

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
 Data File : BM027753.D
 Acq On : 09 Nov 2020 12:28
 Operator : JU/CG
 Sample : SSTD1.681
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD1.681

Quant Time: Nov 10 06:05:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM02.4-EPA-SIM-BM110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 06:04:03 2020
 Response via : Initial Calibration

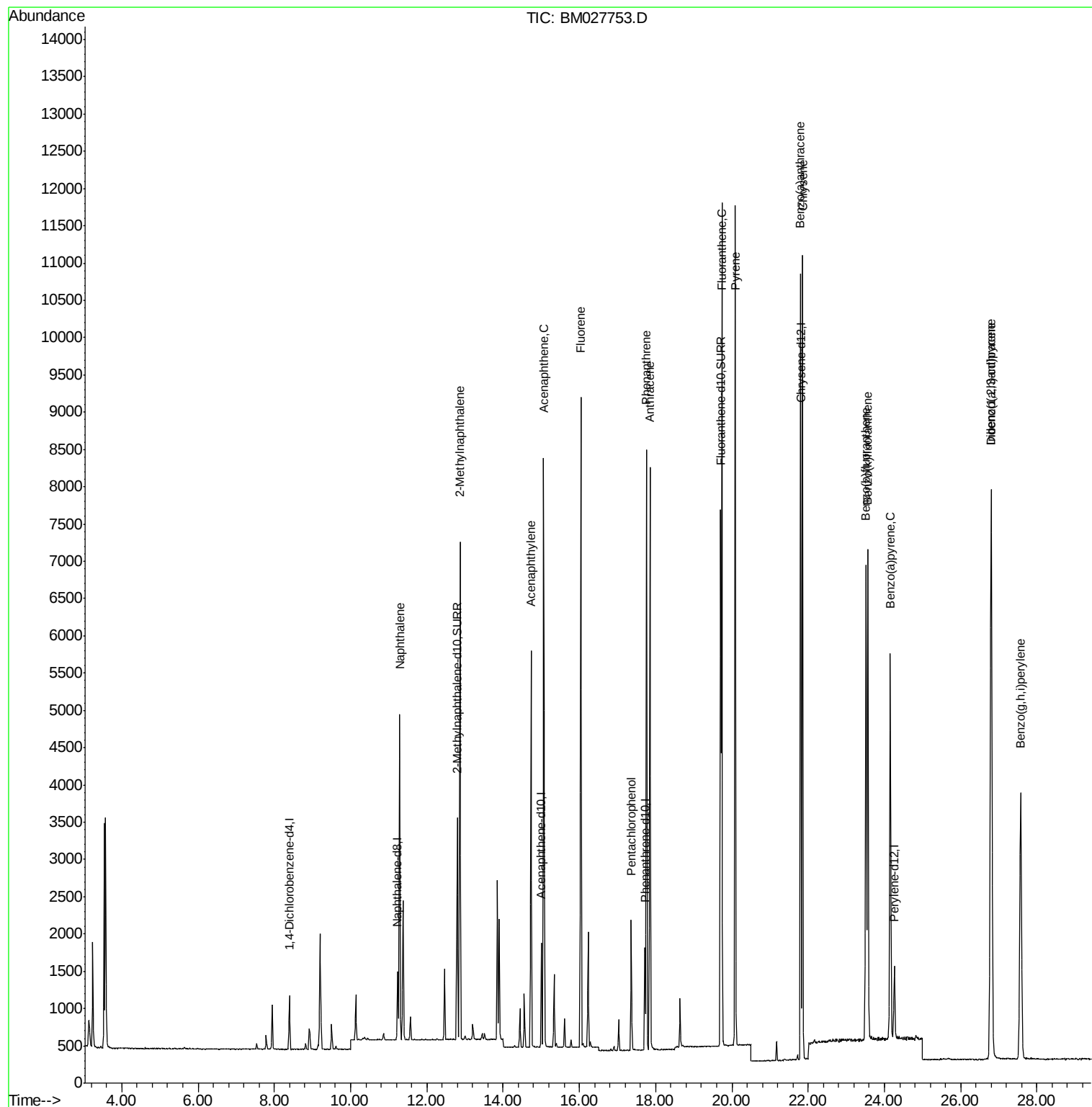
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	355	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	1201	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	781	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.72	188	1679	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	1527	0.40	ng/ul	0.00
20) Perylene-d12	24.26	264	1376	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	3454	1.58	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	8016	1.74	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	11.28	128	5790	1.648	ng/ul#	94
5) 2-Methylnaphthalene	12.87	142	4062	1.588	ng/ul	98
7) Acenaphthylene	14.73	152	5884	1.476	ng/ul	96
8) Acenaphthene	15.07	153	4403	1.551	ng/ul	99
9) Fluorene	16.04	166	5313	1.512	ng/ul	99
11) Pentachlorophenol	17.36	266	1059	2.317	ng/ul	98
12) Phenanthrene	17.76	178	8294	1.601	ng/ul	95
13) Anthracene	17.85	178	8288	1.635	ng/ul	97
15) Fluoranthene	19.73	202	9895	1.588	ng/ul	96
17) Pyrene	20.09	202	9705	1.393	ng/ul	97
18) Benzo(a)anthracene	21.80	228	9100	1.520	ng/ul	97
19) Chrysene	21.85	228	9763	1.574	ng/ul	98
21) Benzo(b)fluoranthene	23.52	252	9081	1.638	ng/ul	91
22) Benzo(k)fluoranthene	23.56	252	9140	1.586	ng/ul#	92
23) Benzo(a)pyrene	24.15	252	8201	1.653	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	26.79	276	9959	1.558	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.81	278	8407	1.594	ng/ul#	90
26) Benzo(g,h,i)perylene	27.57	276	8567	1.588	ng/ul#	90

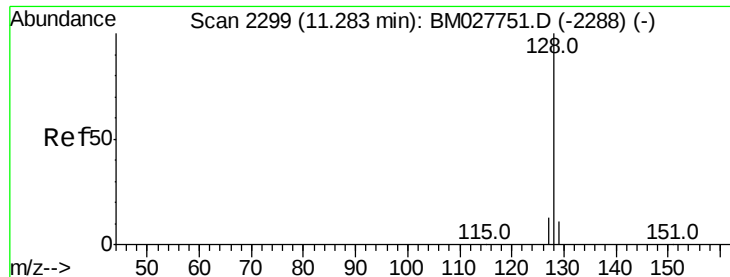
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.648 ng/ul

RT: 11.28 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampleId :

