

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
 Data File : BM027750.D
 Acq On : 09 Nov 2020 10:39
 Operator : JU/CG
 Sample : SSTD0.278
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.278

Quant Time: Nov 10 06:05:15 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

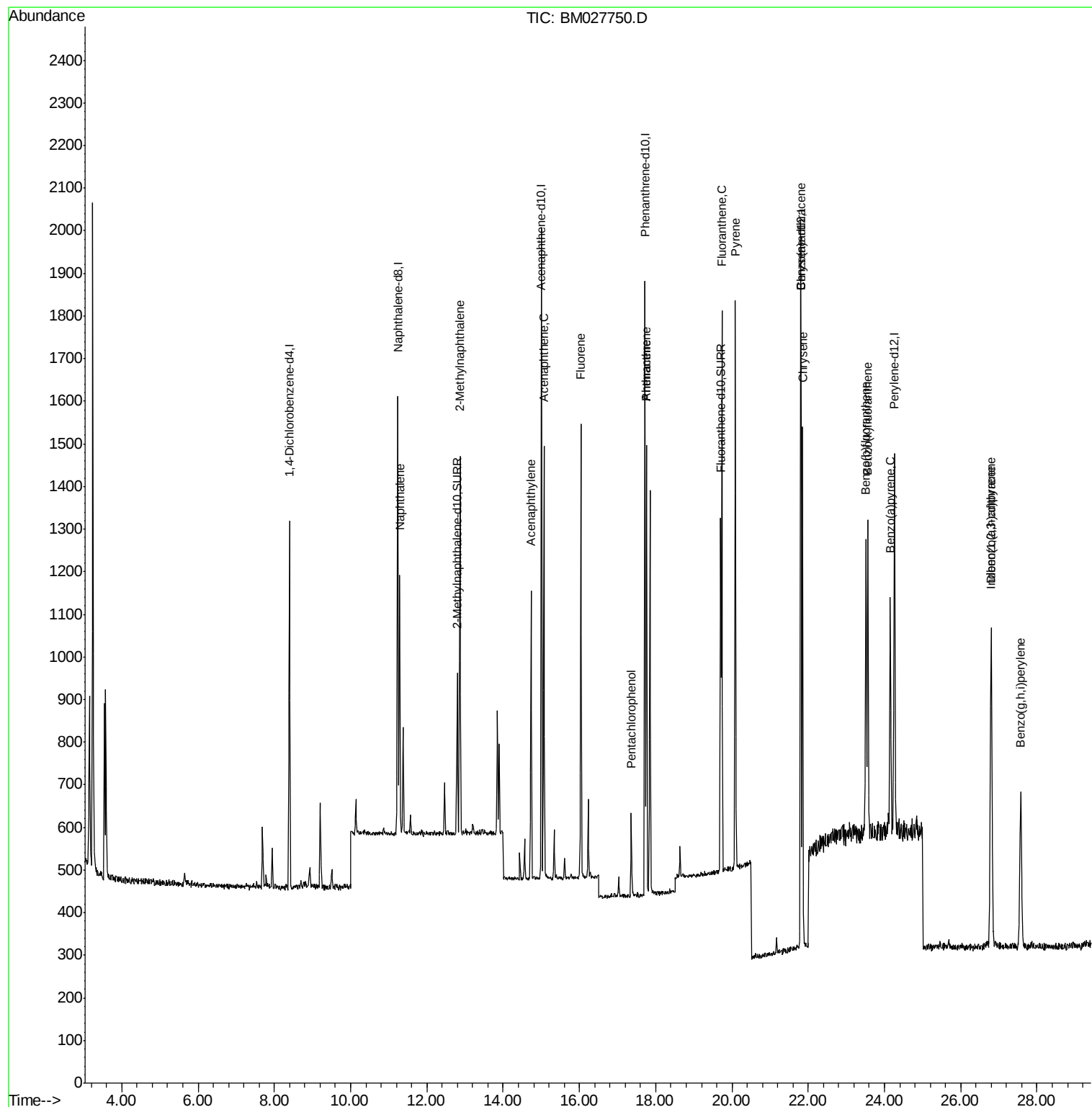
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.39	152	418	0.40	ng/ul	0.00
2) Naphthalene-d8	11.23	136	1378	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	818	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.72	188	1780	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	1422	0.40	ng/ul	0.00
20) Perylene-d12	24.26	264	1215	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	447	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	928	0.19	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.28	128	821	0.204	ng/ul#	91
5) 2-Methylnaphthalene	12.87	142	552	0.188	ng/ul	98
7) Acenaphthylene	14.73	152	754	0.181	ng/ul#	92
8) Acenaphthene	15.07	153	571	0.192	ng/ul	96
9) Fluorene	16.04	166	673	0.183	ng/ul	96
11) Pentachlorophenol	17.36	266	118	0.244	ng/ul	92
12) Phenanthrene	17.76	178	1068	0.194	ng/ul	95
13) Anthracene	17.76	178	730	0.136	ng/ul	94
15) Fluoranthene	19.73	202	1171	0.177	ng/ul	90
17) Pyrene	20.09	202	1167	0.180	ng/ul#	91
18) Benzo(a)anthracene	21.80	228	1031	0.185	ng/ul	95
19) Chrysene	21.85	228	1571	0.272	ng/ul	95
21) Benzo(b)fluoranthene	23.51	252	985	0.201	ng/ul	87
22) Benzo(k)fluoranthene	23.56	252	969	0.190	ng/ul#	85
23) Benzo(a)pyrene	24.15	252	889	0.203	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	26.79	276	1008	0.179	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.80	278	826	0.177	ng/ul#	79
26) Benzo(g,h,i)perylene	27.58	276	861	0.181	ng/ul#	88

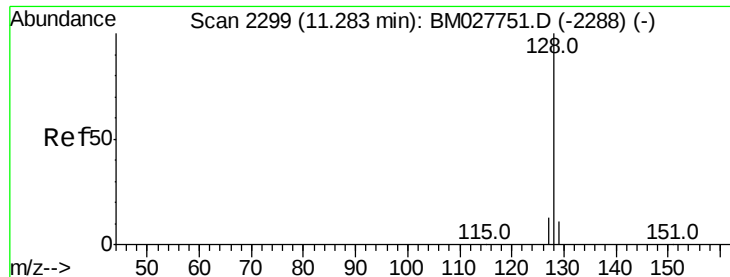
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110920\
Data File : BM027750.D
Acq On : 09 Nov 2020 10:39
Operator : JU/CG
Sample : SST0.278
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.278

Quant Time: Nov 10 06:05:15 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





