

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027894.D
 Acq On : 21 Nov 2020 22:57
 Operator : JU/CG
 Sample : L4711-19
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B03

Quant Time: Nov 23 04:07:31 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

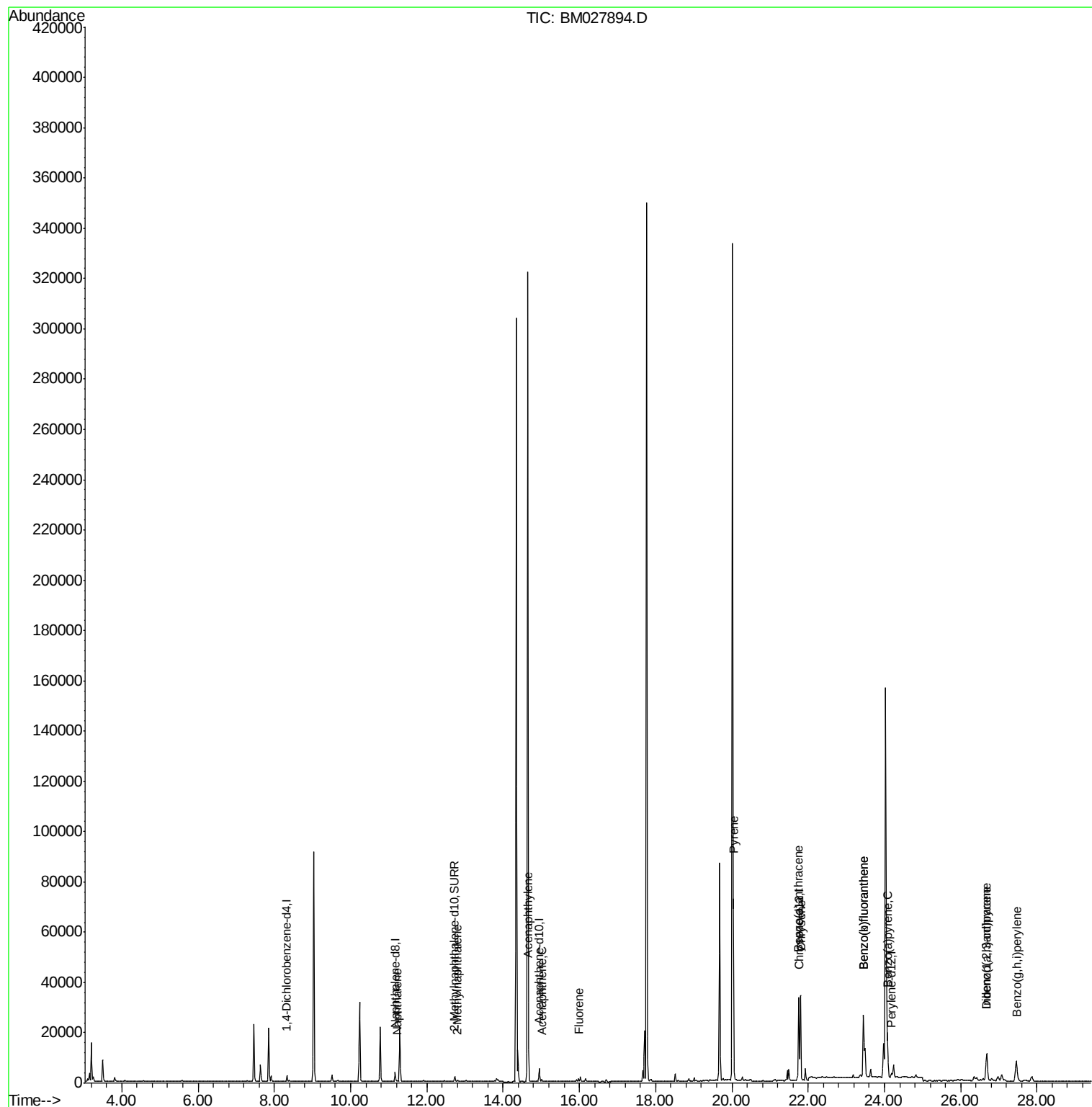
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1155	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4689	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2949	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2584	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2484	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4023	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	669	0.048	ng/ul#	79
5) 2-Methylnaphthalene	12.80	142	377	0.039	ng/ul	99
7) Acenaphthylene	14.68	152	688	0.048	ng/ul#	76
8) Acenaphthene	15.01	153	539	0.050	ng/ul	95
9) Fluorene	15.98	166	744	0.059	ng/ul#	97
17) Pyrene	20.04	202	59179	4.013	ng/ul	98
18) Benzo(a)anthracene	21.75	228	28520	2.434	ng/ul	99
19) Chrysene	21.80	228	33553	2.940	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	55156	5.079	ng/ul	91
22) Benzo(k)fluoranthene	23.45	252	55140	5.185	ng/ul	93
23) Benzo(a)pyrene	24.08	252	26339	2.774	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	26.68	276	18984	1.847	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.69	278	4757	0.556	ng/ul#	87
26) Benzo(g,h,i)perylene	27.46	276	18433	2.137	ng/ul	95

