

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032017\
 Data File : BM009303.D
 Acq On : 20 Mar 2017 19:59
 Operator : SJ/MA
 Sample : I2303-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BM8

Quant Time: Mar 21 03:10:09 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 21 03:09:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	95317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	434099	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	294084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	758665	20.00	ng/ul	0.00
77) Chrysene-d12	21.43	240	1201480	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1228455	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.34	96	11995	5.54	ng/uL	0.00
5) Phenol-d5	7.03	99	51939	5.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	204859	30.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	147426	23.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	112258	13.65	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	104987	33.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	112955	32.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	206871	28.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	10119	1.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	832378	37.27	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	989631	38.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	23040	5.20	ng/ul	0.00
57) Fluorene-d10	15.50	176	773421	38.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	138062	30.42	ng/ul	0.00
70) Anthracene-d10	17.36	188	1391073	38.74	ng/ul	0.00
78) Pyrene-d10	19.65	212	1752577	36.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	2086607	37.13	ng/ul	0.00

Target Compounds

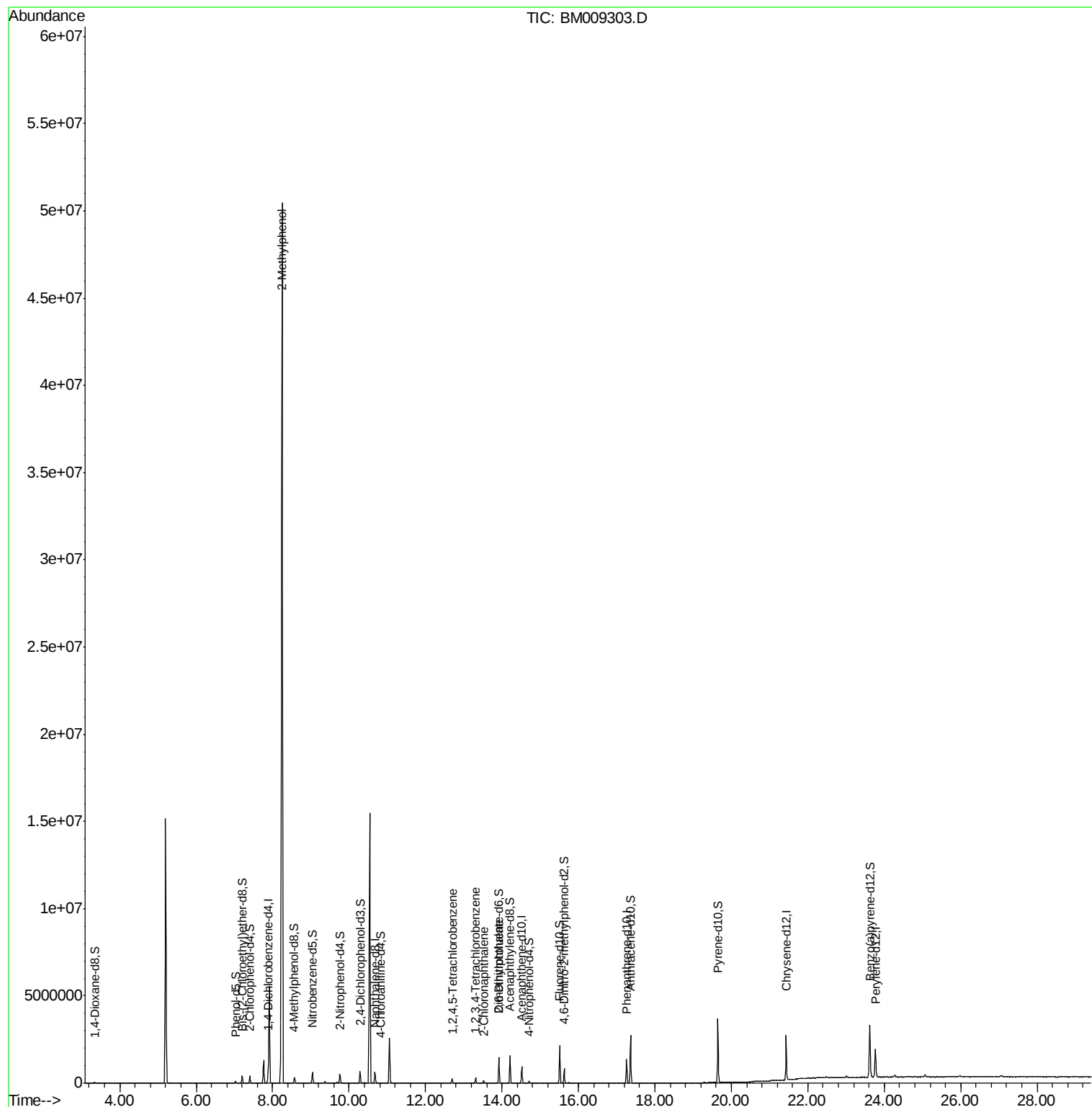
						Ovalue
11) 2-Methylphenol	8.25	108	204523	25.64	ng/ul	91
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	73672	8.33	ng/ul	97
41) 2-Chloronaphthalene	13.52	162	46533	2.92	ng/ul#	43
45) 2,6-Dinitrotoluene	13.92	165	4870	1.13	ng/ul#	45
72) 1,2,3,4-Tetrachlorobenzene	13.31	216	76423	8.57	ng/uL	96

