

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027918.D
 Acq On : 23 Nov 2020 18:01
 Operator : JU/CG
 Sample : L4711-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B36DL

Quant Time: Nov 24 00:45:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 11:35:49 2020
 Response via : Initial Calibration

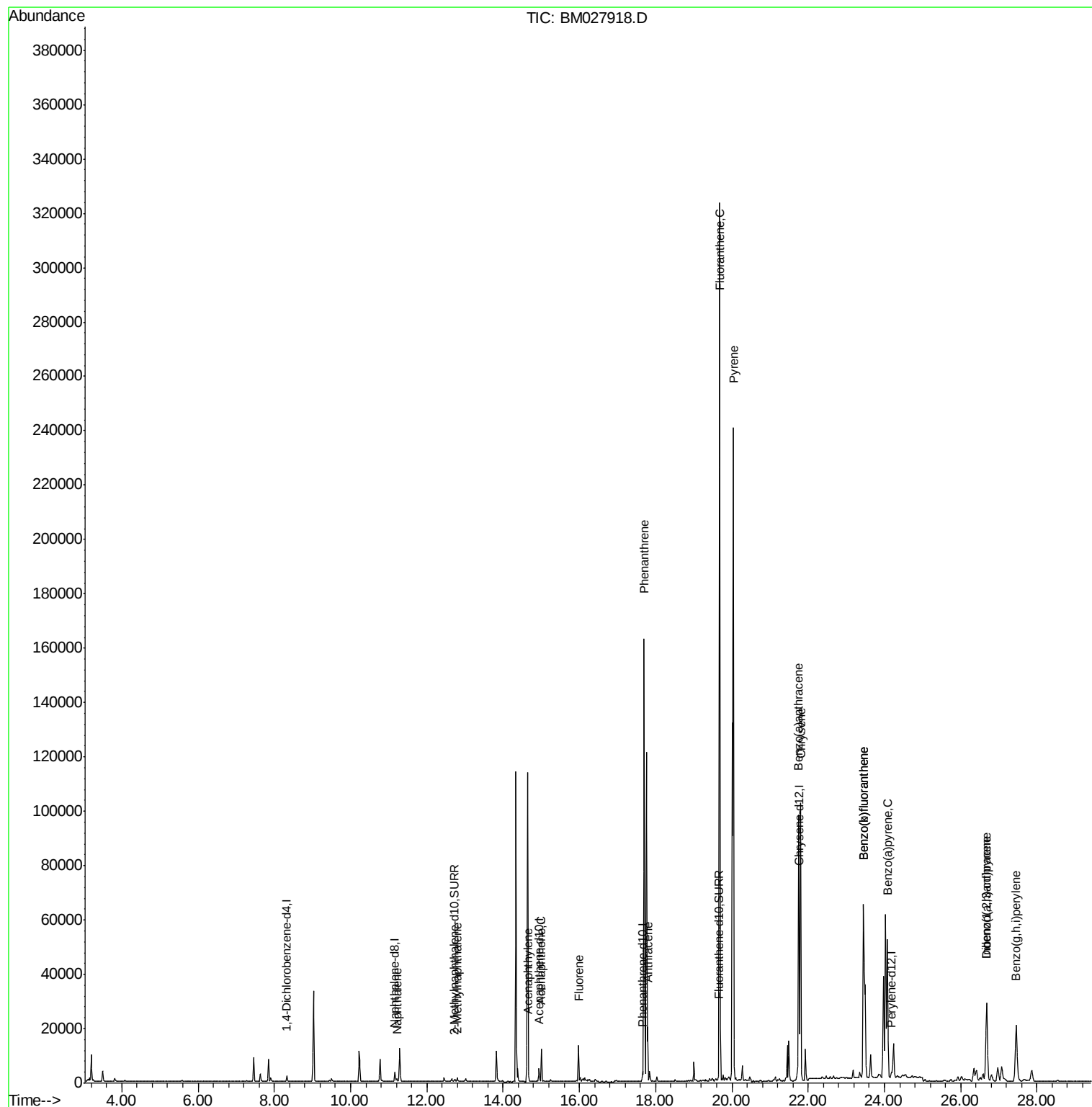
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1073	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4679	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	923	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1371	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	1269	0.099	ng/ul#	92
5) 2-Methylnaphthalene	12.80	142	839	0.096	ng/ul	99
7) Acenaphthylene	14.67	152	1233	0.097	ng/ul#	90
8) Acenaphthene	15.00	153	6699	0.703	ng/ul	99
9) Fluorene	15.98	166	8233	0.745	ng/ul	100
12) Phenanthrene	17.70	178	166230	11.247	ng/ul	97
13) Anthracene	17.79	178	20185	1.416	ng/ul	98
15) Fluoranthene	19.68	202	266349	16.252	ng/ul	100
17) Pyrene	20.04	202	201994	13.696	ng/ul	99
18) Benzo(a)anthracene	21.75	228	86050	7.344	ng/ul	99
19) Chrysene	21.80	228	98160	8.601	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	152145	13.951	ng/ul	88
22) Benzo(k)fluoranthene	23.45	252	152145	14.246	ng/ul#	89
23) Benzo(a)pyrene	24.08	252	72505	7.604	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.68	276	49646	4.809	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	12266	1.427	ng/ul	94
26) Benzo(a,h,i)perylene	27.46	276	47302	5.461	ng/ul	92

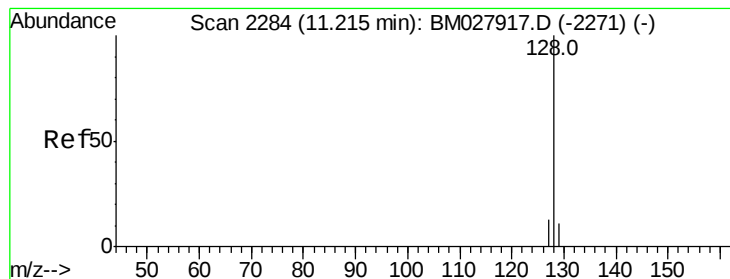
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.099 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