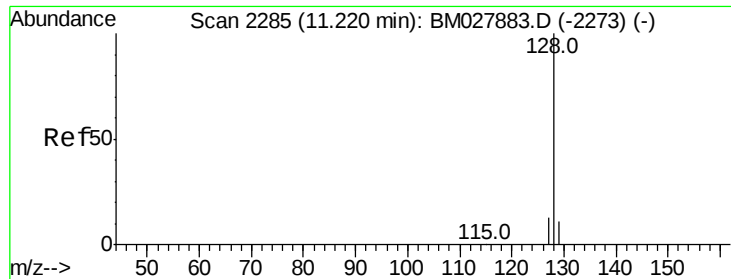
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.048 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

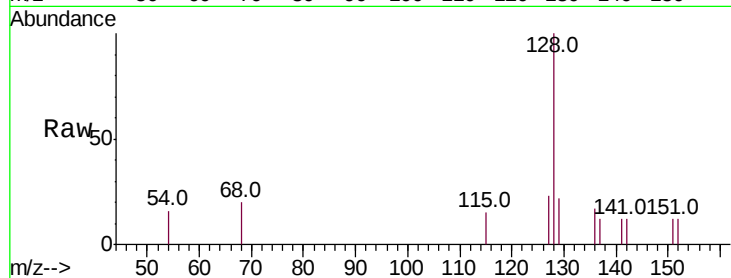
Tot Ion:128 Resp: 669

Ion Ratio Lower Upper

128 100

129 22.0 10.4 15.6#

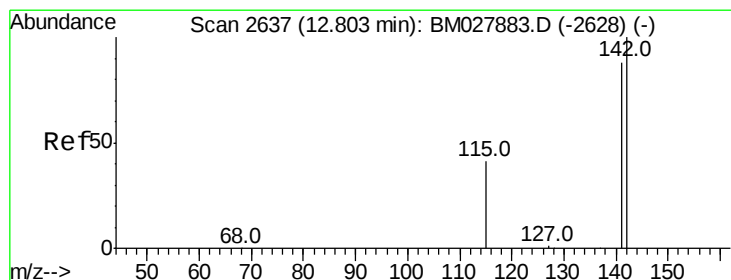
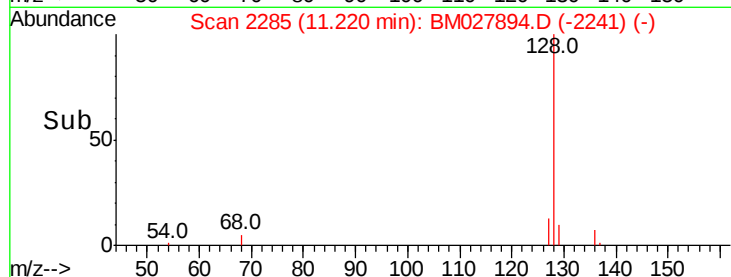
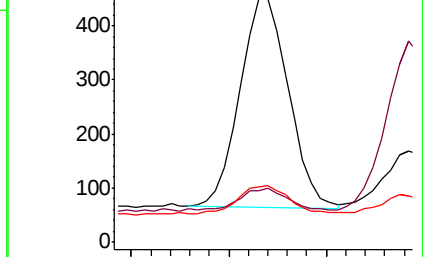
127 23.1 12.0 18.0#



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: 0.039 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027894.D

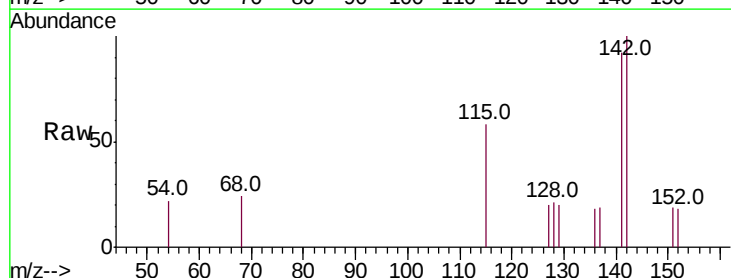
Acq: 21 Nov 2020 22:57

Tgt Ion:142 Resp: 377

Ion Ratio Lower Upper

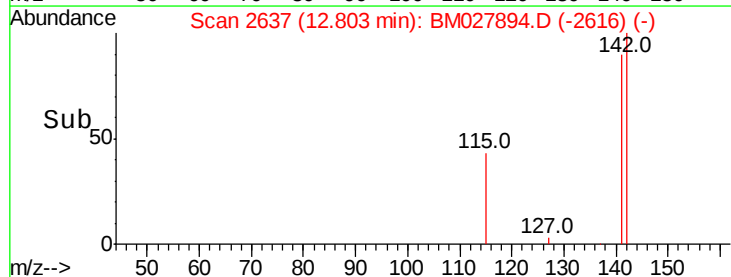
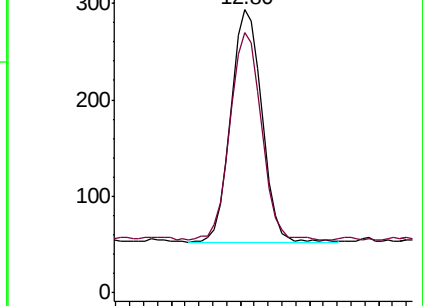
142 100

