

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023179.D
 Acq On : 15 Oct 2019 22:45
 Operator : JU
 Sample : K5202-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 16 06:50:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	410682	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1785284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1163988	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2421877	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	1976202	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	1906355	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	30466	3.26	ng/uL	0.00
5) Phenol-d5	6.85	99	591466	16.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	355742	17.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	469162	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	469428	16.34	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	216042	17.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	210676	18.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	487191	16.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	521693	14.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1596088	17.89	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1871334	17.89	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	158012	10.94	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1387041	18.25	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	115563	12.04	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2131889	18.26	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2380556	24.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	1905530	19.72	ng/ul	-0.02

Target Compounds

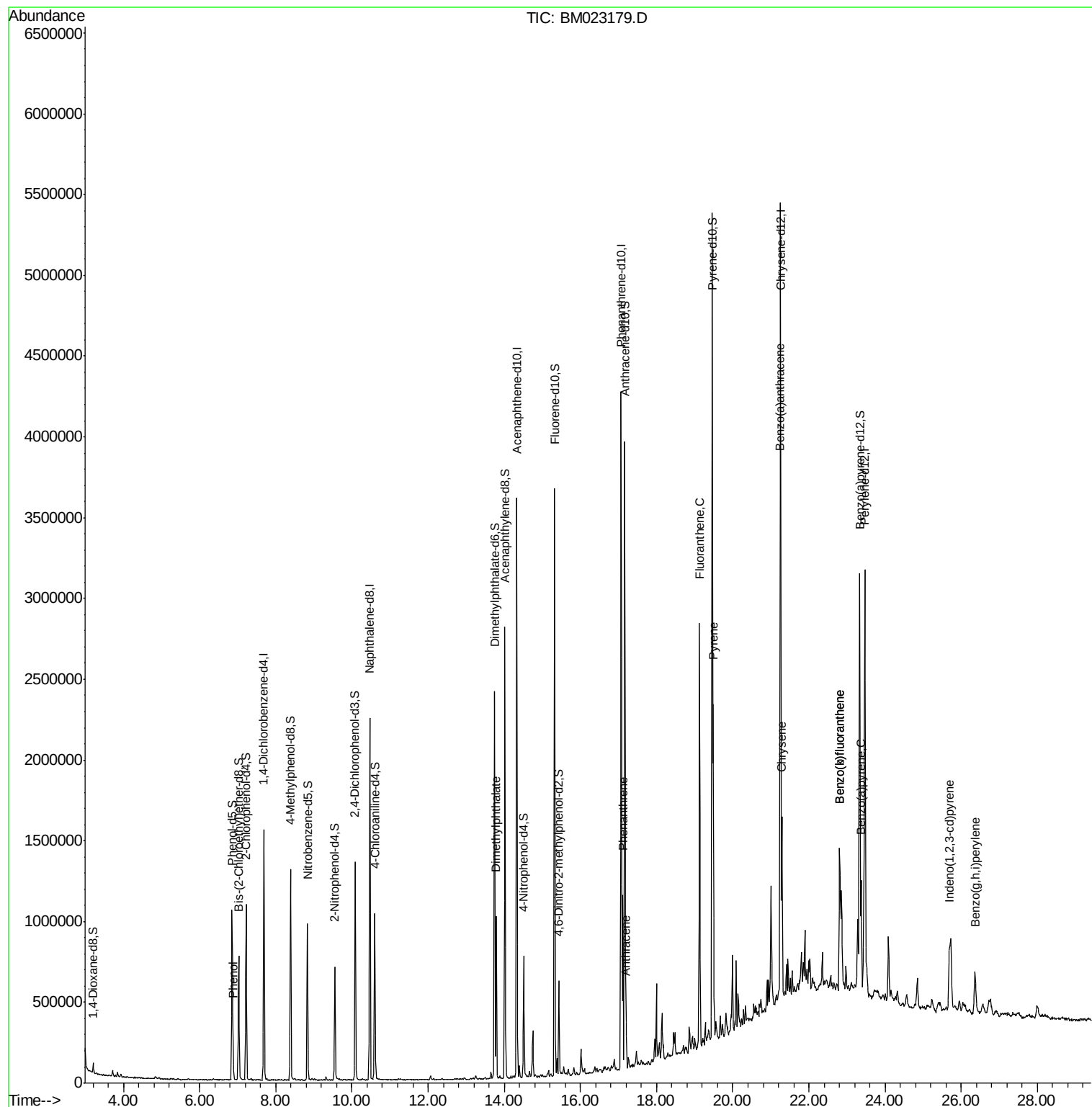
					Ovalue
6) Phenol	6.88	94	47879	1.298	ng/ul 99
45) Dimethylphthalate	13.79	163	631146	7.069	ng/ul 99
70) Phenanthrene	17.11	178	635960	4.679	ng/ul 99
72) Anthracene	17.20	178	168190	1.197	ng/ul 100
77) Fluoranthene	19.13	202	1557632	9.636	ng/ul 99
80) Pyrene	19.49	202	1214844	9.813	ng/ul 99
83) Benzo(a)anthracene	21.24	228	665434	4.970	ng/ul 96
85) Chrysene	21.29	228	617419	4.966	ng/ul 98
88) Benzo(b)fluoranthene	22.81	252	767954	6.644	ng/ul 97
89) Benzo(k)fluoranthene	22.81	252	767954	6.919	ng/ul 97
91) Benzo(a)pyrene	23.37	252	526400	4.747	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.69	276	340230	2.579	ng/ul 98
94) Benzo(g,h,i)perylene	26.36	276	311076	2.864	ng/ul 98

