

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020521\
 Data File : BM028665.D
 Acq On : 05 Feb 2021 15:44
 Operator : CG/JU
 Sample : SST00.180
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 05 16:30:05 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

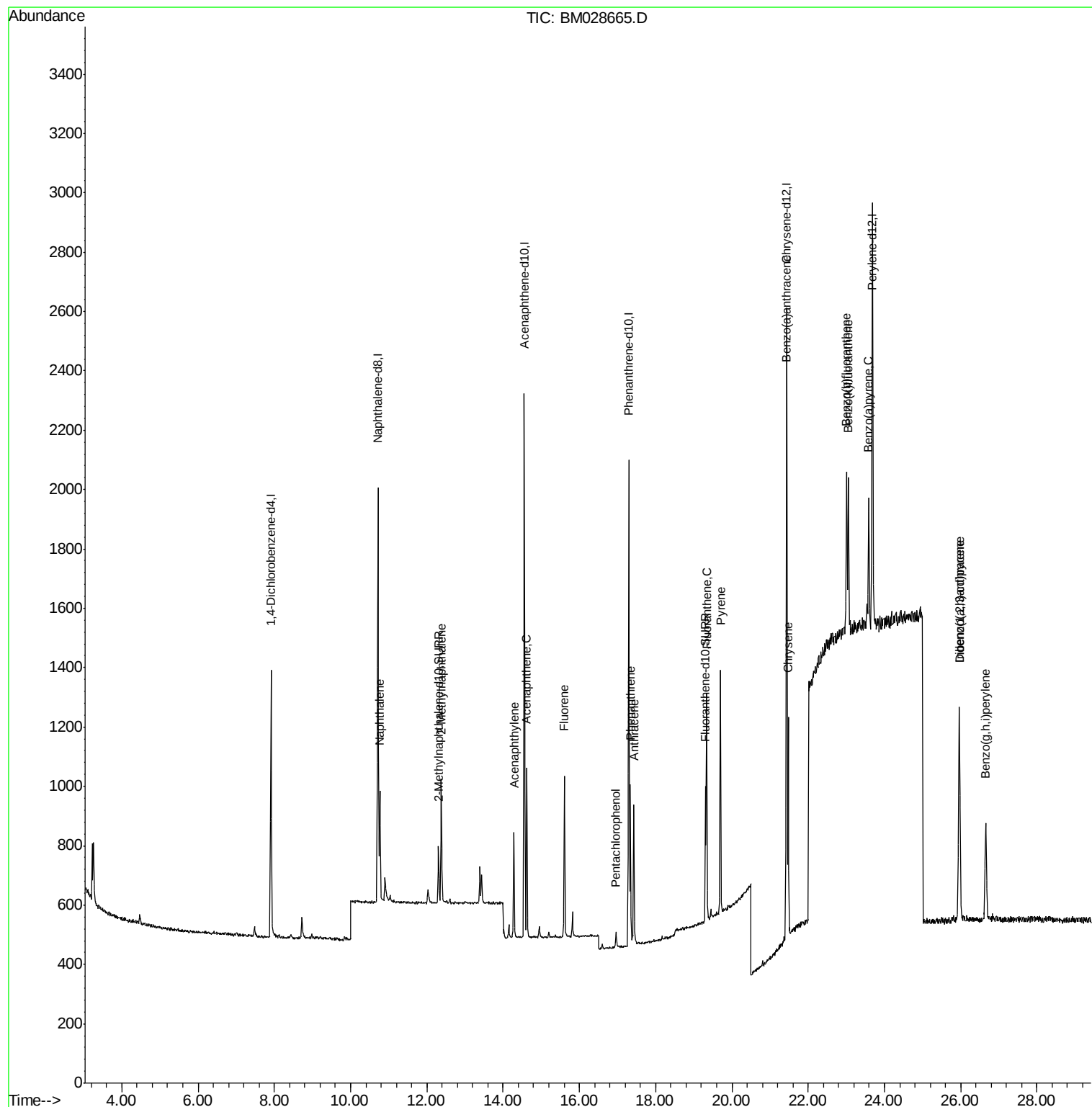
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	490	0.40	ng/ul	0.00
2) Naphthalene-d8	10.72	136	1953	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	988	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	1917	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1704	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	1775	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	277	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.31	212	498	0.10	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.77	128	492	0.084	ng/ul#	79
5) 2-Methylnaphthalene	12.38	142	320	0.080	ng/ul	99
7) Acenaphthylene	14.28	152	408	0.085	ng/ul#	80
8) Acenaphthene	14.62	153	336	0.093	ng/ul	96
9) Fluorene	15.60	166	364	0.087	ng/ul#	96
11) Pentachlorophenol	16.96	266	44	0.067	ng/ul	87
12) Phenanthrene	17.34	178	560	0.092	ng/ul#	84
13) Anthracene	17.43	178	511	0.087	ng/ul#	84
15) Fluoranthene	19.34	202	641	0.095	ng/ul	83
17) Pyrene	19.70	202	669	0.077	ng/ul#	86
18) Benzo(a)anthracene	21.42	228	627	0.091	ng/ul#	86
19) Chrysene	21.48	228	632	0.094	ng/ul#	85
21) Benzo(b)fluoranthene	23.01	252	654	0.088	ng/ul#	51
22) Benzo(k)fluoranthene	23.05	252	637	0.087	ng/ul#	49
23) Benzo(a)pyrene	23.59	252	587	0.090	ng/ul#	46
24) Indeno(1,2,3-cd)pyrene	25.96	276	776	0.110	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.97	278	660	0.112	ng/ul#	58
26) Benzo(g,h,i)perylene	26.66	276	632	0.107	ng/ul#	70

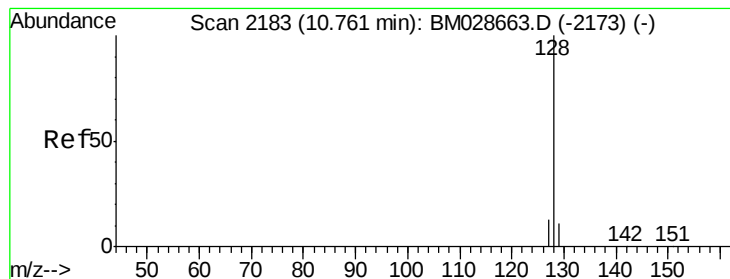
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020521\
Data File : BM028665.D
Acq On : 05 Feb 2021 15:44
Operator : CG/JU
Sample : SST0.180
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :

Quant Time: Feb 05 16:30:05 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