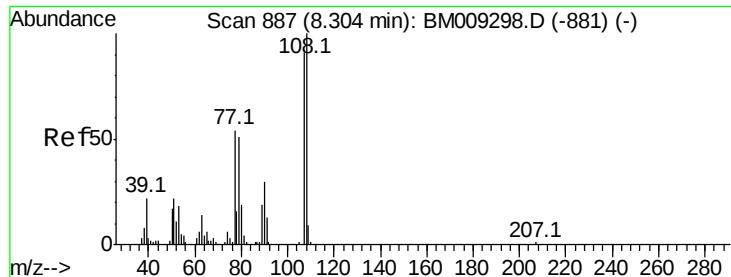
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 25.64 ng/ul

RT: 8.25 min Scan# 877

Delta R.T. -0.06 min

Lab File: BM009303.D

Acq: 20 Mar 2017 19:59

Instrument :

BNA_M

ClientSampleId :

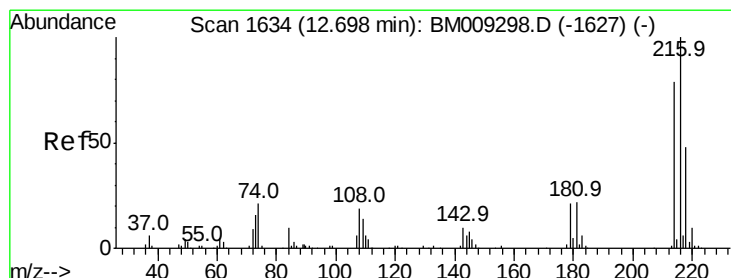
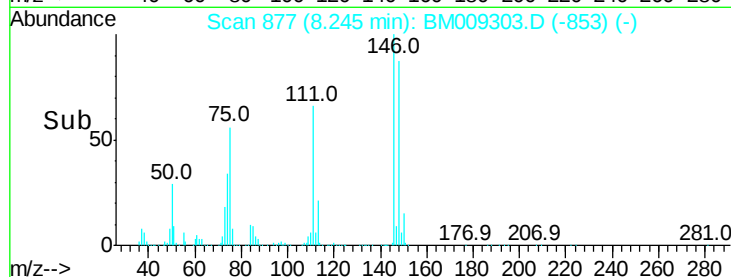
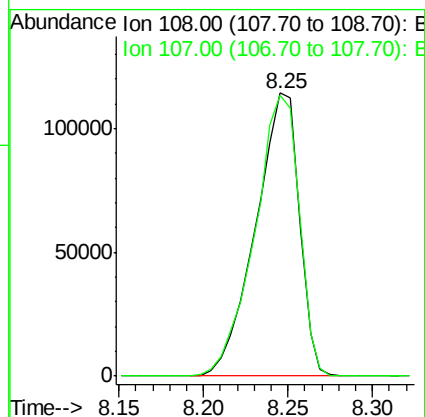
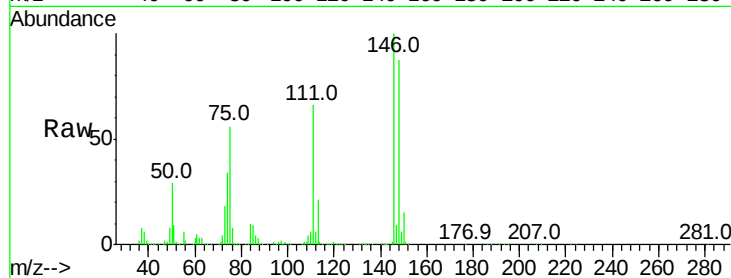
C0BM8