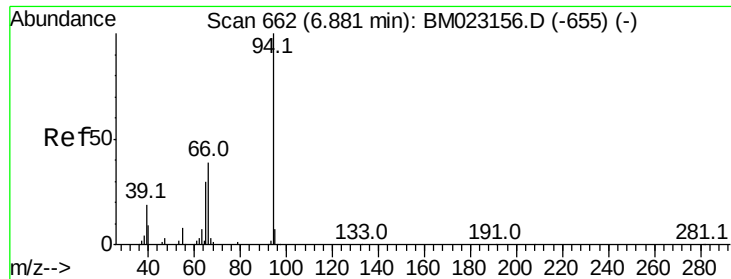
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.298 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

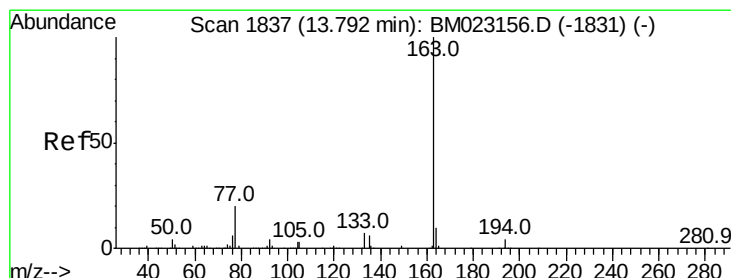
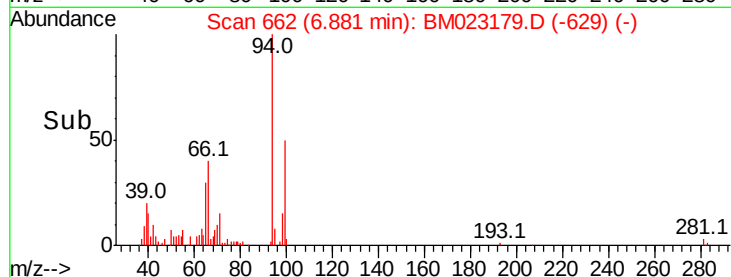
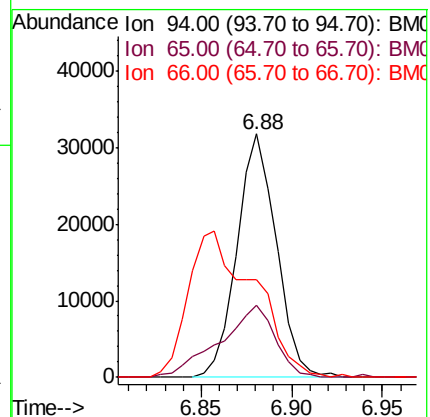
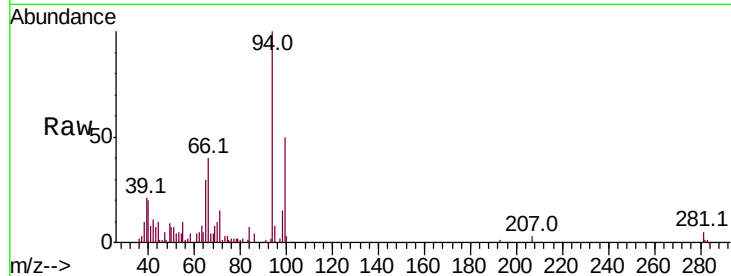
Tot Ion: 94 Resp: 47879