#3

Naphthalene

Concen: 0.204 ng/ul

RT: 11.28 min Scan# 2299

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

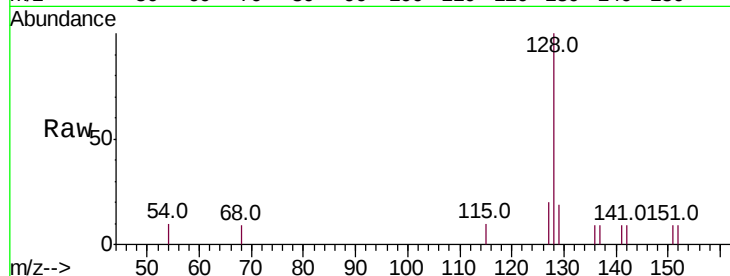
Tot Ion:128 Resp: 821

Ion Ratio Lower Upper

128 100

129 19.3 12.2 18.2#

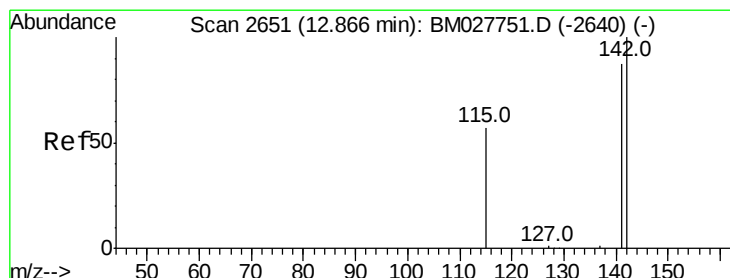
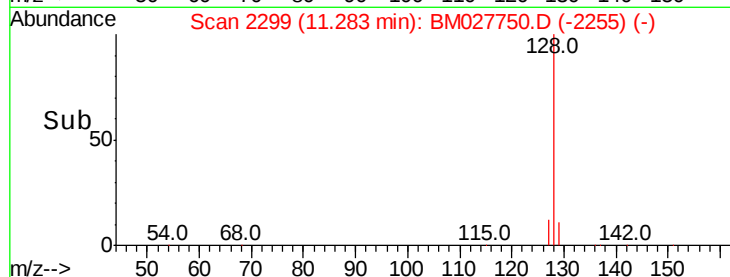
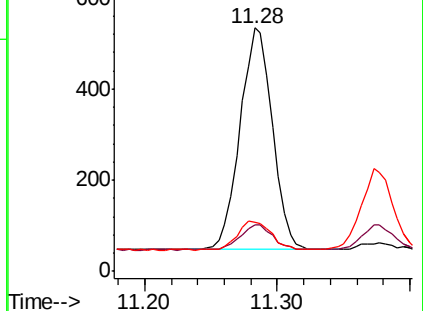
127 20.4 13.7 20.5



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: 0.188 ng/ul

RT: 12.87 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BM027750.D

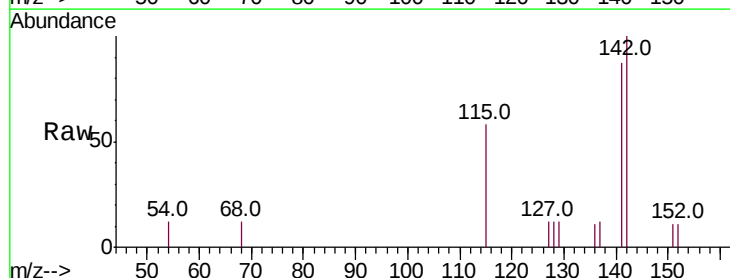
Acq: 09 Nov 2020 10:39

Tgt Ion:142 Resp: 552

Ion Ratio Lower Upper

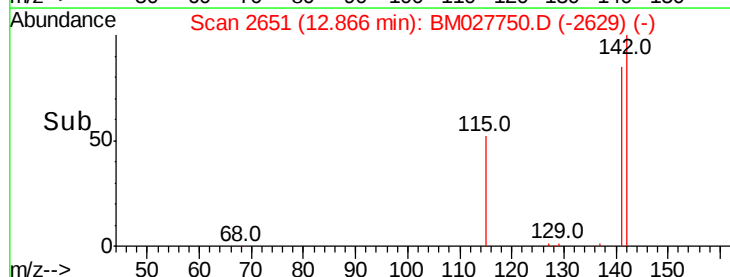
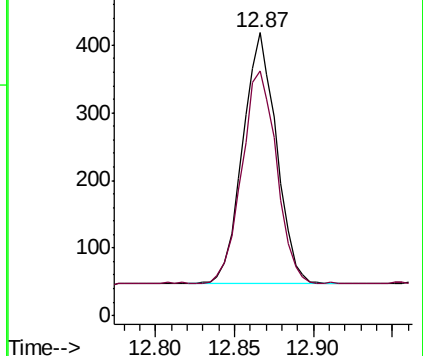
142 100

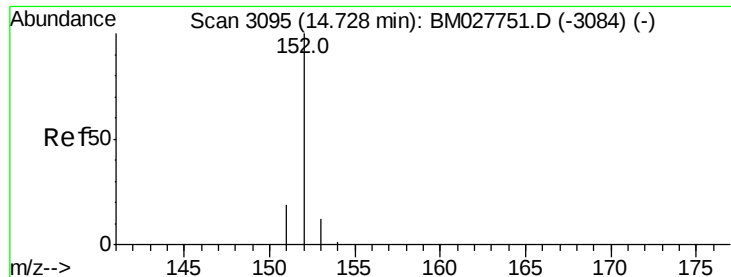
141 87.5 68.4 102.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.181 ng/ul