#3

Naphthalene

Concen: 0.084 ng/ul

RT: 10.77 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

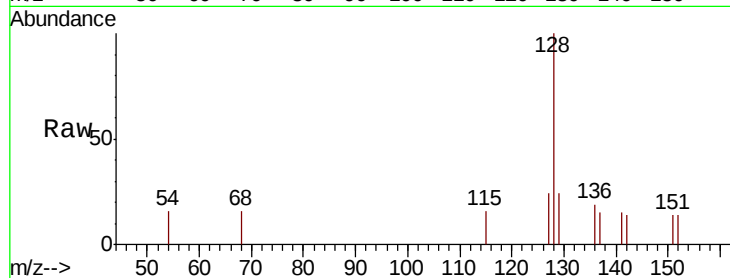
Tot Ion:128 Resp: 492

Ion Ratio Lower Upper

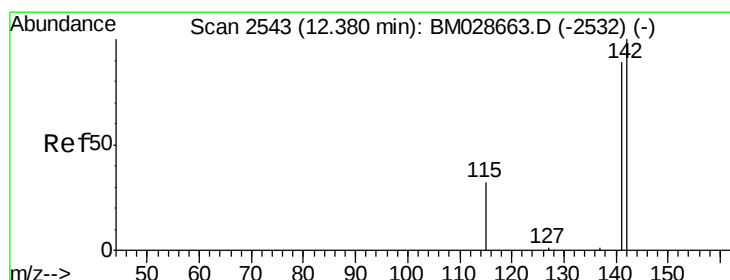
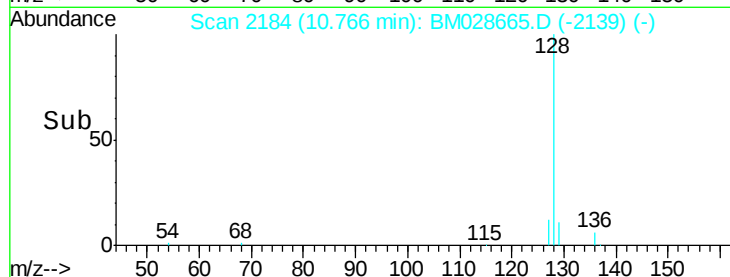
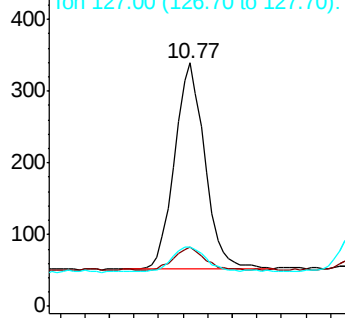
128 100

129 24.2 11.4 17.2#

127 24.5 13.0 19.6#



Abundance Ion 128.00 (127.70 to 128.70): E



#5

2-Methylnaphthalene

Concen: 0.080 ng/ul

RT: 12.38 min Scan# 2543

Delta R.T. -0.00 min

Lab File: BM028665.D

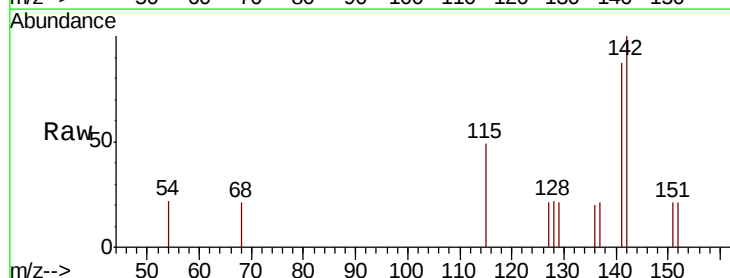
Acq: 05 Feb 2021 15:44

Tgt Ion:142 Resp: 320

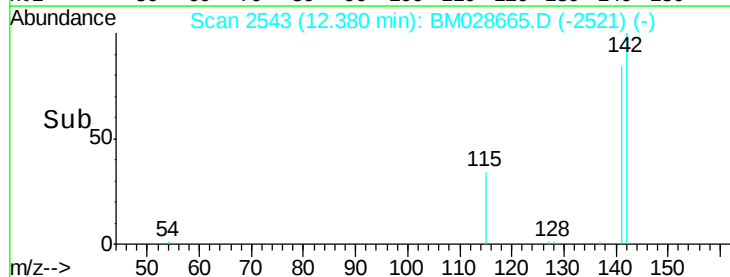
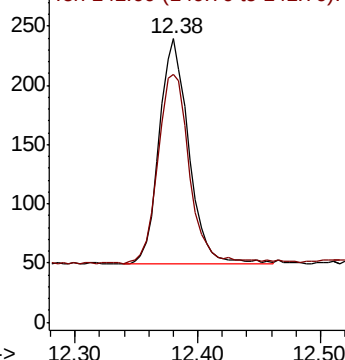
Ion Ratio Lower Upper