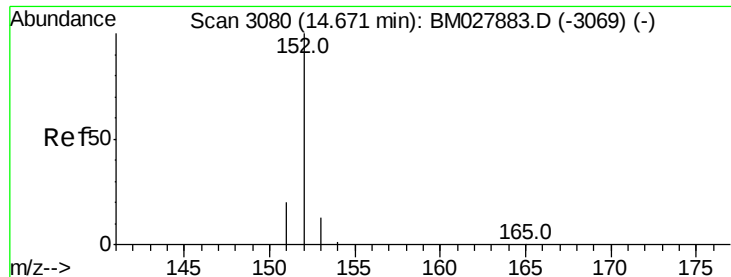
141 88.9 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.048 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

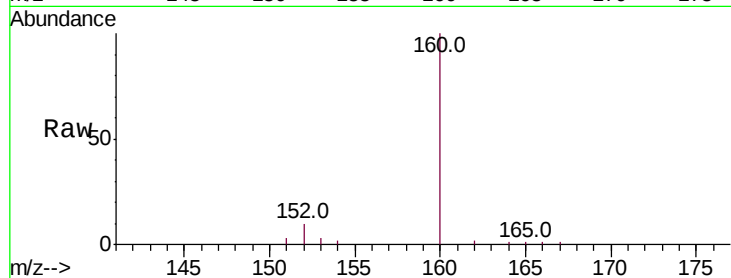
Tot Ion:152 Resp: 688

Ion Ratio Lower Upper

152 100

151 31.6 17.1 25.7#

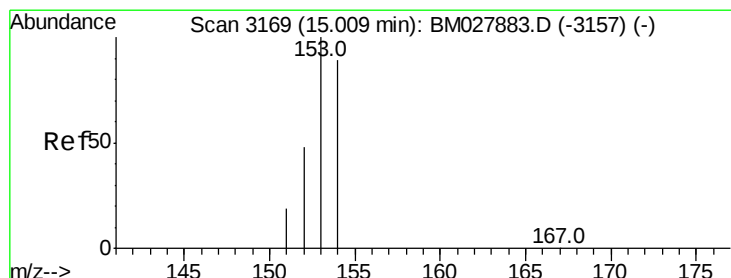
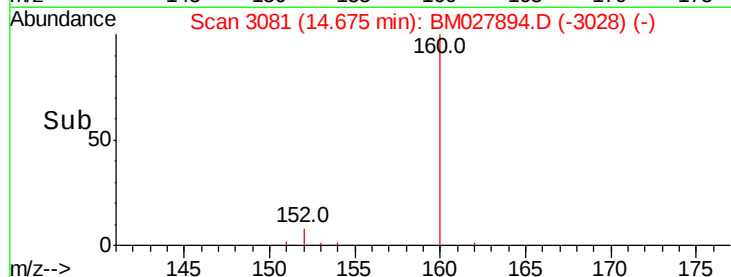
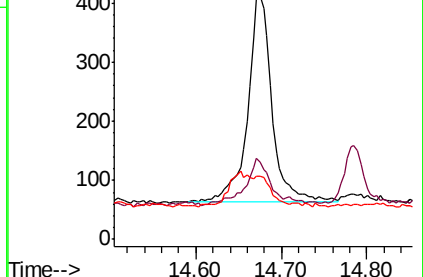
153 26.2 12.0 18.0#



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: 0.050 ng/ul

RT: 15.01 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

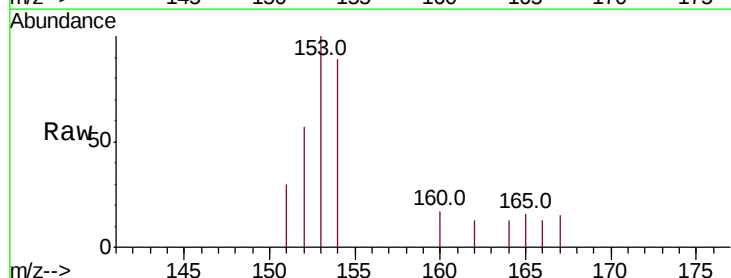
Tgt Ion:153 Resp: 539

Ion Ratio Lower Upper

153 100

152 56.6 39.0 58.6

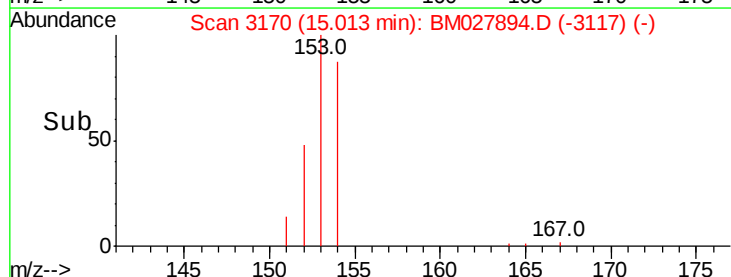
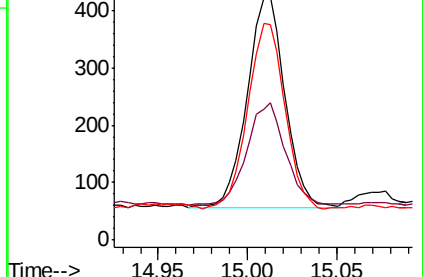
154 88.7 71.6 107.4

