

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020521\
 Data File : BM028662.D
 Acq On : 05 Feb 2021 13:50
 Operator : CG/JU
 Sample : SST00.281
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DFTPP23

Quant Time: Feb 05 15:58:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 15:47:53 2021
 Response via : Initial Calibration

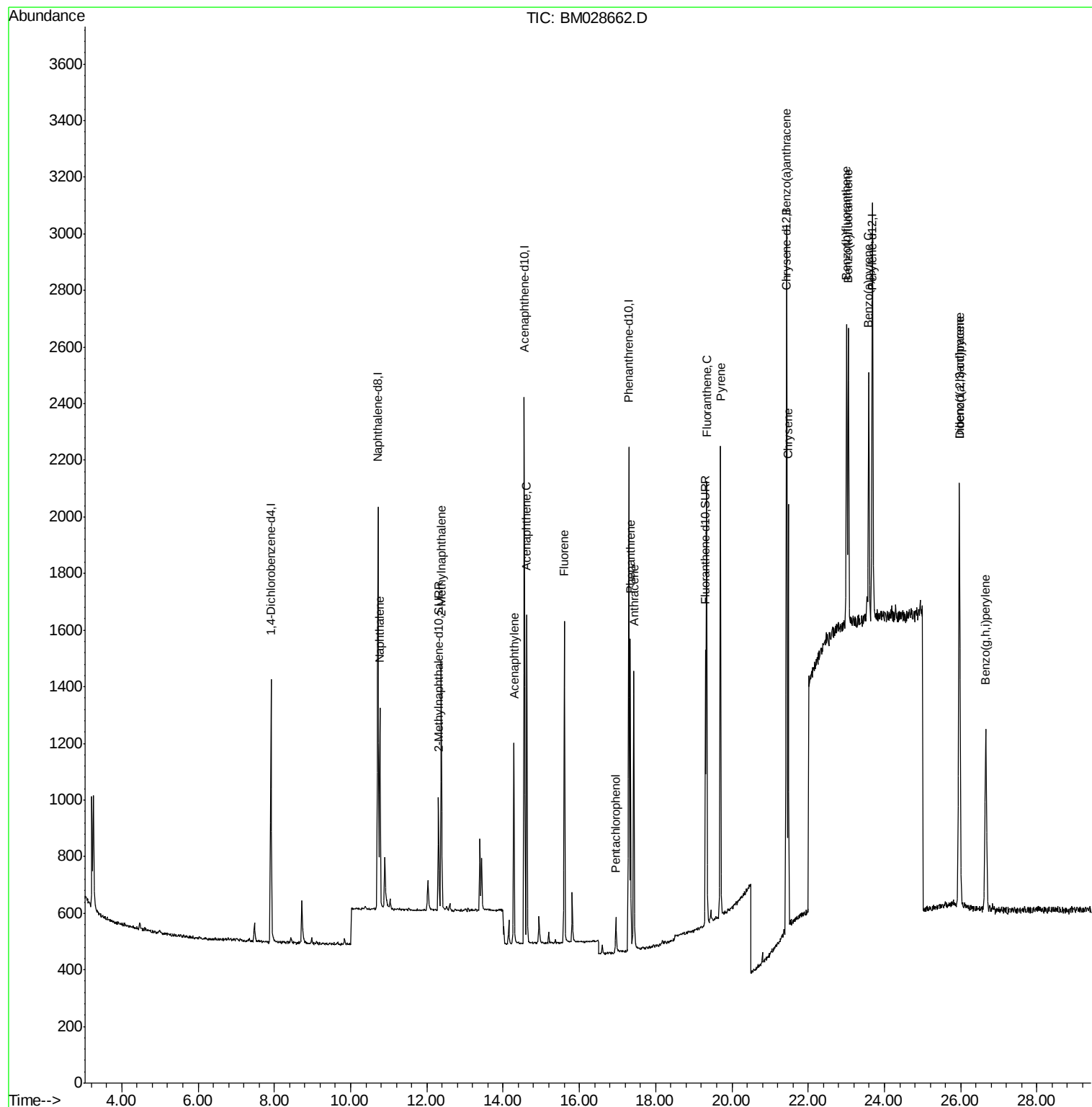
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	504	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	1992	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	1047	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	2066	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1853	0.40	ng/ul	0.00
20) Perylene-d12	23.69	264	1903	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	547	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	1044	0.19	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.77	128	990	0.166	ng/ul#	91
5) 2-Methylnaphthalene	12.38	142	662	0.163	ng/ul	97
7) Acenaphthylene	14.28	152	848	0.166	ng/ul#	91
8) Acenaphthene	14.62	153	673	0.176	ng/ul	98
9) Fluorene	15.60	166	741	0.167	ng/ul#	99
11) Pentachlorophenol	16.96	266	100	0.142	ng/ul	95
12) Phenanthrene	17.34	178	1156	0.177	ng/ul	95
13) Anthracene	17.43	178	1103	0.175	ng/ul	95
15) Fluoranthene	19.34	202	1321	0.183	ng/ul	94
17) Pyrene	19.70	202	1371	0.146	ng/ul#	94
18) Benzo(a)anthracene	21.43	228	1275	0.171	ng/ul	95
19) Chrysene	21.48	228	1244	0.171	ng/ul	93
21) Benzo(b)fluoranthene	23.01	252	1297	0.162	ng/ul	78
22) Benzo(k)fluoranthene	23.05	252	1316	0.168	ng/ul#	79
23) Benzo(a)pyrene	23.59	252	1164	0.166	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.96	276	1510	0.199	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.97	278	1278	0.203	ng/ul#	83
26) Benzo(g,h,i)perylene	26.66	276	1277	0.201	ng/ul#	85

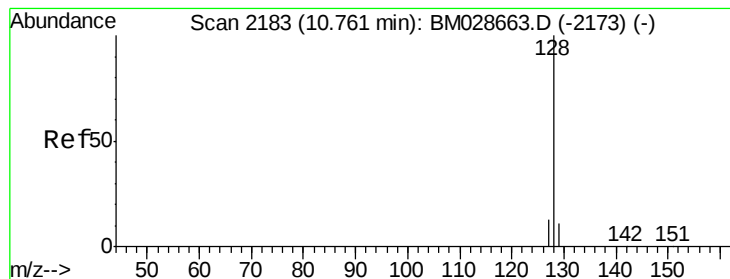
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.166 ng/ul

RT: 10.77 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

Instrument :

BNA_M

ClientSampleId :

