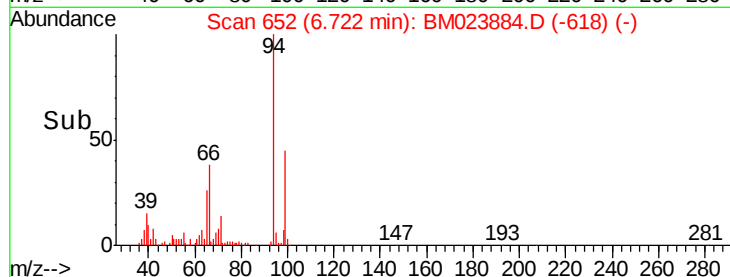
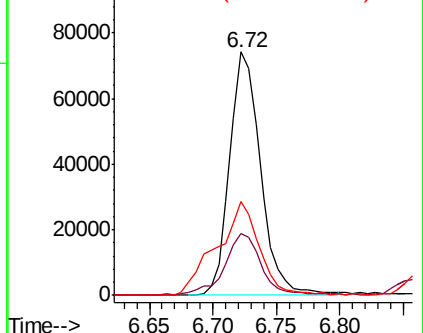
66 38.4 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023870.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM023870.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM023870.D (-644) (-)



#45

Dimethylphthalate

Concen: 3.174 ng/ul

RT: 13.63 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM023884.D

Acq: 23 Nov 2019 07:31

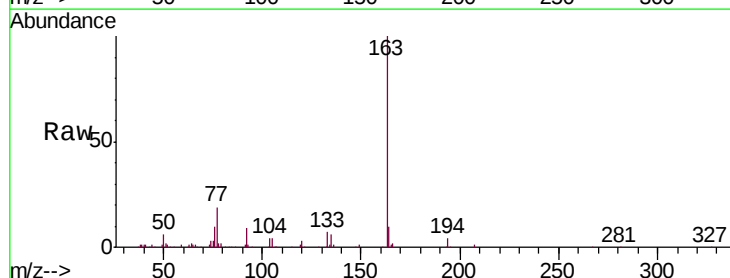
Tgt Ion:163 Resp: 237560

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

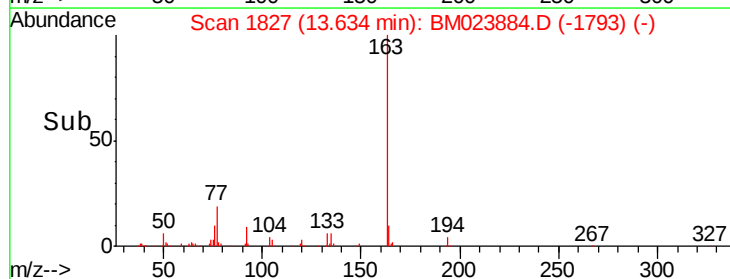
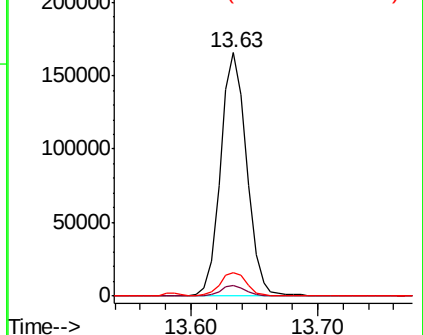
164 9.5 8.0 12.0

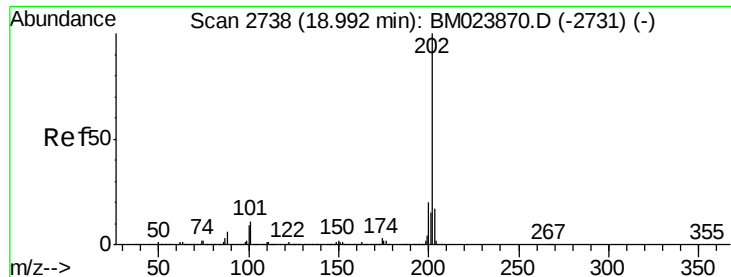


Abundance Ion 163.00 (162.70 to 163.70): BM023870.D (-1821) (-)

Ion 194.00 (193.70 to 194.70): BM023870.D (-1821) (-)

Ion 164.00 (163.70 to 164.70): BM023870.D (-1821) (-)

