

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027896.D
 Acq On : 22 Nov 2020 00:10
 Operator : JU/CG
 Sample : L4711-04
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ8

Quant Time: Nov 23 04:07:43 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 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1230	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4851	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2885	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2528	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2299	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.73	152	2302	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3077	0.00	ng/ul	0.00

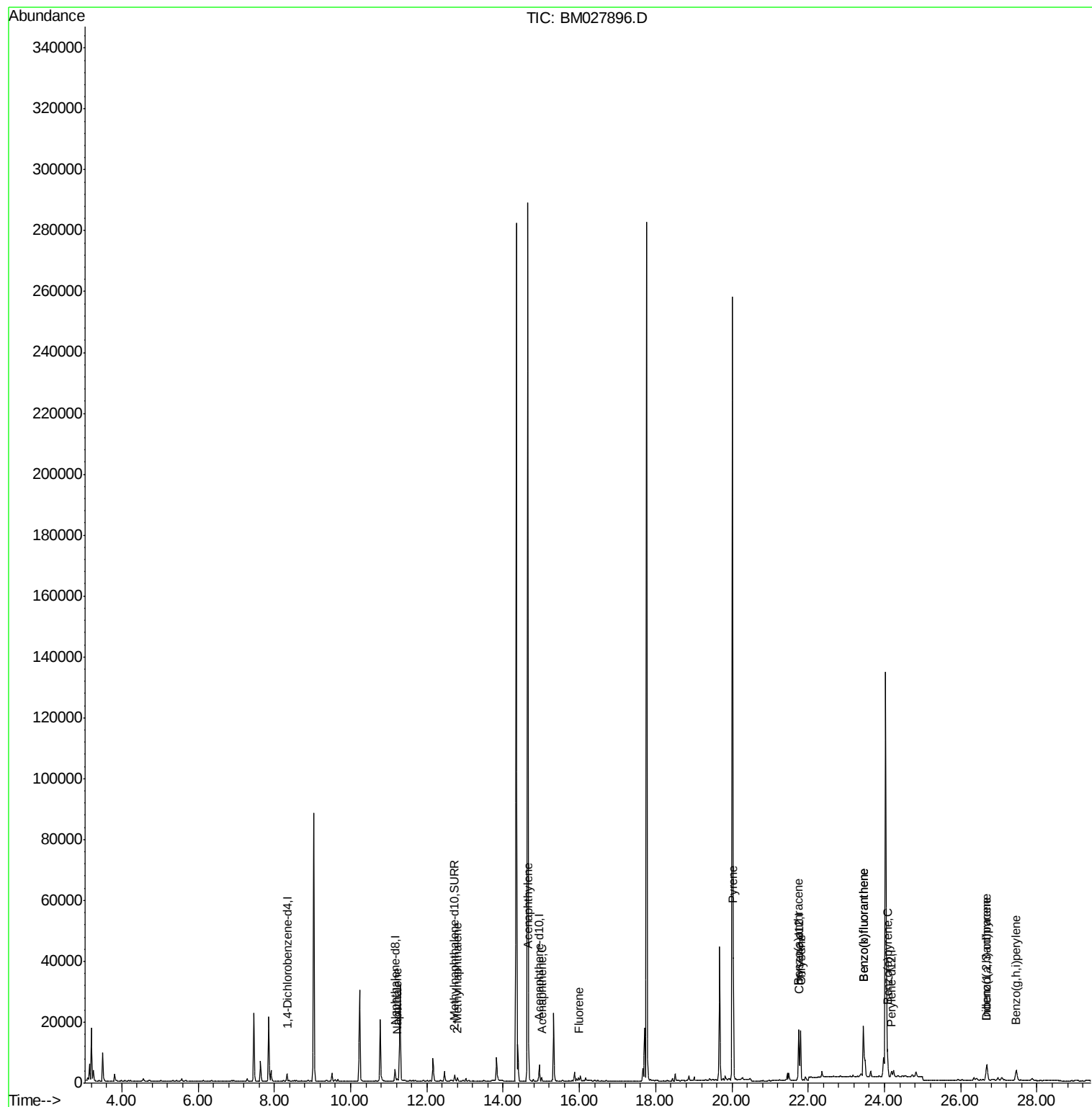
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.22	128	877	0.060	ng/ul#	84
5) 2-Methylnaphthalene	12.80	142	632	0.064	ng/ul	97
7) Acenaphthylene	14.67	152	2292	0.163	ng/ul	95
8) Acenaphthene	15.01	153	571	0.054	ng/ul#	87
9) Fluorene	15.98	166	786	0.064	ng/ul#	94
17) Pyrene	20.04	202	31648	2.465	ng/ul	98
18) Benzo(a)anthracene	21.75	228	14324	1.404	ng/ul	98
19) Chrysene	21.80	228	16400	1.651	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	25019	2.589	ng/ul#	32
22) Benzo(k)fluoranthene	23.45	252	25019	2.644	ng/ul#	32
23) Benzo(a)pyrene	24.08	252	12413	1.469	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	26.68	276	8586	0.939	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.69	278	2360	0.310	ng/ul#	46
26) Benzo(g,h,i)perylene	27.46	276	8356	1.089	ng/ul	97