DFTPP23

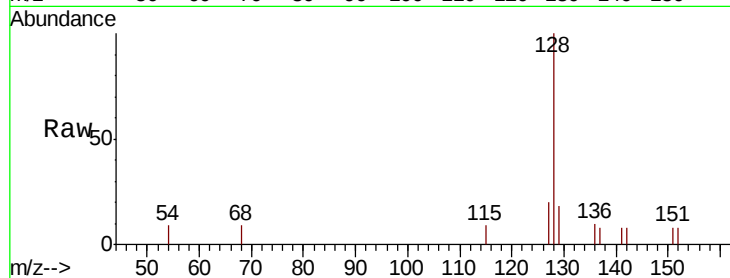
Tot Ion:128 Resp: 990

Ion Ratio Lower Upper

128 100

129 18.2 11.4 17.2#

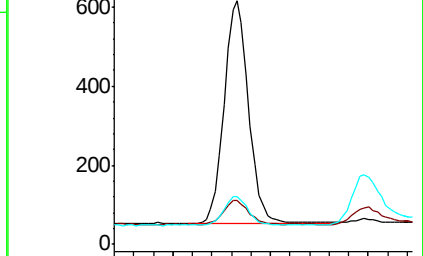
127 19.6 13.0 19.6#



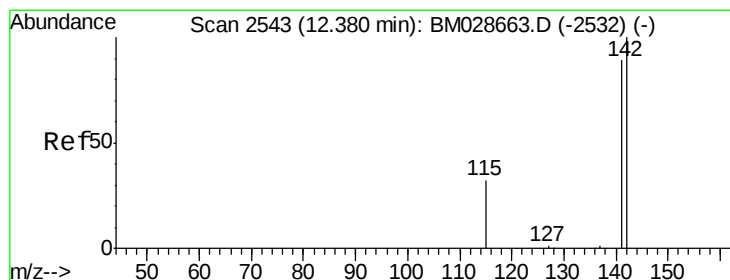
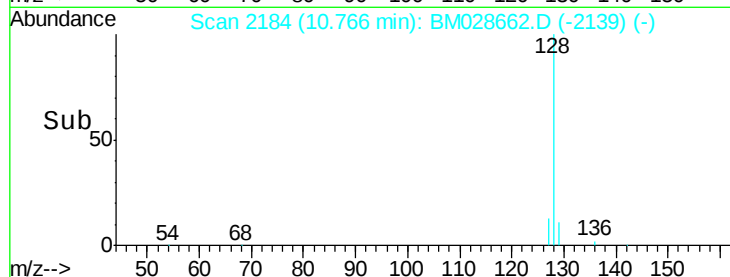
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.163 ng/ul

RT: 12.38 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM028662.D

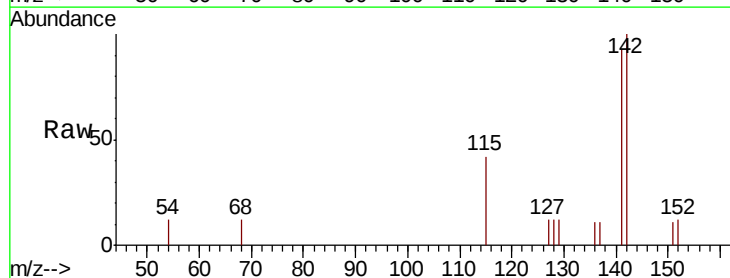
Acq: 05 Feb 2021 13:50

Tgt Ion:142 Resp: 662

Ion Ratio Lower Upper

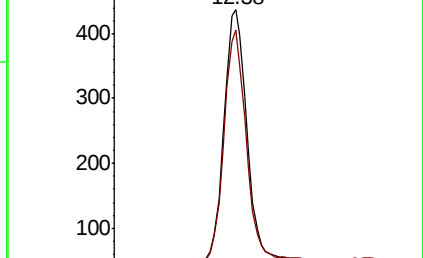
142 100

141 87.5 72.2 108.4

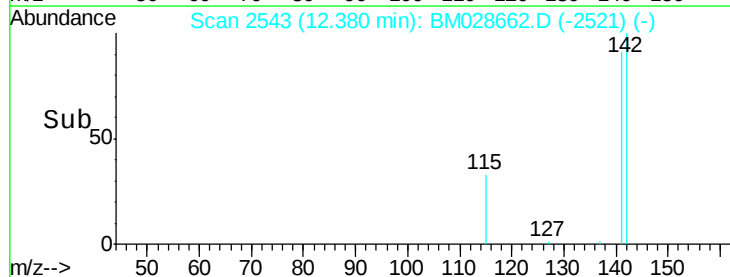


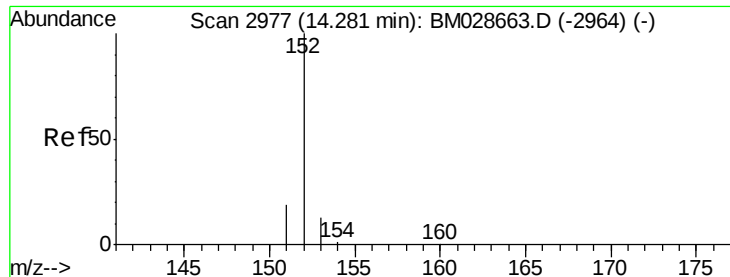
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.166 ng/ul

RT: 14.28 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

Instrument :

BNA_M

ClientSampleId :

DFTPP23

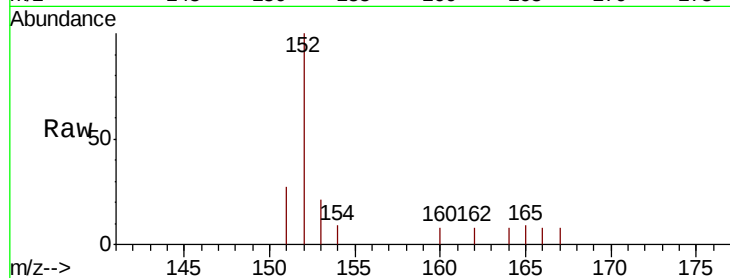
Tot Ion:152 Resp: 848

Ion Ratio Lower Upper

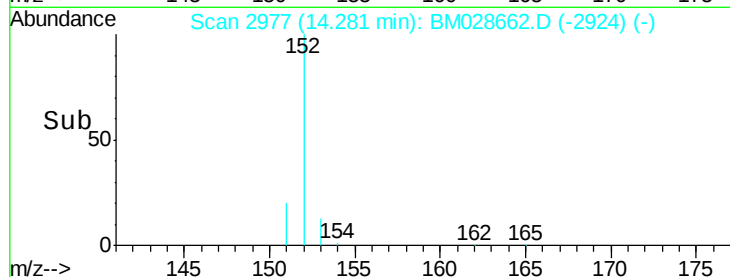
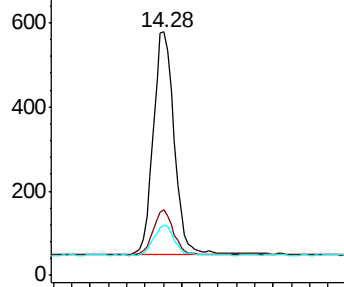
152 100