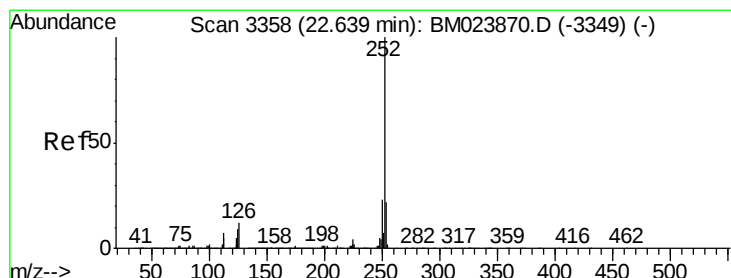
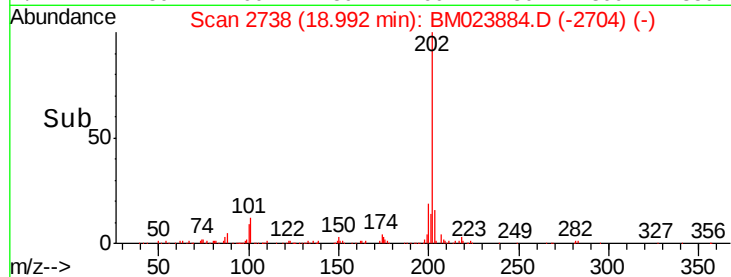
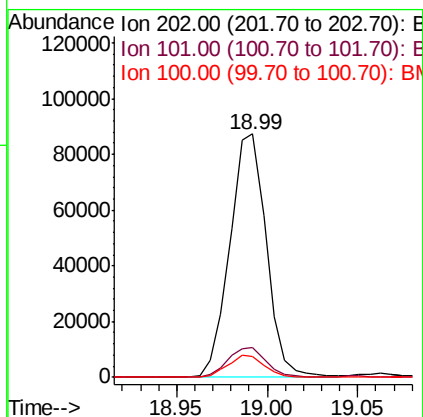
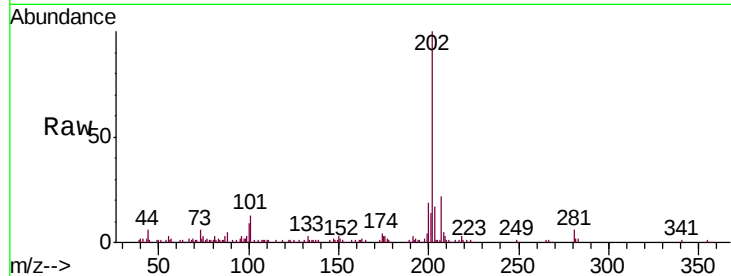




#77
 Fluoranthene
 Concen: 1.004 ng/ul
 RT: 18.99 min Scan# 2738
 Delta R.T. 0.00 min
 Lab File: BM023884.D
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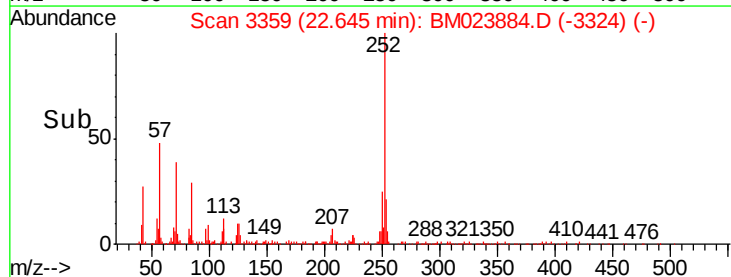
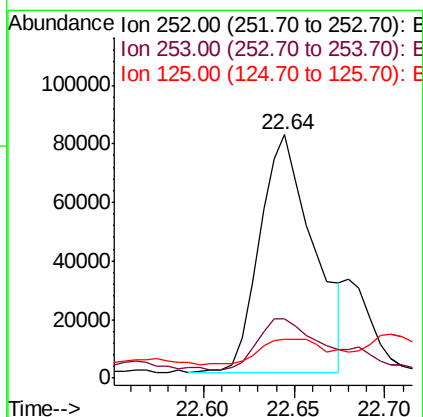
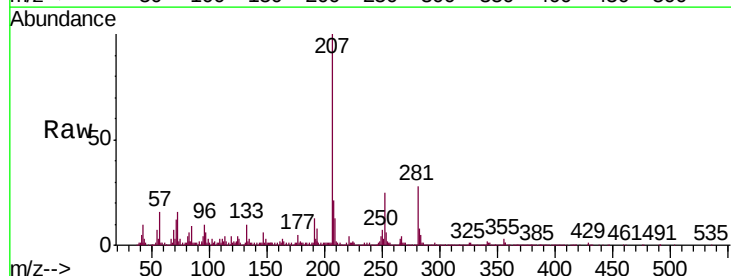
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 C0AC8

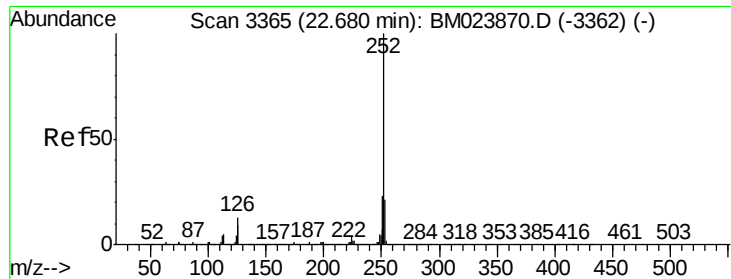
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.5	7.7	11.5#
100	8.5	6.0	9.0



#88
 Benzo(b)fluoranthene
 Concen: 1.075 ng/ul
 RT: 22.64 min Scan# 3359
 Delta R.T. 0.01 min
 Lab File: BM023884.D
 Acq: 23 Nov 2019 07:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	16.1	6.5	9.7#





#89

Benzo(k)fluoranthene

Concen: 1.115 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.04 min

Lab File: BM023884.D

Acq: 23 Nov 2019 07:31

Instrument :

BNA_M

ClientSampleId :

C0AC8

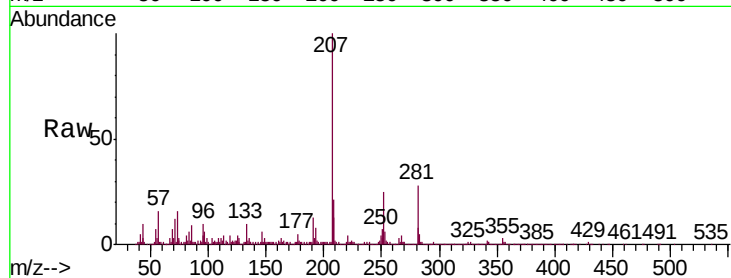
Tgt Ion: 252 Resp: 166511

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

125 16.1 5.9 8.9#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

