

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
 Data File : BN009948.D
 Acq On : 27 Feb 2020 03:43
 Operator : CG/JU
 Sample : L1612-18
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 27 07:19:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	99256	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	421525	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	279802	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	589175	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	586430	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	599599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	4374	1.81	ng/uL	0.00
5) Phenol-d5	6.59	99	74910	8.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	62308	10.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	65682	10.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	57672	8.59	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	30745	9.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	31567	9.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	54229	8.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.30	131	73337	10.06	ng/ul	0.02
44) Dimethylphthalate-d6	13.45	166	233396	11.17	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	252096	10.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	12902	3.38	ng/ul	0.04
58) Fluorene-d10	15.03	176	200628	11.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	16958	4.63	ng/ul	0.01
71) Anthracene-d10	16.88	188	309481	11.46	ng/ul	0.00
79) Pyrene-d10	19.19	212	362572	11.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	358032	11.96	ng/ul	0.00

Target Compounds

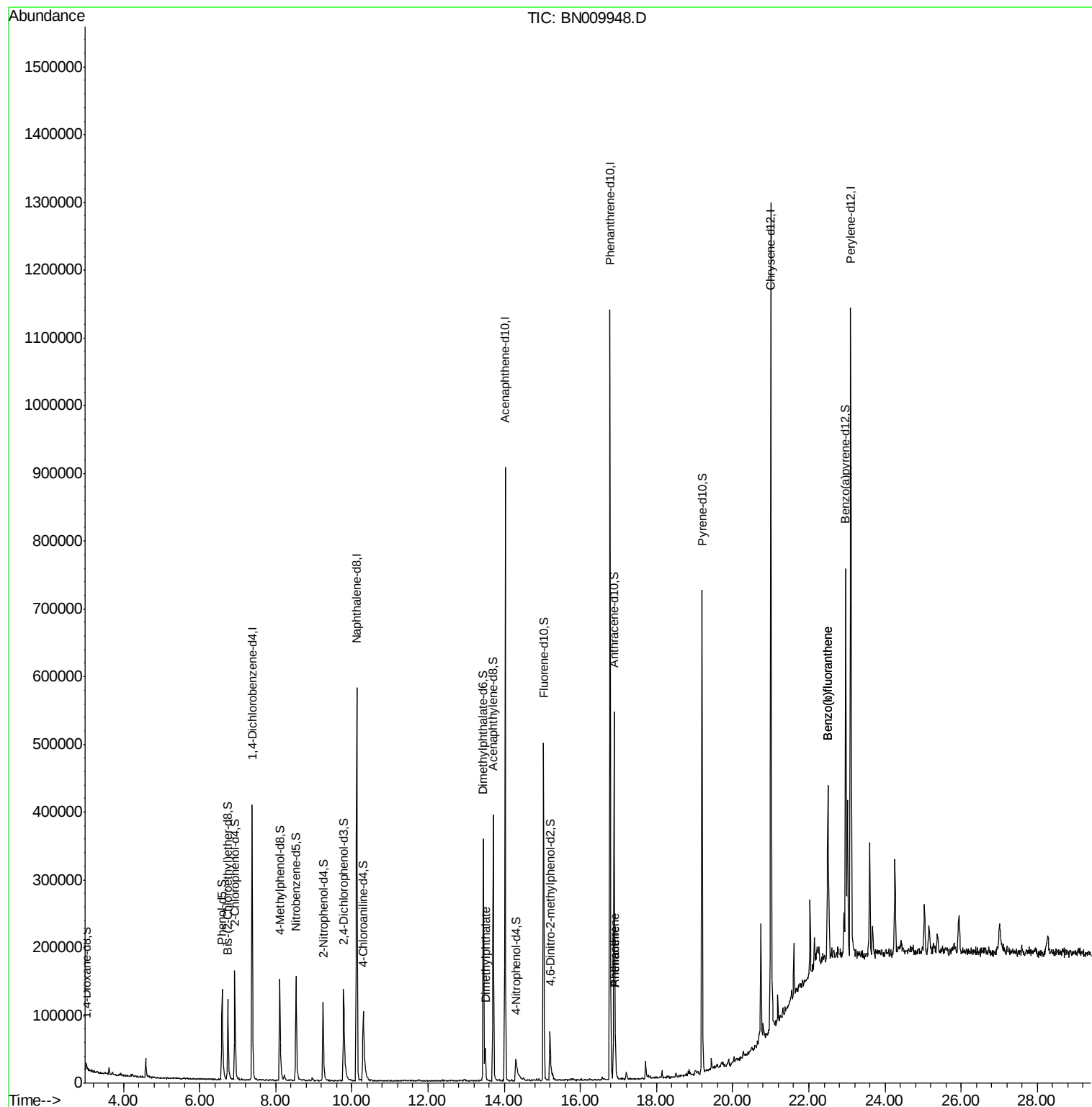
				Ovalue	
45) Dimethylphthalate	13.50	163	28229	1.294	ng/ul# 99
70) Phenanthrene	16.92	178	35213	1.047	ng/ul 97
72) Anthracene	16.92	178	35213	1.024	ng/ul 97
88) Benzo(b)fluoranthene	22.49	252	90235	2.321	ng/ul 97
89) Benzo(k)fluoranthene	22.49	252	90254	2.452	ng/ul 96