Tot Ion:108 Resp: 204523

Ion Ratio Lower Upper

108 100

107 99.4 72.4 108.6



#36

1,2,4,5-Tetrachlorobenzene

Concen: 8.33 ng/ul

RT: 12.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BM009303.D

Acq: 20 Mar 2017 19:59

Tgt Ion:216 Resp: 73672

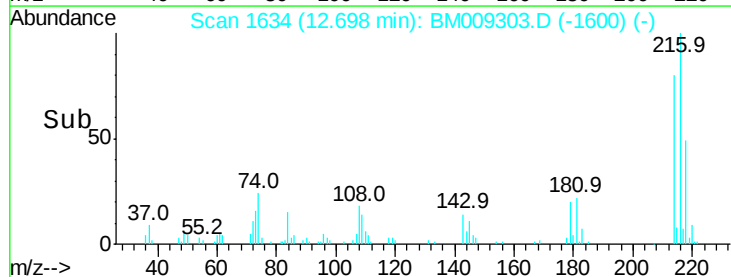
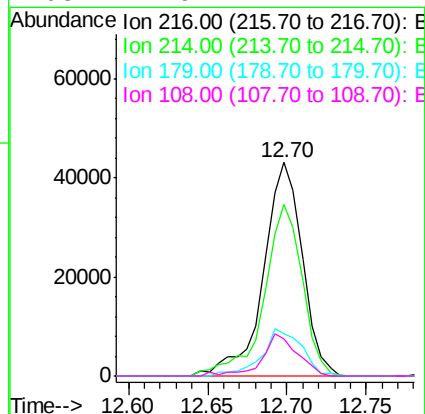
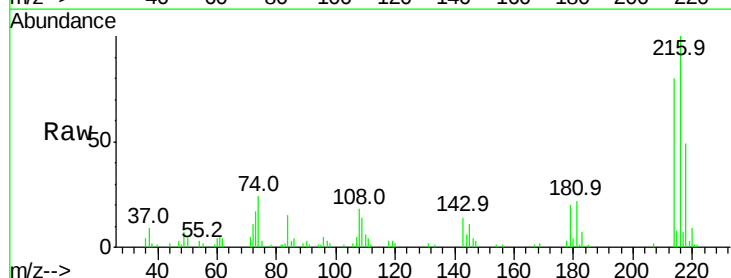
Ion Ratio Lower Upper

