

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071318\
 Data File : BN002043.D
 Acq On : 13 Jul 2018 20:27
 Operator : JU/SJ
 Sample : J3847-03DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 14 01:01:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 14 00:59:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	390656	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	1840372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1116896	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2613854	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	2970890	20.00	ng/ul	-0.02
85) Perylene-d12	23.52	264	3050316	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	12918	1.49	ng/uL	0.00
5) Phenol-d5	6.89	99	56665	1.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	176296	7.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	177144	6.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	104163	3.52	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	113111	7.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	124068	7.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	202866	6.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	2629	0.07	ng/ul	-0.12
43) Dimethylphthalate-d6	13.75	166	764757	8.08	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	889518	7.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	22340	1.24	ng/ul	0.00
57) Fluorene-d10	15.33	176	668698	8.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	93495	5.49	ng/ul	0.00
70) Anthracene-d10	17.09	188	2613854	20.51	ng/ul	-0.10
78) Pyrene-d10	19.48	212	1239279	8.02	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.37	264	1373310	8.34	ng/ul	-0.03

Target Compounds

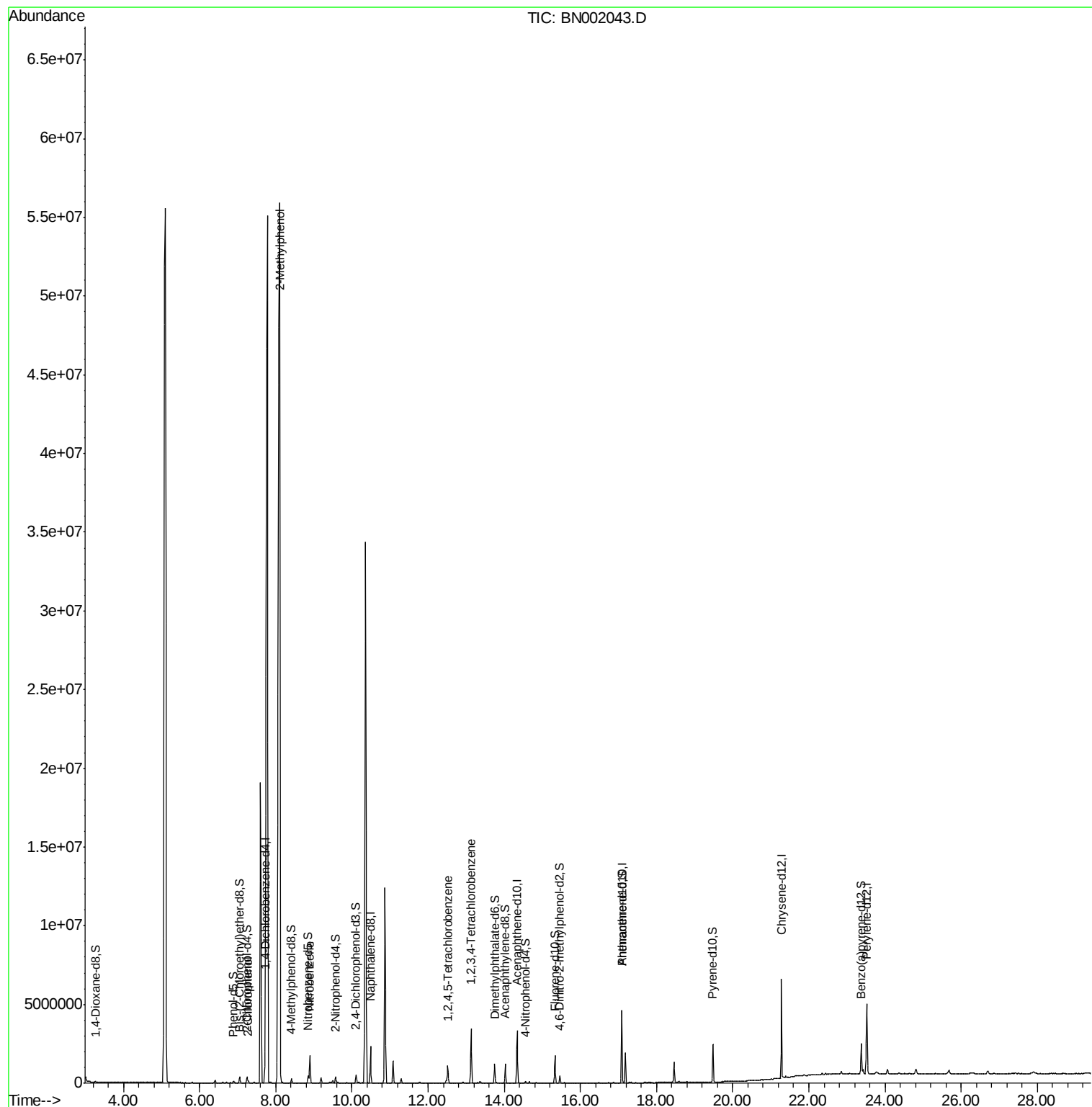
					Ovalue	
10) 2-Chlorophenol	7.28	128	45705	1.577	ng/ul#	85
11) 2-Methylphenol	8.10	108	391971	13.795	ng/ul	100
20) Nitrobenzene	8.90	77	974614	27.772	ng/ul	97
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	378255	10.444	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	1050467	26.952	ng/uL	99

