

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073119\
 Data File : BM021759.D
 Acq On : 01 Aug 2019 00:10
 Operator : HP/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 02:37:27 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 15:40:15 2019
 Response via : Initial Calibration

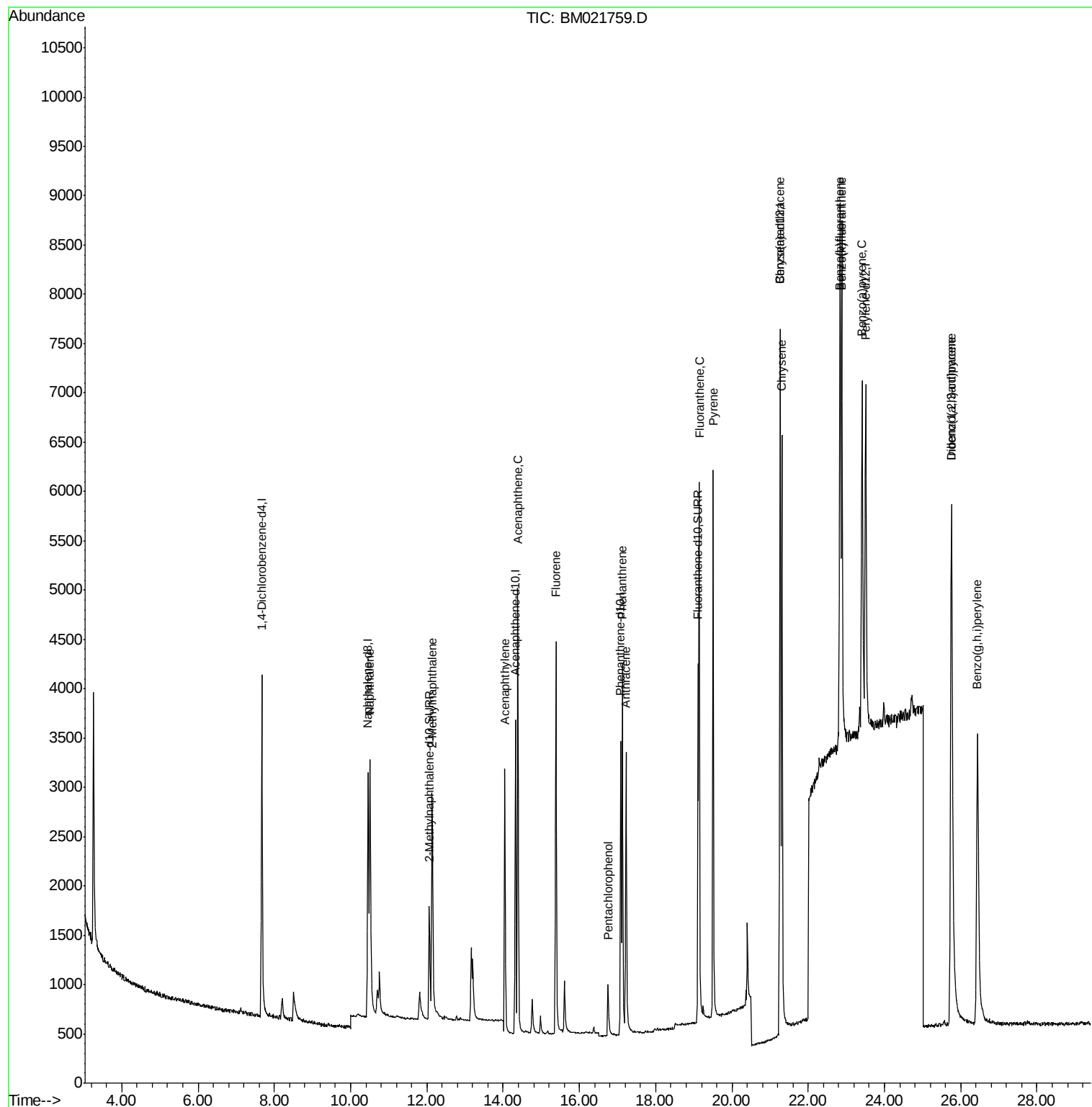
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	2114	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	4794	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	1714	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.08	188	4218	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	4479	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	5486	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	2150	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.11	212	4556	0.38	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	4670	0.386	ng/ul	99
5) 2-Methylnaphthalene	12.14	142	2409	0.377	ng/ul	93
7) Acenaphthylene	14.04	152	3644	0.389	ng/ul	98
8) Acenaphthene	14.39	153	2640	0.382	ng/ul	97
9) Fluorene	15.38	166	2953	0.381	ng/ul	99
11) Pentachlorophenol	16.75	266	559	0.388	ng/ul	98
12) Phenanthrene	17.12	178	4562	0.391	ng/ul	98
13) Anthracene	17.22	178	3988	0.397	ng/ul	99
15) Fluoranthene	19.14	202	5374	0.369	ng/ul	100
17) Pyrene	19.51	202	5404	0.426	ng/ul	99
18) Benzo(a)anthracene	21.26	228	5542	0.397	ng/ul	99
19) Chrysene	21.31	228	6738	0.383	ng/ul	99
21) Benzo(b)fluoranthene	22.83	252	7934	0.392	ng/ul	96
22) Benzo(k)fluoranthene	22.88	252	7986	0.389	ng/ul	97
23) Benzo(a)pyrene	23.41	252	6994	0.384	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.75	276	8613	0.354	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.76	278	6786	0.355	ng/ul	97
26) Benzo(g,h,i)perylene	26.44	276	8128	0.348	ng/ul	96

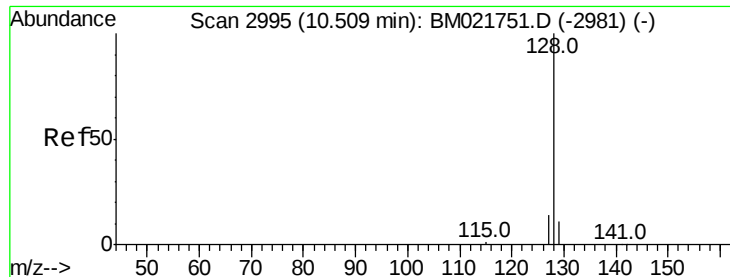
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.386 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