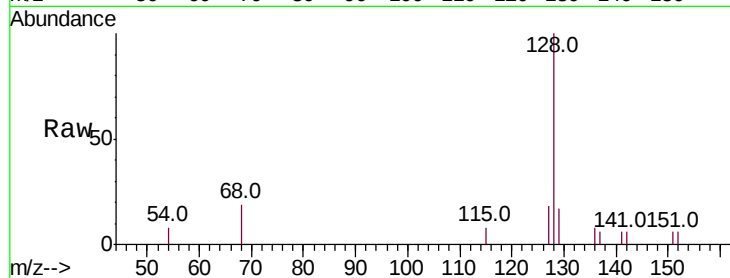
Tot Ion:128 Resp: 1269

Ion Ratio Lower Upper

128 100

129 16.8 10.4 15.6#

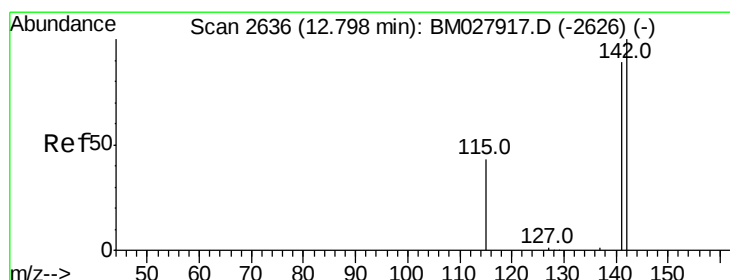
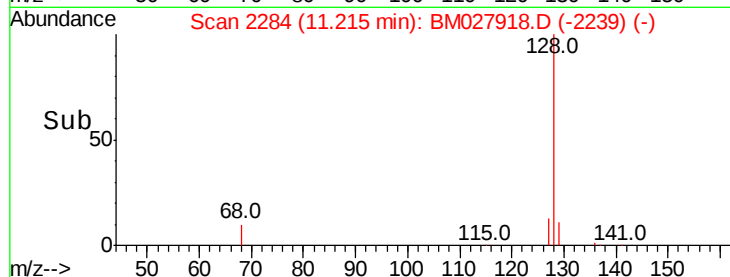
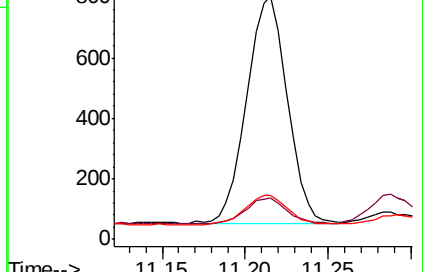
127 18.0 12.0 18.0#



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: 0.096 ng/ul

RT: 12.80 min Scan# 2636

Delta R.T. 0.00 min

Lab File: BM027918.D

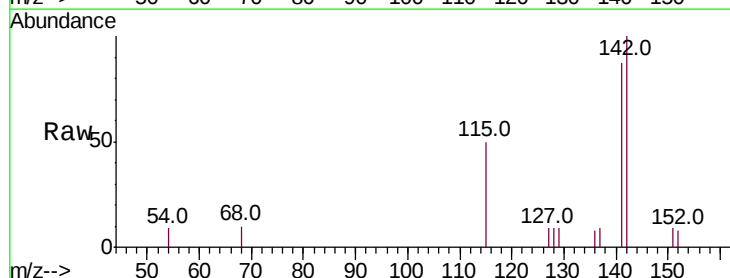
Acq: 23 Nov 2020 18:01

Tgt Ion:142 Resp: 839

Ion Ratio Lower Upper

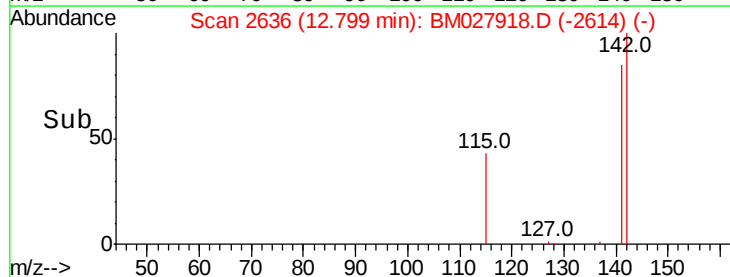
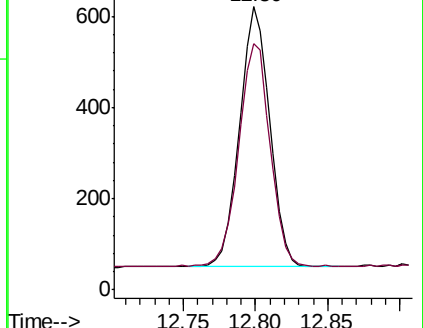
142 100

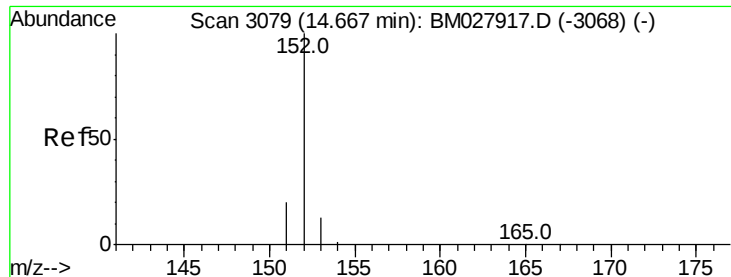
141 88.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

