

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
 Data File : BM027706.D
 Acq On : 05 Nov 2020 05:00
 Operator : JU/CG
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV002

Quant Time: Nov 05 06:03:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM110520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 04:58:48 2020
 Response via : Initial Calibration

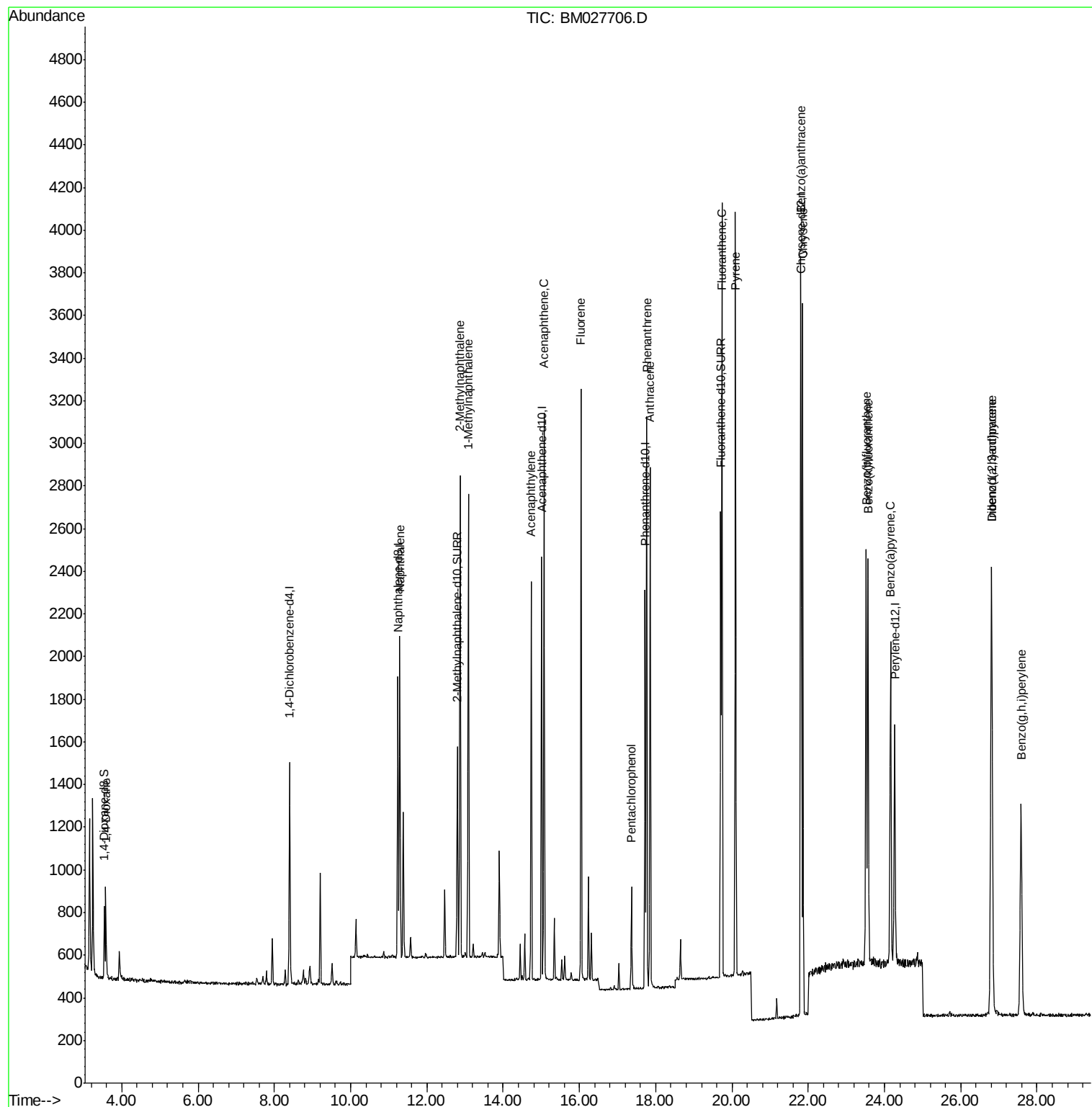
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	527	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1755	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	1042	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	2236	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1837	0.40	ng/ul	0.00
23) Perylene-d12	24.26	264	1584	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	209	0.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	1159	0.40	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	2439	0.41	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.58	88	262	0.450	ng/ul	93
5) Naphthalene	11.29	128	2040	0.410	ng/ul	98
7) 2-Methylnaphthalene	12.87	142	1439	0.420	ng/ul	98
8) 1-Methylnaphthalene	13.09	142	1318	0.407	ng/ul	99
10) Acenaphthylene	14.74	152	1999	0.429	ng/ul	98
11) Acenaphthene	15.07	153	1458	0.412	ng/ul	100
12) Fluorene	16.04	166	1715	0.410	ng/ul	96
14) Pentachlorophenol	17.36	266	303	0.411	ng/ul	96
15) Phenanthrene	17.76	178	2731	0.419	ng/ul	97
16) Anthracene	17.85	178	2631	0.411	ng/ul	98
18) Fluoranthene	19.74	202	3124	0.410	ng/ul	99
20) Pyrene	20.09	202	3102	0.433	ng/ul	98
21) Benzo(a)anthracene	21.80	228	2820	0.420	ng/ul	100
22) Chrysene	21.86	228	2910	0.422	ng/ul	100
24) Benzo(b)fluoranthene	23.52	252	2758	0.433	ng/ul	99
25) Benzo(k)fluoranthene	23.57	252	2673	0.421	ng/ul	99
26) Benzo(a)pyrene	24.16	252	2353	0.408	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.80	276	2764	0.408	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.82	278	2315	0.411	ng/ul	98
29) Benzo(a,h,i)perylene	27.58	276	2301	0.403	ng/ul	99

