

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013178.D
 Acq On : 04 Dec 2017 21:57
 Operator : SJ/JU
 Sample : I6646-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0244

Quant Time: Dec 05 05:00:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	284976	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1229529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	713304	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1598305	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1414619	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1071099	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	17128	2.98	ng/uL	0.00
5) Phenol-d5	6.88	99	427898	17.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	273241	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	371745	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	214208	10.17	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	199975	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	207989	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	362730	16.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	334716	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1207389	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1525128	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	168914	15.32	ng/ul	0.00
57) Fluorene-d10	15.34	176	1052397	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	133699	13.30	ng/ul	0.00
70) Anthracene-d10	17.19	188	1594581	19.92	ng/ul	0.00
76) Pyrene-d10	19.49	212	1669788	23.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1096755	20.10	ng/ul	0.00

Target Compounds

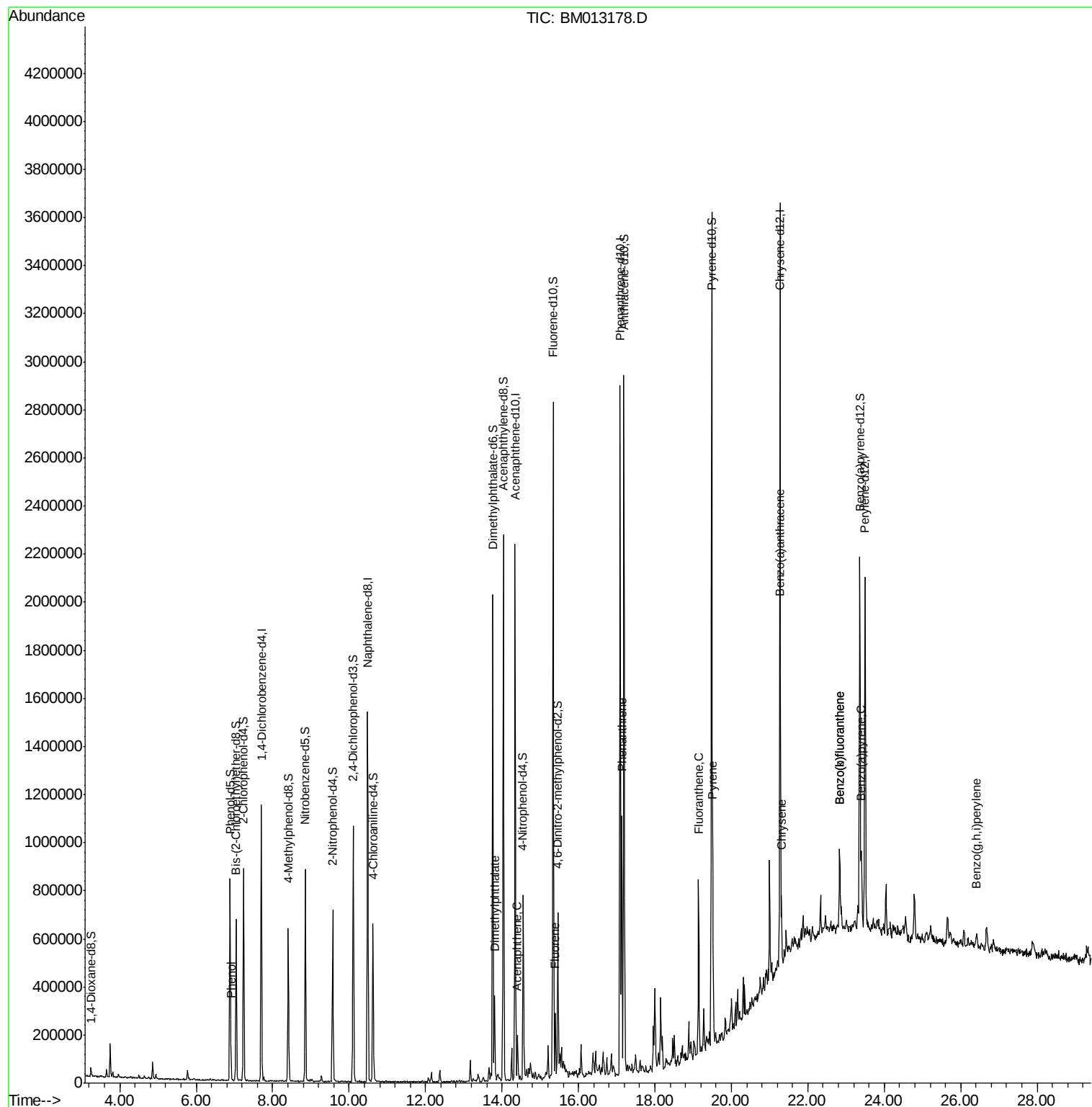
						Ovalue
6) Phenol	6.91	94	44309	1.82	ng/ul#	84
44) Dimethylphthalate	13.80	163	203111	3.35	ng/ul#	98
49) Acenaphthene	14.40	153	67686	1.37	ng/ul	99
58) Fluorene	15.39	166	90068	1.49	ng/ul	89
69) Phenanthrene	17.13	178	618032	6.81	ng/ul	99
74) Fluoranthene	19.14	202	421168	3.78	ng/ul#	93
77) Pyrene	19.51	202	459309	5.34	ng/ul#	90
80) Benzo(a)anthracene	21.26	228	142702	1.59	ng/ul#	91
82) Chrysene	21.31	228	153342	1.84	ng/ul#	95
85) Benzo(b)fluoranthene	22.84	252	140759	1.95	ng/ul#	83
86) Benzo(k)fluoranthene	22.84	252	140759	2.07	ng/ul#	81
88) Benzo(a)pyrene	23.40	252	88427	1.36	ng/ul#	89
91) Benzo(g,h,i)perylene	26.41	276	61448	1.21	ng/ul#	89