151 26.8 18.0 27.0

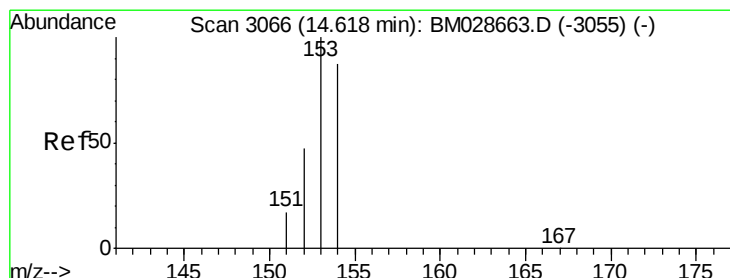
153 20.6 13.4 20.0#



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



Time-->



#8

Acenaphthene

Concen: 0.176 ng/ul

RT: 14.62 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

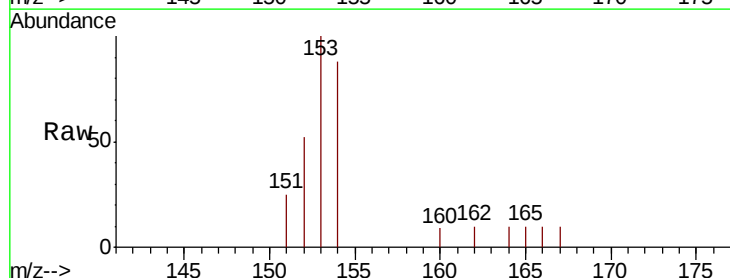
Tgt Ion:153 Resp: 673

Ion Ratio Lower Upper

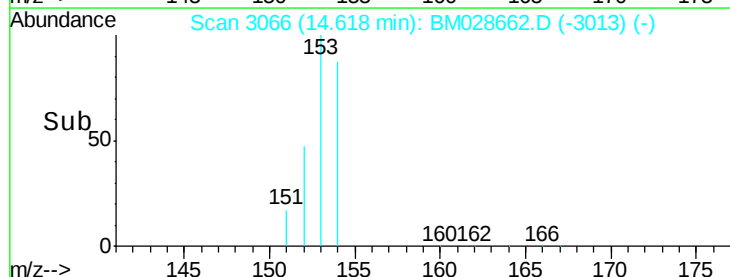
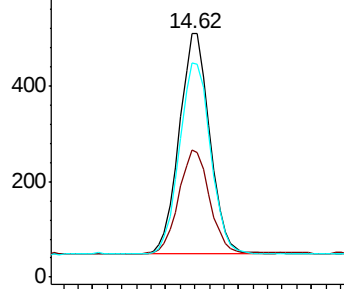
153 100

152 52.3 39.6 59.4

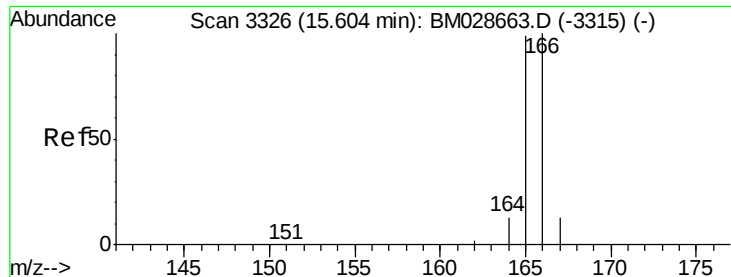
154 88.0 70.3 105.5



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



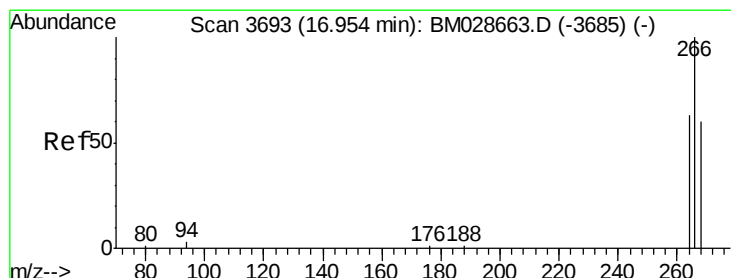
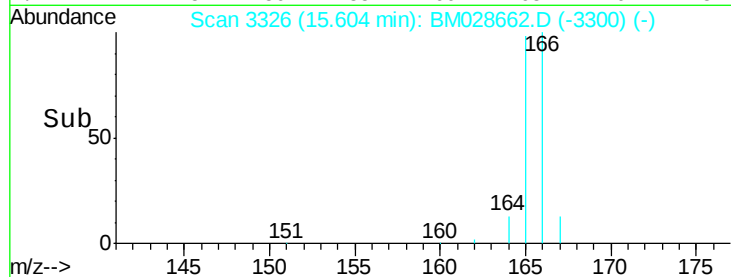
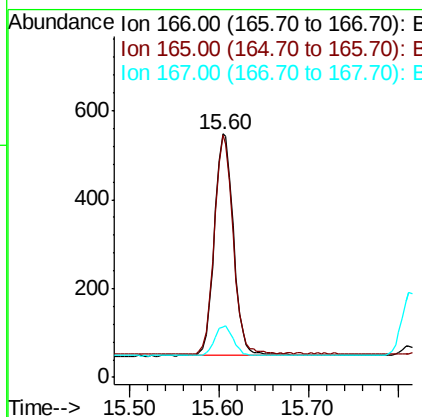
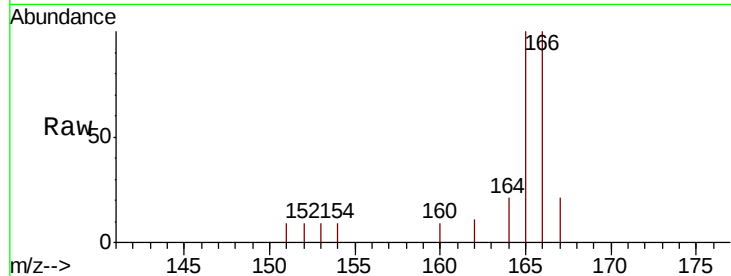
Time-->



#9
Fluorene
 Concen: 0.167 ng/ul
 RT: 15.60 min Scan# 3326
 Delta R.T. 0.00 min
 Lab File: BM028662.D
 Acq: 05 Feb 2021 13:50