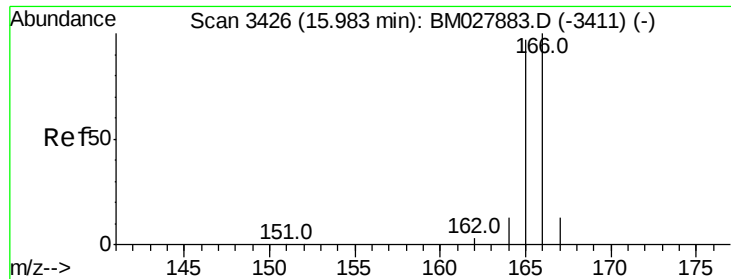


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.059 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

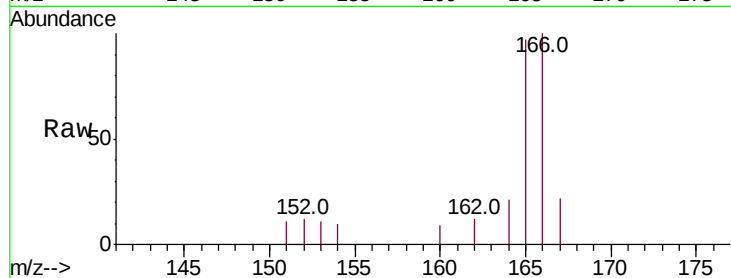
Tot Ion:166 Resp: 744

Ion Ratio Lower Upper

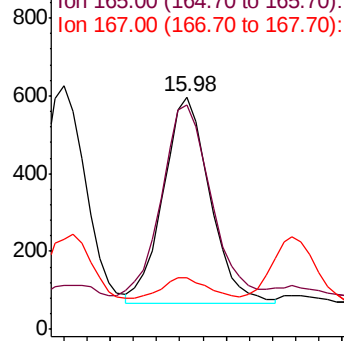
166 100

165 96.7 78.1 117.1

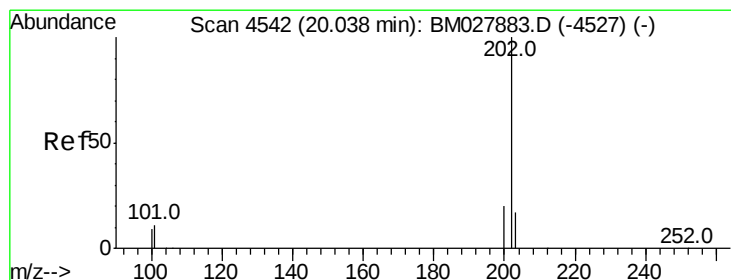
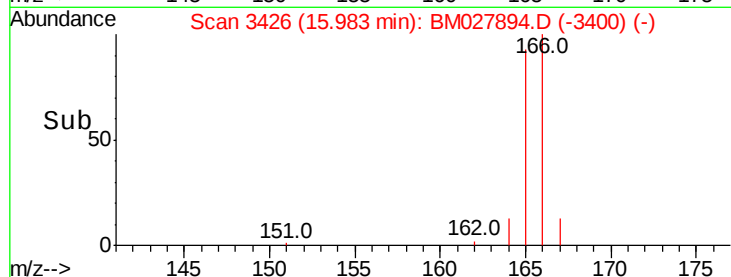
167 21.9 11.8 17.8#



