

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024194.D
 Acq On : 20 Dec 2019 08:54
 Operator : JU
 Sample : K6238-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPZ8

Quant Time: Dec 25 04:49:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	244147	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.21	136	1079900	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.10	164	688569	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1460702	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1367487	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1561147	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.01	96	6604	1.19	ng/uL	0.00
5) Phenol-d5	6.65	99	143960	6.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	422952	30.51	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.98	132	400263	24.28	ng/ul	-0.01
13) 4-Methylphenol-d8	8.17	113	281628	14.90	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	238973	30.80	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	266536	31.24	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	472660	28.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	38788	1.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1849745	36.33	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	2039876	33.43	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	40791	4.46	ng/ul	0.01
58) Fluorene-d10	15.10	176	1539188	34.48	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	263127	29.53	ng/ul	0.00
71) Anthracene-d10	16.96	188	2489878	37.46	ng/ul	-0.01
79) Pyrene-d10	19.27	212	2683016	41.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	3042715	39.24	ng/ul	0.00

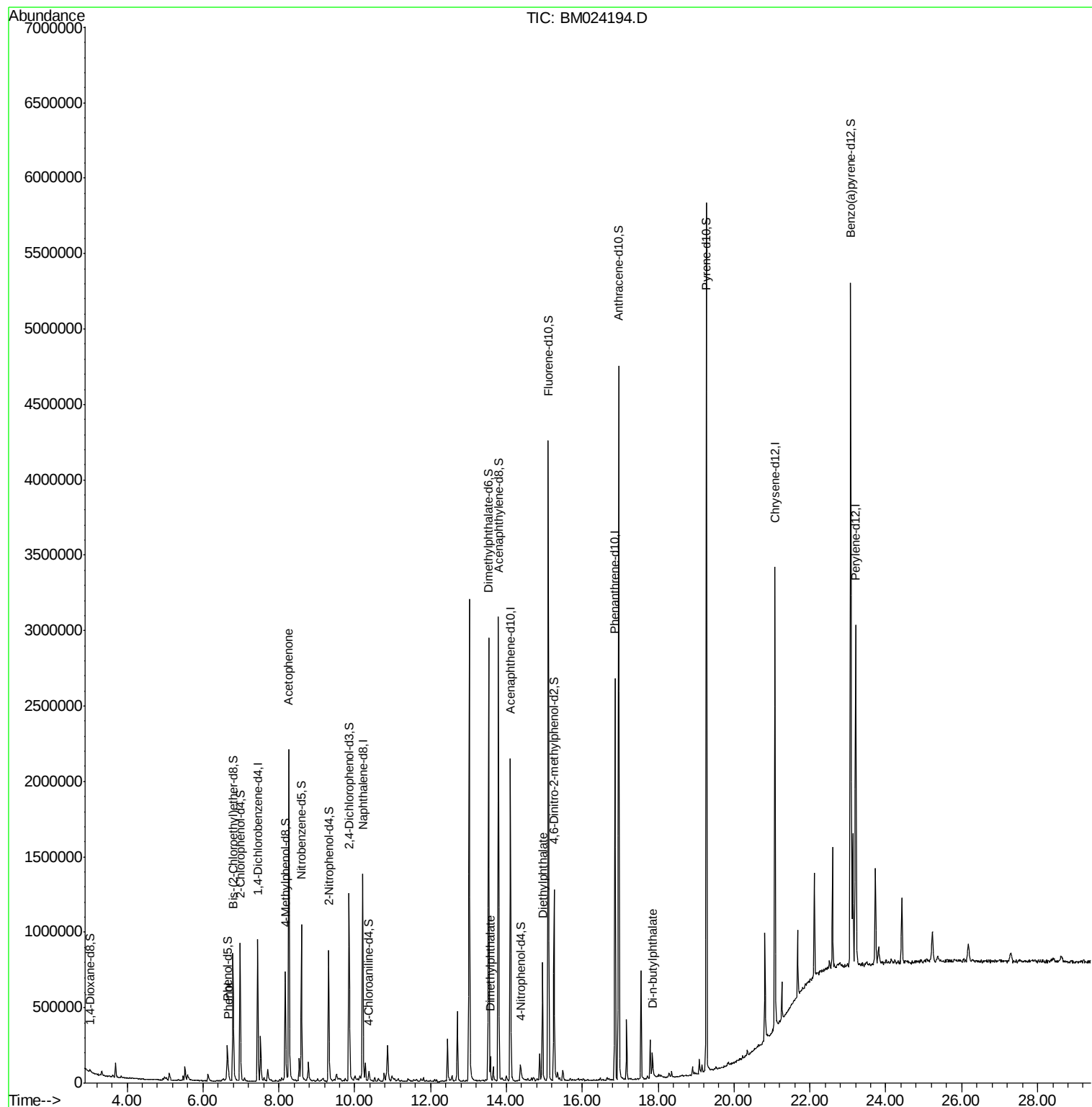
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.67	94	38046	1.594	ng/ul	96
14) Acetophenone	8.27	105	61417	2.155	ng/ul#	93
45) Dimethylphthalate	13.57	163	95554	1.806	ng/ul	99
57) Diethylphthalate	14.95	149	413193	7.680	ng/ul	99
76) Di-n-butylphthalate	17.85	149	101248	1.195	ng/ul#	98