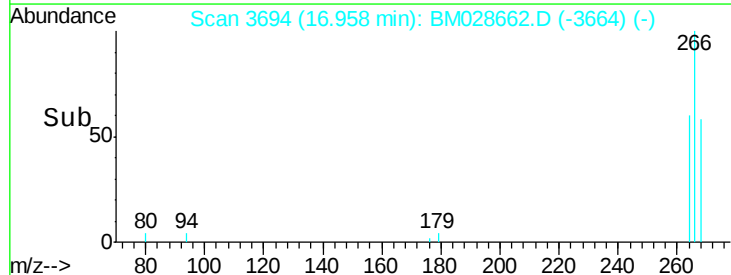
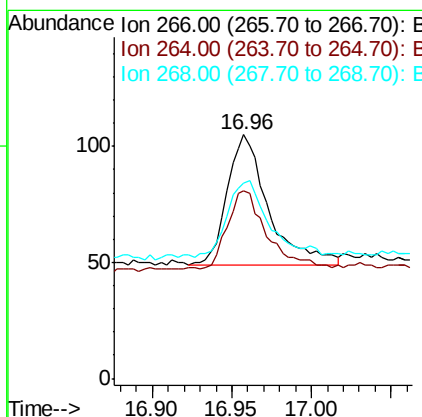
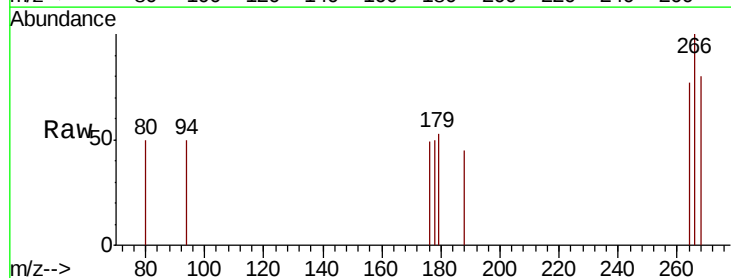
Instrument :
 BNA_M
 ClientSampleId :
 DFTPP23

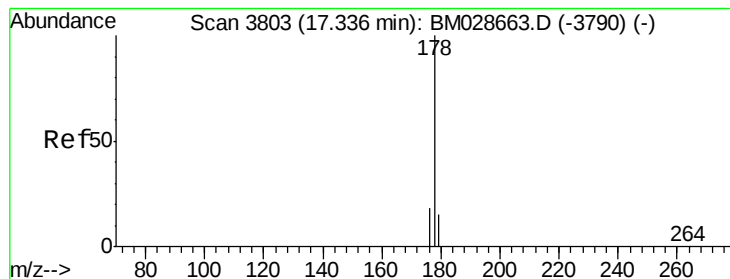
Tot Ion:166 Resp: 741
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.6 119.4
 167 21.0 13.9 20.9#



#11
Pentachlorophenol
 Concen: 0.142 ng/ul
 RT: 16.96 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: BM028662.D
 Acq: 05 Feb 2021 13:50

Tgt Ion:266 Resp: 100
 Ion Ratio Lower Upper
 266 100
 264 60.0 51.0 76.4
 268 62.0 53.0 79.4





#12

Phenanthrene

Concen: 0.177 ng/ul

RT: 17.34 min Scan# 3803

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

Instrument :

BNA_M

ClientSampleId :

DFTPP23

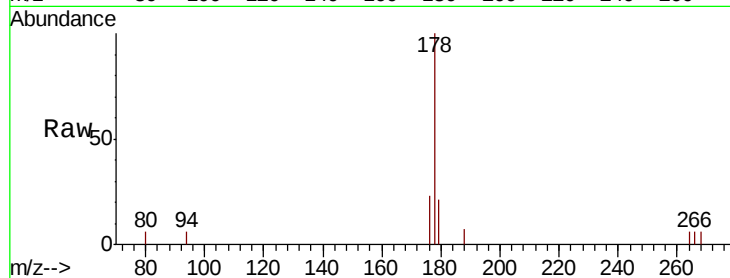
Tot Ion:178 Resp: 1156

Ion Ratio Lower Upper

178 100

179 21.1 14.7 22.1

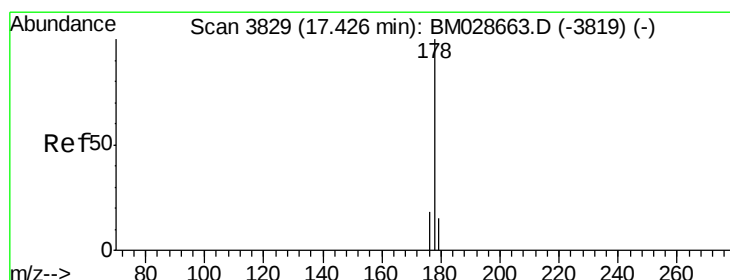
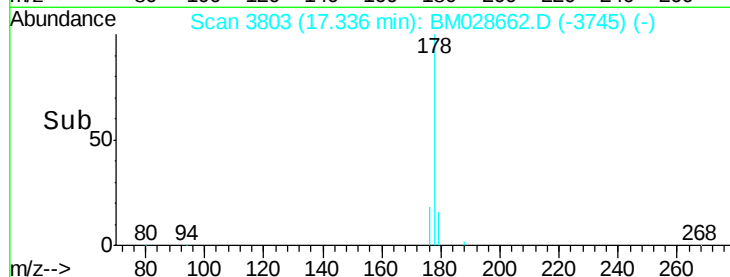
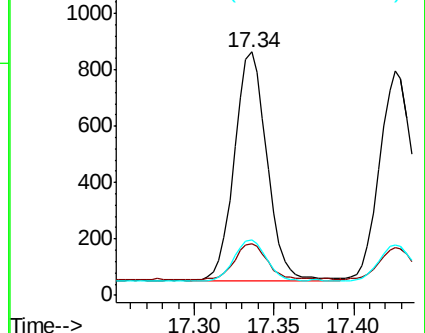
176 23.0 16.7 25.1



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



#13

Anthracene

Concen: 0.175 ng/ul

RT: 17.43 min Scan# 3829

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

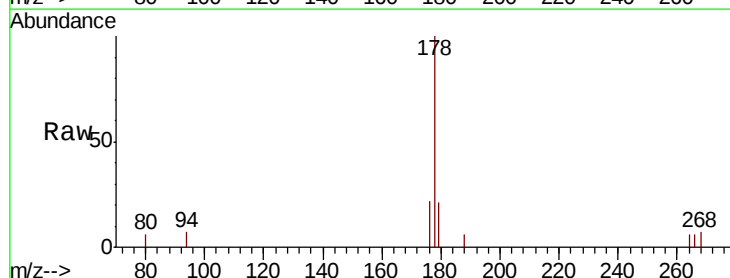
Tgt Ion:178 Resp: 1103

Ion Ratio Lower Upper

178 100

179 21.3 15.0 22.4

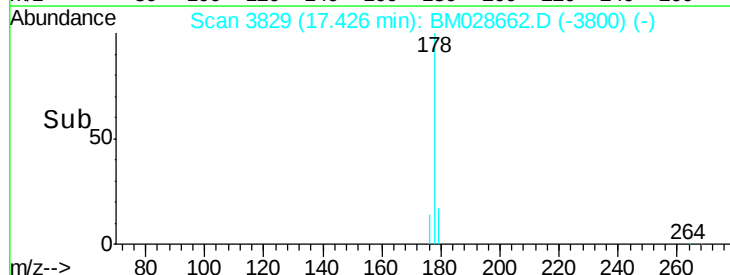
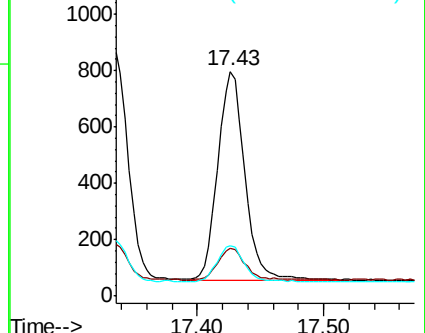
176 22.5 16.6 24.8