RT: 14.73 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

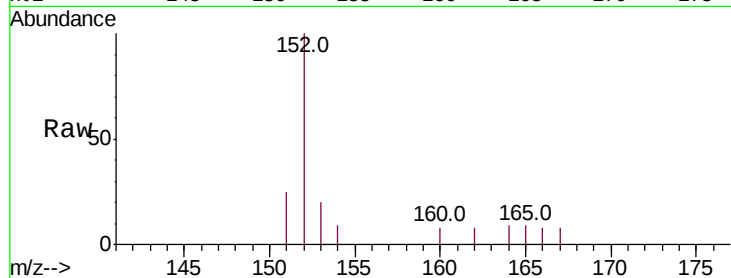
Tot Ion:152 Resp: 754

Ion Ratio Lower Upper

152 100

151 25.4 17.8 26.8

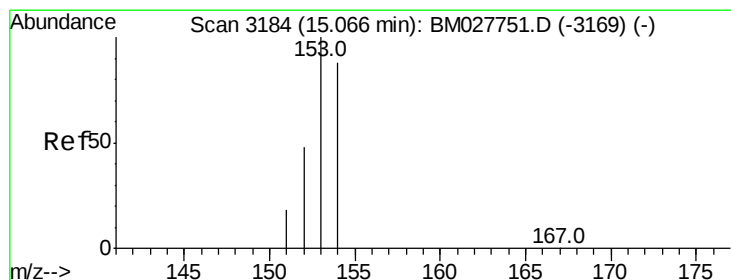
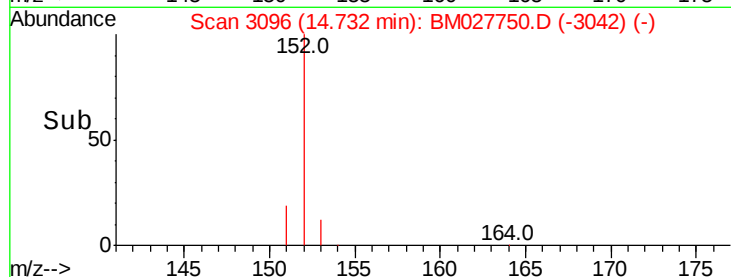
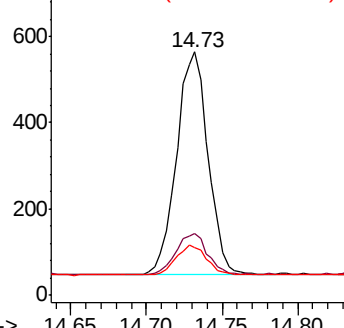
153 19.5 12.4 18.6#



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



#8

Acenaphthene

Concen: 0.192 ng/ul

RT: 15.07 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

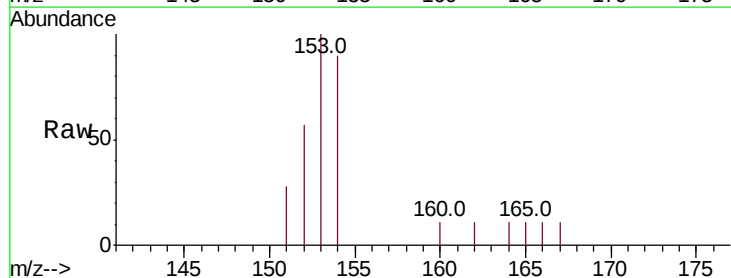
Tgt Ion:153 Resp: 571

Ion Ratio Lower Upper

153 100

152 57.3 40.7 61.1

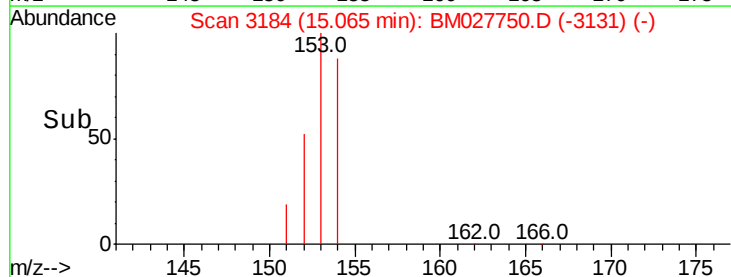
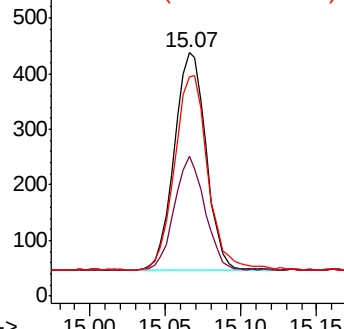
154 90.0 71.3 106.9

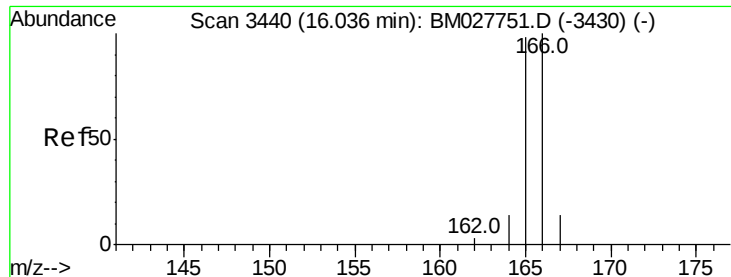


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.183 ng/ul

RT: 16.04 min Scan# 3440

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

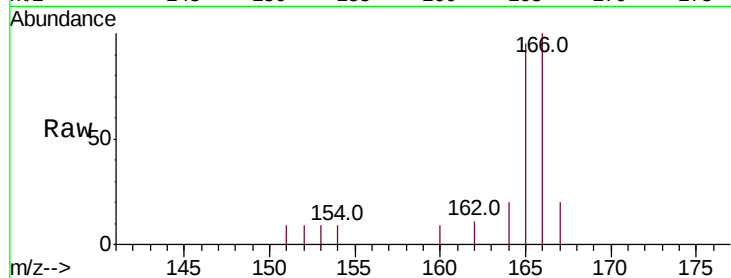
Tot Ion:166 Resp: 673

Ion Ratio Lower Upper

166 100

165 95.3 78.6 118.0

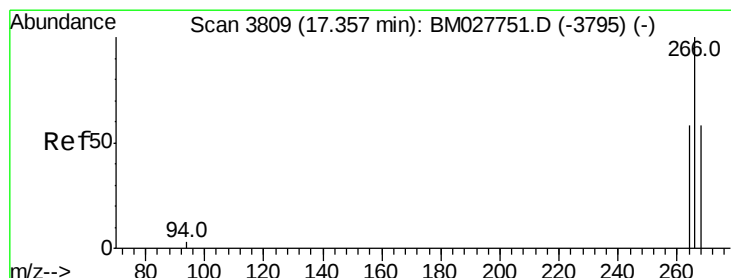
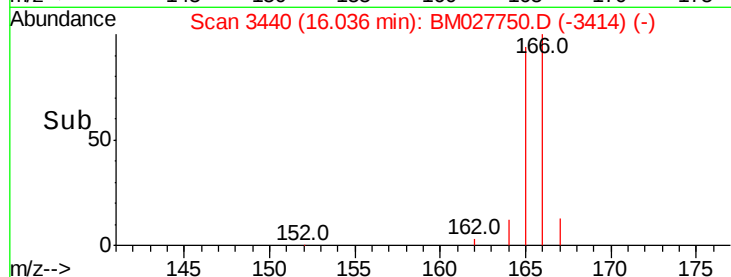
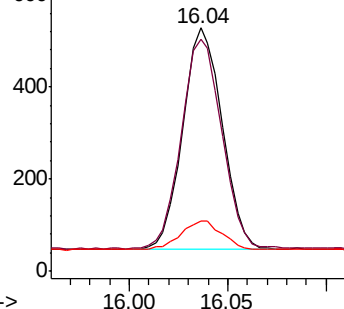
167 20.5 13.8 20.8



