

Data Path : Z:\HPCHEM1\BNA_M\Data\BM062116\
 Data File : BM005884.D
 Acq On : 21 Jun 2016 08:38
 Operator : UM/SJ
 Sample : H3461-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY3

Quant Time: Jun 21 11:07:53 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 08:19:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	188931	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1011206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	660451	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1622137	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1975848	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	2079440	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	3076	0.64	ng/uL	0.00
5) Phenol-d5	6.85	99	117718	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	315808	26.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	315538	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	245598	14.09	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	189035	25.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	193802	26.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	424541	24.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	3302	0.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1803876	28.82	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1995623	27.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	66883	6.20	ng/ul	0.00
57) Fluorene-d10	15.32	176	1517733	29.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	209803	32.10	ng/ul	0.00
70) Anthracene-d10	17.17	188	2584722	31.43	ng/ul	0.00
76) Pyrene-d10	19.47	212	2905587	27.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	3218035	30.37	ng/ul	0.00

Target Compounds

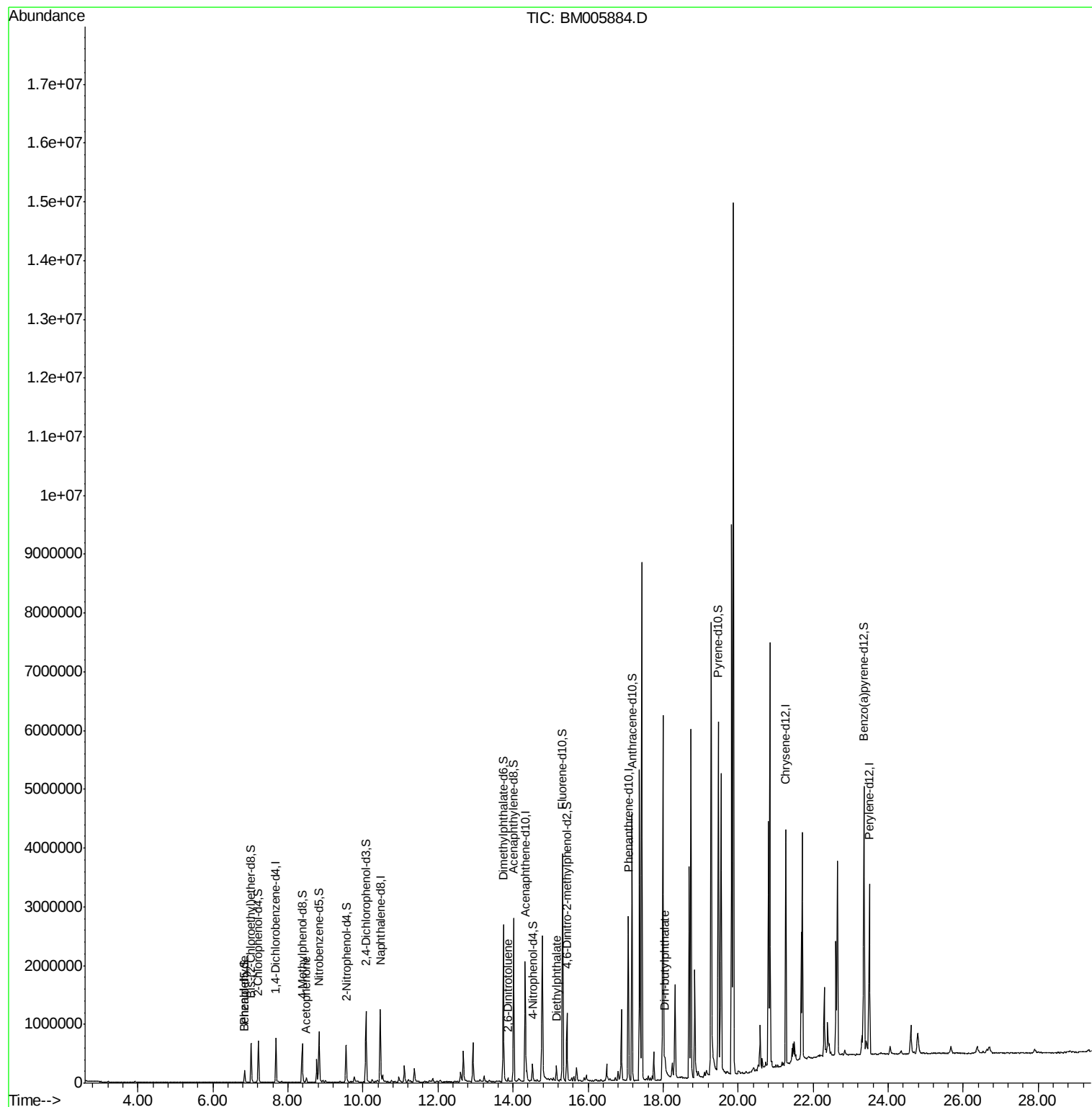
						Qvalue
4) Benzaldehyde	6.83	77	2920	1.19	ng/ul#	82
14) Acetophenone	8.50	105	32930	1.28	ng/ul	93
45) 2,6-Dinitrotoluene	13.87	165	11088	1.09	ng/ul#	36
56) Diethylphthalate	15.16	149	145706	2.21	ng/ul	99
73) Di-n-butylphthalate	18.05	149	132459	1.12	ng/ul	98