SSTD1.681

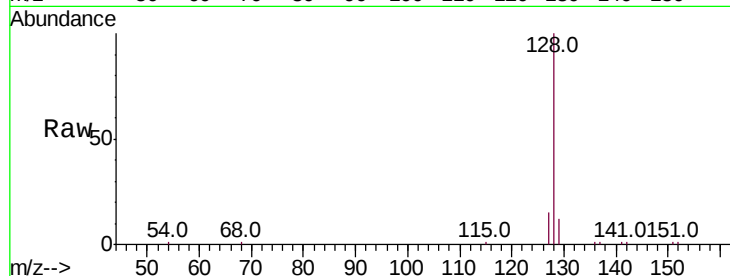
Tot Ion:128 Resp: 5790

Ion Ratio Lower Upper

128 100

129 12.0 12.2 18.2#

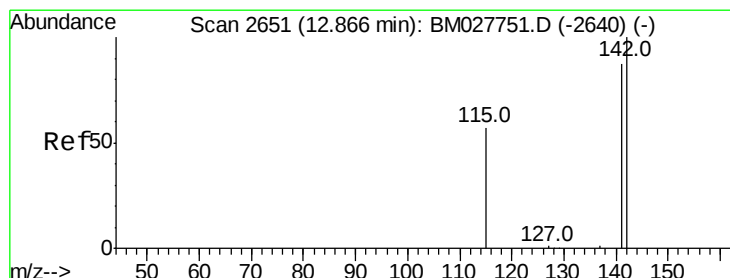
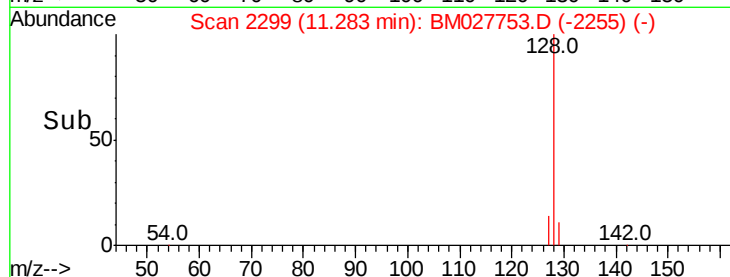
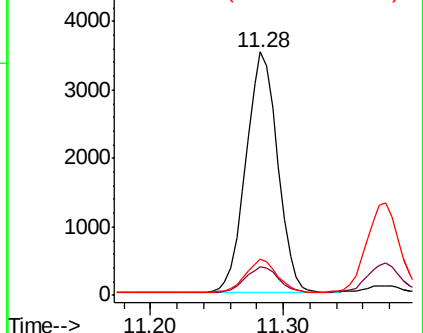
127 14.8 13.7 20.5



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: 1.588 ng/ul

RT: 12.87 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BM027753.D

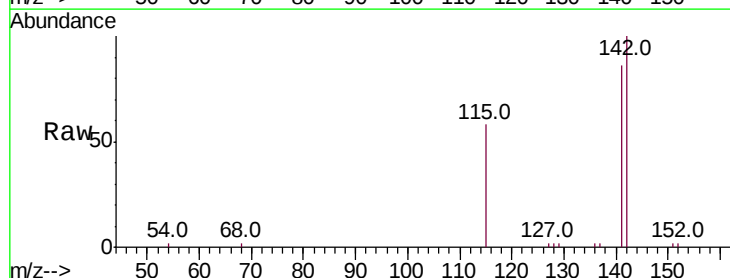
Acq: 09 Nov 2020 12:28

Tgt Ion:142 Resp: 4062

Ion Ratio Lower Upper

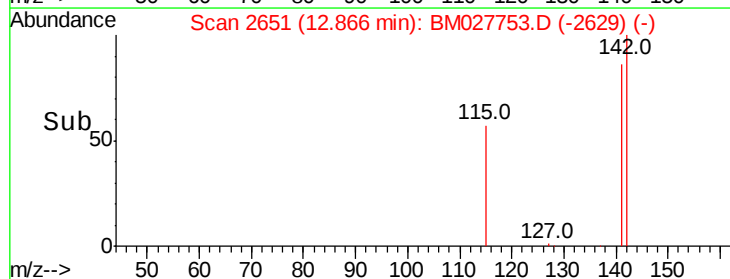
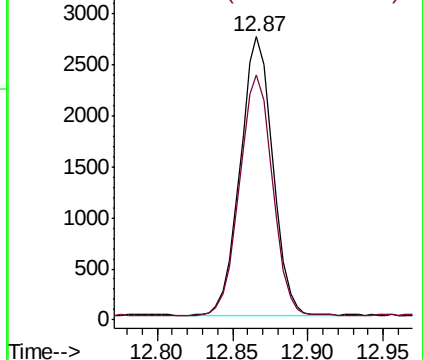
142 100

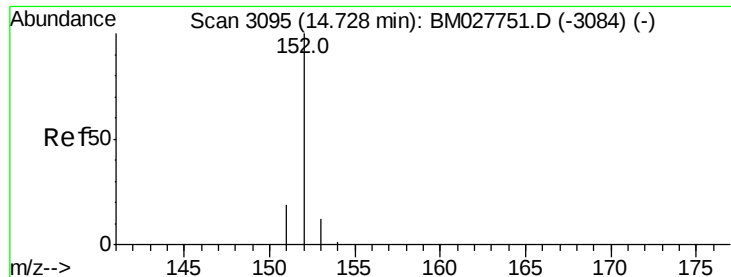
141 87.3 68.4 102.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.476 ng/ul

RT: 14.73 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampleId :

SSTD1.681

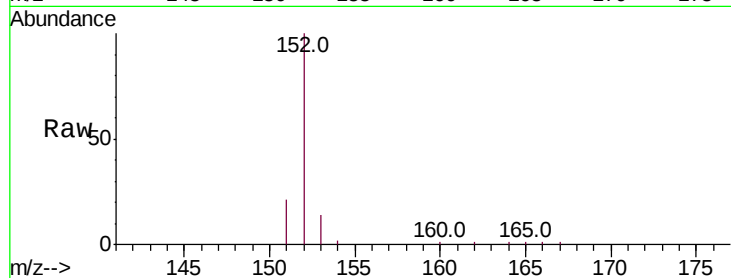
Tot Ion:152 Resp: 5884

Ion Ratio Lower Upper

152 100

151 20.5 17.8 26.8

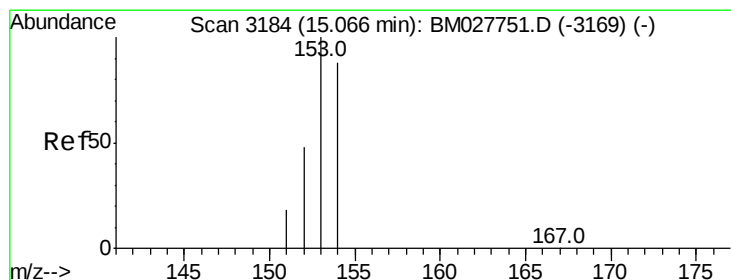
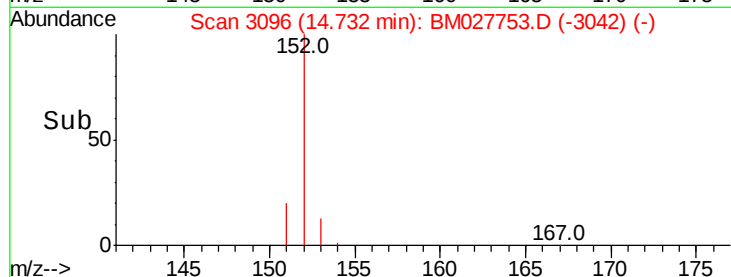
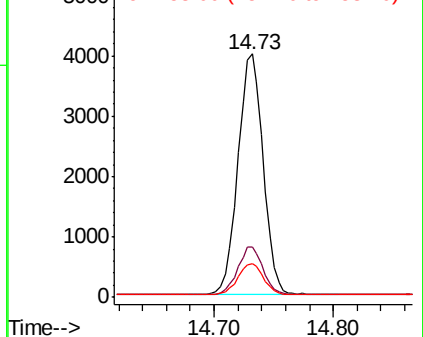
153 14.1 12.4 18.6



