

Data File : BM013931.D
Acq On : 28 Jan 2018 20:27
Operator : SJ/JU
Sample : J1295-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6C16

Quant Time: Jan 29 02:38:41 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	113067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	468605	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	303986	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	755743	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	759308	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	663240	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	14496	5.07	ng/uL	0.00
5) Phenol-d5	6.76	99	268575	30.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	175842	33.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	233271	32.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	242520	36.35	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	120294	33.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	135403	35.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	250638	33.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	288269	44.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	856502	34.19	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1067949	33.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	91417	22.45	ng/ul	0.00
57) Fluorene-d10	15.23	176	775895	35.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	107284	23.58	ng/ul	0.00
70) Anthracene-d10	17.09	188	1254077	34.07	ng/ul	0.00
76) Pyrene-d10	19.39	212	1467104	41.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1125887	36.93	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.79	94	17589	2.02	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.29	70	8236	1.53	ng/ul#	1
21) Isophorone	9.45	82	18820	1.24	ng/ul#	76
44) Dimethylphthalate	13.70	163	136492	5.54	ng/ul	98
68) Pentachlorophenol	16.65	266	9543	1.87	ng/ul#	89

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

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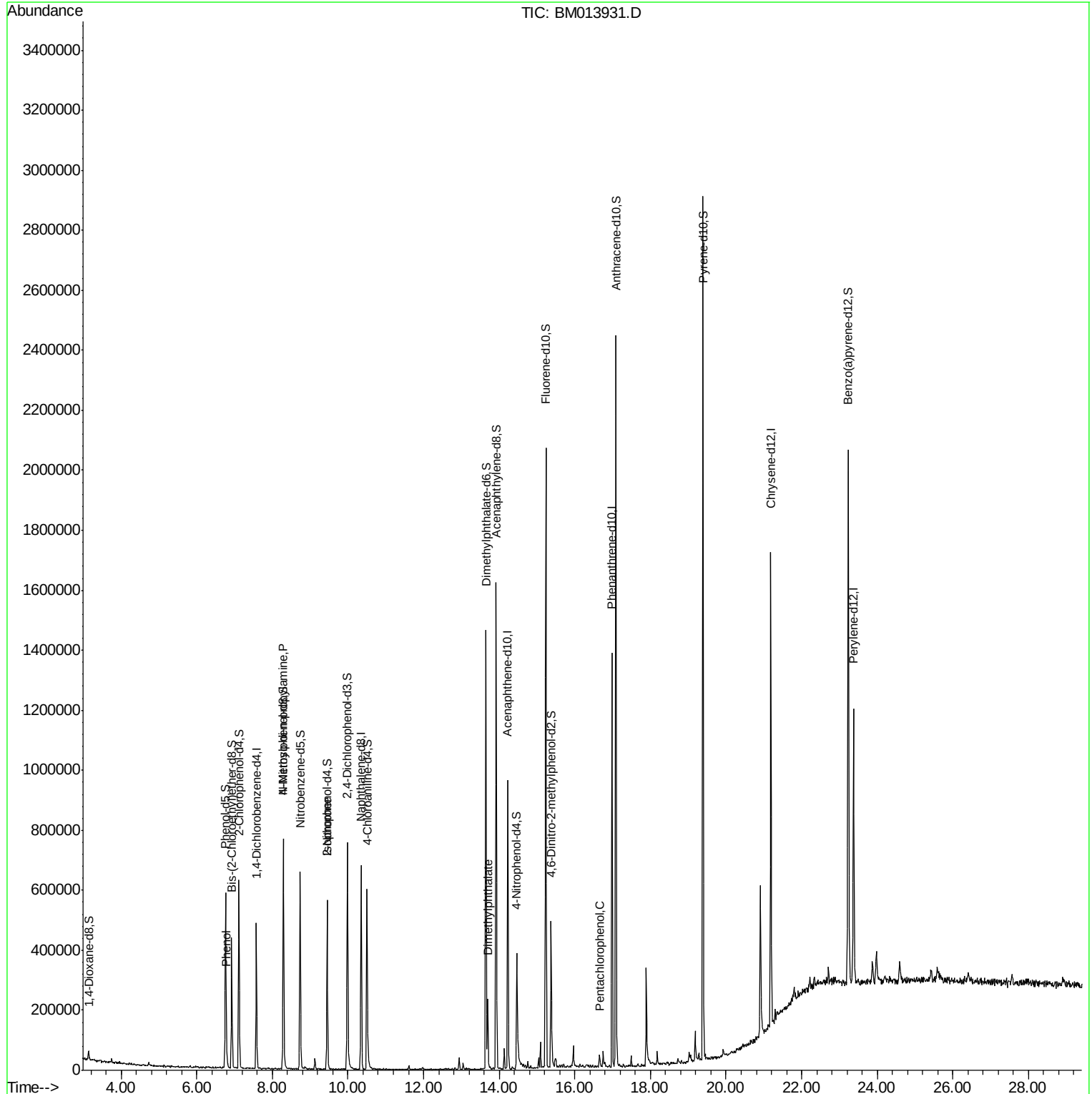
Quant Time: Jan 29 02:38:41 2018

