

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101220\
 Data File : BM027654.D
 Acq On : 12 Oct 2020 12:03
 Operator : JU/CG
 Sample : PB132211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS211

Quant Time: Oct 12 15:10:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM100820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 10:50:29 2020
 Response via : Initial Calibration

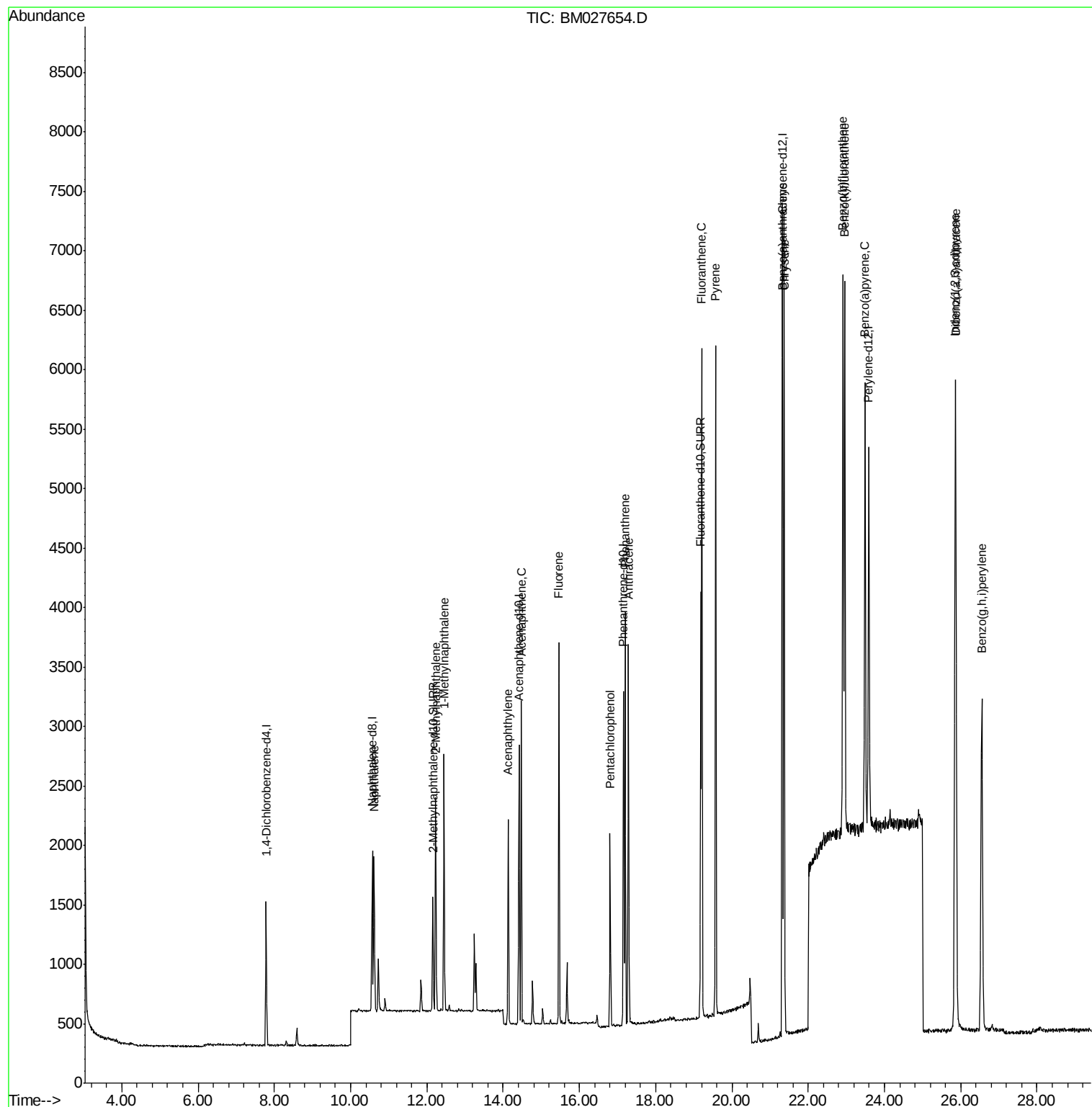
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	610	0.40	ng/ul	0.00
2) Naphthalene-d8	10.57	136	1862	0.40	ng/ul	0.00
7) Acenaphthene-d10	14.41	164	1341	0.40	ng/ul	0.00
11) Phenanthrene-d10	17.16	188	3572	0.40	ng/ul	0.00
17) Chrysene-d12	21.34	240	3898	0.40	ng/ul	0.00
21) Perylene-d12	23.59	264	4128	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.16	152	1213	0.35	ng/ul	0.00
15) Fluoranthene-d10	19.18	212	4303	0.39	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.61	128	1713	0.323	ng/ul	96
5) 2-Methylnaphthalene	12.23	142	1262	0.328	ng/ul	98
6) 1-Methylnaphthalene	12.45	142	1451	0.362	ng/ul	100
8) Acenaphthylene	14.13	152	1911	0.328	ng/ul	99
9) Acenaphthene	14.48	153	1521	0.330	ng/ul	97
10) Fluorene	15.46	166	1989	0.339	ng/ul	99
12) Pentachlorophenol	16.80	266	998	0.688	ng/ul	98
13) Phenanthrene	17.20	178	3615	0.334	ng/ul	97
14) Anthracene	17.29	178	3387	0.335	ng/ul	99
16) Fluoranthene	19.21	202	5051	0.370	ng/ul	97
18) Pyrene	19.57	202	5154	0.382	ng/ul#	97
19) Benzo(a)anthracene	21.32	228	5421	0.359	ng/ul	98
20) Chrysene	21.37	228	5702	0.356	ng/ul	99
22) Benzo(b)fluoranthene	22.91	252	6198	0.354	ng/ul	96
23) Benzo(k)fluoranthene	22.96	252	6083	0.346	ng/ul	97
24) Benzo(a)pyrene	23.49	252	5535	0.360	ng/ul#	94
25) Indeno(1,2,3-cd)pyrene	25.85	276	7211	0.349	ng/ul#	98
26) Dibenzo(a,h)anthracene	25.87	278	6012	0.352	ng/ul	97
27) Benzo(a,h,i)perylene	26.55	276	6195	0.342	ng/ul	98

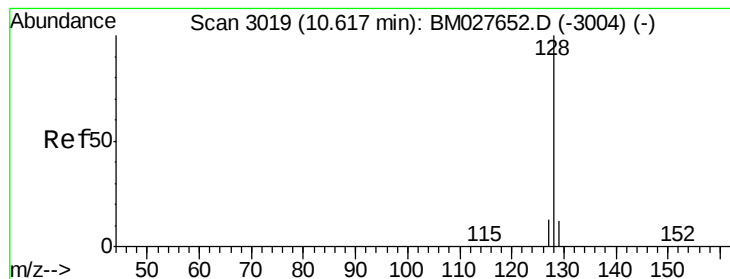
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101220\
Data File : BM027654.D
Acq On : 12 Oct 2020 12:03
Operator : JU/CG
Sample : PB132211BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS211

Quant Time: Oct 12 15:10:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM100820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 10:50:29 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.323 ng/ul

RT: 10.61 min Scan# 3018

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampled :

