

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
 Data File : BM021753.D
 Acq On : 31 Jul 2019 20:29
 Operator : HP/JU
 Sample : K3770-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2H38

Quant Time: Jul 31 21:01:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM073119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 20:43:09 2019
 Response via : Initial Calibration

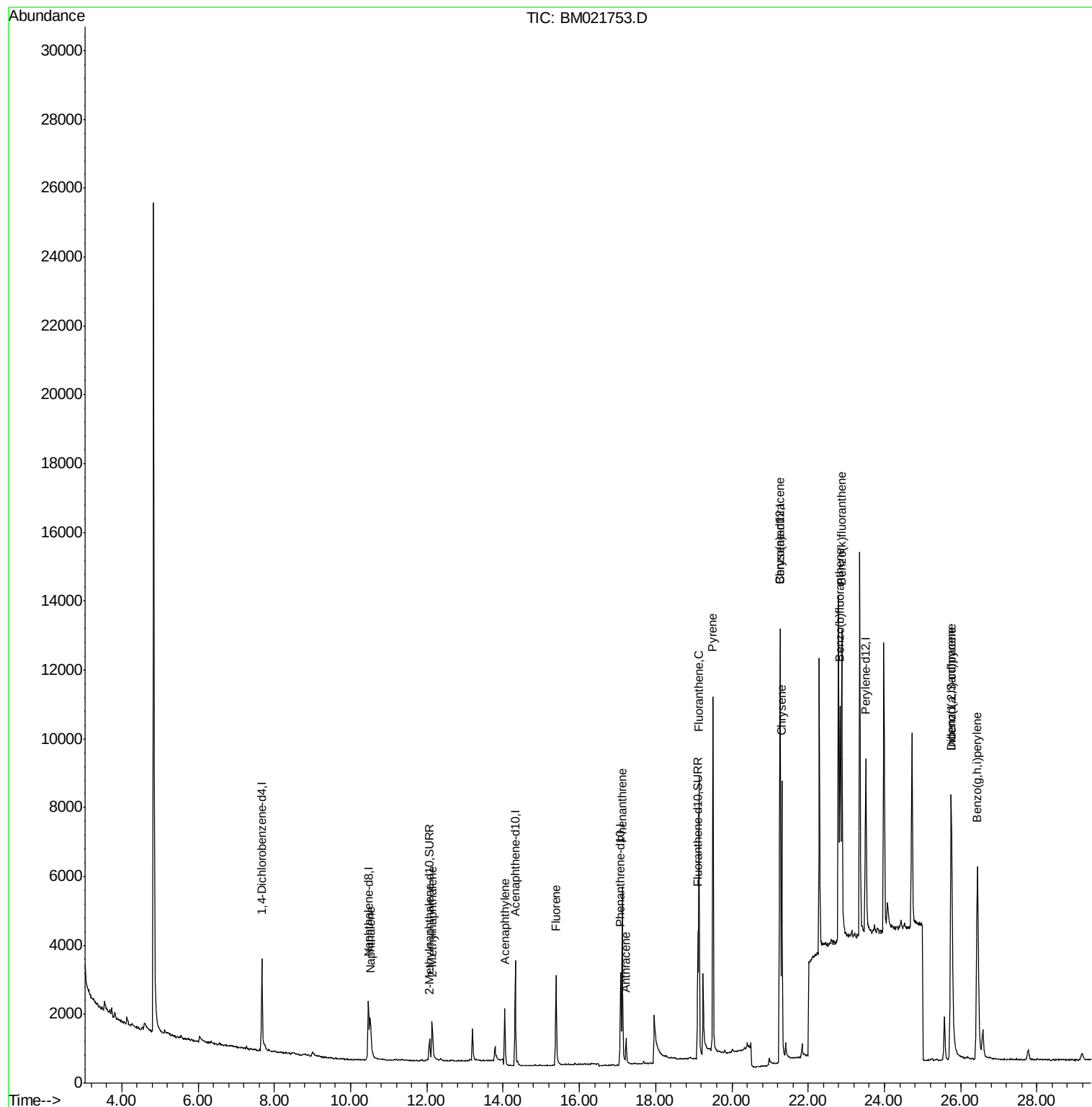
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	1753	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	3950	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1522	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.08	188	3923	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	6387	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	7741	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	1292	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	4393	0.39	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.52	128	2313	0.232	ng/ul#	93
5) 2-Methylnaphthalene	12.14	142	1202	0.228	ng/ul	97
7) Acenaphthylene	14.04	152	2176	0.262	ng/ul	99
9) Fluorene	15.39	166	2052	0.298	ng/ul	98
12) Phenanthrene	17.12	178	6511	0.600	ng/ul	98
13) Anthracene	17.22	178	1174	0.126	ng/ul#	87
15) Fluoranthene	19.14	202	7233	0.533	ng/ul	100
17) Pyrene	19.50	202	9505	0.525	ng/ul	98
18) Benzo(a)anthracene	21.26	228	10584	0.532	ng/ul	99
19) Chrysene	21.31	228	8298	0.331	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	9192	0.322	ng/ul	92
22) Benzo(k)fluoranthene	22.88	252	13324	0.460	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.75	276	10767	0.313	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.76	278	9285	0.345	ng/ul#	96
26) Benzo(g,h,i)perylene	26.44	276	14701	0.446	ng/ul	99

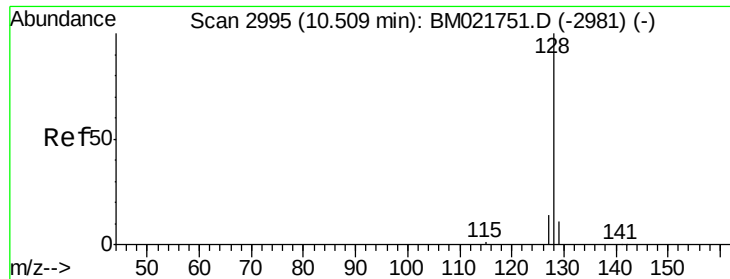
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM073119\
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#3