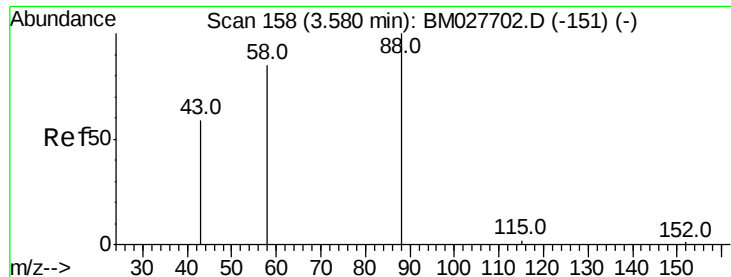
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 05 04:58:48 2020
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#2

1,4-Dioxane

Concen: 0.450 ng/ul

RT: 3.58 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

SICV002

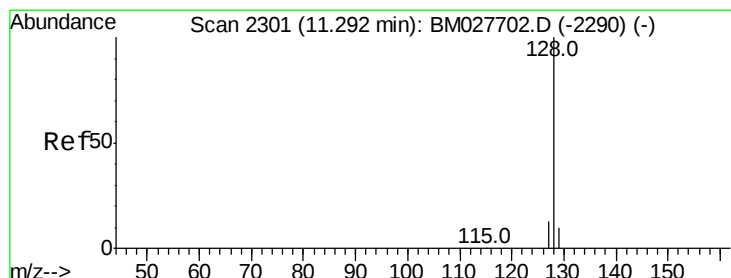
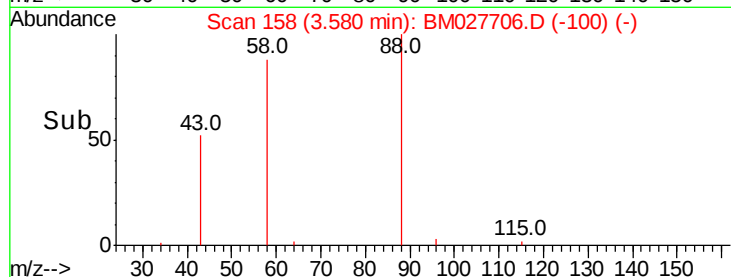
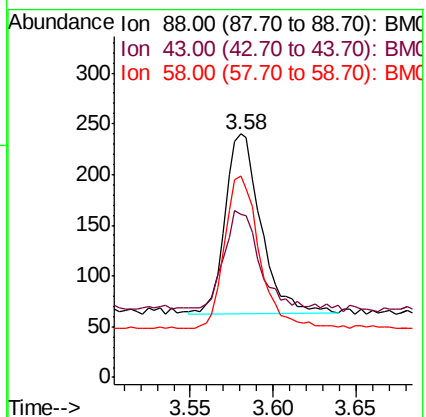
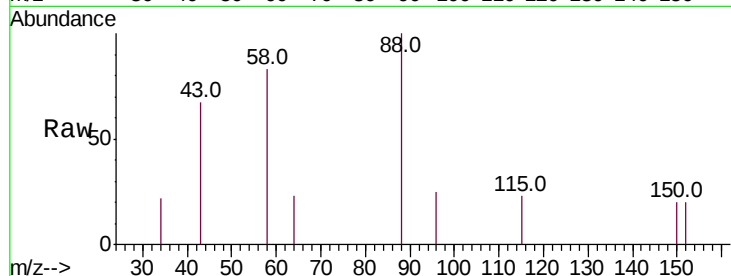
Tot Ion: 88 Resp: 262