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



#8

Acenaphthene

Concen: 1.551 ng/ul

RT: 15.07 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

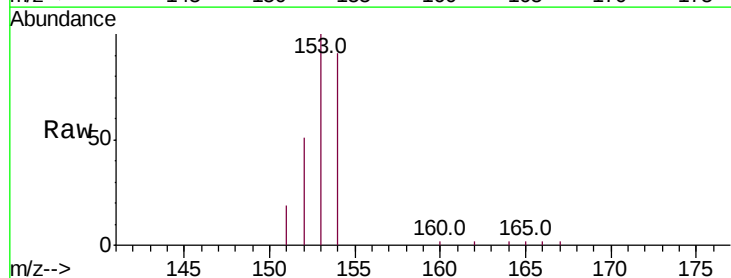
Tgt Ion:153 Resp: 4403

Ion Ratio Lower Upper

153 100

152 51.1 40.7 61.1

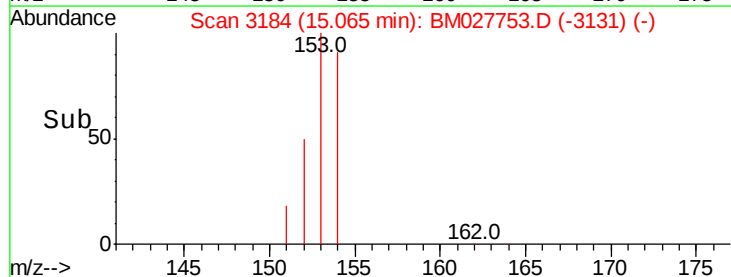
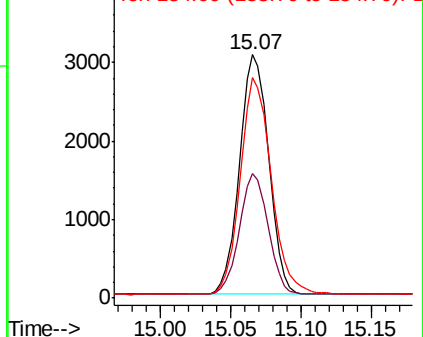
154 90.8 71.3 106.9

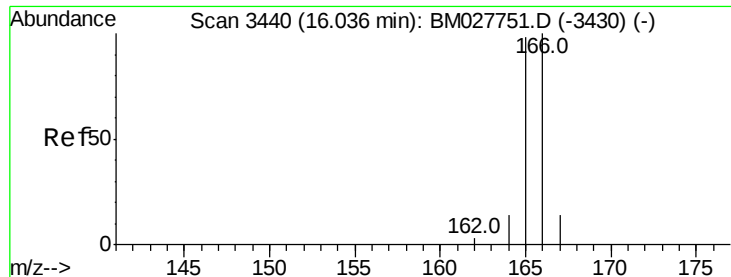


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 1.512 ng/ul

RT: 16.04 min Scan# 3440

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampleId :

SSTD1.681

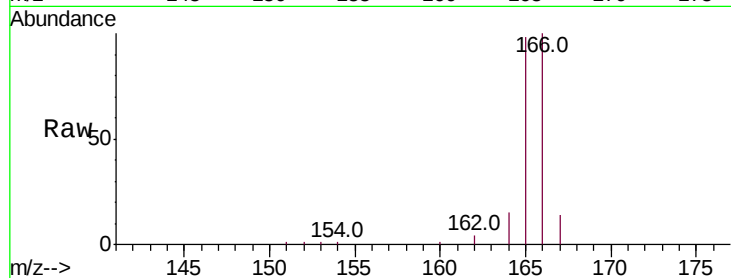
Tot Ion:166 Resp: 5313

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

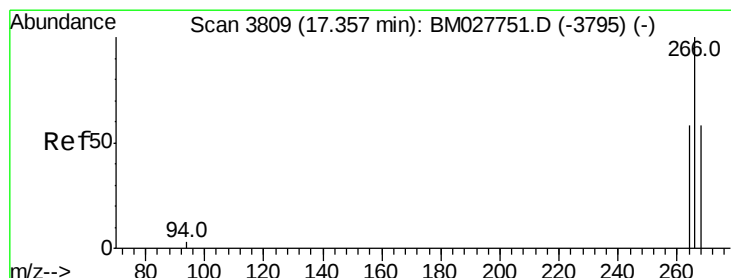
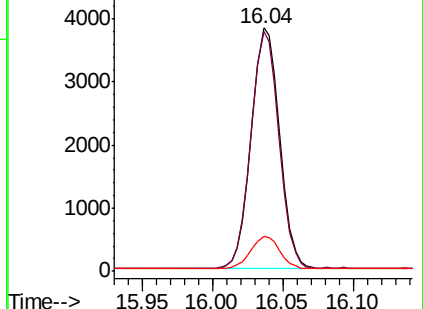
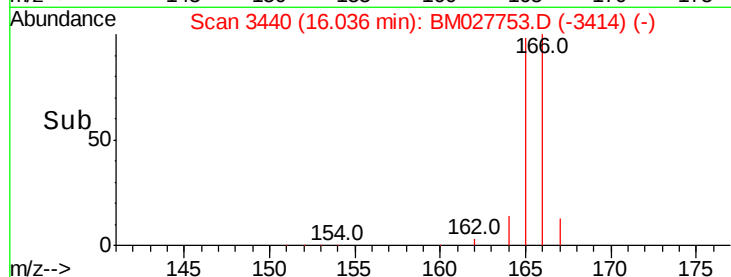
167 14.4 13.8 20.8