SLCS211

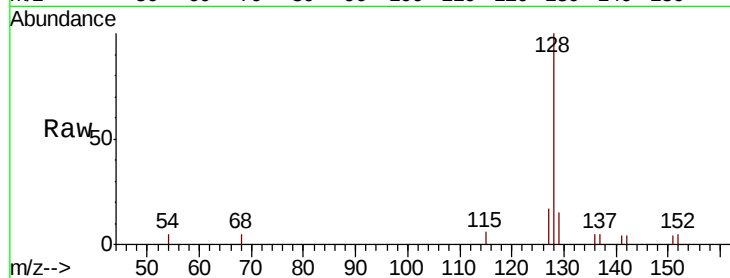
Tot Ion:128 Resp: 1713

Ion Ratio Lower Upper

128 100

129 15.3 11.0 16.4

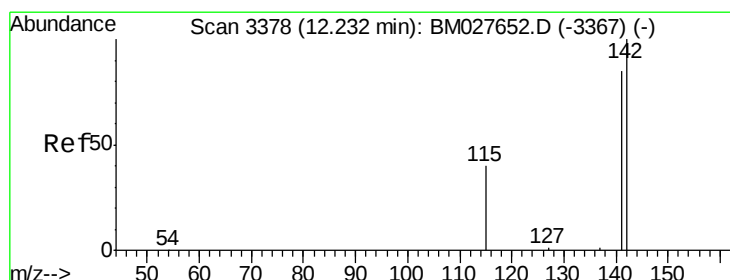
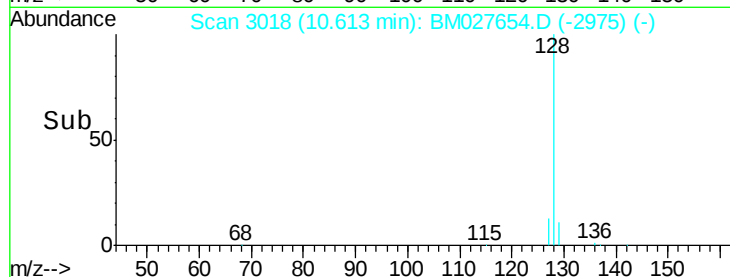
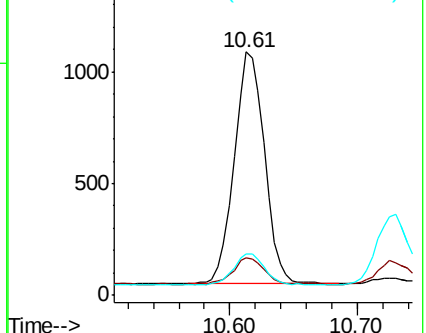
127 17.0 12.2 18.2



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: 0.328 ng/ul

RT: 12.23 min Scan# 3378

Delta R.T. -0.00 min

Lab File: BM027654.D

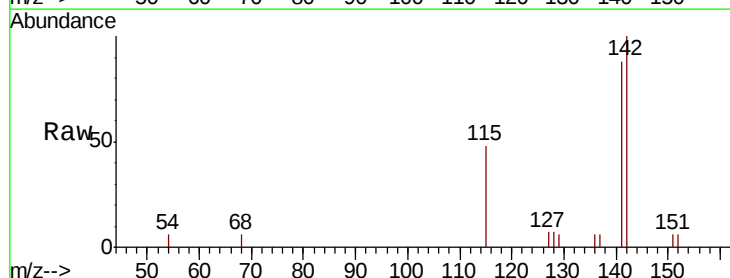
Acq: 12 Oct 2020 12:03

Tgt Ion:142 Resp: 1262

Ion Ratio Lower Upper

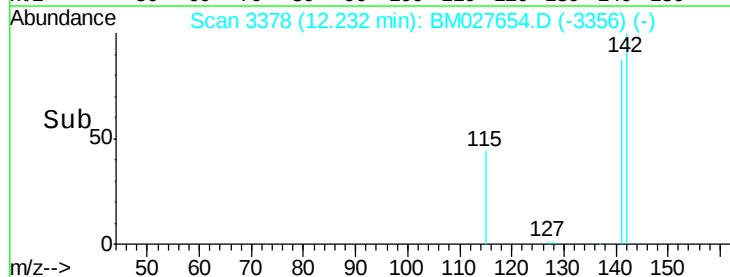
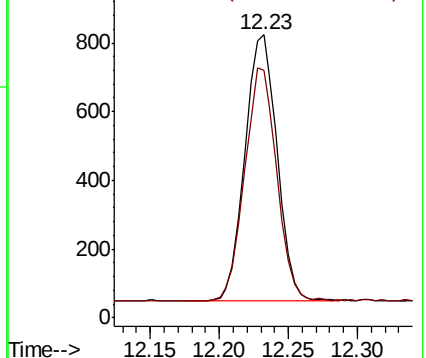
142 100

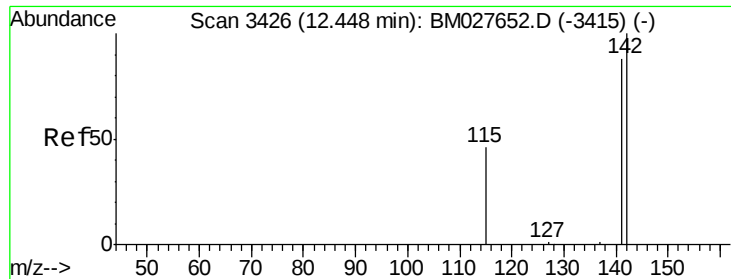
141 87.4 68.6 103.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#6

1-Methylnaphthalene

Concen: 0.362 ng/ul

RT: 12.45 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampled :

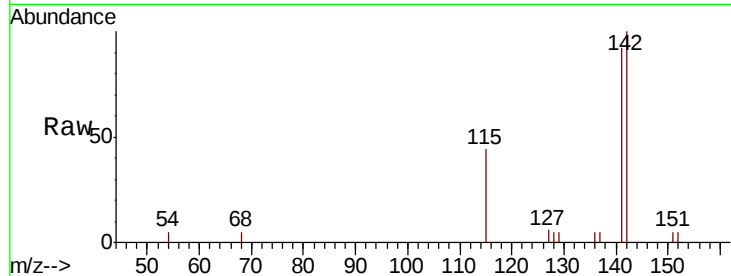
SLCS211

Tot Ion:142 Resp: 1451

Ion Ratio Lower Upper

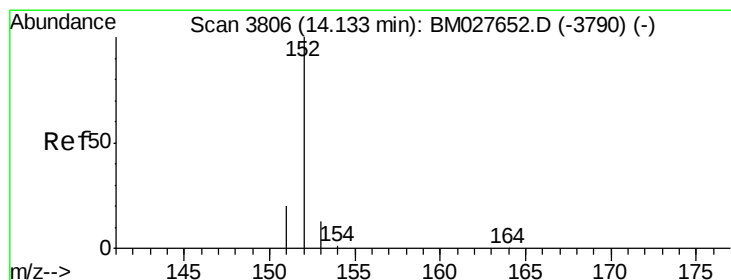
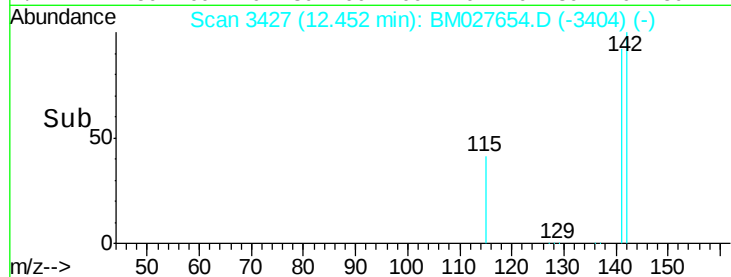
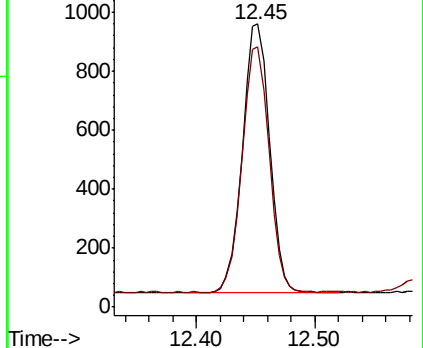
142 100

