

Data File : BM026985.D
Acq On : 03 Aug 2020 19:13
Operator : JU/CG
Sample : L3424-04DL 25X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Quant Time: Aug 04 02:36:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	101075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	400369	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	245609	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	492089	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	468729	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	467981	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	6.84	99	6831	0.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	4557	0.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	4899	0.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	5621	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	2583	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	2706	0.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	5421	0.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	3114	0.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	16812	0.87	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	20996	0.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1453	0.45	ng/ul	0.00
58) Fluorene-d10	15.29	176	14718	0.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	987	0.45	ng/ul	0.00
71) Anthracene-d10	17.13	188	25235	1.03	ng/ul	0.00
79) Pyrene-d10	19.43	212	24338	0.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	23354	0.88	ng/ul	0.00

Target Compounds

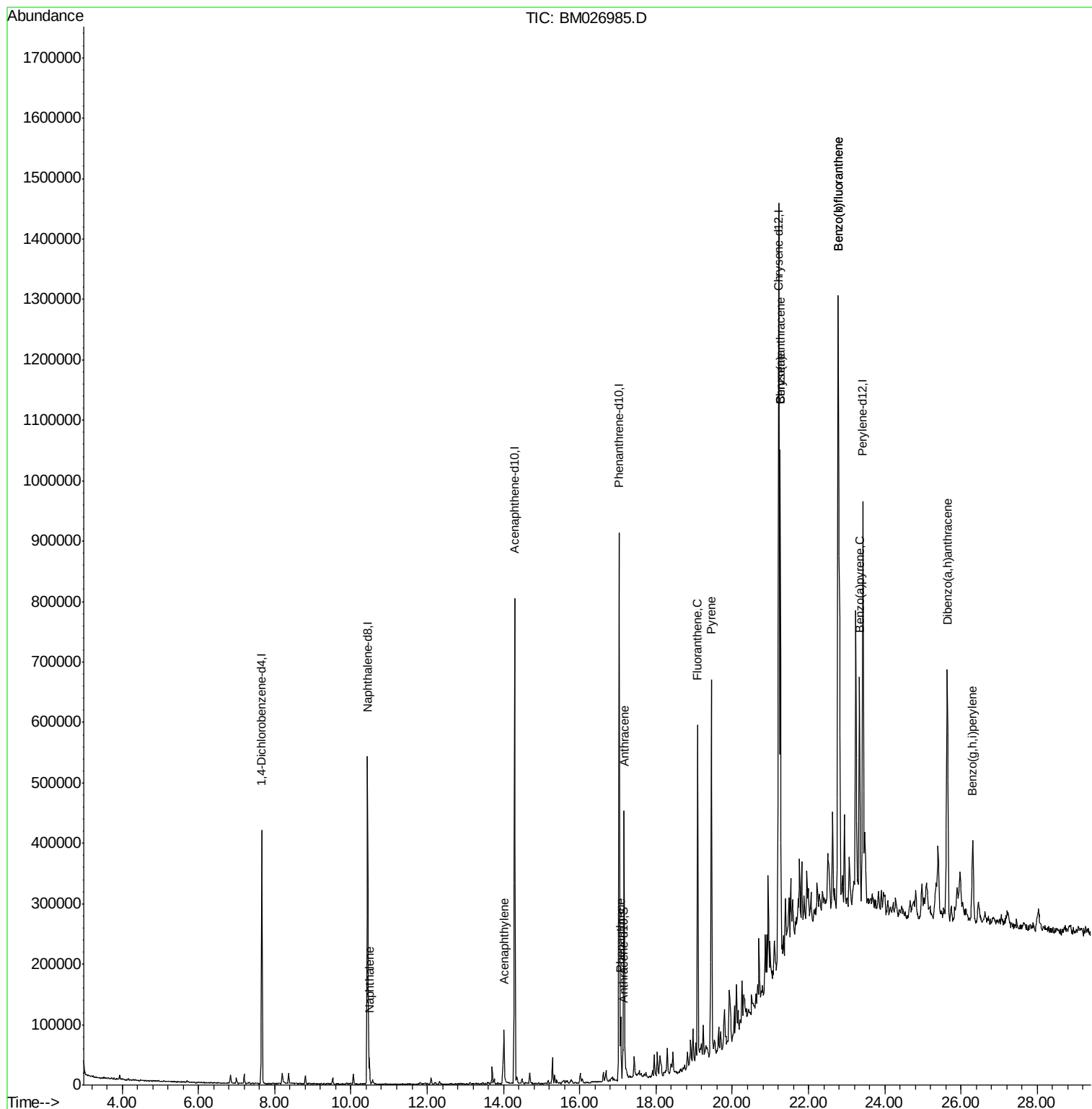
					Qvalue	
28) Naphthalene	10.48	128	31341	1.401	ng/ul	95
48) Acenaphthylene	14.01	152	69399	2.787	ng/ul	98
70) Phenanthrene	17.07	178	50721	1.698	ng/ul	98
72) Anthracene	17.17	178	284881	9.279	ng/ul	99
77) Fluoranthene	19.09	202	297663	8.440	ng/ul	100
80) Pyrene	19.46	202	341592	10.017	ng/ul	96
83) Benzo(a)anthracene	21.26	228	466071	14.426	ng/ul	95
85) Chrysene	21.26	228	466071	14.793	ng/ul	99
88) Benzo(b)fluoranthene	22.78	252	939319	28.058	ng/ul	99
89) Benzo(k)fluoranthene	22.78	252	939319	29.240	ng/ul	99
91) Benzo(a)pyrene	23.33	252	254719	8.432	ng/ul	99
93) Dibenzo(a,h)anthracene	25.64	278	91125	2.875	ng/ul#	91
94) Benzo(g,h,i)perylene	26.31	276	163897	5.289	ng/ul	99