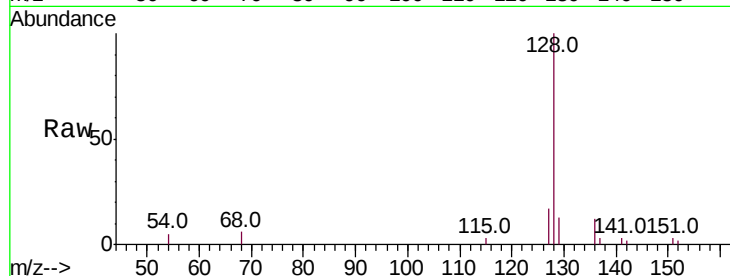
Tot Ion:128 Resp: 4670

Ion Ratio Lower Upper

128 100

129 13.0 10.8 16.2

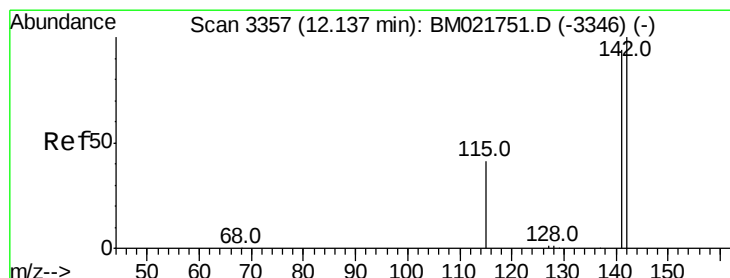
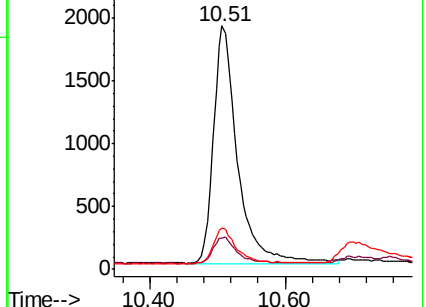
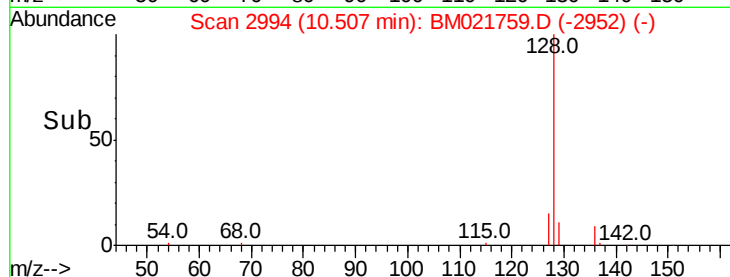
127 16.9 13.7 20.5



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: 0.377 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.01 min

Lab File: BM021759.D

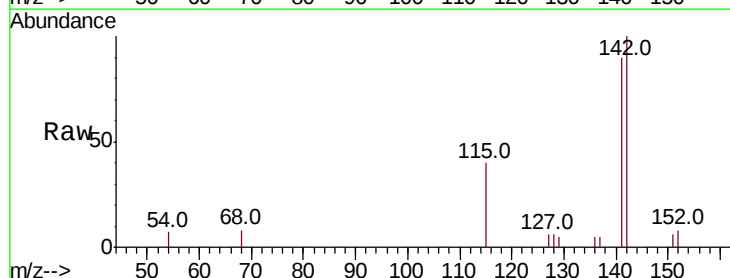
Acq: 01 Aug 2019 00:10

Tgt Ion:142 Resp: 2409

Ion Ratio Lower Upper

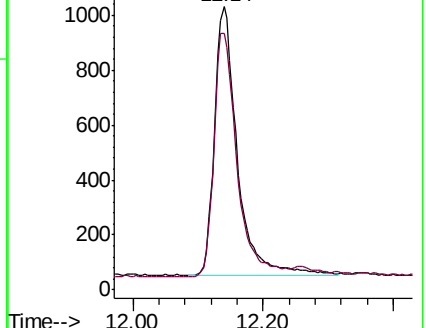
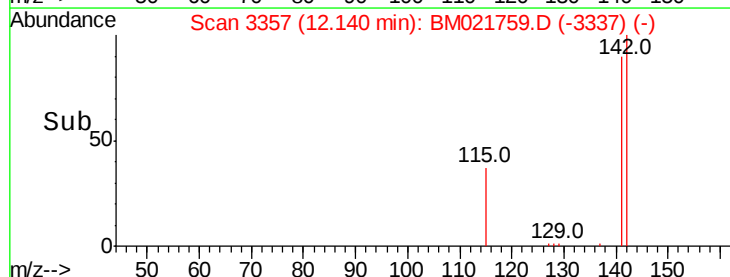
142 100

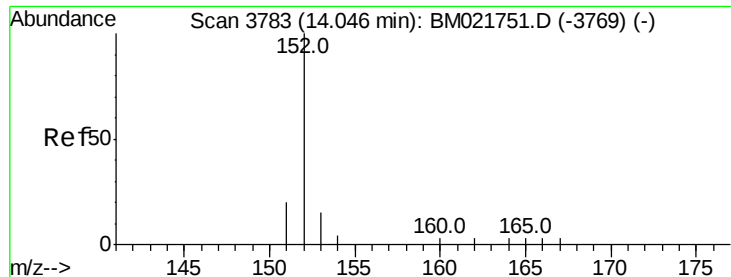
141 91.6 78.6 118.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.04 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

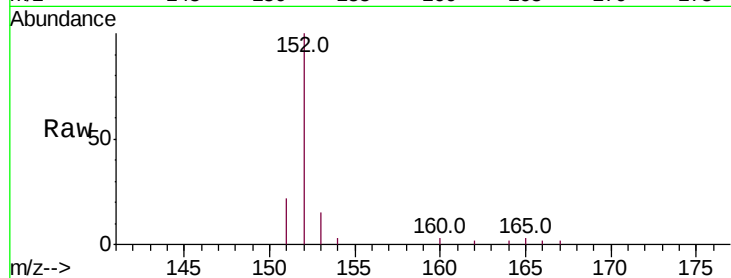
Tot Ion:152 Resp: 3644

Ion Ratio Lower Upper

152 100

151 22.2 17.6 26.4

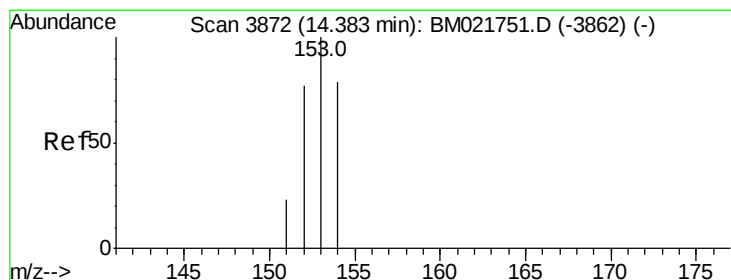
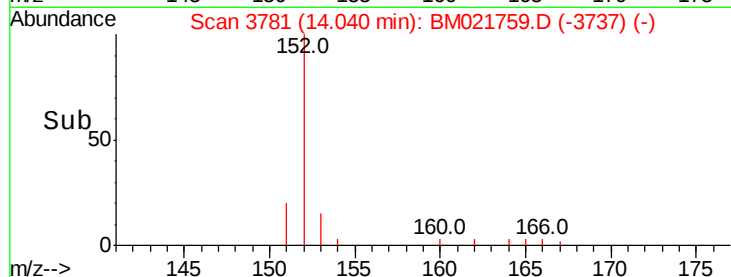
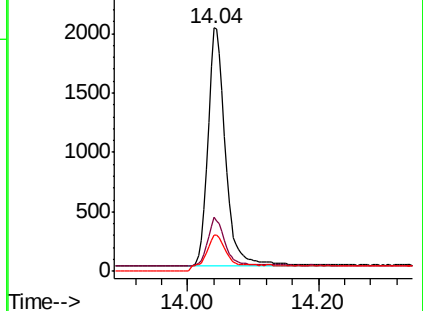
153 15.0 13.0 19.6