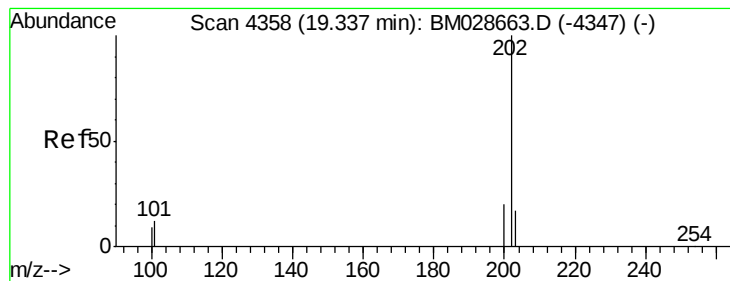


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.183 ng/ul

RT: 19.34 min Scan# 4358

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

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DFTPP23

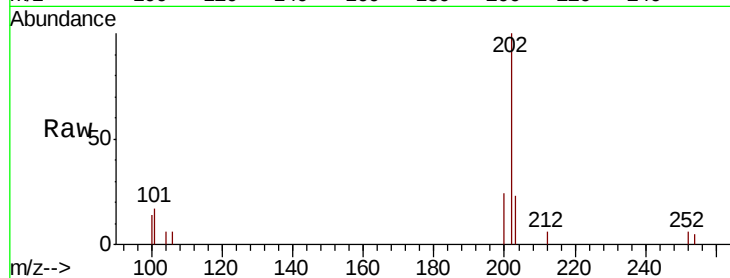
Tot Ion:202 Resp: 1321

Ion Ratio Lower Upper

202 100

101 16.9 0.0 34.5

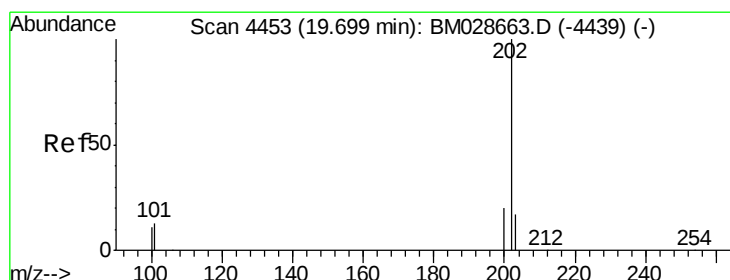
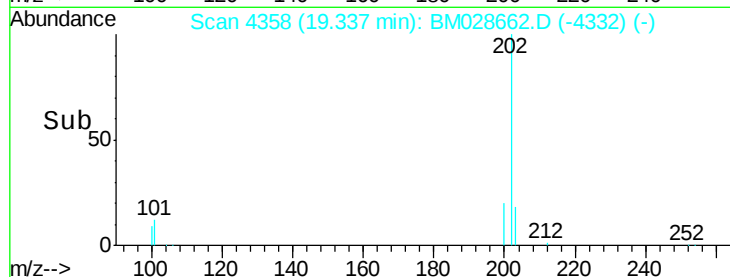
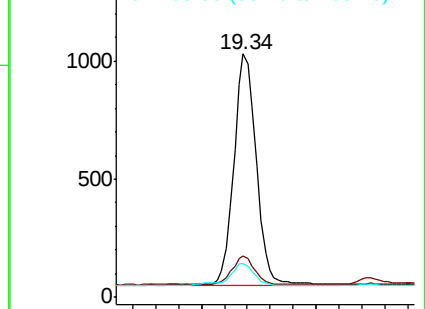
100 13.7 0.0 31.7



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



#17

Pyrene

Concen: 0.146 ng/ul

RT: 19.70 min Scan# 4453

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

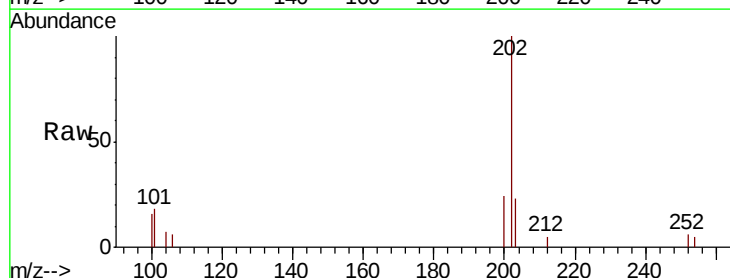
Tgt Ion:202 Resp: 1371

Ion Ratio Lower Upper

202 100

101 18.2 12.7 19.1

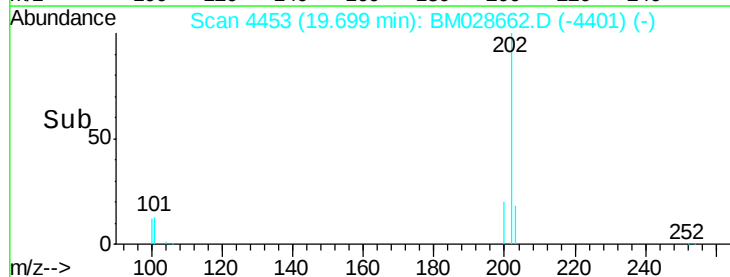
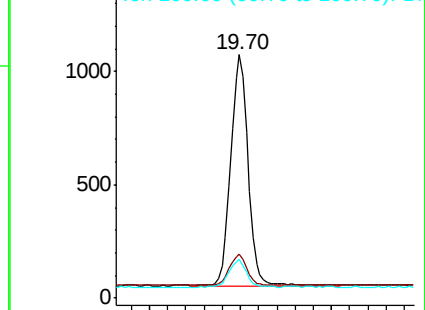
100 15.7 10.2 15.4#