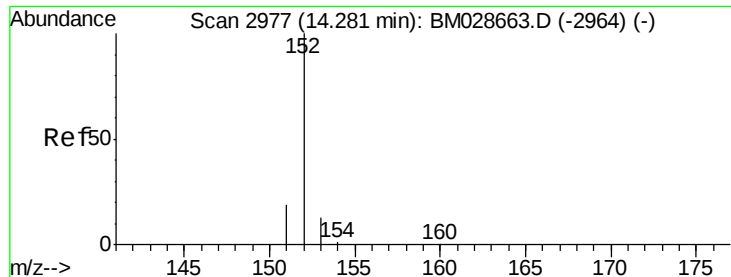
142 100

141 91.6 72.2 108.4



Abundance Ion 142.00 (141.70 to 142.70): E





#7

Acenaphthylene

Concen: 0.085 ng/ul

RT: 14.28 min Scan# 2977

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

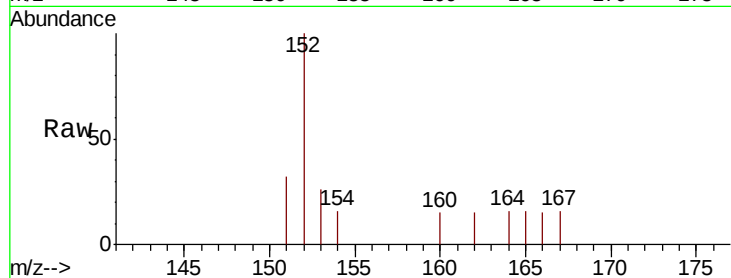
Tot Ion:152 Resp: 408

Ion Ratio Lower Upper

152 100

151 31.6 18.0 27.0#

153 25.6 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

14.28

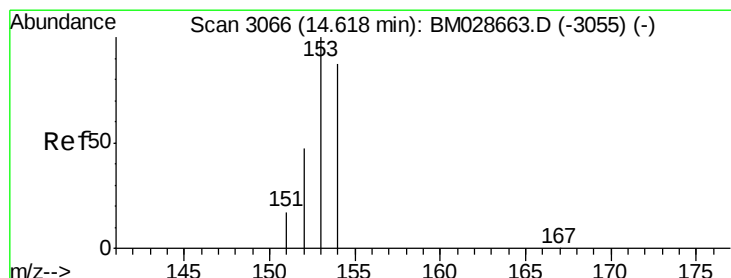
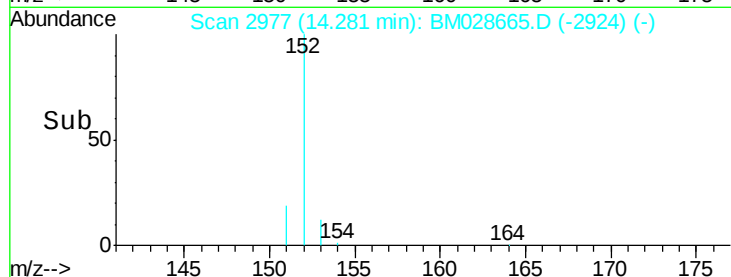
300

200

100

0

Time--> 14.20 14.25 14.30 14.35



#8

Acenaphthene

Concen: 0.093 ng/ul

RT: 14.62 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

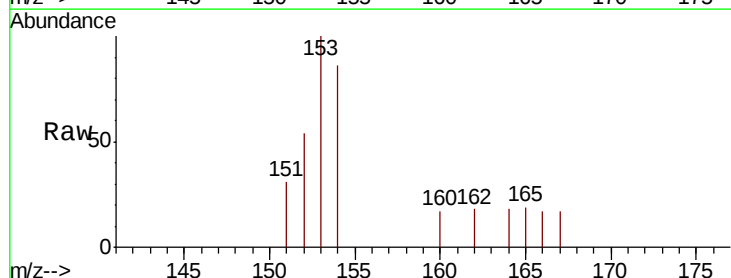
Tgt Ion:153 Resp: 336

Ion Ratio Lower Upper

153 100

152 54.3 39.6 59.4

154 86.3 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

14.62

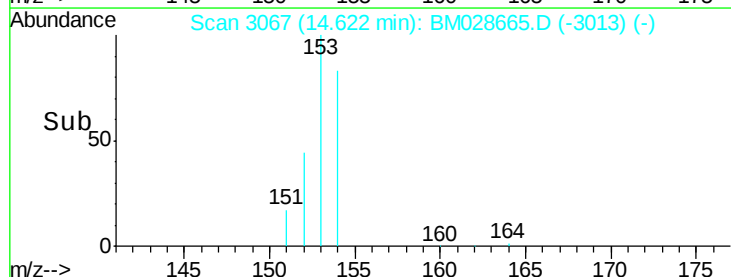
300

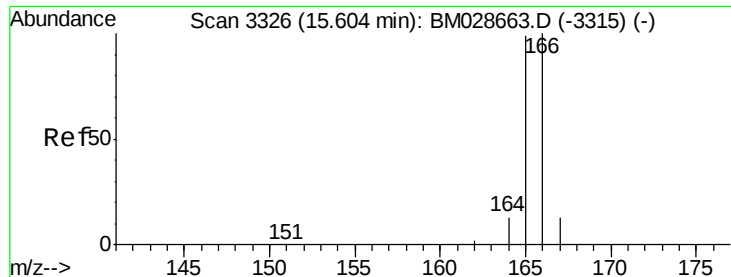
200

100

0

Time--> 14.55 14.60 14.65 14.70





#9

Fluorene

Concen: 0.087 ng/ul

RT: 15.60 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

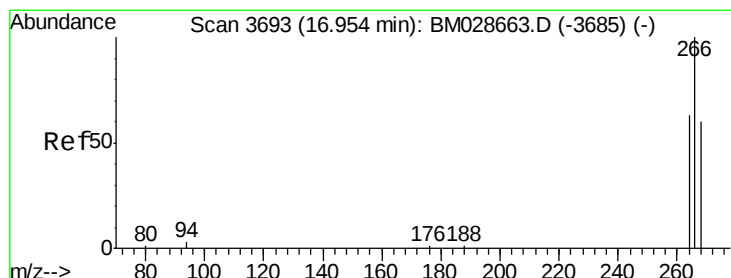
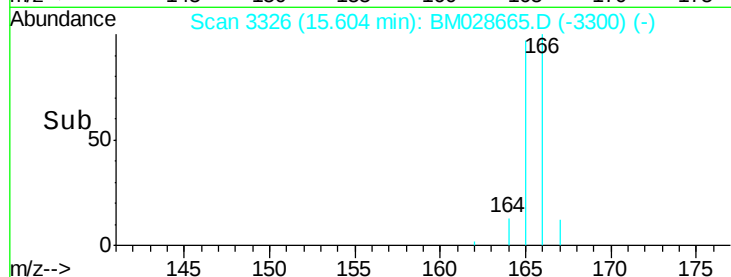
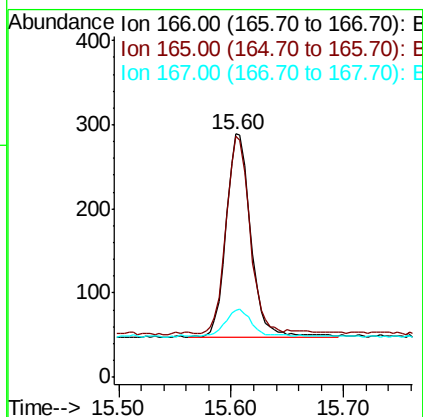
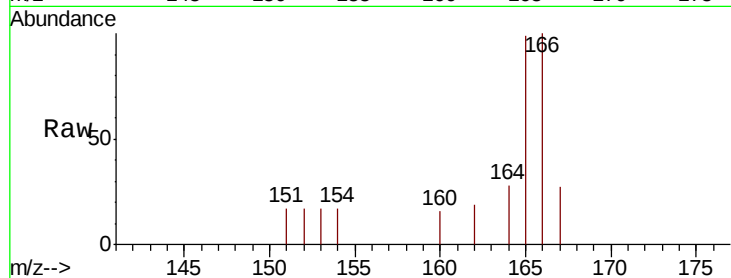
Tot Ion:166 Resp: 364