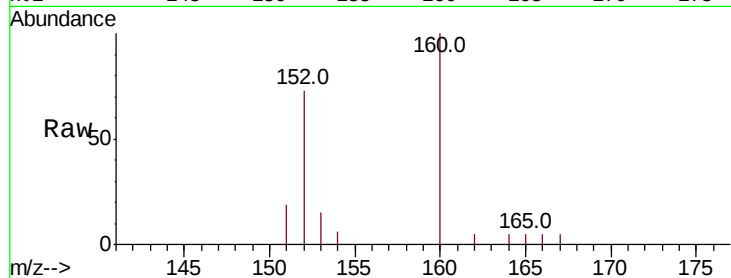
Tot Ion:152 Resp: 1233

Ion Ratio Lower Upper

152 100

151 25.4 17.1 25.7

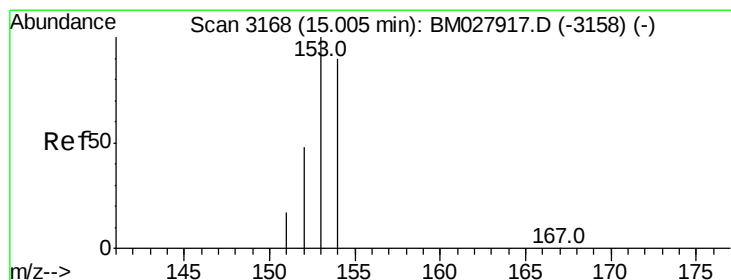
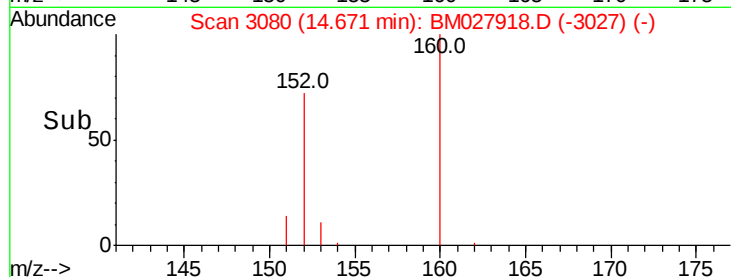
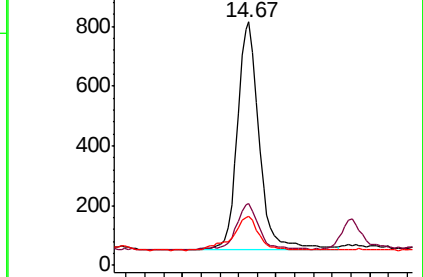
153 20.1 12.0 18.0#



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: 0.703 ng/ul

RT: 15.00 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

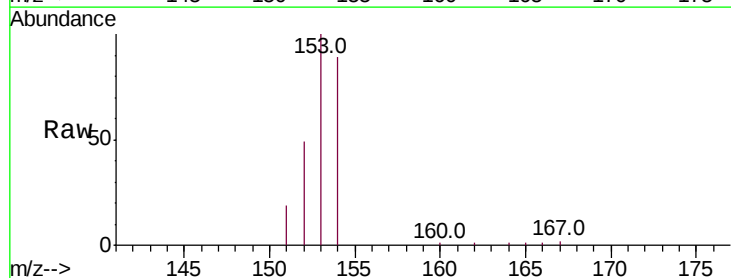
Tgt Ion:153 Resp: 6699

Ion Ratio Lower Upper

153 100

152 48.6 39.0 58.6

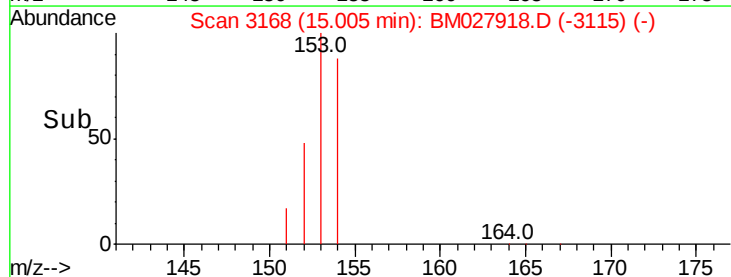
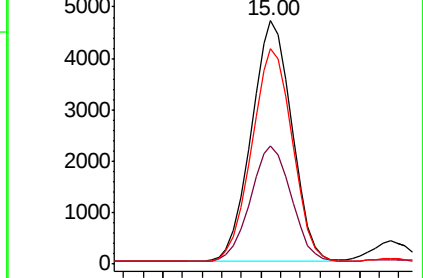
154 88.5 71.6 107.4

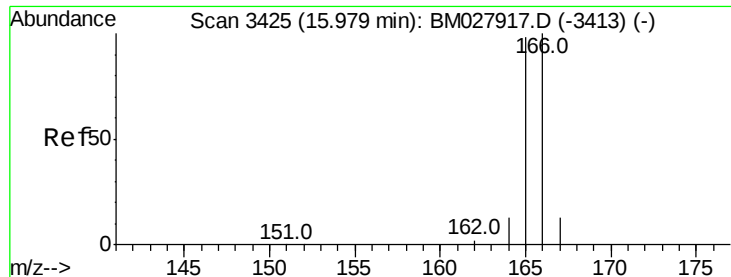


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.745 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

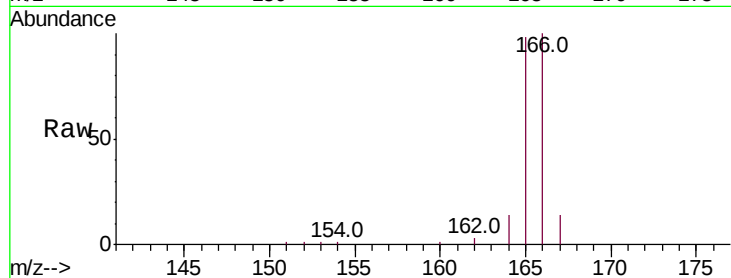
Tot Ion:166 Resp: 8233

Ion Ratio Lower Upper

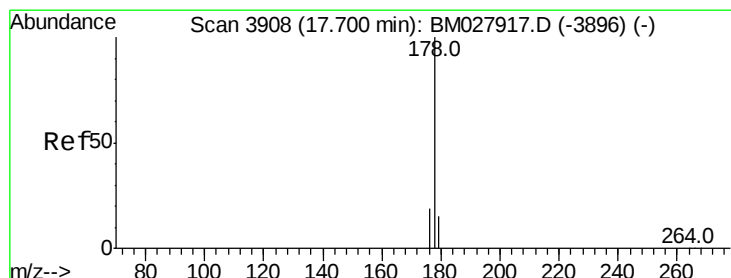
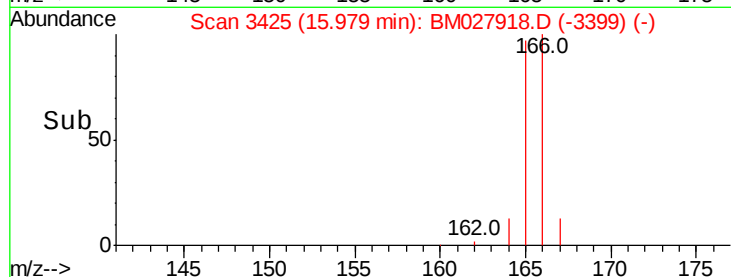
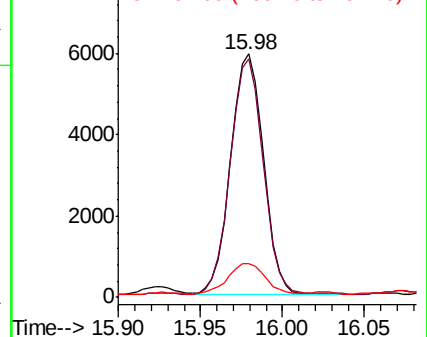
166 100