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



#8

Acenaphthene

Concen: 0.382 ng/ul

RT: 14.39 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

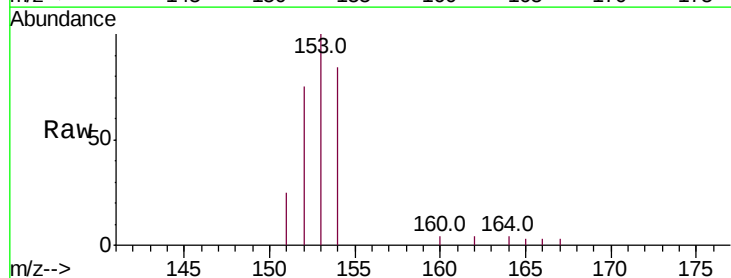
Tgt Ion:153 Resp: 2640

Ion Ratio Lower Upper

153 100

152 75.1 58.6 88.0

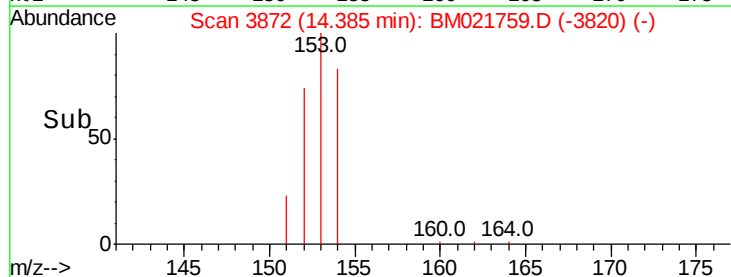
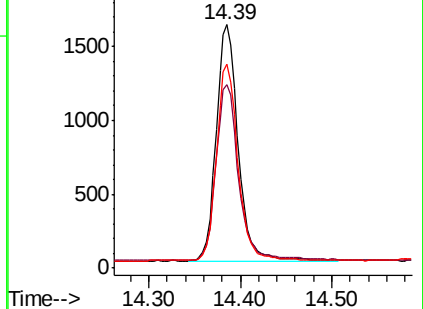
154 83.6 64.5 96.7

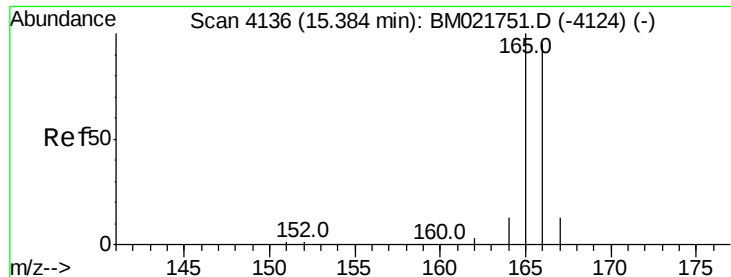


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.381 ng/ul

RT: 15.38 min Scan# 4135

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

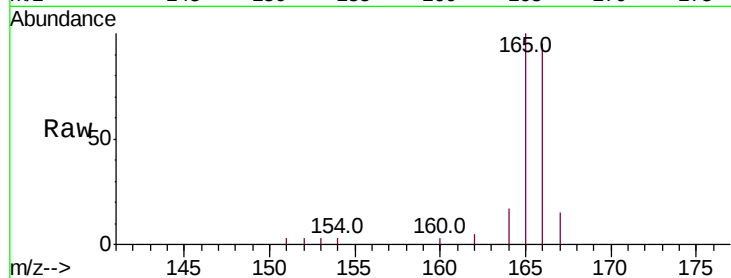
Tot Ion:166 Resp: 2953

Ion Ratio Lower Upper

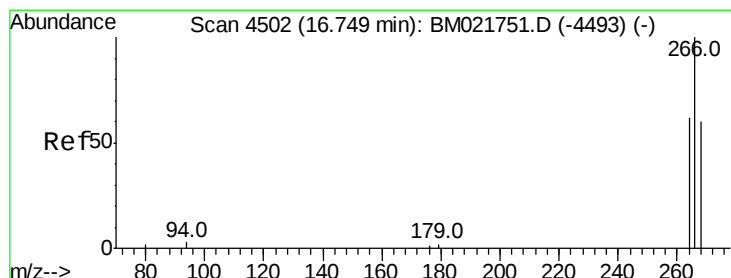
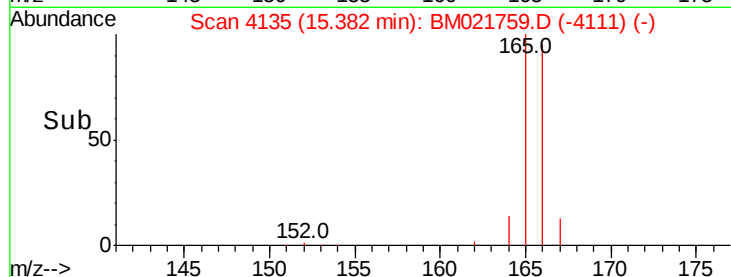
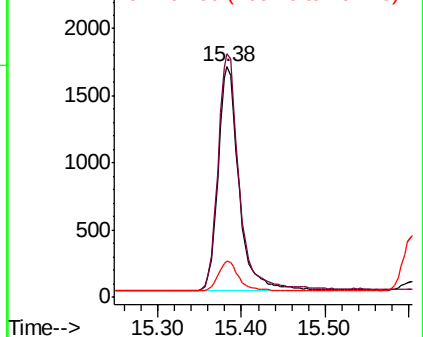
166 100

