

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031716\
 Data File : BM004669.D
 Acq On : 17 Mar 2016 16:45
 Operator : UM/SJ
 Sample : H1783-02DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA2DL

Quant Time: Mar 18 05:53:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 18 05:06:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	55183	20.00	ng/ul	0.02
18) Naphthalene-d8	10.64	136	268509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	149002	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	341458	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	375056	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	356359	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	6144	1.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	18500	7.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	19827	5.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	12019	3.29	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	10997	5.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	11177	5.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	20746	5.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	1252	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	76365	6.56	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	91963	6.44	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	1395	0.62	ng/ul	0.00
58) Fluorene-d10	15.47	176	68204	6.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	5631	3.14	ng/ul	0.00
71) Anthracene-d10	17.32	188	105241	6.69	ng/ul	0.00
79) Pyrene-d10	19.61	212	117772	6.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	118592	7.45	ng/ul	0.00

Target Compounds

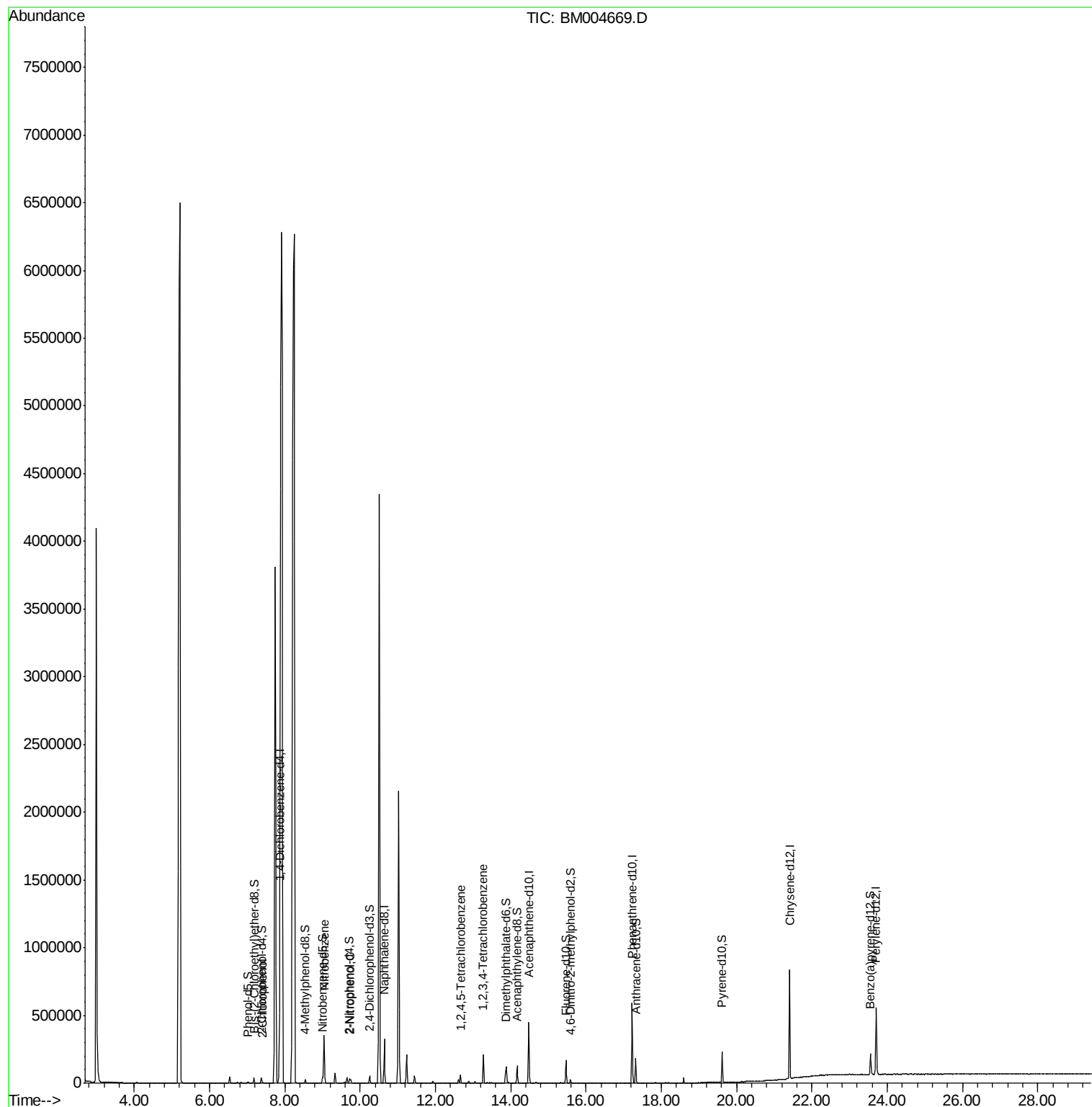
						Qvalue
10) 2-Chlorophenol	7.41	128	3954	1.03	ng/ul	97
20) Nitrobenzene	9.04	77	200876	43.59	ng/ul	97
23) 2-Nitrophenol	9.75	139	10126	4.53	ng/ul	92
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	20839	4.38	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	63579	13.53	ng/uL	99