165 97.8 78.1 117.1

167 14.0 11.8 17.8



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



#12

Phenanthrene

Concen: 11.247 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

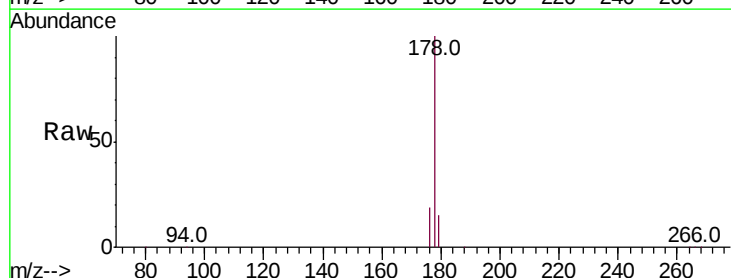
Tgt Ion:178 Resp: 166230

Ion Ratio Lower Upper

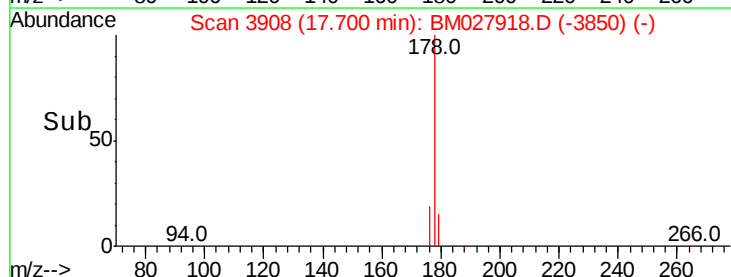
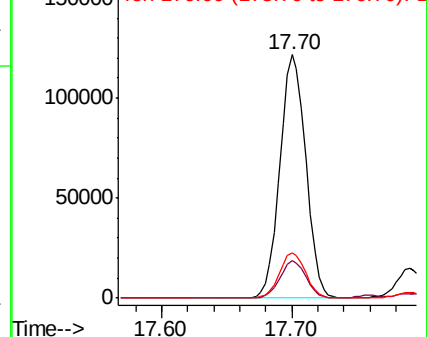
178 100

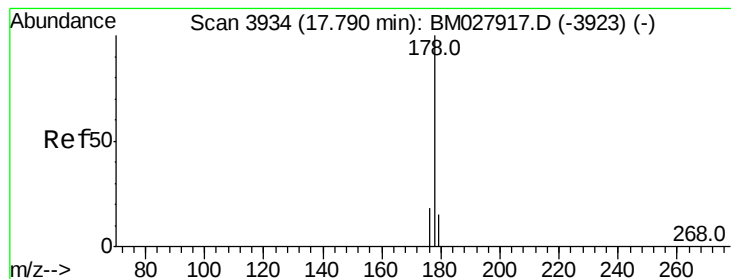
179 15.3 13.6 20.4

176 18.7 16.1 24.1



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: 1.416 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

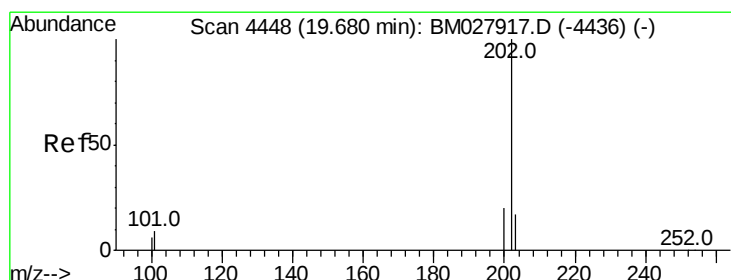
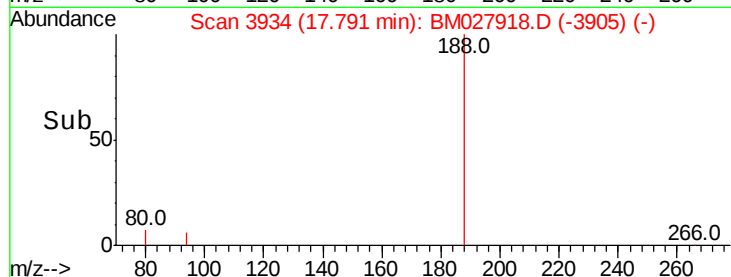
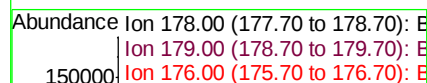
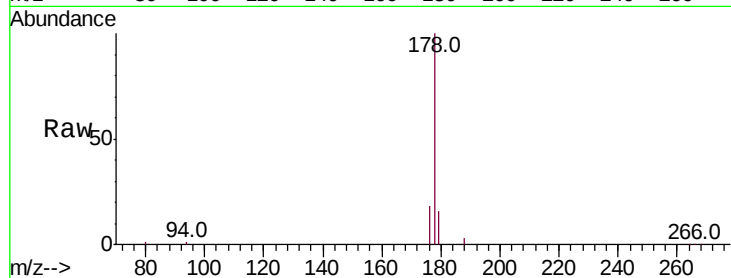
Tot Ion:178 Resp: 20185