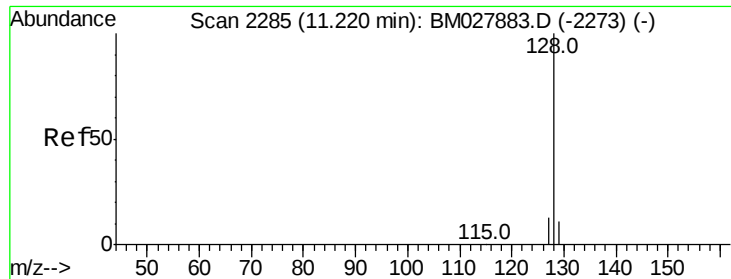
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027896.D
Acq On : 22 Nov 2020 00:10
Operator : JU/CG
Sample : L4711-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ8

Quant Time: Nov 23 04:07:43 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 04:04:52 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.060 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

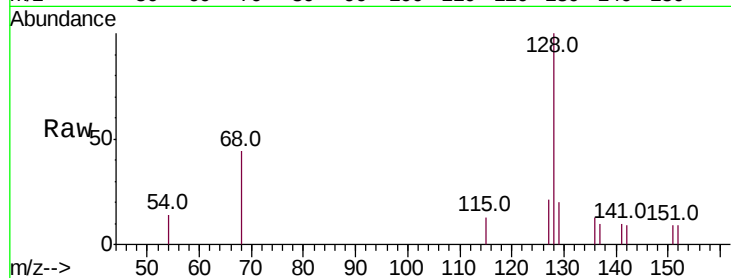
Tot Ion:128 Resp: 877

Ion Ratio Lower Upper

128 100

129 20.1 10.4 15.6#

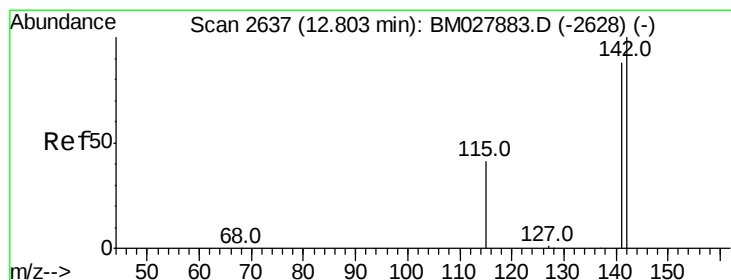
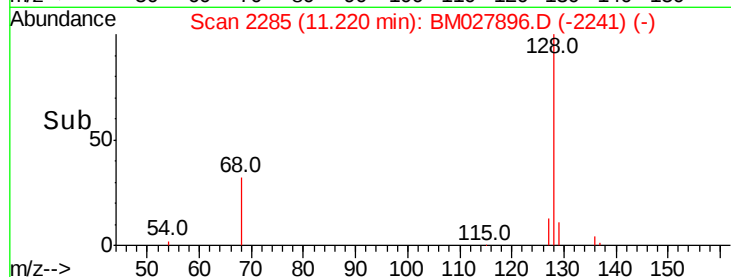
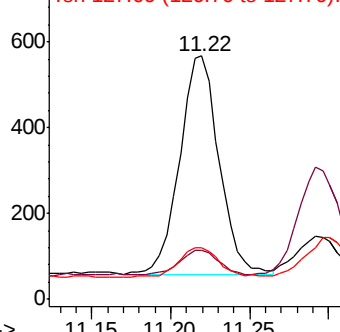
127 21.3 12.0 18.0#



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: 0.064 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027896.D

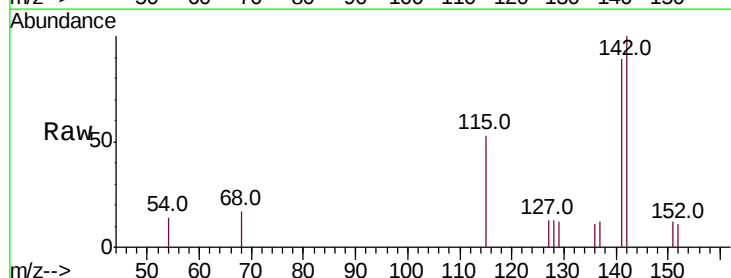
Acq: 22 Nov 2020 00:10

Tgt Ion:142 Resp: 632

Ion Ratio Lower Upper

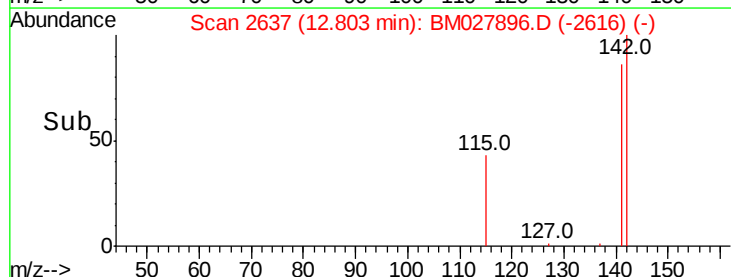
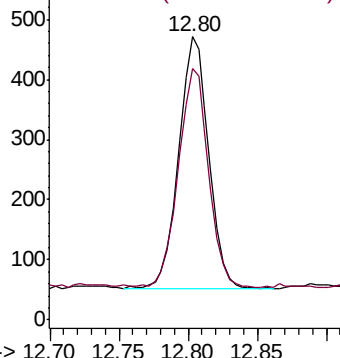
142 100