Ion Ratio Lower Upper

88 100

43 67.1 61.8 92.6

58 82.9 67.8 101.8



#5

Naphthalene

Concen: 0.410 ng/ul

RT: 11.29 min Scan# 2301

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

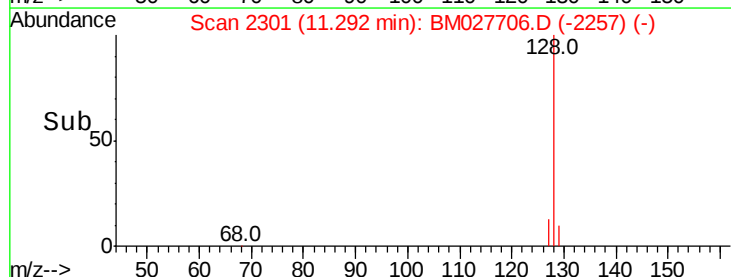
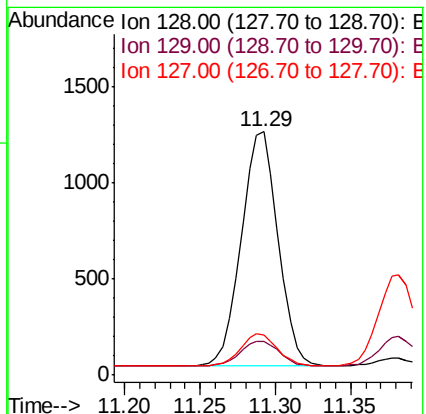
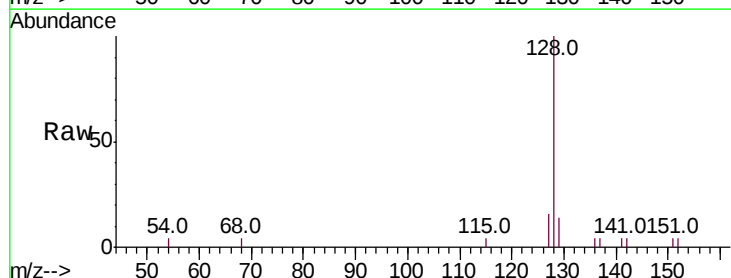
Tgt Ion: 128 Resp: 2040