Ion Ratio Lower Upper

166 100

165 99.0 79.6 119.4

167 27.3 13.9 20.9#



#11

Pentachlorophenol

Concen: 0.067 ng/ul

RT: 16.96 min Scan# 3694

Delta R.T. 0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

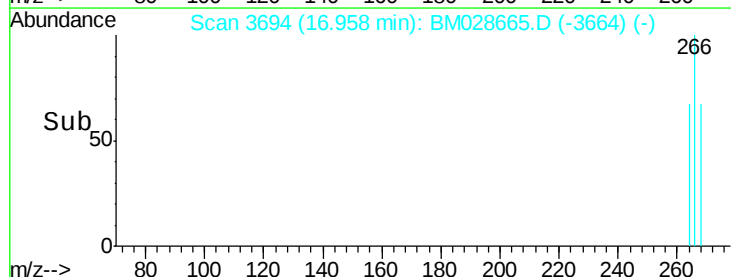
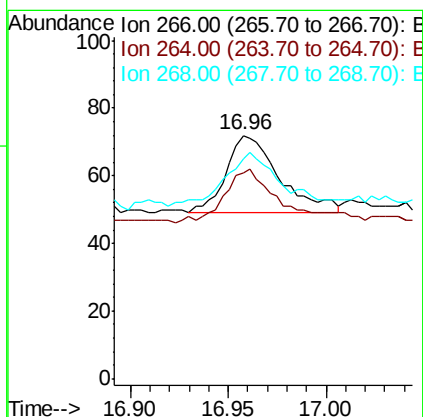
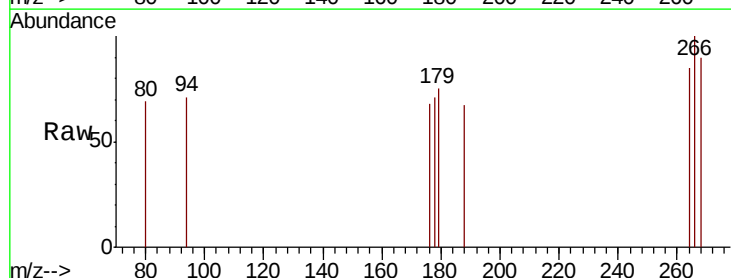
Tgt Ion:266 Resp: 44

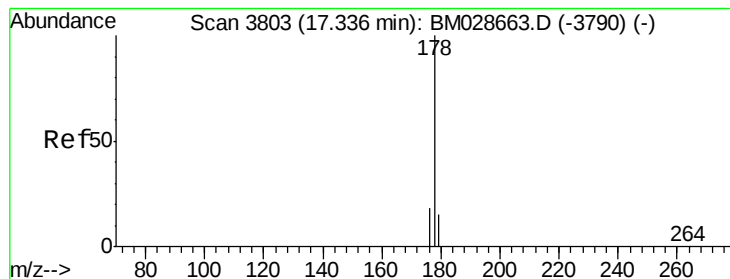
Ion Ratio Lower Upper

266 100

264 75.0 51.0 76.4

268 75.0 53.0 79.4





#12

Phenanthrene

Concen: 0.092 ng/ul

RT: 17.34 min Scan# 3803

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

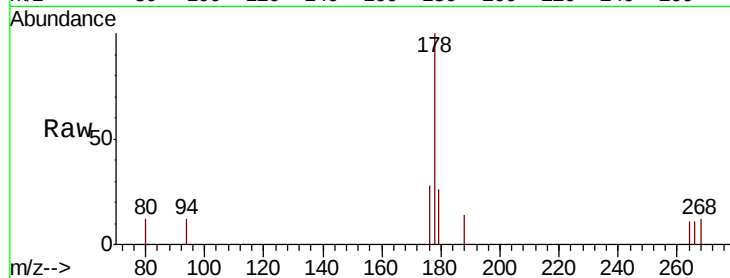
Tot Ion:178 Resp: 560

Ion Ratio Lower Upper

178 100

179 26.0 14.7 22.1#

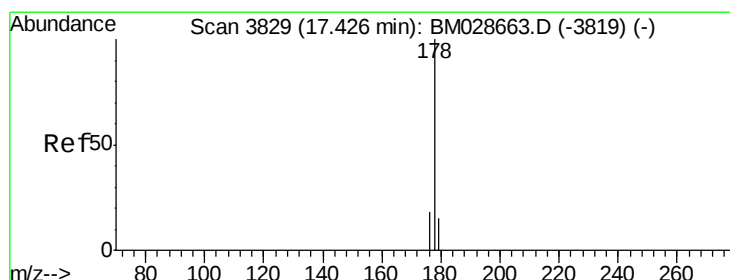
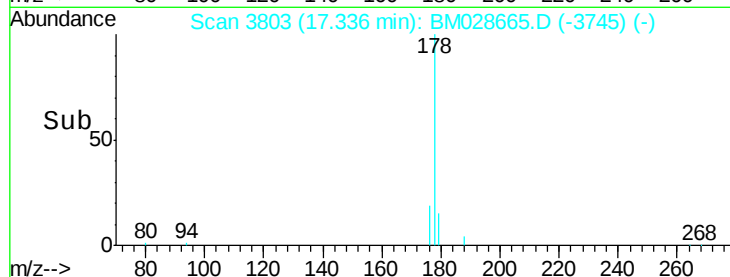
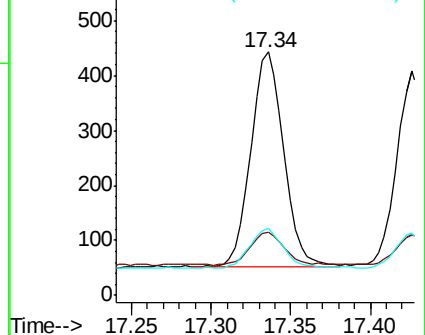
176 27.8 16.7 25.1#



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: 0.087 ng/ul

RT: 17.43 min Scan# 3829

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

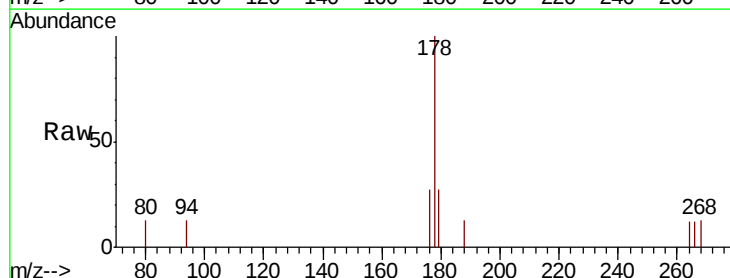
Tgt Ion:178 Resp: 511

Ion Ratio Lower Upper

178 100

179 27.0 15.0 22.4#

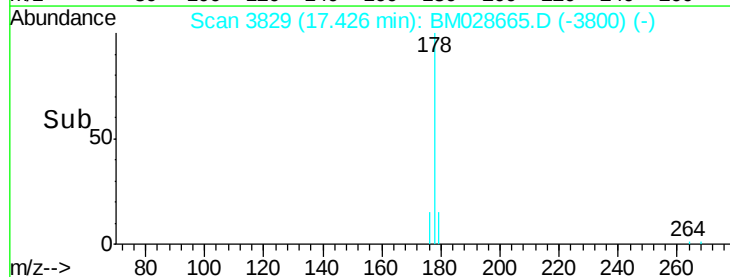
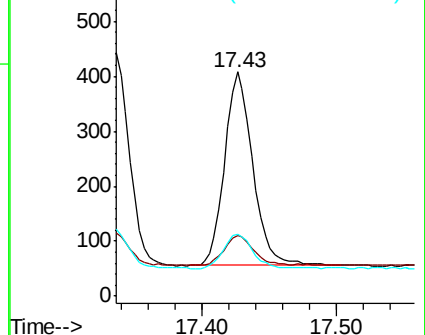
176 27.5 16.6 24.8#