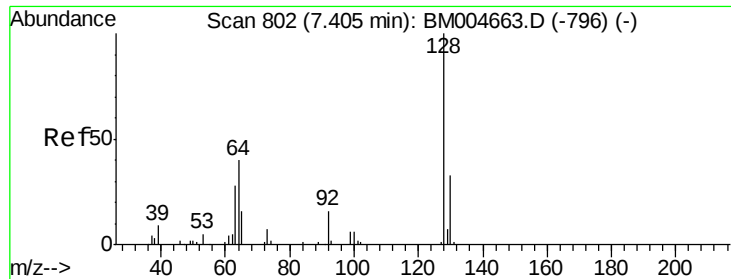
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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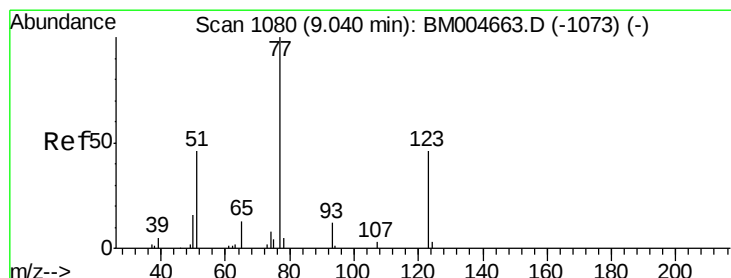
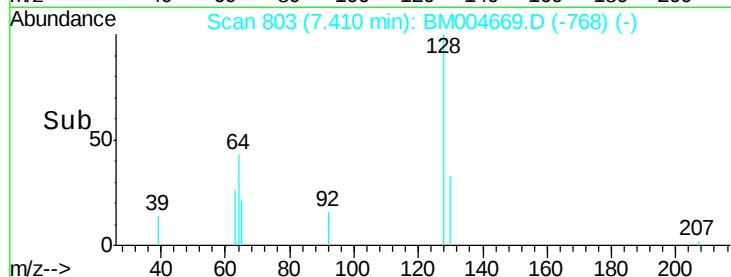
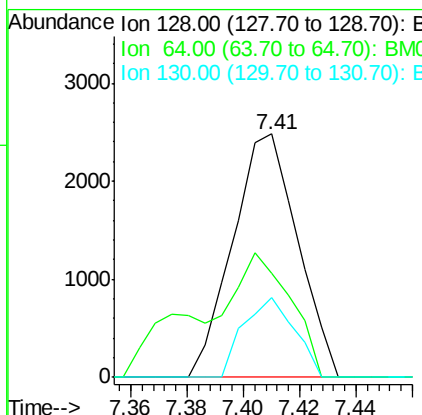
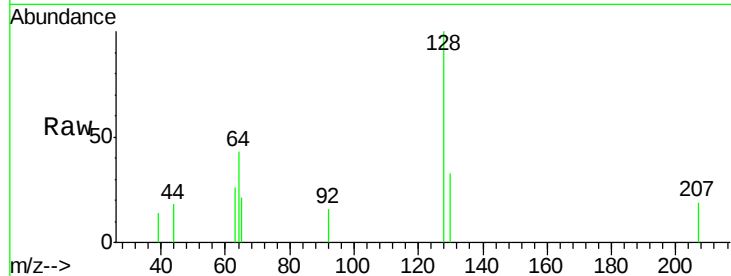




#10
2-Chlorophenol
Concen: 1.03 ng/ul
RT: 7.41 min Scan# 803
Delta R.T. 0.01 min
Lab File: BM004669.D
Acq: 17 Mar 2016 16:45

