

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027889.D
 Acq On : 21 Nov 2020 19:55
 Operator : JU/CG
 Sample : L4711-20
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B05

Quant Time: Nov 23 04:06:55 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

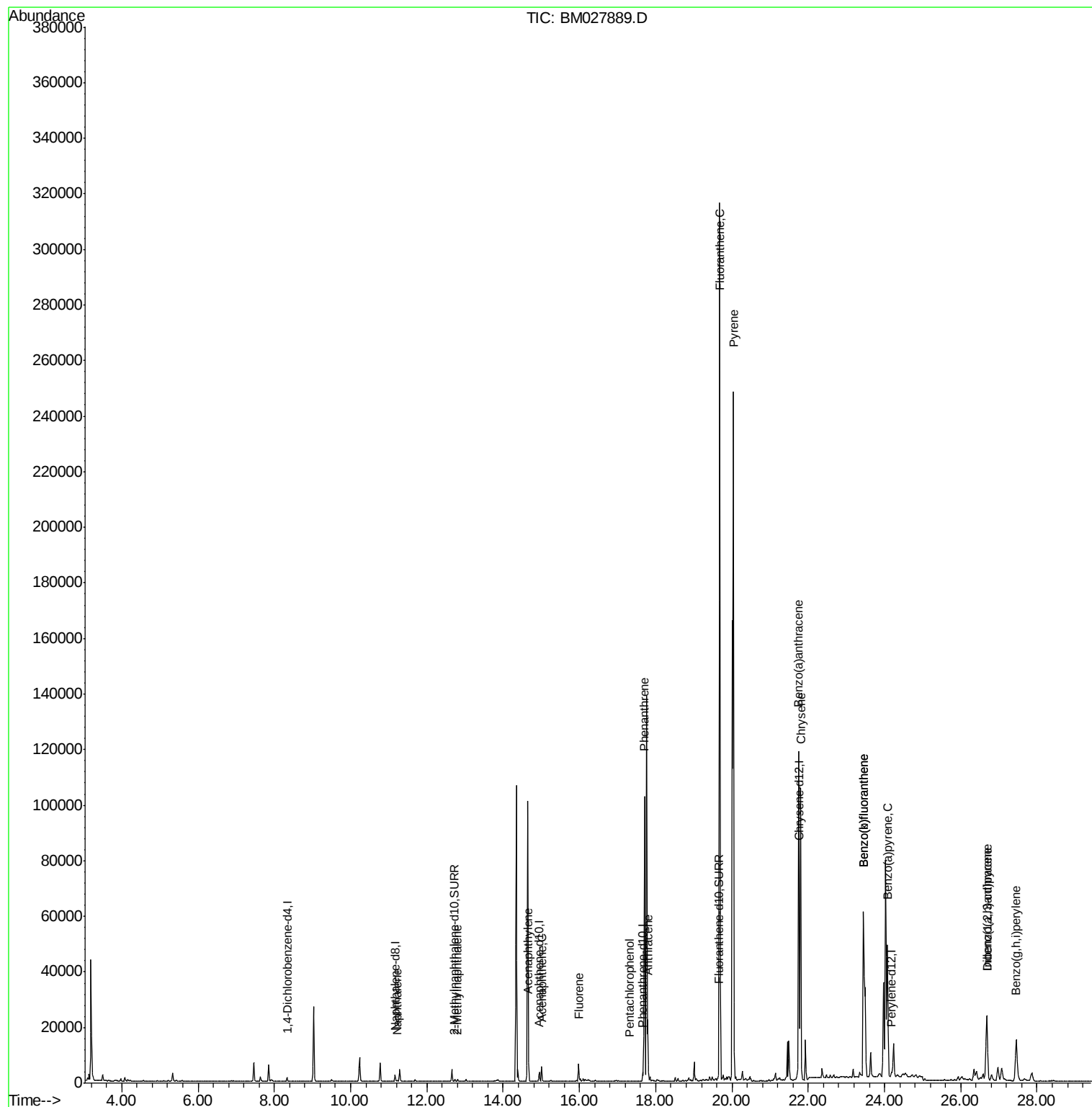
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	702	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	2932	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1923	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4058	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2981	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2471	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	708	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1925	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	637	0.072	ng/ul#	77
5) 2-Methylnaphthalene	12.80	142	475	0.079	ng/ul	99
7) Acenaphthylene	14.67	152	687	0.073	ng/ul#	78
8) Acenaphthene	15.01	153	2960	0.421	ng/ul	99
9) Fluorene	15.98	166	3769	0.462	ng/ul	99
11) Pentachlorophenol	17.30	266	102	0.074	ng/ul	87
12) Phenanthrene	17.70	178	106088	8.276	ng/ul	97
13) Anthracene	17.79	178	22488	1.819	ng/ul	99
15) Fluoranthene	19.68	202	264289	18.594	ng/ul	99
17) Pyrene	20.04	202	211974	14.001	ng/ul	98
18) Benzo(a)anthracene	21.75	228	99462	8.270	ng/ul	100
19) Chrysene	21.80	228	102495	8.749	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	143645	13.832	ng/ul	89
22) Benzo(k)fluoranthene	23.45	252	143575	14.118	ng/ul#	89
23) Benzo(a)pyrene	24.08	252	68898	7.588	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.69	276	41115	4.182	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	10751	1.313	ng/ul	94
26) Benzo(g,h,i)perylene	27.46	276	33863	4.106	ng/ul	93

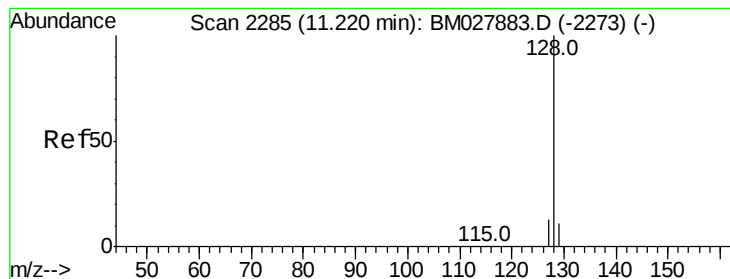
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.072 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