165 105.5 85.2 127.8

167 16.0 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



#11

Pentachlorophenol

Concen: 0.388 ng/ul

RT: 16.75 min Scan# 4502

Delta R.T. -0.00 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

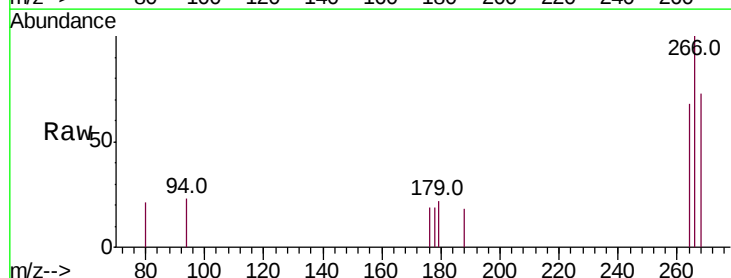
Tgt Ion:266 Resp: 559

Ion Ratio Lower Upper

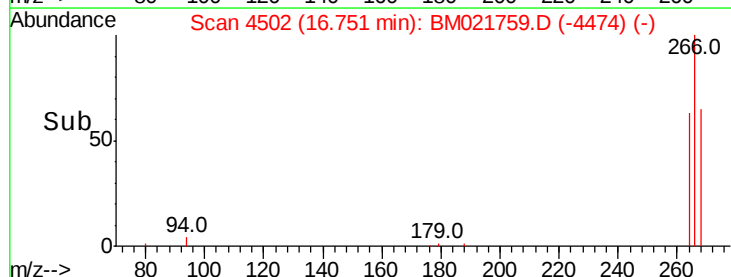
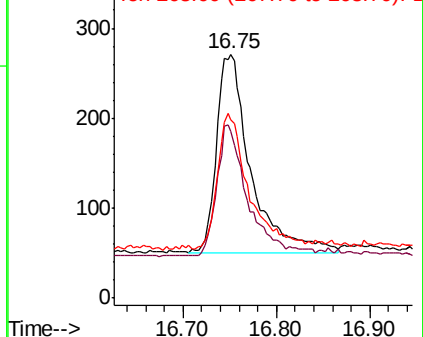
266 100

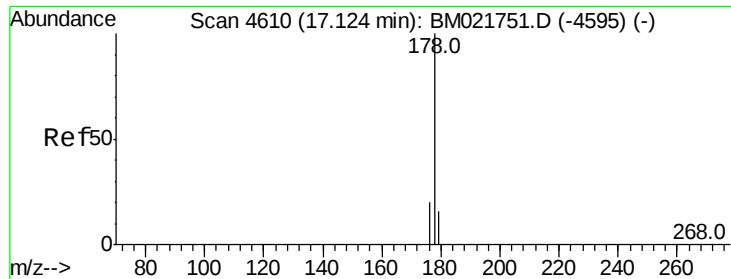
264 62.8 48.8 73.2

268 65.8 53.4 80.0



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.391 ng/ul

RT: 17.12 min Scan# 4609

Delta R.T. -0.00 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

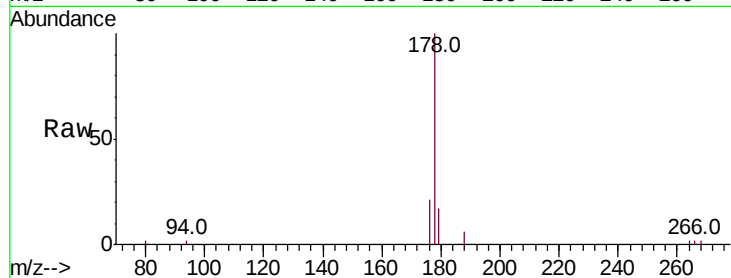
Tot Ion:178 Resp: 4562

Ion Ratio Lower Upper

178 100

179 17.1 13.9 20.9

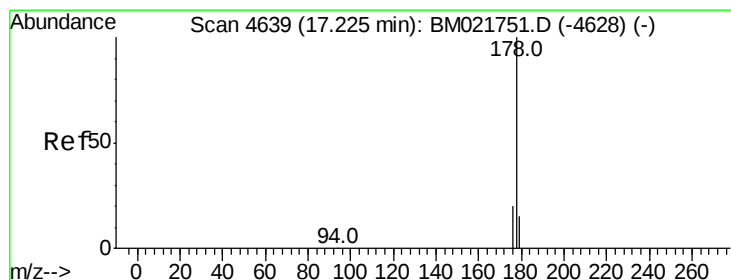
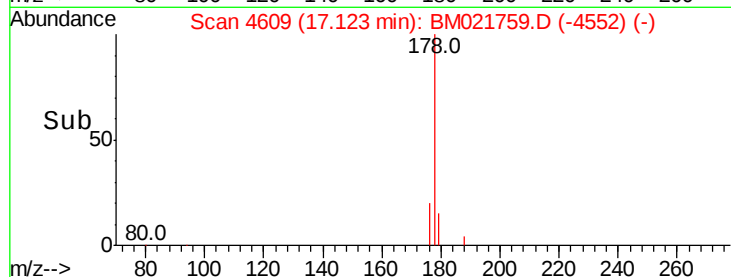
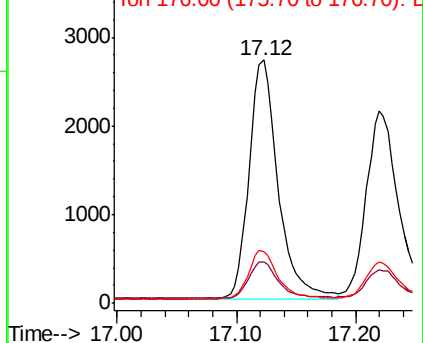
176 21.2 17.8 26.8



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



#13

Anthracene

Concen: 0.397 ng/ul

RT: 17.22 min Scan# 4637

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

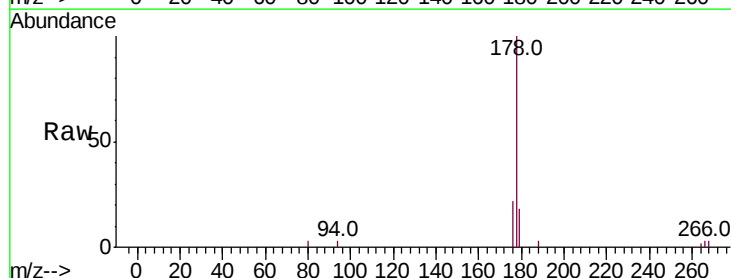
Tgt Ion:178 Resp: 3988

Ion Ratio Lower Upper

178 100

179 17.5 14.3 21.5

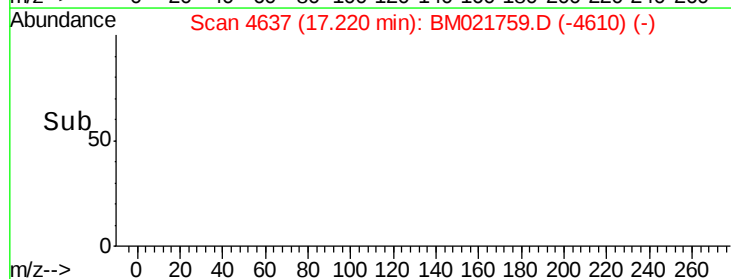
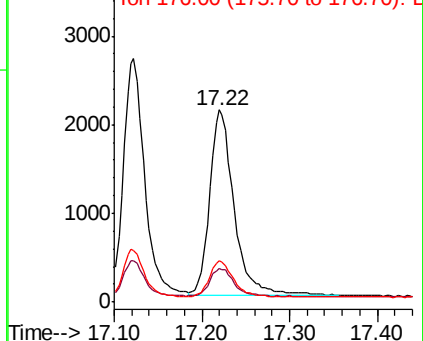
176 21.6 17.7 26.5