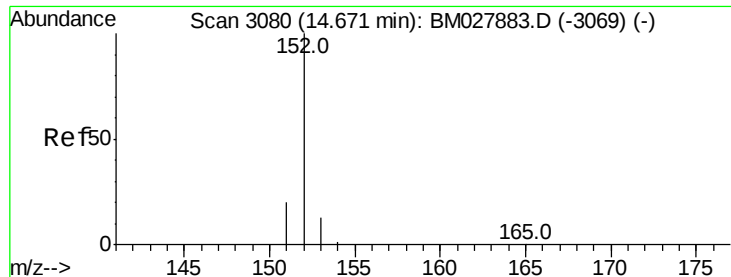
141 86.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.163 ng/ul

RT: 14.67 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

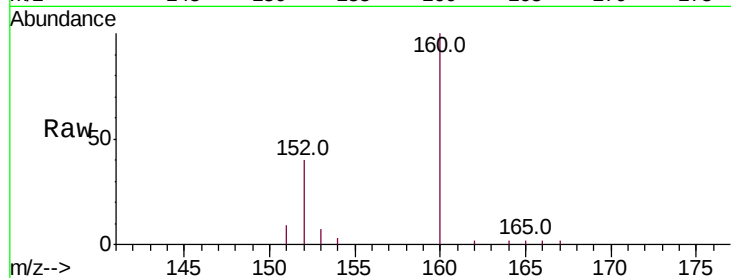
Tot Ion:152 Resp: 2292

Ion Ratio Lower Upper

152 100

151 23.2 17.1 25.7

153 18.0 12.0 18.0

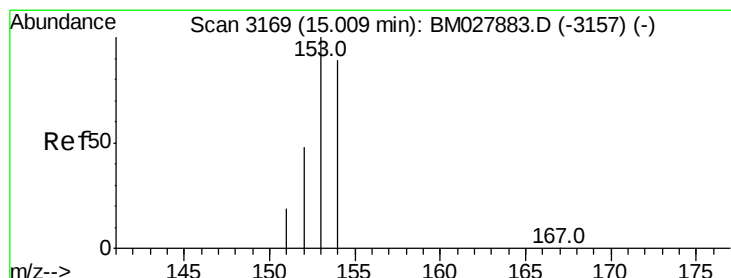
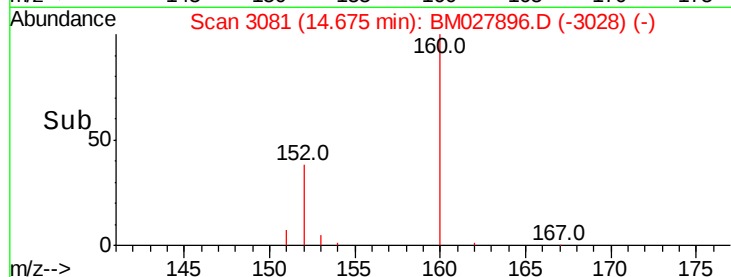
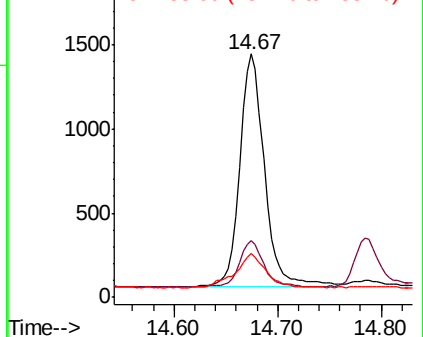


Abundance

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: 0.054 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

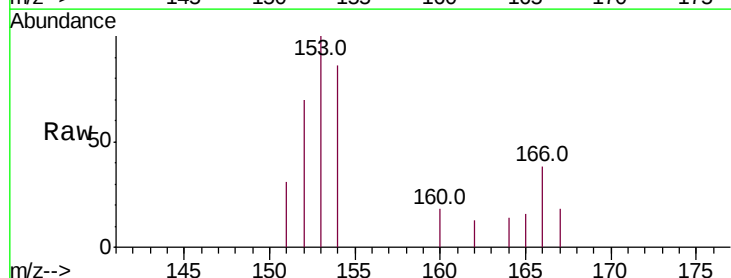
Tgt Ion:153 Resp: 571

Ion Ratio Lower Upper

153 100

152 69.7 39.0 58.6#

154 86.0 71.6 107.4

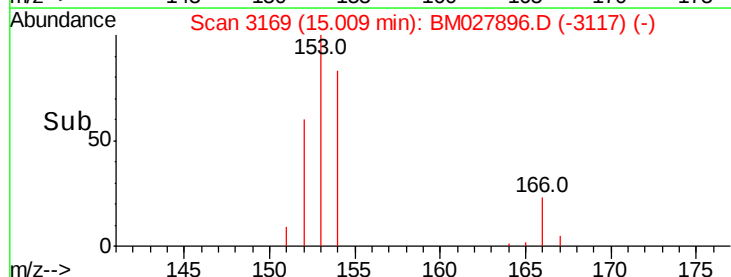
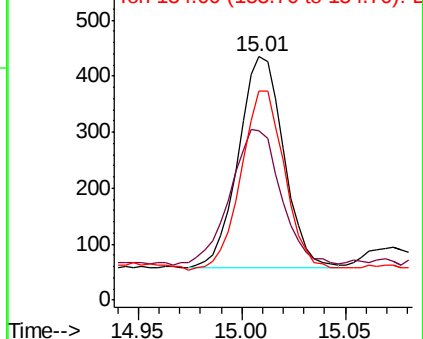