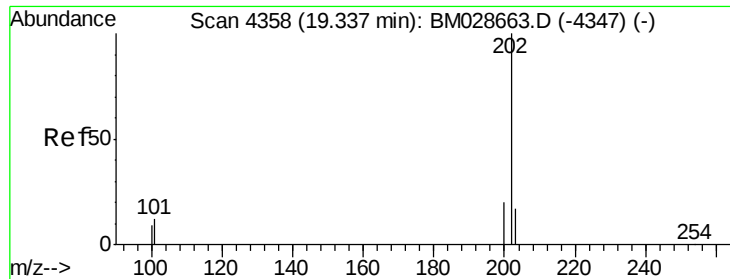


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.095 ng/ul

RT: 19.34 min Scan# 4358

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

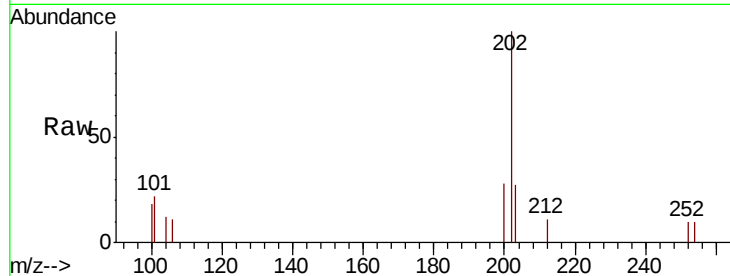
Tot Ion:202 Resp: 641

Ion Ratio Lower Upper

202 100

101 21.7 0.0 34.5

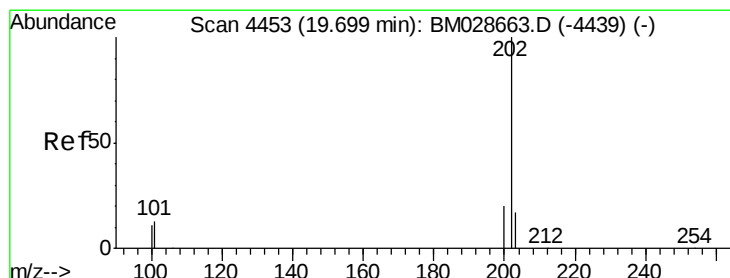
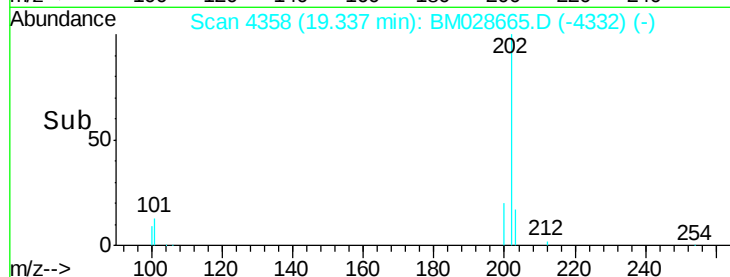
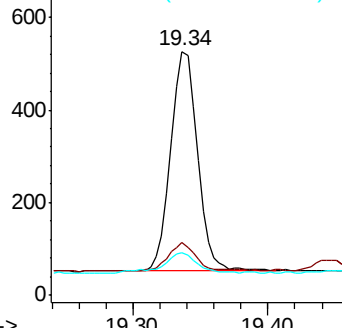
100 17.7 0.0 31.7



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: 0.077 ng/ul

RT: 19.70 min Scan# 4453

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

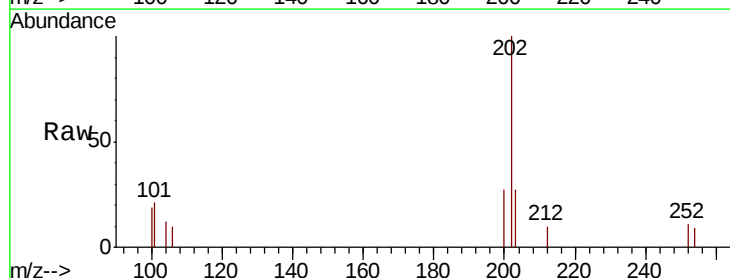
Tgt Ion:202 Resp: 669

Ion Ratio Lower Upper

202 100

101 21.3 12.7 19.1#

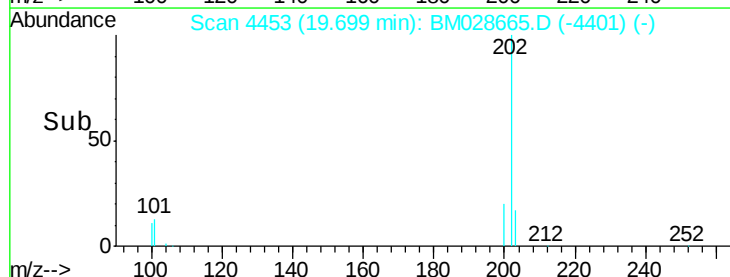
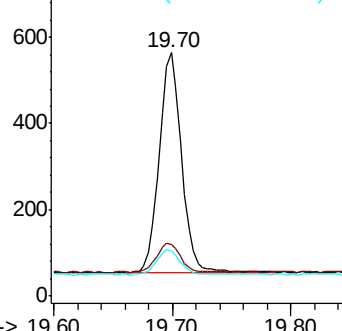
100 18.8 10.2 15.4#