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



Time-->



#17

Pyrene

Concen: 4.013 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

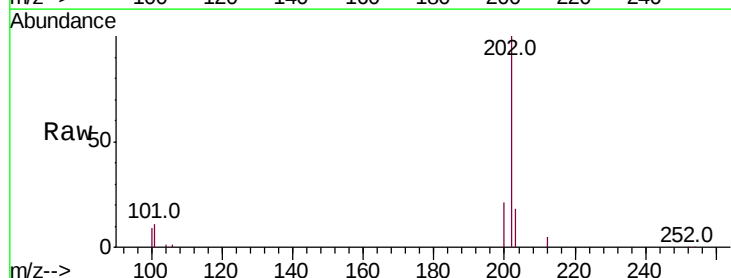
Tgt Ion:202 Resp: 59179

Ion Ratio Lower Upper

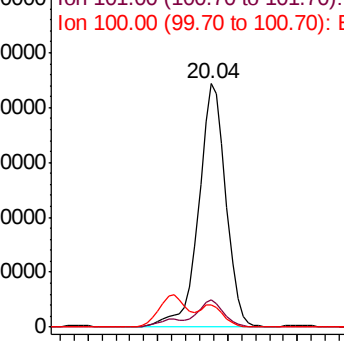
202 100

101 11.0 8.2 12.2

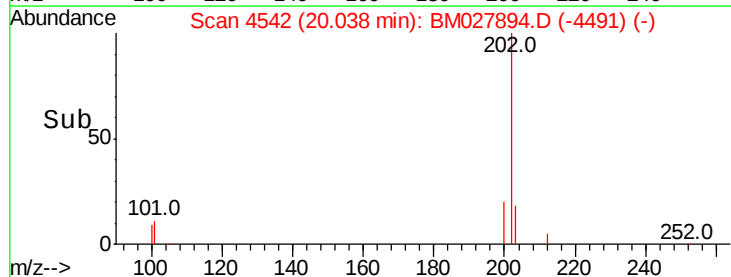
100 9.2 6.9 10.3

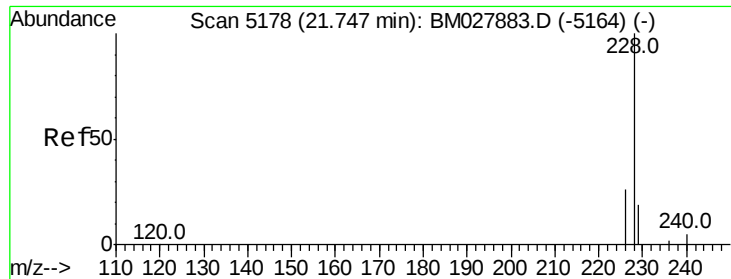


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->

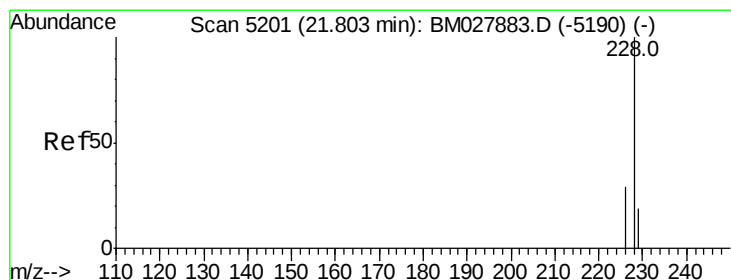
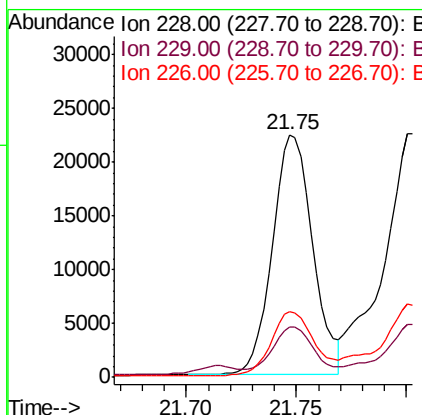
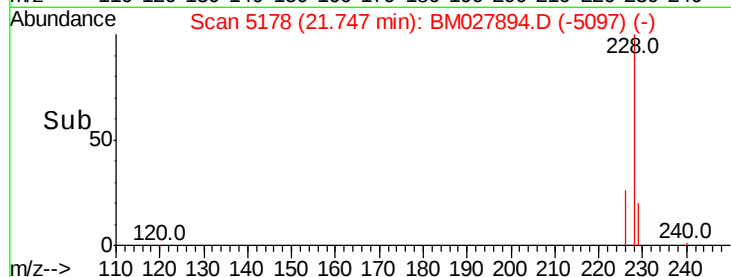
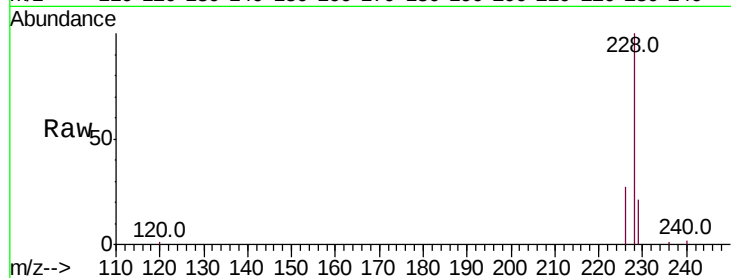




#18
Benzo(a)anthracene
Concen: 2.434 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

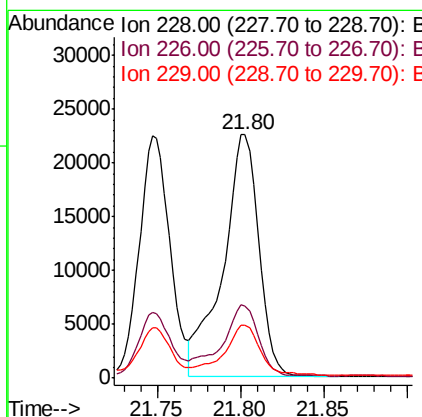
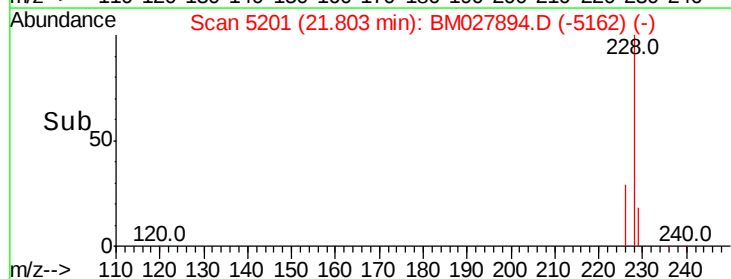
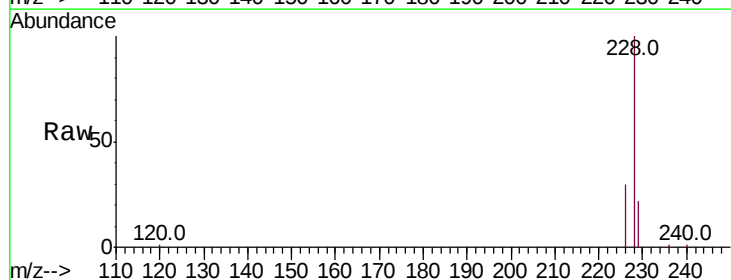
Instrument :
BNA_M
ClientSampleId :
C0B03