Naphthalene

Concen: 0.232 ng/ul

RT: 10.52 min Scan# 2996

Delta R.T. 0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

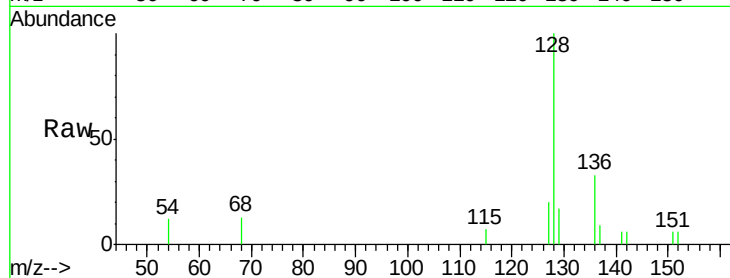
Tgt Ion:128 Resp: 2313

Ion Ratio Lower Upper

128 100

129 16.8 10.8 16.2#

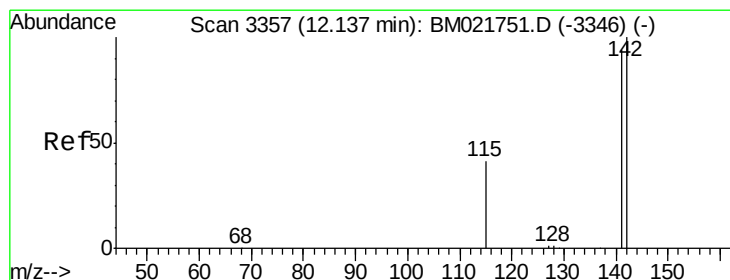
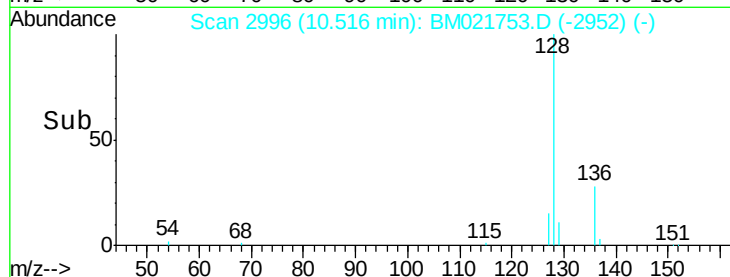
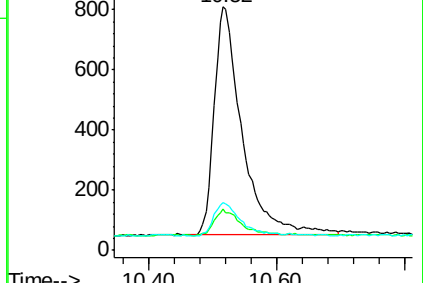
127 19.8 13.7 20.5



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



#5

2-Methylnaphthalene

Concen: 0.228 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM021753.D

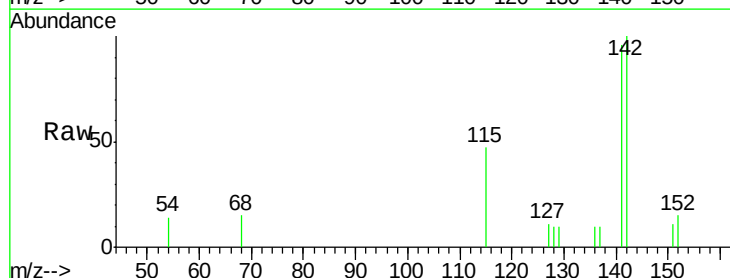
Acq: 31 Jul 2019 20:29

Tgt Ion:142 Resp: 1202

Ion Ratio Lower Upper

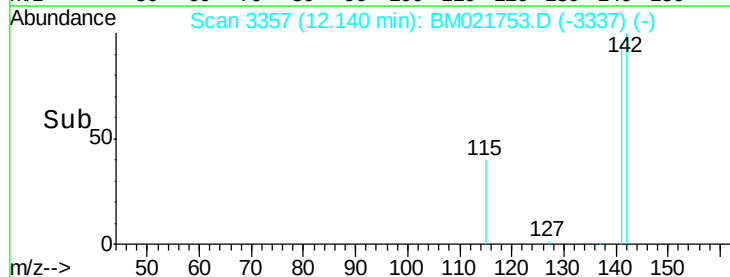
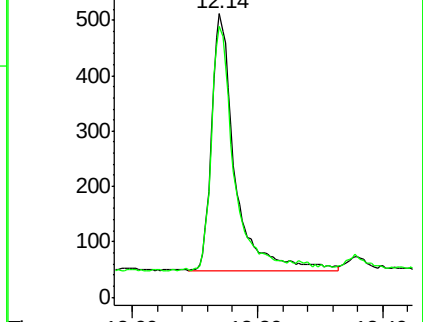
142 100

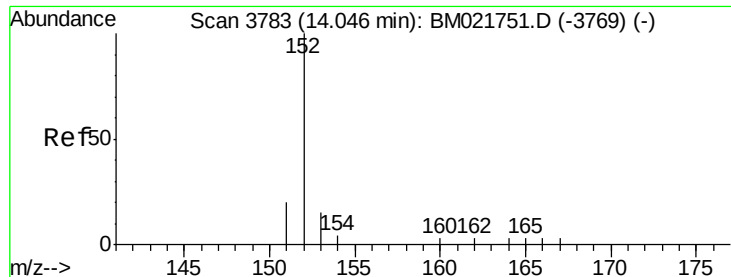
141 95.3 78.6 118.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.262 ng/ul