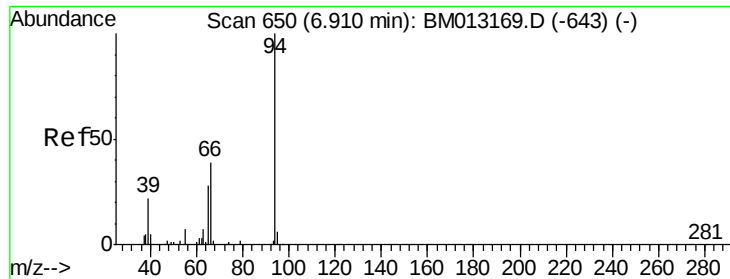
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.82 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

Instrument :

BNA_M

ClientSampleId :

C0244

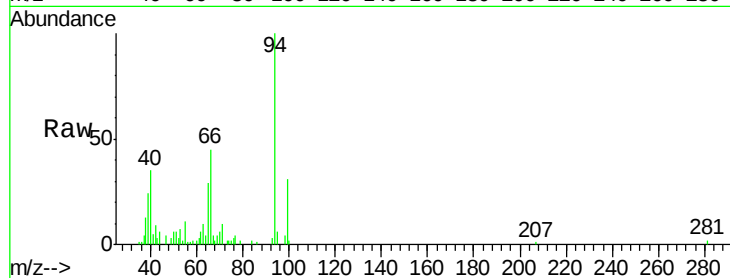
Tot Ion: 94 Resp: 44309

Ion Ratio Lower Upper

94 100

65 28.9 28.2 42.4

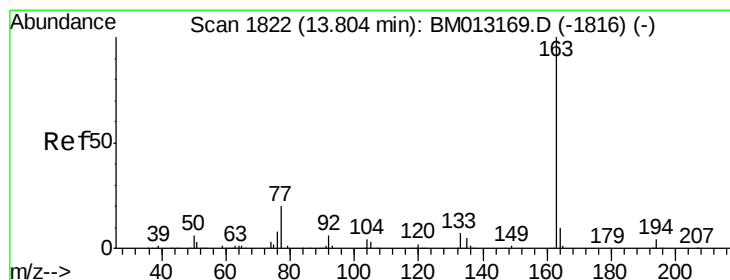
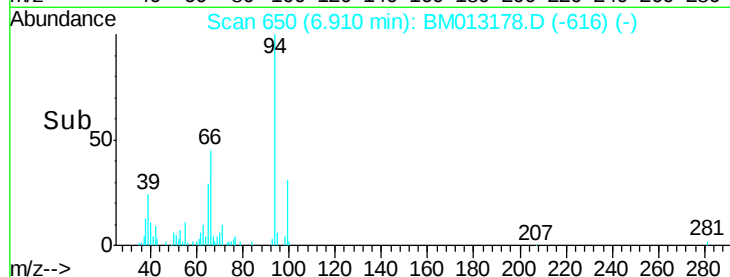
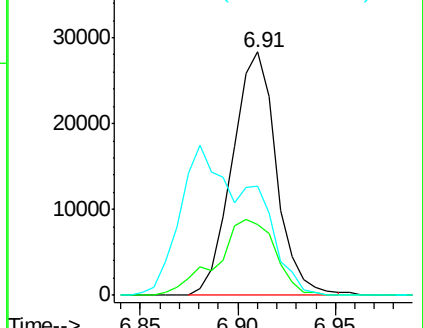
66 44.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013169.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013169.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013169.D (-643) (-)