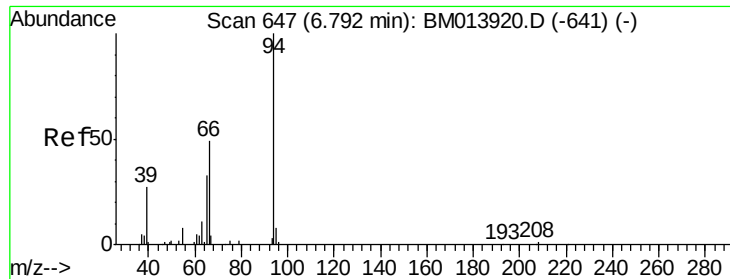
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

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#6

Phenol

Concen: 2.02 ng/ul

RT: 6.79 min Scan# 646

Delta R.T. -0.01 min

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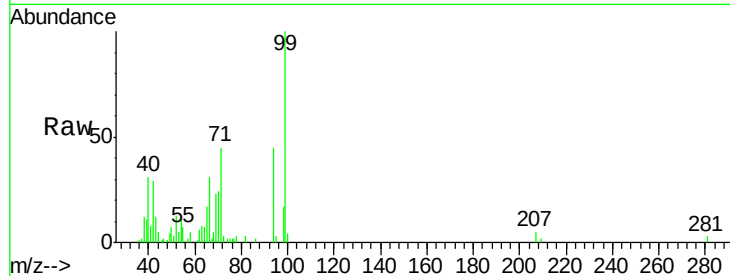
Tgt Ion: 94 Resp: 17589

Ion Ratio Lower Upper

94 100

65 37.3 28.2 42.4

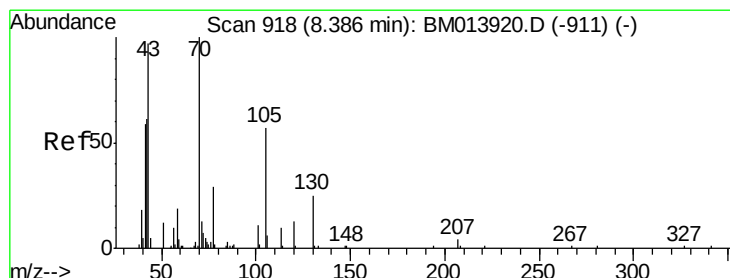
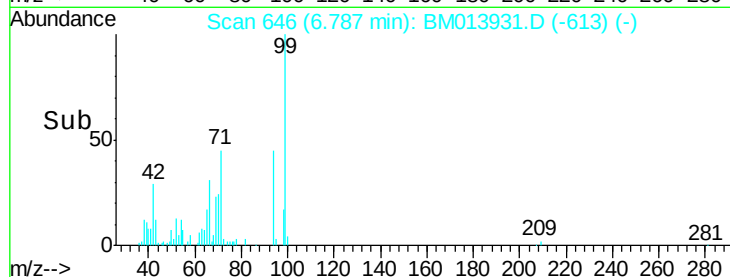
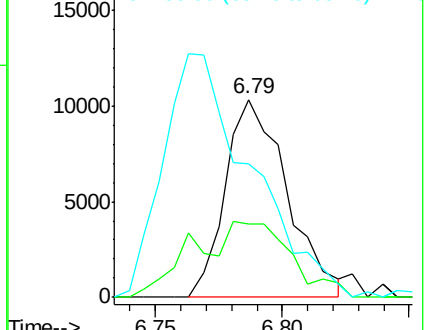
66 67.5 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013920.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013920.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013920.D (-641) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.53 ng/ul