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: 2.317 ng/ul

RT: 17.36 min Scan# 3810

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

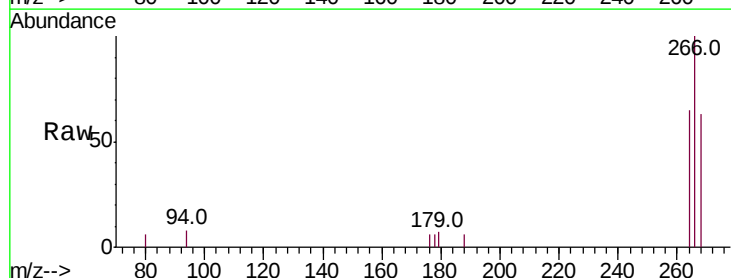
Tgt Ion:266 Resp: 1059

Ion Ratio Lower Upper

266 100

264 63.6 50.5 75.7

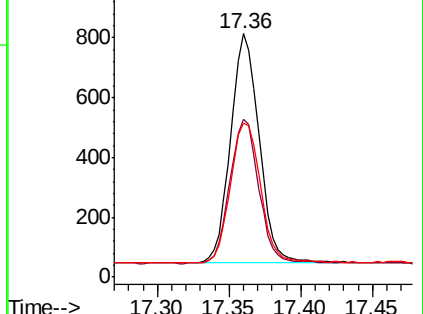
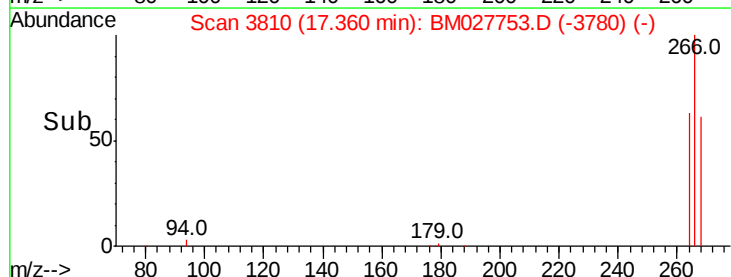
268 64.9 49.3 73.9

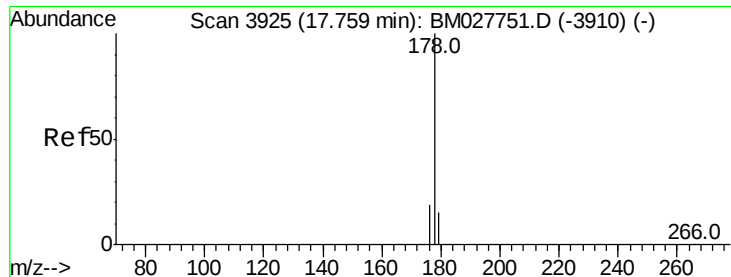


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 1.601 ng/ul

RT: 17.76 min Scan# 3925

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampleId :

SSTD1.681

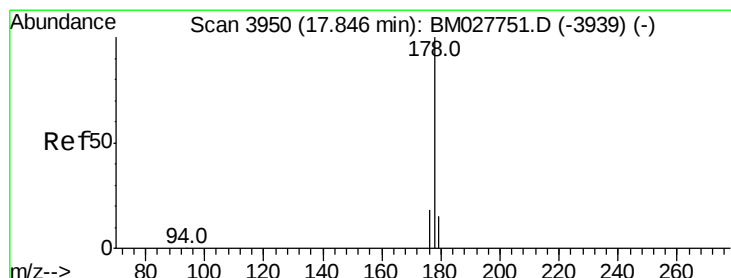
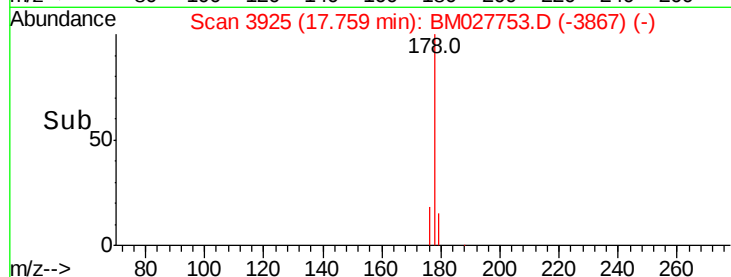
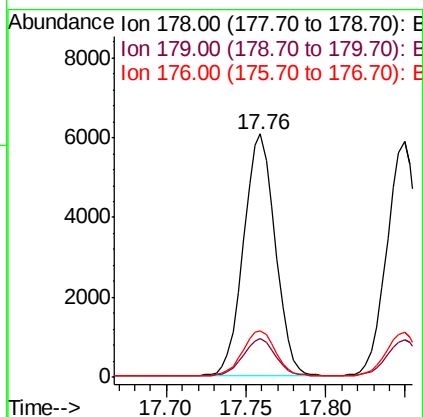
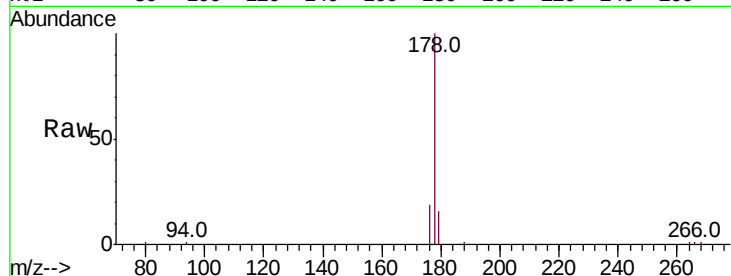
Tot Ion:178 Resp: 8294

Ion Ratio Lower Upper

178 100

179 15.8 14.2 21.2

176 18.9 16.9 25.3



#13

Anthracene

Concen: 1.635 ng/ul

RT: 17.85 min Scan# 3951

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

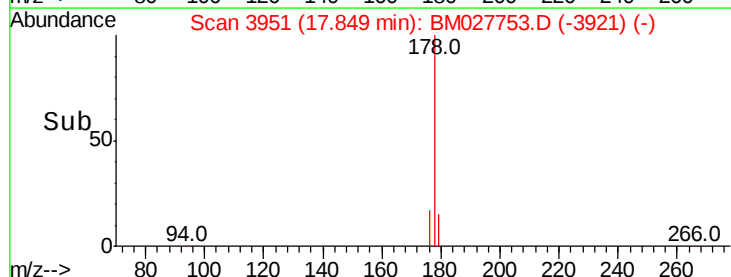
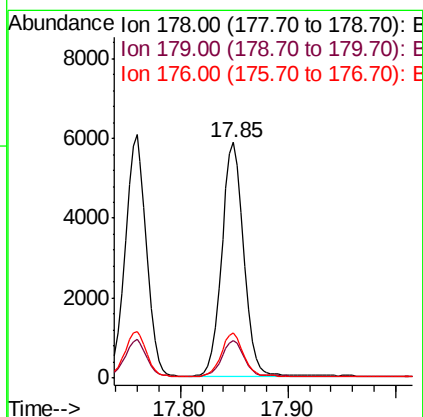
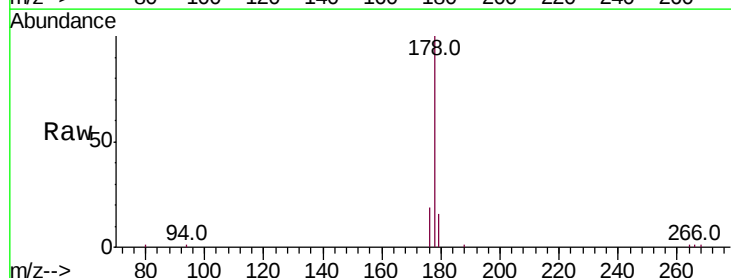
Tgt Ion:178 Resp: 8288