#44

Dimethylphthalate

Concen: 3.35 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

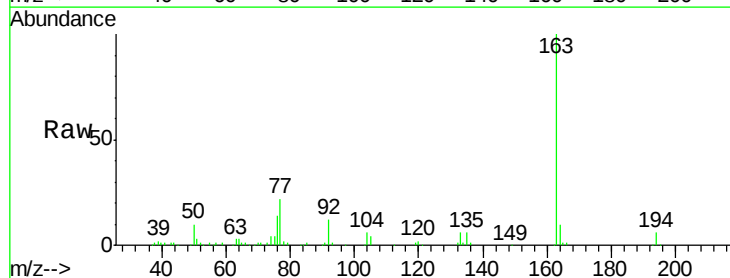
Tgt Ion: 163 Resp: 203111

Ion Ratio Lower Upper

163 100

194 5.9 3.5 5.3#

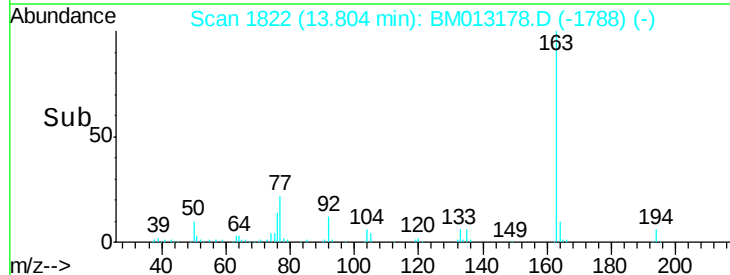
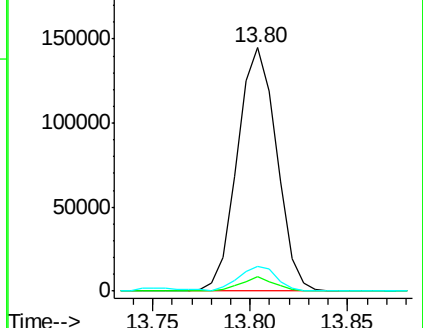
164 9.9 8.2 12.4

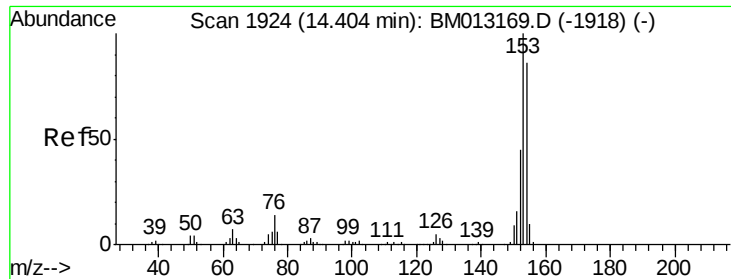


Abundance Ion 163.00 (162.70 to 163.70): BM013169.D (-1816) (-)

Ion 194.00 (193.70 to 194.70): BM013169.D (-1816) (-)

Ion 164.00 (163.70 to 164.70): BM013169.D (-1816) (-)





#49

Acenaphthene

Concen: 1.37 ng/ul

RT: 14.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

Instrument :

BNA_M

ClientSampleId :

C0244

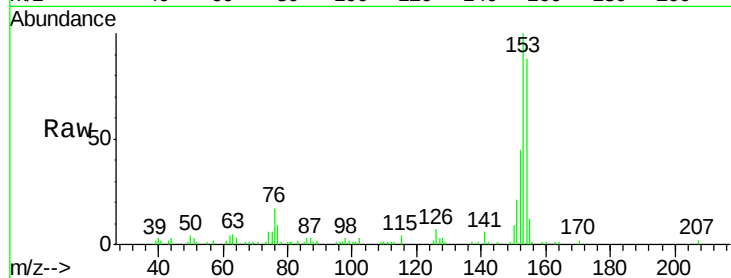
Tot Ion:153 Resp: 67686

Ion Ratio Lower Upper

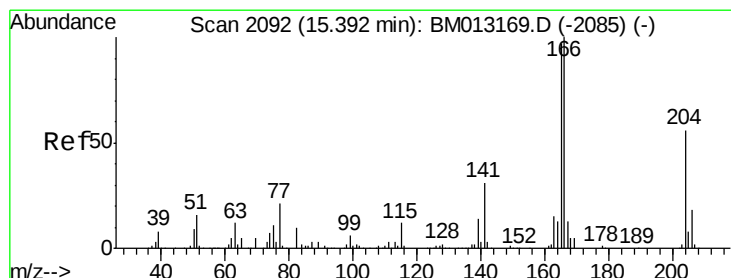
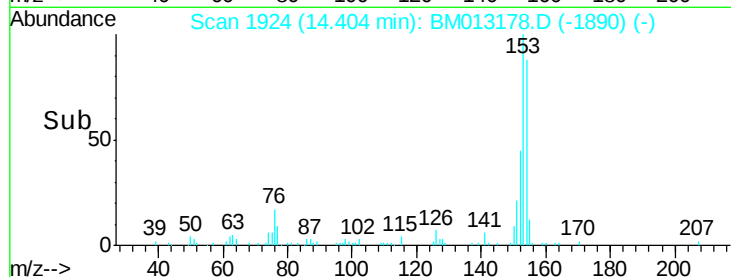
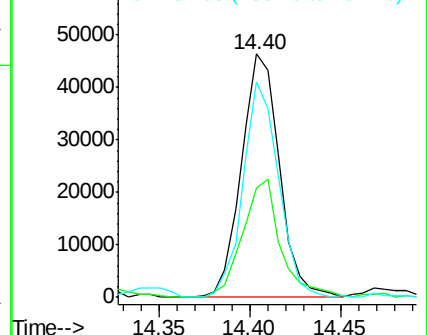
153 100