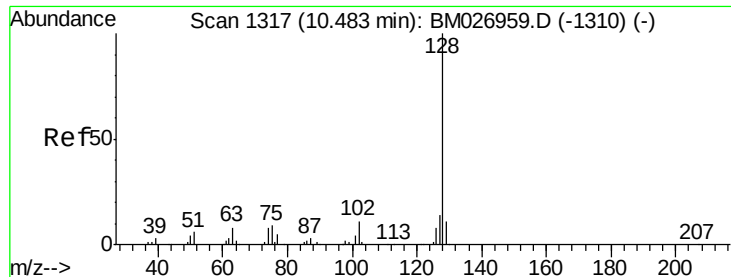
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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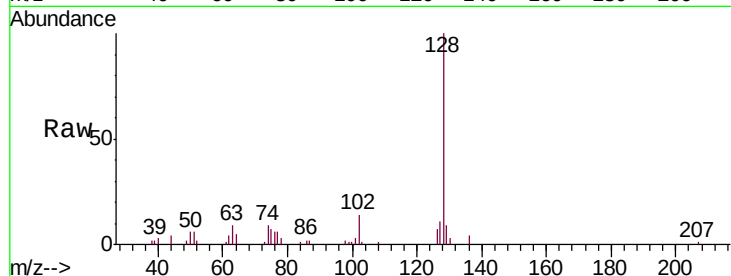




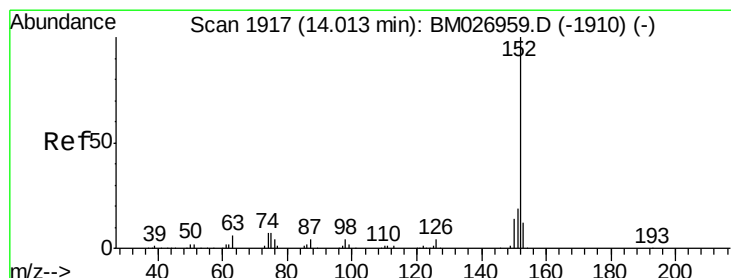
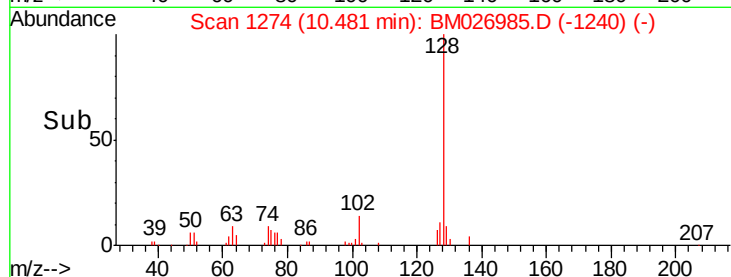
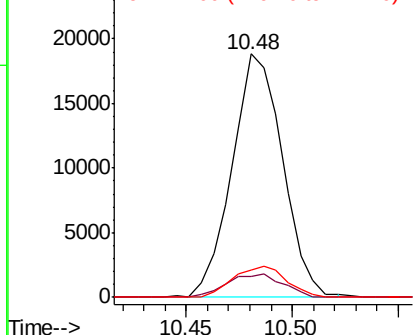
#28
Naphthalene
Concen: 1.401 ng/ul
RT: 10.48 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Instrument :
BNA_M
ClientSampleId :
C0S79DL

Tgt Ion:128 Resp: 31341
Ion Ratio Lower Upper
128 100
129 8.8 8.3 12.5
127 11.4 11.0 16.6