Ion Ratio Lower Upper

94 100

65 29.6 23.7 35.5

66 40.1 32.9 49.3



#45

Dimethylphthalate

Concen: 7.069 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

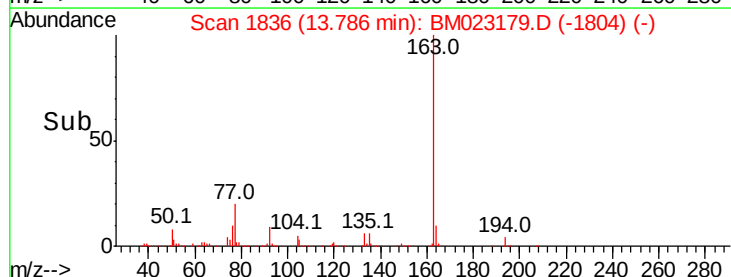
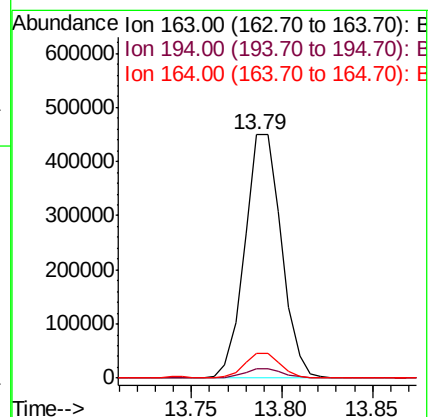
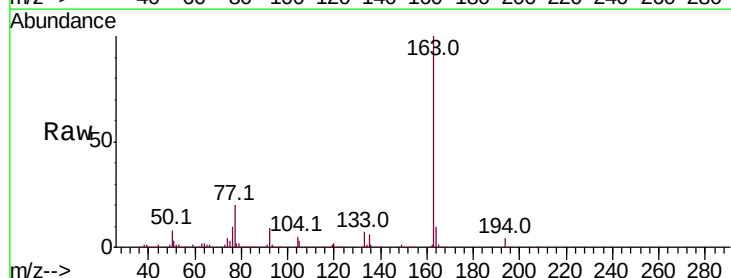
Tgt Ion: 163 Resp: 631146

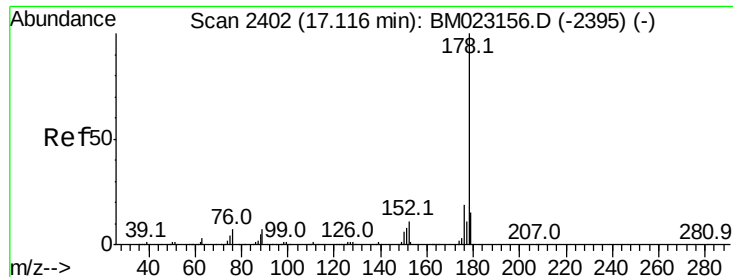
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.3 8.0 12.0

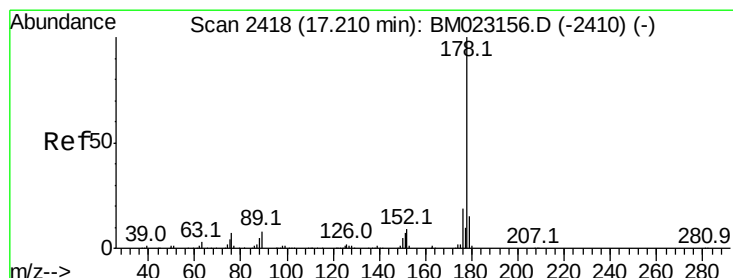
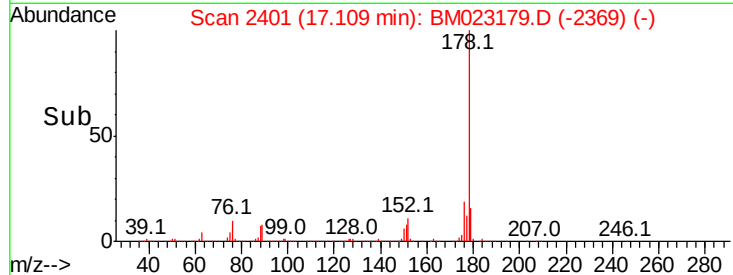
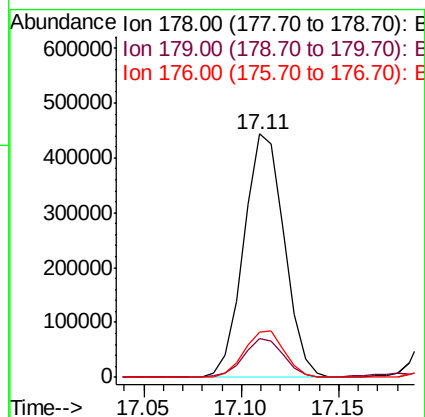
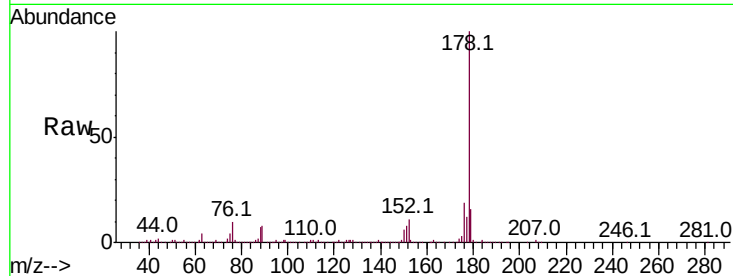




#70
Phenanthrene
Concen: 4.679 ng/ul
RT: 17.11 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