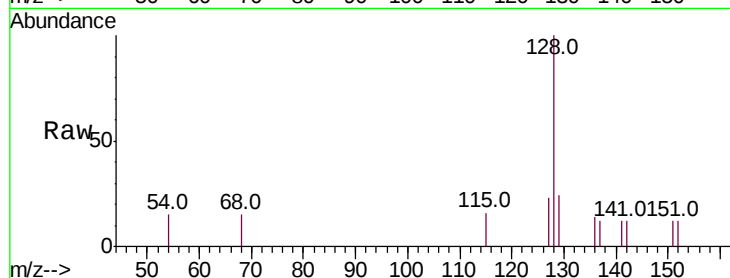
Tot Ion:128 Resp: 637

Ion Ratio Lower Upper

128 100

129 23.8 10.4 15.6#

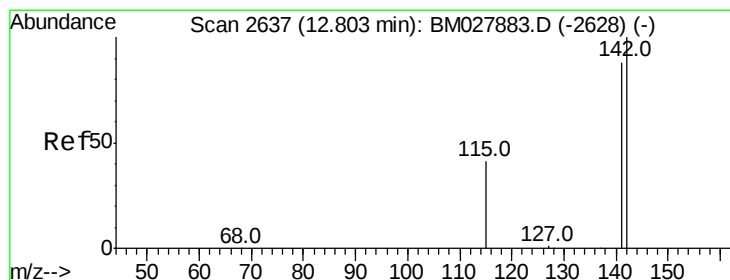
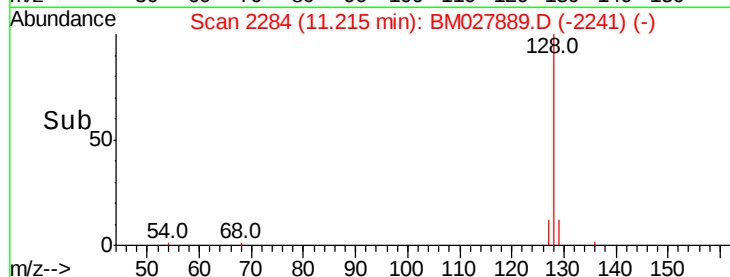
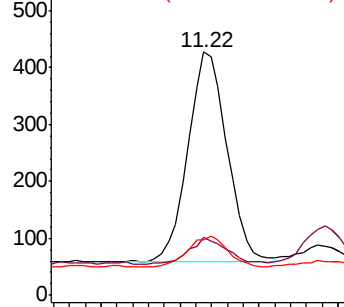
127 22.7 12.0 18.0#



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: 0.079 ng/ul

RT: 12.80 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BM027889.D

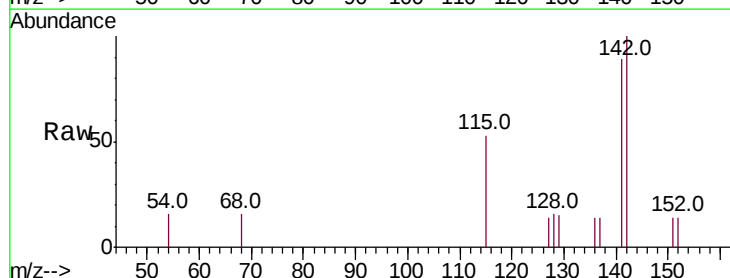
Acq: 21 Nov 2020 19:55

Tgt Ion:142 Resp: 475

Ion Ratio Lower Upper

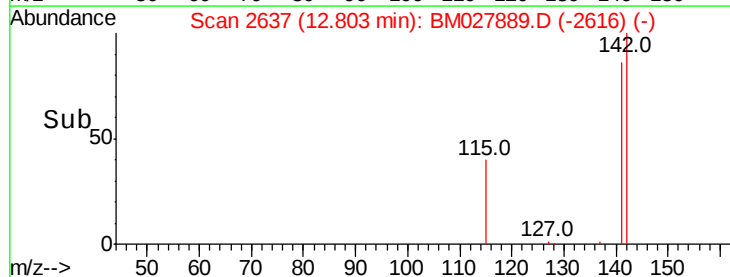
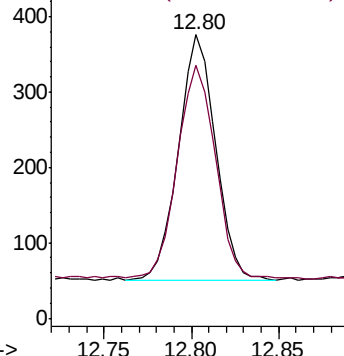
142 100

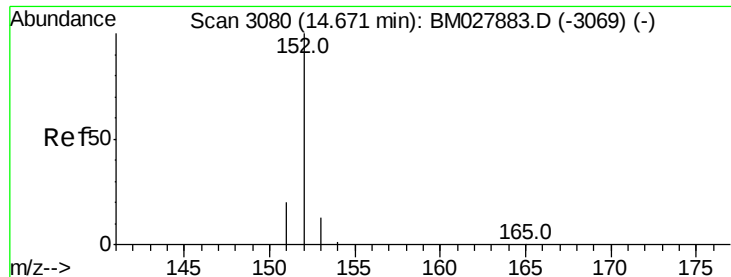
141 90.7 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.073 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

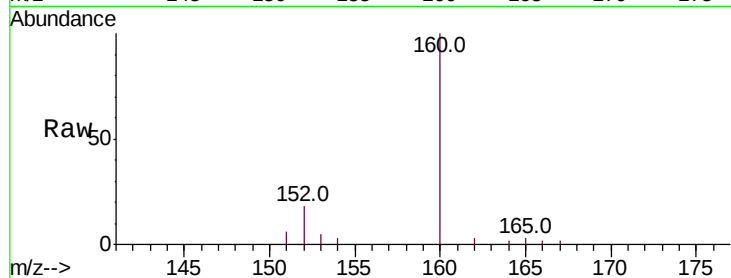
Tot Ion:152 Resp: 687

Ion Ratio Lower Upper

152 100

151 30.5 17.1 25.7#

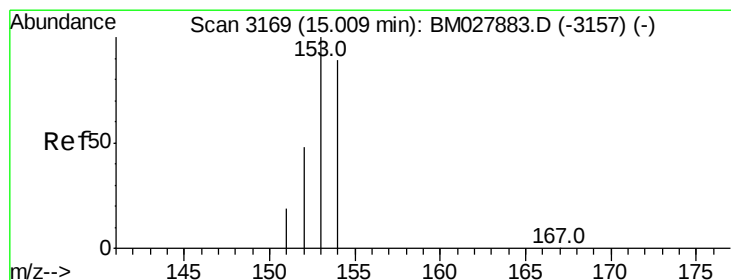
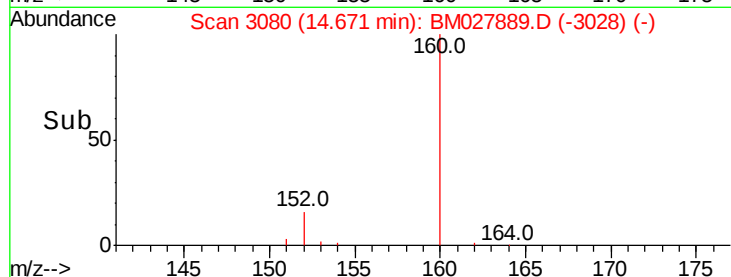
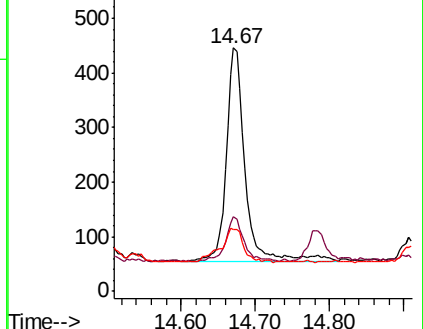
153 25.6 12.0 18.0#