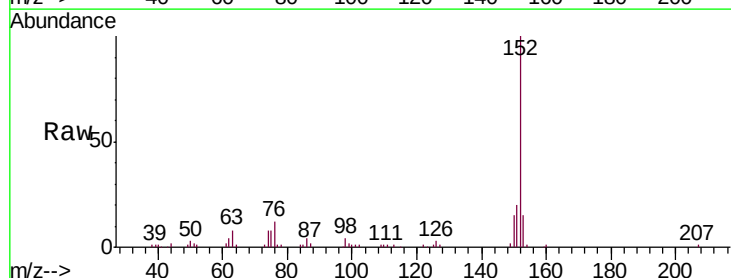


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

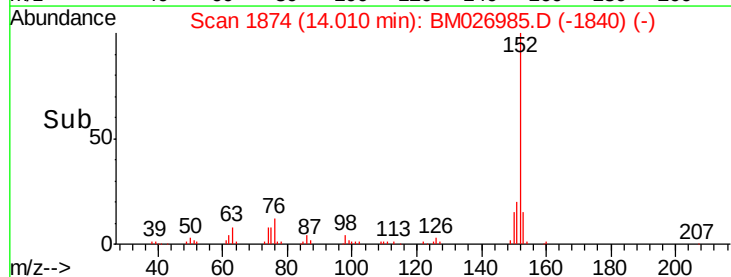
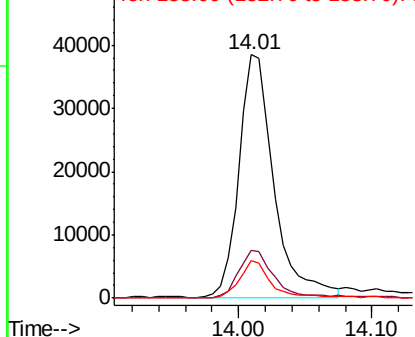


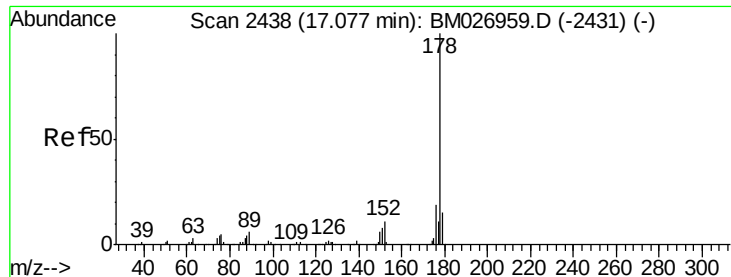
#48
Acenaphthylene
Concen: 2.787 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026985.D
Acq: 03 Aug 2020 19:13

Tgt Ion:152 Resp: 69399
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 15.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#70

Phenanthrene

Concen: 1.698 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0S79DL

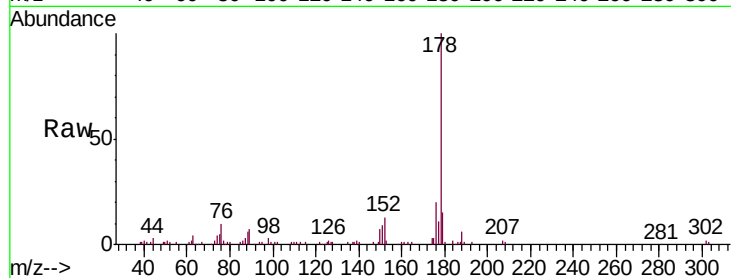
Tgt Ion:178 Resp: 50721

Ion Ratio Lower Upper

178 100

179 14.6 12.0 18.0

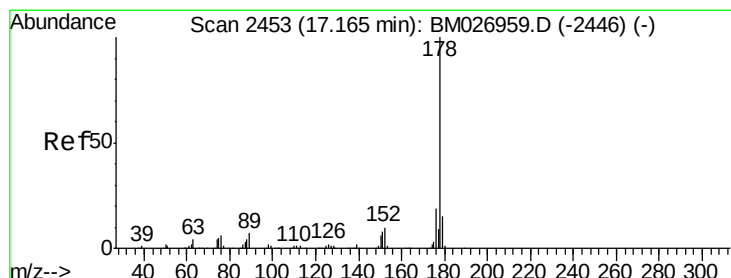
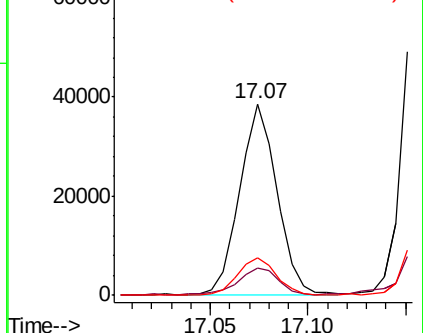
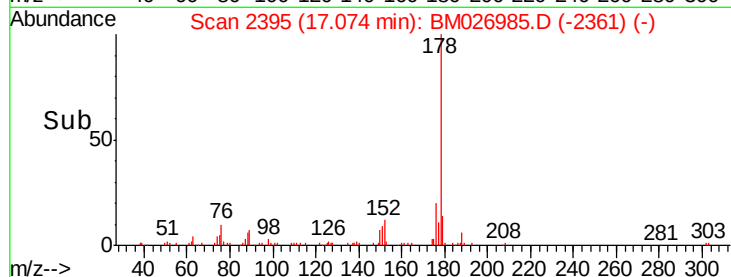
176 19.6 14.7 22.1