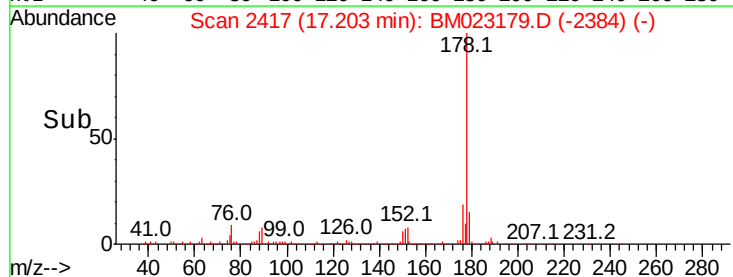
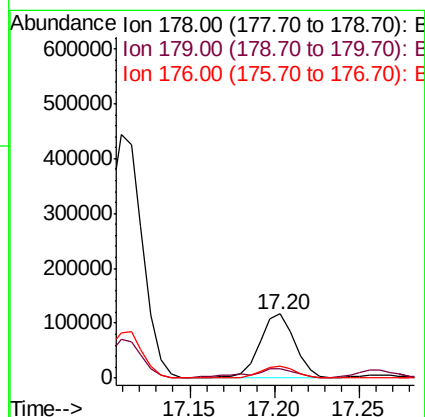
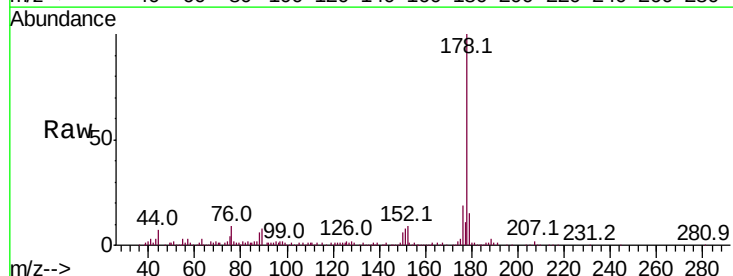
Instrument :
BNA_M
ClientSampleId :

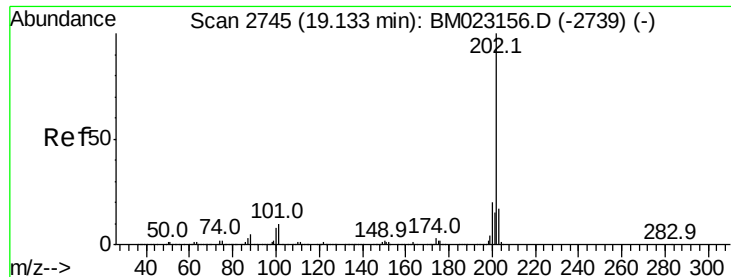
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.7	15.5	23.3



#72
Anthracene
Concen: 1.197 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	15.0	22.4





#77

Fluoranthene

Concen: 9.636 ng/ul

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

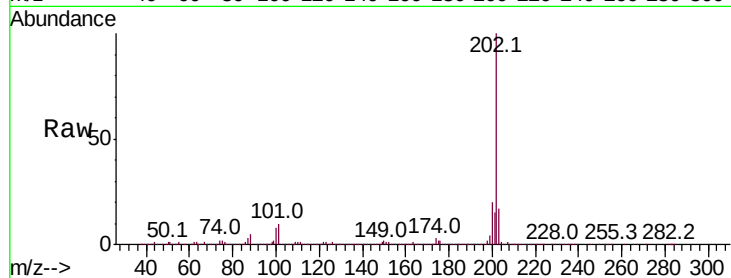
Tot Ion:202 Resp: 1557632

Ion Ratio Lower Upper

202 100

101 10.3 7.8 11.8

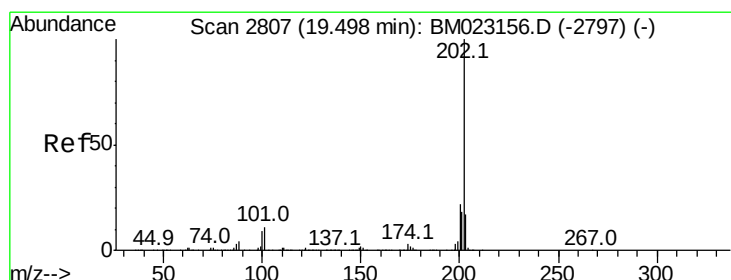
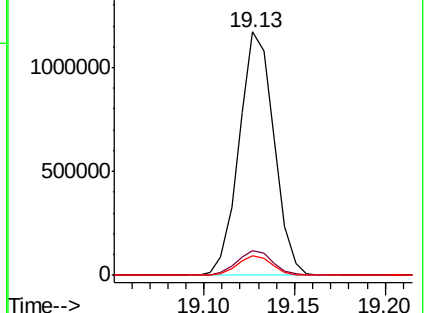
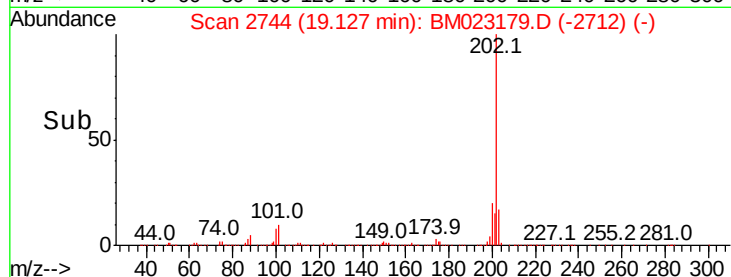
100 7.9 6.1 9.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 9.813 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