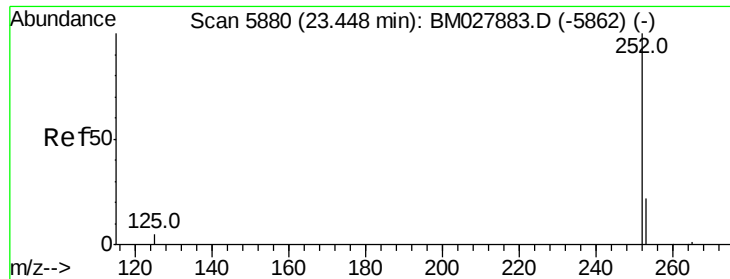
Tot Ion:228 Resp: 28520
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.4
226 27.1 21.5 32.3



#19
Chrysene
Concen: 2.940 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027894.D
Acq: 21 Nov 2020 22:57

Tgt Ion:228 Resp: 33553
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 22.0 16.6 24.8





#21

Benzo(b)fluoranthene

Concen: 5.079 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

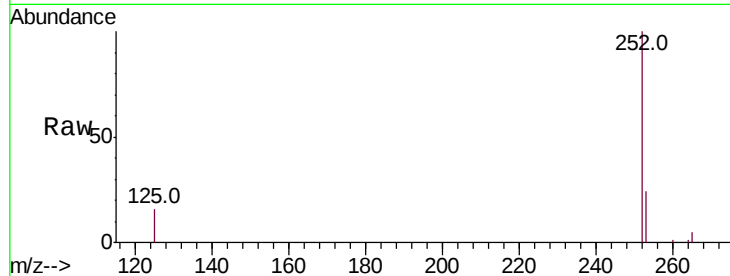
Tot Ion:252 Resp: 55156

Ion Ratio Lower Upper

252 100

253 24.1 0.0 59.6

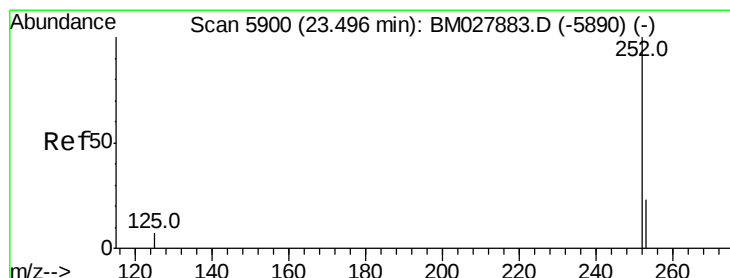
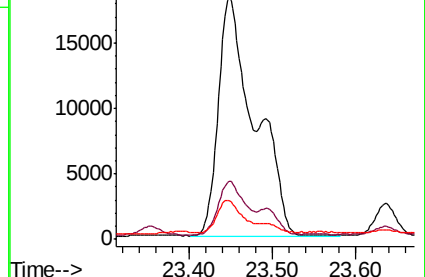
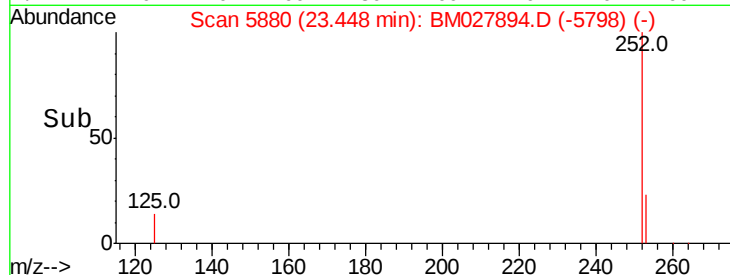
125 16.1 0.0 28.4



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: 5.185 ng/ul

RT: 23.45 min Scan# 5880

Delta R.T. -0.05 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

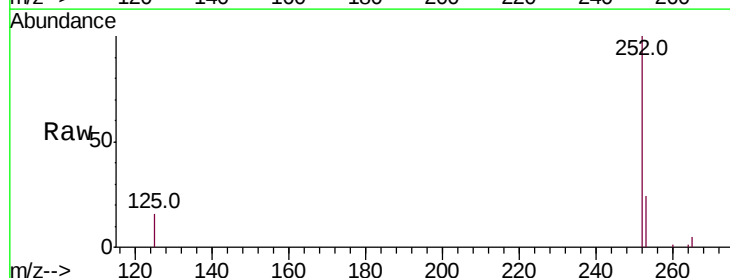
Tgt Ion:252 Resp: 55140

Ion Ratio Lower Upper

252 100

253 24.1 23.2 34.8

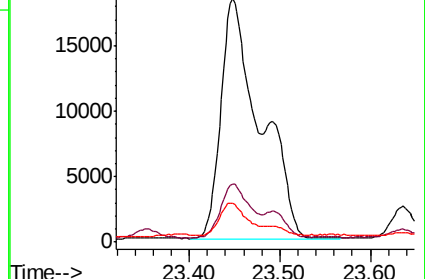
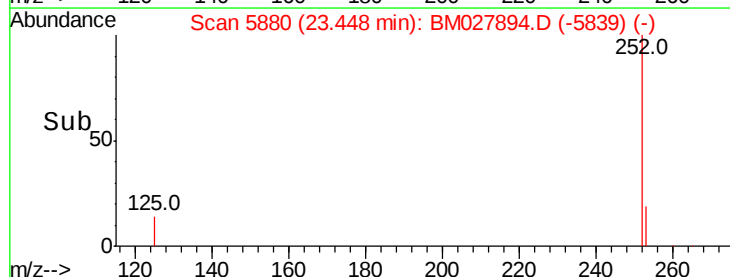
125 16.1 11.8 17.6