RT: 14.04 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

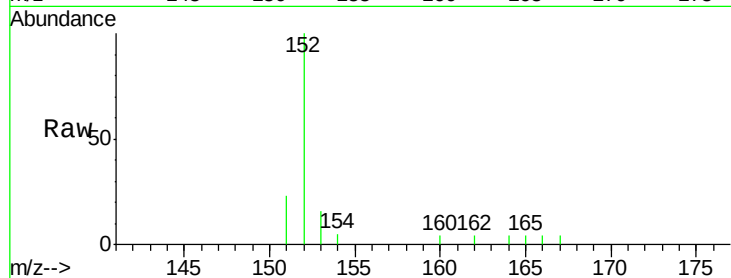
Tgt Ion:152 Resp: 2176

Ion Ratio Lower Upper

152 100

151 22.9 17.6 26.4

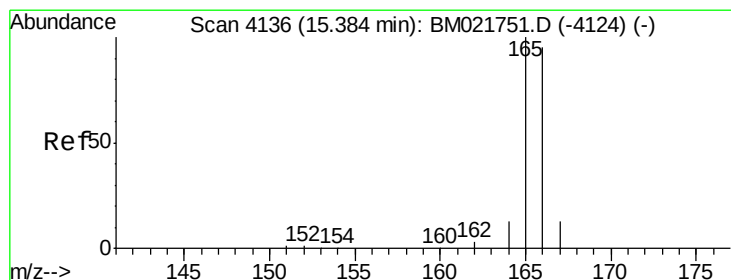
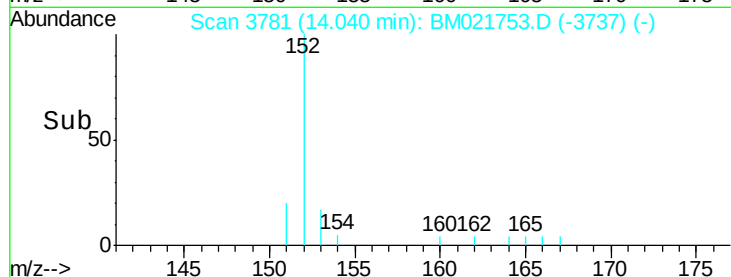
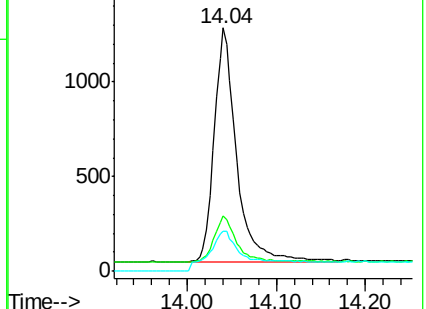
153 16.3 13.0 19.6



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



#9

Fluorene

Concen: 0.298 ng/ul

RT: 15.39 min Scan# 4136

Delta R.T. -0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

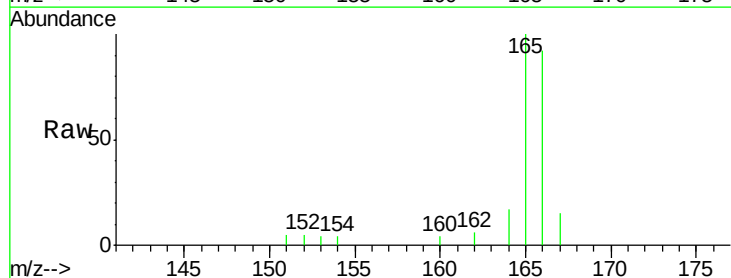
Tgt Ion:166 Resp: 2052

Ion Ratio Lower Upper

166 100

165 109.1 85.2 127.8

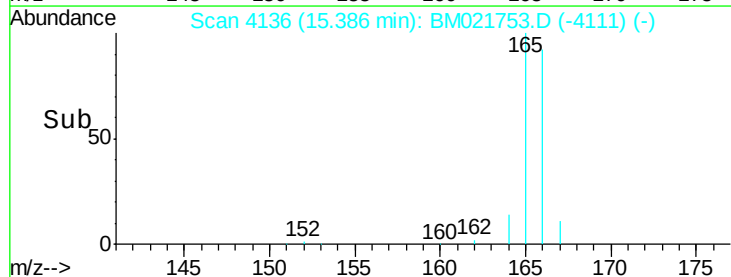
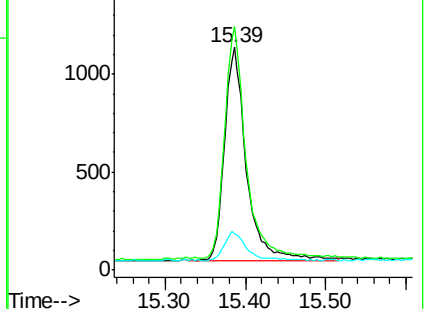
167 16.3 13.0 19.6