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: 0.244 ng/ul

RT: 17.36 min Scan# 3811

Delta R.T. 0.01 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

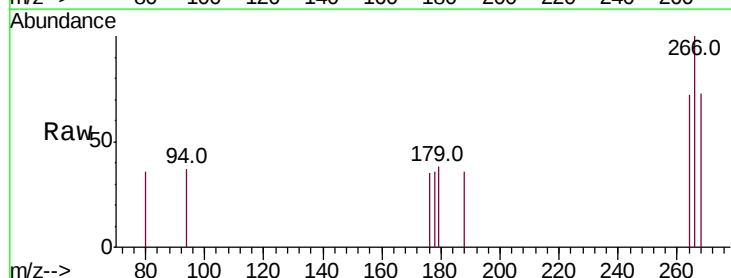
Tgt Ion:266 Resp: 118

Ion Ratio Lower Upper

266 100

264 66.9 50.5 75.7

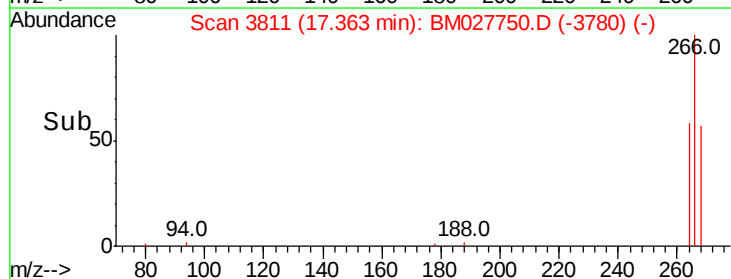
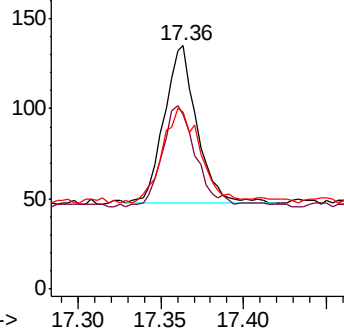
268 70.3 49.3 73.9

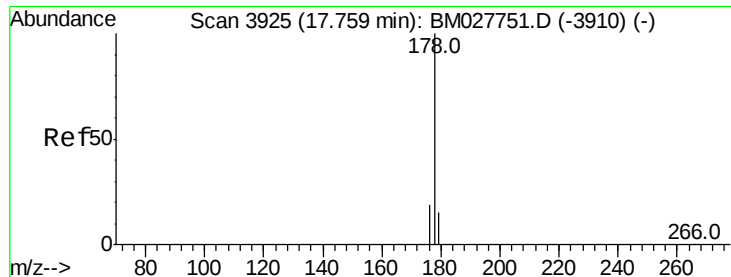


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.194 ng/ul

RT: 17.76 min Scan# 3924

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

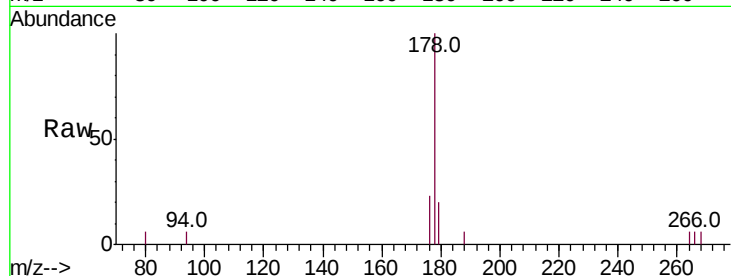
Tot Ion:178 Resp: 1068

Ion Ratio Lower Upper

178 100

179 20.0 14.2 21.2

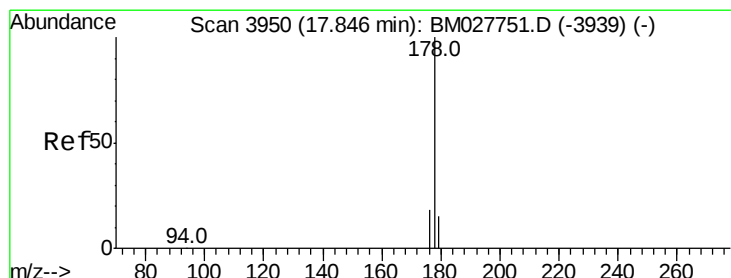
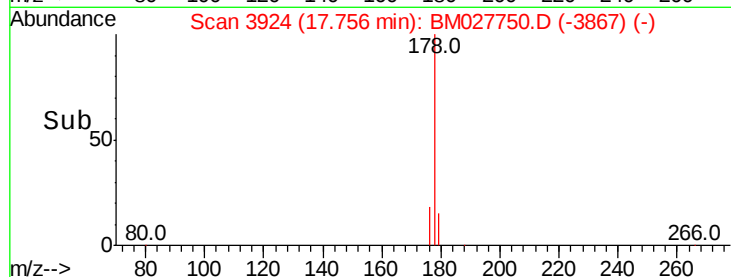
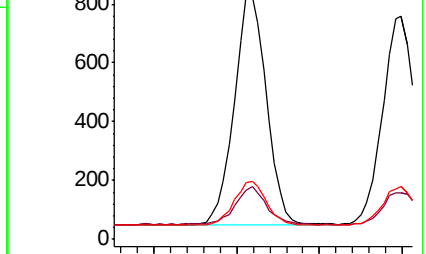
176 23.2 16.9 25.3



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: 0.136 ng/ul

RT: 17.76 min Scan# 3924

Delta R.T. -0.09 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

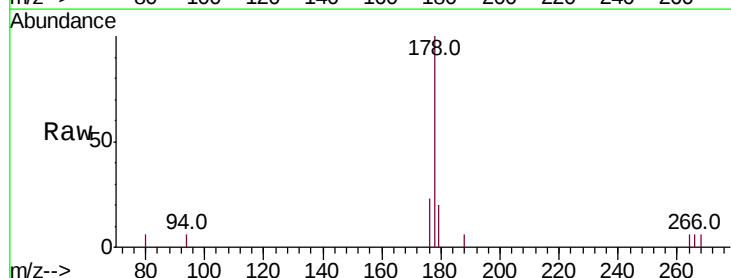
Tgt Ion:178 Resp: 730

Ion Ratio Lower Upper

178 100

179 20.0 13.8 20.8

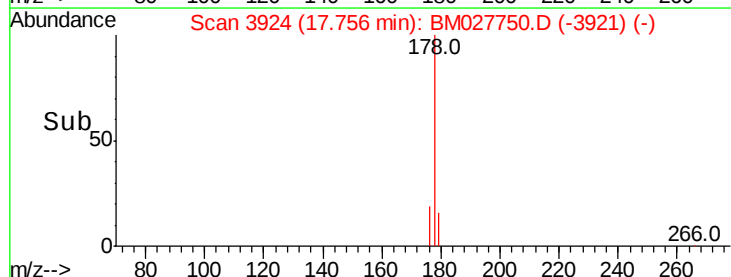
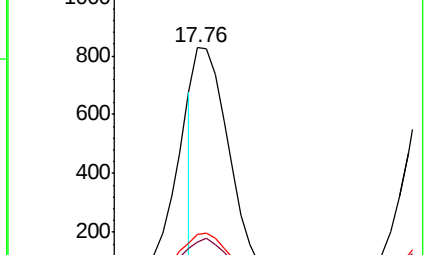
176 23.2 16.2 24.4