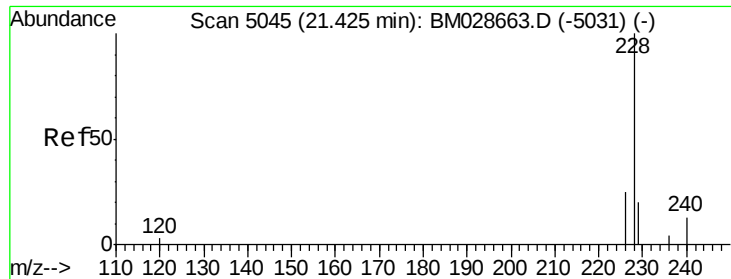


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.171 ng/ul

RT: 21.43 min Scan# 5045

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

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DFTPP23

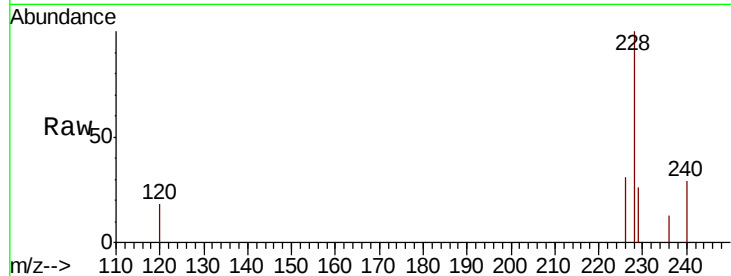
Tot Ion:228 Resp: 1275

Ion Ratio Lower Upper

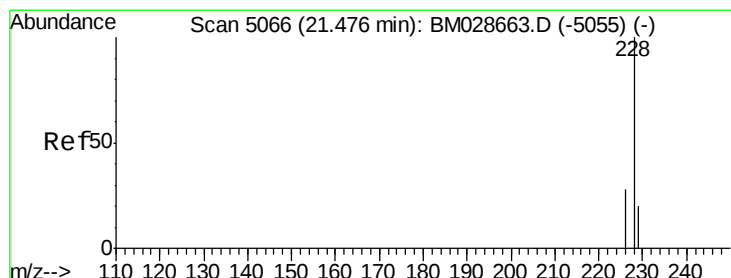
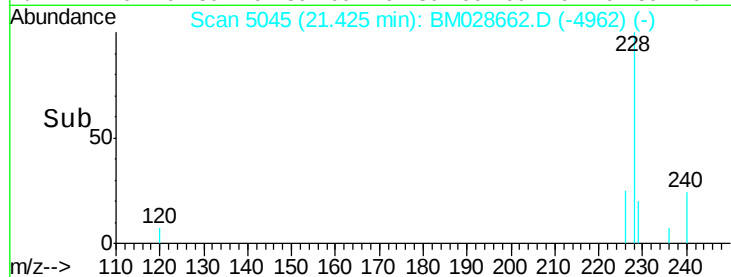
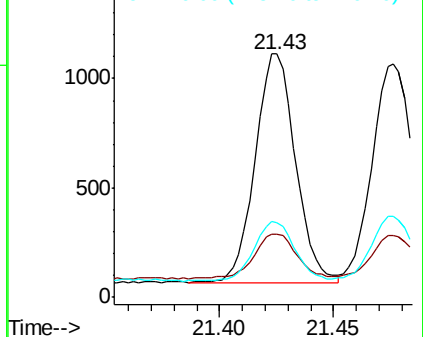
228 100

229 26.1 18.9 28.3

226 30.6 22.6 34.0



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



#19

Chrysene

Concen: 0.171 ng/ul

RT: 21.48 min Scan# 5066

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

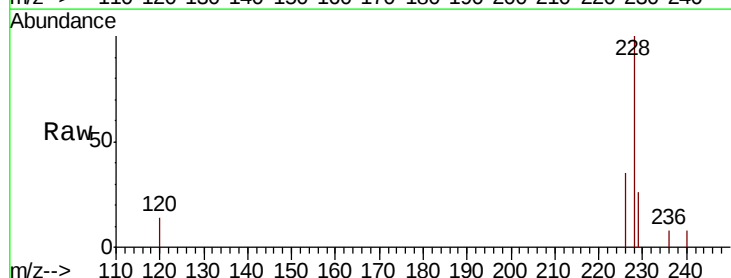
Tgt Ion:228 Resp: 1244

Ion Ratio Lower Upper

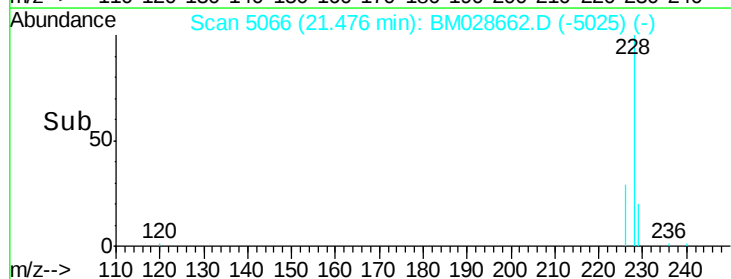
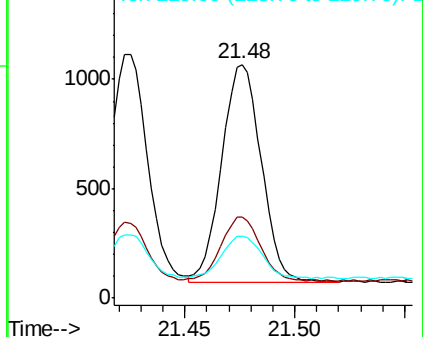
228 100

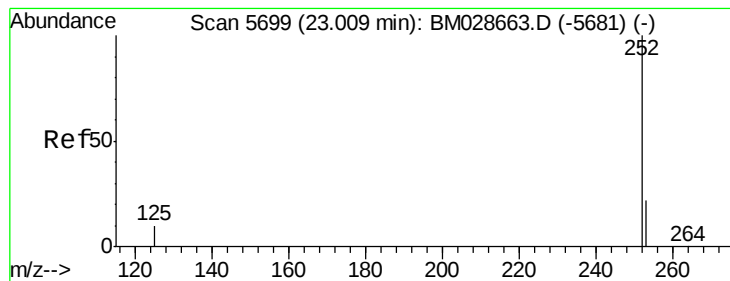
226 34.8 24.6 37.0

229 26.5 18.8 28.2



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





#21

Benzo(b)fluoranthene

Concen: 0.162 ng/ul

RT: 23.01 min Scan# 5699

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

Instrument :

BNA_M

ClientSampleId :