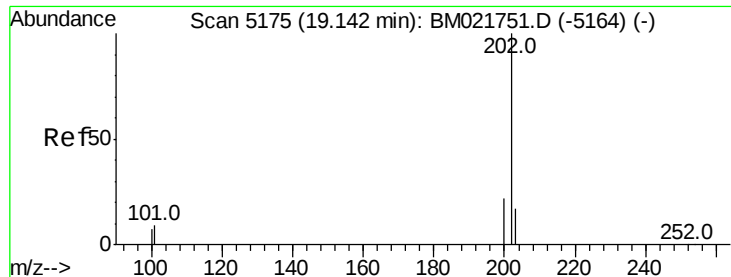


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

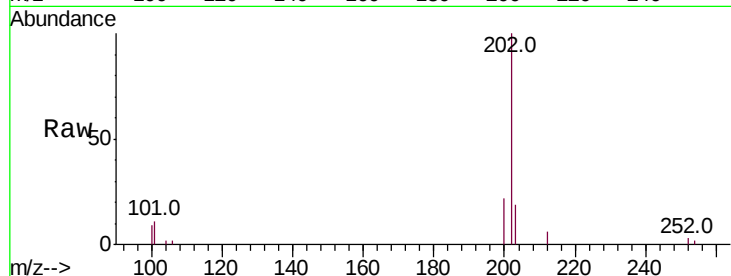




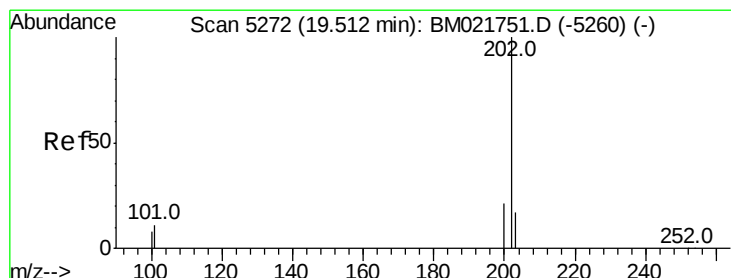
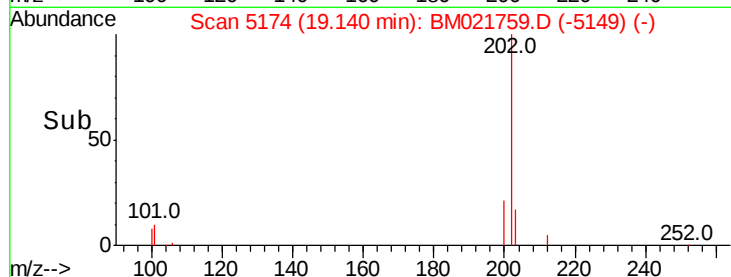
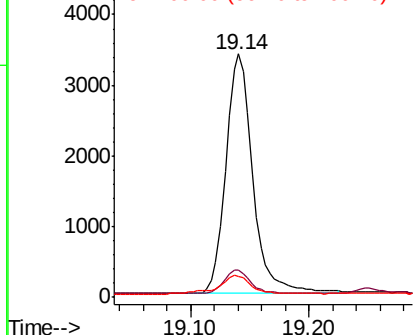
#15
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.14 min Scan# 5174
Delta R.T. -0.00 min
Lab File: BM021759.D
Acq: 01 Aug 2019 00:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 5374
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
100 8.8 0.0 28.8

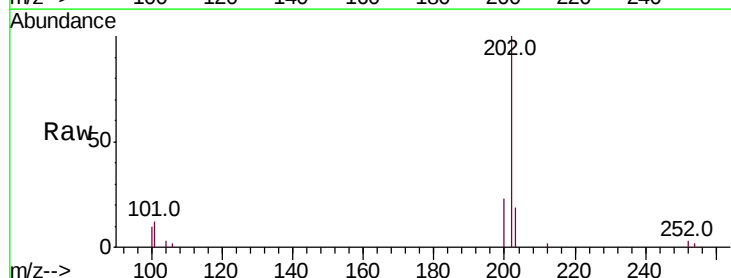


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

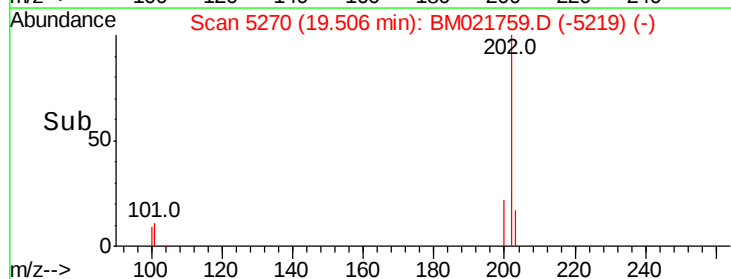
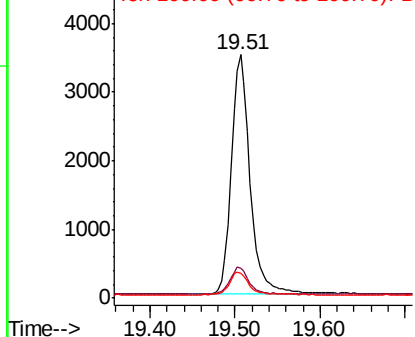


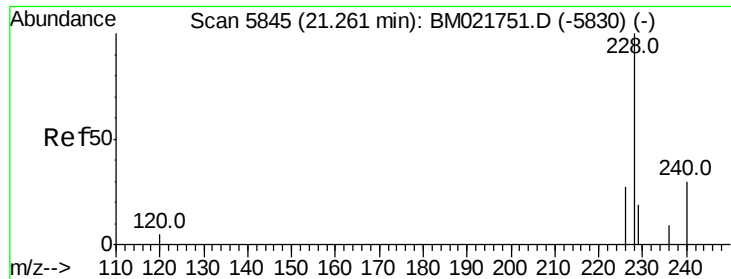
#17
Pyrene
Concen: 0.426 ng/ul
RT: 19.51 min Scan# 5270
Delta R.T. -0.00 min
Lab File: BM021759.D
Acq: 01 Aug 2019 00:10

Tgt Ion:202 Resp: 5404
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
100 10.3 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: 0.397 ng/ul