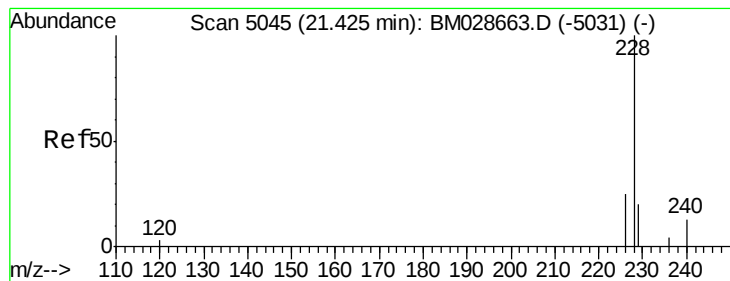


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.091 ng/ul

RT: 21.42 min Scan# 5044

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

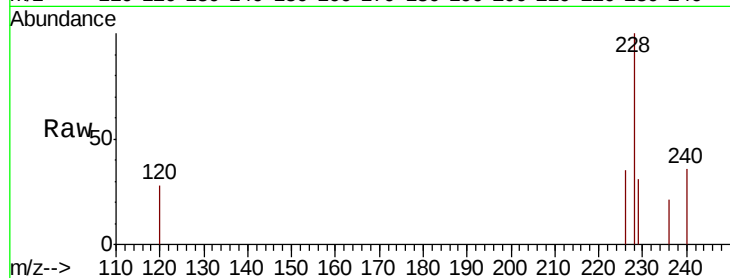
Tot Ion:228 Resp: 627

Ion Ratio Lower Upper

228 100

229 30.8 18.9 28.3#

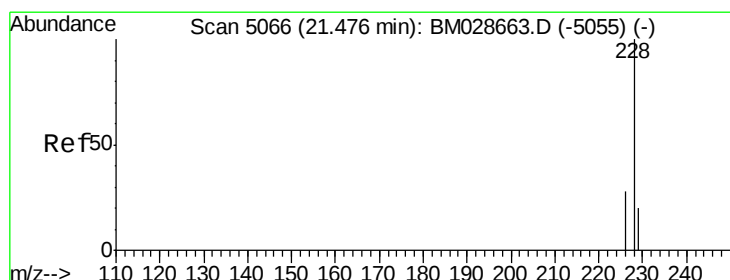
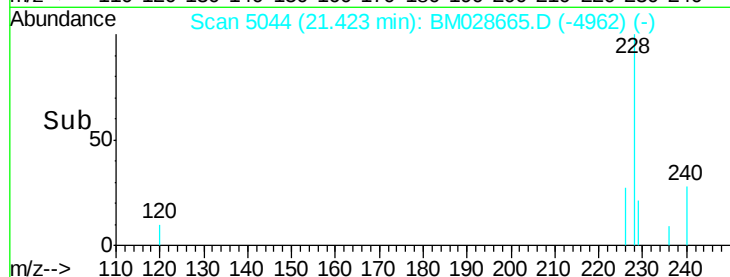
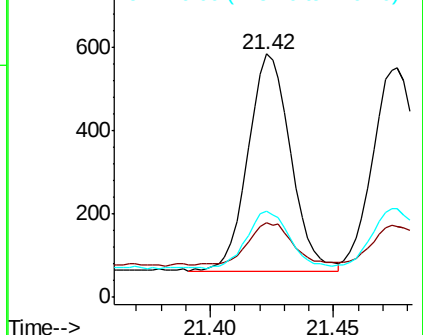
226 35.4 22.6 34.0#



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: 0.094 ng/ul

RT: 21.48 min Scan# 5066

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

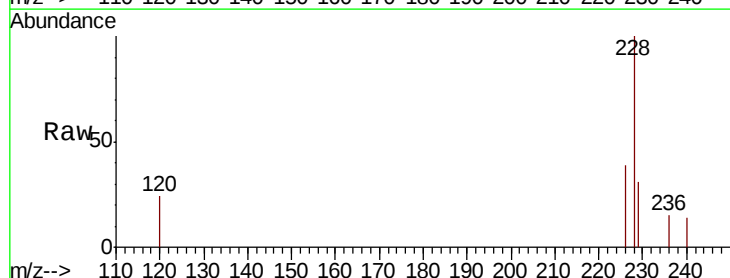
Tgt Ion:228 Resp: 632

Ion Ratio Lower Upper

228 100

226 38.8 24.6 37.0#

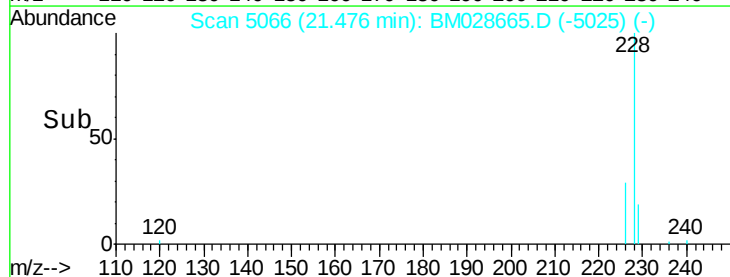
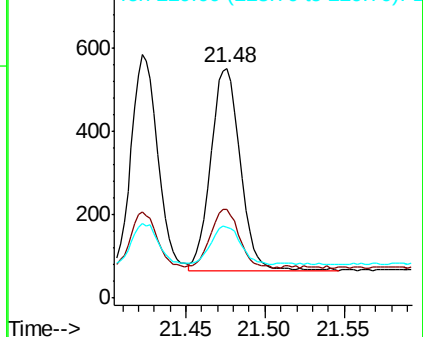
229 31.0 18.8 28.2#