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

176 18.4 15.0 22.6



#15

Fluoranthene

Concen: 16.252 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

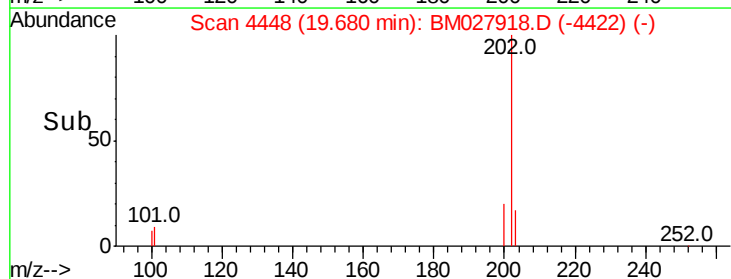
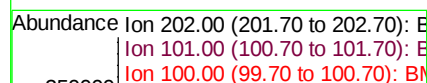
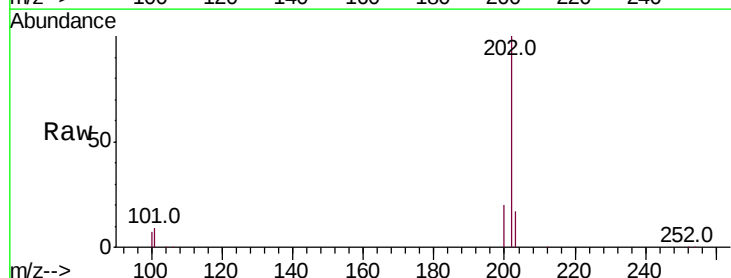
Tgt Ion:202 Resp: 266349

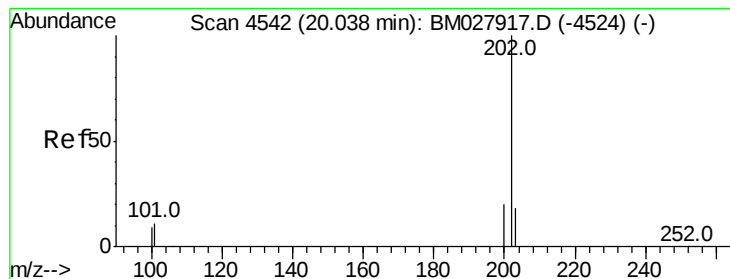
Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.3

100 7.2 0.0 27.4





#17

Pvrene

Concen: 13.696 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

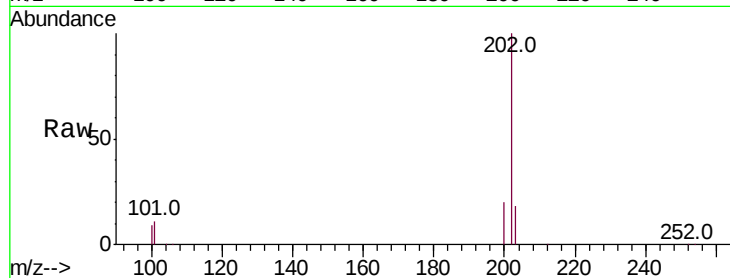
Tot Ion:202 Resp: 201994

Ion Ratio Lower Upper

202 100

101 10.5 8.2 12.2

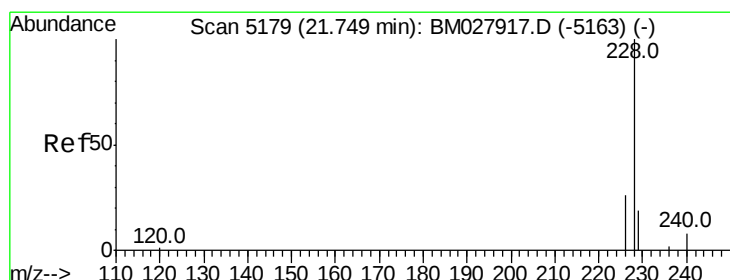
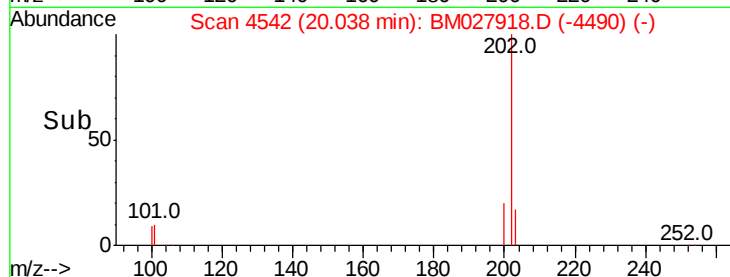
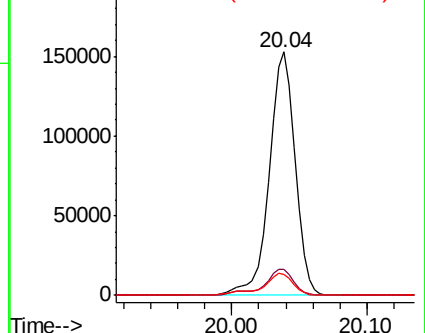
100 8.7 6.9 10.3



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



#18

Benzo(a)anthracene

Concen: 7.344 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

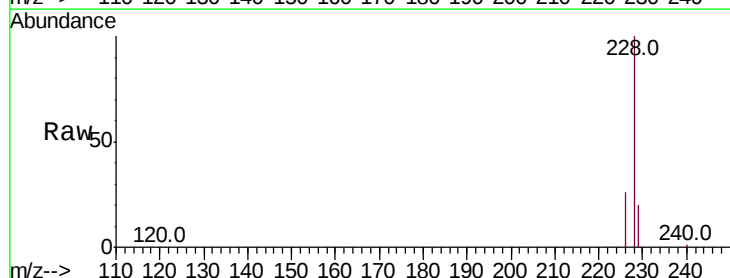
Tgt Ion:228 Resp: 86050

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.4

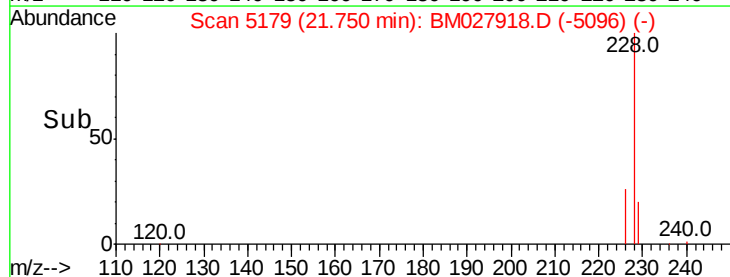
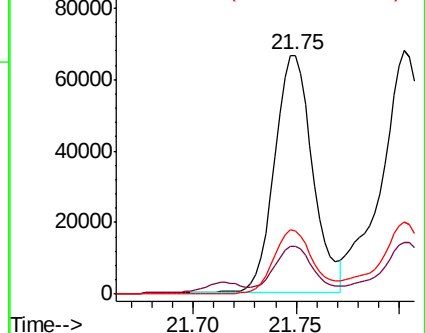
226 26.5 21.5 32.3