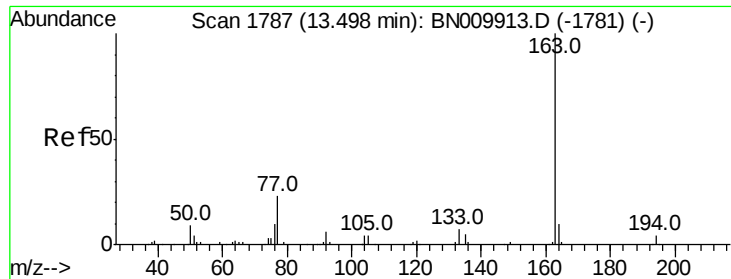
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.294 ng/ul

RT: 13.50 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BN009948.D

Acq: 27 Feb 2020 03:43

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ClientSampleId :

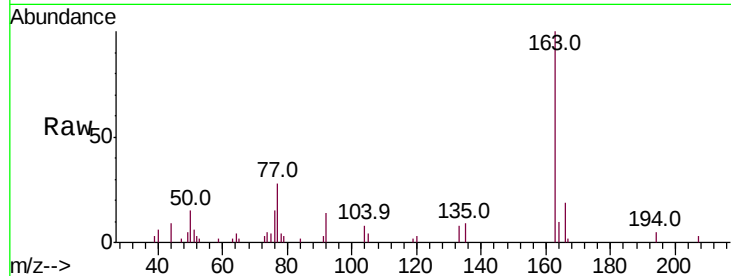
Tot Ion:163 Resp: 28229

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.0#

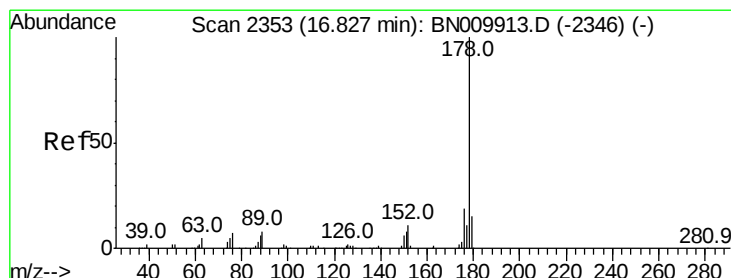
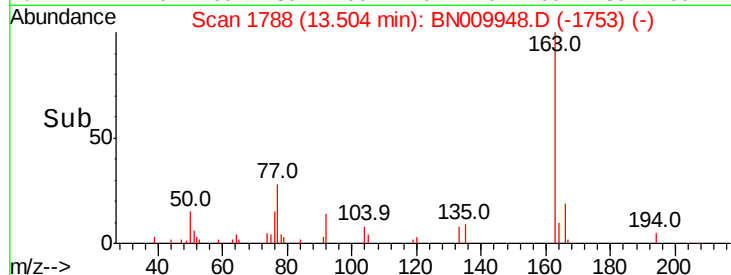
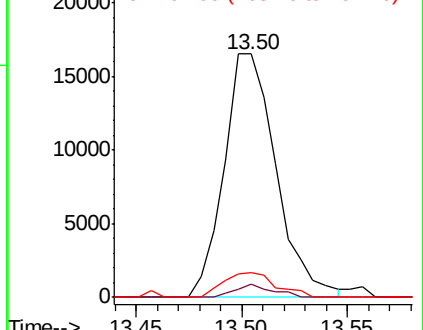
164 10.2 8.0 12.0