RT: 8.29 min Scan# 902

Delta R.T. -0.09 min

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Acq: 28 Jan 2018 20:27

Tgt Ion: 70 Resp: 8236

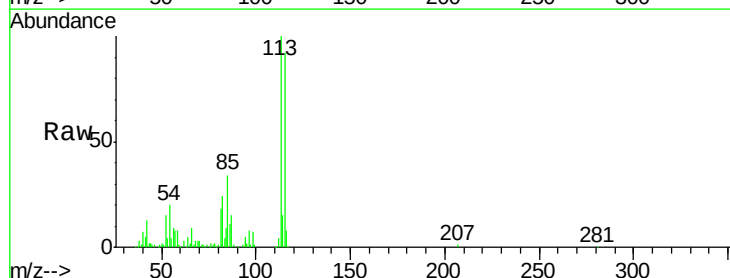
Ion Ratio Lower Upper

70 100

42 424.0 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

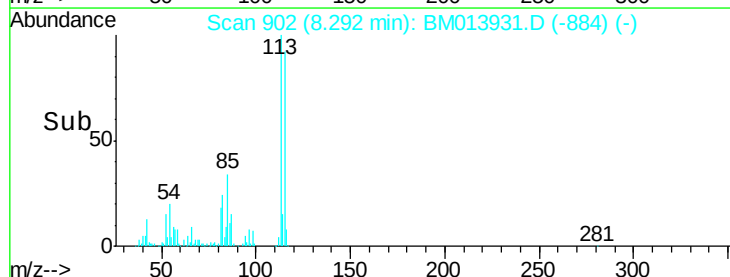
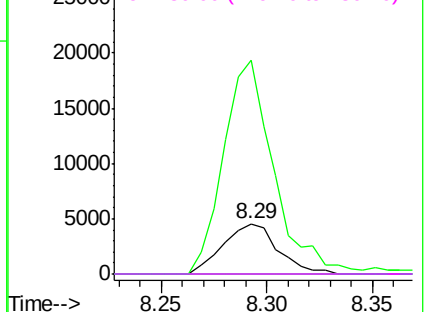


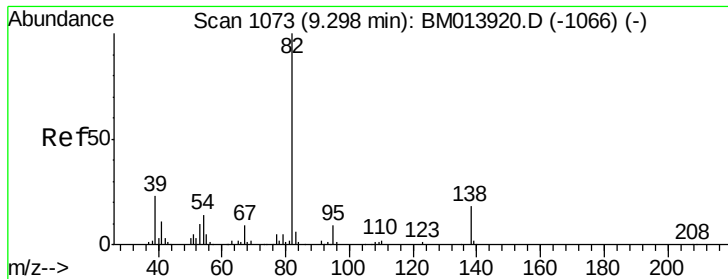
Abundance Ion 70.00 (69.70 to 70.70): BM013920.D (-911) (-)

Ion 42.00 (41.70 to 42.70): BM013920.D (-911) (-)

Ion 101.00 (100.70 to 101.70): BM013920.D (-911) (-)

Ion 130.00 (129.70 to 130.70): BM013920.D (-911) (-)





#21

Isophorone

Concen: 1.24 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. 0.15 min

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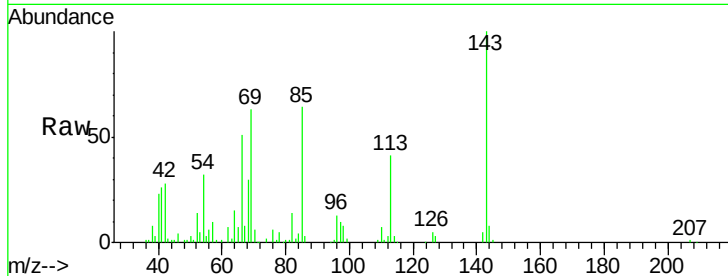
Tgt Ion: 82 Resp: 18820

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

138 0.0 11.9 17.9#

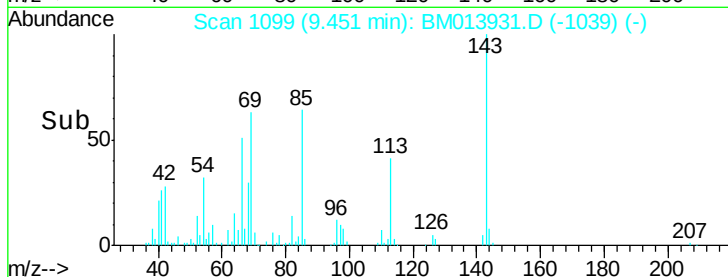


Abundance Ion 82.00 (81.70 to 82.70): BM013920.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM013920.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM013920.D (-1066) (-)