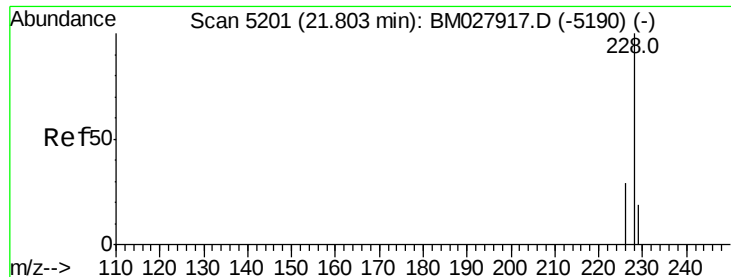


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 8.601 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

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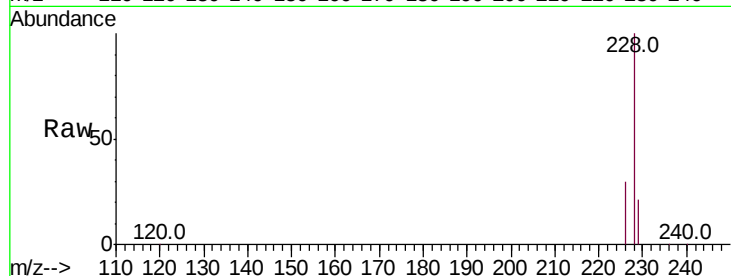
Tot Ion:228 Resp: 98160

Ion Ratio Lower Upper

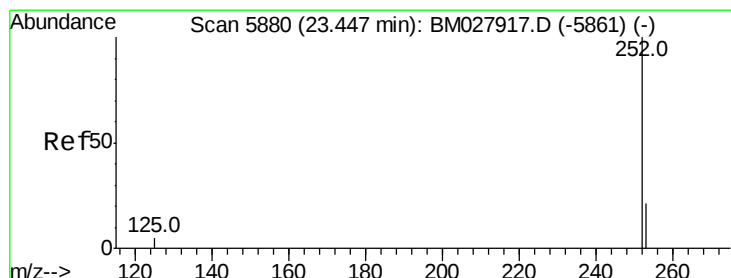
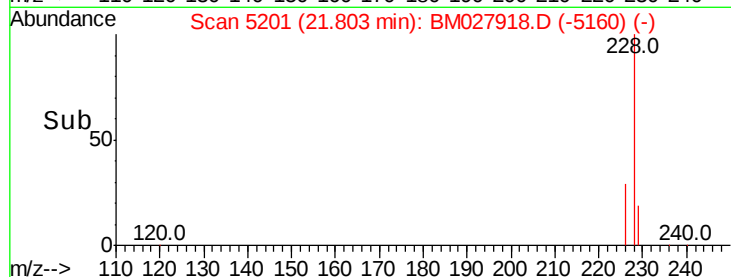
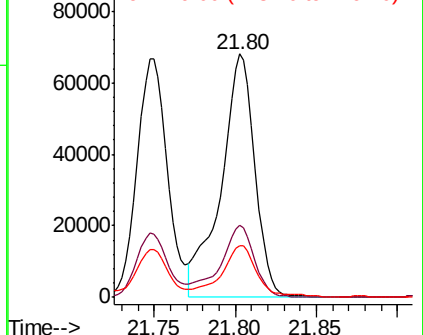
228 100

226 29.5 24.1 36.1

229 21.3 16.6 24.8



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: 13.951 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

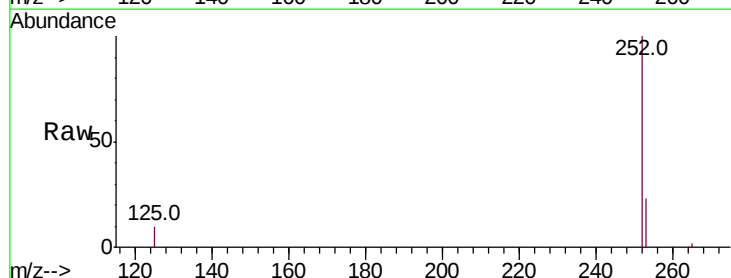
Tgt Ion:252 Resp: 152145

Ion Ratio Lower Upper

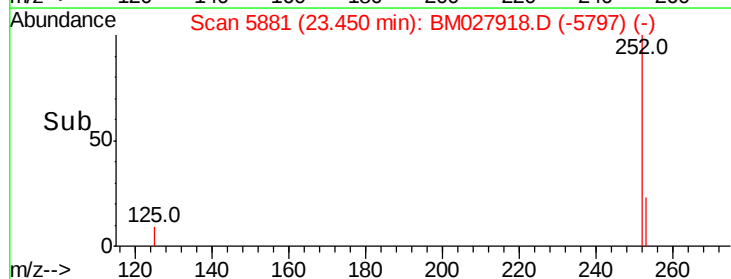
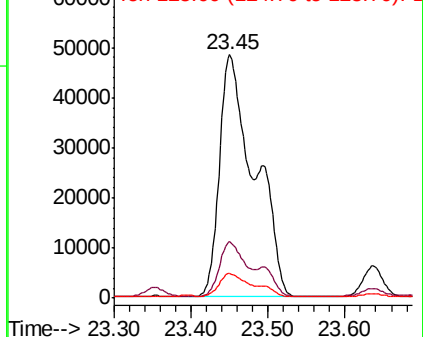
252 100

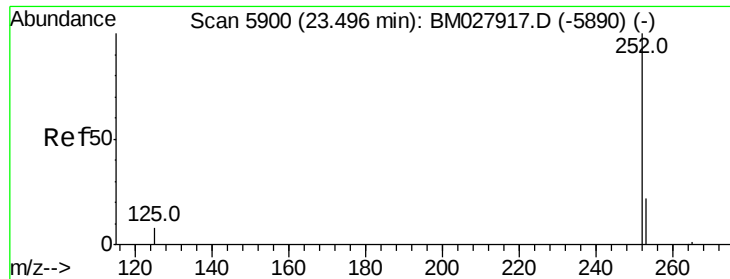
253 23.1 0.0 59.6

125 10.0 0.0 28.4



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: 14.246 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.04 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