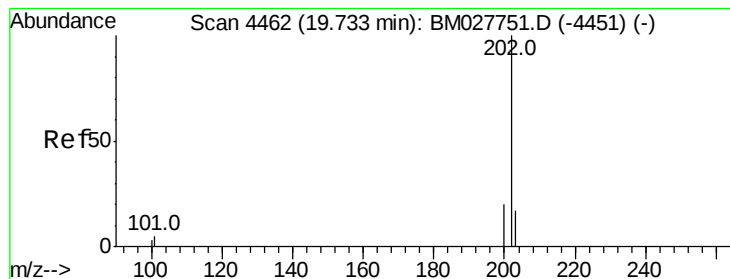


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.177 ng/ul

RT: 19.73 min Scan# 4462

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

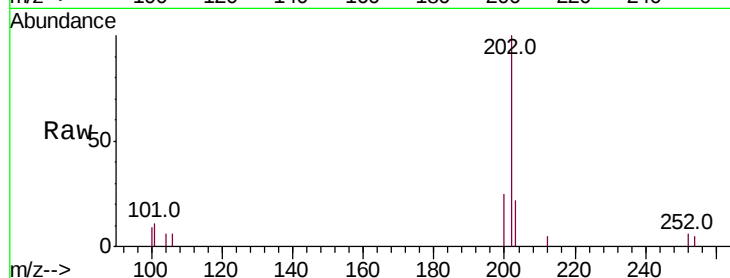
Tot Ion:202 Resp: 1171

Ion Ratio Lower Upper

202 100

101 11.0 0.0 27.5

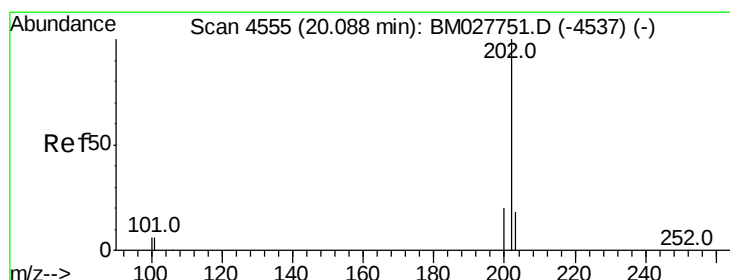
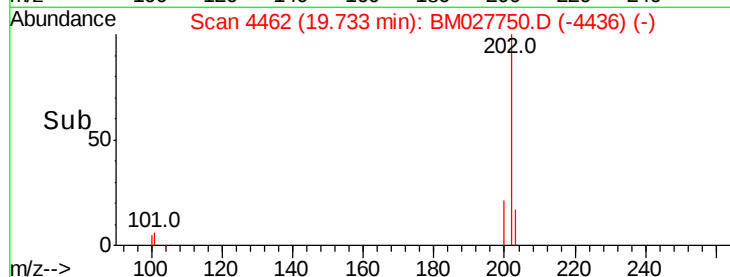
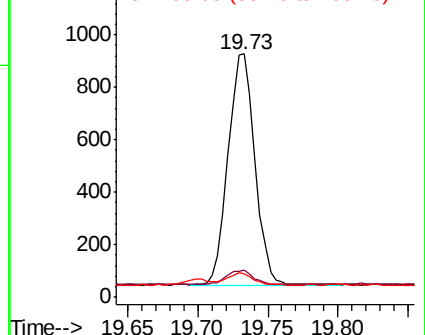
100 9.5 0.0 26.3



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: 0.180 ng/ul

RT: 20.09 min Scan# 4555

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

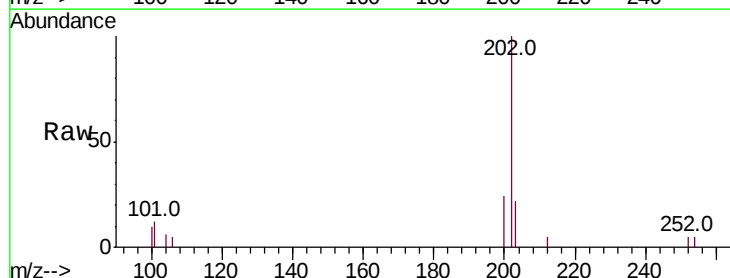
Tgt Ion:202 Resp: 1167

Ion Ratio Lower Upper

202 100

101 12.0 6.6 9.8#

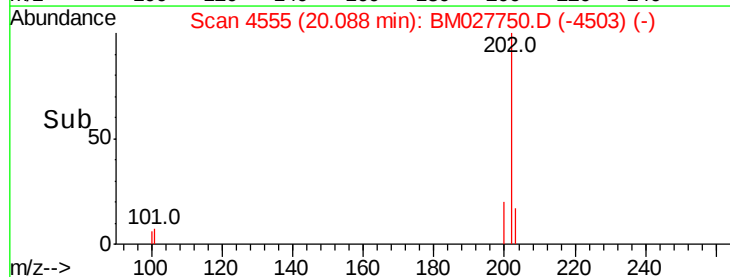
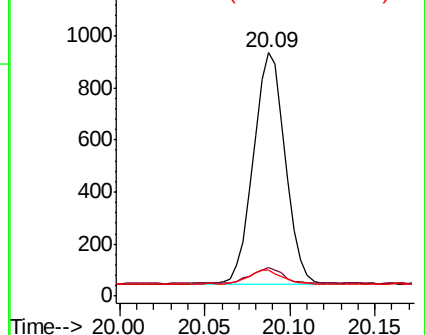
100 10.5 6.1 9.1#