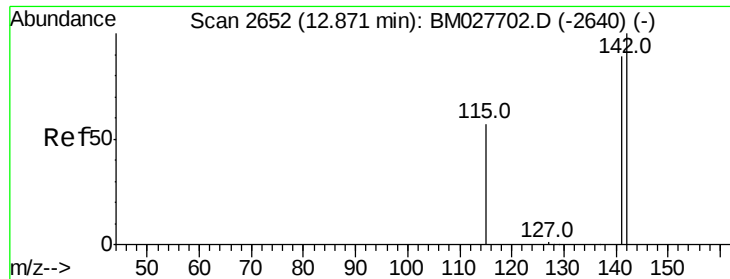
Ion Ratio Lower Upper

128 100

129 13.9 11.7 17.5

127 16.4 14.0 21.0





#7

2-Methylnaphthalene

Concen: 0.420 ng/ul

RT: 12.87 min Scan# 2652

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

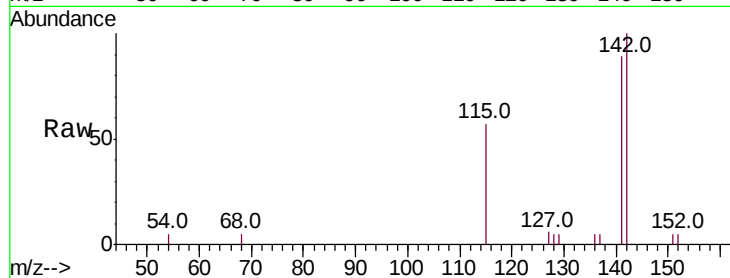
SICV002

Tot Ion:142 Resp: 1439

Ion Ratio Lower Upper

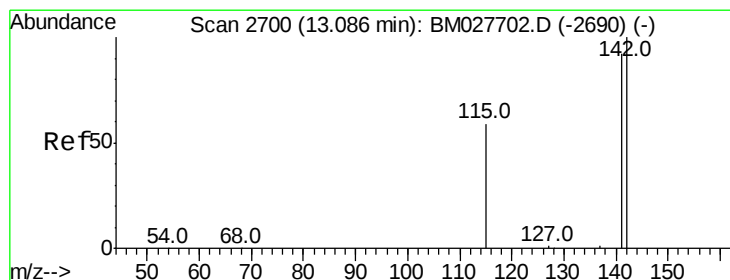
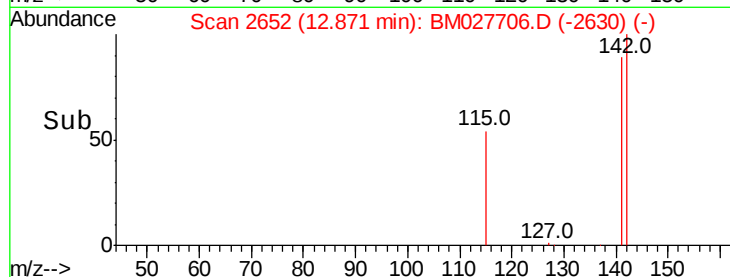
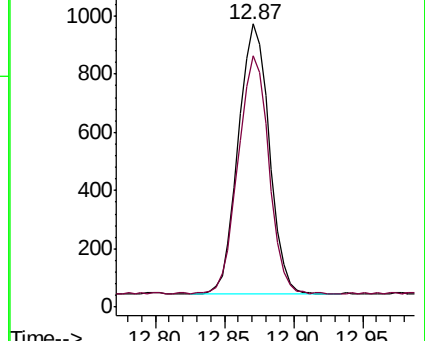
142 100

141 87.0 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#8

1-Methylnaphthalene

Concen: 0.407 ng/ul

RT: 13.09 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BM027706.D

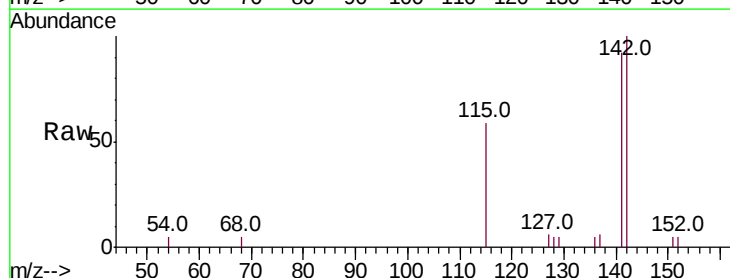
Acq: 05 Nov 2020 05:00

Tgt Ion:142 Resp: 1318

Ion Ratio Lower Upper

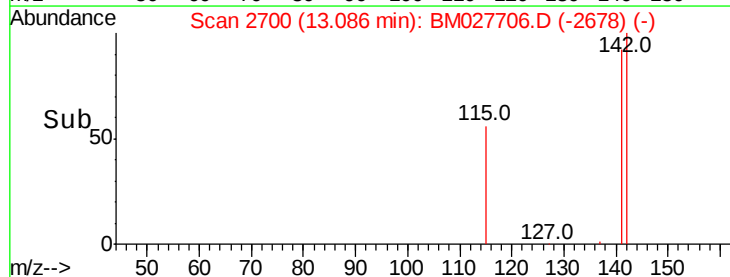
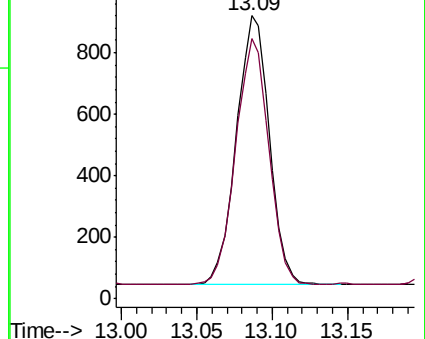
142 100