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: 9.279 ng/ul

RT: 17.17 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

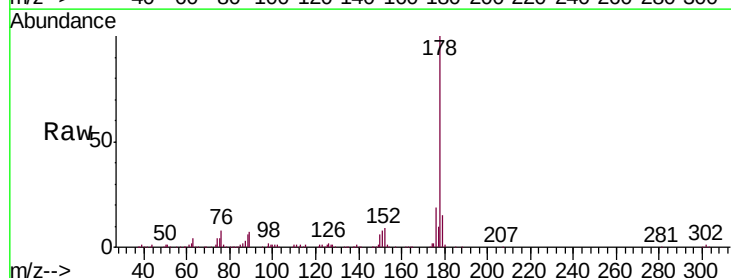
Tgt Ion:178 Resp: 284881

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.6

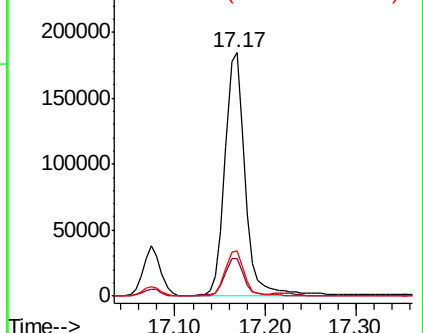
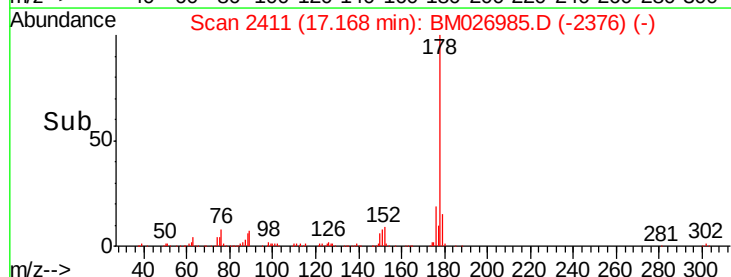
176 18.7 15.0 22.6

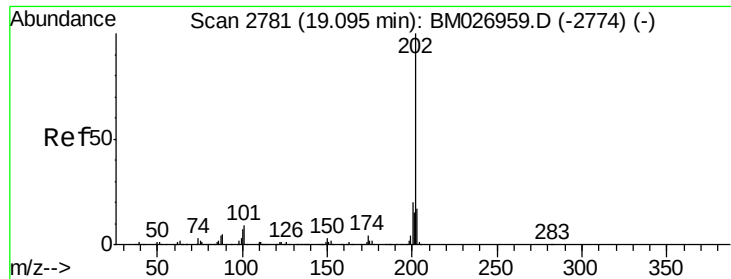


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 8.440 ng/ul

RT: 19.09 min Scan# 2738

Delta R.T. -0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0S79DL

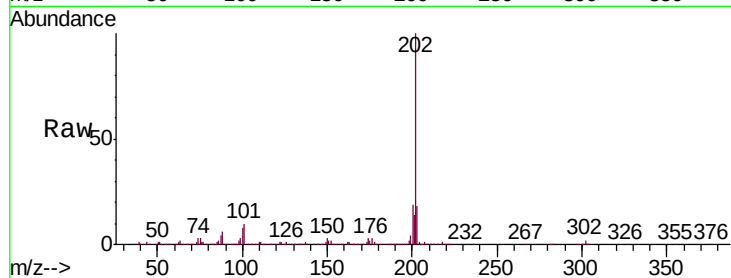
Tgt Ion:202 Resp: 297663

Ion Ratio Lower Upper

202 100

101 9.8 7.7 11.5

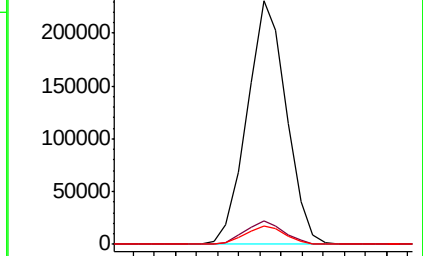
100 7.7 6.2 9.4



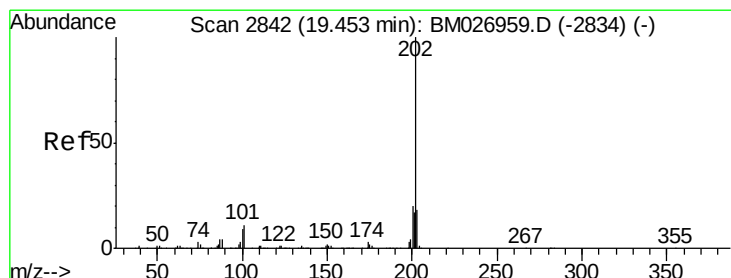
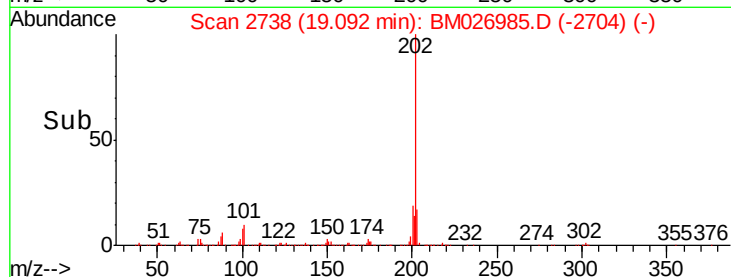
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Pyrene