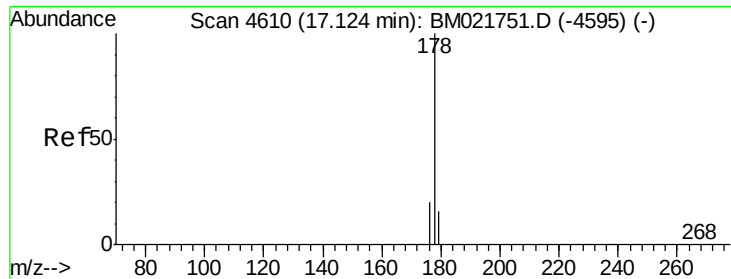


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.600 ng/ul

RT: 17.12 min Scan# 4609

Delta R.T. -0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

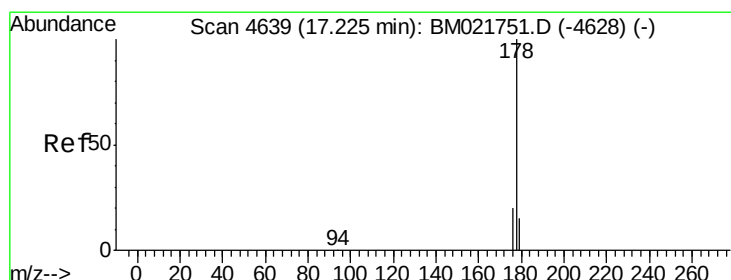
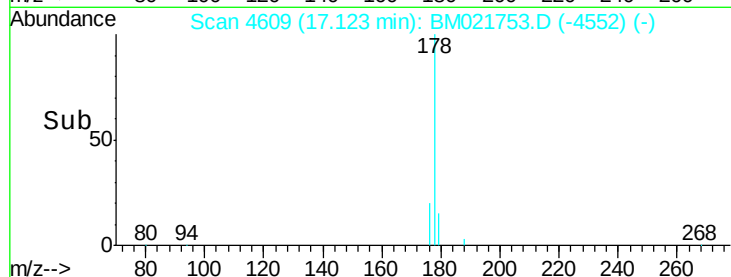
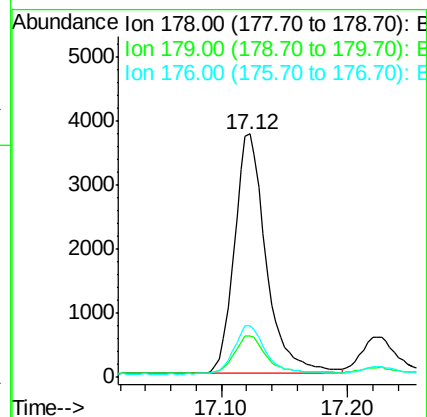
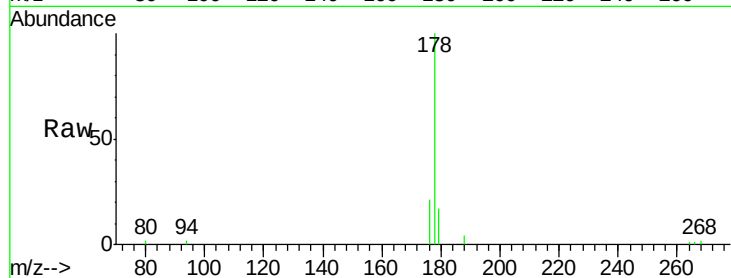
Tgt Ion:178 Resp: 6511

Ion Ratio Lower Upper

178 100

179 16.9 13.9 20.9

176 21.0 17.8 26.8



#13

Anthracene

Concen: 0.126 ng/ul

RT: 17.22 min Scan# 4638

Delta R.T. -0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

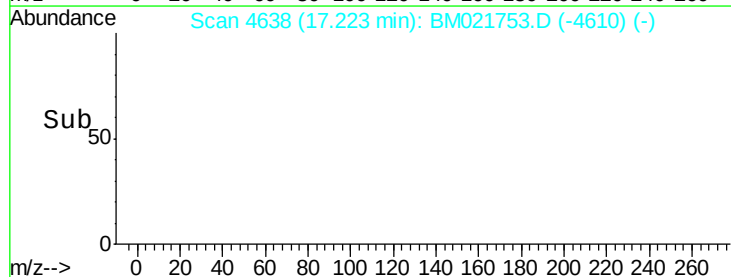
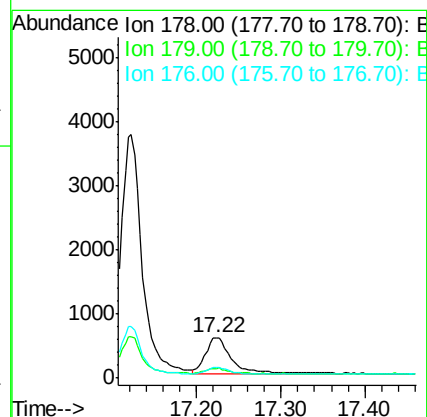
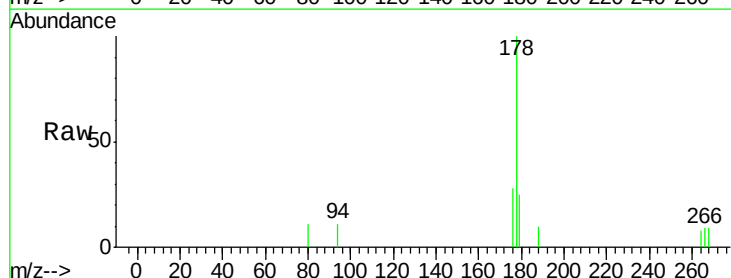
Tgt Ion:178 Resp: 1174