141 91.0 72.6 108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

Acenaphthylene

Concen: 0.328 ng/ul

RT: 14.13 min Scan# 3806

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

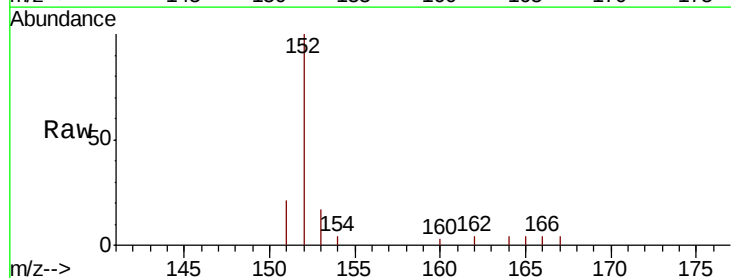
Tgt Ion:152 Resp: 1911

Ion Ratio Lower Upper

152 100

151 20.9 16.5 24.7

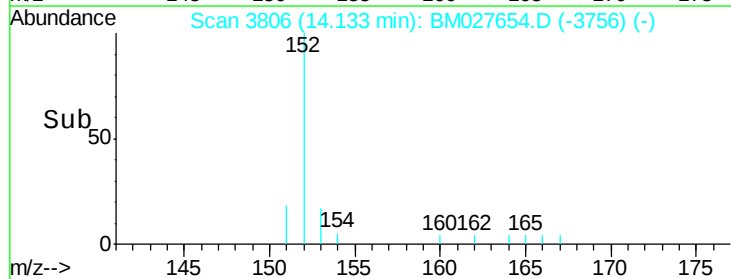
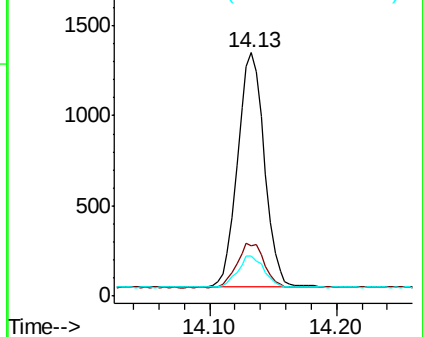
153 16.5 12.4 18.6

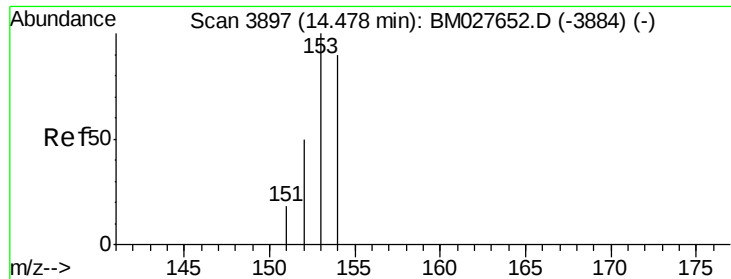


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 0.330 ng/ul

RT: 14.48 min Scan# 3897

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

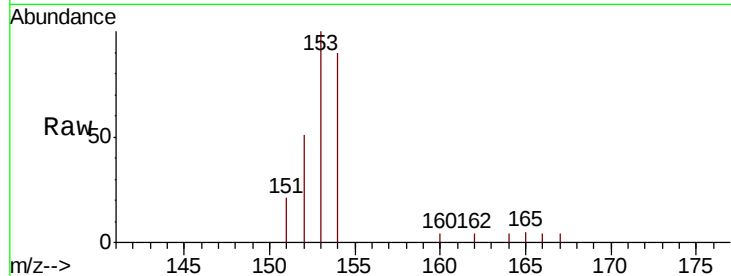
Tot Ion:153 Resp: 1521

Ion Ratio Lower Upper

153 100

152 51.4 40.4 60.6

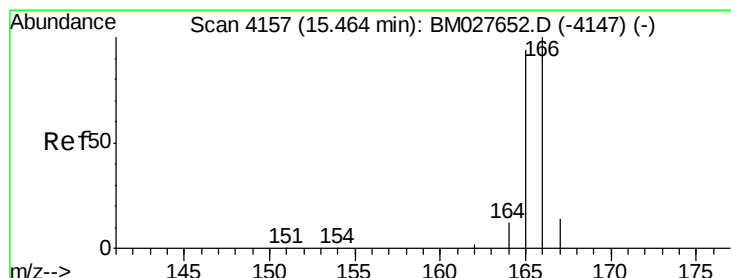
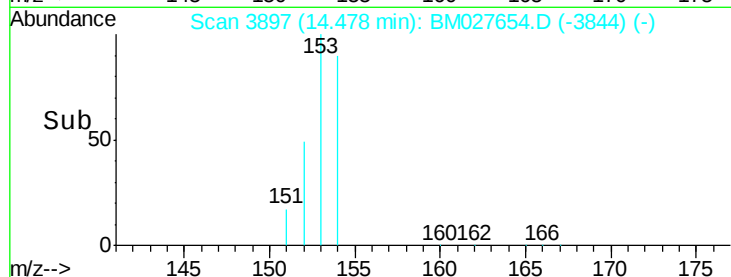
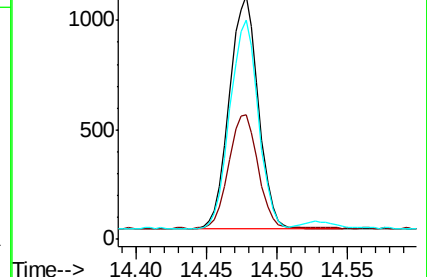
154 90.2 69.4 104.2