Concen: 10.017 ng/ul

RT: 19.46 min Scan# 2800

Delta R.T. -0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

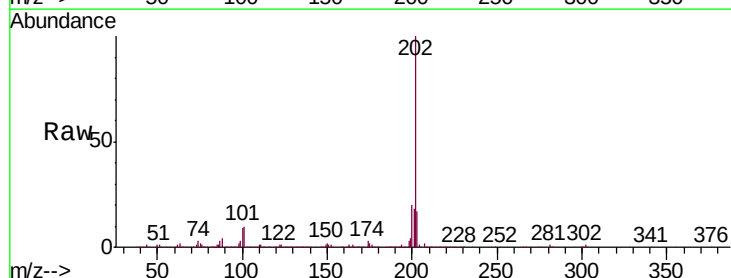
Tgt Ion:202 Resp: 341592

Ion Ratio Lower Upper

202 100

101 10.3 9.4 14.2

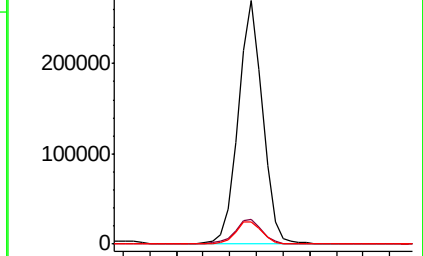
100 8.9 8.2 12.4



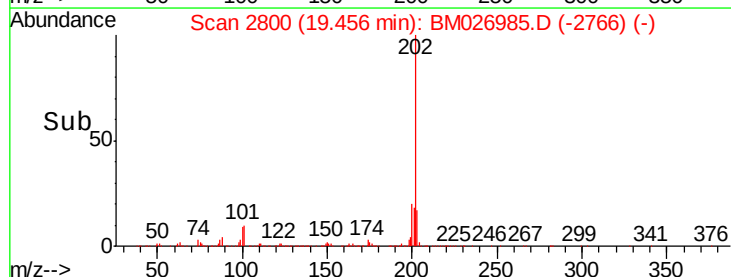
Abundance Ion 202.00 (201.70 to 202.70): E

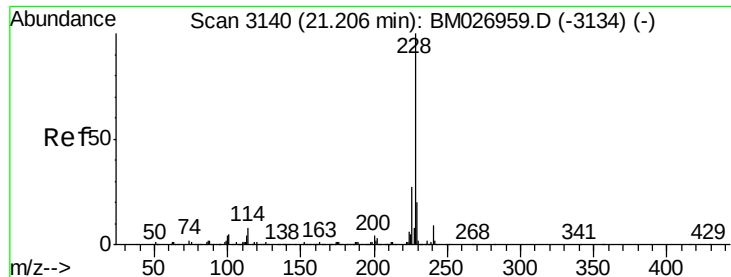
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#83

Benzo(a)anthracene

Concen: 14.426 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.05 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

Instrument :

BNA_M

ClientSampleId :

C0S79DL

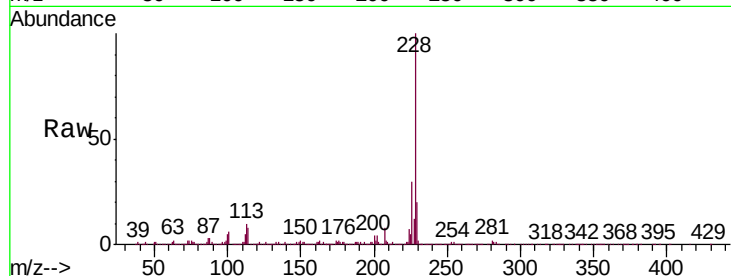
Tgt Ion:228 Resp: 466071

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.2

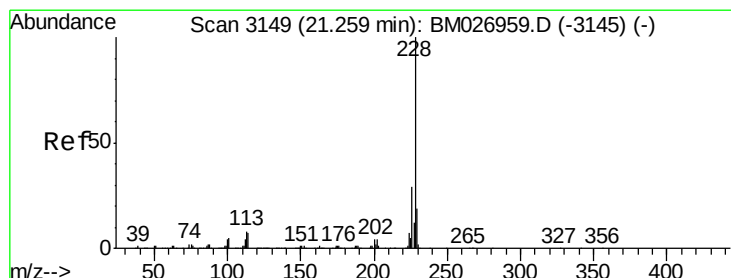
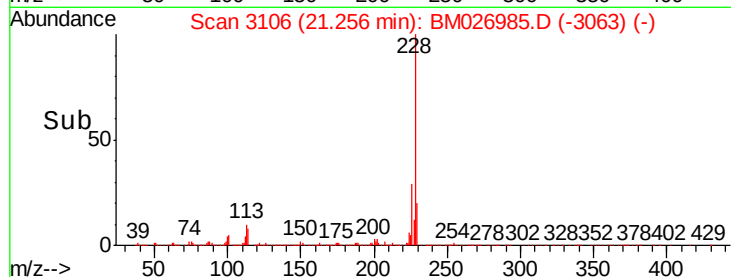
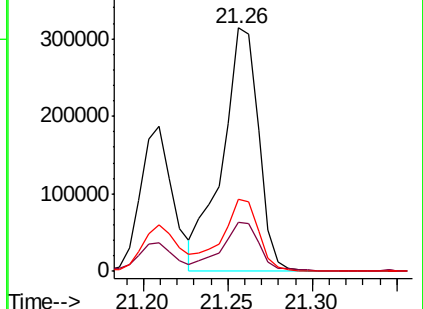
226 29.6 20.9 31.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 14.793 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