RT: 21.26 min Scan# 5842

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

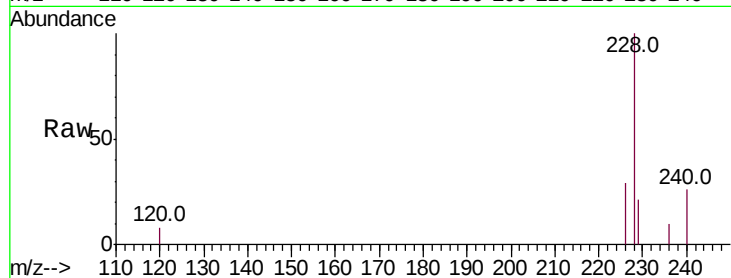
Tot Ion:228 Resp: 5542

Ion Ratio Lower Upper

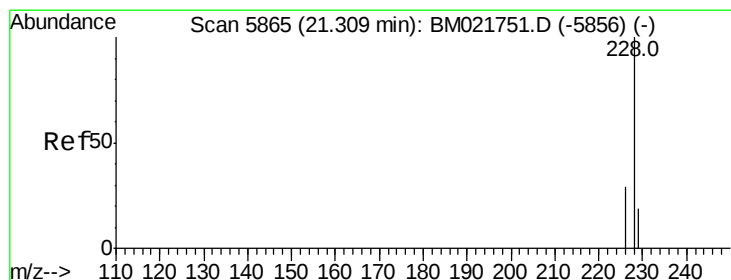
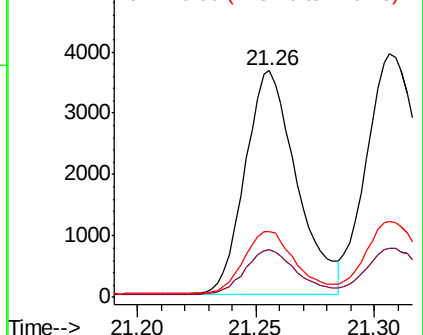
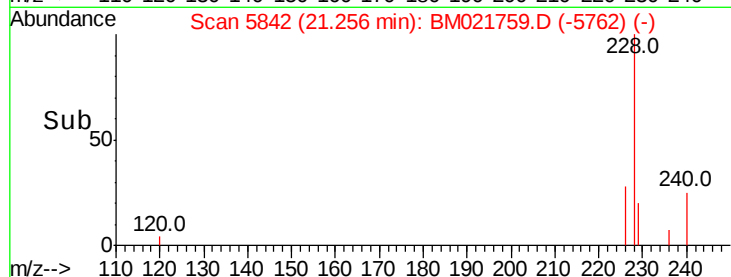
228 100

229 21.4 16.6 25.0

226 29.0 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: 0.383 ng/ul

RT: 21.31 min Scan# 5863

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

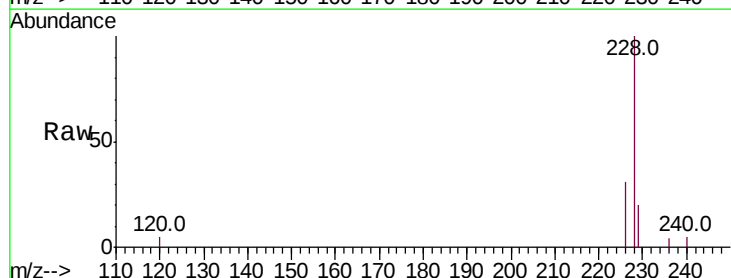
Tgt Ion:228 Resp: 6738

Ion Ratio Lower Upper

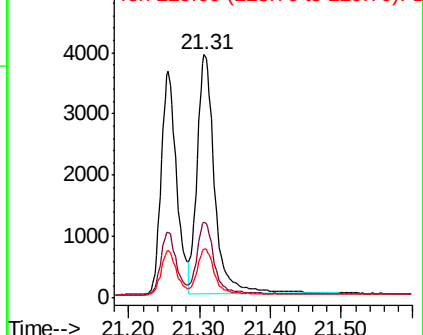
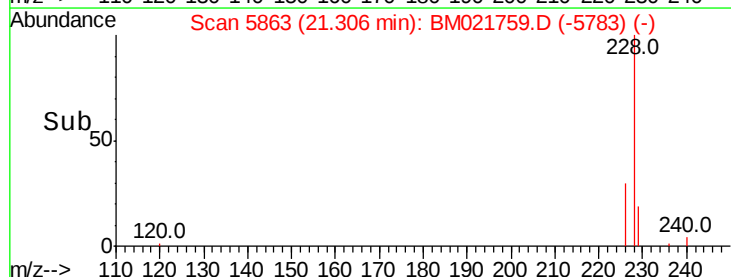
228 100

