

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027891.D
 Acq On : 21 Nov 2020 21:08
 Operator : JU/CG
 Sample : L4711-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B36

Quant Time: Nov 23 04:07:10 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

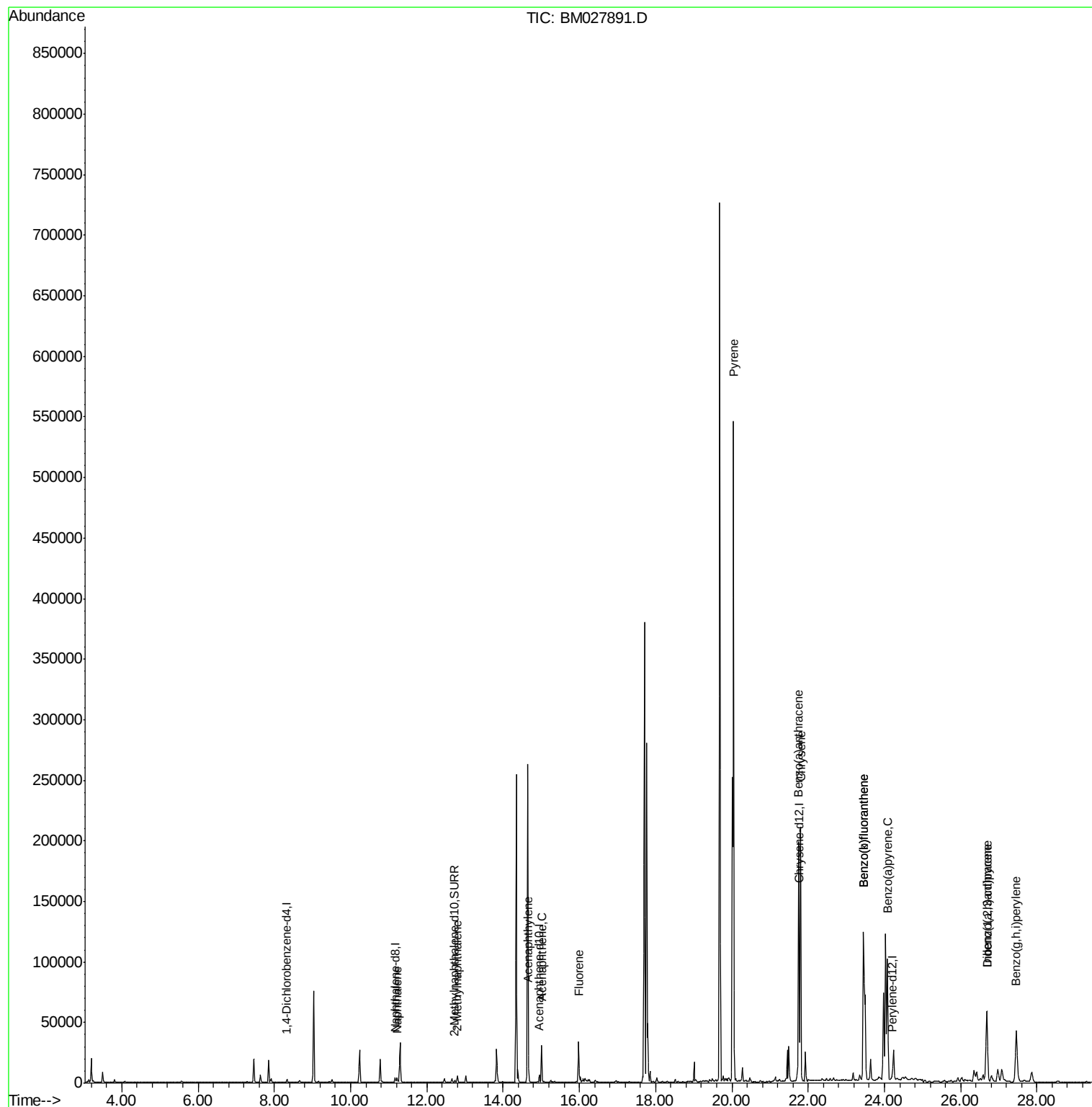
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1334	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5334	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3334	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.77	240	3272	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2960	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2051	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3138	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	5105	0.319	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	3618	0.333	ng/ul	99
7) Acenaphthylene	14.67	152	5230	0.321	ng/ul	99
8) Acenaphthene	15.01	153	17136	1.406	ng/ul	98
9) Fluorene	15.98	166	20913	1.479	ng/ul	98
17) Pyrene	20.04	202	449673	27.060	ng/ul	99
18) Benzo(a)anthracene	21.75	228	175731	13.311	ng/ul	100
19) Chrysene	21.80	228	198571	15.442	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	302919	24.351	ng/ul	88
22) Benzo(k)fluoranthene	23.45	252	302916	24.865	ng/ul#	88
23) Benzo(a)pyrene	24.08	252	146305	13.451	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	101131	8.588	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	26082	2.660	ng/ul	92
26) Benzo(g,h,i)perylene	27.46	276	95917	9.708	ng/ul#	92