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



#10

Fluorene

Concen: 0.339 ng/ul

RT: 15.46 min Scan# 4157

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

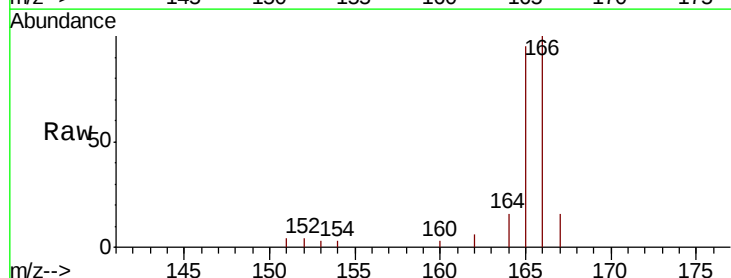
Tgt Ion:166 Resp: 1989

Ion Ratio Lower Upper

166 100

165 95.2 76.6 115.0

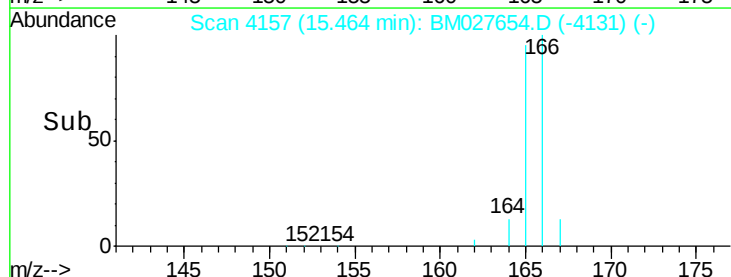
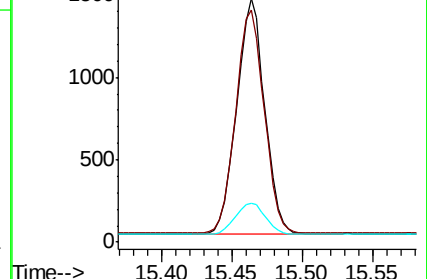
167 15.9 11.9 17.9

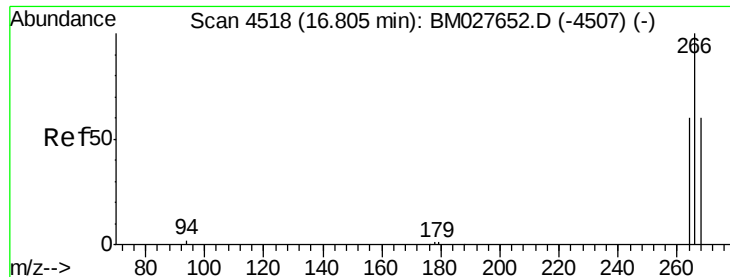


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

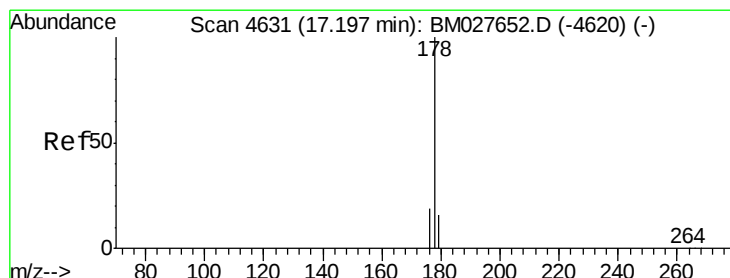
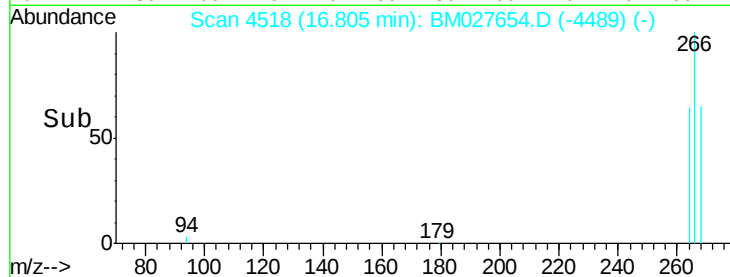
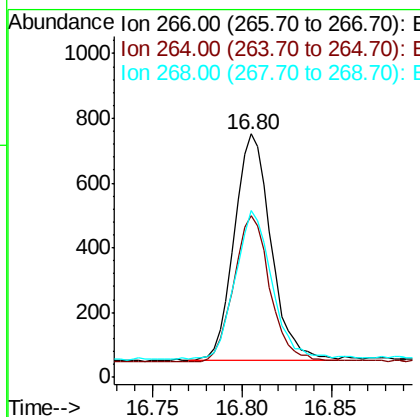
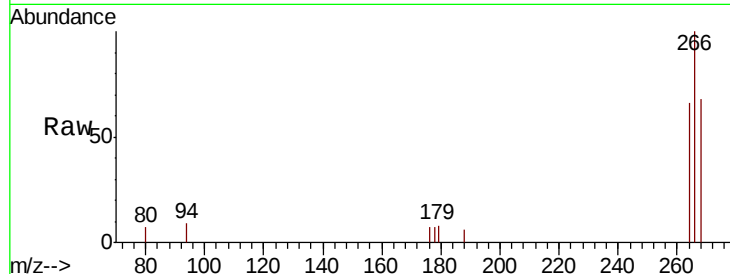




#12
 Pentachlorophenol
 Concen: 0.688 ng/ul
 RT: 16.80 min Scan# 4518
 Delta R.T. -0.00 min
 Lab File: BM027654.D
 Acq: 12 Oct 2020 12:03

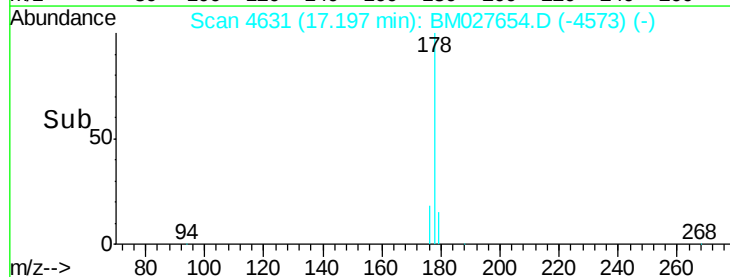
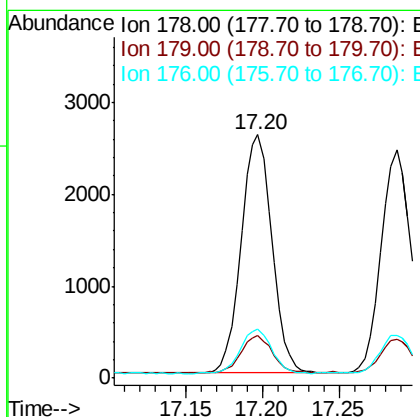
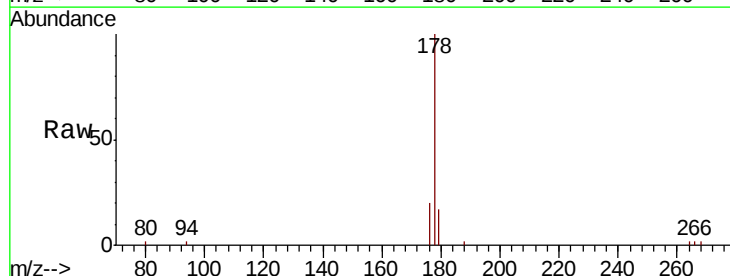
Instrument :
 BNA_M
 ClientSampleId :
 SLCS211

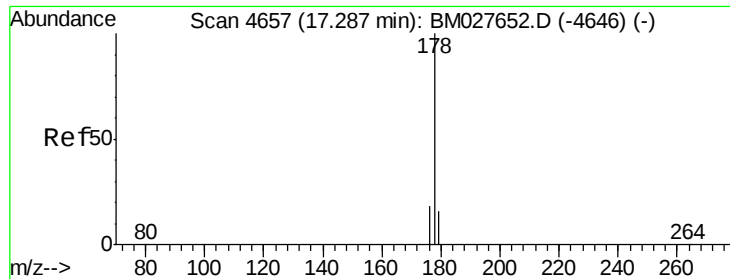
Tot Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.0	73.4
268	66.1	52.5	78.7