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: 0.421 ng/ul

RT: 15.01 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

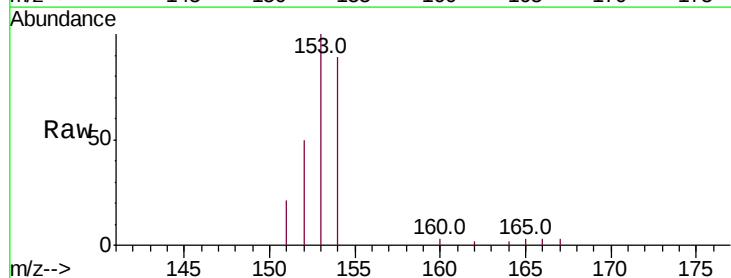
Tgt Ion:153 Resp: 2960

Ion Ratio Lower Upper

153 100

152 50.5 39.0 58.6

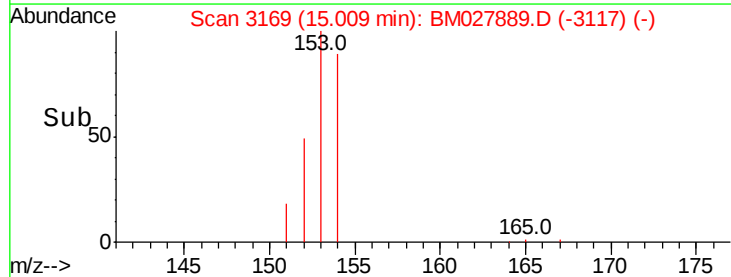
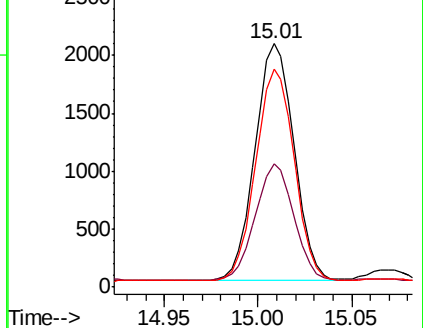
154 89.5 71.6 107.4

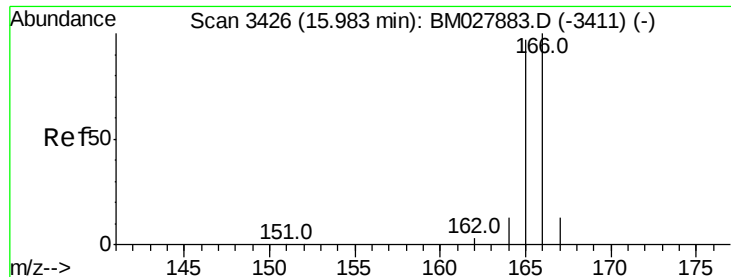


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



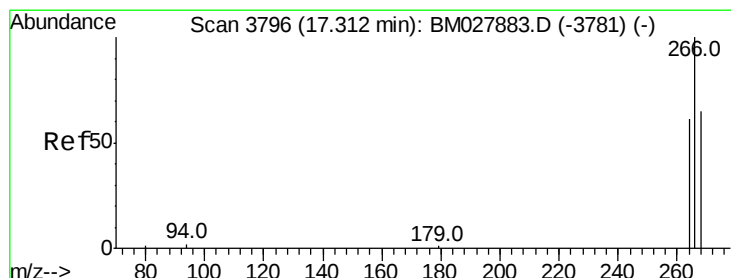
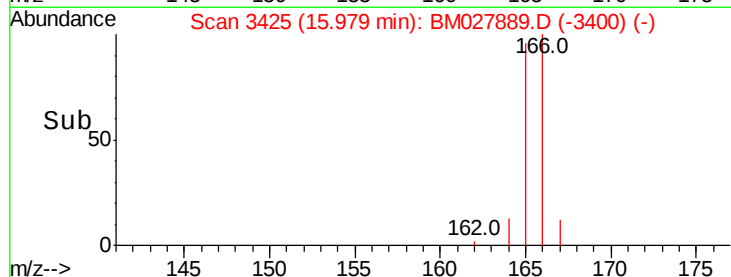
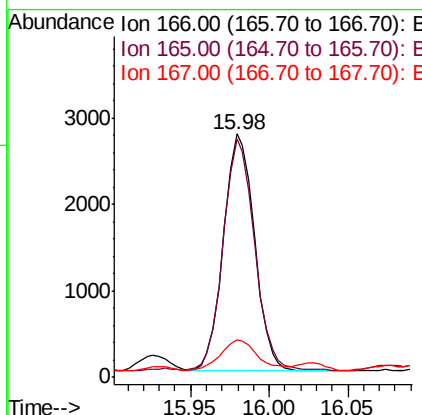
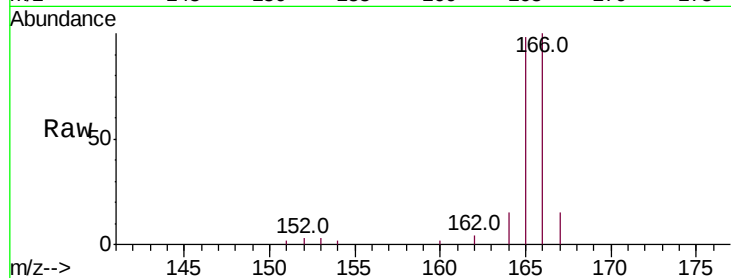


#9
Fluorene
 Concen: 0.462 ng/ul
 RT: 15.98 min Scan# 3425
 Delta R.T. -0.00 min
 Lab File: BM027889.D
 Acq: 21 Nov 2020 19:55