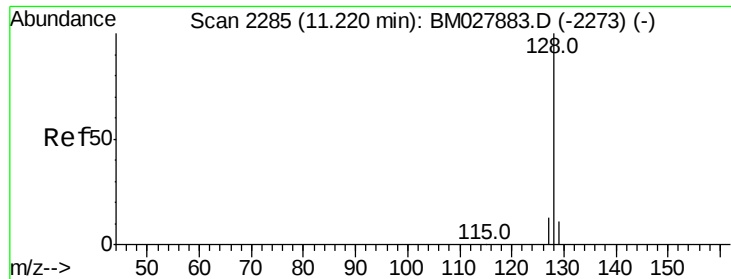
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.319 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

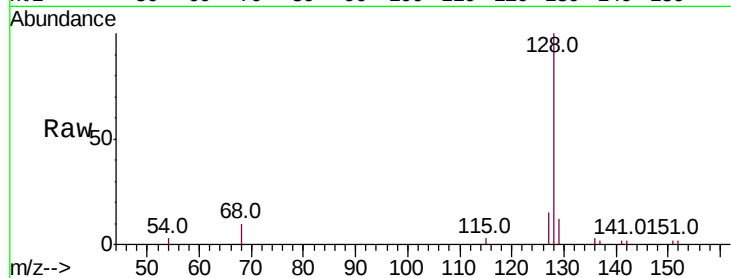
Tot Ion:128 Resp: 5105

Ion Ratio Lower Upper

128 100

129 12.3 10.4 15.6

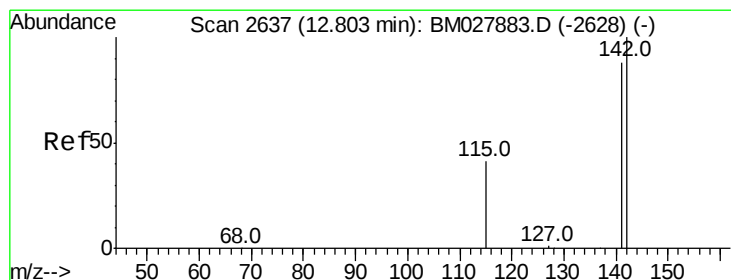
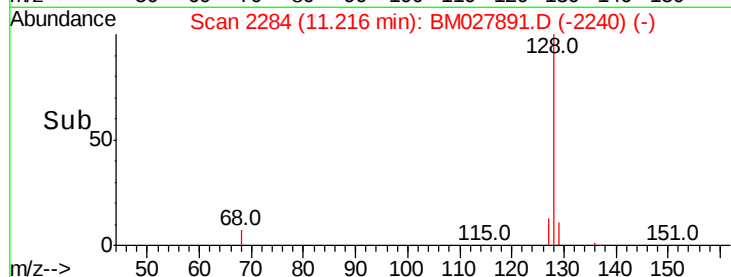
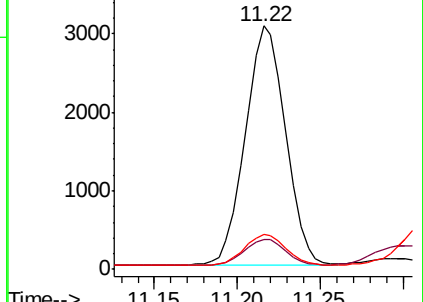
127 14.5 12.0 18.0



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: 0.333 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027891.D

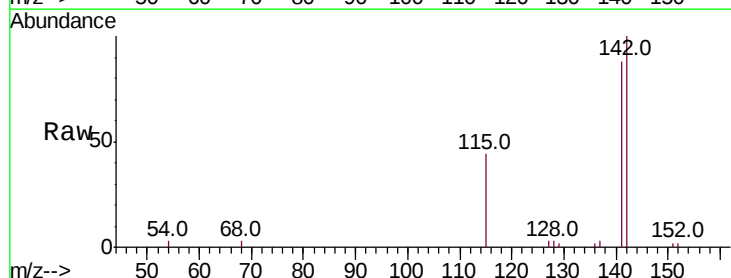
Acq: 21 Nov 2020 21:08

Tgt Ion:142 Resp: 3618

Ion Ratio Lower Upper

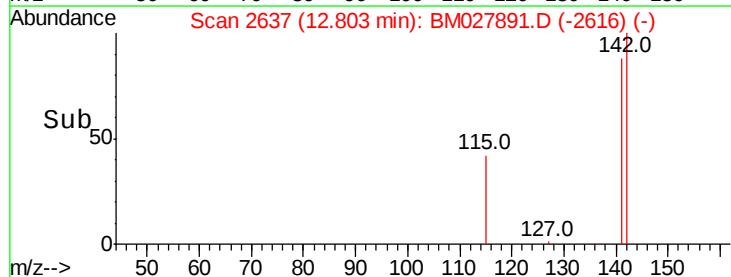
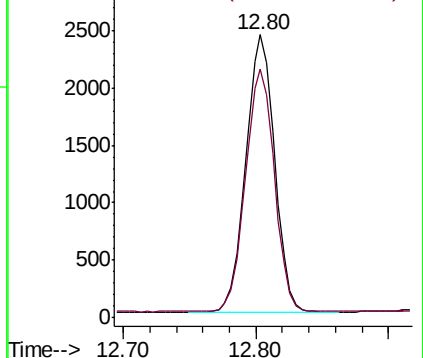
142 100