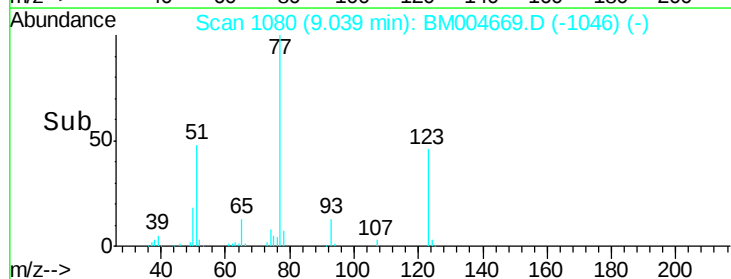
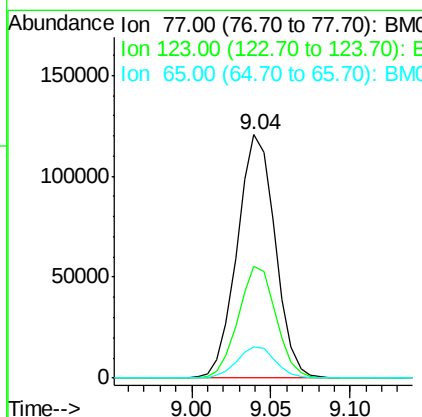
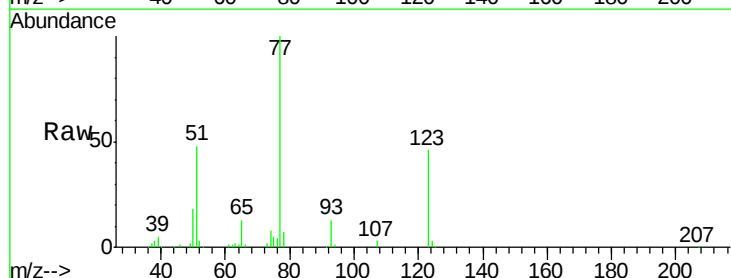
Instrument :
BNA_M
ClientSampleId :
C0AA2DL

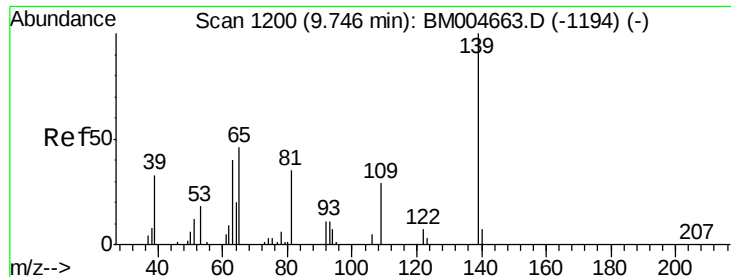
Tgt Ion:128 Resp: 3954
Ion Ratio Lower Upper
128 100
64 42.6 31.9 47.9
130 32.9 25.6 38.4



#20
Nitrobenzene
Concen: 43.59 ng/ul
RT: 9.04 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BM004669.D
Acq: 17 Mar 2016 16:45

Tgt Ion: 77 Resp: 200876
Ion Ratio Lower Upper
77 100
123 46.1 39.0 58.4
65 13.0 10.4 15.6





#23

2-Nitrophenol

Concen: 4.53 ng/ul

RT: 9.75 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Instrument :

BNA_M

ClientSampleId :

C0AA2DL

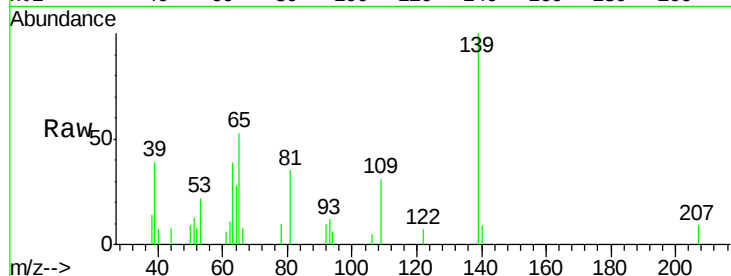
Tgt Ion:139 Resp: 10126

Ion Ratio Lower Upper

139 100

65 52.6 36.3 54.5

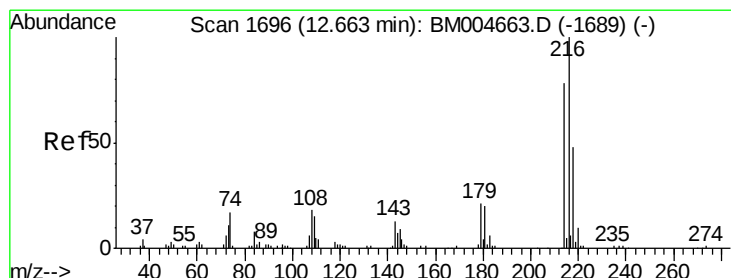
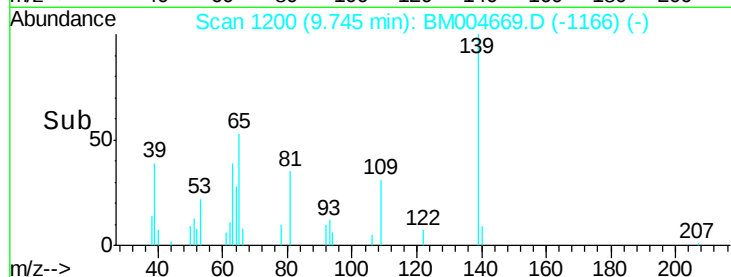
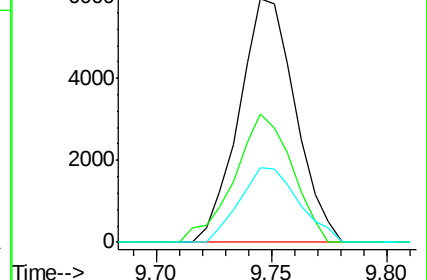
109 30.9 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 109.00 (108.70 to 109.70): E