152 44.8 37.6 56.4

154 88.3 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 1.49 ng/ul

RT: 15.39 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

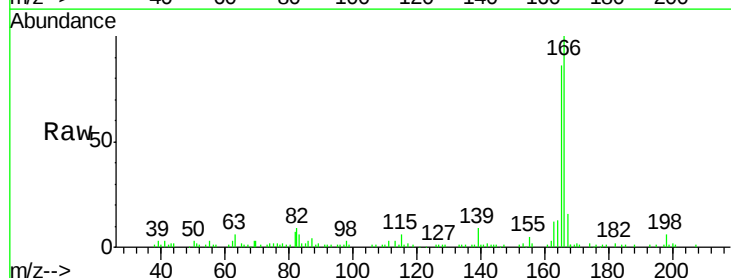
Tgt Ion:166 Resp: 90068

Ion Ratio Lower Upper

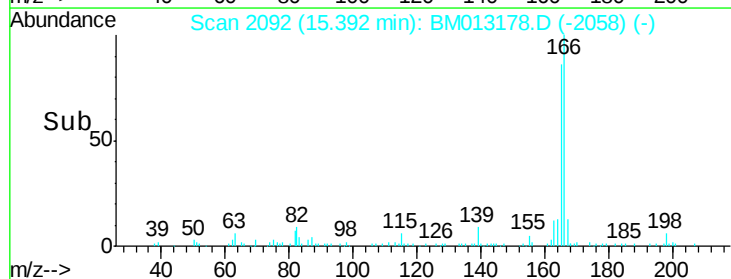
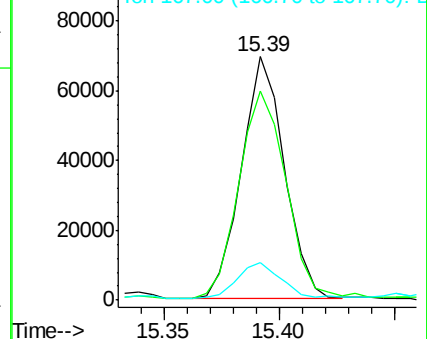
166 100

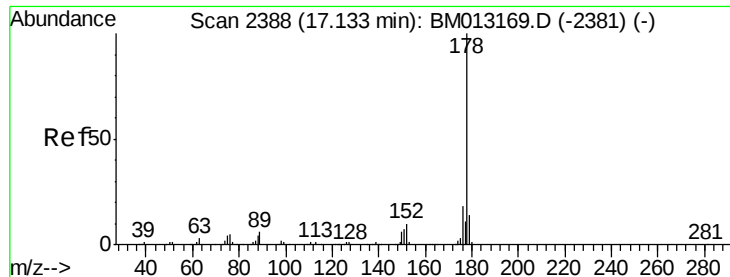
165 85.9 77.9 116.9

167 15.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 6.81 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

Instrument :

BNA_M

ClientSampleId :

C0244

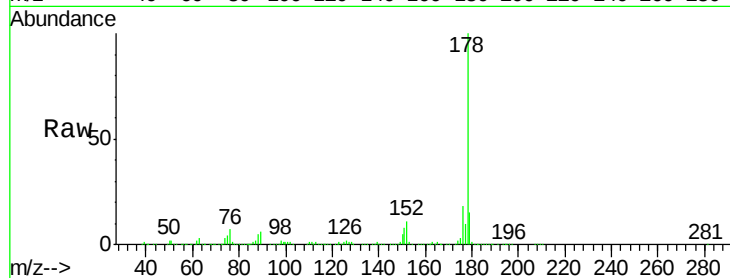
Tot Ion:178 Resp: 618032

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

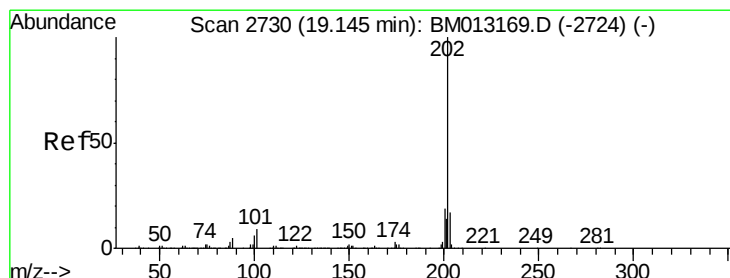
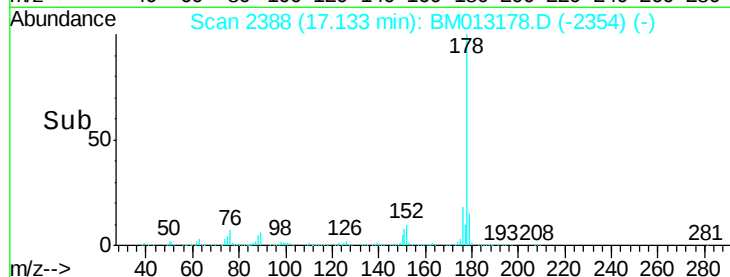
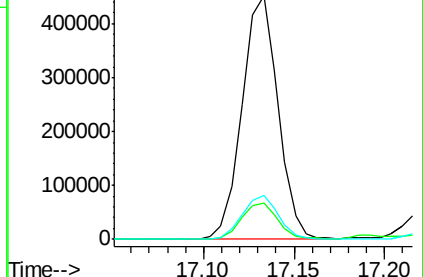
176 18.2 14.9 22.3