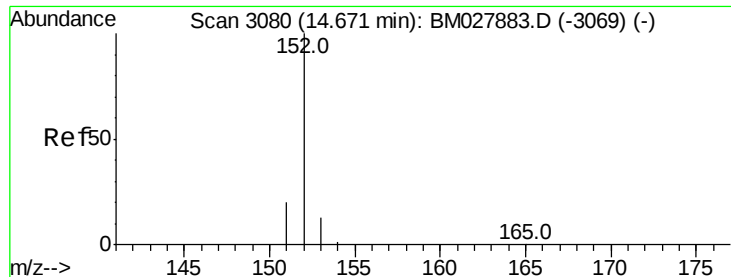
141 88.1 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.321 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

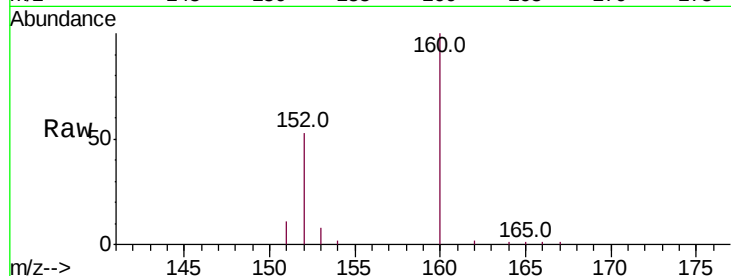
Tot Ion:152 Resp: 5230

Ion Ratio Lower Upper

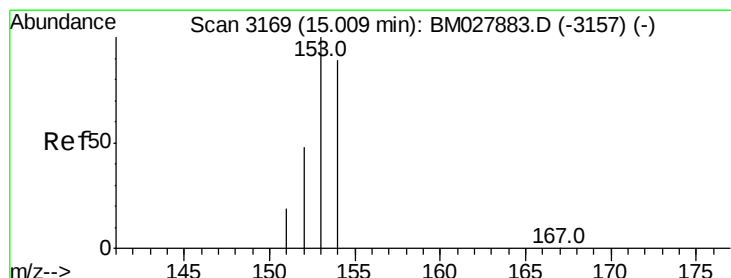
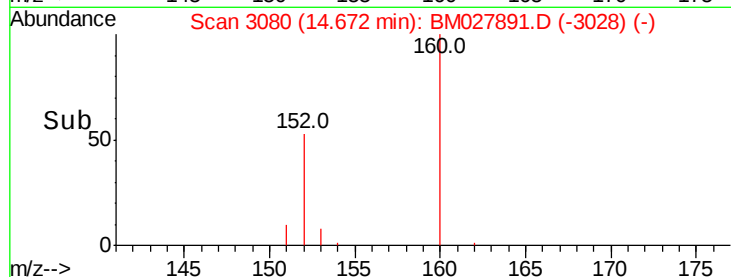
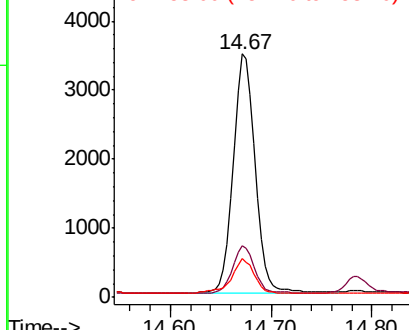
152 100

151 21.2 17.1 25.7

153 15.8 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: 1.406 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

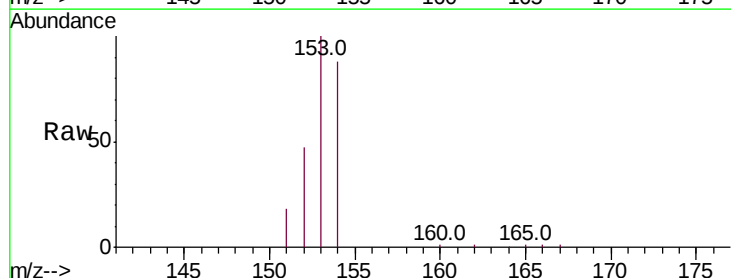
Tgt Ion:153 Resp: 17136

Ion Ratio Lower Upper

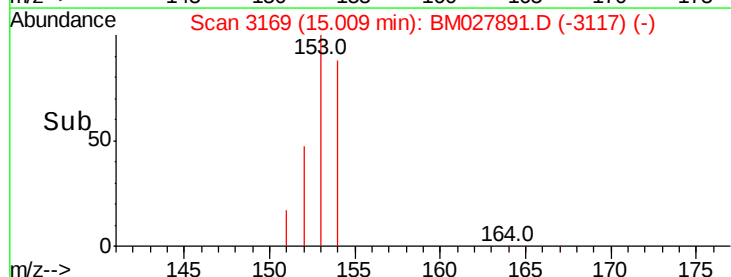
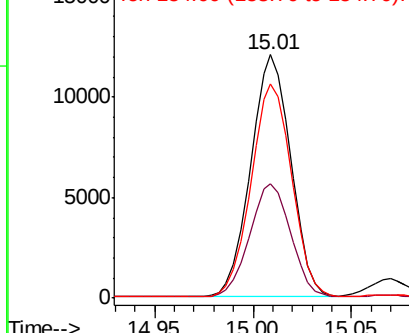
153 100