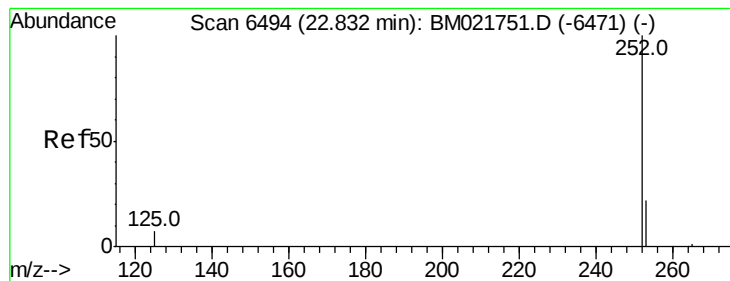
226 31.4 24.7 37.1

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: 0.392 ng/u1

RT: 22.83 min Scan# 6492

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

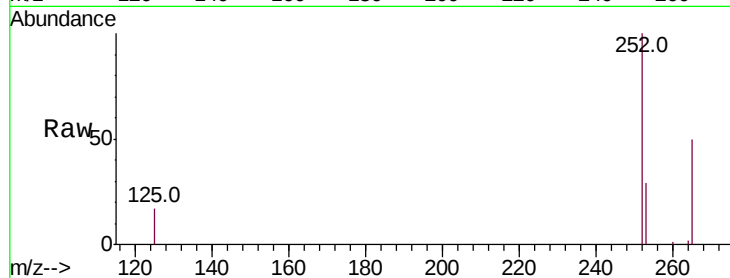
Tot Ion:252 Resp: 7934

Ion Ratio Lower Upper

252 100

253 29.0 0.0 54.8

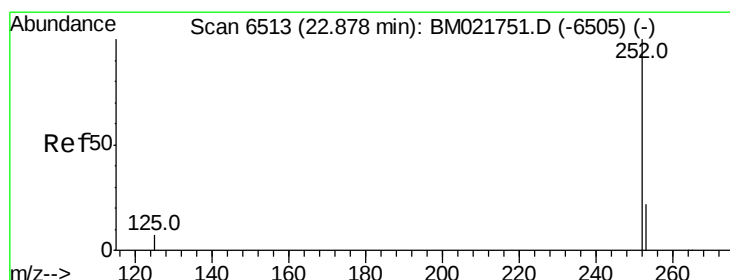
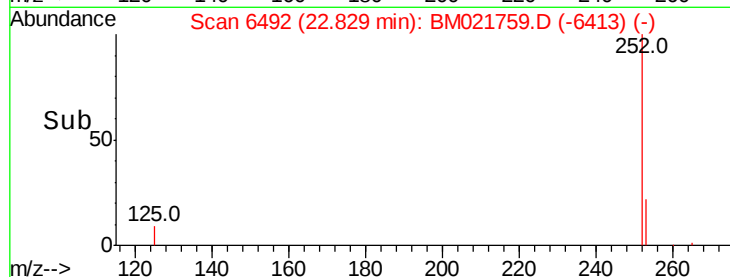
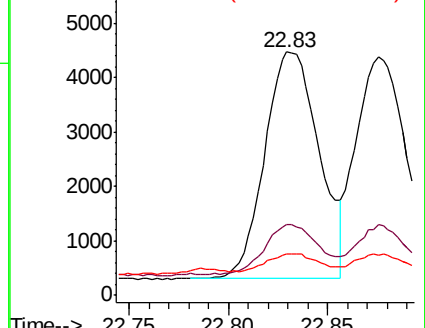
125 17.1 0.0 29.4



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: 0.389 ng/u1

RT: 22.88 min Scan# 6511

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

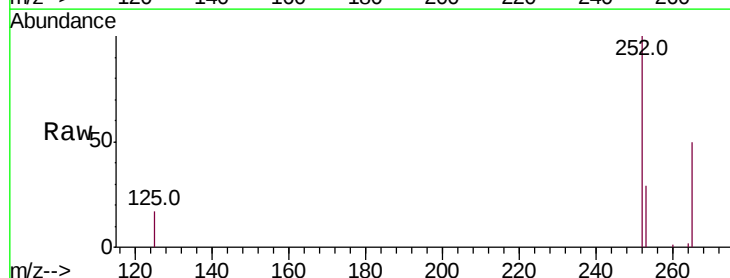
Tgt Ion:252 Resp: 7986

Ion Ratio Lower Upper

252 100

253 29.4 22.6 33.8

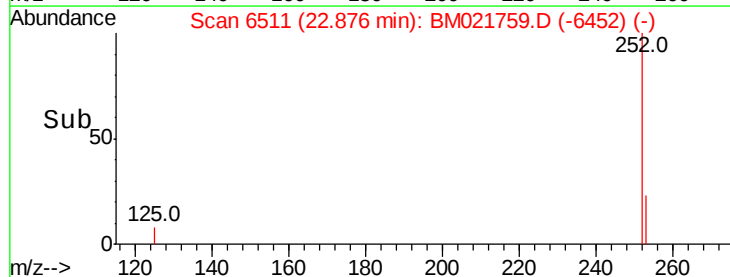
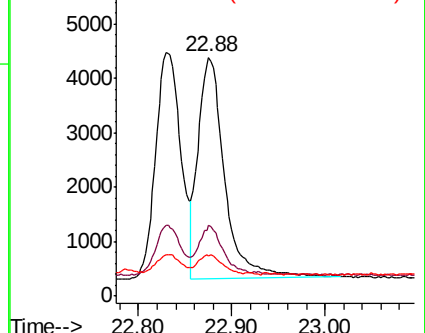
125 17.0 12.1 18.1

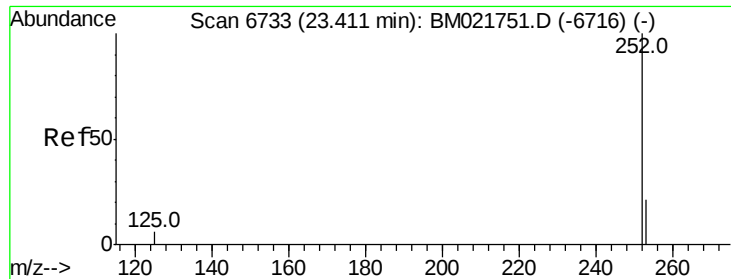


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.41 min Scan# 6732

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

Instrument :

BNA_M

ClientSampleId :

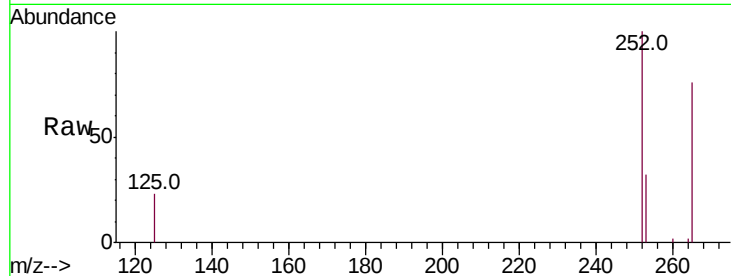
Tot Ion:252 Resp: 6994

Ion Ratio Lower Upper

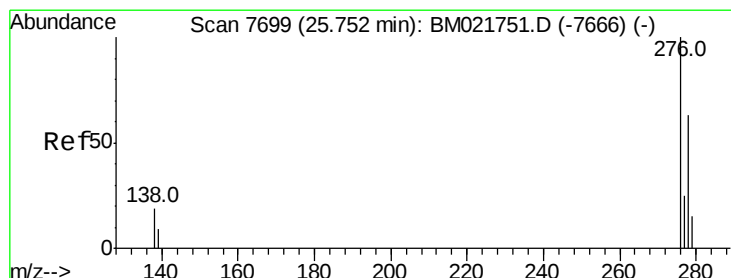
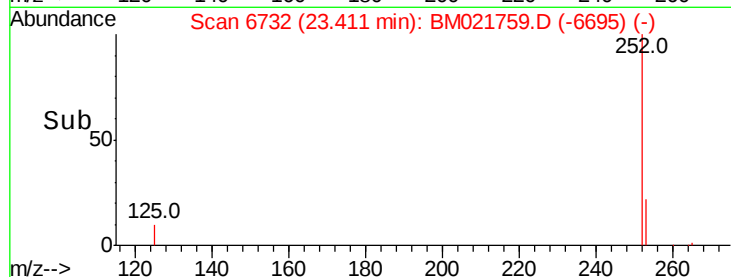
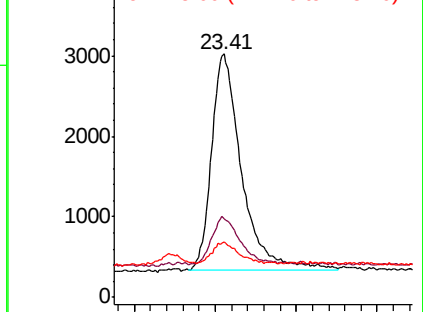
252 100