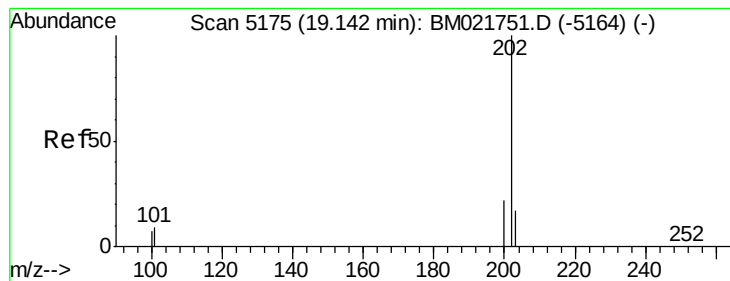
Ion Ratio Lower Upper

178 100

179 24.5 14.3 21.5#

176 27.5 17.7 26.5#





#15

Fluoranthene

Concen: 0.533 ng/ul

RT: 19.14 min Scan# 5173

Delta R.T. -0.01 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

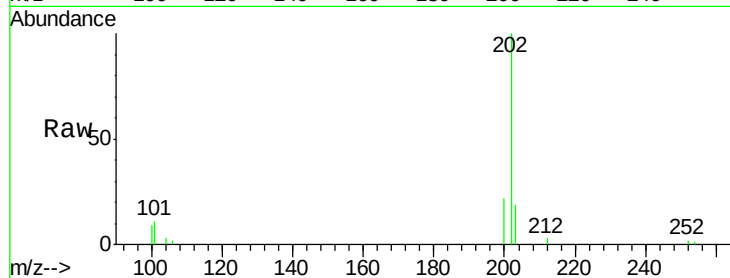
Tgt Ion:202 Resp: 7233

Ion Ratio Lower Upper

202 100

101 11.3 0.0 31.2

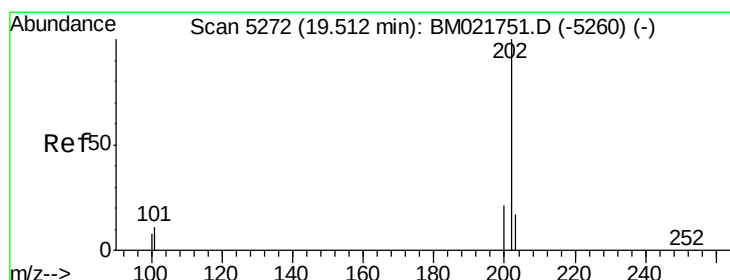
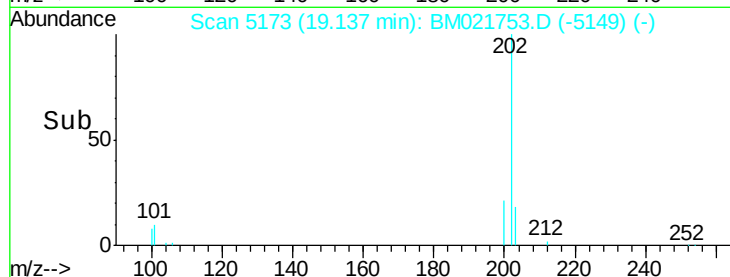
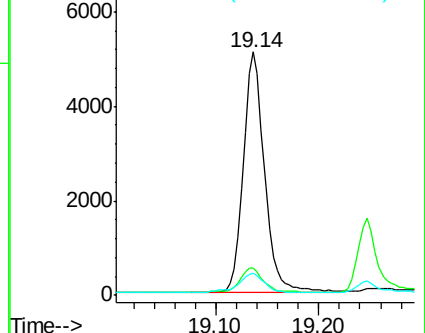
100 9.0 0.0 28.8



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: 0.525 ng/ul

RT: 19.50 min Scan# 5269

Delta R.T. -0.01 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

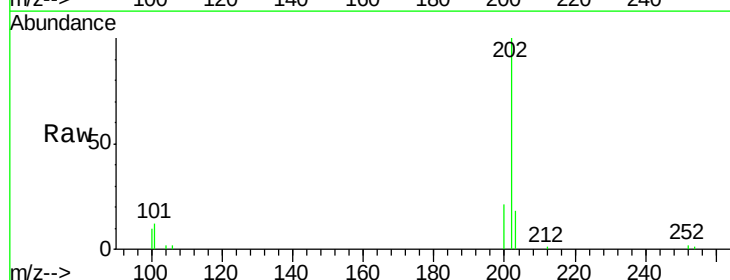
Tgt Ion:202 Resp: 9505

Ion Ratio Lower Upper

202 100

101 12.1 10.6 15.8

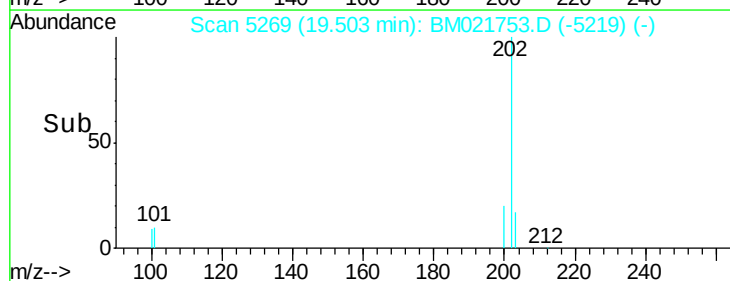
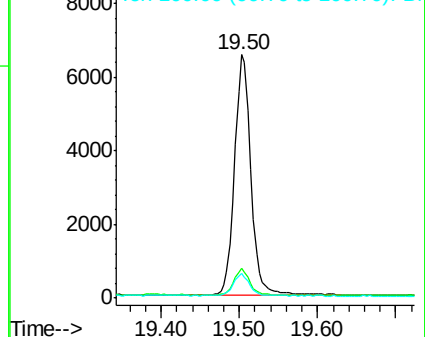
100 10.0 8.5 12.7

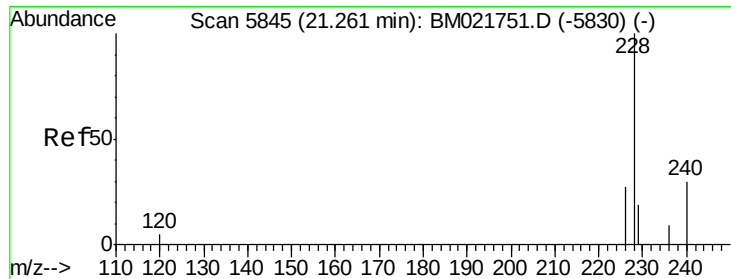


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.532 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.01 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