Instrument :
 BNA_M
 ClientSampleId :
 C0B05

Tot Ion:166 Resp: 3769

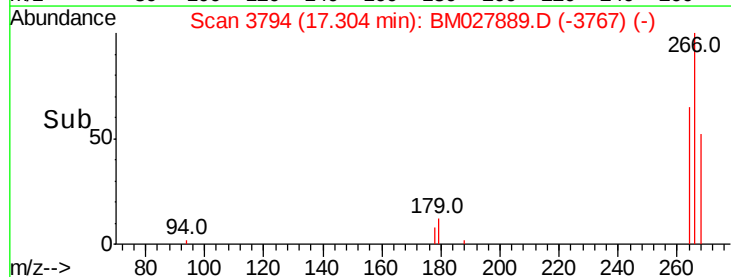
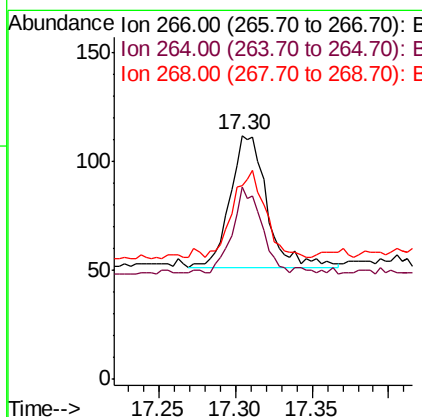
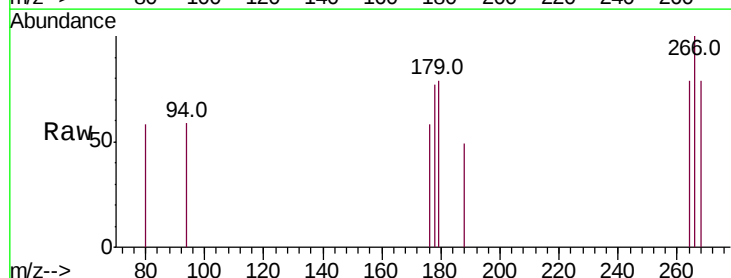
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	15.4	11.8	17.8

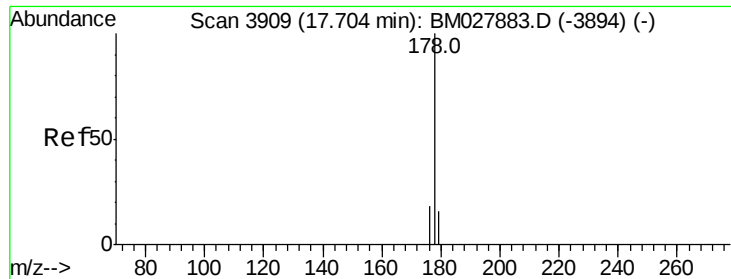


#11
Pentachlorophenol
 Concen: 0.074 ng/ul
 RT: 17.30 min Scan# 3794
 Delta R.T. -0.01 min
 Lab File: BM027889.D
 Acq: 21 Nov 2020 19:55

Tgt Ion:266 Resp: 102

Ion	Ratio	Lower	Upper
266	100		
264	50.0	49.6	74.4
268	56.9	52.1	78.1





#12

Phenanthrene

Concen: 8.276 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

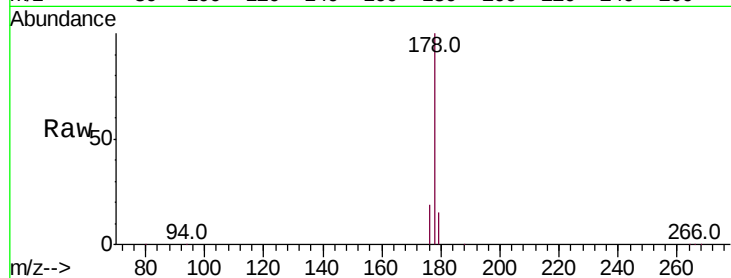
Tot Ion:178 Resp: 106088

Ion Ratio Lower Upper

178 100

179 15.4 13.6 20.4

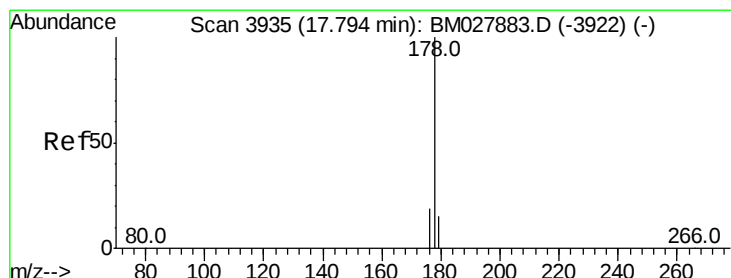
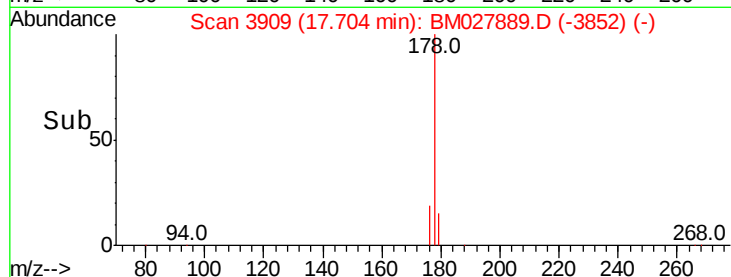
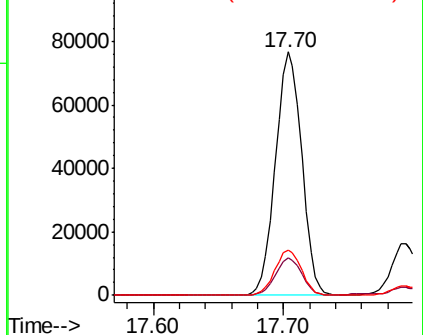
176 18.8 16.1 24.1



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: 1.819 ng/ul

RT: 17.79 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

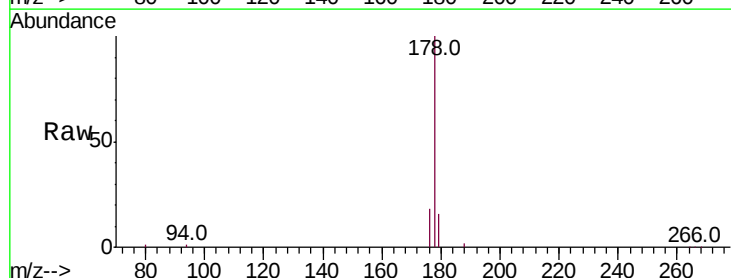
Tgt Ion:178 Resp: 22488

Ion Ratio Lower Upper

178 100

179 15.8 13.4 20.2

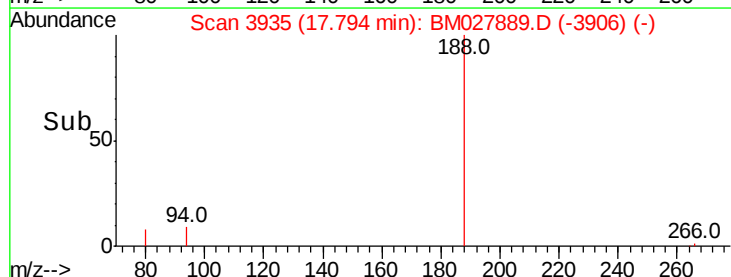
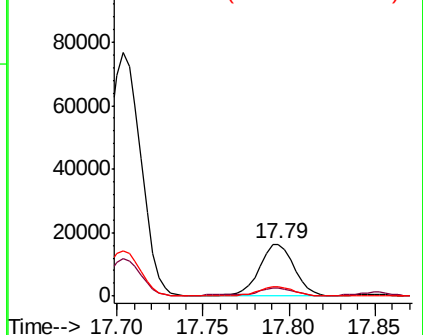
176 18.5 15.0 22.6