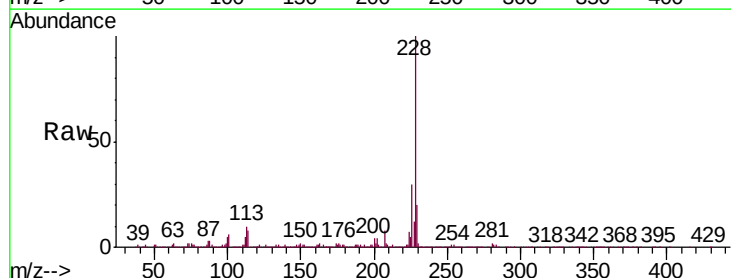
Tgt Ion:228 Resp: 466071

Ion Ratio Lower Upper

228 100

226 29.6 23.2 34.8

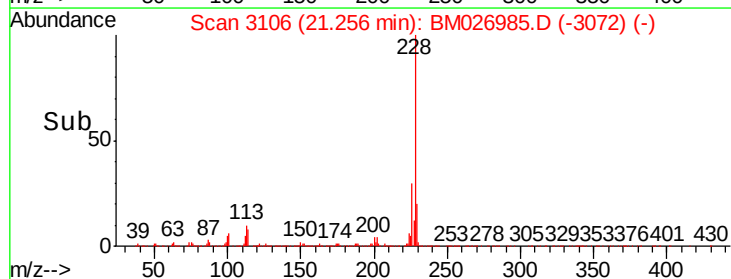
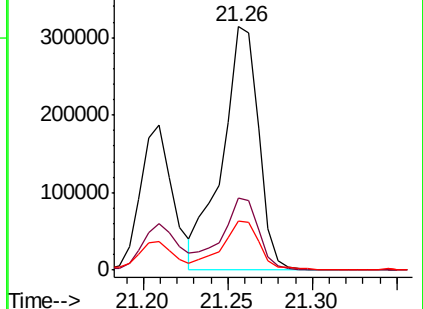
229 20.1 15.5 23.3

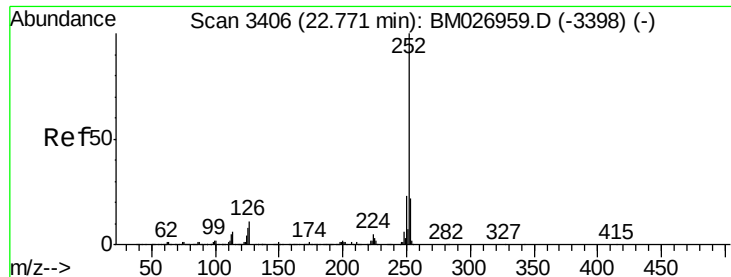


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 28.058 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. 0.01 min

Lab File: BM026985.D

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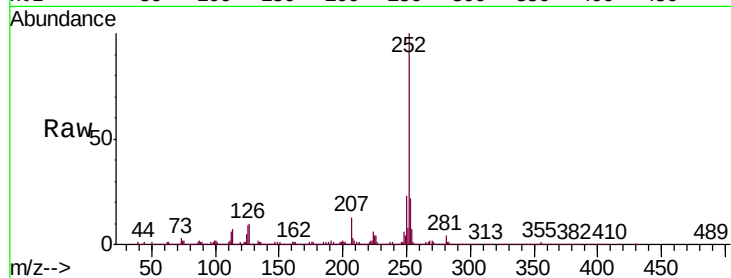
Tgt Ion:252 Resp: 939319

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

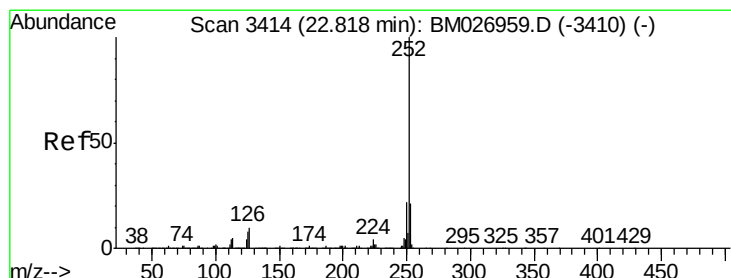
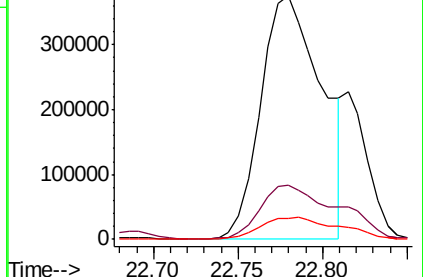
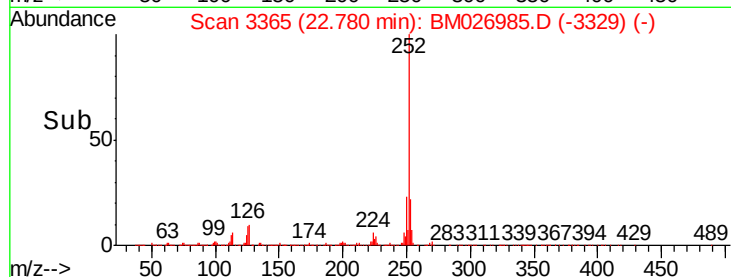
125 8.8 6.6 10.0