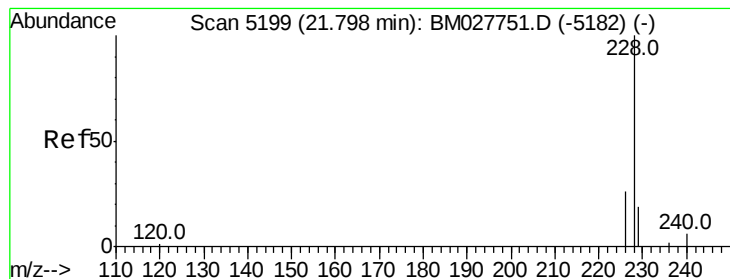


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.185 ng/ul

RT: 21.80 min Scan# 5199

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

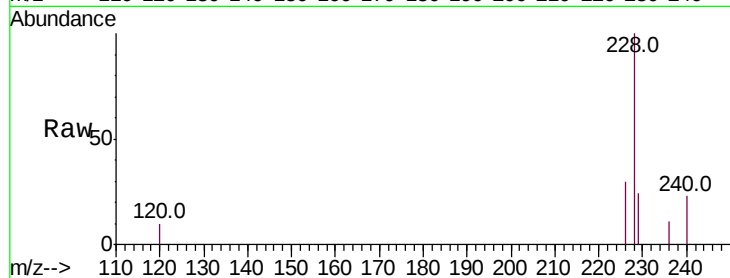
Tot Ion:228 Resp: 1031

Ion Ratio Lower Upper

228 100

229 24.4 17.0 25.6

226 30.0 22.1 33.1

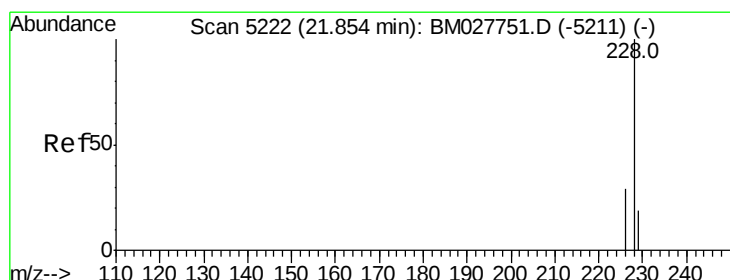
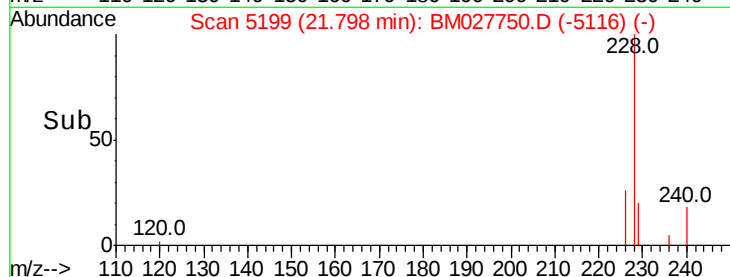
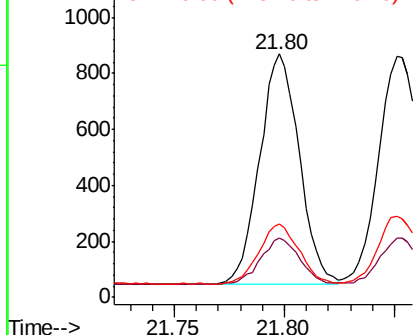


Abundance

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: 0.272 ng/ul

RT: 21.85 min Scan# 5221

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

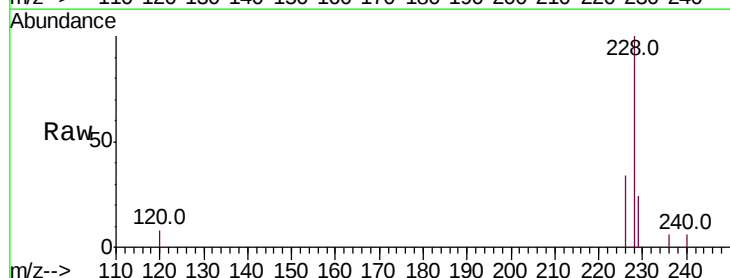
Tgt Ion:228 Resp: 1571

Ion Ratio Lower Upper

228 100

226 33.6 24.7 37.1

229 24.4 17.1 25.7

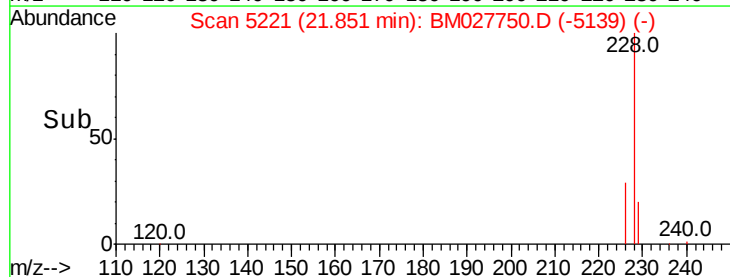
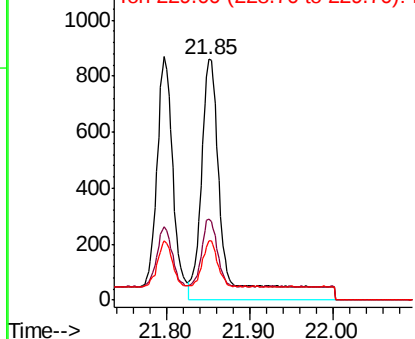