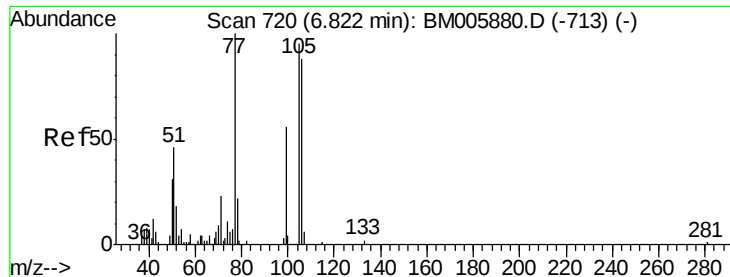
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 1.19 ng/ul

RT: 6.83 min Scan# 721

Delta R.T. 0.01 min

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Acq: 21 Jun 2016 08:38

Instrument :

BNA_M

ClientSampleId :

C0AY3

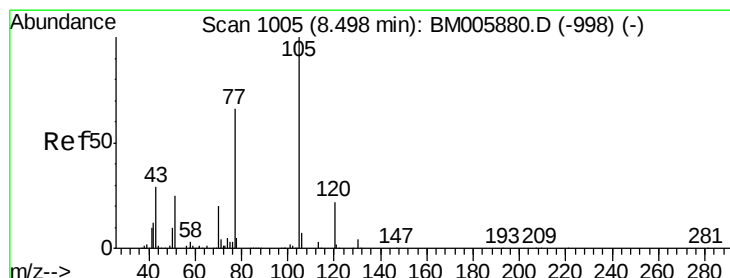
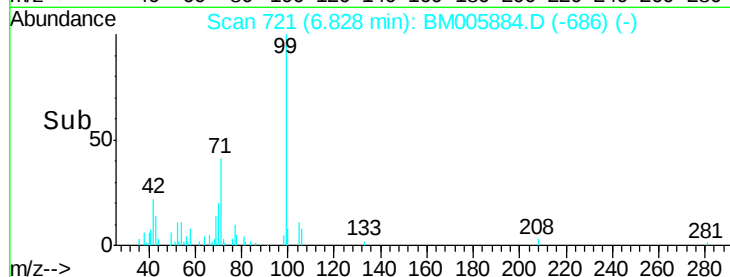
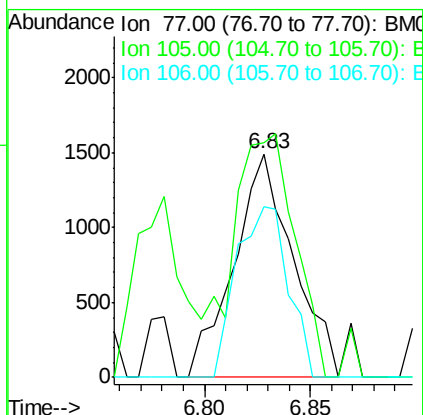
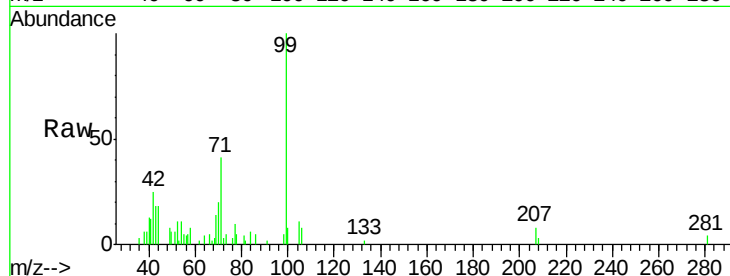
Tgt Ion: 77 Resp: 2920