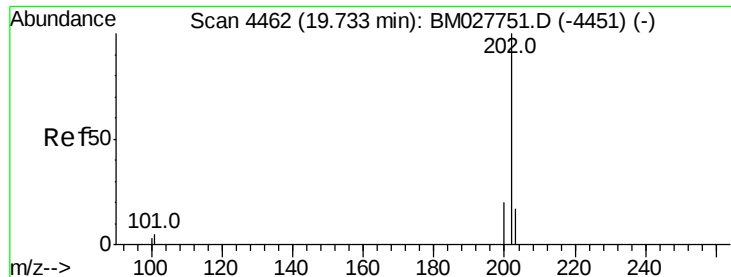
Ion Ratio Lower Upper

178 100

179 16.0 13.8 20.8

176 19.0 16.2 24.4





#15

Fluoranthene

Concen: 1.588 ng/ul

RT: 19.73 min Scan# 4462

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

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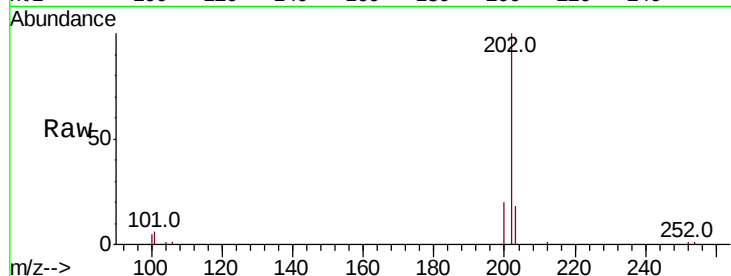
Tot Ion:202 Resp: 9895

Ion Ratio Lower Upper

202 100

101 6.2 0.0 27.5

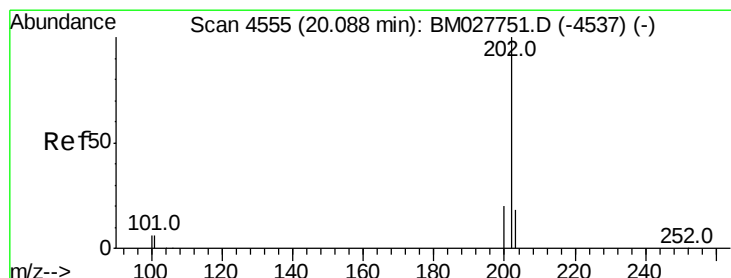
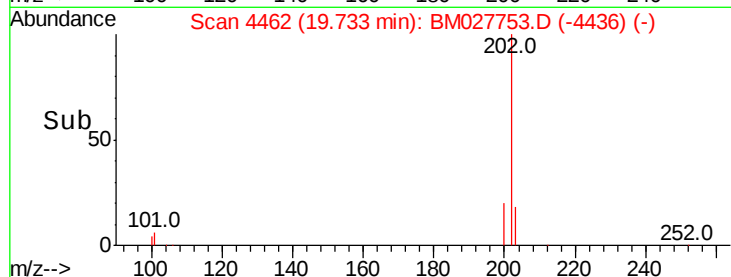
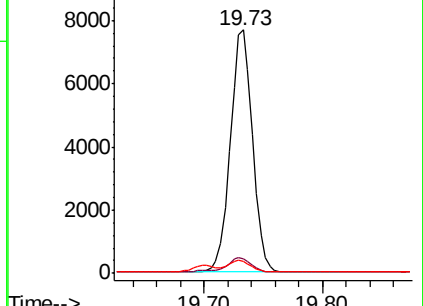
100 5.0 0.0 26.3



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: 1.393 ng/ul

RT: 20.09 min Scan# 4555

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

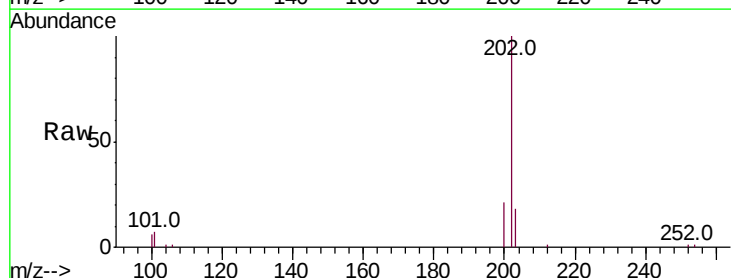
Tgt Ion:202 Resp: 9705

Ion Ratio Lower Upper

202 100

101 7.3 6.6 9.8

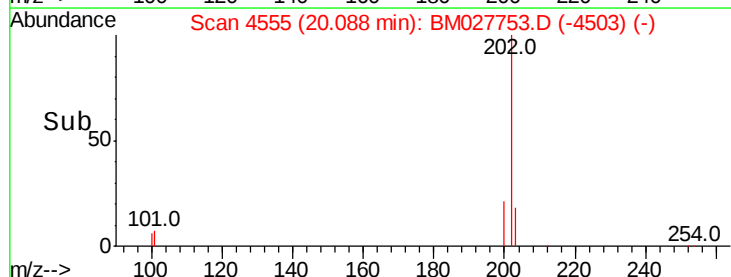
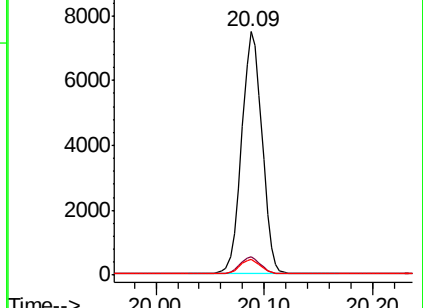
100 6.4 6.1 9.1

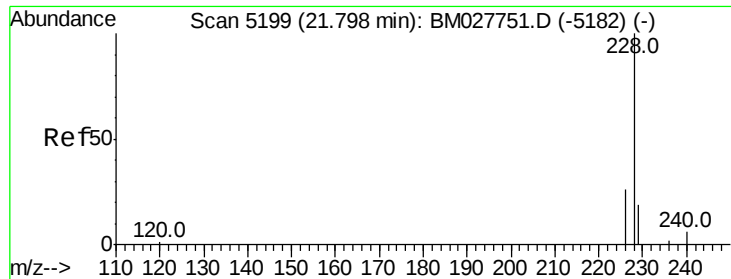


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 1.520 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampleId :

SSTD1.681

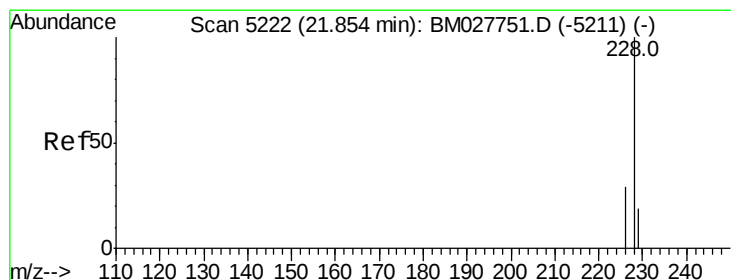
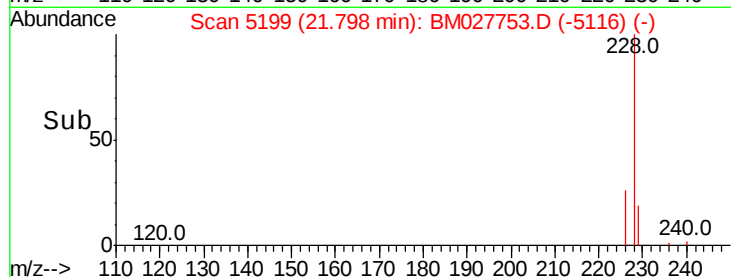
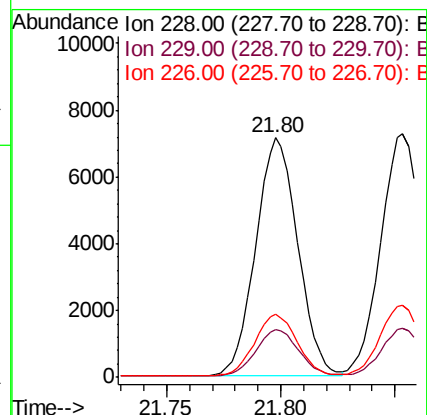
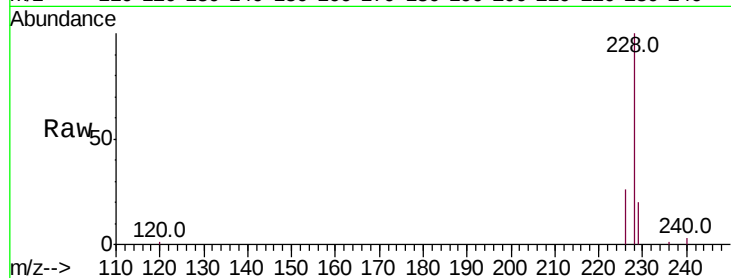
Tot Ion:228 Resp: 9100

Ion Ratio Lower Upper

228 100

229 20.0 17.0 25.6

226 26.2 22.1 33.1



#19

Chrysene

Concen: 1.574 ng/ul

RT: 21.85 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

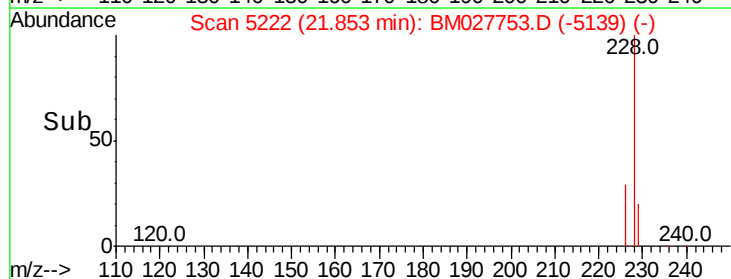
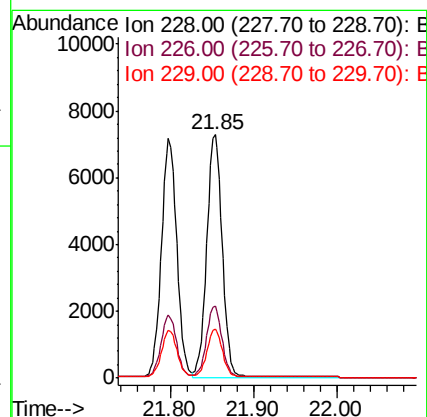
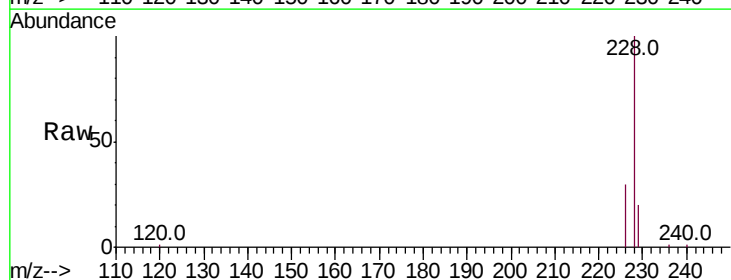
Tgt Ion:228 Resp: 9763

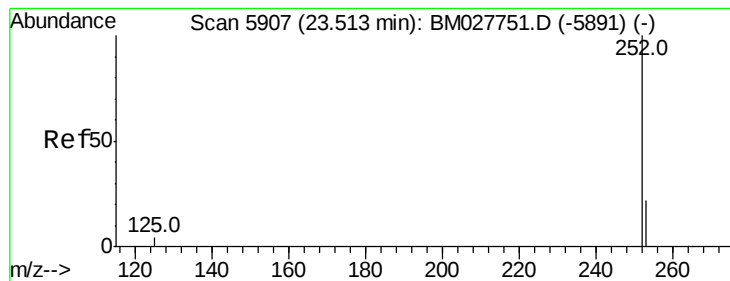
Ion Ratio Lower Upper

228 100

226 29.7 24.7 37.1

229 20.1 17.1 25.7





#21

Benzo(b)fluoranthene

Concen: 1.638 ng/ul

RT: 23.52 min Scan# 5908

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

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ClientSampleId :

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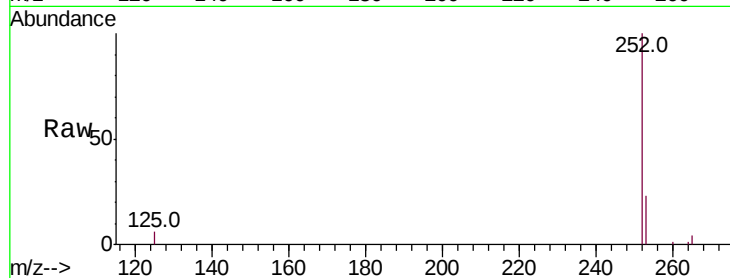
Tot Ion:252 Resp: 9081