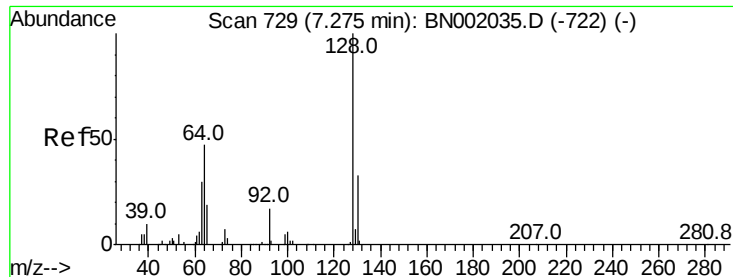
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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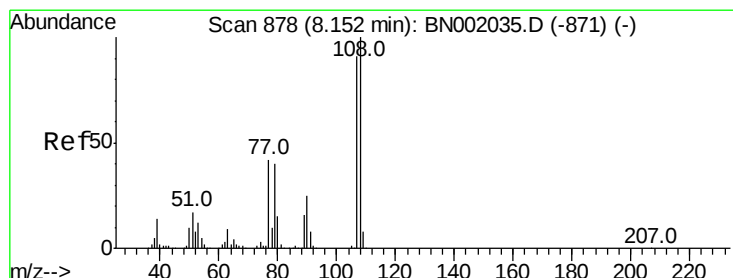
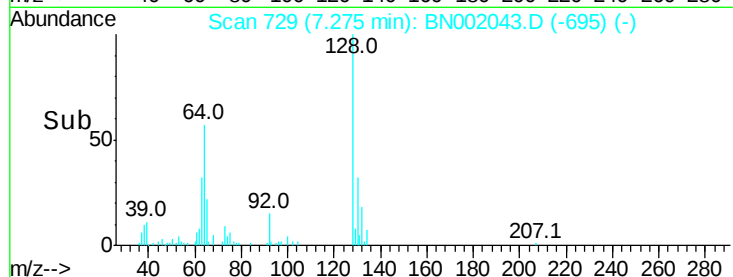
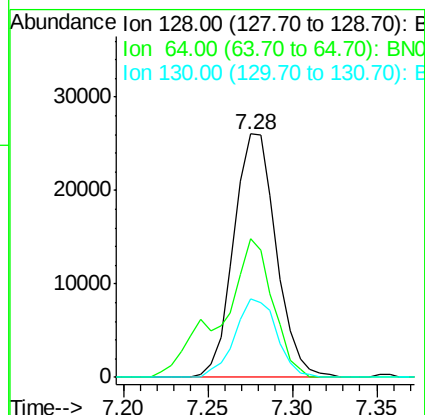
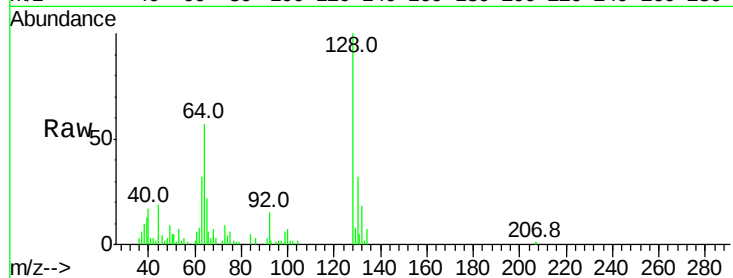




#10
2-Chlorophenol
Concen: 1.577 ng/ul
RT: 7.28 min Scan# 729
Delta R.T. 0.00 min
Lab File: BN002043.D
Acq: 13 Jul 2018 20:27