#13
 Phenanthrene
 Concen: 0.334 ng/ul
 RT: 17.20 min Scan# 4631
 Delta R.T. -0.00 min
 Lab File: BM027654.D
 Acq: 12 Oct 2020 12:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.6
176	20.1	15.0	22.6





#14

Anthracene

Concen: 0.335 ng/ul

RT: 17.29 min Scan# 4657

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

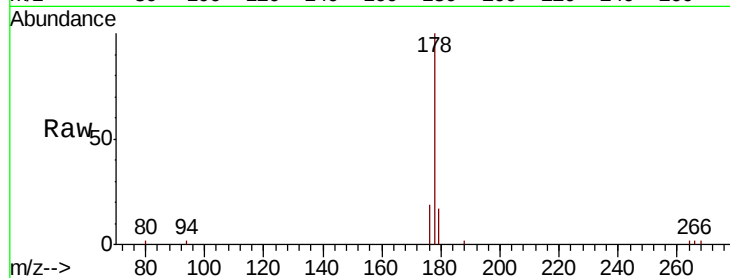
Tot Ion:178 Resp: 3387

Ion Ratio Lower Upper

178 100

179 17.3 13.1 19.7

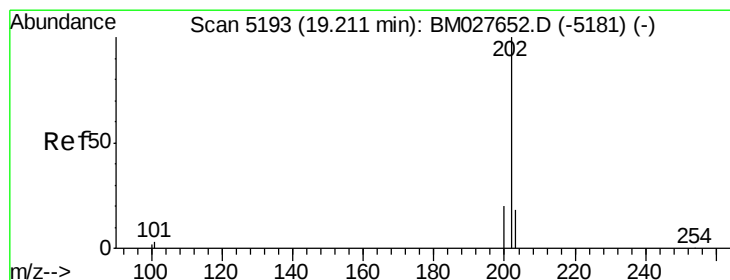
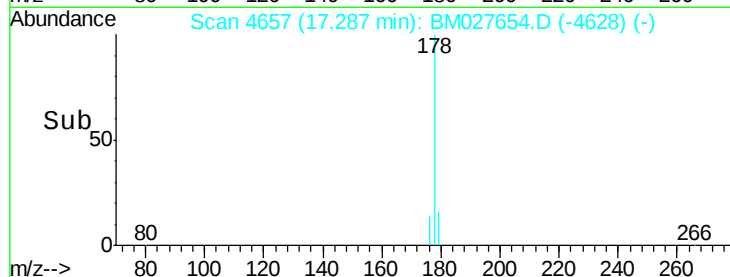
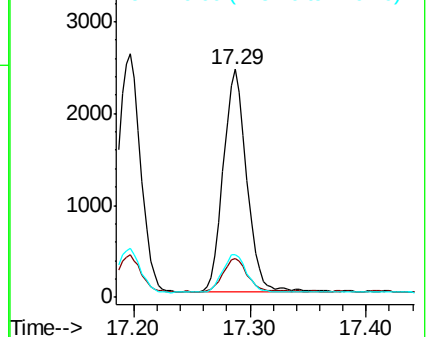
176 19.0 15.3 22.9



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



#16

Fluoranthene

Concen: 0.370 ng/ul

RT: 19.21 min Scan# 5193

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

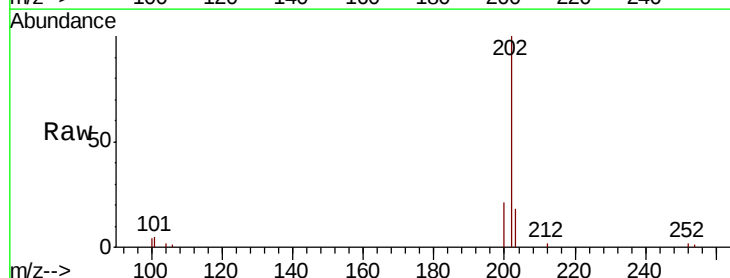
Tgt Ion:202 Resp: 5051

Ion Ratio Lower Upper

202 100

101 4.6 0.0 23.6

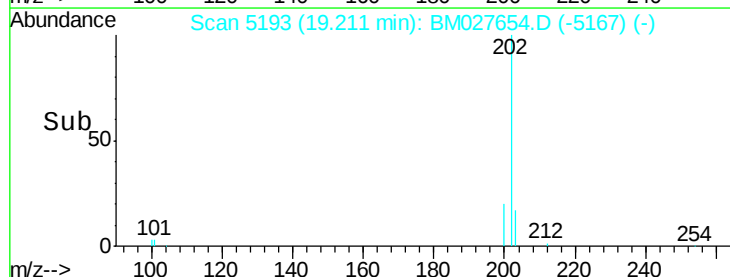
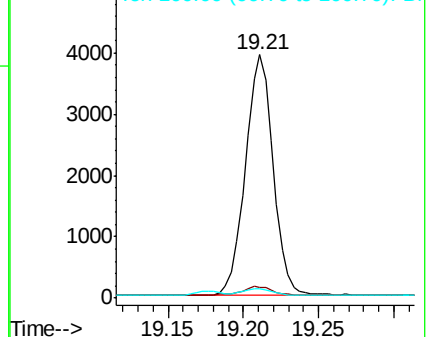
100 3.9 0.0 23.1