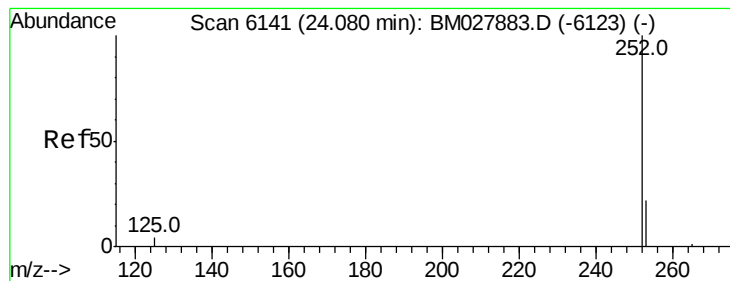


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.774 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. 0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

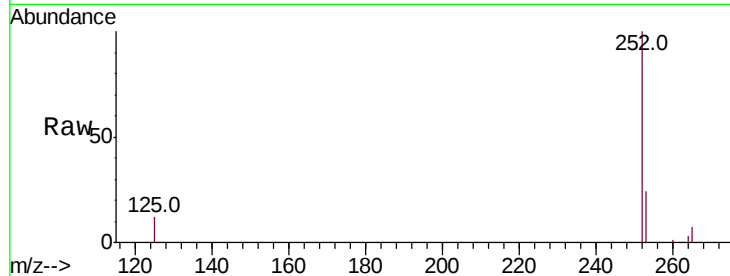
Tot Ion:252 Resp: 26339

Ion Ratio Lower Upper

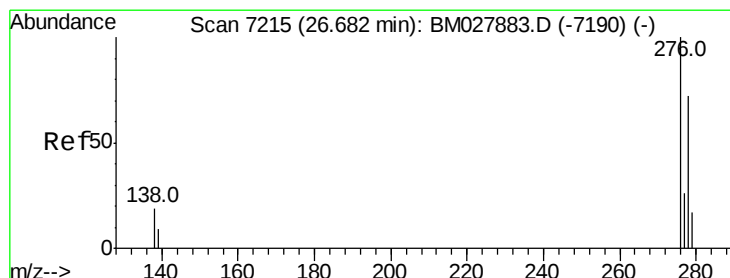
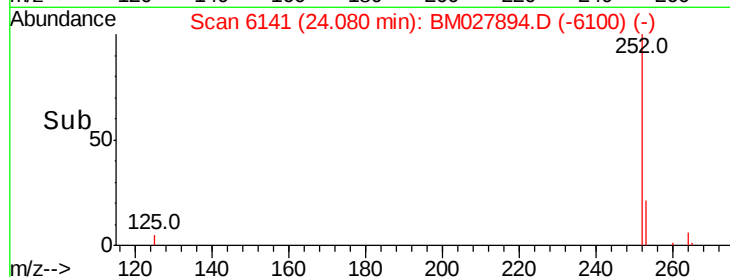
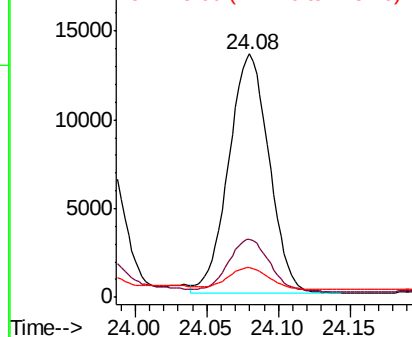
252 100

253 24.0 25.2 37.8#

125 12.1 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: 1.847 ng/ul

RT: 26.68 min Scan# 7214

Delta R.T. -0.01 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

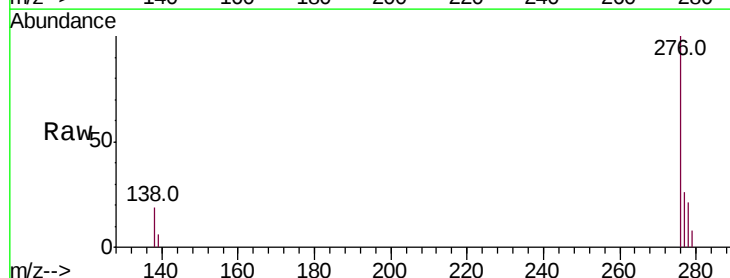
Tgt Ion:276 Resp: 18984

Ion Ratio Lower Upper

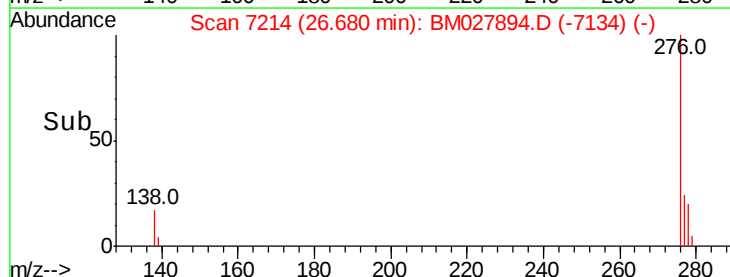
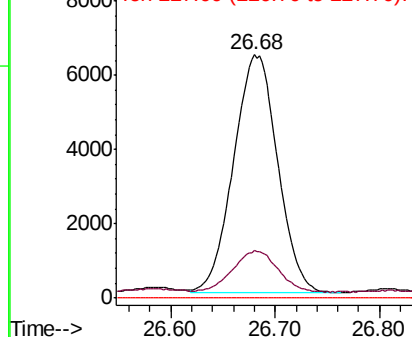
276 100