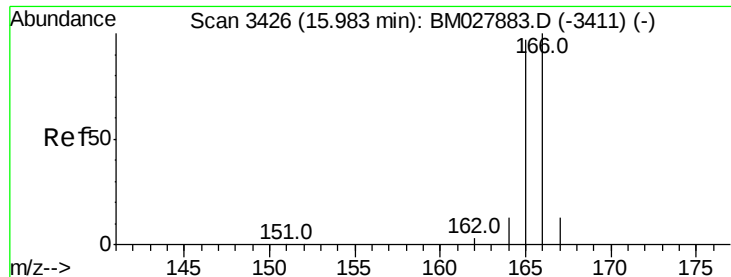
Abundance

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: 0.064 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

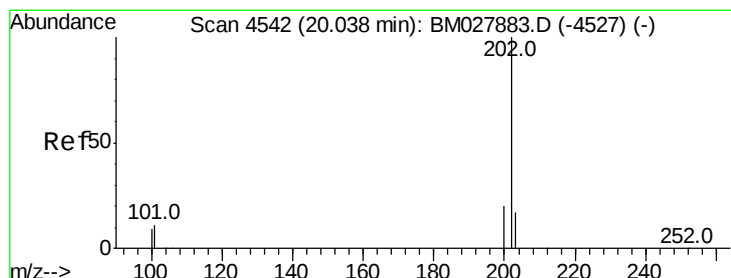
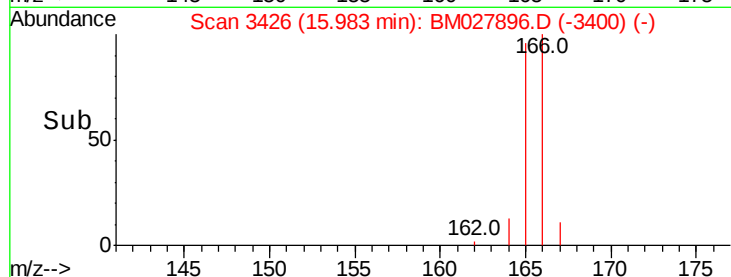
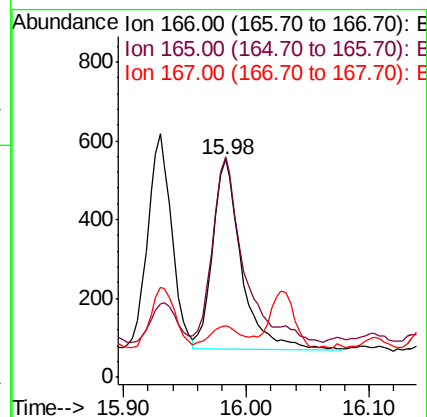
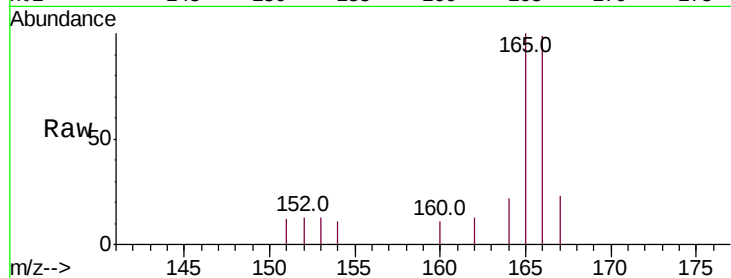
Tot Ion:166 Resp: 786

Ion Ratio Lower Upper

166 100

165 101.3 78.1 117.1

167 23.7 11.8 17.8#



#17

Pyrene

Concen: 2.465 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

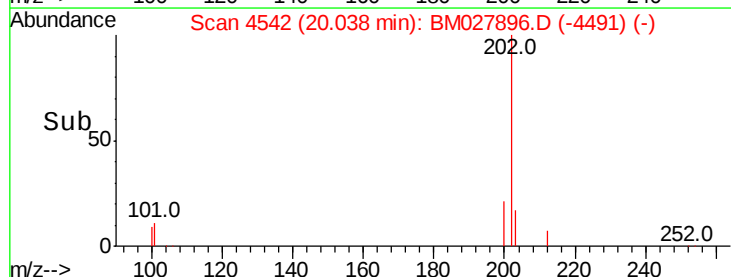
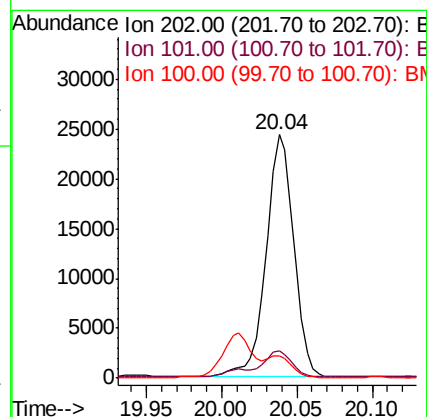
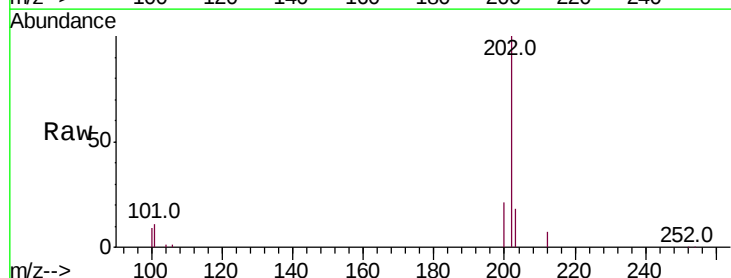
Tgt Ion:202 Resp: 31648