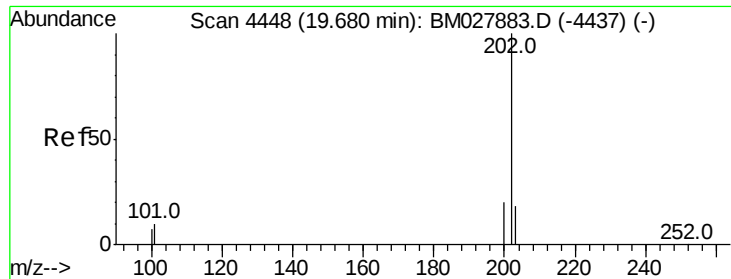


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 18.594 ng/ul

RT: 19.68 min Scan# 4449

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

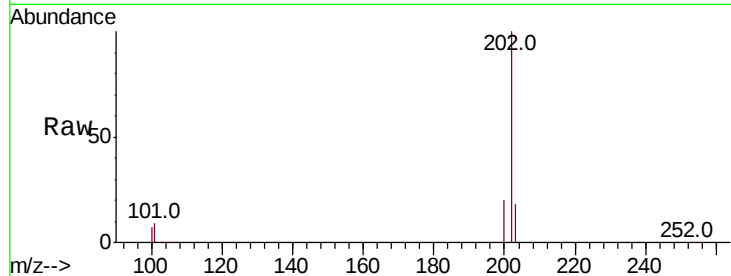
Tot Ion:202 Resp: 264289

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.3

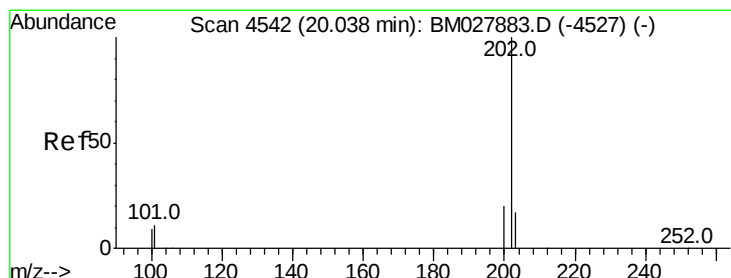
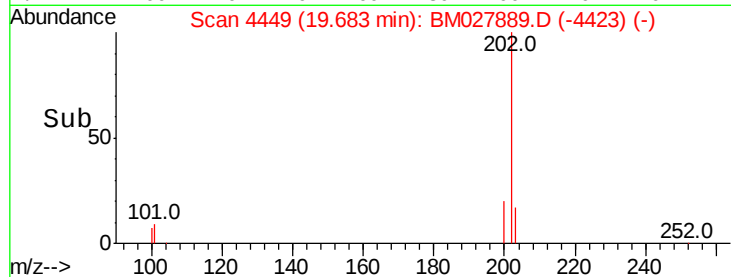
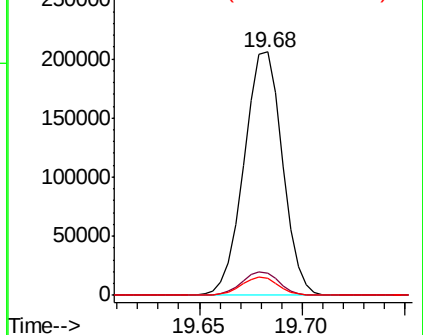
100 7.0 0.0 27.4



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: 14.001 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

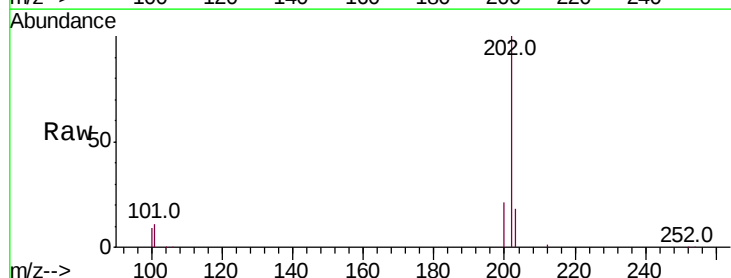
Tgt Ion:202 Resp: 211974

Ion Ratio Lower Upper

202 100

101 11.0 8.2 12.2

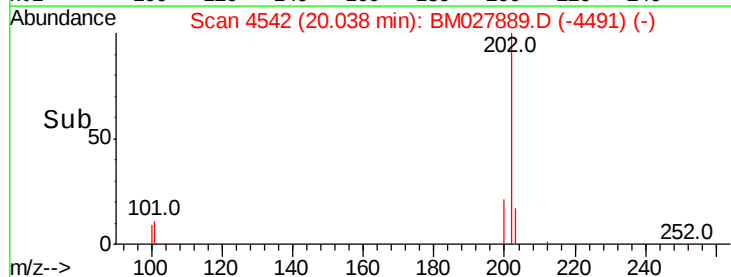
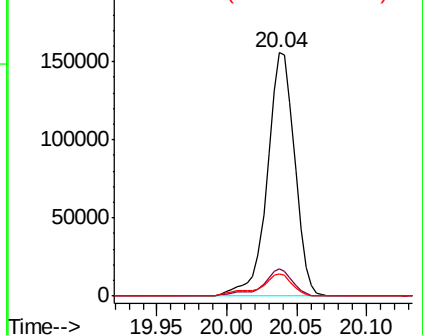
100 9.2 6.9 10.3