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



#74

Fluoranthene

Concen: 3.78 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

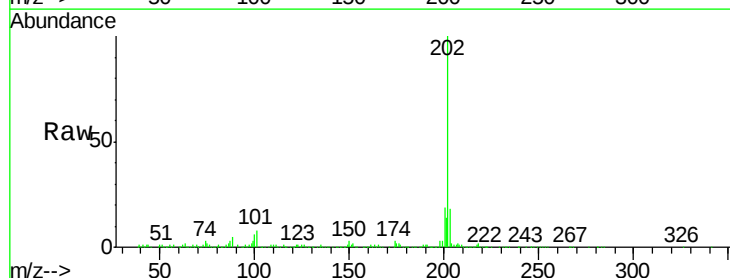
Tgt Ion:202 Resp: 421168

Ion Ratio Lower Upper

202 100

101 8.4 4.6 7.0#

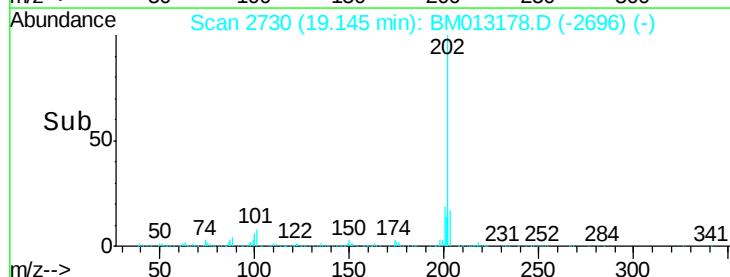
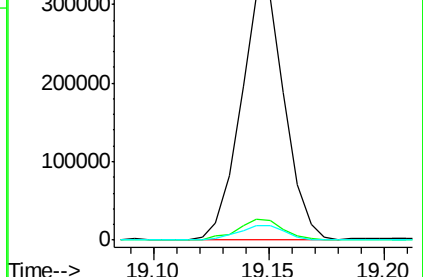
100 6.1 3.4 5.2#

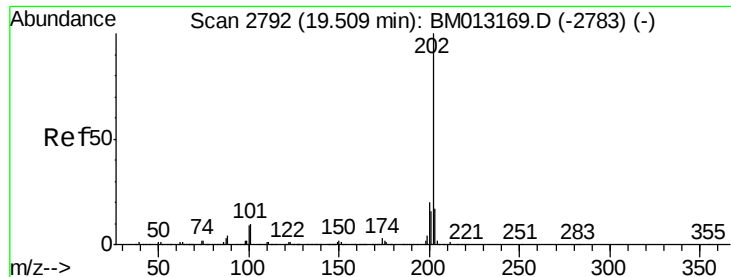


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

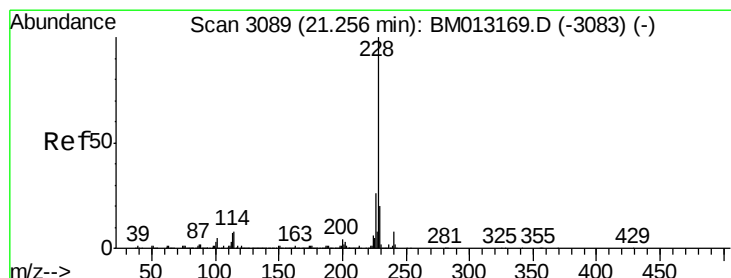
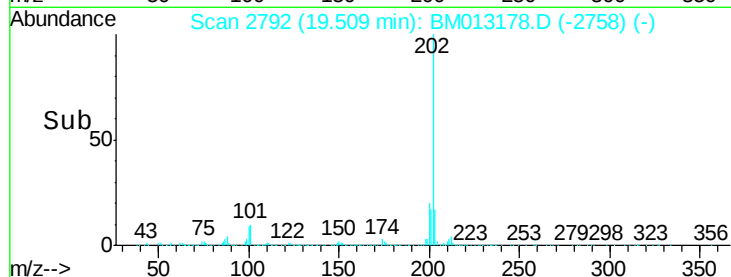
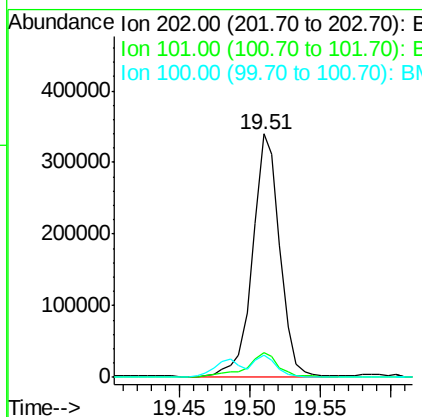
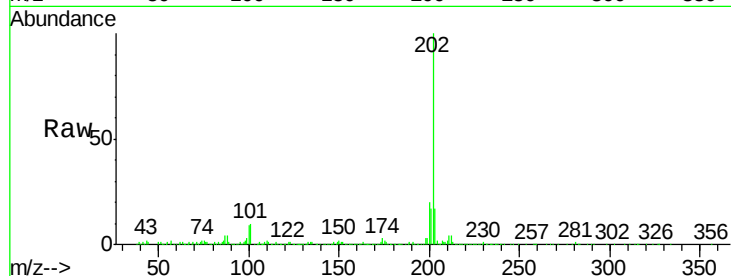