Ion Ratio Lower Upper

252 100

253 23.3 0.0 56.0

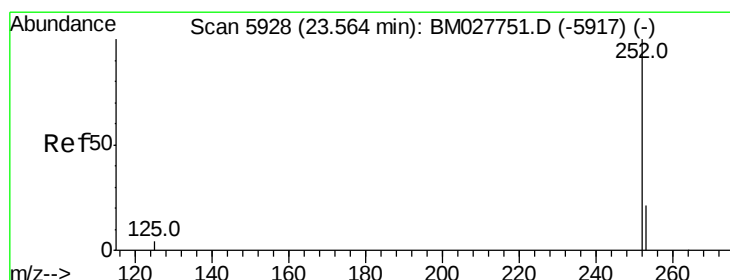
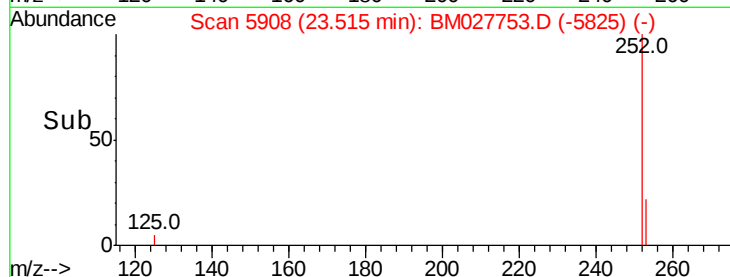
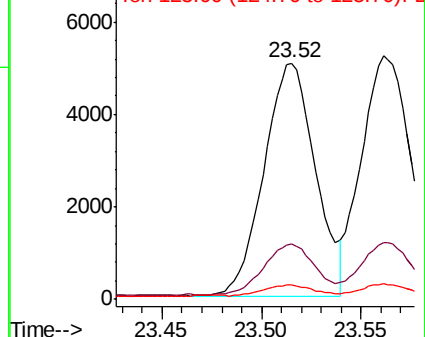
125 6.0 0.0 18.2



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: 1.586 ng/ul

RT: 23.56 min Scan# 5927

Delta R.T. -0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

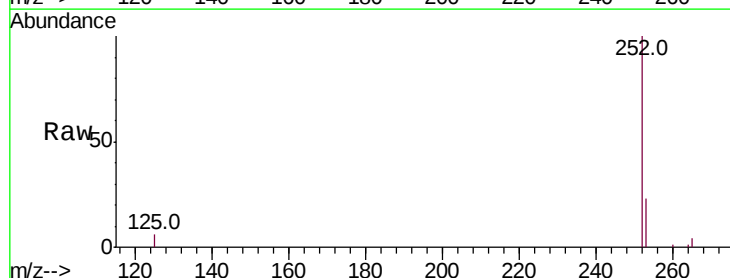
Tgt Ion:252 Resp: 9140

Ion Ratio Lower Upper

252 100

253 23.1 21.8 32.8

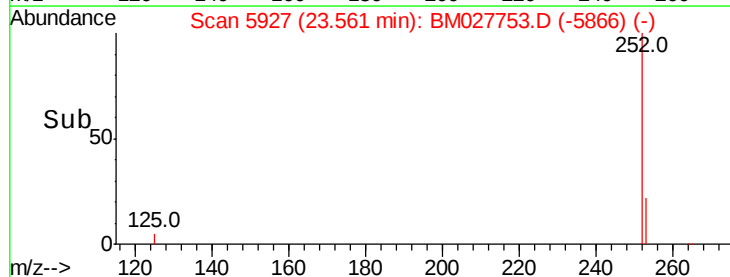
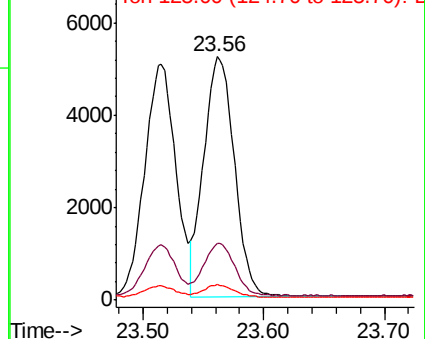
125 6.4 7.0 10.4#

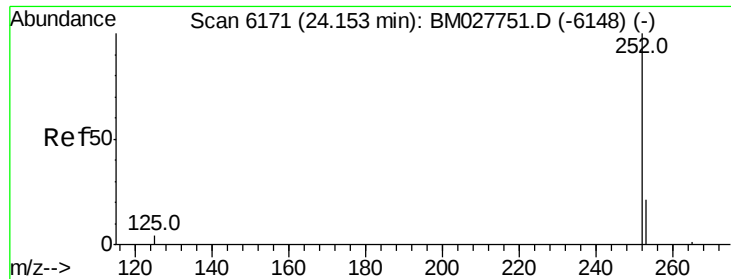


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.653 ng/ul

RT: 24.15 min Scan# 6172

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

Instrument :

BNA_M

ClientSampled :

SSTD1.681

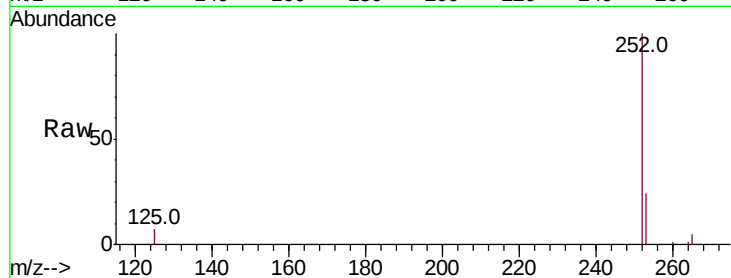
Tot Ion:252 Resp: 8201

Ion Ratio Lower Upper

252 100

253 24.2 22.4 33.6

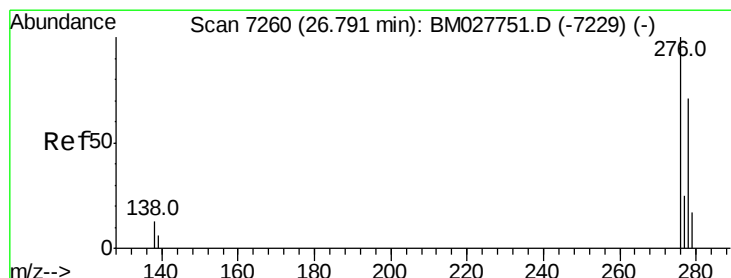
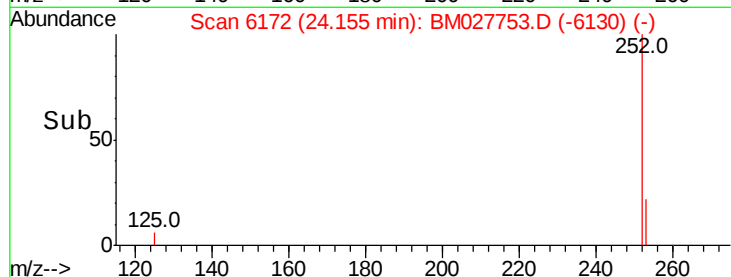
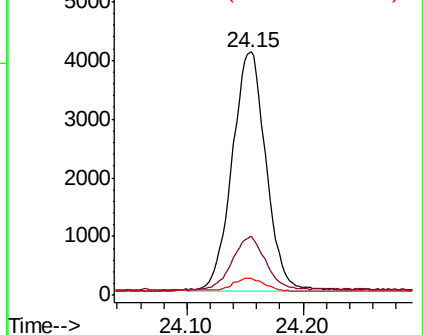
125 7.1 7.8 11.6#