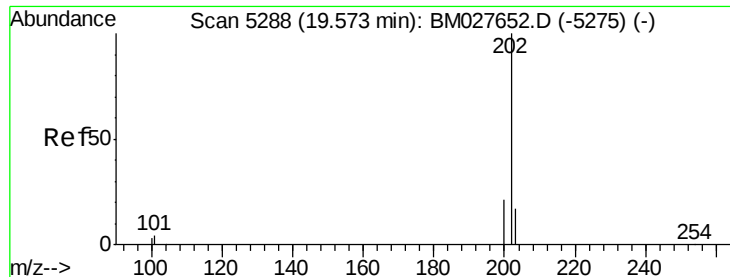


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Pvrene

Concen: 0.382 ng/ul

RT: 19.57 min Scan# 5288

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

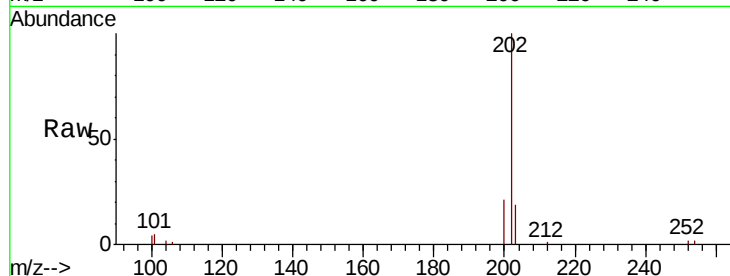
Tot Ion:202 Resp: 5154

Ion Ratio Lower Upper

202 100

101 5.1 3.1 4.7#

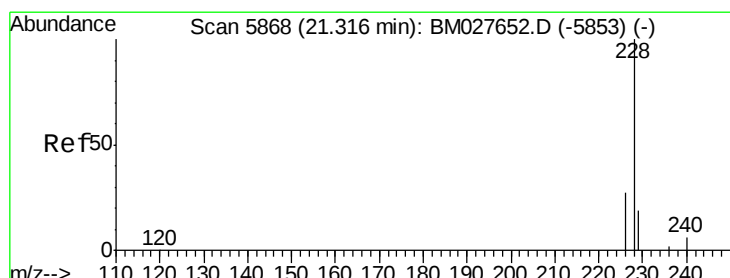
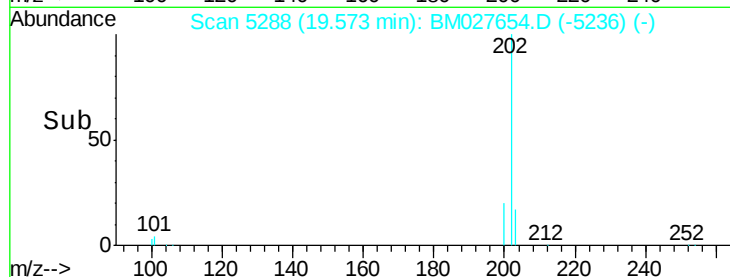
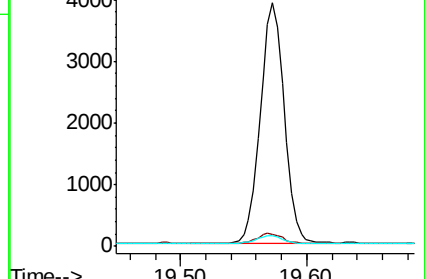
100 4.4 2.8 4.2#



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



#19

Benzo(a)anthracene

Concen: 0.359 ng/ul

RT: 21.32 min Scan# 5869

Delta R.T. 0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

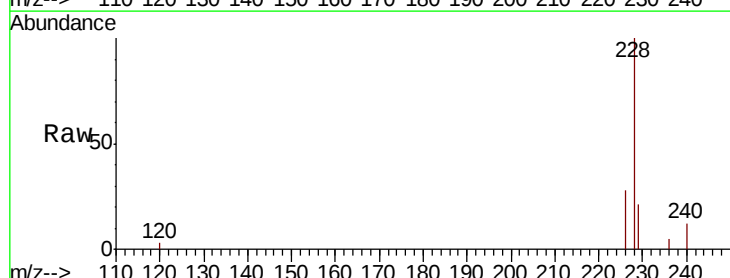
Tgt Ion:228 Resp: 5421

Ion Ratio Lower Upper

228 100

229 20.7 16.2 24.4

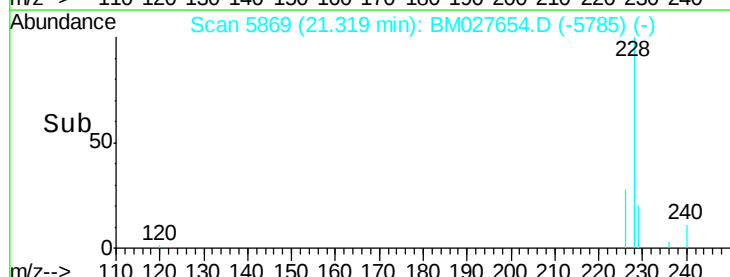
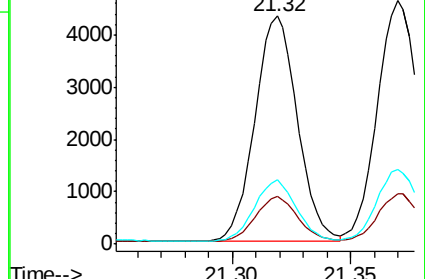
226 28.4 21.4 32.0

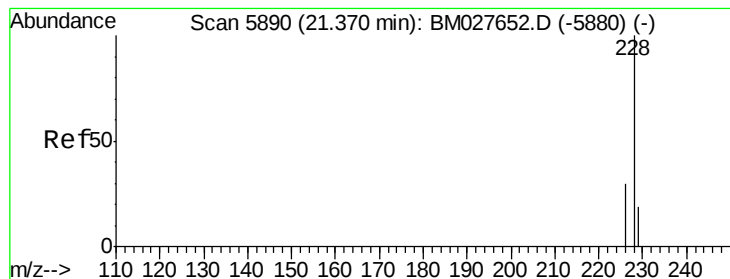


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#20

Chrysene

Concen: 0.356 ng/ul

RT: 21.37 min Scan# 5890

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

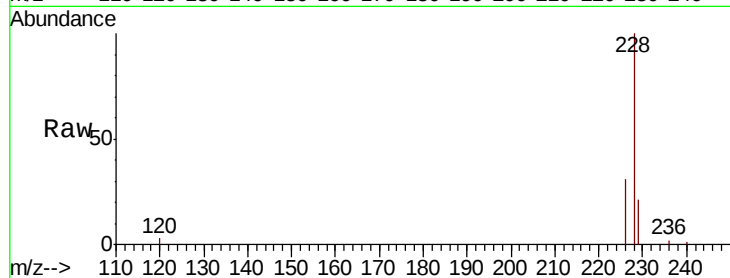
Tot Ion:228 Resp: 5702

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

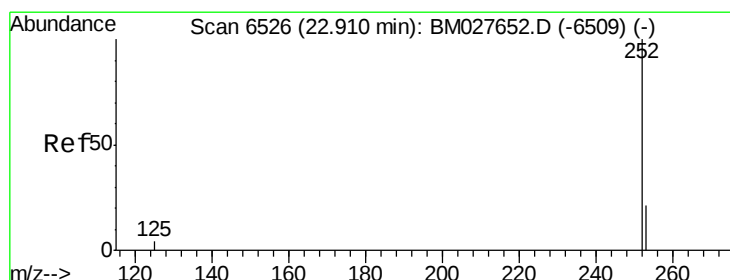
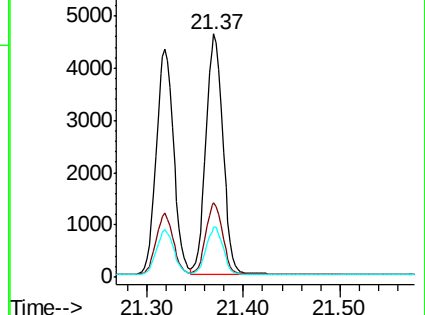
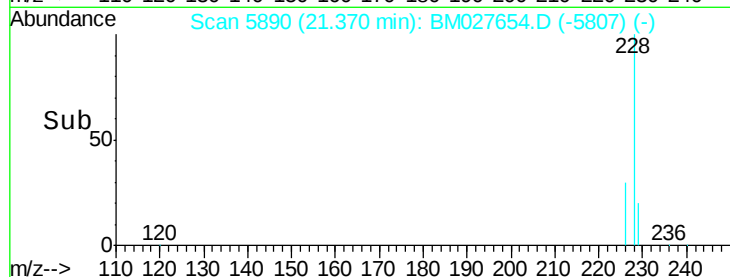
229 20.5 15.8 23.6