Ion Ratio Lower Upper

77 100

105 105.2 73.1 109.7

106 76.3 77.5 116.3#



#14

Acetophenone

Concen: 1.28 ng/ul

RT: 8.50 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BM005884.D

Acq: 21 Jun 2016 08:38

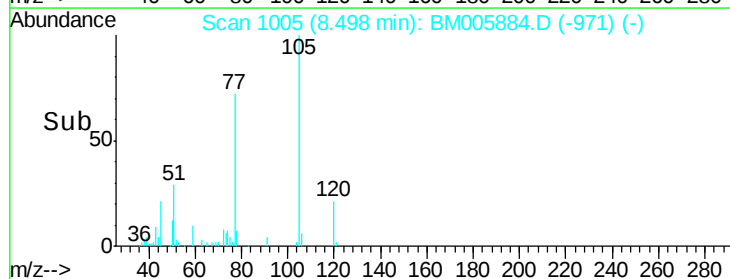
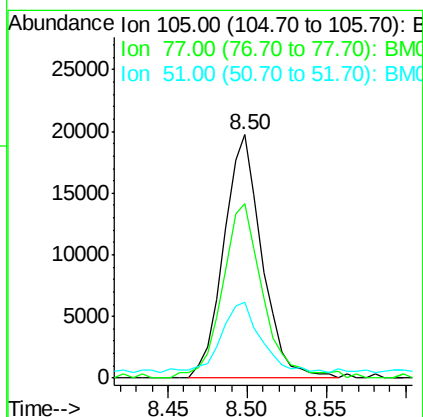
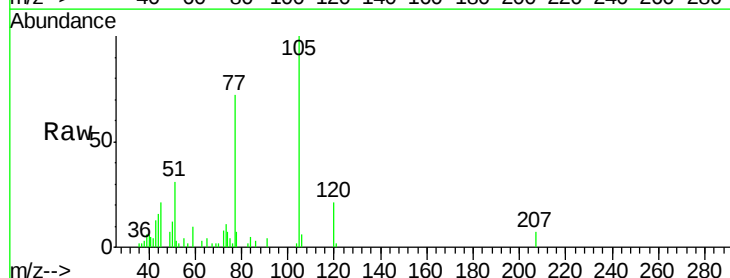
Tgt Ion: 105 Resp: 32930

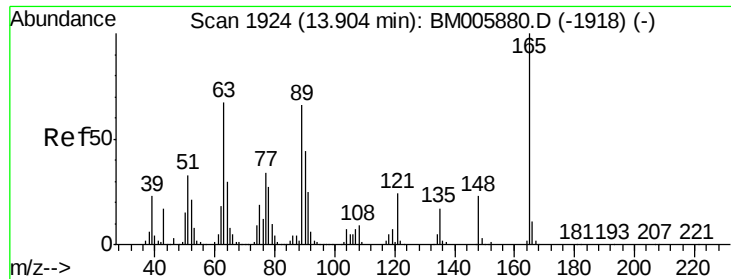
Ion Ratio Lower Upper

105 100

77 71.6 62.8 94.2

51 31.4 23.0 34.6

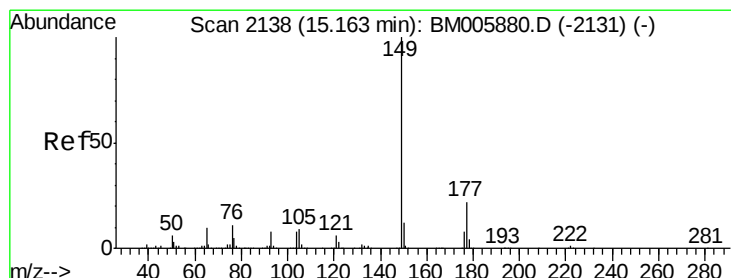
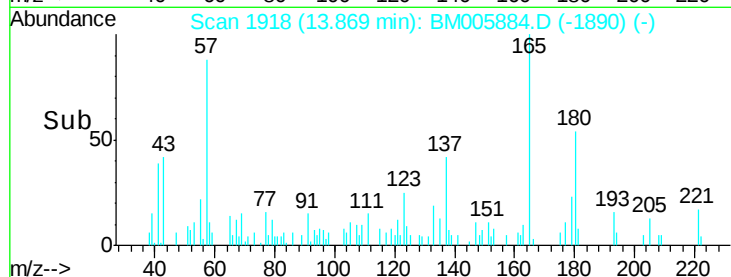
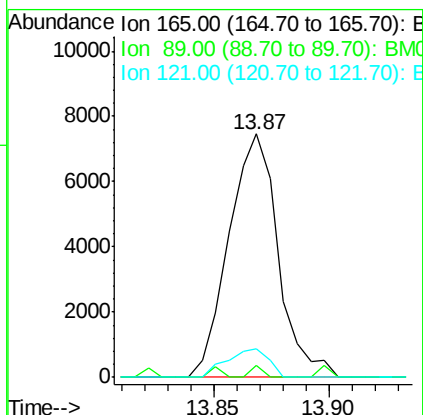
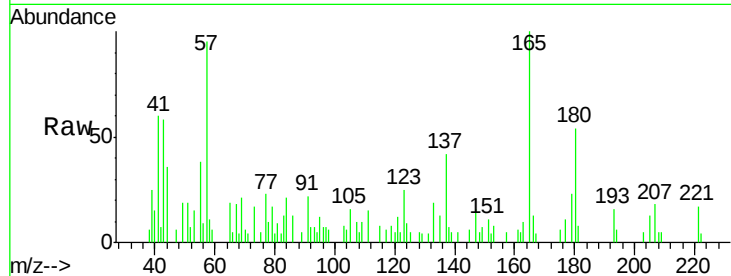