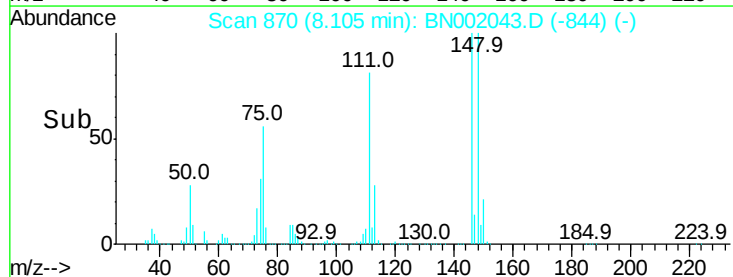
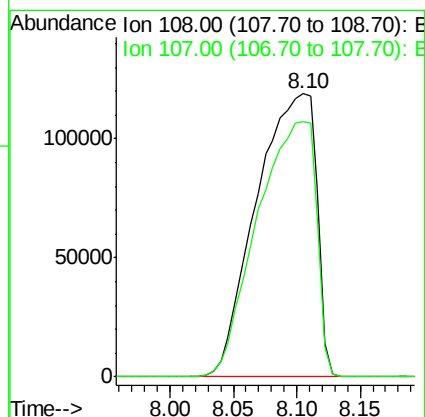
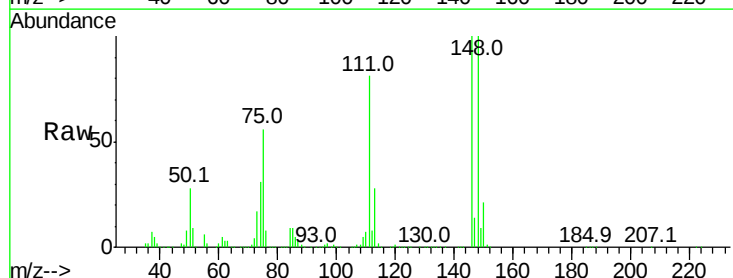
Instrument :
BNA_N
ClientSampleId :

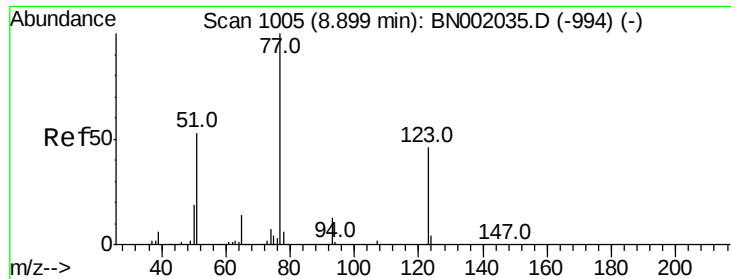
Tot Ion:128 Resp: 45705
Ion Ratio Lower Upper
128 100
64 57.1 31.9 47.9#
130 32.0 25.6 38.4



#11
2-Methylphenol
Concen: 13.795 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. -0.05 min
Lab File: BN002043.D
Acq: 13 Jul 2018 20:27

Tgt Ion:108 Resp: 391971
Ion Ratio Lower Upper
108 100
107 90.1 72.4 108.6

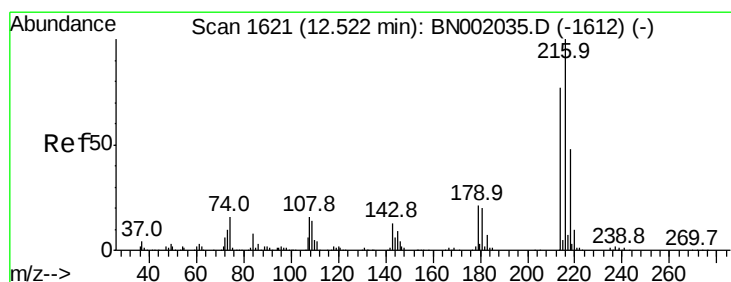
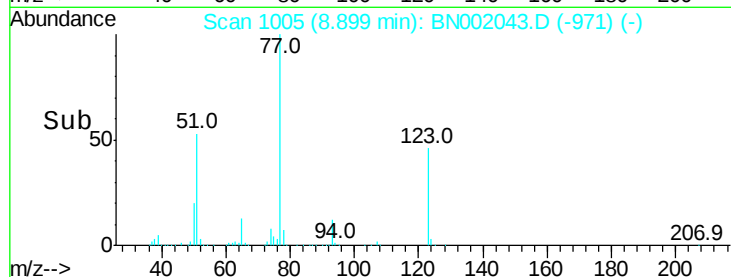
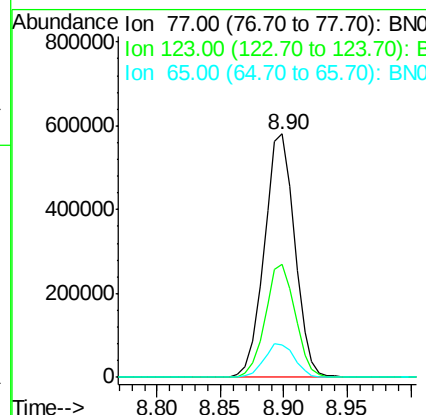
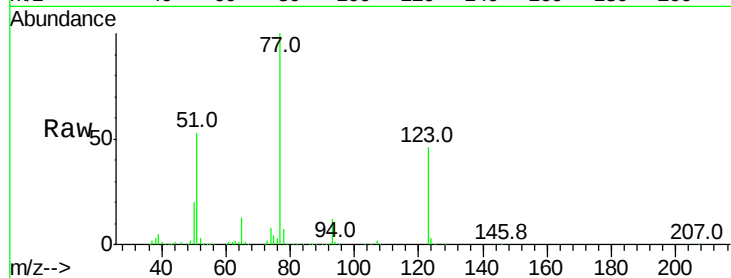