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



#22

Benzo(b)fluoranthene

Concen: 0.354 ng/ul

RT: 22.91 min Scan# 6526

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

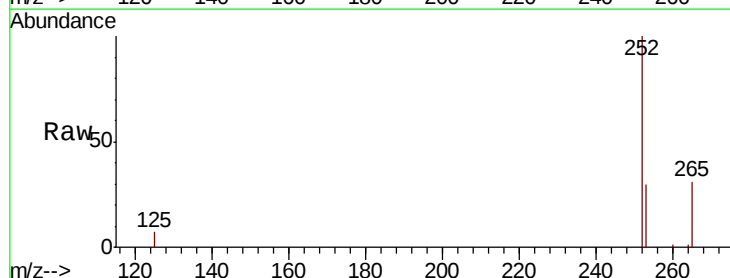
Tgt Ion:252 Resp: 6198

Ion Ratio Lower Upper

252 100

253 29.9 0.0 55.2

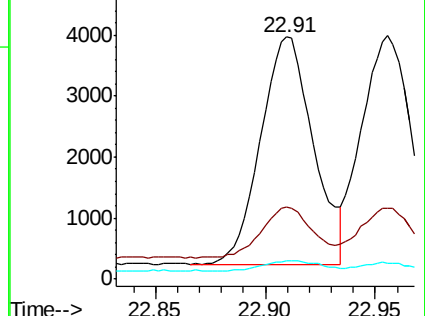
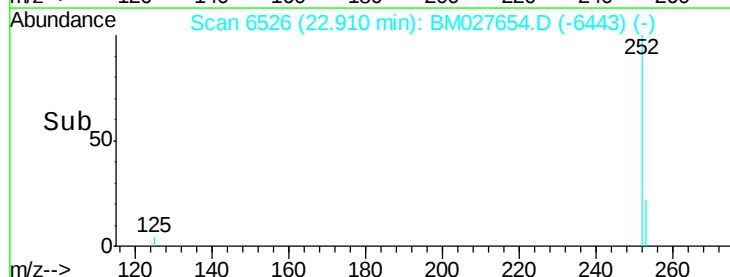
125 7.4 0.0 14.0

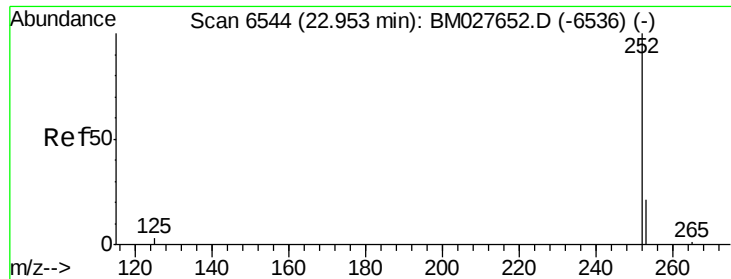


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(k)fluoranthene

Concen: 0.346 ng/ul

RT: 22.96 min Scan# 6545

Delta R.T. 0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

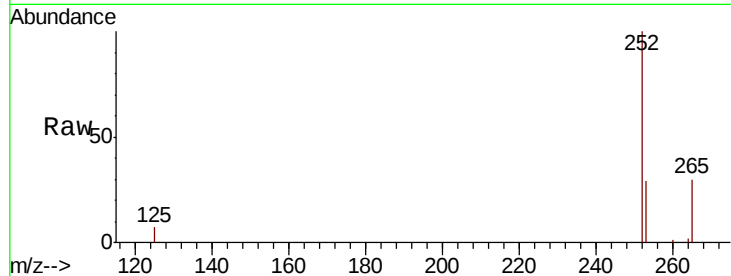
Tot Ion:252 Resp: 6083

Ion Ratio Lower Upper

252 100

253 29.2 22.1 33.1

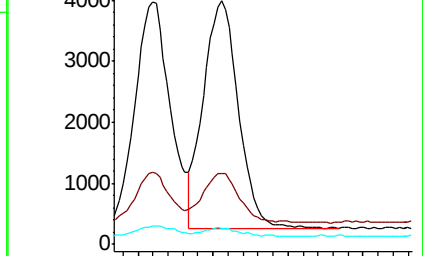
125 6.5 4.7 7.1



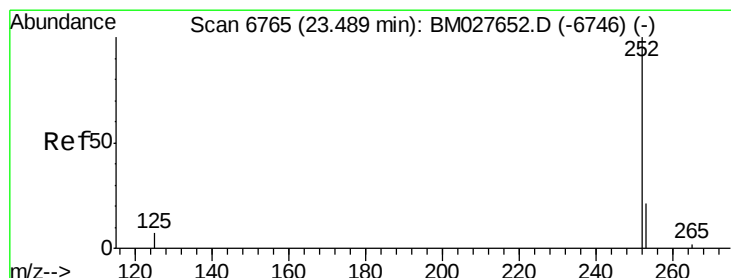
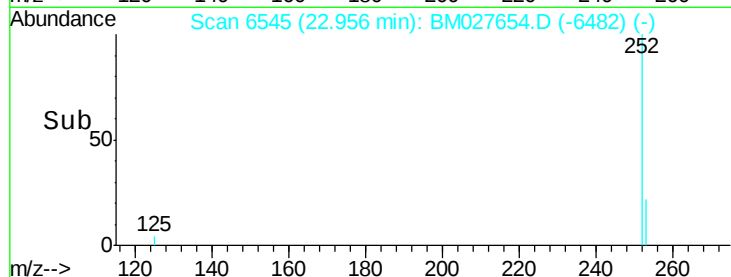
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.49 min Scan# 6765

Delta R.T. -0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

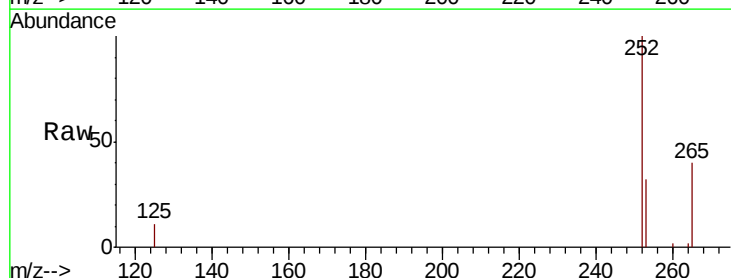
Tgt Ion:252 Resp: 5535

Ion Ratio Lower Upper

252 100

253 32.4 23.1 34.7

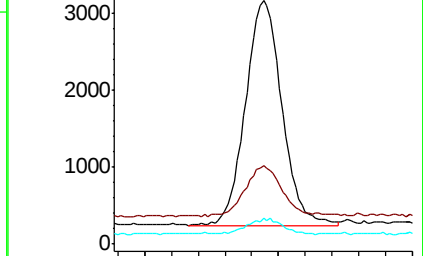
125 10.7 6.9 10.3#



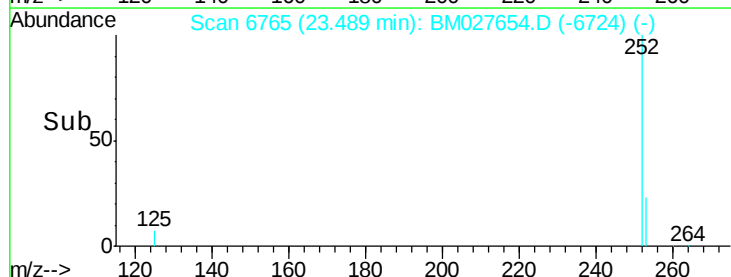
Abundance Ion 252.00 (251.70 to 252.70): E

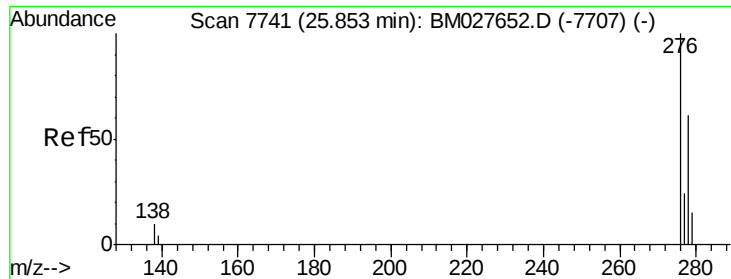
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