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



#70

Phenanthrene

Concen: 1.047 ng/ul

RT: 16.92 min Scan# 2369

Delta R.T. 0.09 min

Lab File: BN009948.D

Acq: 27 Feb 2020 03:43

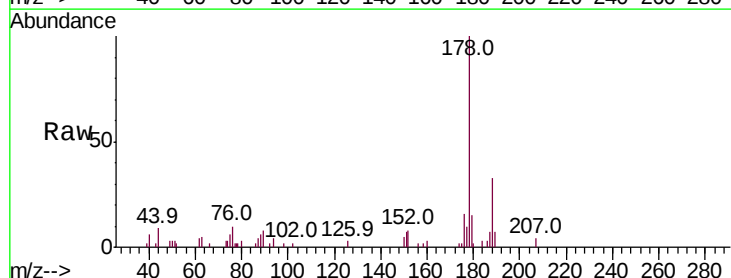
Tgt Ion:178 Resp: 35213

Ion Ratio Lower Upper

178 100

179 14.8 12.5 18.7

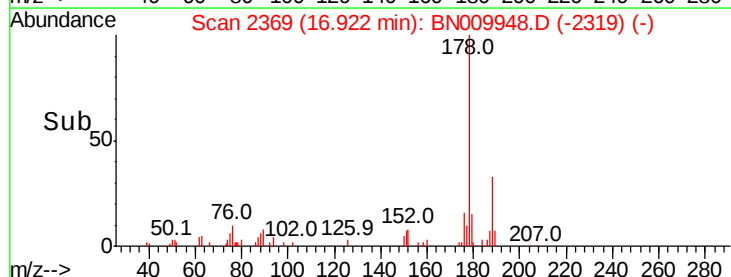
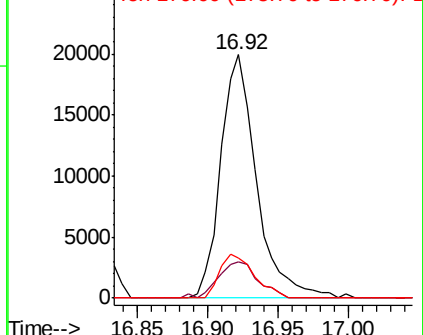
176 16.4 14.6 22.0

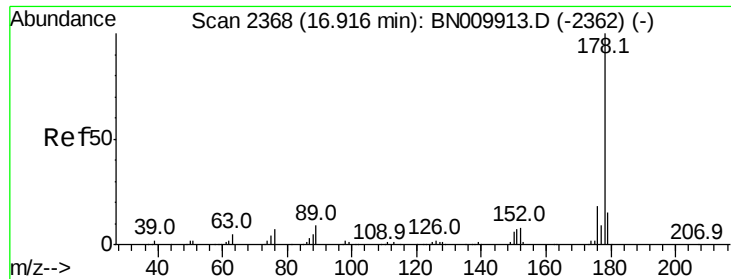


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.024 ng/ul

RT: 16.92 min Scan# 2369

Delta R.T. 0.01 min

Lab File: BN009948.D

Acq: 27 Feb 2020 03:43

Instrument :

BNA_N

ClientSampleId :

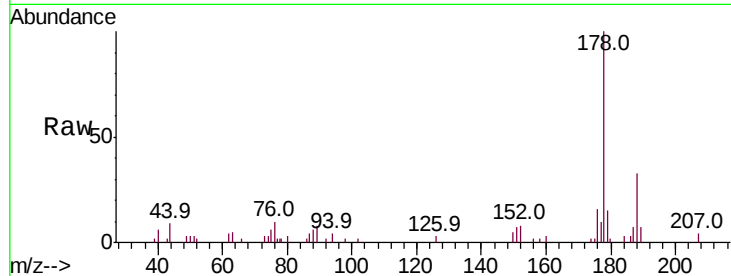
Tot Ion:178 Resp: 35213

Ion Ratio Lower Upper

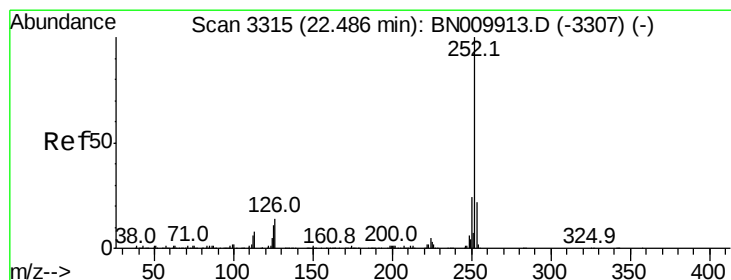
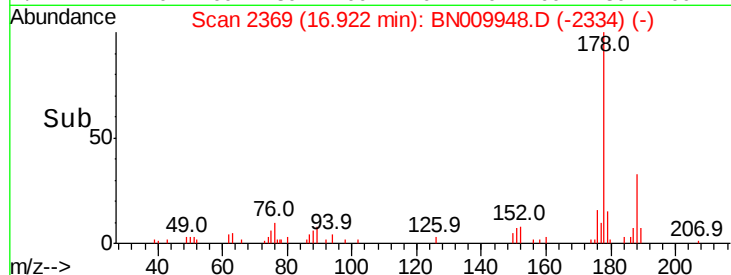
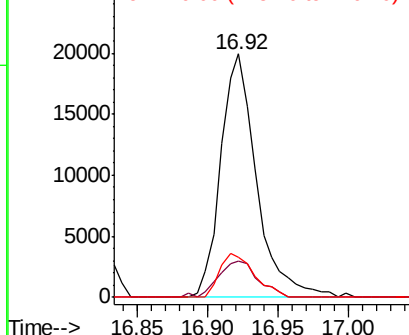
178 100