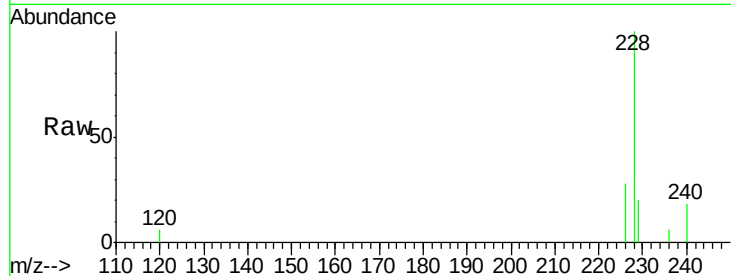
Tgt Ion:228 Resp: 10584

Ion Ratio Lower Upper

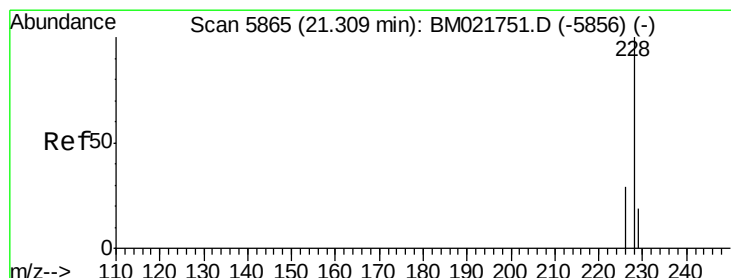
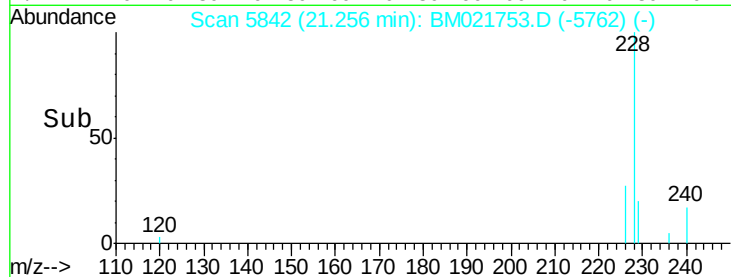
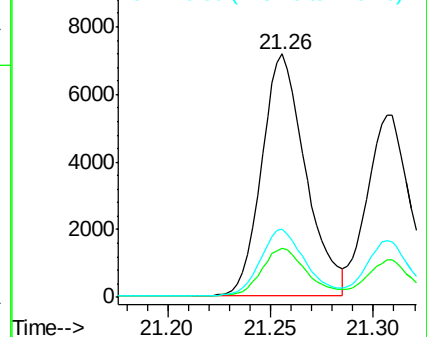
228 100

229 20.3 16.6 25.0

226 27.9 23.0 34.4



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: 0.331 ng/ul

RT: 21.31 min Scan# 5864

Delta R.T. -0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

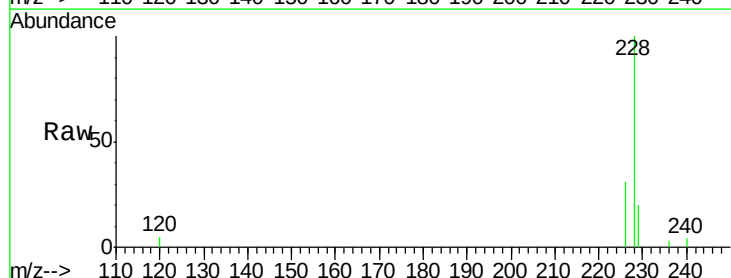
Tgt Ion:228 Resp: 8298

Ion Ratio Lower Upper

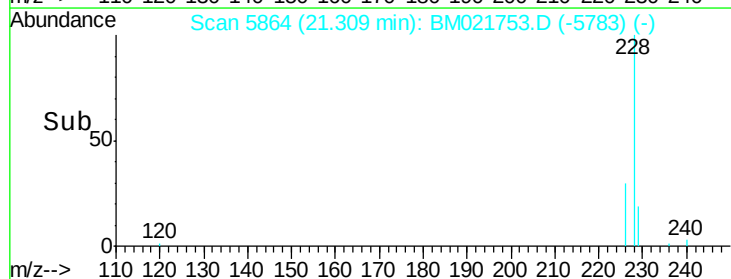
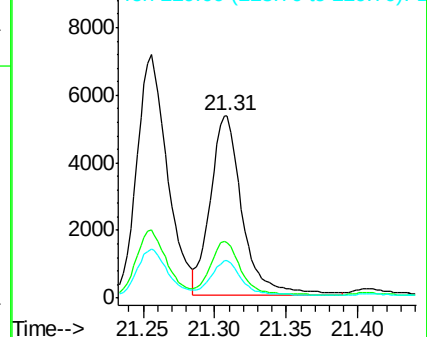
228 100

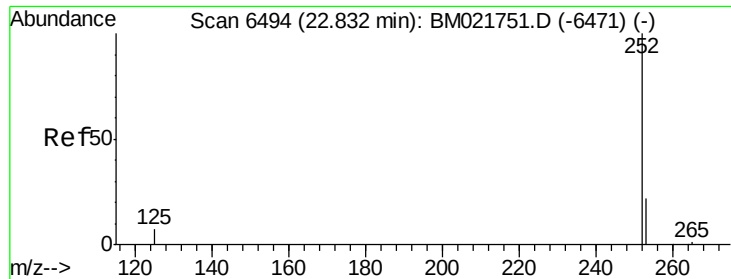
226 30.7 24.7 37.1

229 20.4 16.9 25.3



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





#21

Benzo(b)fluoranthene

Concen: 0.322 ng/ul

RT: 22.83 min Scan# 6493

Delta R.T. -0.01 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38

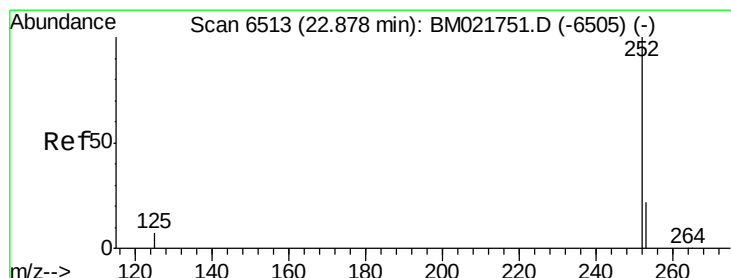
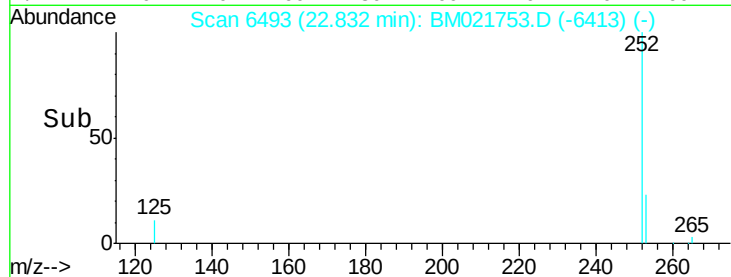
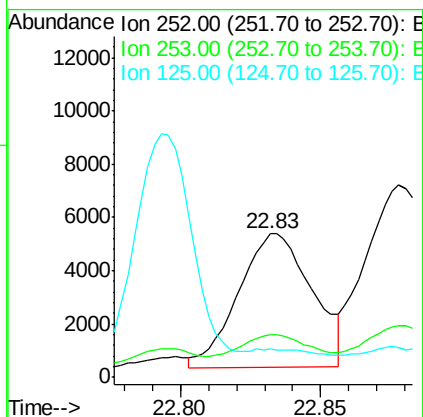
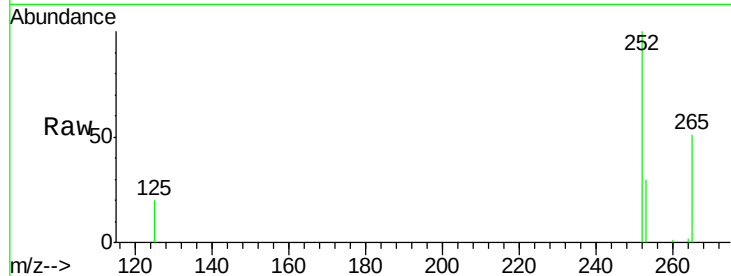
Tgt Ion:252 Resp: 9192