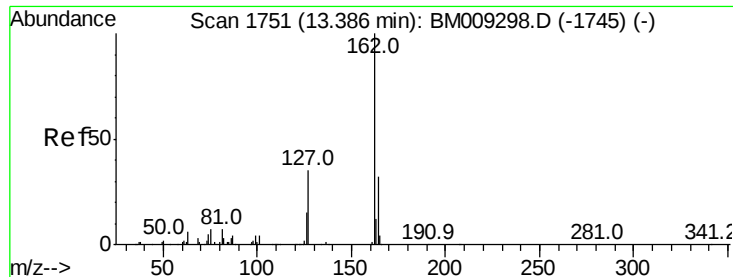
216 100

214 80.3 62.5 93.7

179 19.7 18.2 27.2

108 17.6 14.2 21.2

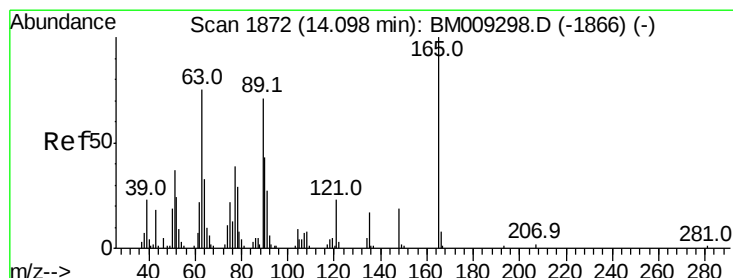
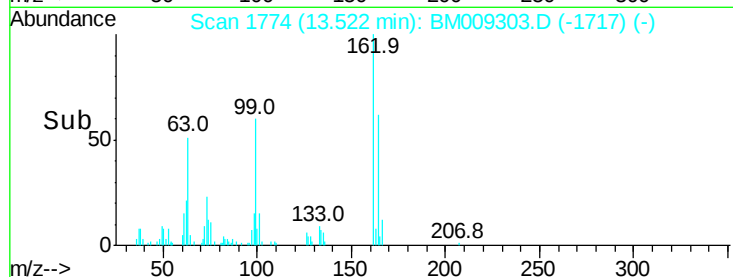
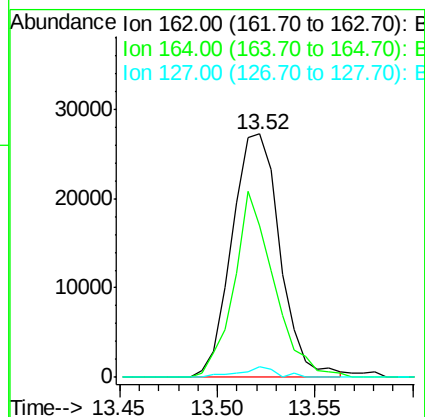
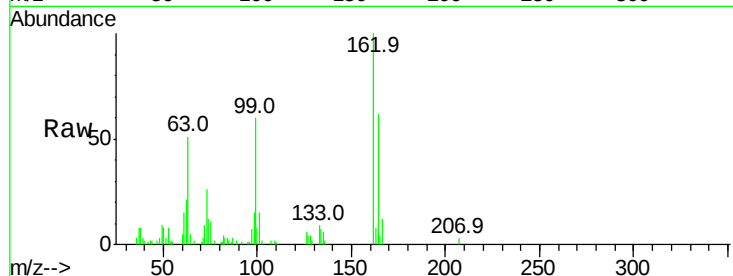




#41
 2-Chloronaphthalene
 Concen: 2.92 ng/ul
 RT: 13.52 min Scan# 1774
 Delta R.T. 0.14 min
 Lab File: BM009303.D
 Acq: 20 Mar 2017 19:59