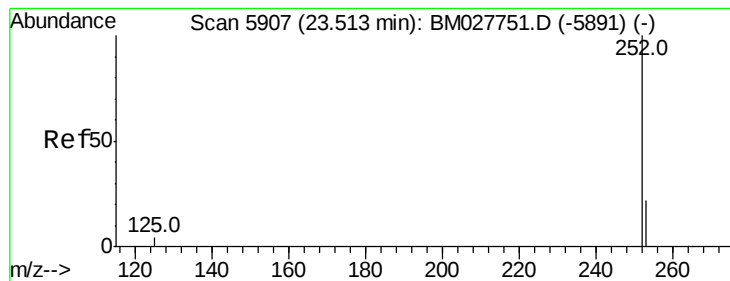
Abundance

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: 0.201 ng/ul

RT: 23.51 min Scan# 5906

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

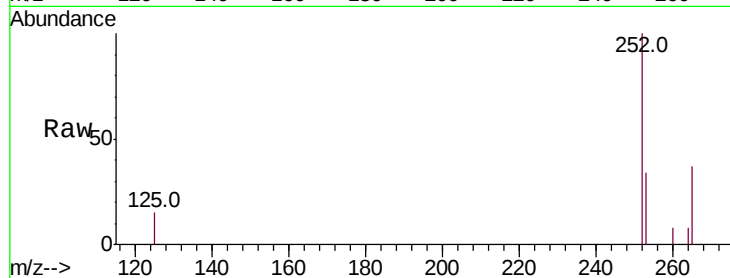
Tot Ion:252 Resp: 985

Ion Ratio Lower Upper

252 100

253 34.5 0.0 56.0

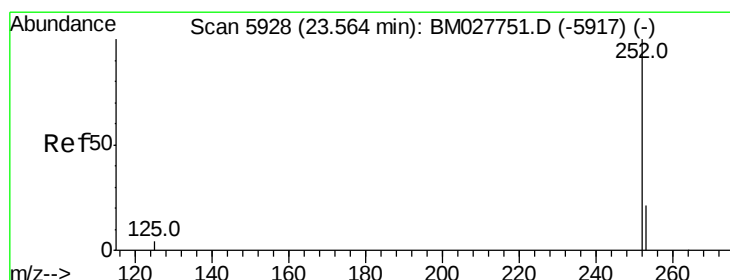
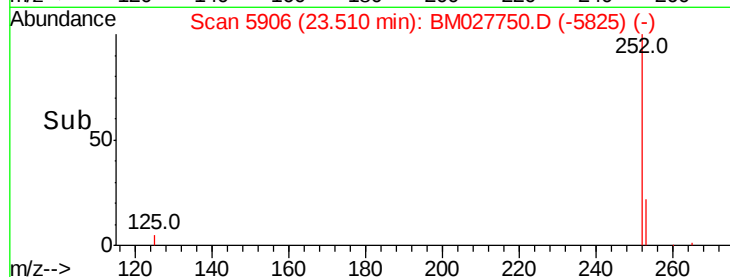
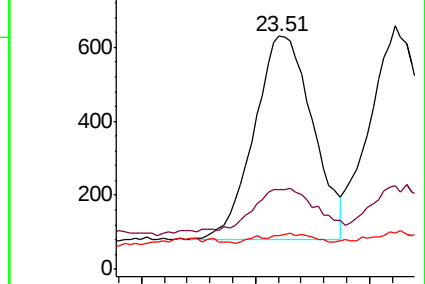
125 14.6 0.0 18.2



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: 0.190 ng/ul

RT: 23.56 min Scan# 5927

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

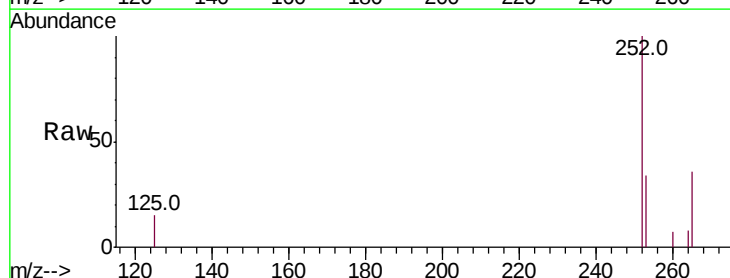
Tgt Ion:252 Resp: 969

Ion Ratio Lower Upper

252 100

253 34.5 21.8 32.8#

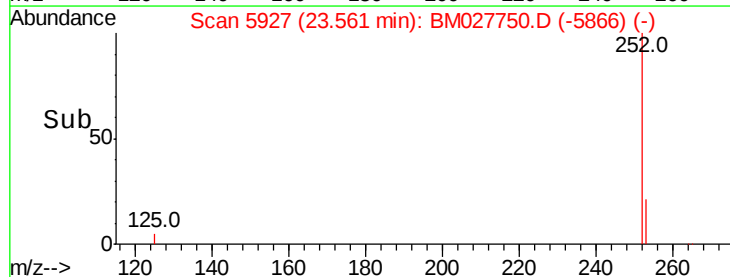
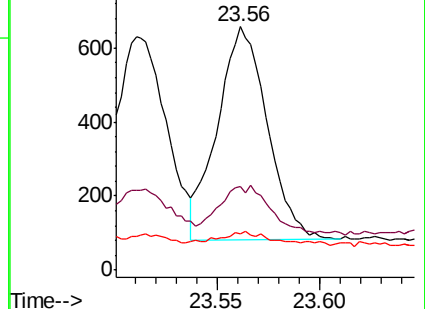
125 14.7 7.0 10.4#

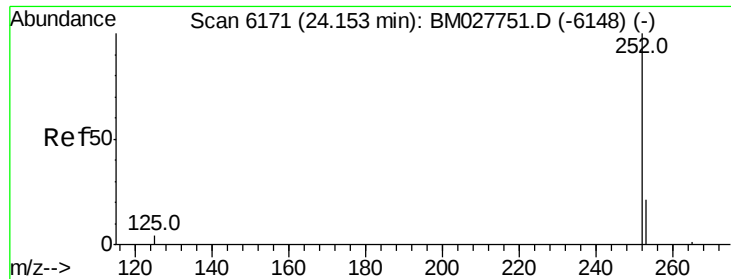


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.203 ng/ul

RT: 24.15 min Scan# 6170

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.278

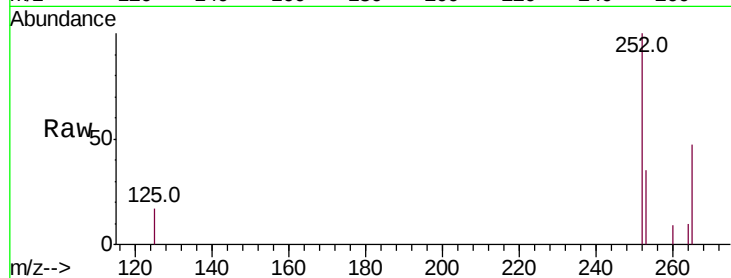
Tot Ion:252 Resp: 889

Ion Ratio Lower Upper

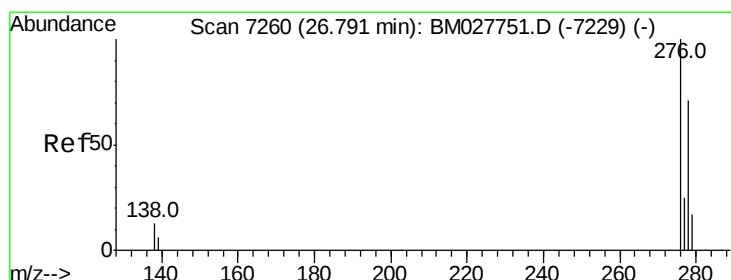
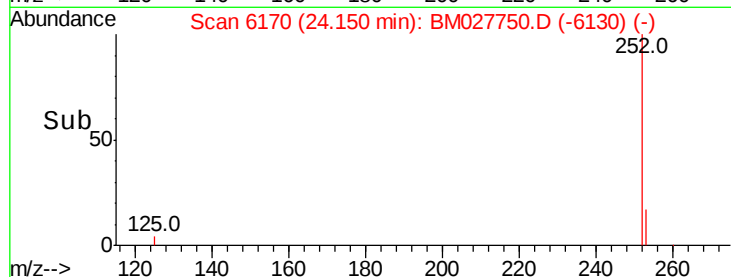
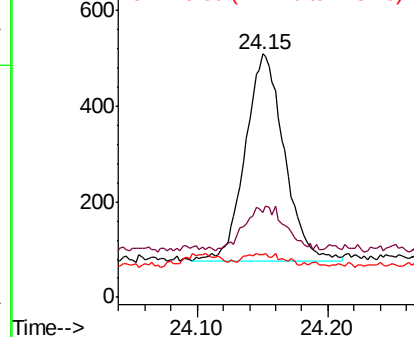
252 100