#77
Pvrene
Concen: 5.34 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

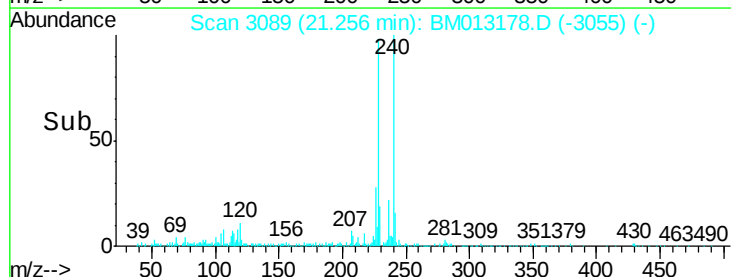
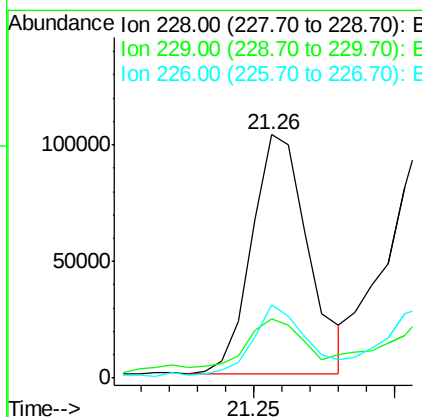
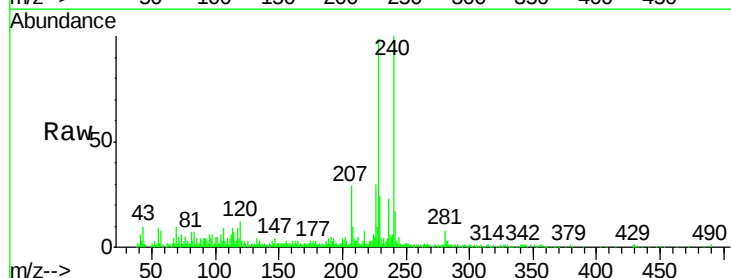
Instrument :
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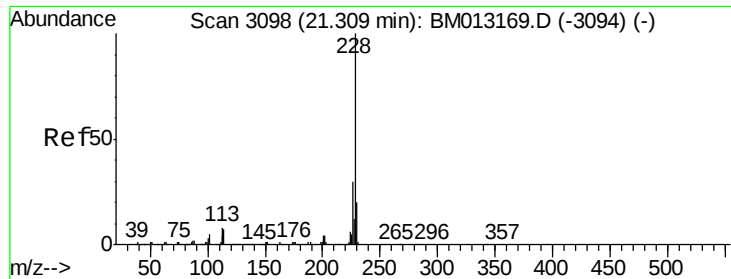
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.3	5.1	7.7#
100	9.2	4.9	7.3#



#80
Benzo(a)anthracene
Concen: 1.59 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.6	15.4	23.0#
226	30.3	21.4	32.0

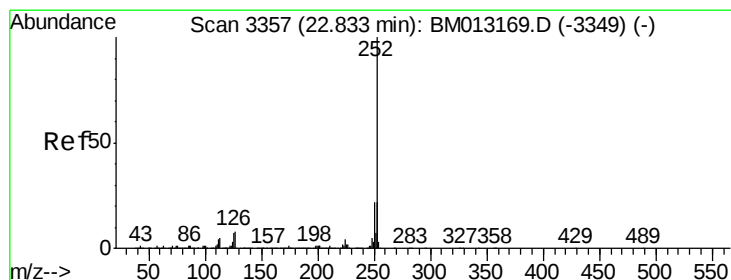
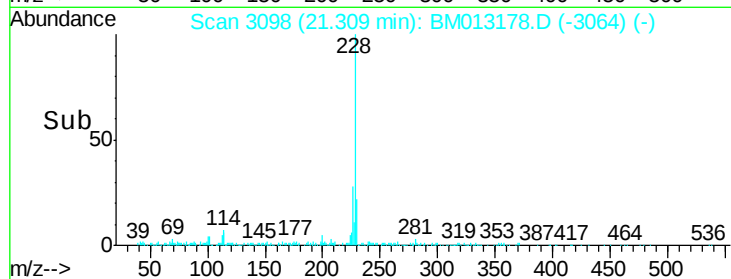
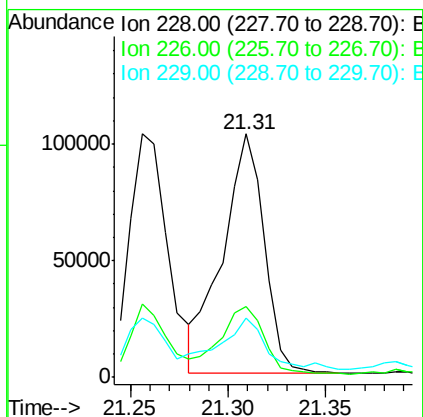
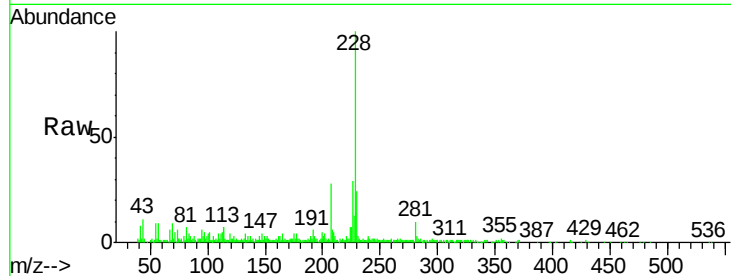