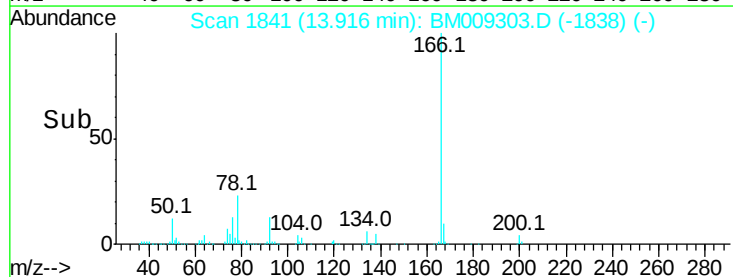
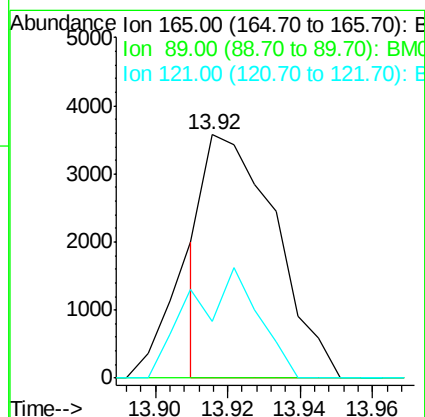
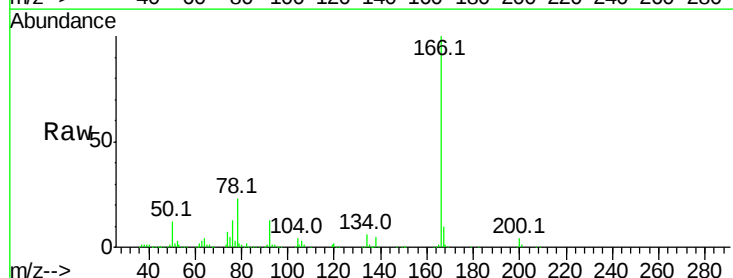
Instrument :
 BNA_M
 ClientSampled :
 COBM8

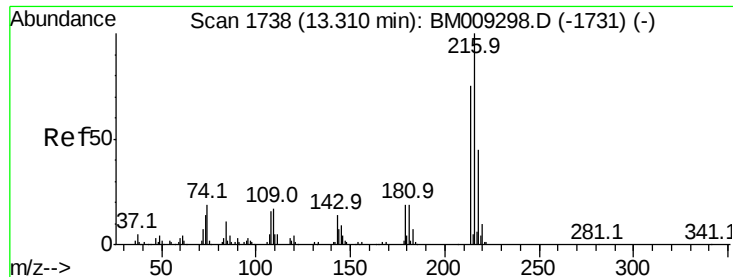
Tot Ion:162 Resp: 46533
 Ion Ratio Lower Upper
 162 100
 164 62.2 25.9 38.9#
 127 4.4 34.1 51.1#



#45
 2,6-Dinitrotoluene
 Concen: 1.13 ng/ul
 RT: 13.92 min Scan# 1841
 Delta R.T. -0.18 min
 Lab File: BM009303.D
 Acq: 20 Mar 2017 19:59

Tgt Ion:165 Resp: 4870
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 23.5 16.6 24.8





#72

1,2,3,4-Tetrachlorobenzene

Concen: 8.57 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BM009303.D

Acq: 20 Mar 2017 19:59

Instrument :

BNA_M

ClientSampleId :

C0BM8

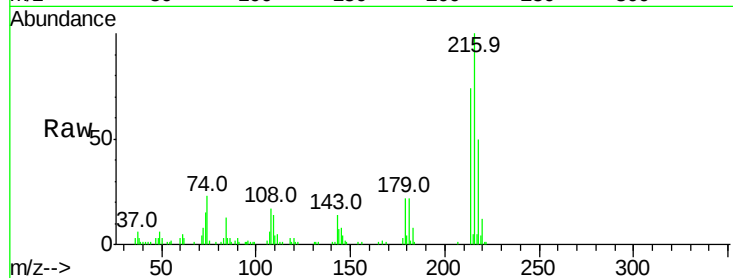
Tot Ion:216 Resp: 76423

Ion Ratio Lower Upper

216 100

214 74.3 62.5 93.7

218 50.1 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