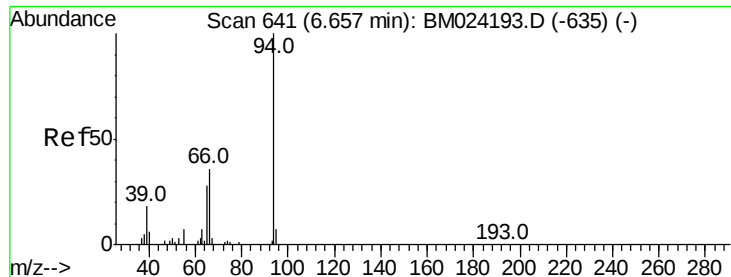
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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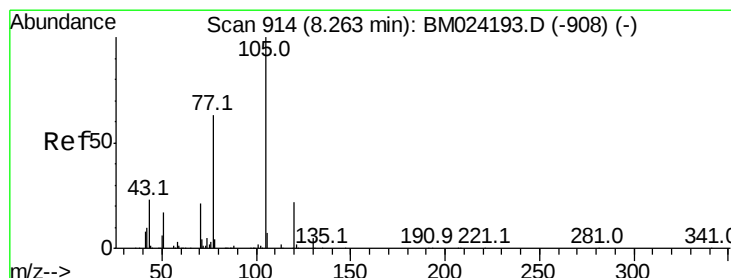
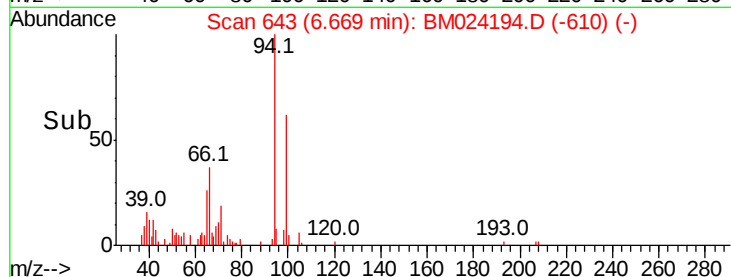
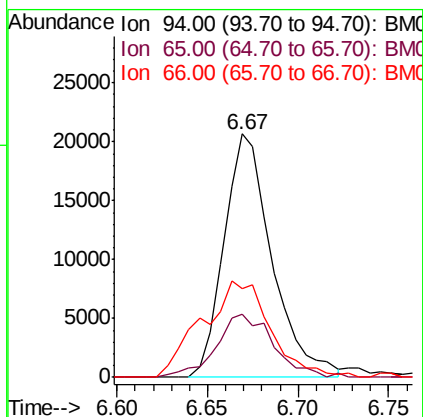
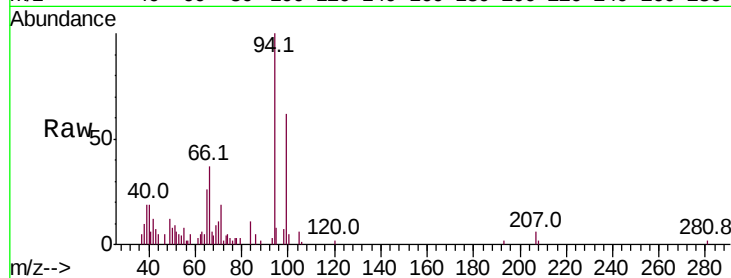
#6

Phenol

Concen: 1.594 ng/ul
 RT: 6.67 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM024194.D
 Acq: 20 Dec 2019 08:54

Instrument :
 BNA_M
 ClientSampled :
 BFPZ8

Tot Ion: 94 Resp: 38046
 Ion Ratio Lower Upper
 94 100
 65 25.9 22.6 33.8
 66 36.5 30.7 46.1