#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.38 ng/ul

RT: 12.66 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Tgt Ion:216 Resp: 20839

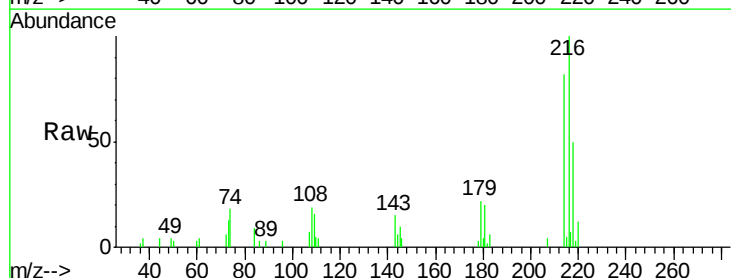
Ion Ratio Lower Upper

216 100

214 81.7 62.5 93.7

179 21.6 18.2 27.2

108 18.8 14.2 21.2

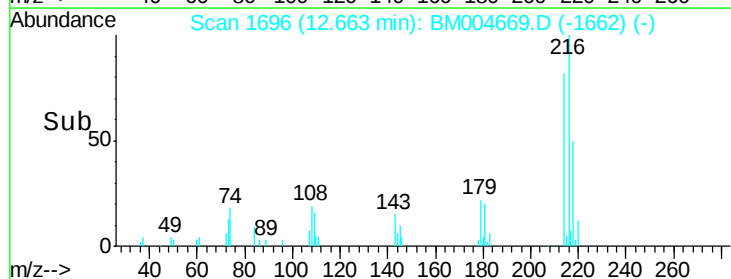
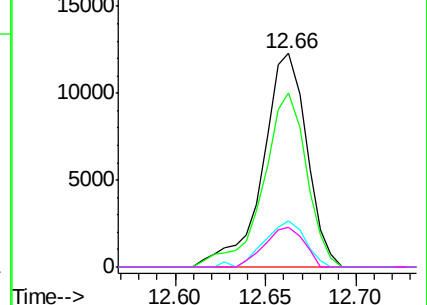


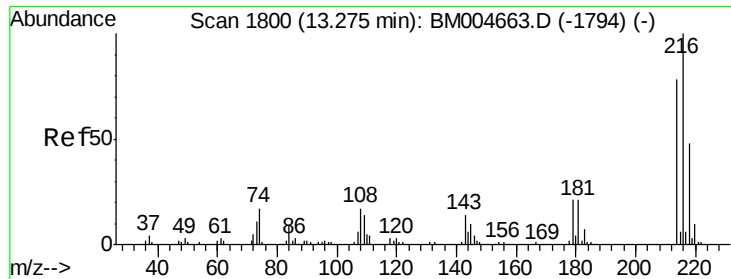
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#73

1,2,3,4-Tetrachlorobenzene

Concen: 13.53 ng/uL

RT: 13.27 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BM004669.D

Acq: 17 Mar 2016 16:45

Instrument :

BNA_M

ClientSampleId :

C0AA2DL

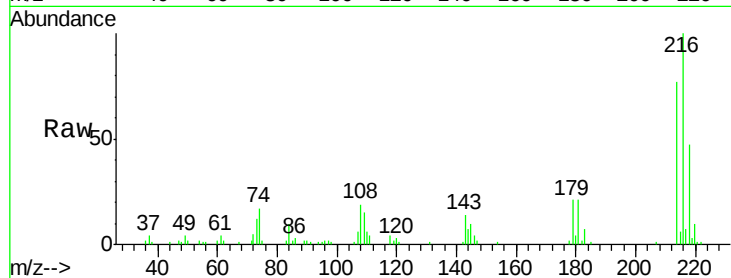
Tgt Ion:216 Resp: 63579

Ion Ratio Lower Upper

216 100

214 76.6 62.5 93.7

218 47.5 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