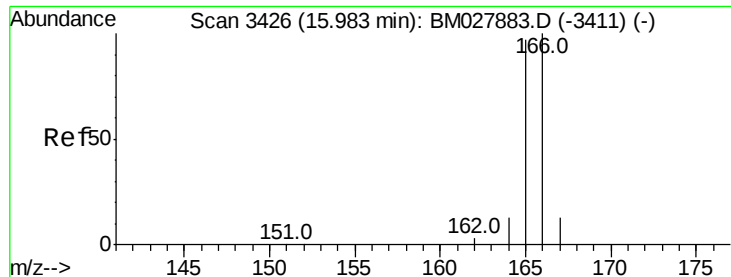
152 47.1 39.0 58.6

154 88.1 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: 1.479 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. 0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

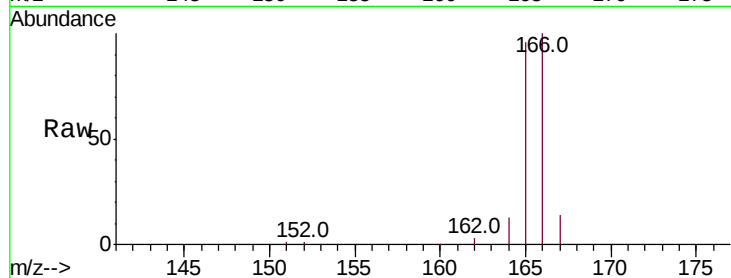
Tot Ion:166 Resp: 20913

Ion Ratio Lower Upper

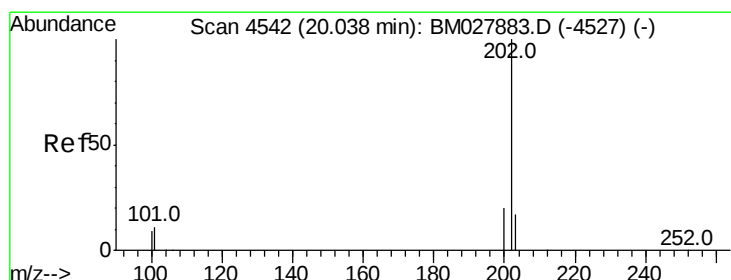
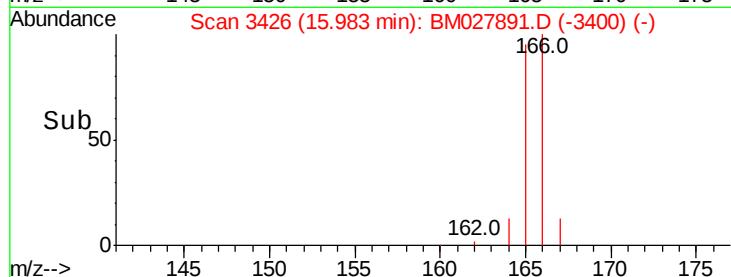
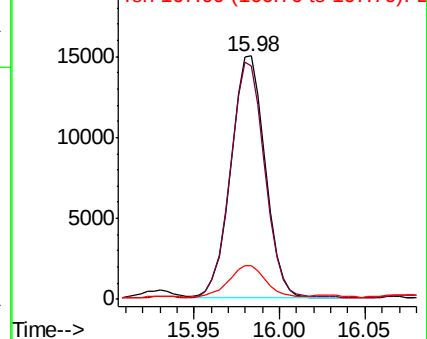
166 100

165 95.8 78.1 117.1

167 13.9 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



#17

Pyrene

Concen: 27.060 ng/ul

RT: 20.04 min Scan# 4543

Delta R.T. 0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

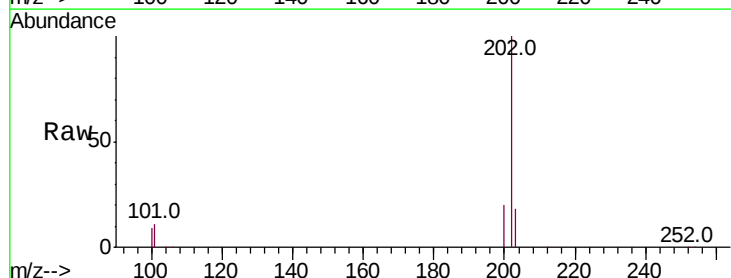
Tgt Ion:202 Resp: 449673

Ion Ratio Lower Upper

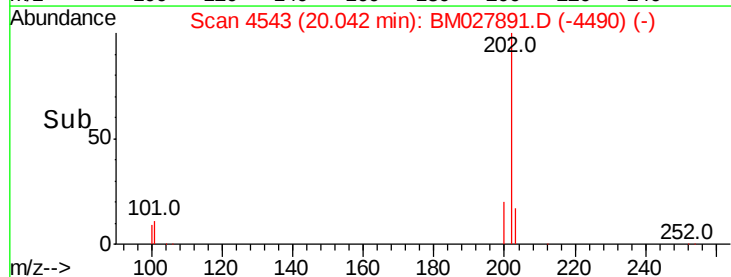
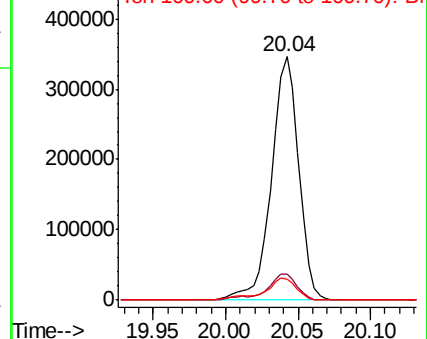
202 100