DFTPP23

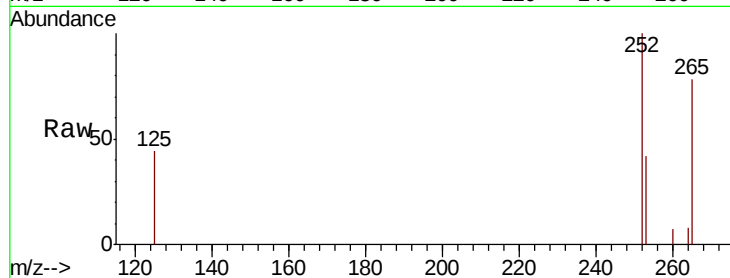
Tot Ion:252 Resp: 1297

Ion Ratio Lower Upper

252 100

253 42.3 0.0 67.0

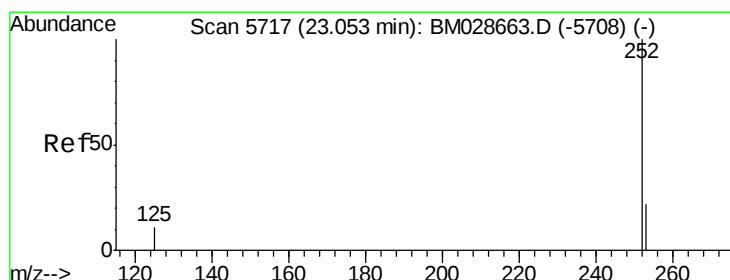
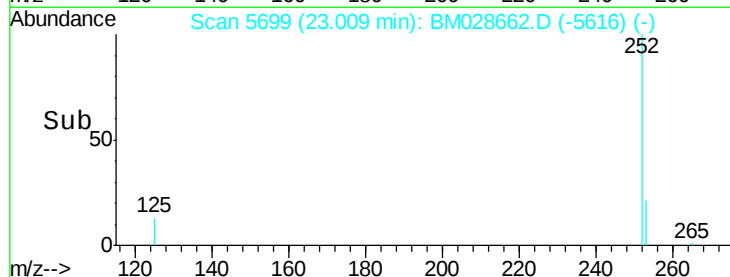
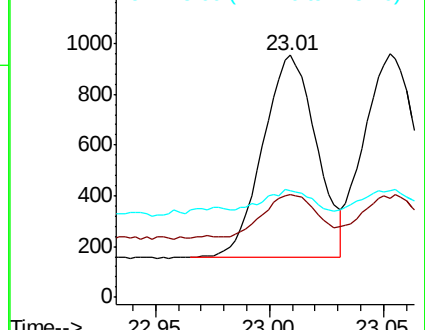
125 44.2 0.0 57.4



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



#22

Benzo(k)fluoranthene

Concen: 0.168 ng/ul

RT: 23.05 min Scan# 5717

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

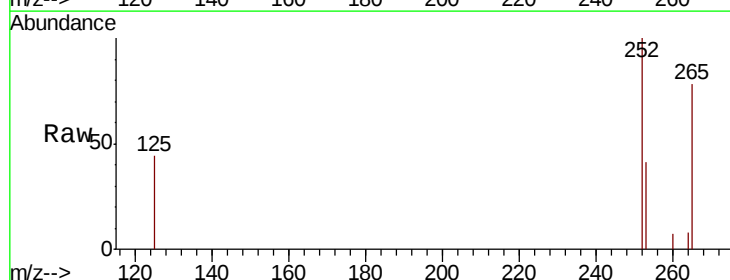
Tgt Ion:252 Resp: 1316

Ion Ratio Lower Upper

252 100

253 40.8 26.3 39.5#

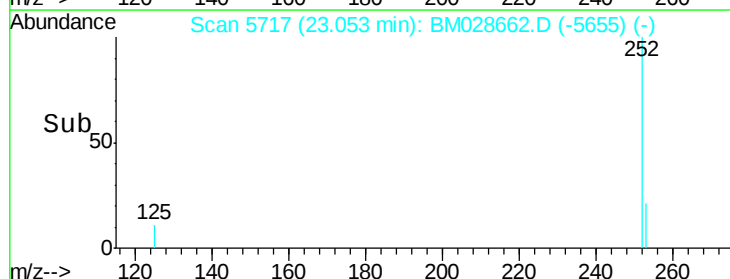
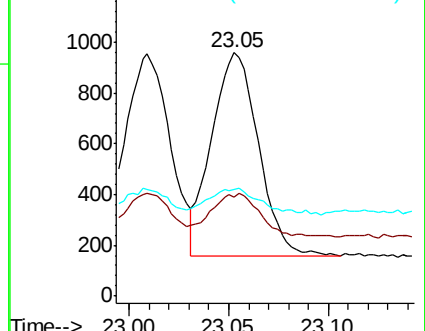
125 43.6 22.9 34.3#

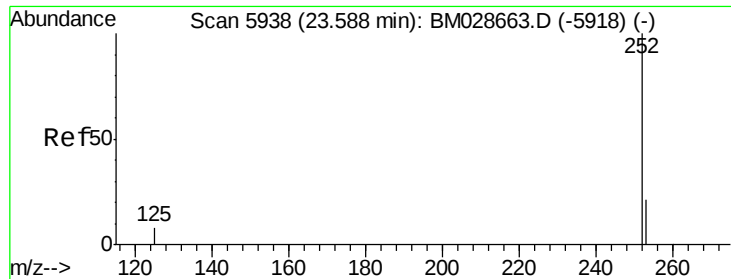


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.166 ng/ul

RT: 23.59 min Scan# 5938

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

Instrument :

BNA_M

ClientSampleId :

DFTPP23

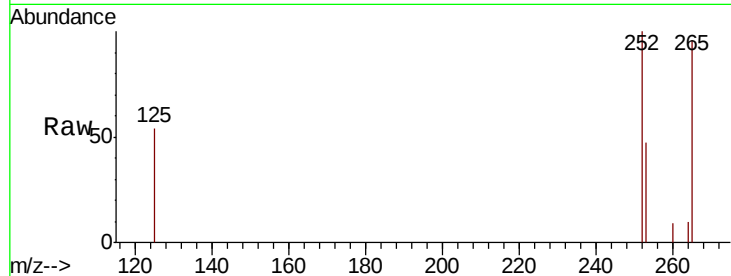
Tot Ion:252 Resp: 1164

Ion Ratio Lower Upper

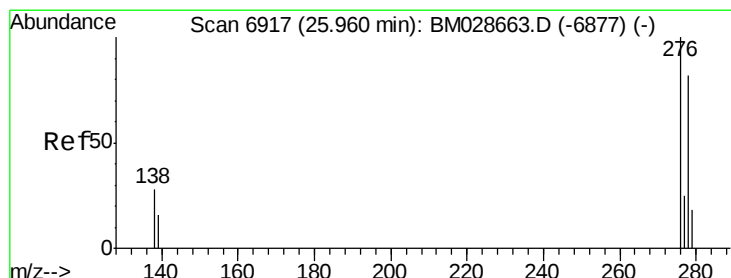
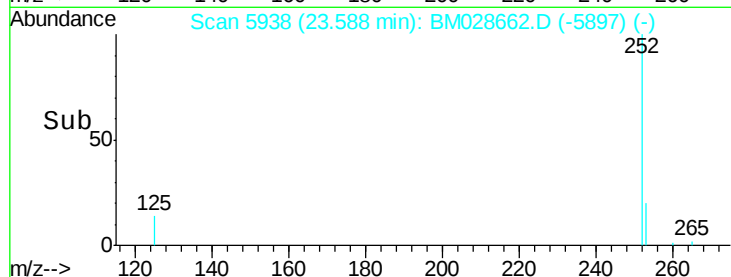
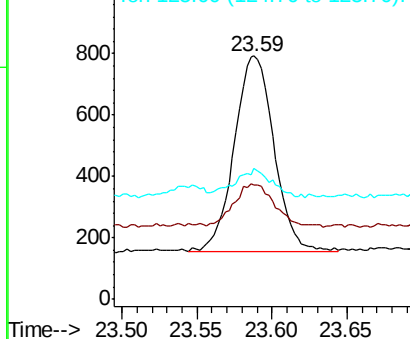
252 100