#20
Nitrobenzene
Concen: 27.772 ng/ul
RT: 8.90 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BN002043.D
Acq: 13 Jul 2018 20:27

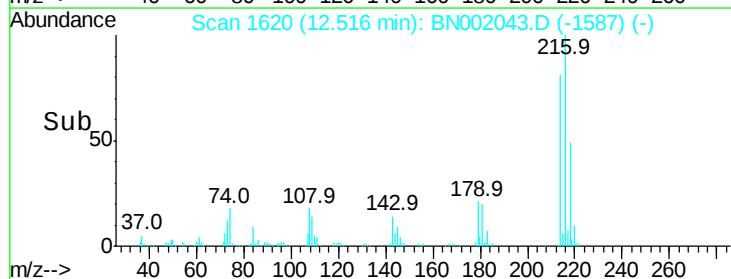
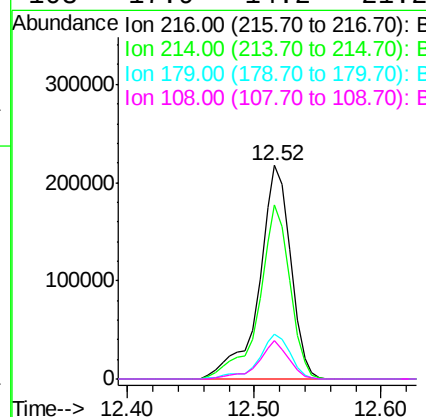
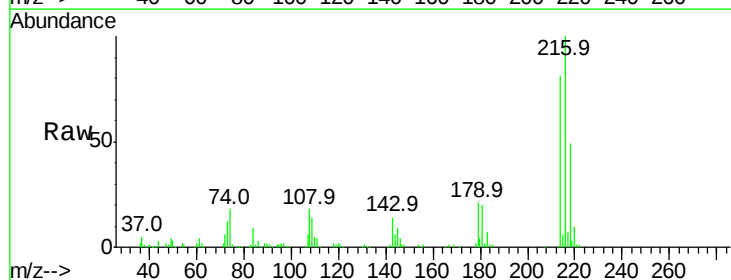
Instrument :
BNA_N
ClientSampleId :

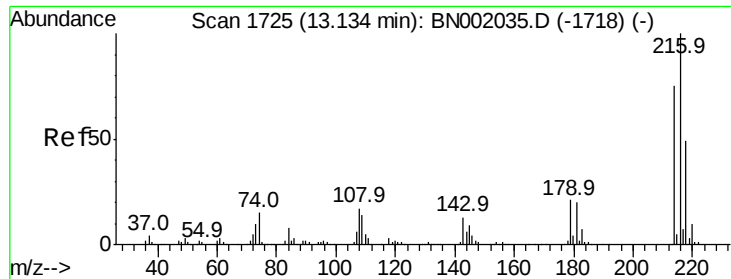
Tot Ion: 77 Resp: 974614
Ion Ratio Lower Upper
77 100
123 46.4 39.0 58.4
65 13.5 10.4 15.6



#36
1,2,4,5-Tetrachlorobenzene
Concen: 10.444 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BN002043.D
Acq: 13 Jul 2018 20:27

Tgt Ion: 216 Resp: 378255
Ion Ratio Lower Upper
216 100
214 81.5 62.5 93.7
179 21.0 18.2 27.2
108 17.9 14.2 21.2

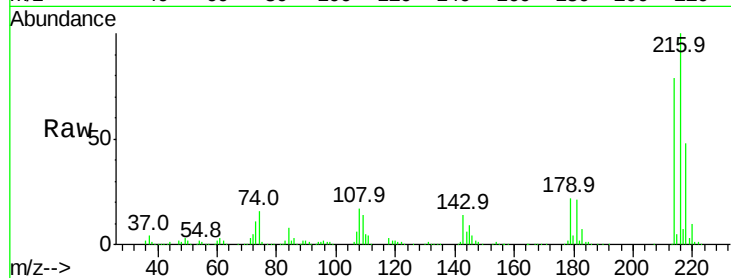




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 26.952 ng/uL
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BN002043.D
 Acq: 13 Jul 2018 20:27

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.5	93.7
218	47.6	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