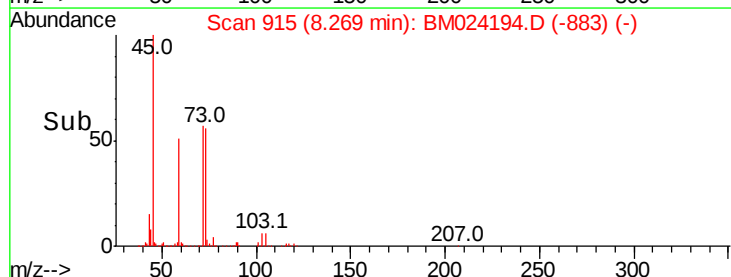
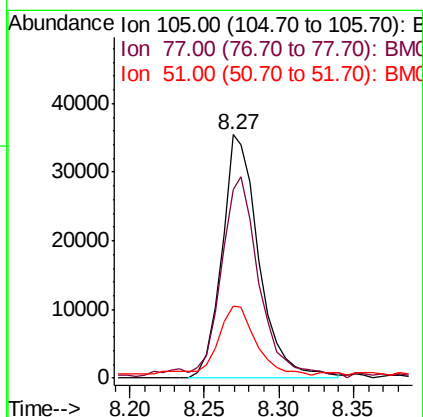
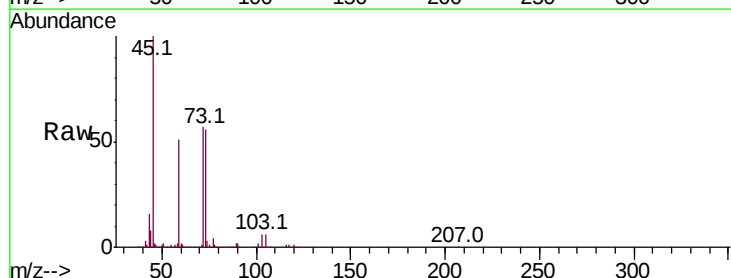


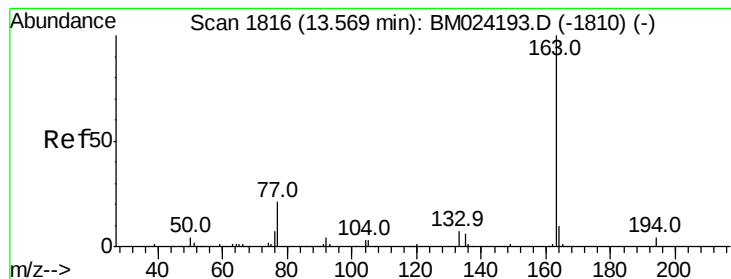
#14

Acetophenone

Concen: 2.155 ng/ul
 RT: 8.27 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BM024194.D
 Acq: 20 Dec 2019 08:54

Tgt Ion: 105 Resp: 61417
 Ion Ratio Lower Upper
 105 100
 77 77.6 65.6 98.4
 51 29.4 18.3 27.5#





#45

Dimethylphthalate

Concen: 1.806 ng/ul

RT: 13.57 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BM024194.D

Acq: 20 Dec 2019 08:54

Instrument :

BNA_M

ClientSampleId :

BFPZ8

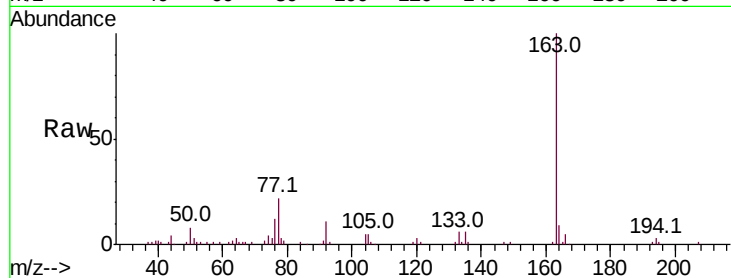
Tot Ion:163 Resp: 95554

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

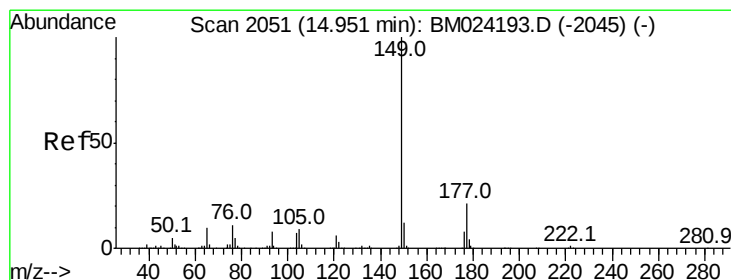
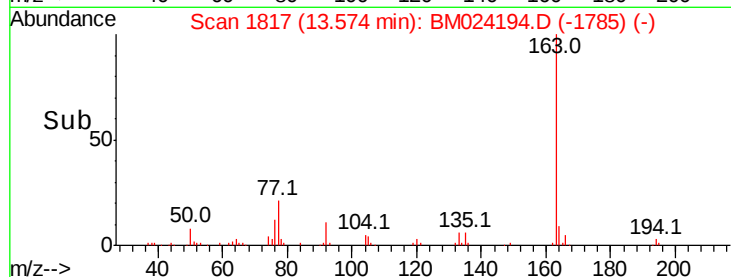
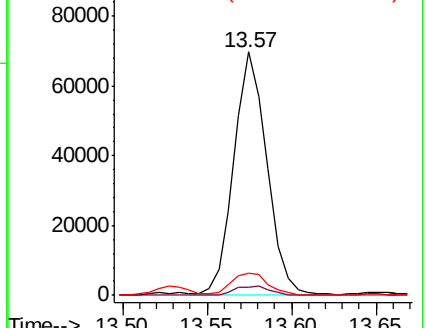
164 9.3 7.8 11.6