#82
Chrysene
Concen: 1.84 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

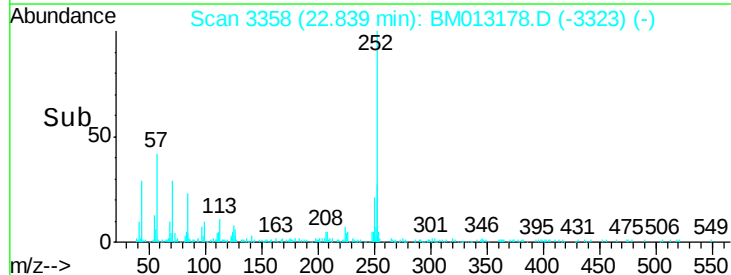
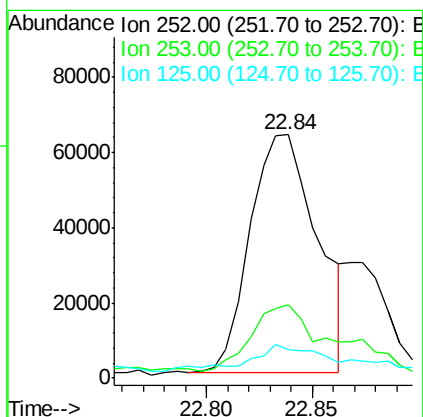
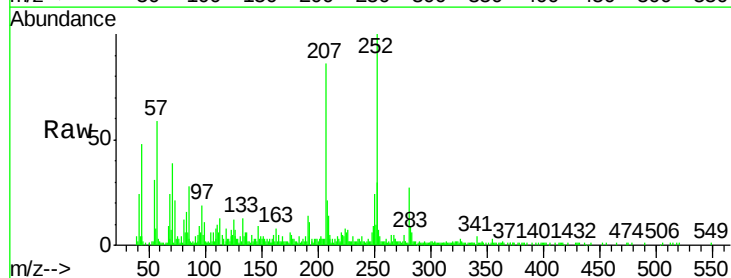
Instrument :
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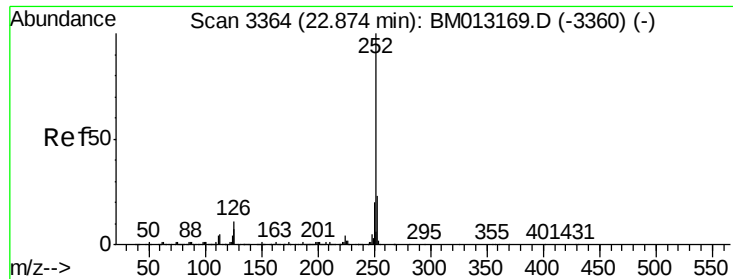
Tot Ion:228 Resp: 153342
Ion Ratio Lower Upper
228 100
226 29.0 23.4 35.2
229 24.4 15.5 23.3#



#85
Benzo(b)fluoranthene
Concen: 1.95 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013178.D
Acq: 04 Dec 2017 21:57

Tgt Ion:252 Resp: 140759
Ion Ratio Lower Upper
252 100
253 29.9 17.9 26.9#
125 11.8 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 2.07 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.04 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

Instrument :

BNA_M

ClientSampleId :