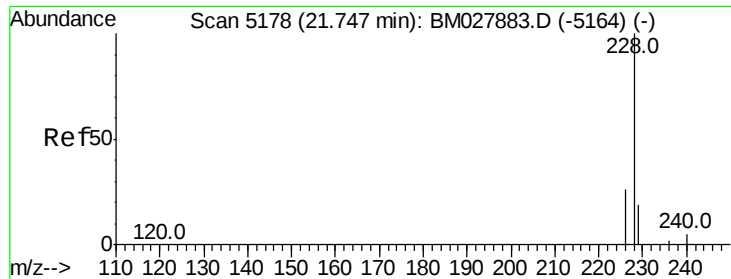
101 10.6 8.2 12.2

100 8.8 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: 13.311 ng/ul

RT: 21.75 min Scan# 5179

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

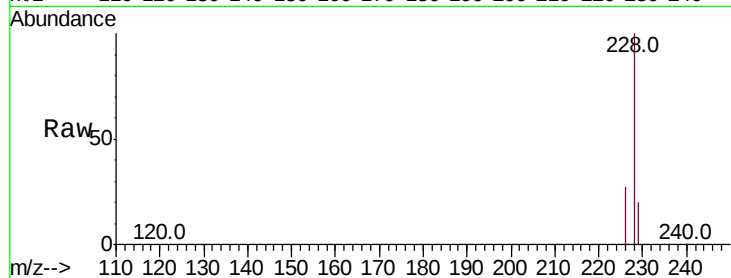
Tot Ion:228 Resp: 175731

Ion Ratio Lower Upper

228 100

229 20.4 16.2 24.4

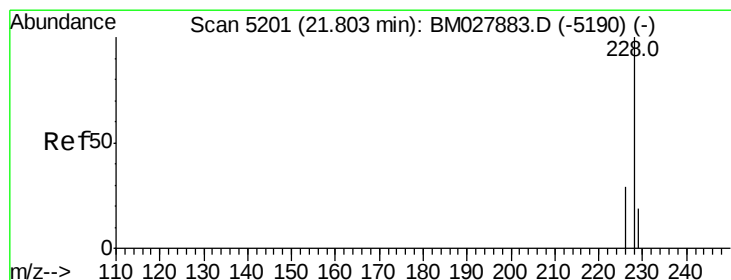
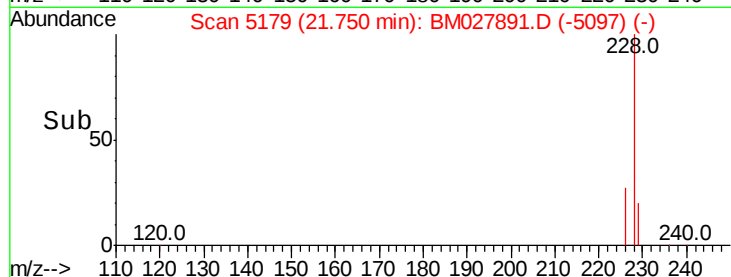
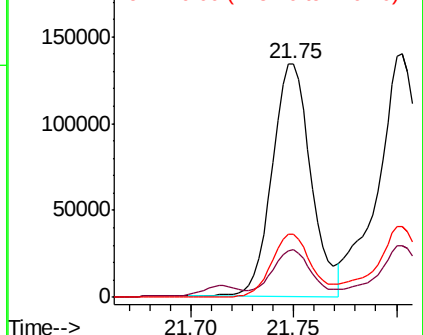
226 26.7 21.5 32.3



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: 15.442 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

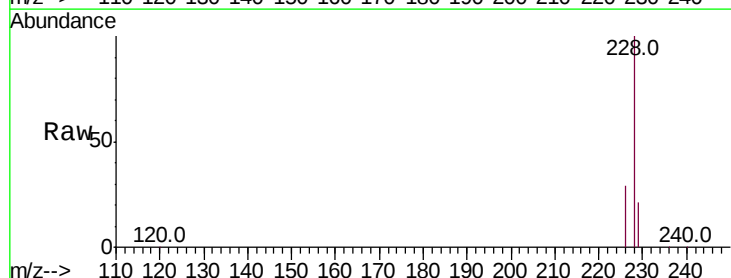
Tgt Ion:228 Resp: 198571

Ion Ratio Lower Upper

228 100

226 29.3 24.1 36.1

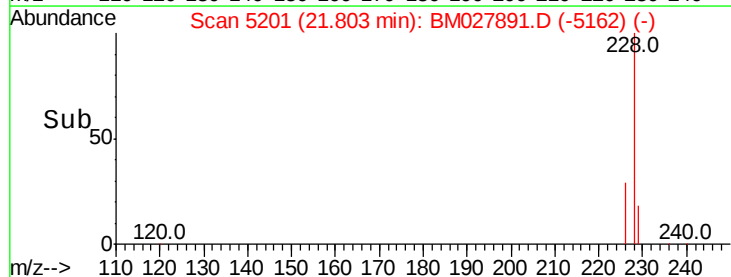
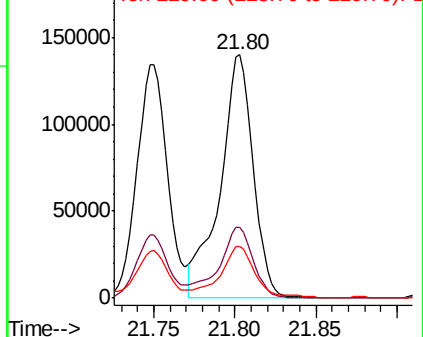
229 21.4 16.6 24.8