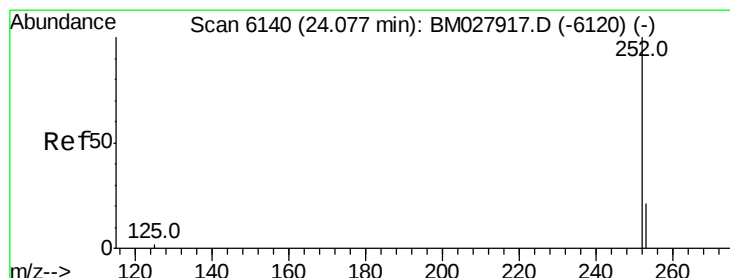
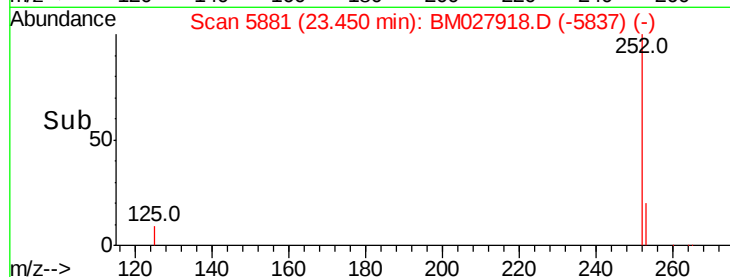
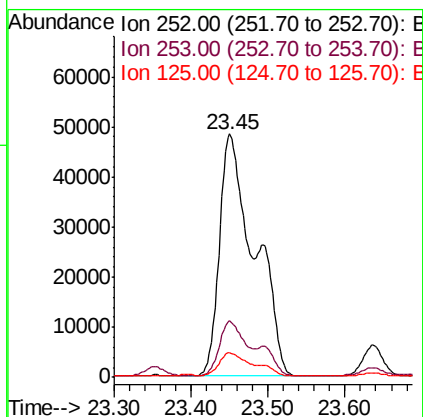
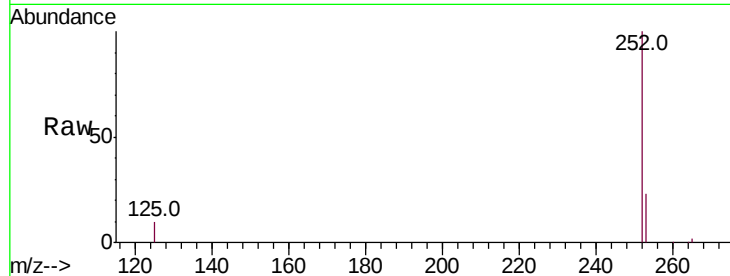
Tot Ion:252 Resp: 152145

Ion Ratio Lower Upper

252 100

253 23.1 23.2 34.8#

125 10.0 11.8 17.6#



#23

Benzo(a)pyrene

Concen: 7.604 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

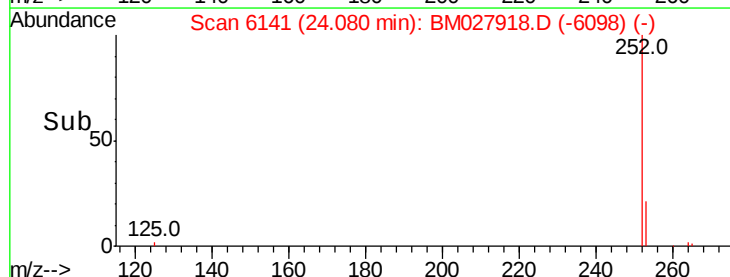
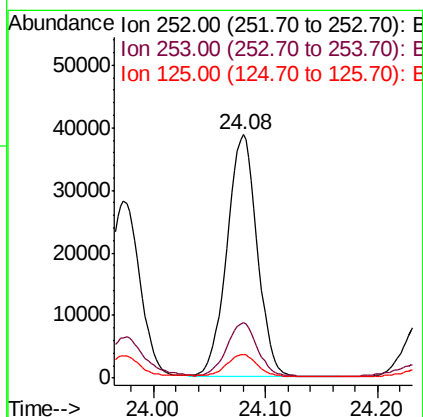
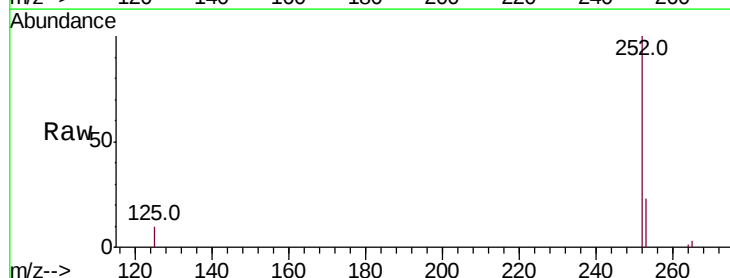
Tgt Ion:252 Resp: 72505