253 32.4 24.3 36.5

125 22.7 14.9 22.3#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.354 ng/ul

RT: 25.75 min Scan# 7696

Delta R.T. -0.01 min

Lab File: BM021759.D

Acq: 01 Aug 2019 00:10

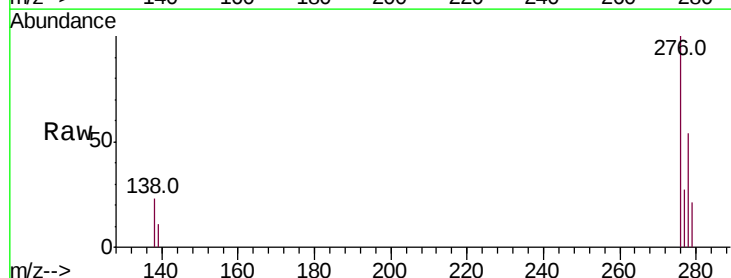
Tgt Ion:276 Resp: 8613

Ion Ratio Lower Upper

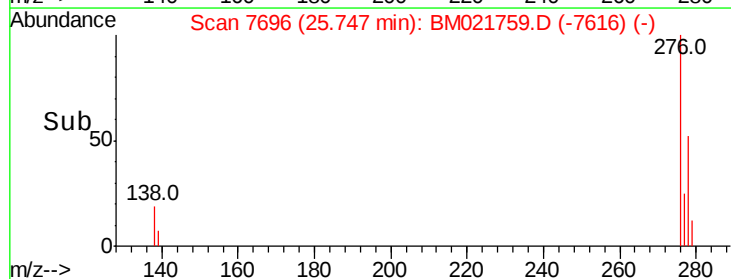
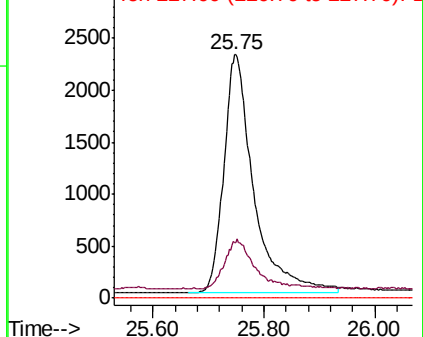
276 100

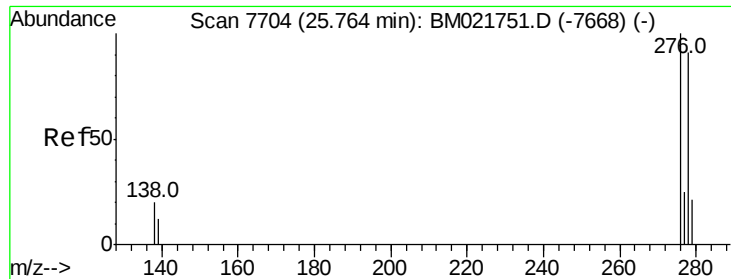
138 21.0 15.3 22.9

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

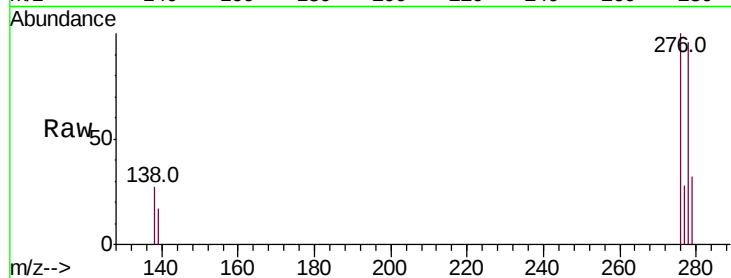




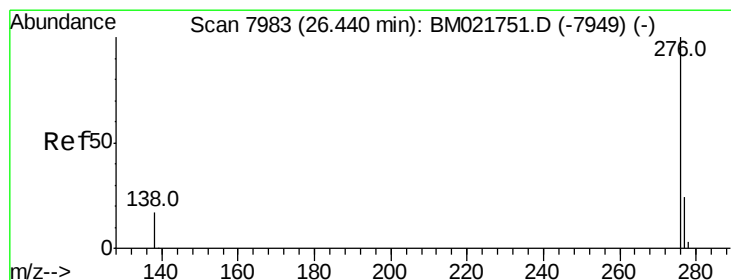
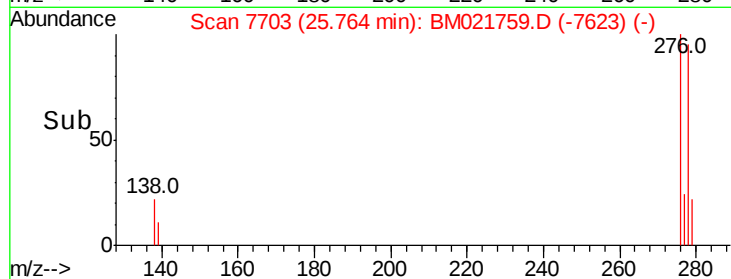
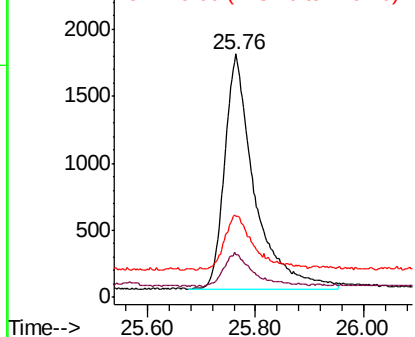
#25
Dibenzo(a,h)anthracene
Concen: 0.355 ng/ul
RT: 25.76 min Scan# 7703
Delta R.T. -0.01 min
Lab File: BM021759.D
Acq: 01 Aug 2019 00:10

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 6786
Ion Ratio Lower Upper
278 100
139 17.7 13.1 19.7
279 33.1 25.2 37.8

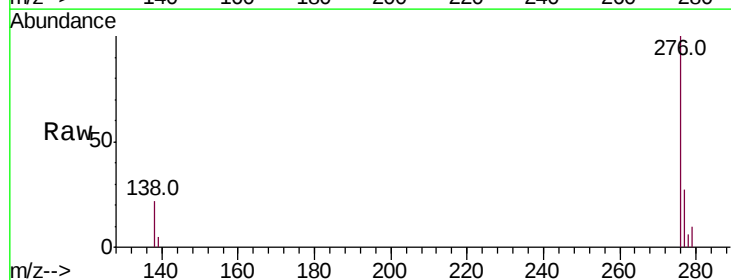


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.348 ng/ul
RT: 26.44 min Scan# 7981
Delta R.T. -0.01 min
Lab File: BM021759.D
Acq: 01 Aug 2019 00:10

Tgt Ion:276 Resp: 8128
Ion Ratio Lower Upper
276 100
138 22.2 15.4 23.2
277 27.2 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