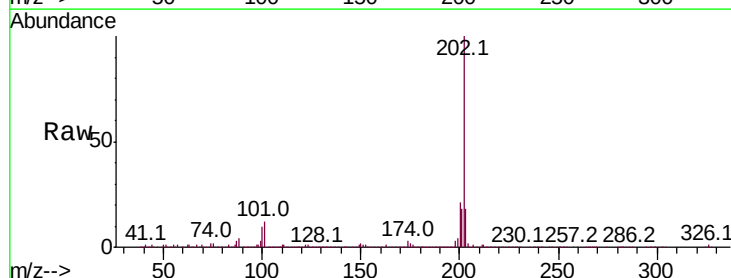
Tgt Ion:202 Resp: 1214844

Ion Ratio Lower Upper

202 100

101 12.0 9.1 13.7

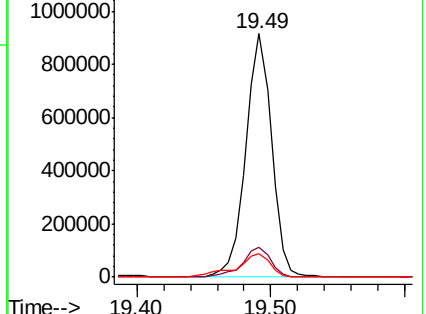
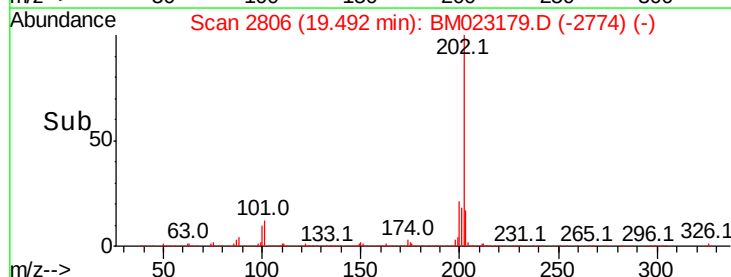
100 9.5 7.5 11.3

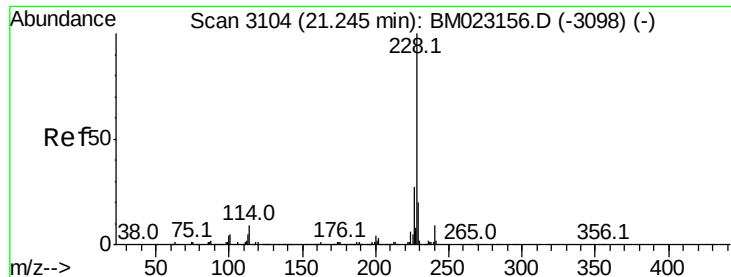


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

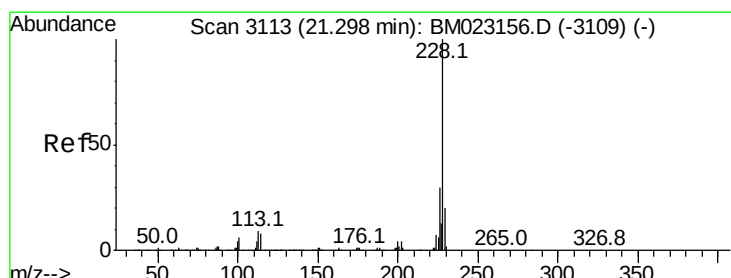
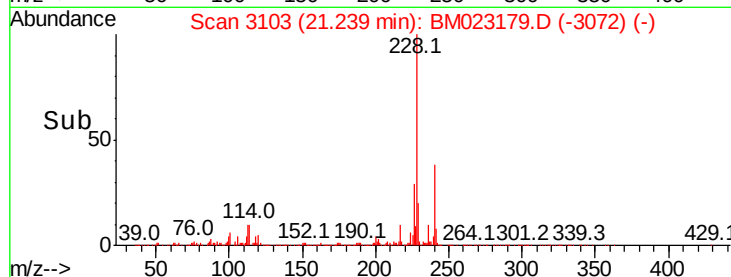
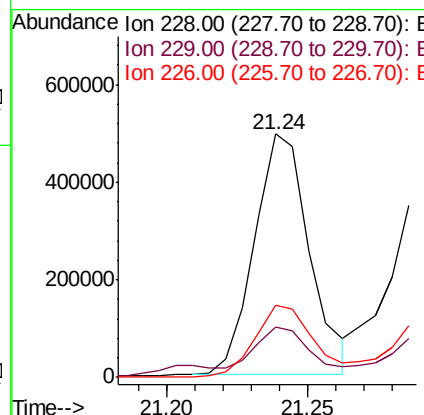
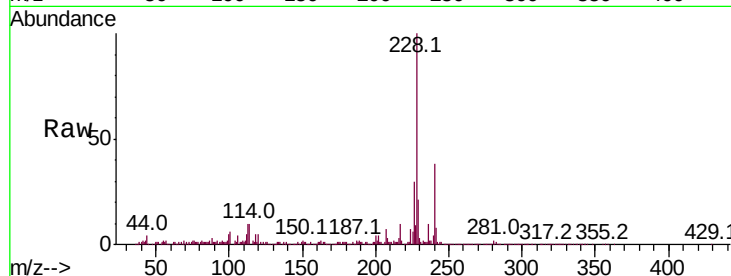