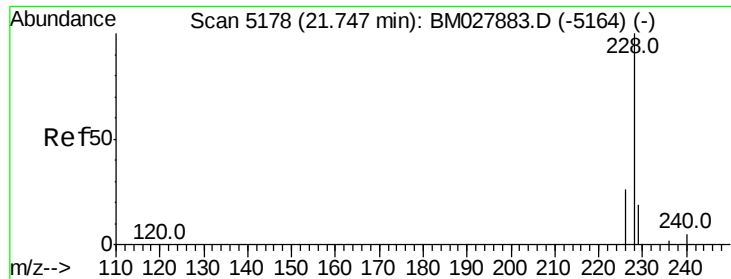
Ion Ratio Lower Upper

202 100

101 11.2 8.2 12.2

100 9.3 6.9 10.3





#18

Benzo(a)anthracene

Concen: 1.404 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. -0.01 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

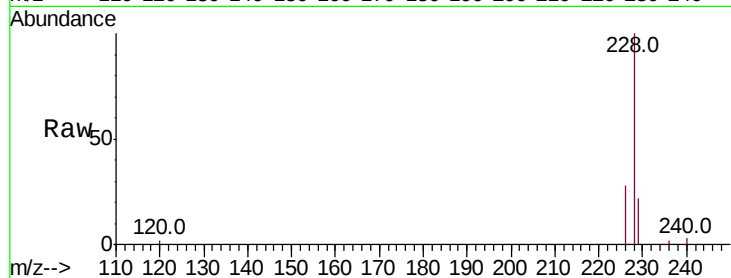
Tot Ion:228 Resp: 14324

Ion Ratio Lower Upper

228 100

229 21.6 16.2 24.4

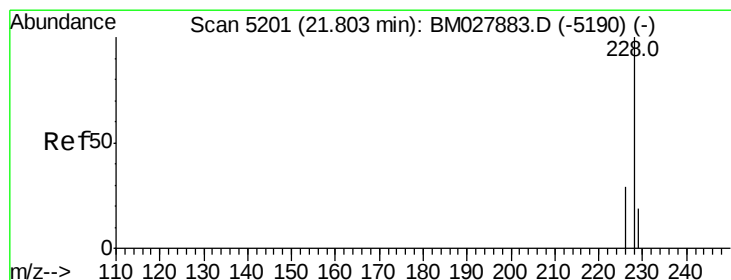
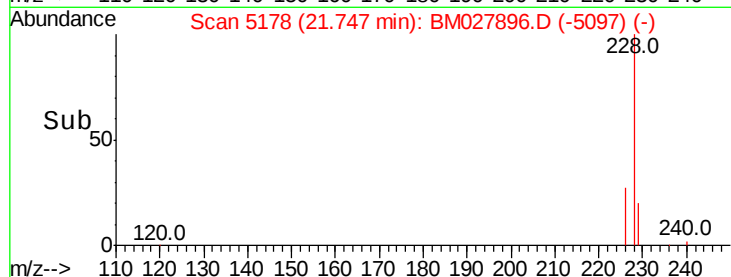
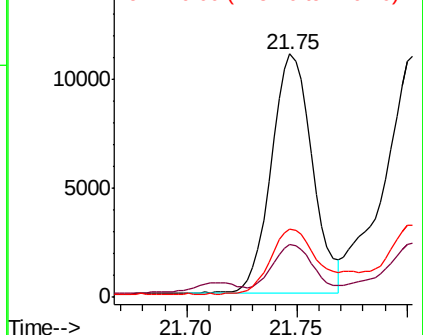
226 28.0 21.5 32.3



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: 1.651 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.01 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

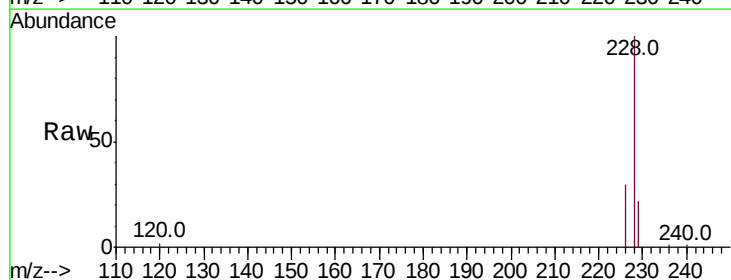
Tgt Ion:228 Resp: 16400

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

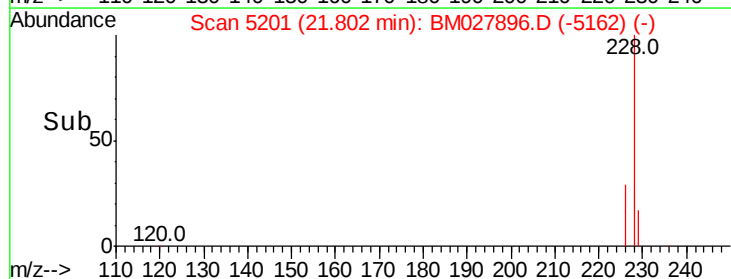
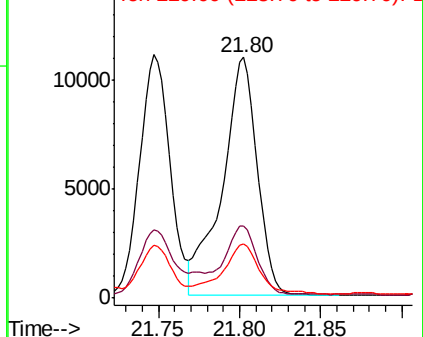
229 22.5 16.6 24.8