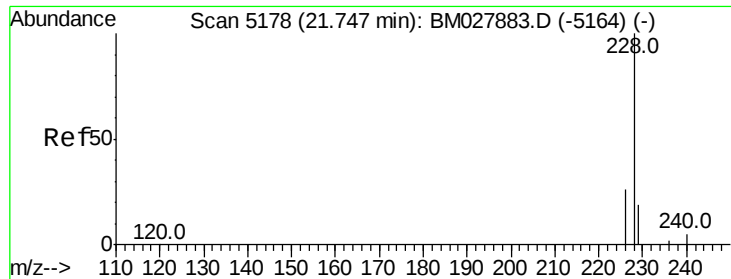


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 8.270 ng/ul

RT: 21.75 min Scan# 5178

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

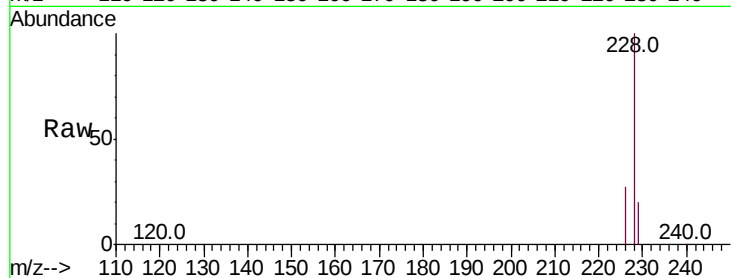
Tot Ion:228 Resp: 99462

Ion Ratio Lower Upper

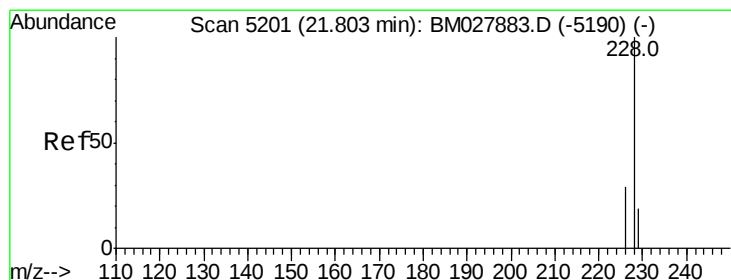
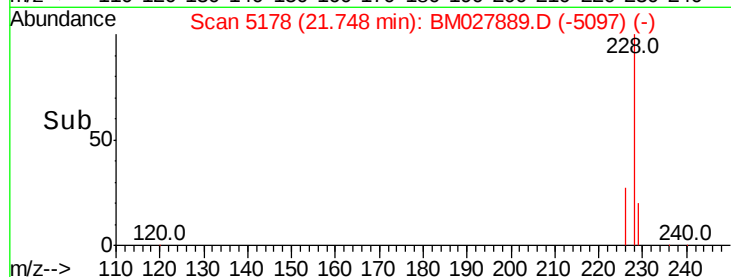
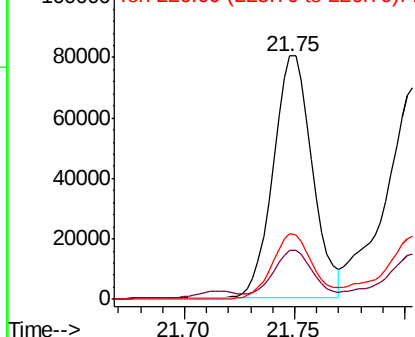
228 100

229 20.1 16.2 24.4

226 26.8 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: 8.749 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

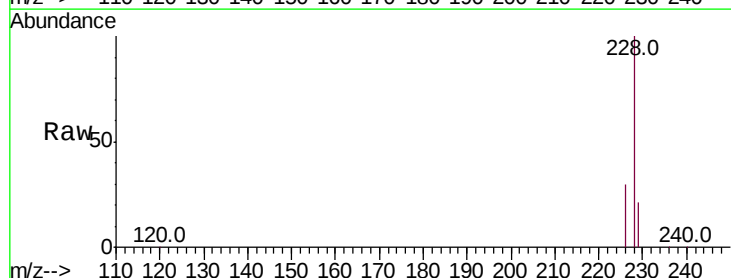
Tgt Ion:228 Resp: 102495

Ion Ratio Lower Upper

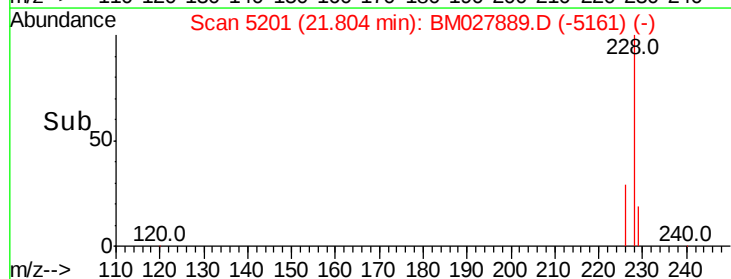
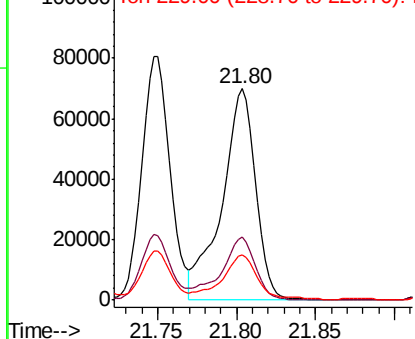
228 100

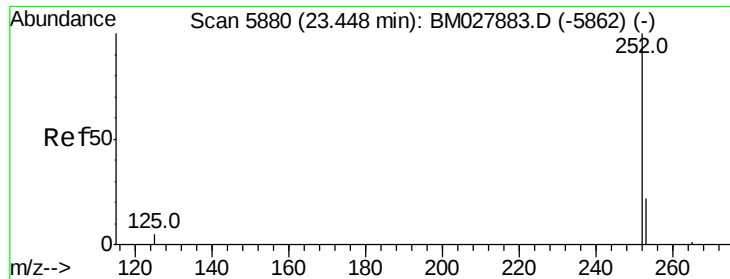
226 29.6 24.1 36.1

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: 13.832 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

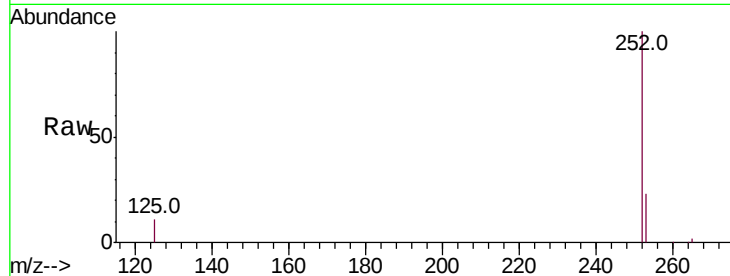
Tot Ion:252 Resp: 143645

Ion Ratio Lower Upper

252 100

253 23.0 0.0 59.6

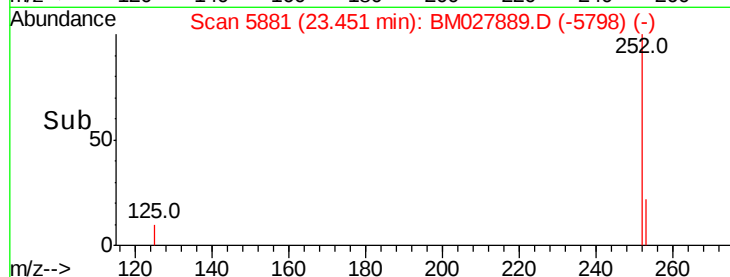
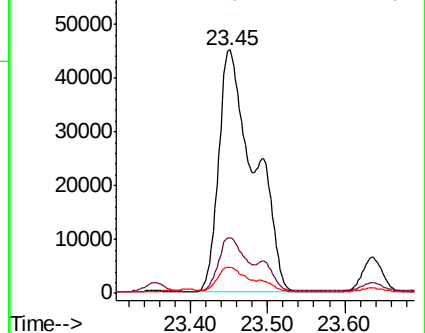
125 10.8 0.0 28.4