253 34.8 22.4 33.6#

125 17.5 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: 0.179 ng/ul

RT: 26.79 min Scan# 7259

Delta R.T. -0.00 min

Lab File: BM027750.D

Acq: 09 Nov 2020 10:39

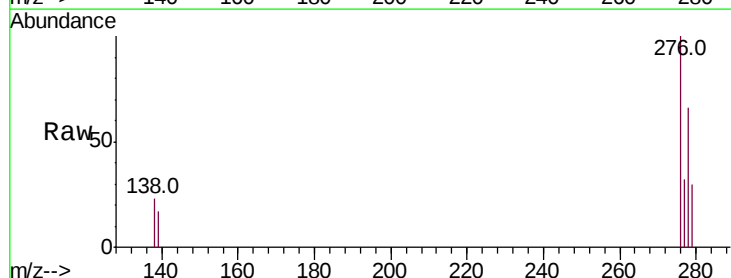
Tgt Ion:276 Resp: 1008

Ion Ratio Lower Upper

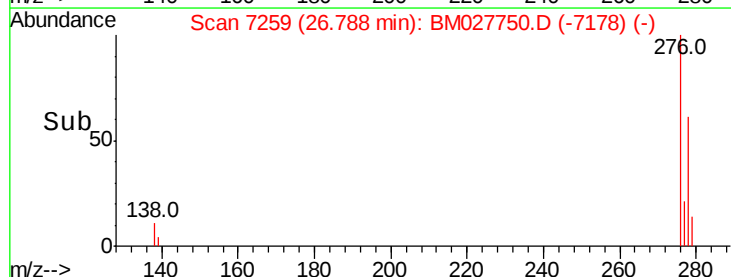
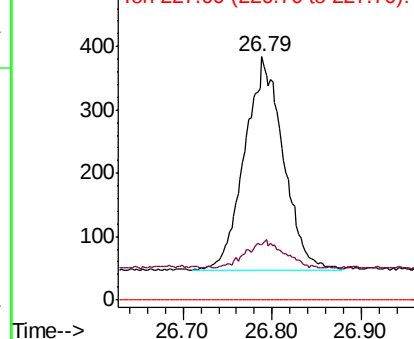
276 100

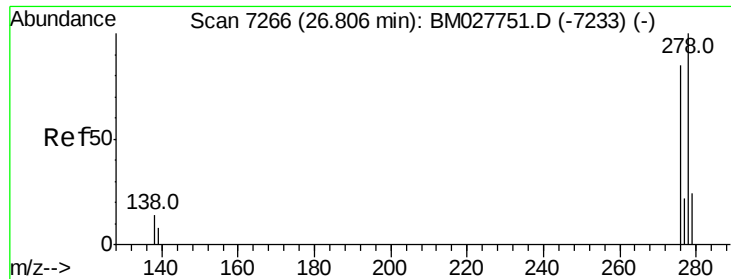
138 12.7 10.6 15.8

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

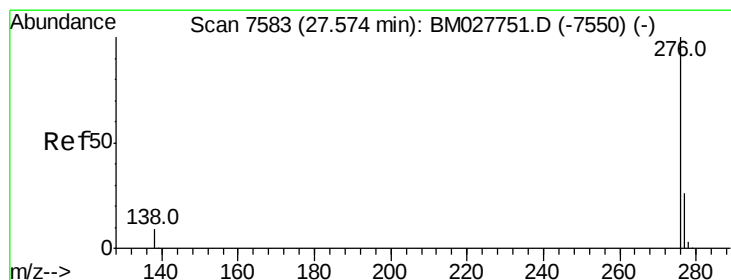
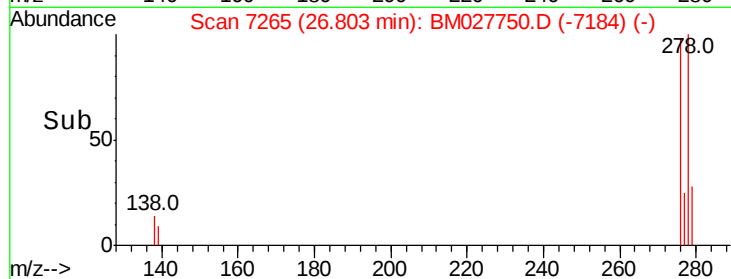
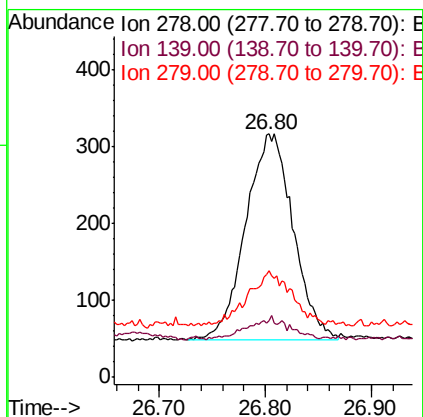
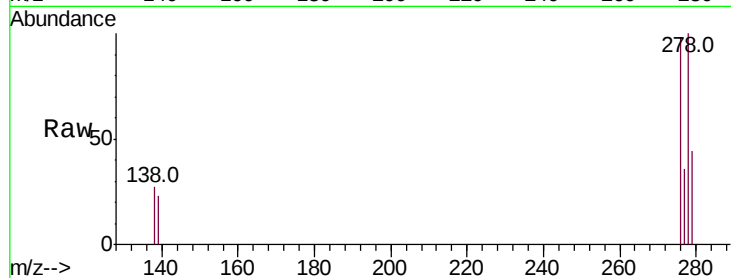




#25
Dibenzo(a,h)anthracene
Concen: 0.177 ng/u1
RT: 26.80 min Scan# 7265
Delta R.T. -0.00 min
Lab File: BM027750.D
Acq: 09 Nov 2020 10:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.278

Tot Ion:278 Resp: 826
Ion Ratio Lower Upper
278 100
139 23.0 11.5 17.3#
279 43.8 25.6 38.4#



#26
Benzo(g,h,i)perylene
Concen: 0.181 ng/u1
RT: 27.58 min Scan# 7585
Delta R.T. 0.00 min
Lab File: BM027750.D
Acq: 09 Nov 2020 10:39

Tgt Ion:276 Resp: 861
Ion Ratio Lower Upper
276 100
138 26.8 12.6 18.8#
277 33.9 24.9 37.3