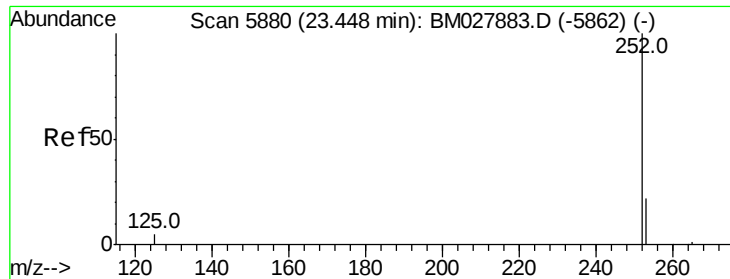


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 2.589 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

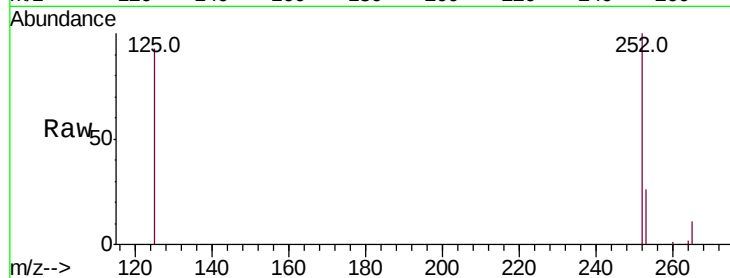
Tot Ion:252 Resp: 25019

Ion Ratio Lower Upper

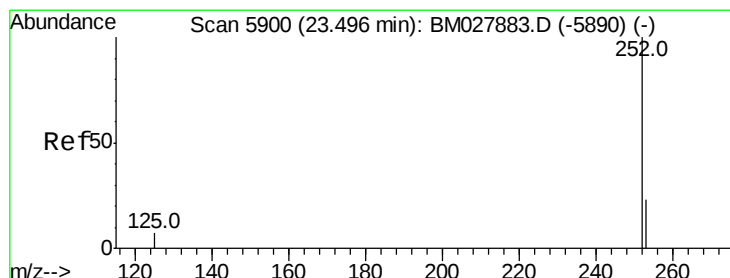
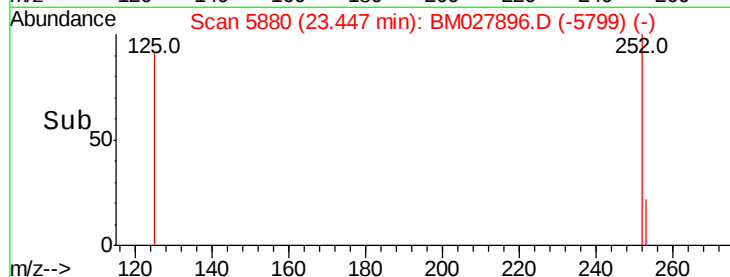
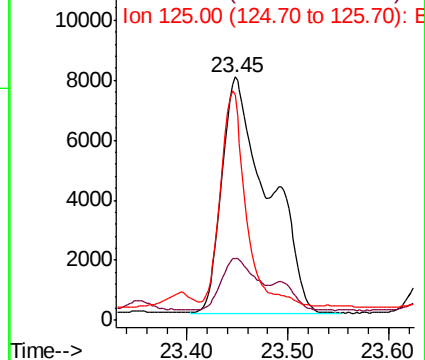
252 100

253 25.6 0.0 59.6

125 92.9 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: 2.644 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.05 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

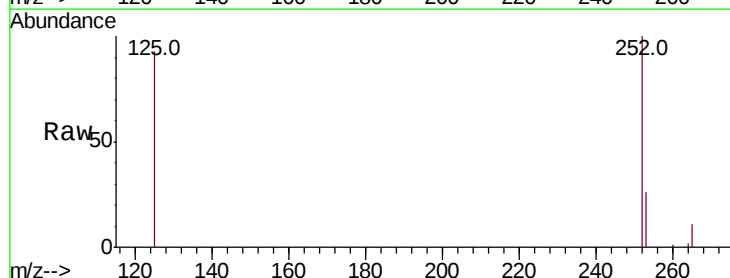
Tgt Ion:252 Resp: 25019

Ion Ratio Lower Upper

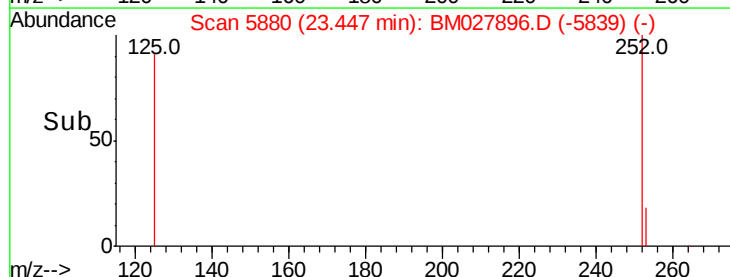
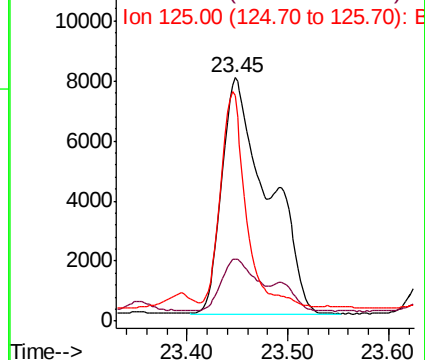
252 100