Ion Ratio Lower Upper

252 100

253 29.7 0.0 54.8

125 20.2 0.0 29.4



#22

Benzo(k)fluoranthene

Concen: 0.460 ng/ul

RT: 22.88 min Scan# 6512

Delta R.T. -0.00 min

Lab File: BM021753.D

Acq: 31 Jul 2019 20:29

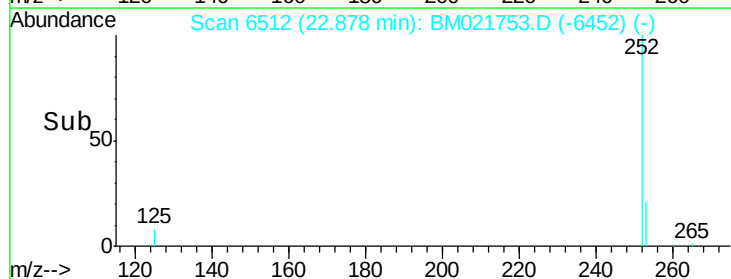
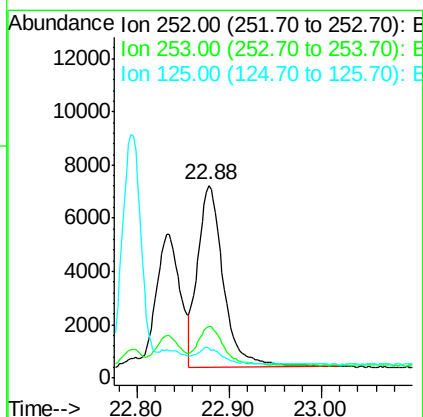
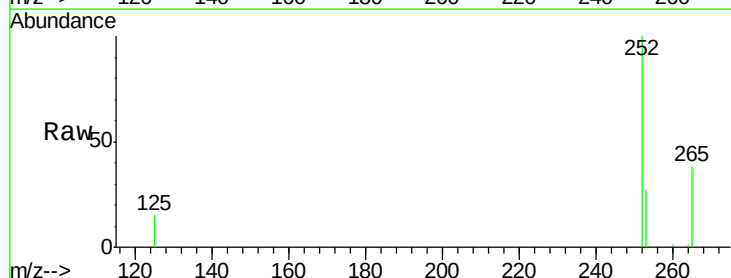
Tgt Ion:252 Resp: 13324

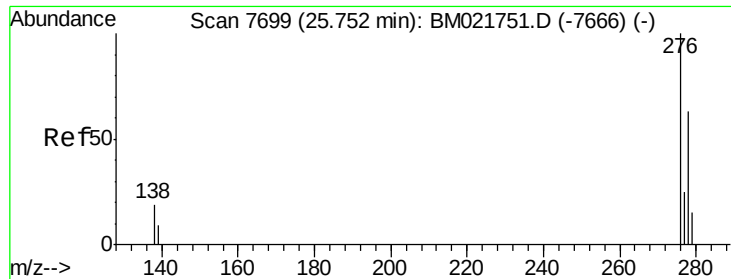
Ion Ratio Lower Upper

252 100

253 26.8 22.6 33.8

125 15.3 12.1 18.1



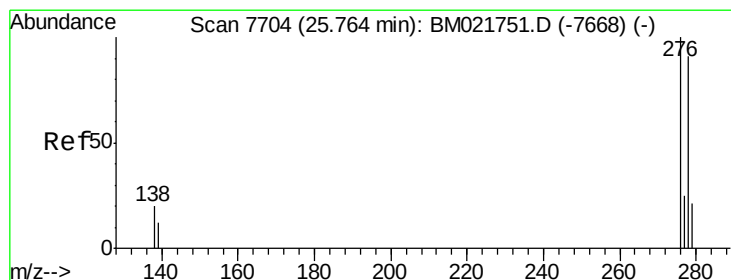
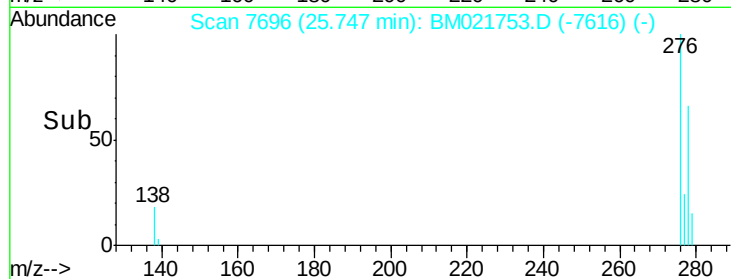
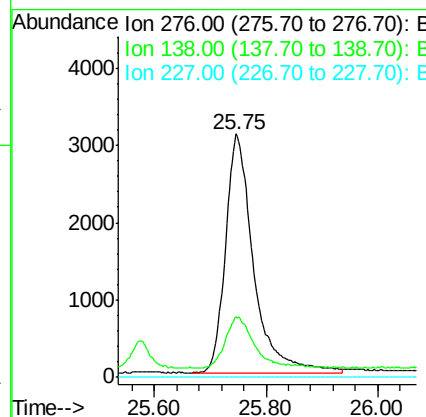
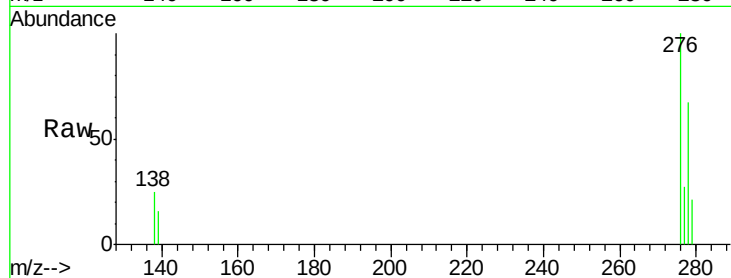