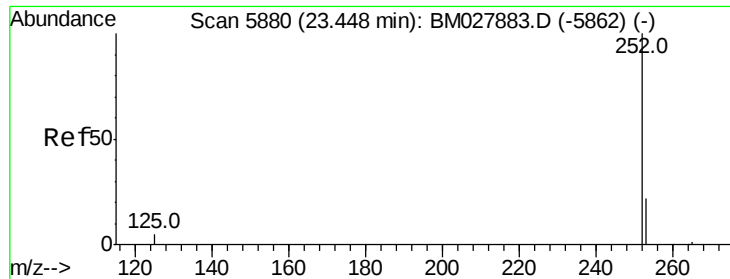


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 24.351 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

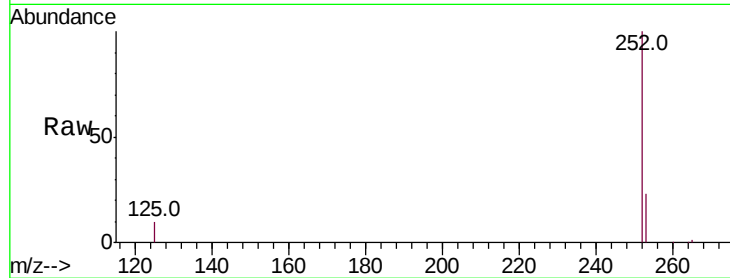
Tot Ion:252 Resp: 302919

Ion Ratio Lower Upper

252 100

253 22.7 0.0 59.6

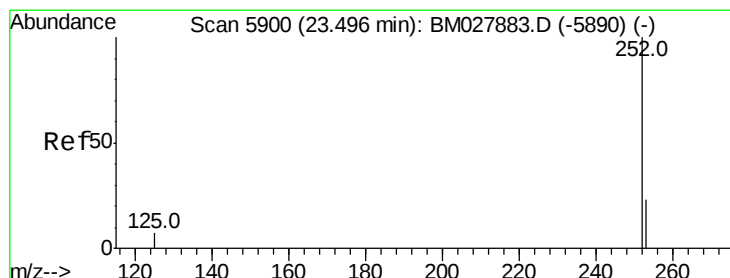
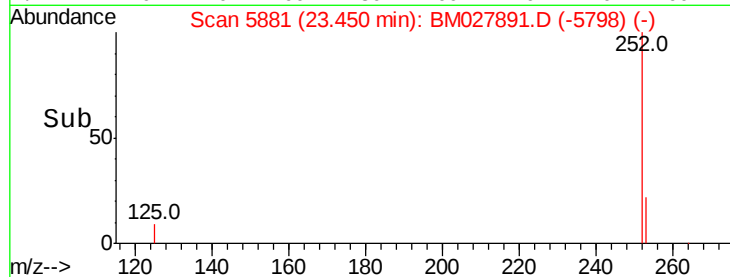
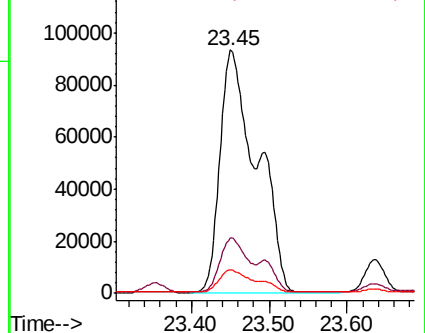
125 9.7 0.0 28.4



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: 24.865 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.05 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