Time-->

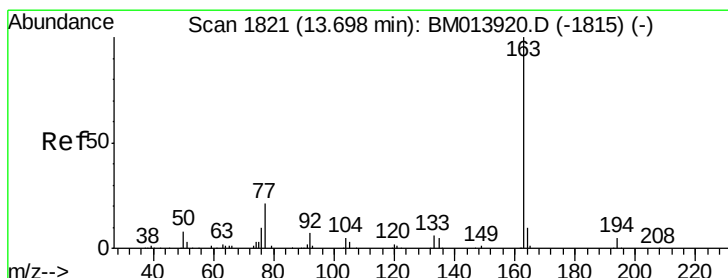


Abundance Ion 82.00 (81.70 to 82.70): BM013931.D (-1039) (-)

Ion 95.00 (94.70 to 95.70): BM013931.D (-1039) (-)

Ion 138.00 (137.70 to 138.70): BM013931.D (-1039) (-)

Time-->



#44

Dimethylphthalate

Concen: 5.54 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM013931.D

Acq: 28 Jan 2018 20:27

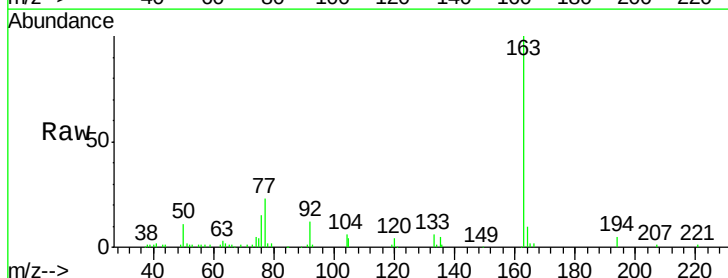
Tgt Ion: 163 Resp: 136492

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

164 9.6 8.2 12.4

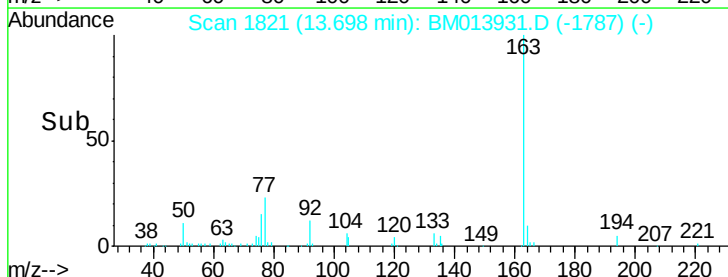


Abundance Ion 163.00 (162.70 to 163.70): BM013920.D (-1815) (-)

Ion 194.00 (193.70 to 194.70): BM013920.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM013920.D (-1815) (-)

Time-->

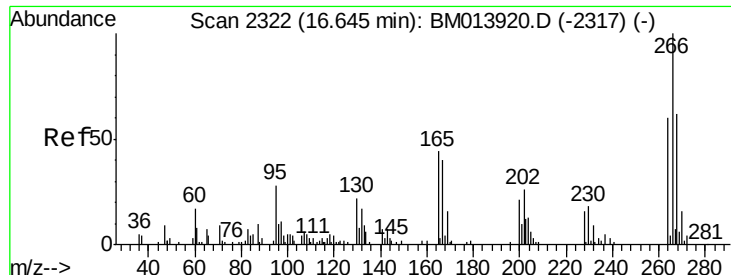


Abundance Ion 163.00 (162.70 to 163.70): BM013931.D (-1787) (-)

Ion 194.00 (193.70 to 194.70): BM013931.D (-1787) (-)

Ion 164.00 (163.70 to 164.70): BM013931.D (-1787) (-)

Time-->



#68

Pentachlorophenol

Concen: 1.87 ng/ul

RT: 16.65 min Scan# 2323

Delta R.T. 0.01 min

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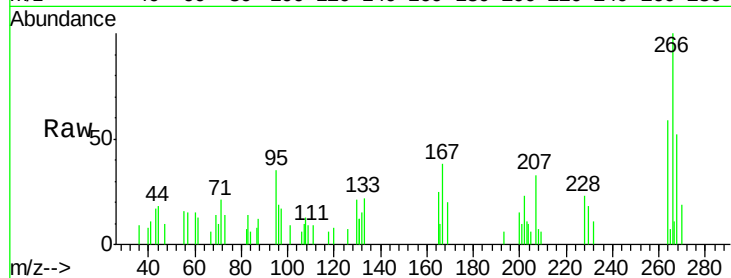
Tgt Ion: 266 Resp: 9543

Ion Ratio Lower Upper

266 100

264 58.7 49.3 73.9

268 52.3 52.6 78.8#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