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng/ul
RT: 25.75 min Scan# 7696
Delta R.T. -0.01 min
Lab File: BM021753.D
Acq: 31 Jul 2019 20:29

Instrument :
BNA_M
ClientSampleId :
X2H38

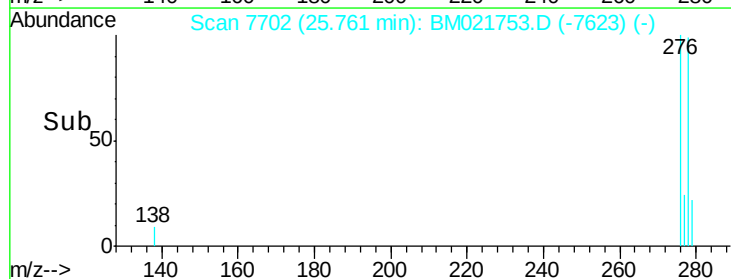
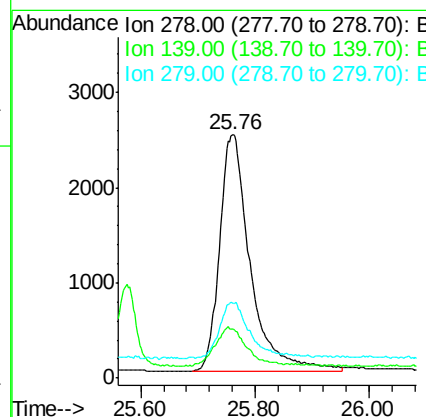
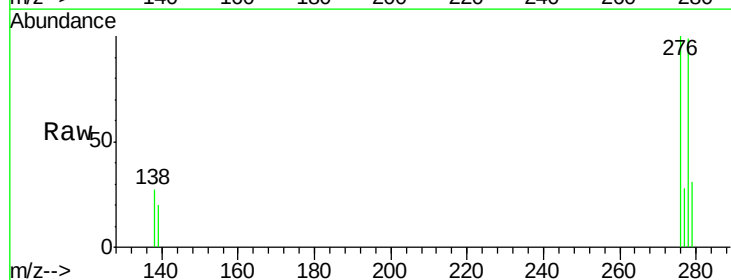
Tgt Ion:276 Resp: 10767
Ion Ratio Lower Upper
276 100
138 21.6 15.3 22.9
227 0.0 0.0 0.0

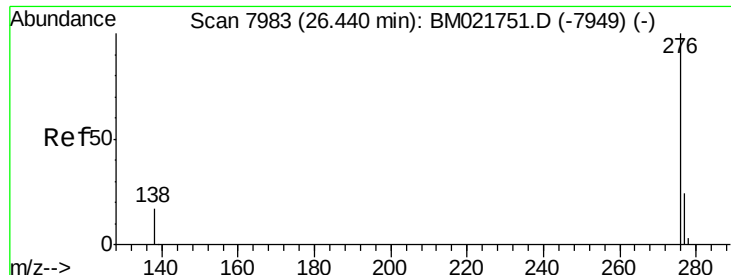


#25

Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 25.76 min Scan# 7702
Delta R.T. -0.01 min
Lab File: BM021753.D
Acq: 31 Jul 2019 20:29

Tgt Ion:278 Resp: 9285
Ion Ratio Lower Upper
278 100
139 20.1 13.1 19.7#
279 30.9 25.2 37.8





#26

Benzo(g,h,i)perylene

Concen: 0.446 ng/ul

RT: 26.44 min Scan# 7982

Delta R.T. -0.00 min

Lab File: BM021753.D

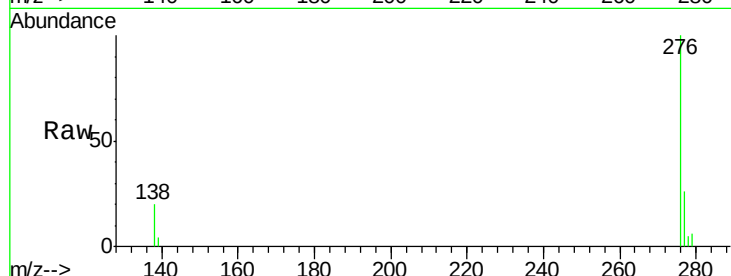
Acq: 31 Jul 2019 20:29

Instrument :

BNA_M

ClientSampleId :

X2H38



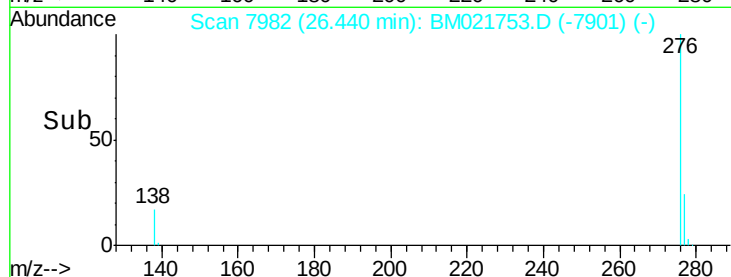
Tgt Ion: 276 Resp: 14701

Ion Ratio Lower Upper

276 100

138 20.0 15.4 23.2

277 25.8 20.9 31.3



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