179 14.8 12.2 18.2

176 16.4 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#88

Benzo(b)fluoranthene

Concen: 2.321 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. 0.01 min

Lab File: BN009948.D

Acq: 27 Feb 2020 03:43

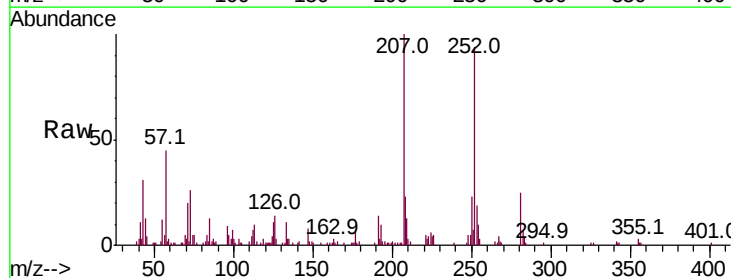
Tgt Ion:252 Resp: 90235

Ion Ratio Lower Upper

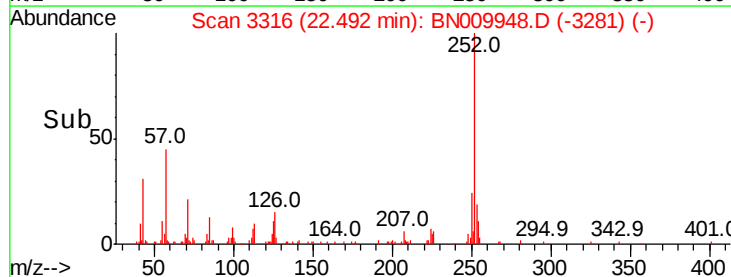
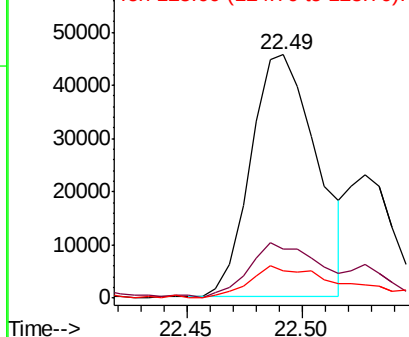
252 100

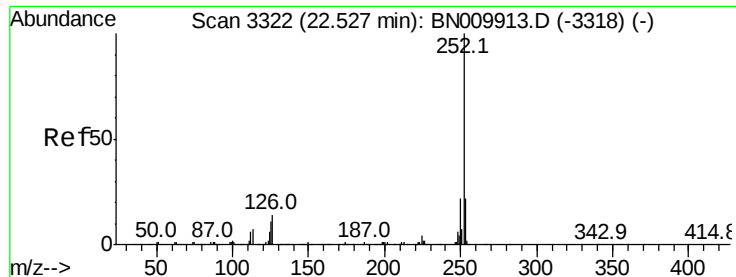
253 20.2 17.0 25.4

125 11.3 8.0 12.0



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





#89

Benzo(k)fluoranthene

Concen: 2.452 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. -0.04 min

Lab File: BN009948.D

Acq: 27 Feb 2020 03:43

Instrument :

BNA_N

ClientSampleId :

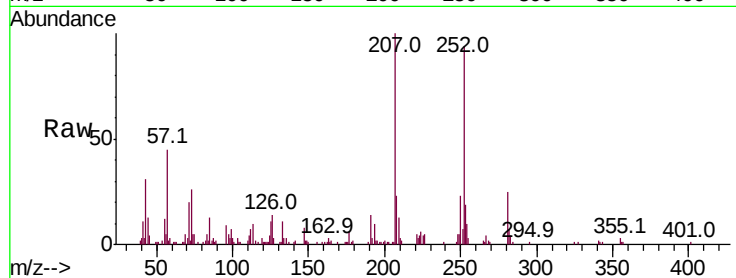
Tot Ion:252 Resp: 90254

Ion Ratio Lower Upper

252 100

253 20.2 18.0 27.0

125 11.3 8.2 12.2



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