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: 14.118 ng/ul

RT: 23.45 min Scan# 5881

Delta R.T. -0.05 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

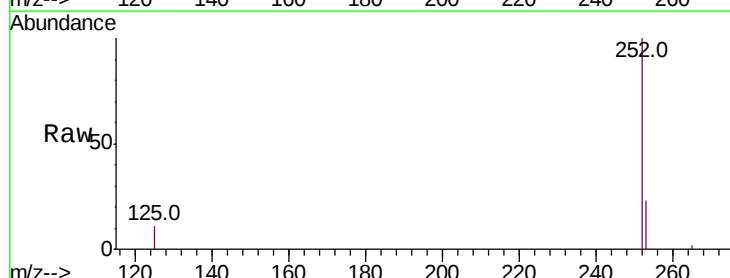
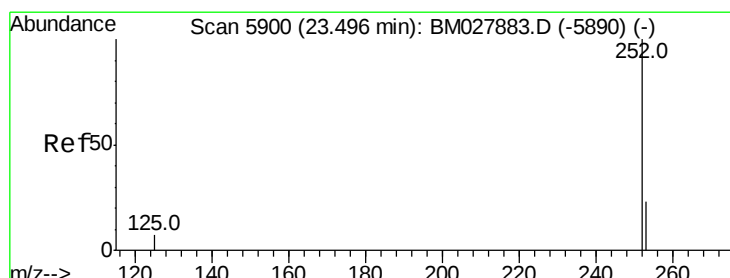
Tgt Ion:252 Resp: 143575

Ion Ratio Lower Upper

252 100

253 23.0 23.2 34.8#

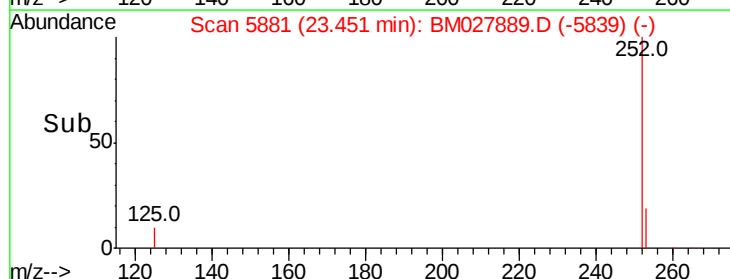
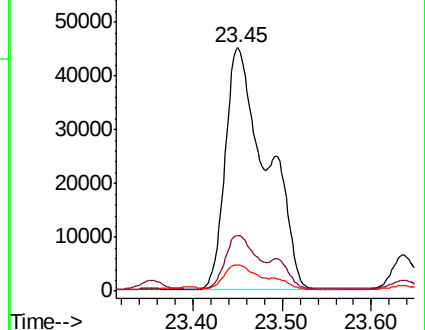
125 10.8 11.8 17.6#

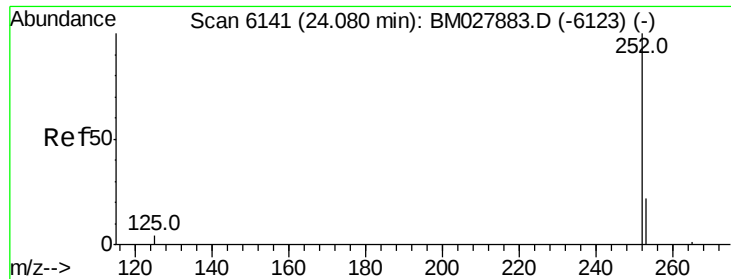


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 7.588 ng/ul

RT: 24.08 min Scan# 6140

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

Instrument :

BNA_M

ClientSampleId :

C0B05

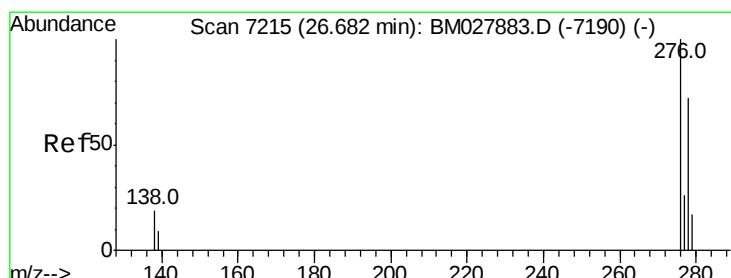
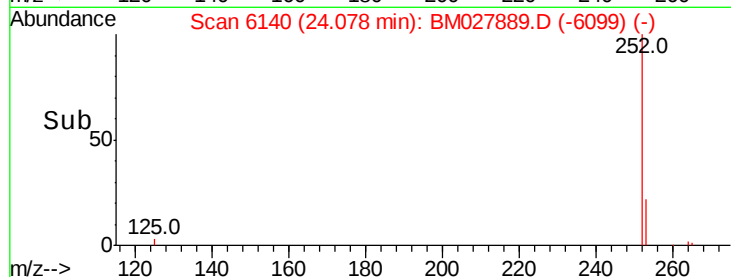
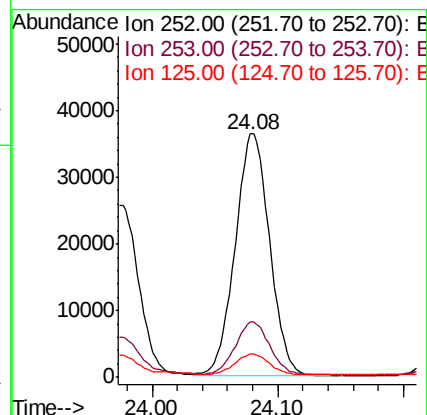
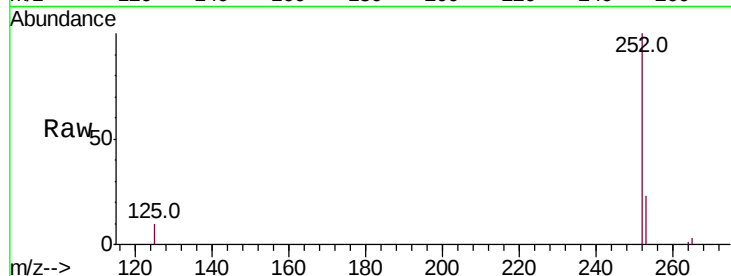
Tot Ion:252 Resp: 68898