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: 29.240 ng/ul

RT: 22.78 min Scan# 3365

Delta R.T. -0.04 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

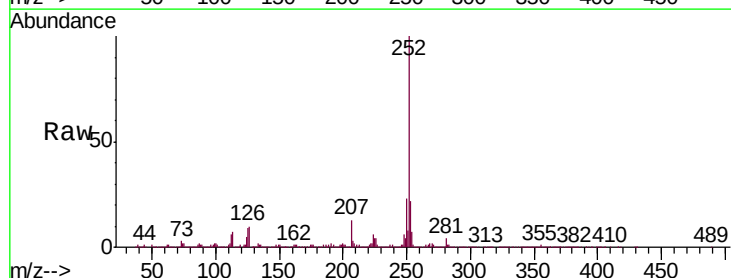
Tgt Ion:252 Resp: 939319

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

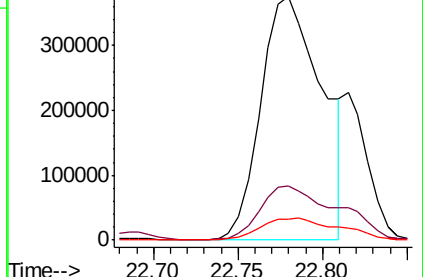
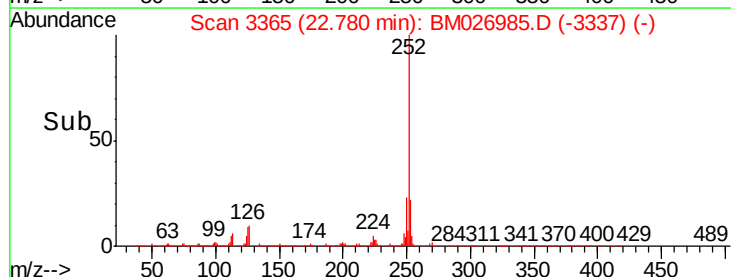
125 8.8 7.3 10.9

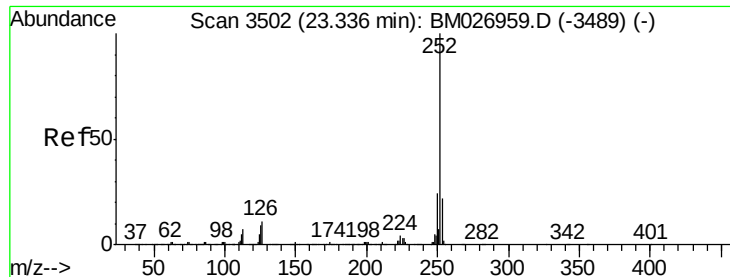


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 8.432 ng/ul

RT: 23.33 min Scan# 3459

Delta R.T. -0.00 min

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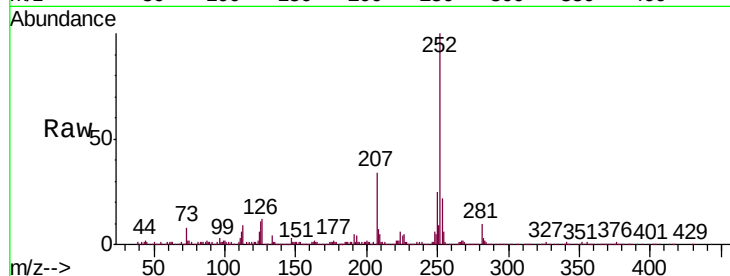
Tgt Ion:252 Resp: 254719