#83
Benzo(a)anthracene
Concen: 4.970 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

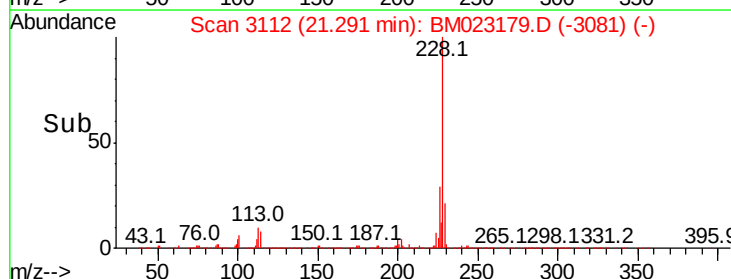
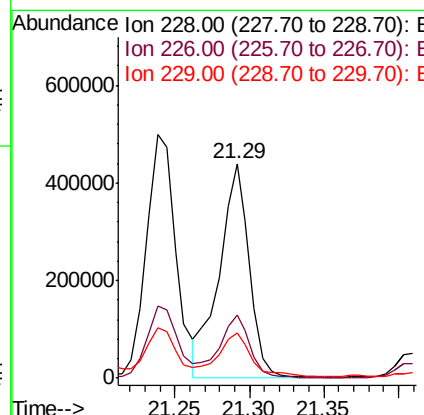
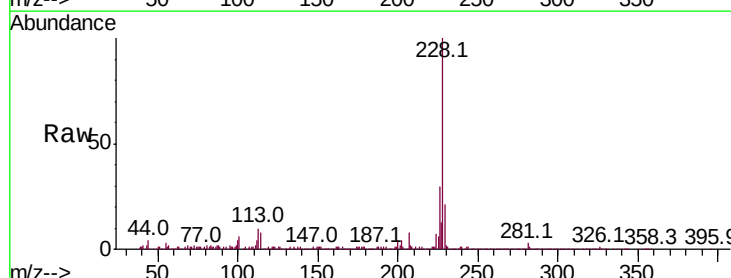
Instrument :
BNA_M
ClientSampleId :

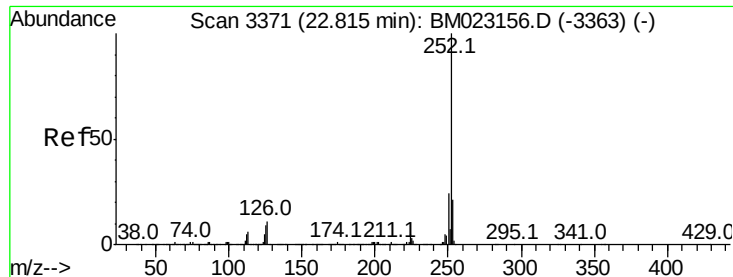
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	29.8	21.6	32.4



#85
Chrysene
Concen: 4.966 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.3	15.5	23.3

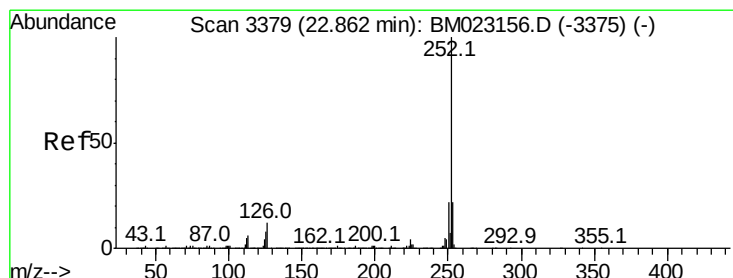
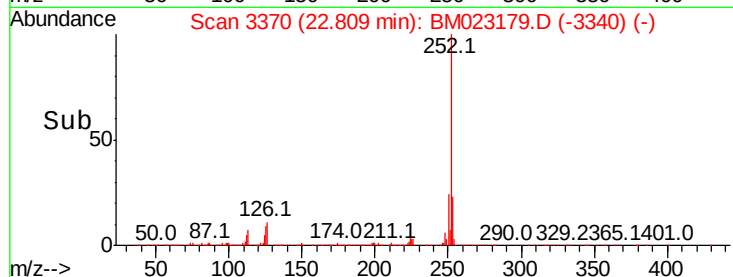
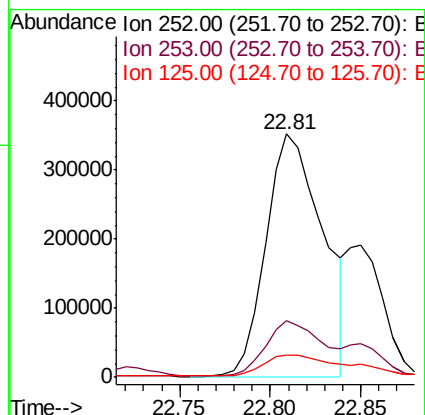
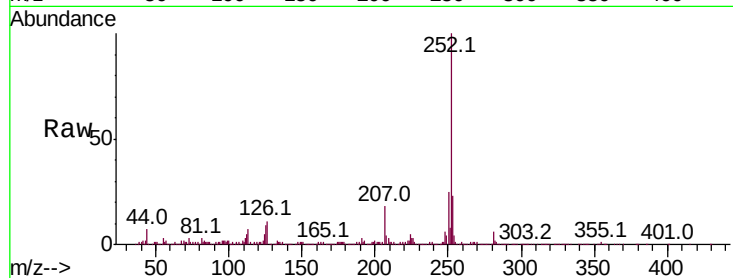