#45
 2,6-Dinitrotoluene
 Concen: 1.09 ng/ul
 RT: 13.87 min Scan# 1918
 Delta R.T. -0.04 min
 Lab File: BM005884.D
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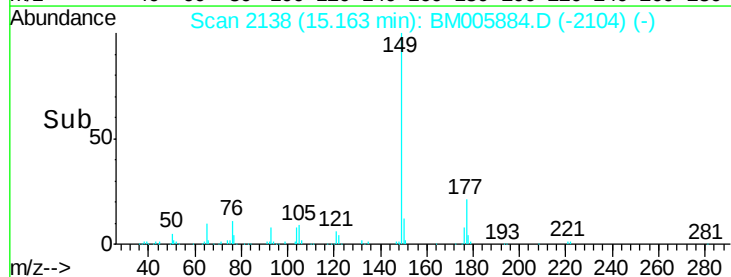
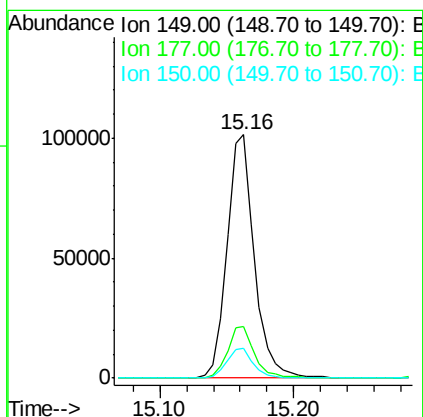
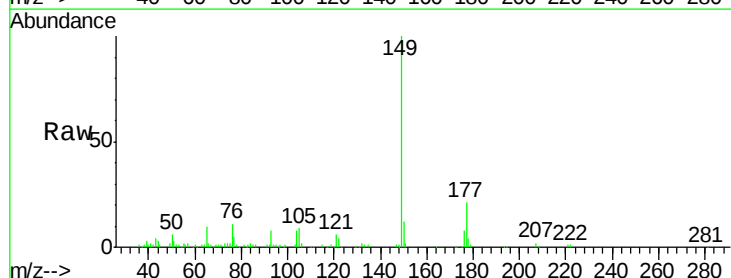
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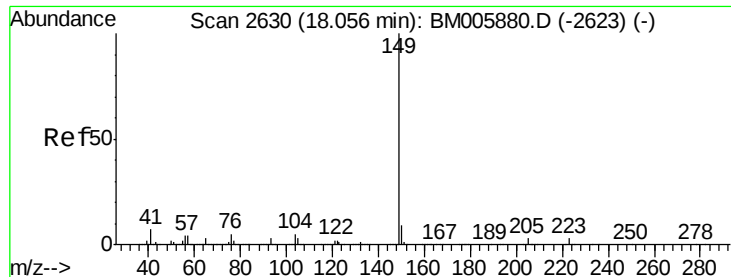
Tgt Ion:165 Resp: 11088
 Ion Ratio Lower Upper
 165 100
 89 4.8 53.6 80.4#
 121 11.9 19.2 28.8#



#56
 Diethylphthalate
 Concen: 2.21 ng/ul
 RT: 15.16 min Scan# 2138
 Delta R.T. 0.00 min
 Lab File: BM005884.D
 Acq: 21 Jun 2016 08:38

Tgt Ion:149 Resp: 145706
 Ion Ratio Lower Upper
 149 100
 177 21.0 17.4 26.0
 150 12.5 9.9 14.9





#73

Di-n-butylphthalate

Concen: 1.12 ng/ul

RT: 18.05 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BM005884.D

Acq: 21 Jun 2016 08:38

Instrument :

BNA_M

ClientSampleId :

C0AY3

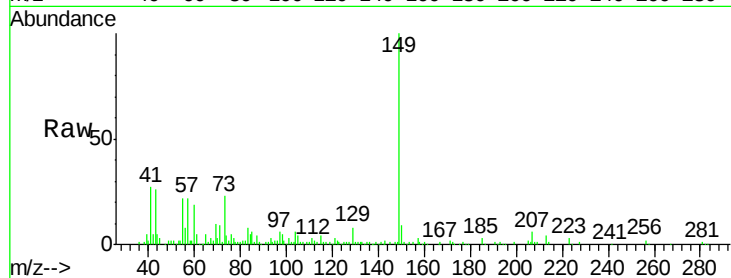
Tgt Ion:149 Resp: 132459

Ion Ratio Lower Upper

149 100

150 9.5 7.2 10.8

104 6.1 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