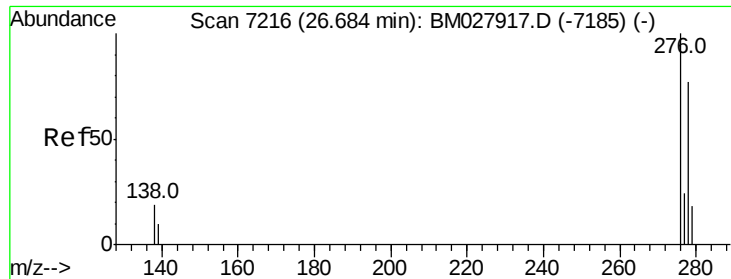
Ion Ratio Lower Upper

252 100

253 22.8 25.2 37.8#

125 9.6 13.8 20.6#



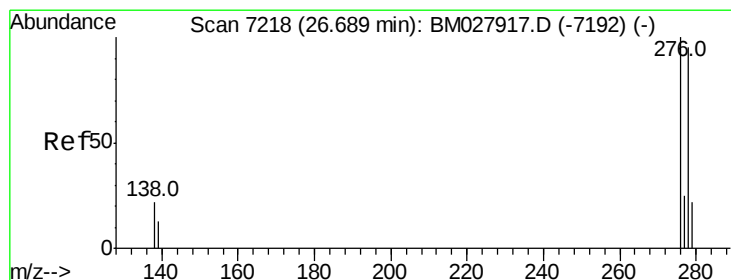
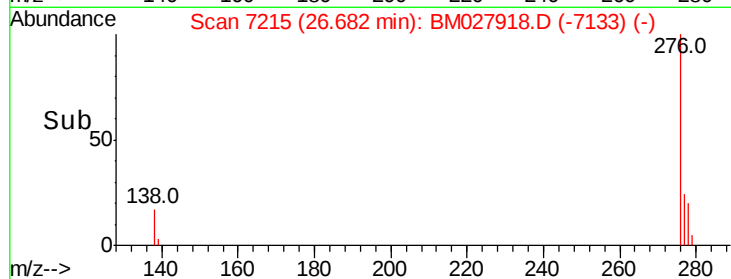
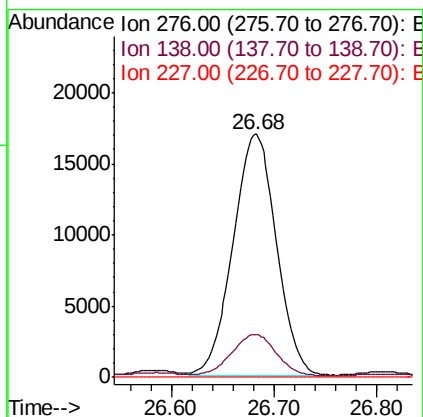
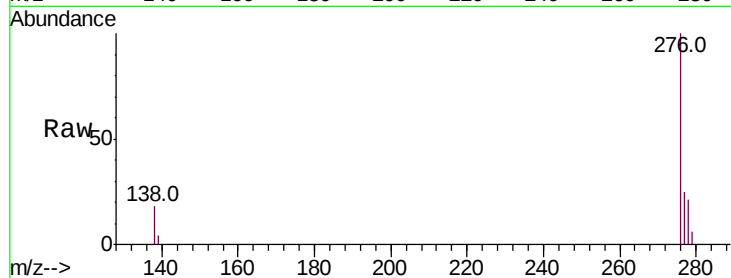


#24

Indeno(1,2,3-cd)pyrene
Concen: 4.809 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Instrument :
BNA_M
ClientSampleId :
C0B36DL

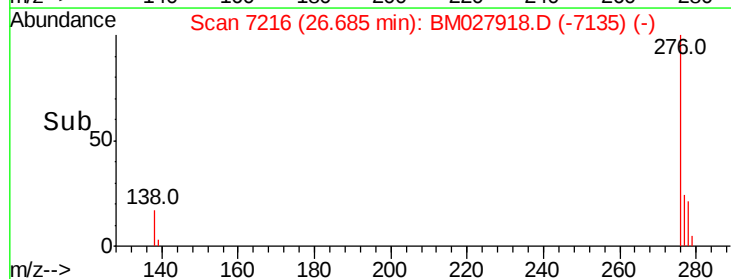
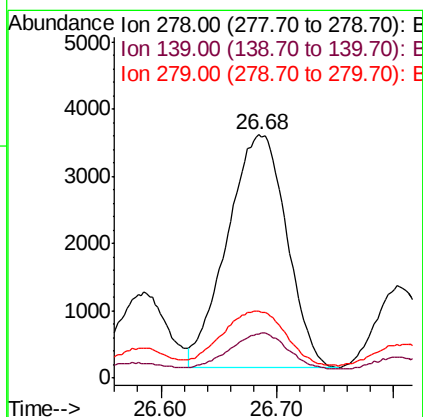
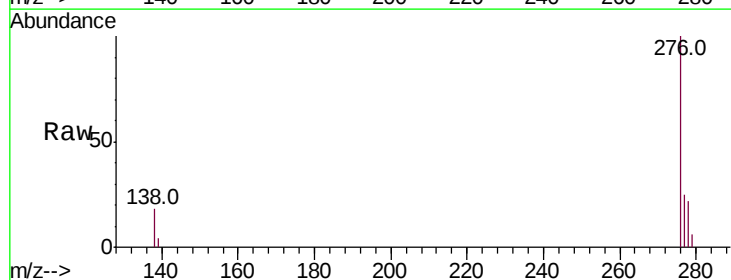
Tot Ion:276 Resp: 49646
Ion Ratio Lower Upper
276 100
138 17.6 15.7 23.5
227 0.0 0.0 0.0

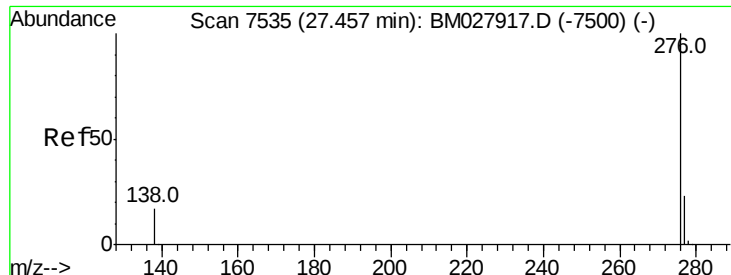


#25

Dibenzo(a,h)anthracene
Concen: 1.427 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Tgt Ion:278 Resp: 12266
Ion Ratio Lower Upper
278 100
139 18.1 14.8 22.2
279 27.5 25.8 38.6





#26

Benzo(a,h,i)perylene

Concen: 5.461 ng/ul

RT: 27.46 min Scan# 7535

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

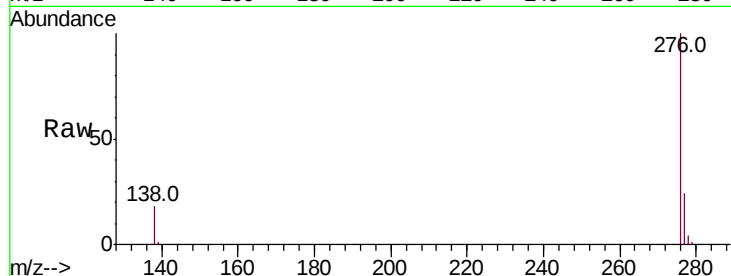
Tot Ion:276 Resp: 47302

Ion Ratio Lower Upper

276 100

138 17.9 17.4 26.2

277 24.3 22.5 33.7



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