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: 1.558 ng/ul

RT: 26.79 min Scan# 7261

Delta R.T. 0.00 min

Lab File: BM027753.D

Acq: 09 Nov 2020 12:28

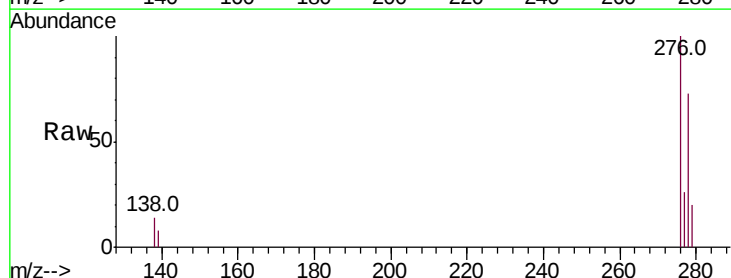
Tgt Ion:276 Resp: 9959

Ion Ratio Lower Upper

276 100

138 12.8 10.6 15.8

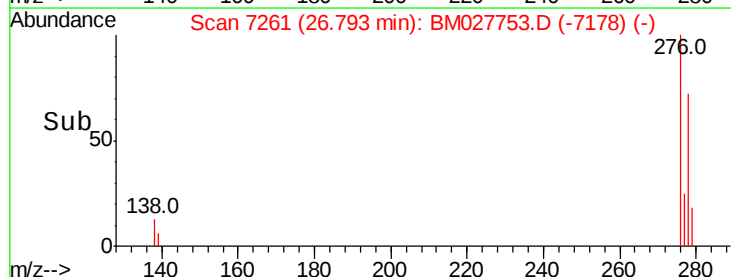
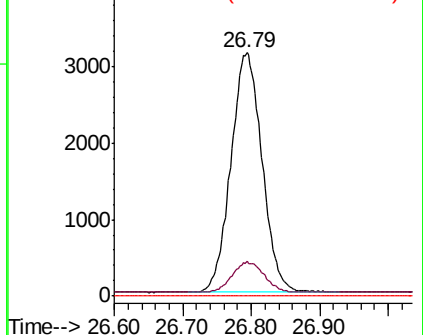
227 0.0 0.0 0.0

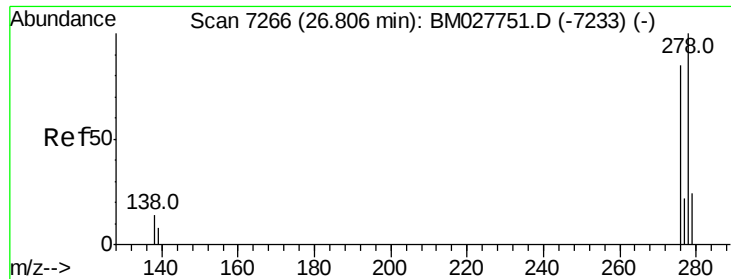


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

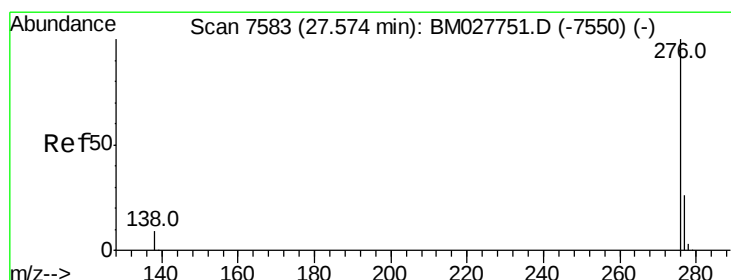
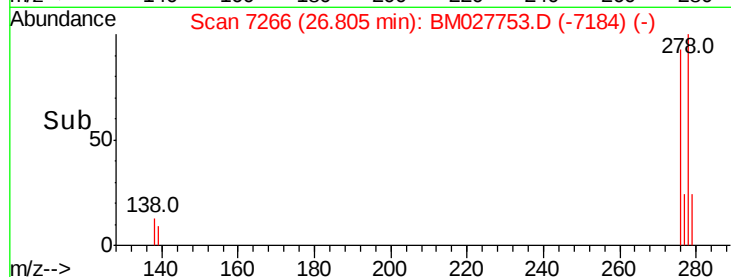
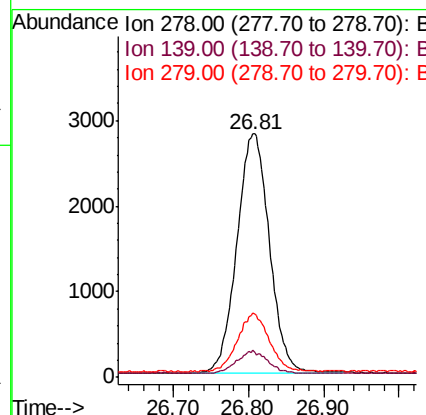
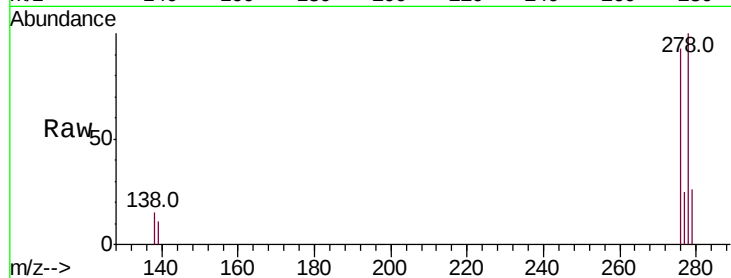




#25
Dibenzo(a,h)anthracene
Concen: 1.594 ng/ul
RT: 26.81 min Scan# 7266
Delta R.T. -0.00 min
Lab File: BM027753.D
Acq: 09 Nov 2020 12:28

Instrument :
BNA_M
ClientSampleId :
SSTD1.681

Tot Ion:278 Resp: 8407
Ion Ratio Lower Upper
278 100
139 11.0 11.5 17.3#
279 26.3 25.6 38.4



#26
Benzo(g,h,i)perylene
Concen: 1.588 ng/ul
RT: 27.57 min Scan# 7582
Delta R.T. -0.00 min
Lab File: BM027753.D
Acq: 09 Nov 2020 12:28

Tgt Ion:276 Resp: 8567
Ion Ratio Lower Upper
276 100
138 13.1 12.6 18.8
277 24.5 24.9 37.3#