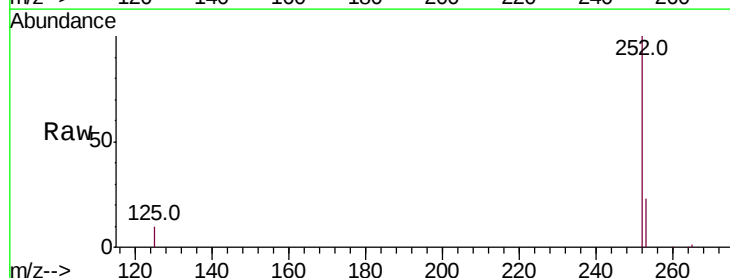
Tgt Ion:252 Resp: 302916

Ion Ratio Lower Upper

252 100

253 22.7 23.2 34.8#

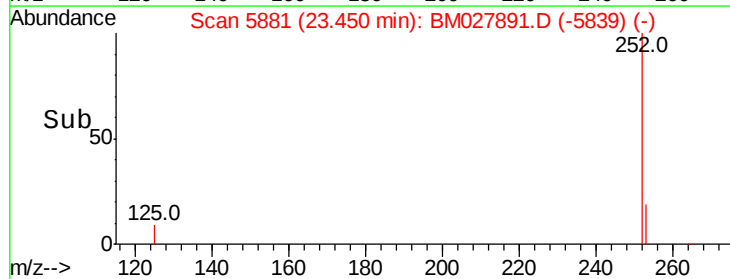
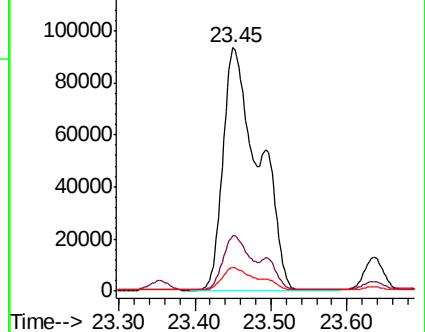
125 9.7 11.8 17.6#

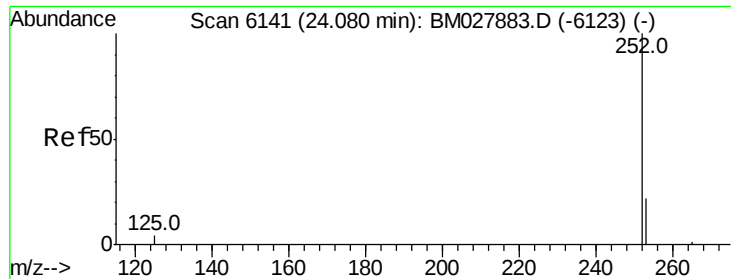


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 13.451 ng/ul

RT: 24.08 min Scan# 6141

Delta R.T. 0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

Instrument :

BNA_M

ClientSampleId :

C0B36

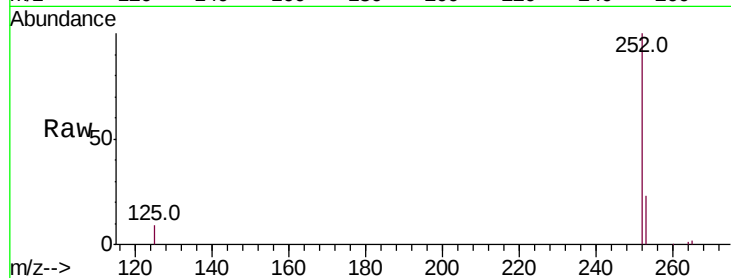
Tot Ion:252 Resp: 146305

Ion Ratio Lower Upper

252 100

253 22.7 25.2 37.8#

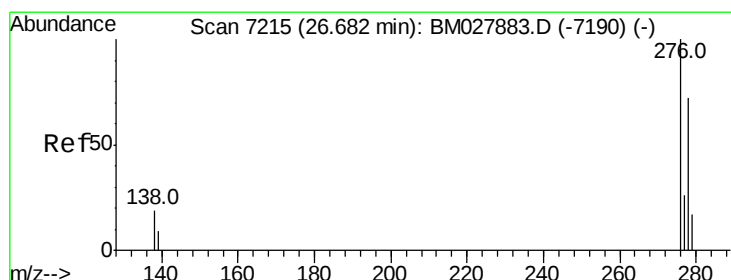
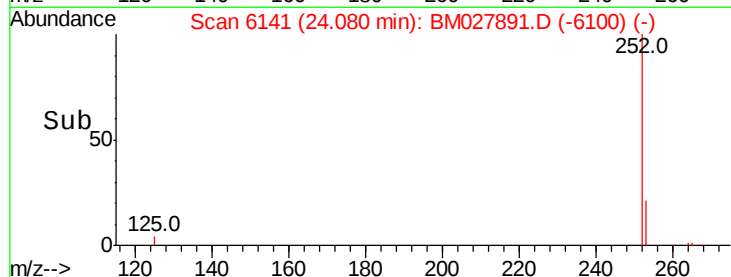
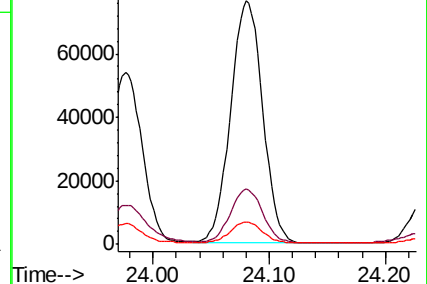
125 9.2 13.8 20.6#