253 46.9 28.7 43.1#

125 53.7 27.9 41.9#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng/ul

RT: 25.96 min Scan# 6917

Delta R.T. 0.00 min

Lab File: BM028662.D

Acq: 05 Feb 2021 13:50

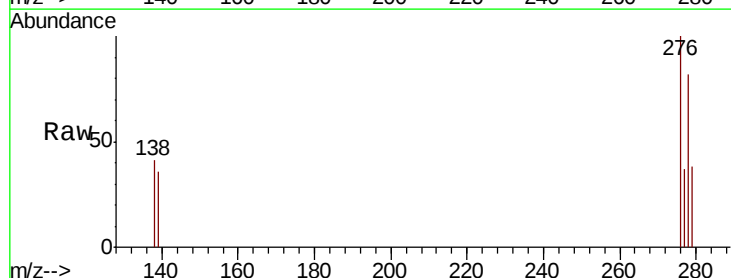
Tgt Ion:276 Resp: 1510

Ion Ratio Lower Upper

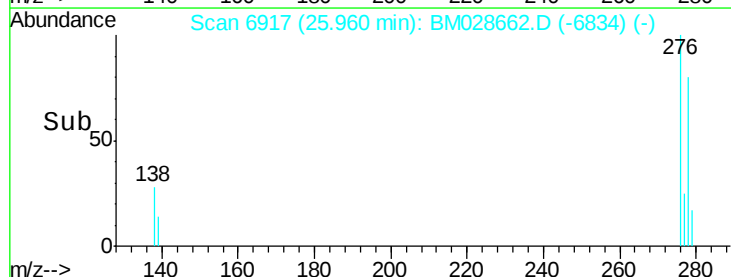
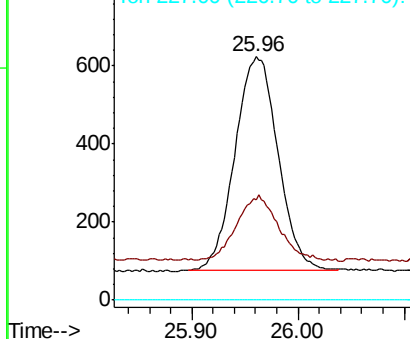
276 100

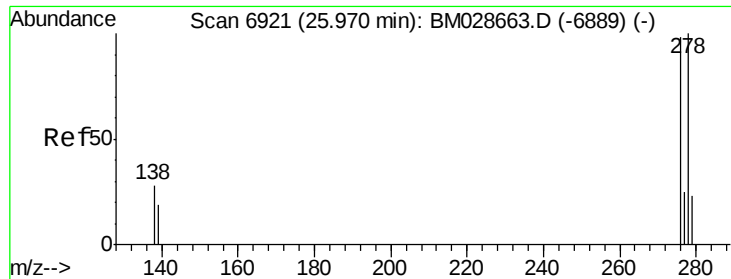
138 29.5 0.0 0.0#

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

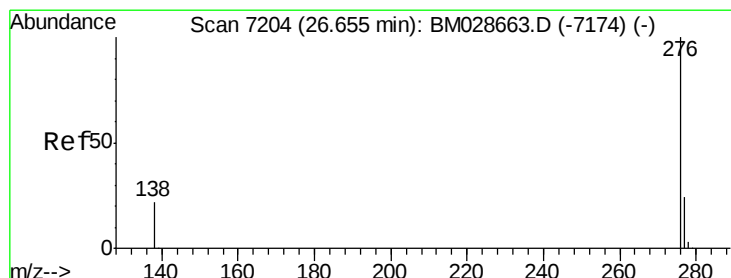
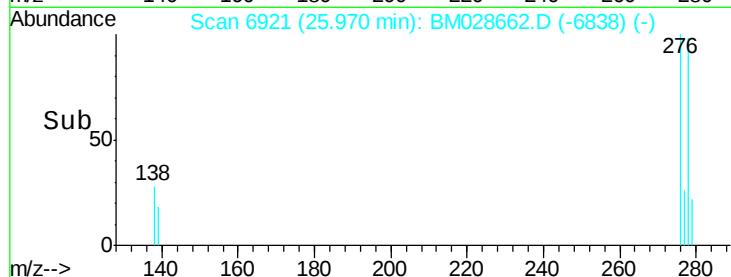
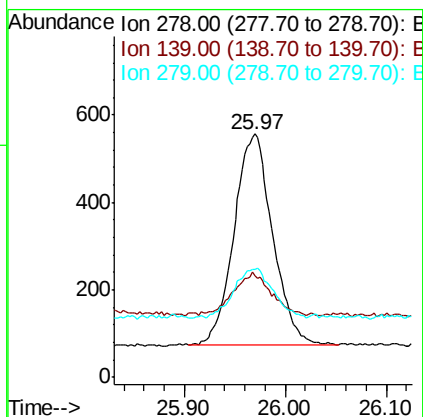
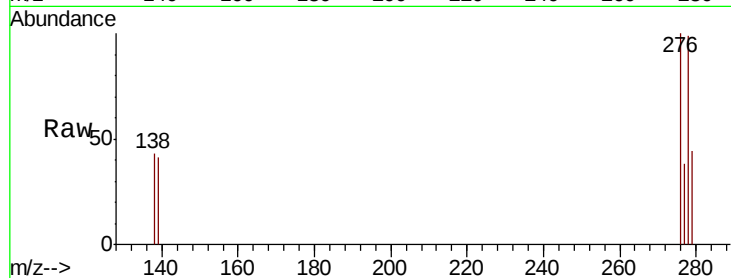




#25
Dibenzo(a,h)anthracene
Concen: 0.203 ng/u1
RT: 25.97 min Scan# 6921
Delta R.T. 0.00 min
Lab File: BM028662.D
Acq: 05 Feb 2021 13:50

Instrument :
BNA_M
ClientSampleId :
DFTPP23

Tot Ion:278 Resp: 1278
Ion Ratio Lower Upper
278 100
139 41.5 24.9 37.3#
279 44.2 28.3 42.5#



#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/u1
RT: 26.66 min Scan# 7206
Delta R.T. 0.00 min
Lab File: BM028662.D
Acq: 05 Feb 2021 13:50

Tgt Ion:276 Resp: 1277
Ion Ratio Lower Upper
276 100
138 40.5 25.4 38.2#
277 39.1 25.3 37.9#