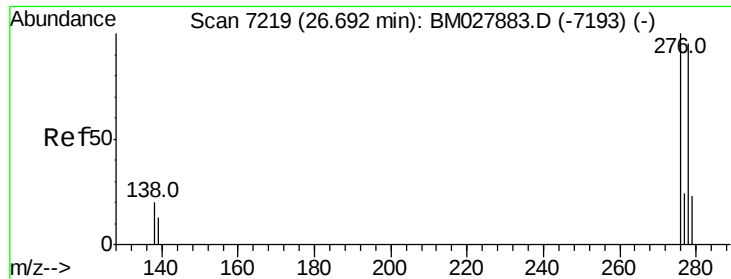
138 17.8 15.7 23.5

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: 0.556 ng/ul

RT: 26.69 min Scan# 7217

Delta R.T. -0.01 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

Instrument :

BNA_M

ClientSampleId :

C0B03

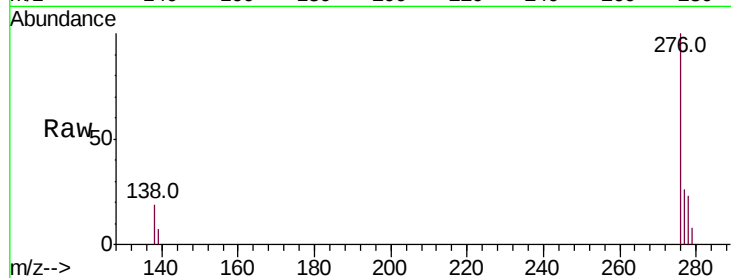
Tot Ion:278 Resp: 4757

Ion Ratio Lower Upper

278 100

139 31.6 14.8 22.2#

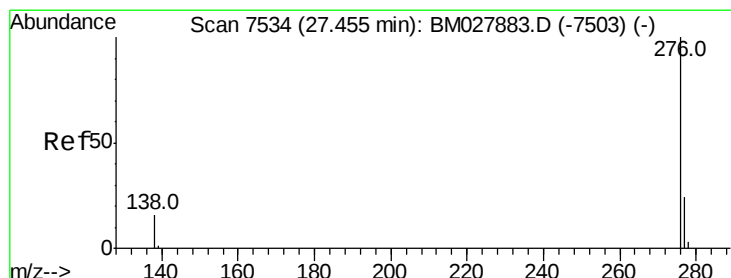
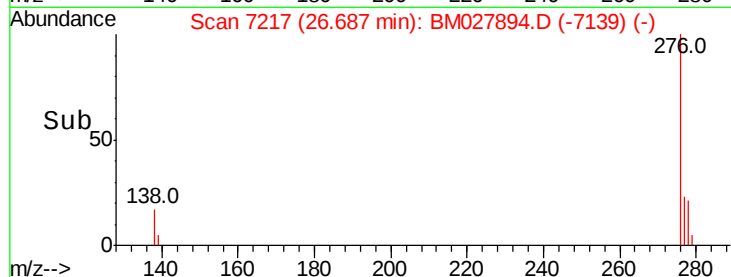
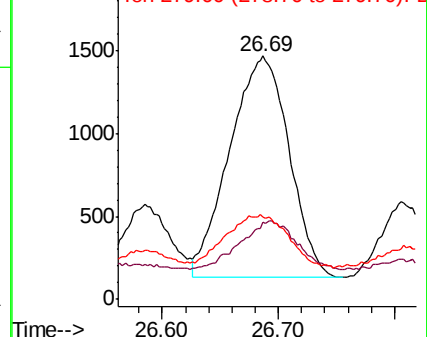
279 33.9 25.8 38.6



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: 2.137 ng/ul

RT: 27.46 min Scan# 7536

Delta R.T. -0.00 min

Lab File: BM027894.D

Acq: 21 Nov 2020 22:57

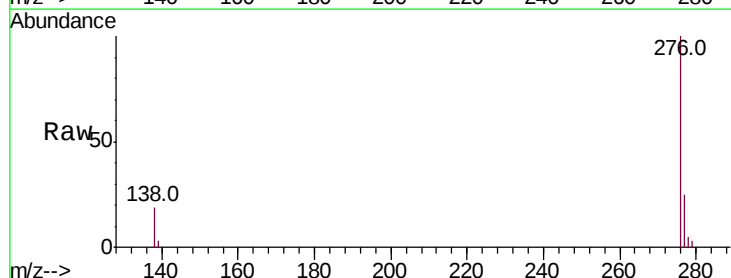
Tgt Ion:276 Resp: 18433

Ion Ratio Lower Upper

276 100

138 19.2 17.4 26.2

277 25.5 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