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: 8.588 ng/ul

RT: 26.68 min Scan# 7216

Delta R.T. -0.00 min

Lab File: BM027891.D

Acq: 21 Nov 2020 21:08

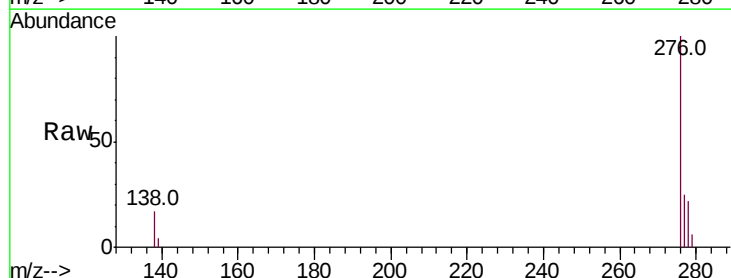
Tgt Ion:276 Resp: 101131

Ion Ratio Lower Upper

276 100

138 17.1 15.7 23.5

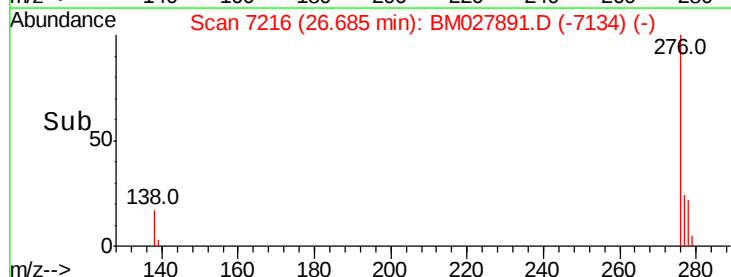
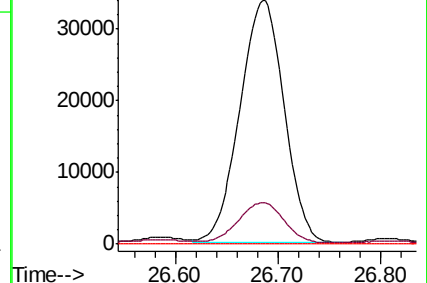
227 0.0 0.0 0.0

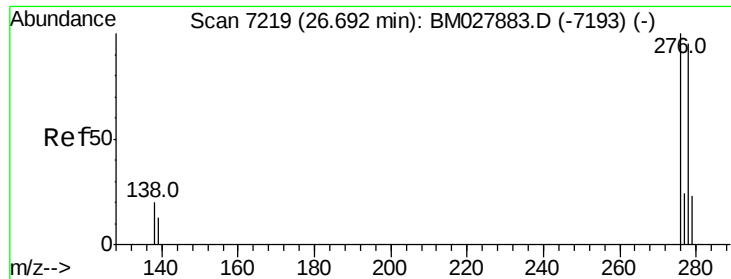


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

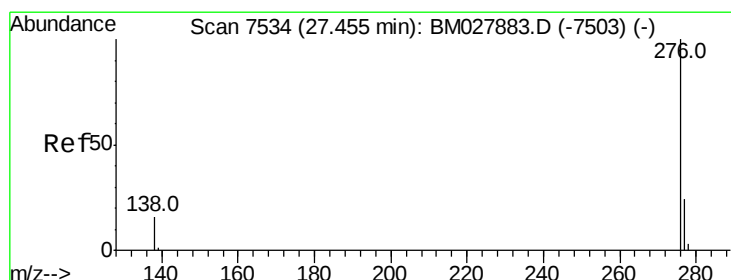
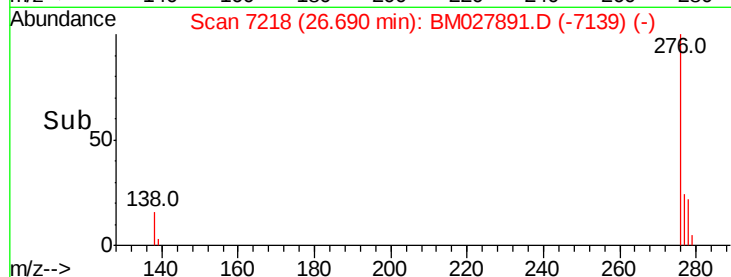
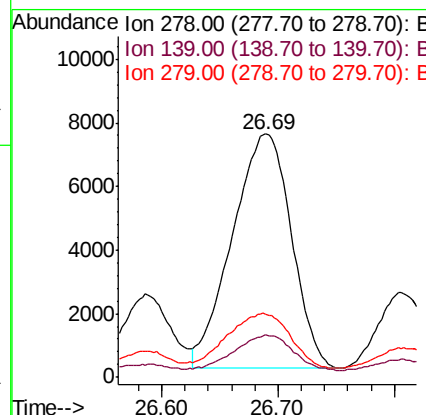
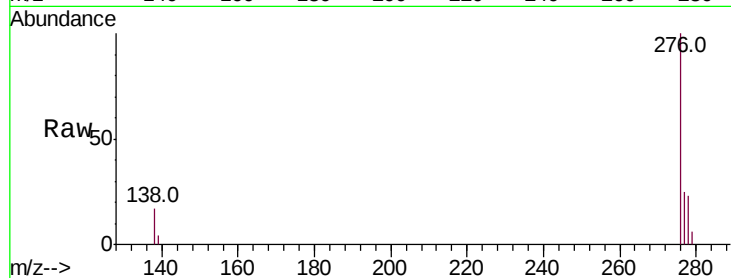




#25
Dibenzo(a,h)anthracene
Concen: 2.660 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027891.D
Acq: 21 Nov 2020 21:08

Instrument :
BNA_M
ClientSampleId :
C0B36

Tot Ion:278 Resp: 26082
Ion Ratio Lower Upper
278 100
139 17.5 14.8 22.2
279 25.9 25.8 38.6



#26
Benzo(g,h,i)perylene
Concen: 9.708 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027891.D
Acq: 21 Nov 2020 21:08

Tgt Ion:276 Resp: 95917
Ion Ratio Lower Upper
276 100
138 17.4 17.4 26.2#
277 24.1 22.5 33.7