Ion Ratio Lower Upper

252 100

253 22.7 25.2 37.8#

125 9.6 13.8 20.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 4.182 ng/ul

RT: 26.69 min Scan# 7216

Delta R.T. -0.00 min

Lab File: BM027889.D

Acq: 21 Nov 2020 19:55

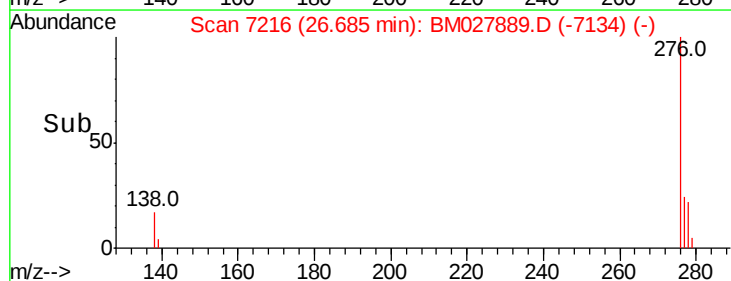
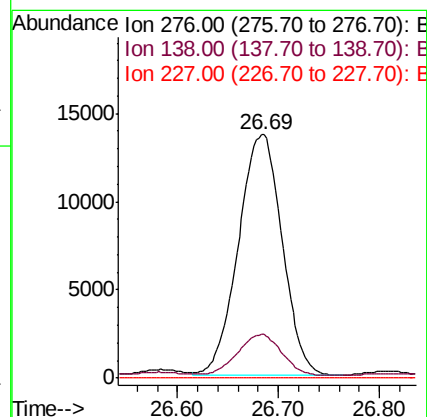
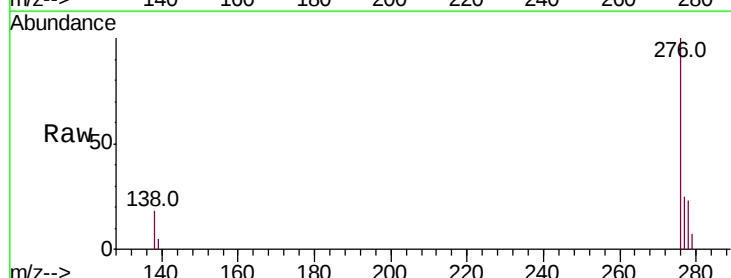
Tgt Ion:276 Resp: 41115

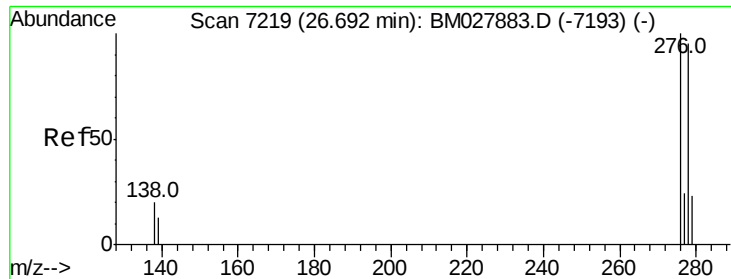
Ion Ratio Lower Upper

276 100

138 17.2 15.7 23.5

227 0.0 0.0 0.0



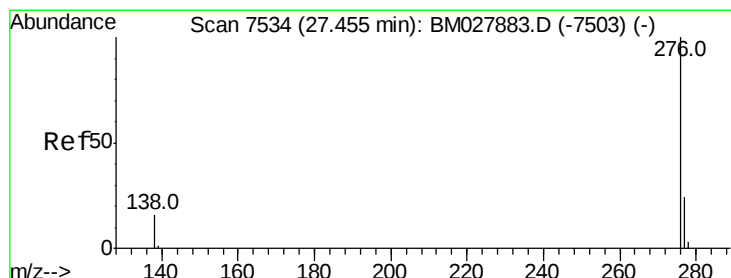
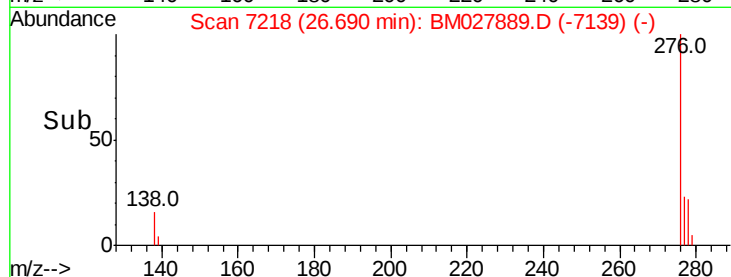
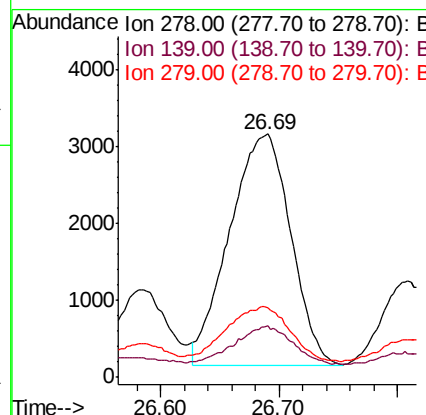
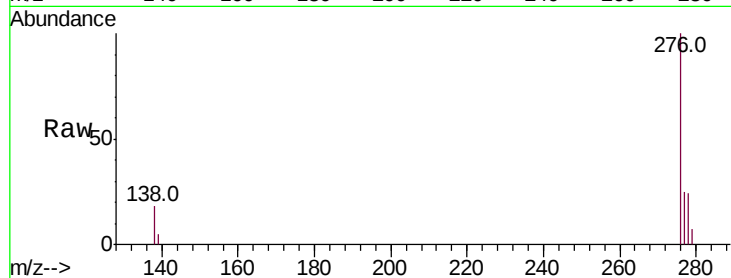


#25
Dibenzo(a,h)anthracene
Concen: 1.313 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. -0.01 min
Lab File: BM027889.D
Acq: 21 Nov 2020 19:55

Instrument :
BNA_M
ClientSampleId :
C0B05

Tot Ion:278 Resp: 10751

Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	28.5	25.8	38.6



#26
Benzo(g,h,i)perylene
Concen: 4.106 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027889.D
Acq: 21 Nov 2020 19:55

Tgt Ion:276 Resp: 33863

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.4	26.2
277	24.5	22.5	33.7