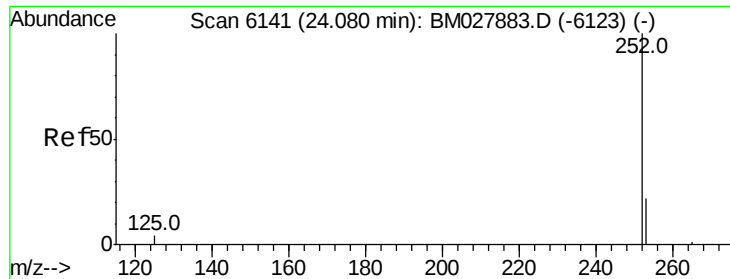
253 25.6 23.2 34.8

125 92.9 11.8 17.6#



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





#23

Benzo(a)pyrene

Concen: 1.469 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

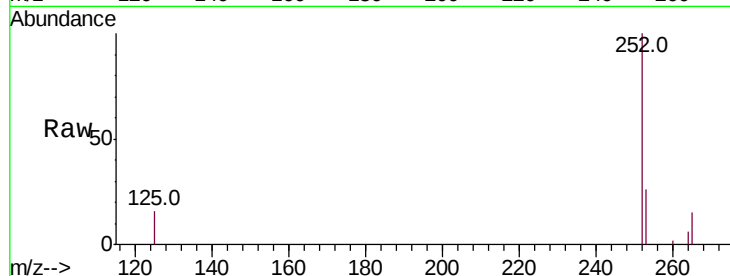
Tot Ion:252 Resp: 12413

Ion Ratio Lower Upper

252 100

253 26.3 25.2 37.8

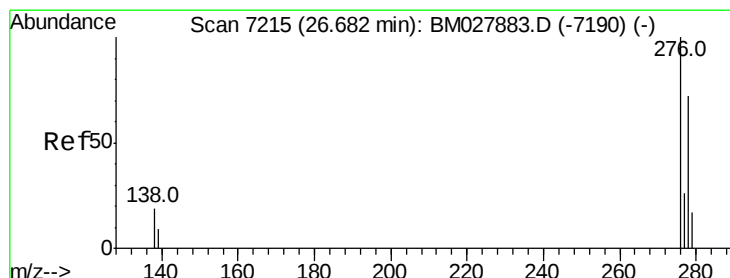
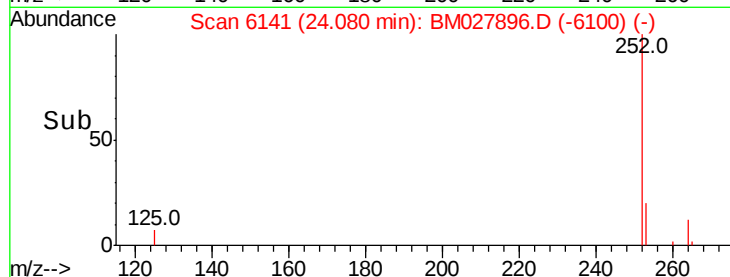
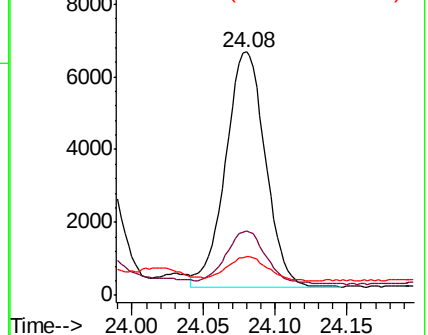
125 15.8 13.8 20.6