#88
Benzo(b)fluoranthene
Concen: 6.644 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

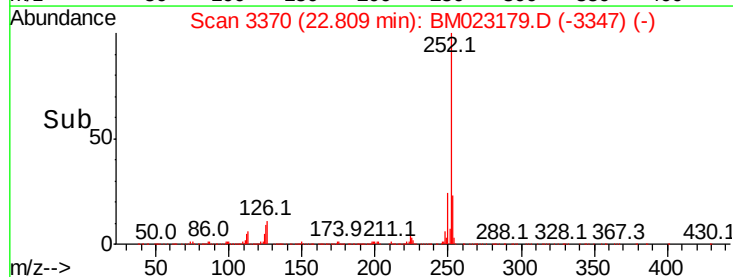
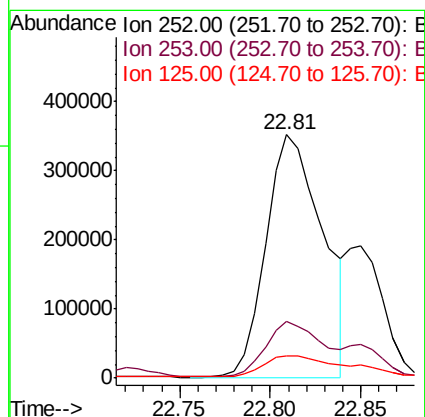
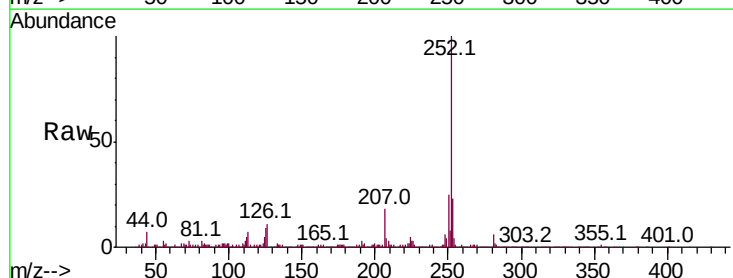
Instrument :
BNA_M
ClientSampleId :

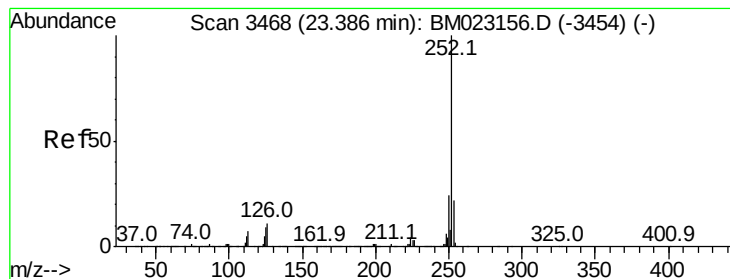
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.3	6.4	9.6



#89
Benzo(k)fluoranthene
Concen: 6.919 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.06 min
Lab File: BM023179.D
Acq: 15 Oct 2019 22:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	9.3	6.5	9.7