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



#57

Diethylphthalate

Concen: 7.680 ng/ul

RT: 14.95 min Scan# 2051

Delta R.T. -0.02 min

Lab File: BM024194.D

Acq: 20 Dec 2019 08:54

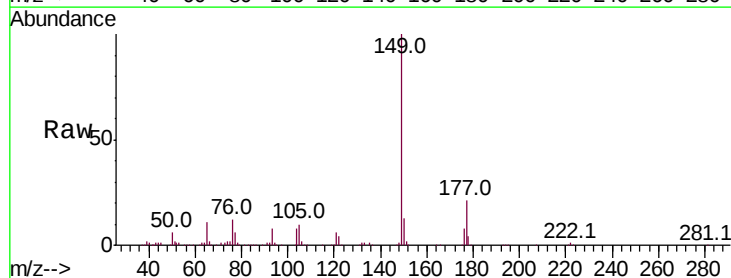
Tgt Ion:149 Resp: 413193

Ion Ratio Lower Upper

149 100

177 21.3 17.1 25.7

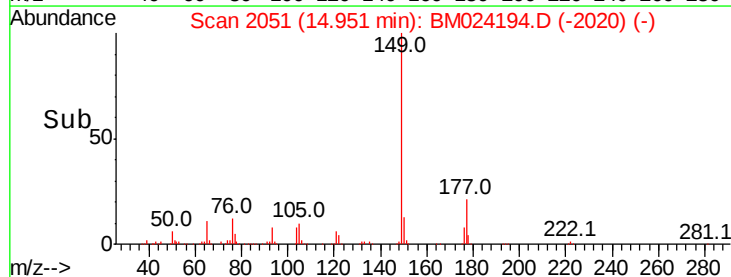
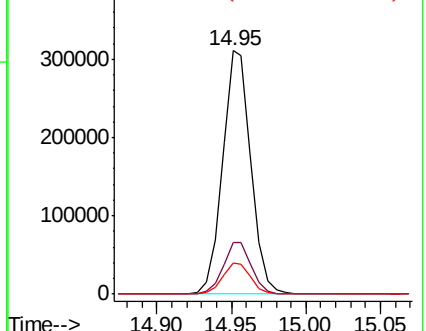
150 12.9 9.9 14.9

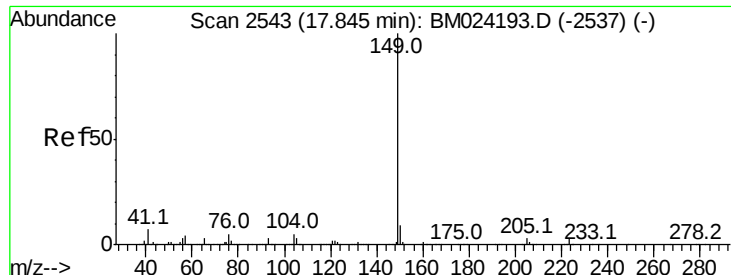


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

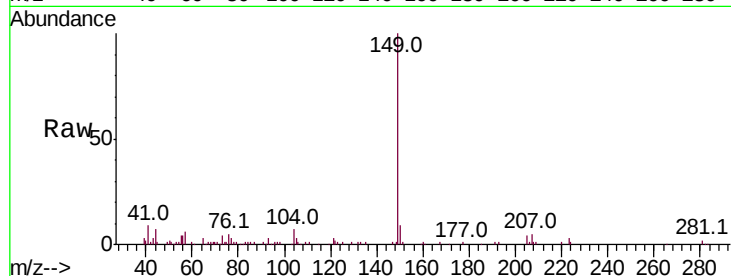




#76
 Di-n-butylphthalate
 Concen: 1.195 ng/ul
 RT: 17.85 min Scan# 2544
 Delta R.T. -0.01 min
 Lab File: BM024194.D
 Acq: 20 Dec 2019 08:54

Instrument :
 BNA_M
 ClientSampleId :
 BFPZ8

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	6.5	4.2	6.2#



Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