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: 0.939 ng/ul

RT: 26.68 min Scan# 7216

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

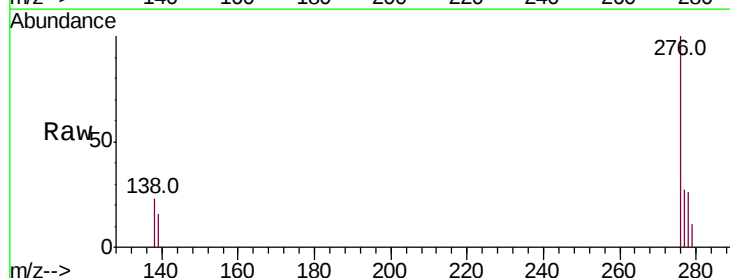
Tgt Ion:276 Resp: 8586

Ion Ratio Lower Upper

276 100

138 20.5 15.7 23.5

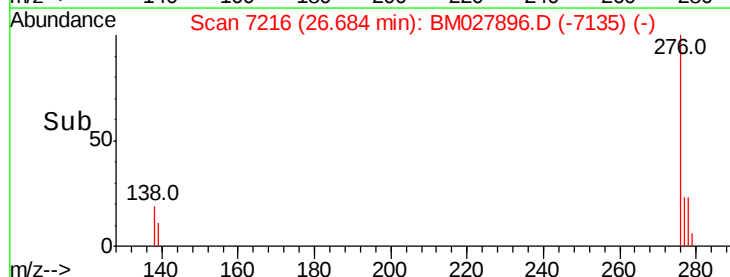
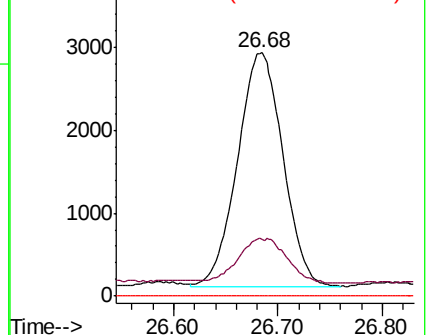
227 0.0 0.0 0.0

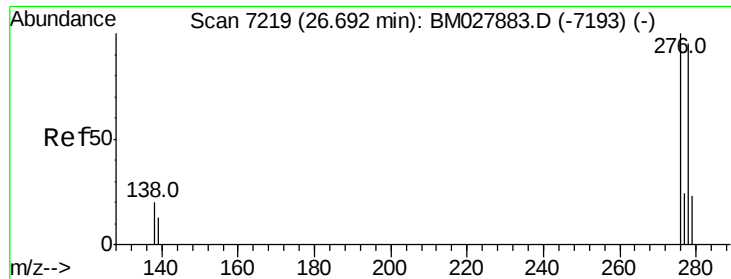


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul

RT: 26.69 min Scan# 7218

Delta R.T. -0.01 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

Instrument :

BNA_M

ClientSampleId :

C0AZ8

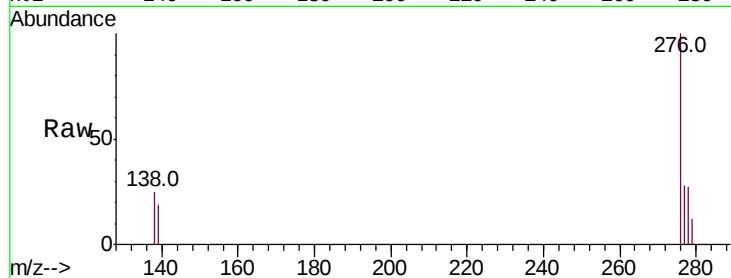
Tot Ion:278 Resp: 2360

Ion Ratio Lower Upper

278 100

139 69.5 14.8 22.2#

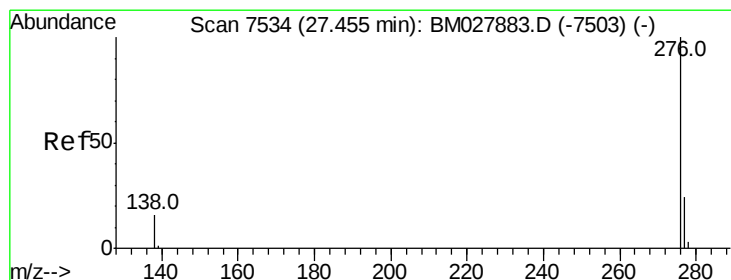
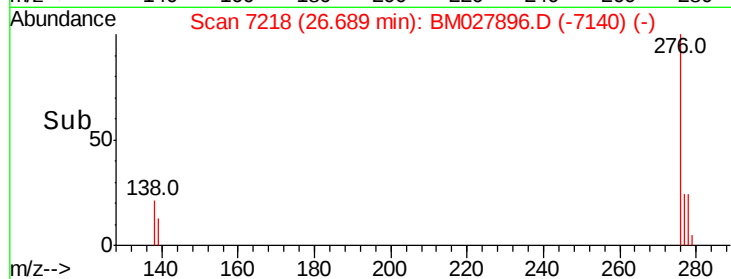
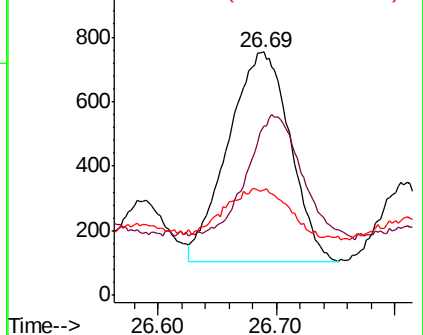
279 43.1 25.8 38.6#



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: 1.089 ng/ul

RT: 27.46 min Scan# 7536

Delta R.T. -0.00 min

Lab File: BM027896.D

Acq: 22 Nov 2020 00:10

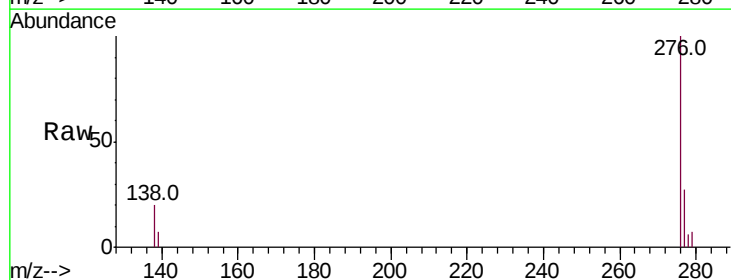
Tgt Ion:276 Resp: 8356

Ion Ratio Lower Upper

276 100

138 20.4 17.4 26.2

277 26.8 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