#91

Benzo(a)pyrene

Concen: 4.747 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

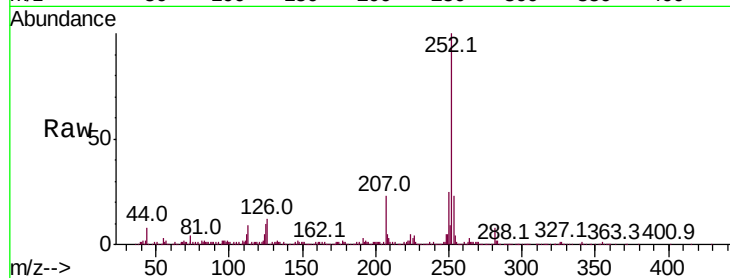
Tot Ion:252 Resp: 526400

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

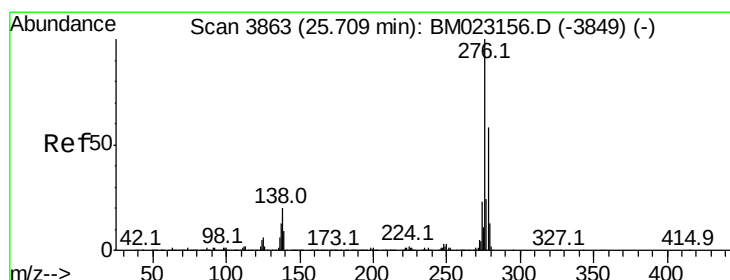
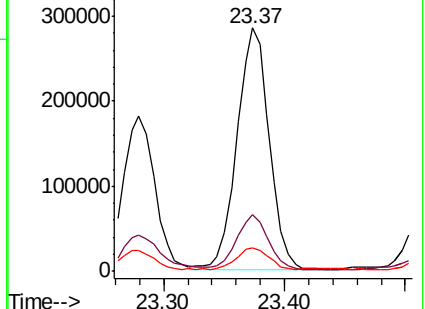
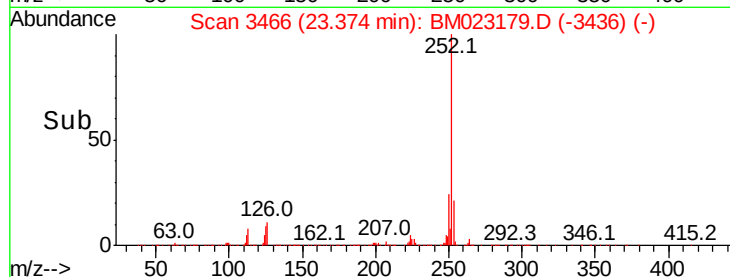
125 9.5 7.4 11.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.579 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. -0.04 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

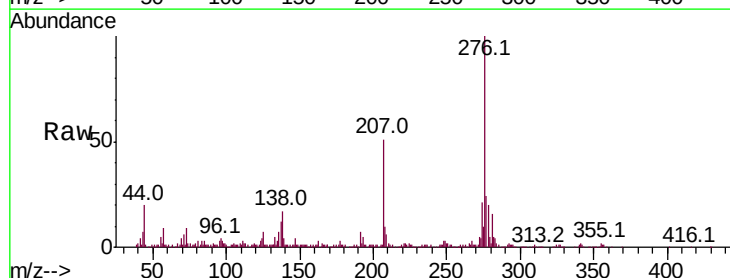
Tgt Ion:276 Resp: 340230

Ion Ratio Lower Upper

276 100

138 16.5 14.9 22.3

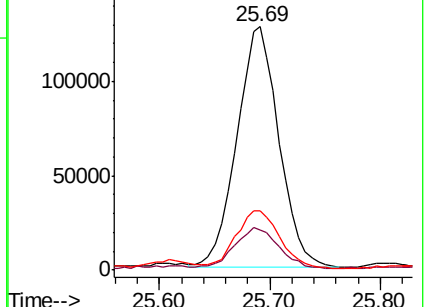
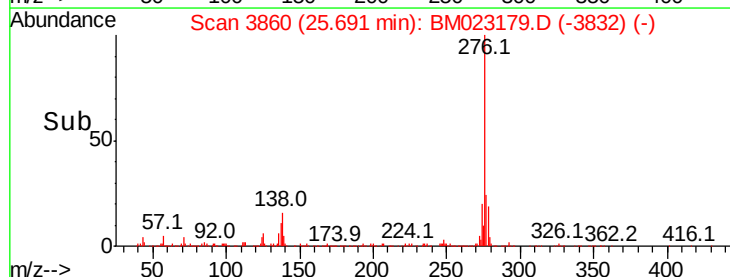
277 24.5 19.8 29.8

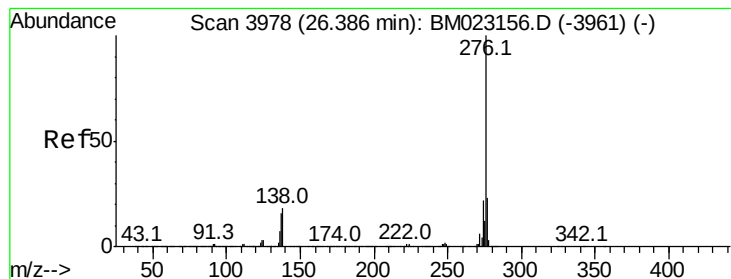


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 2.864 ng/ul

RT: 26.36 min Scan# 3974

Delta R.T. -0.04 min

Lab File: BM023179.D

Acq: 15 Oct 2019 22:45

Instrument :

BNA_M

ClientSampleId :

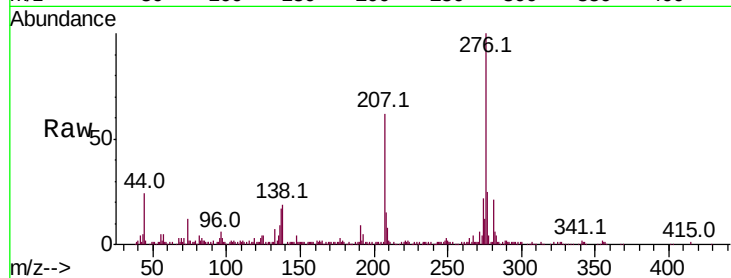
Tot Ion:276 Resp: 311076

Ion Ratio Lower Upper

276 100

138 18.7 14.4 21.6

277 25.5 19.4 29.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