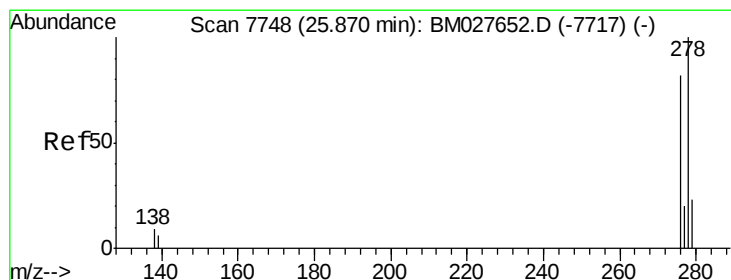
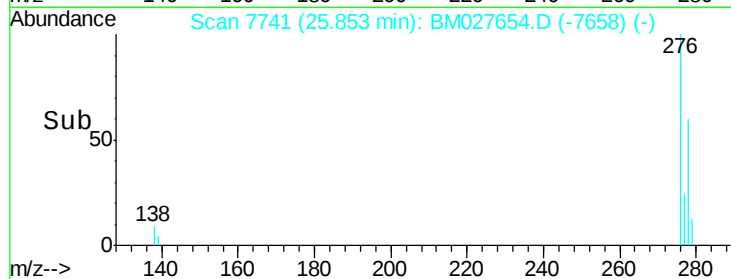
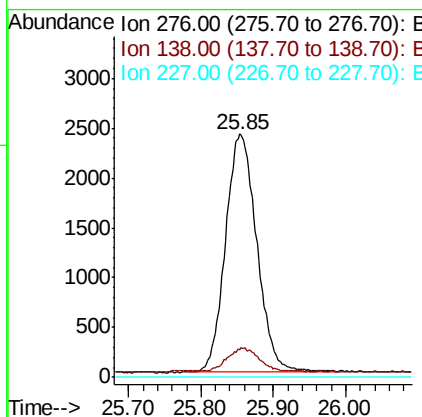
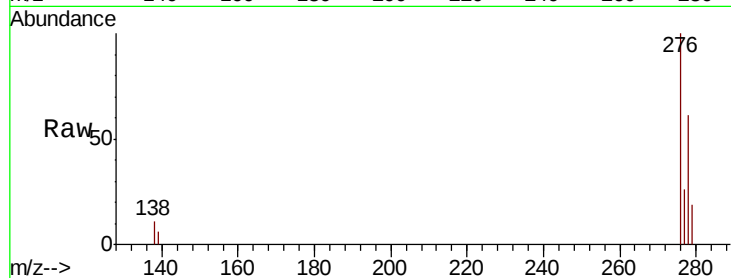


#25

Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.85 min Scan# 7741
Delta R.T. -0.00 min
Lab File: BM027654.D
Acq: 12 Oct 2020 12:03

Instrument :
BNA_M
ClientSampleId :
SLCS211

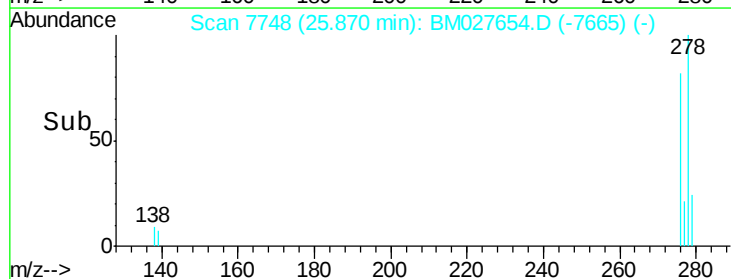
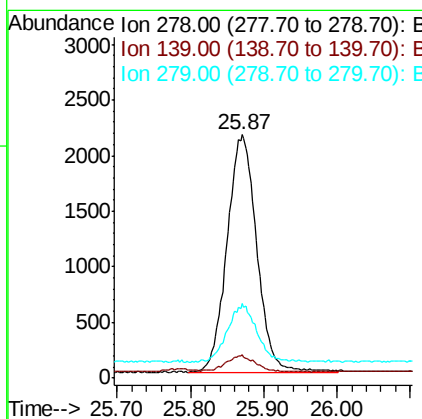
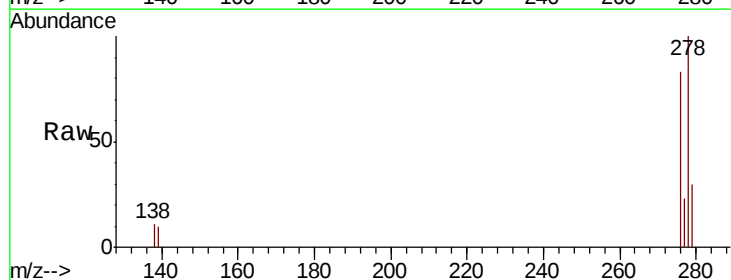
Tot Ion:276 Resp: 7211
Ion Ratio Lower Upper
276 100
138 9.1 7.9 11.9
227 0.0 0.0 0.0

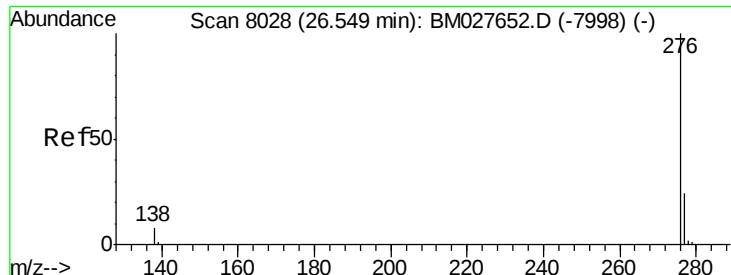


#26

Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.87 min Scan# 7748
Delta R.T. -0.00 min
Lab File: BM027654.D
Acq: 12 Oct 2020 12:03

Tgt Ion:278 Resp: 6012
Ion Ratio Lower Upper
278 100
139 9.5 6.9 10.3
279 30.5 22.8 34.2





#27

Benzo(a,h,i)perylene

Concen: 0.342 ng/ul

RT: 26.55 min Scan# 8029

Delta R.T. 0.00 min

Lab File: BM027654.D

Acq: 12 Oct 2020 12:03

Instrument :

BNA_M

ClientSampleId :

SLCS211

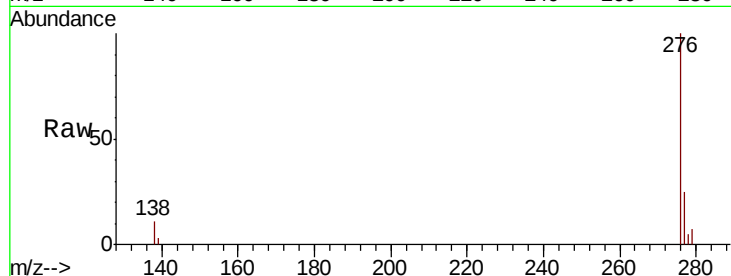
Tot Ion:276 Resp: 6195

Ion Ratio Lower Upper

276 100

138 11.1 8.4 12.6

277 24.8 20.6 31.0



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