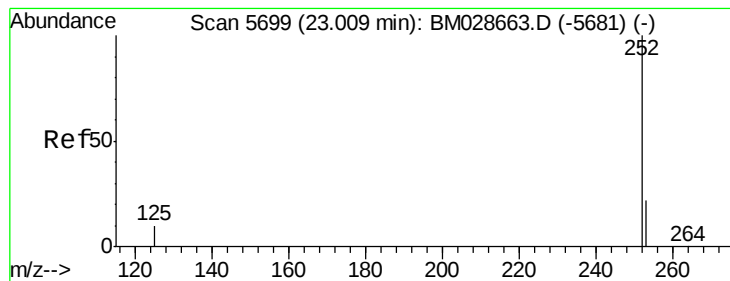


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.088 ng/ul

RT: 23.01 min Scan# 5698

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

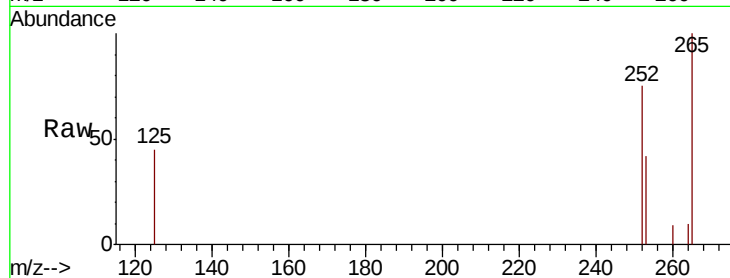
Tot Ion:252 Resp: 654

Ion Ratio Lower Upper

252 100

253 56.4 0.0 67.0

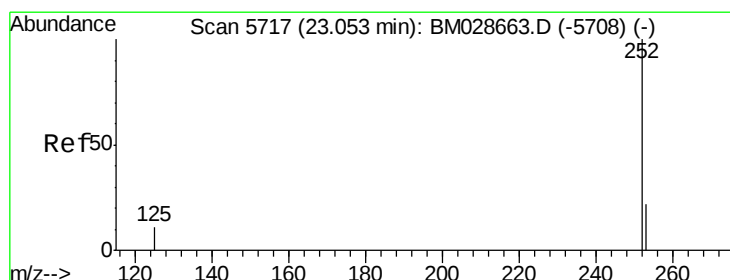
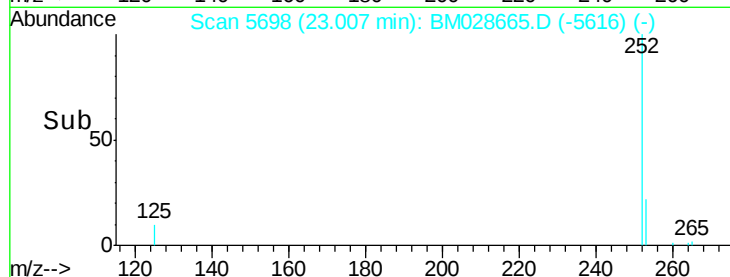
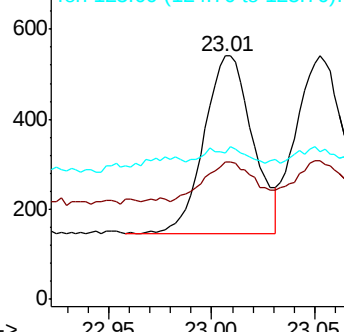
125 60.3 0.0 57.4#



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: 0.087 ng/ul

RT: 23.05 min Scan# 5717

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

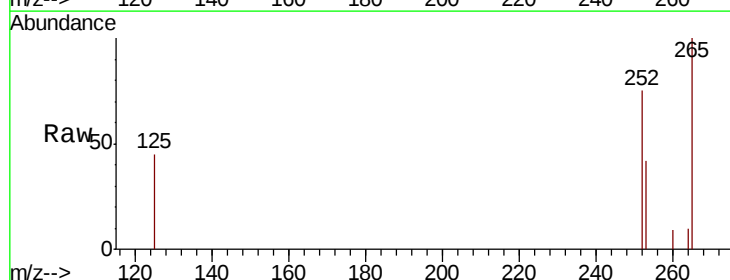
Tgt Ion:252 Resp: 637

Ion Ratio Lower Upper

252 100

253 56.9 26.3 39.5#

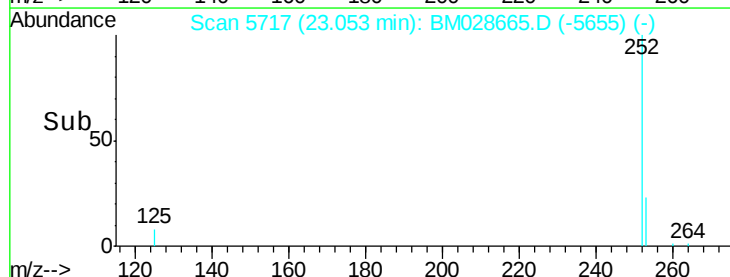
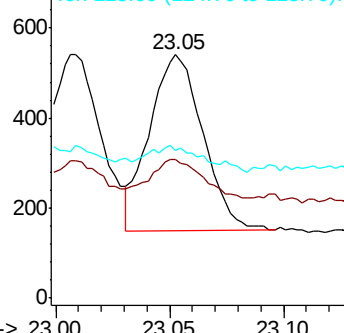
125 60.7 22.9 34.3#

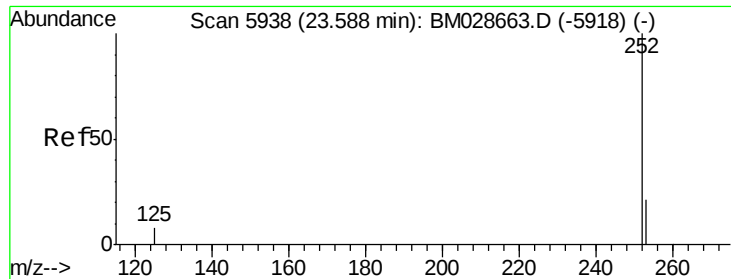


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.090 ng/ul

RT: 23.59 min Scan# 5937

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

Instrument :

BNA_M

ClientSampleId :

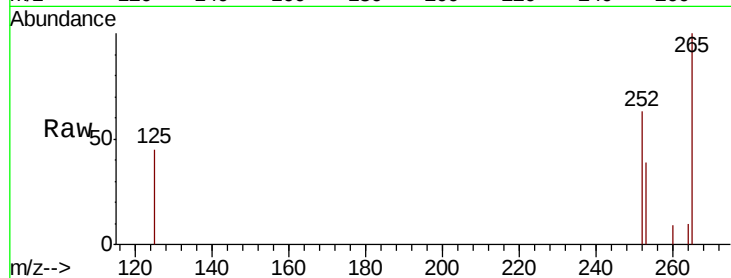
Tot Ion:252 Resp: 587

Ion Ratio Lower Upper

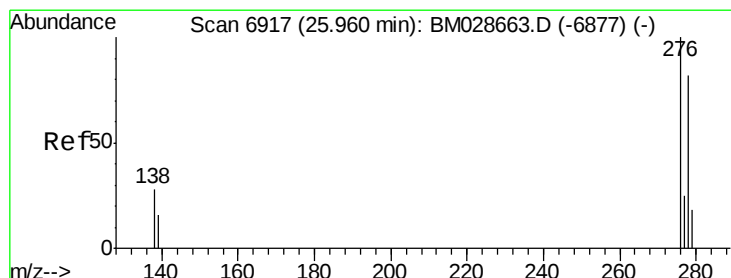
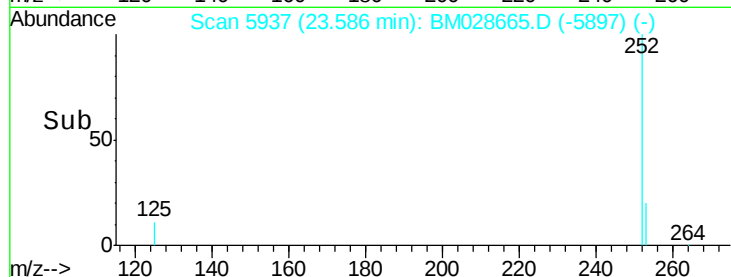
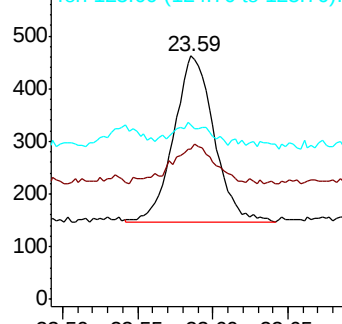
252 100