C0244

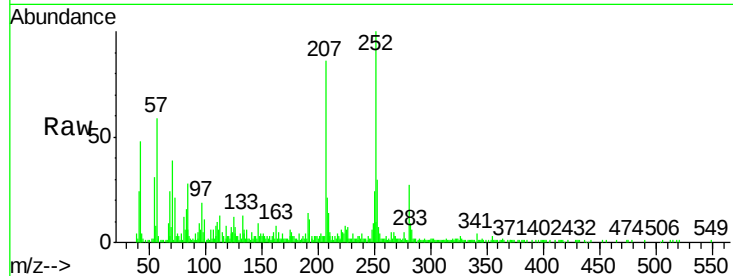
Tot Ion:252 Resp: 140759

Ion Ratio Lower Upper

252 100

253 29.9 17.1 25.7#

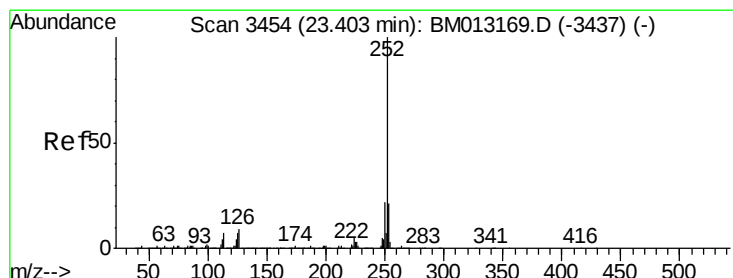
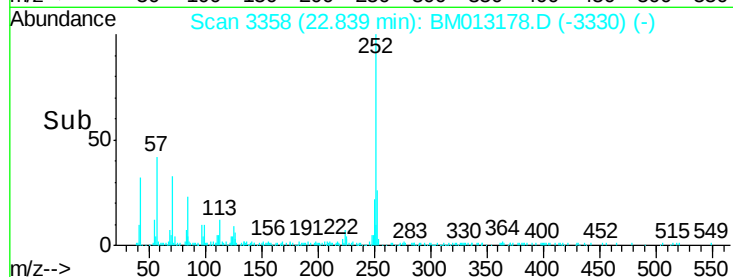
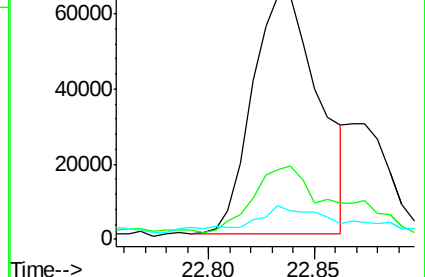
125 11.8 3.4 5.2#



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



#88

Benzo(a)pyrene

Concen: 1.36 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM013178.D

Acq: 04 Dec 2017 21:57

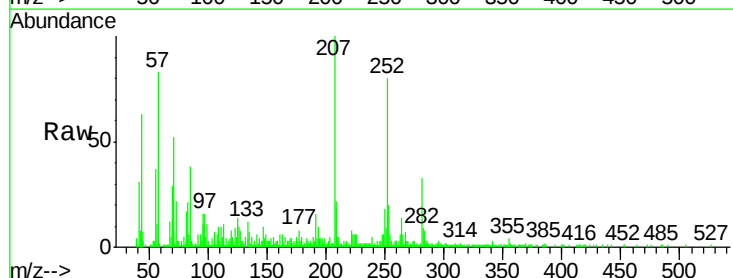
Tgt Ion:252 Resp: 88427

Ion Ratio Lower Upper

252 100

253 25.3 18.2 27.2

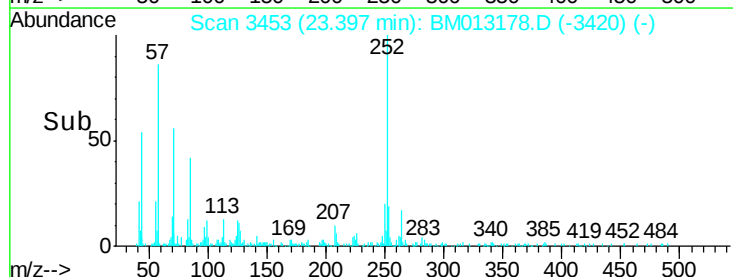
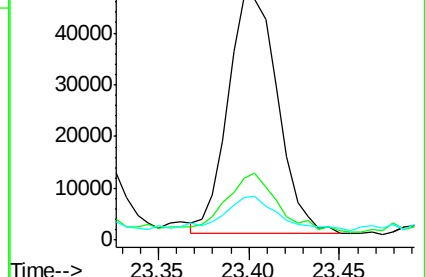
125 17.7 4.0 6.0#

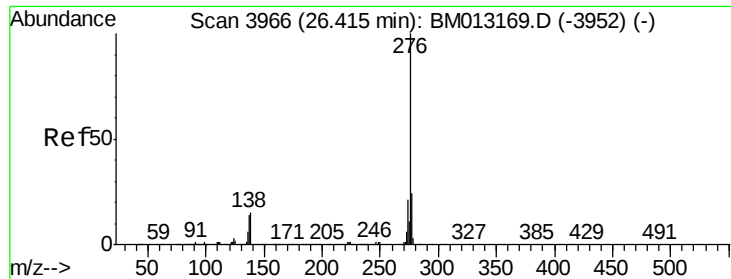


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.21 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM013178.D

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ClientSampleId :

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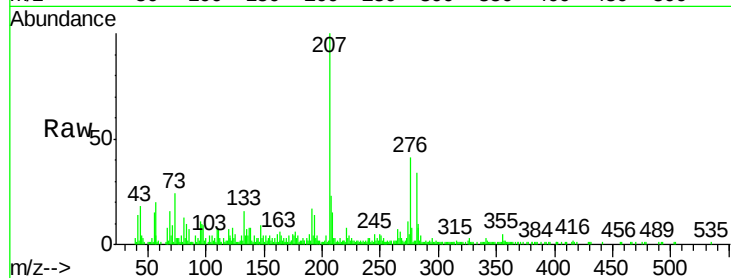
Tot Ion:276 Resp: 61448

Ion Ratio Lower Upper

276 100

138 19.2 8.5 12.7#

277 20.8 18.6 28.0



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