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

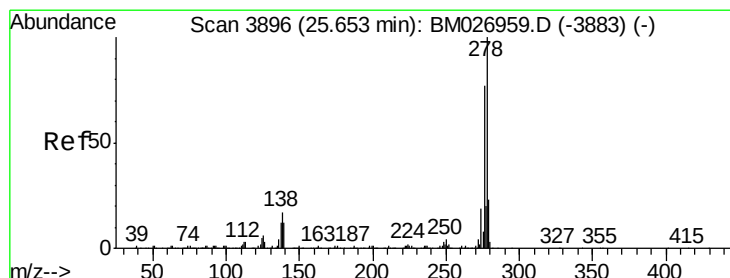
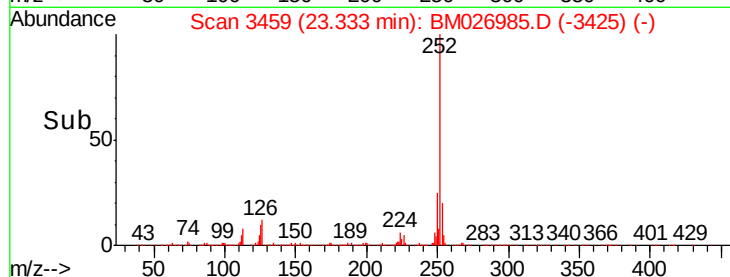
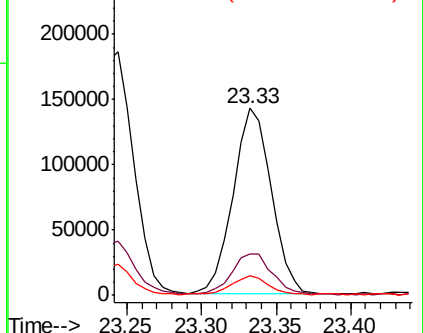
125 10.7 8.2 12.2



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



#93

Dibenzo(a,h)anthracene

Concen: 2.875 ng/ul

RT: 25.64 min Scan# 3851

Delta R.T. -0.01 min

Lab File: BM026985.D

Acq: 03 Aug 2020 19:13

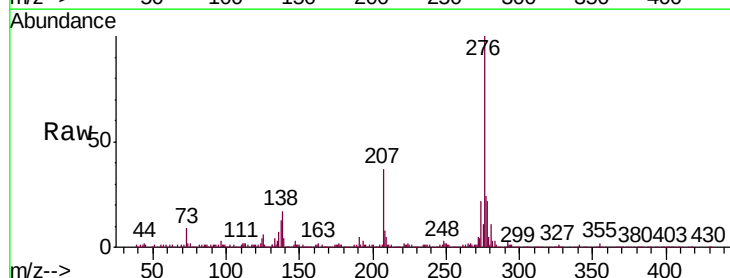
Tgt Ion:278 Resp: 91125

Ion Ratio Lower Upper

278 100

139 19.2 10.9 16.3#

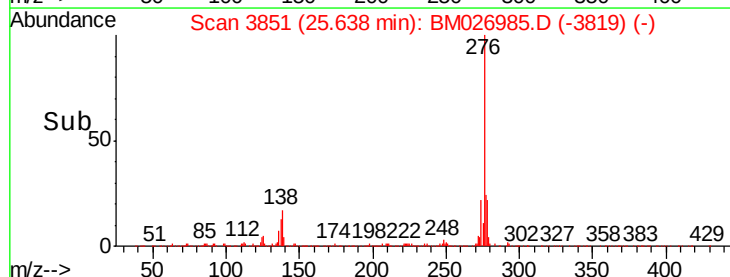
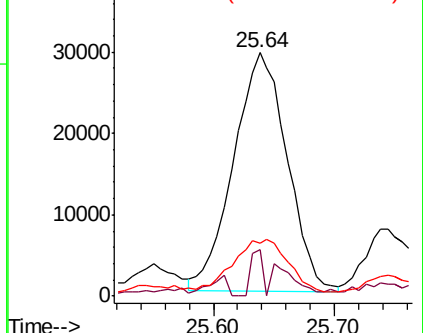
279 21.5 19.4 29.2

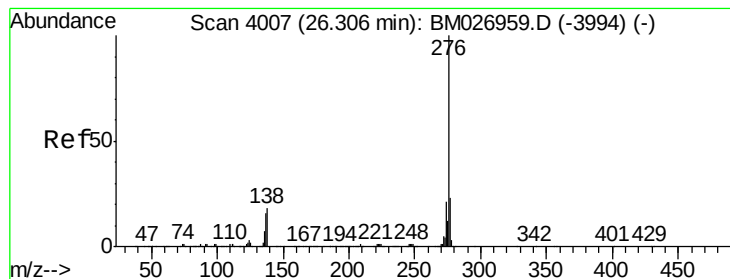


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 5.289 ng/ul

RT: 26.31 min Scan# 3965

Delta R.T. -0.00 min

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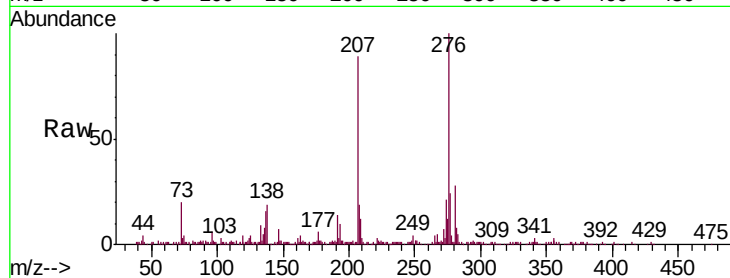
Tgt Ion:276 Resp: 163897

Ion Ratio Lower Upper

276 100

138 19.3 14.9 22.3

277 23.9 19.1 28.7



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