253 61.9 28.7 43.1#

125 71.4 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: 0.110 ng/ul

RT: 25.96 min Scan# 6917

Delta R.T. -0.00 min

Lab File: BM028665.D

Acq: 05 Feb 2021 15:44

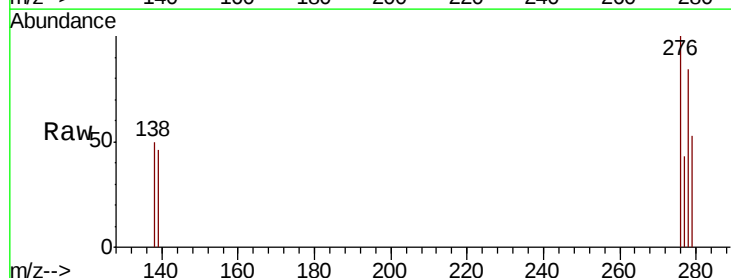
Tgt Ion:276 Resp: 776

Ion Ratio Lower Upper

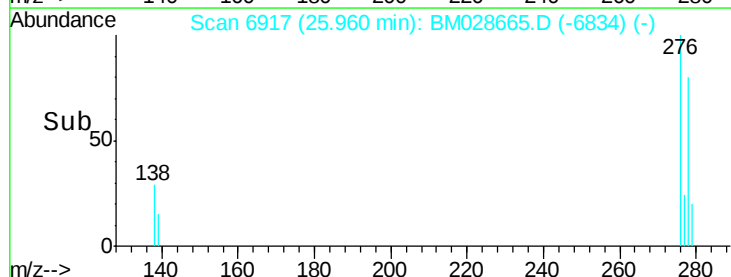
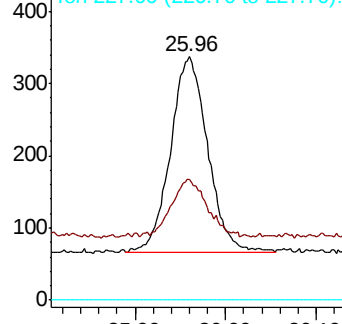
276 100

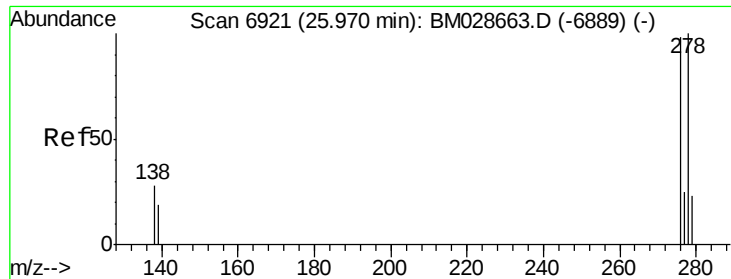
138 27.2 0.0 0.0#

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

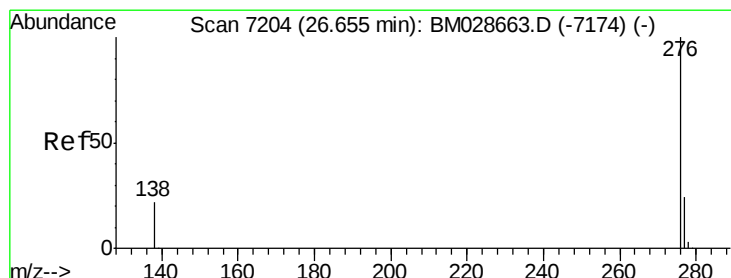
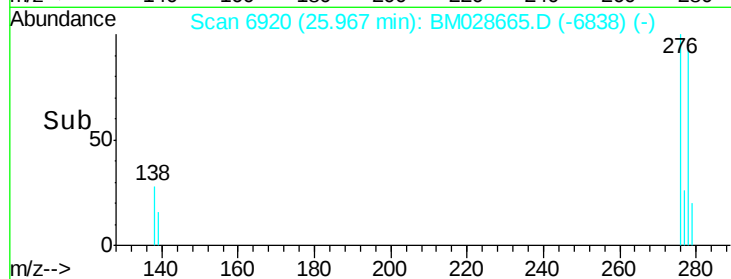
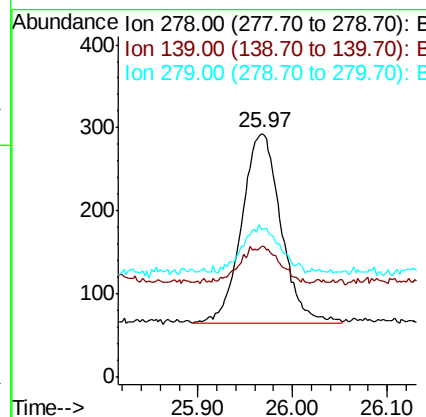
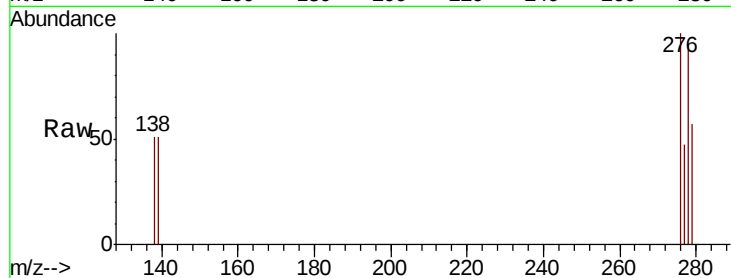




#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 25.97 min Scan# 6920
Delta R.T. -0.00 min
Lab File: BM028665.D
Acq: 05 Feb 2021 15:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 660
Ion Ratio Lower Upper
278 100
139 53.6 24.9 37.3#
279 60.4 28.3 42.5#



#26
Benzo(g,h,i)perylene
Concen: 0.107 ng/ul
RT: 26.66 min Scan# 7206
Delta R.T. 0.00 min
Lab File: BM028665.D
Acq: 05 Feb 2021 15:44

Tgt Ion:276 Resp: 632
Ion Ratio Lower Upper
276 100
138 49.5 25.4 38.2#
277 47.0 25.3 37.9#