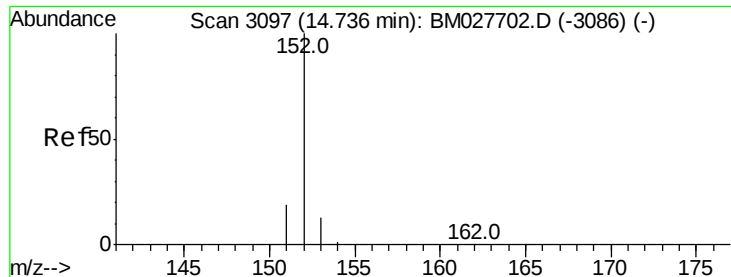
141 92.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#10

Acenaphthylene

Concen: 0.429 ng/ul

RT: 14.74 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

SICV002

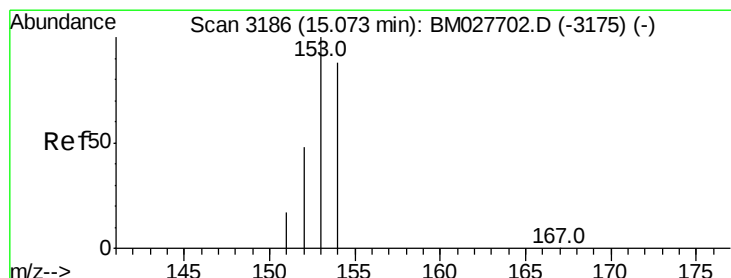
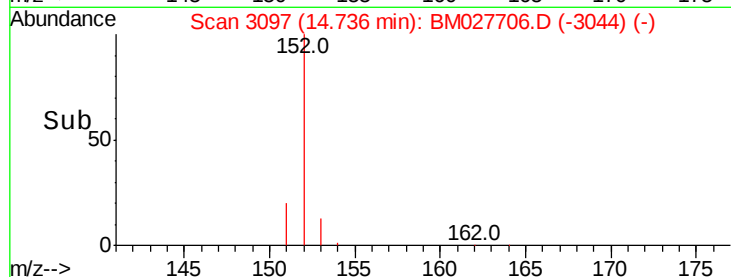
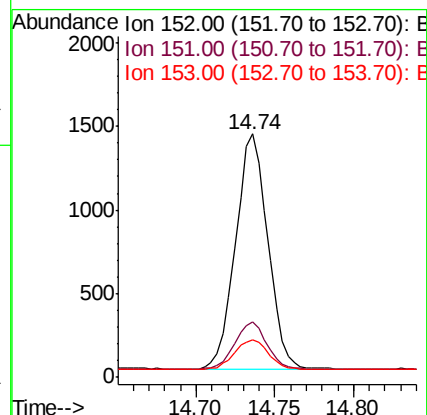
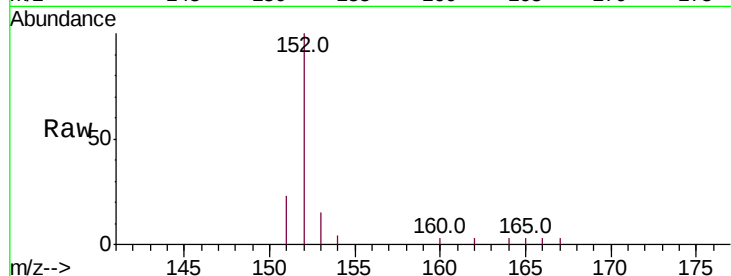
Tot Ion:152 Resp: 1999

Ion Ratio Lower Upper

152 100

151 22.6 17.8 26.8

153 15.3 13.5 20.3



#11

Acenaphthene

Concen: 0.412 ng/ul

RT: 15.07 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

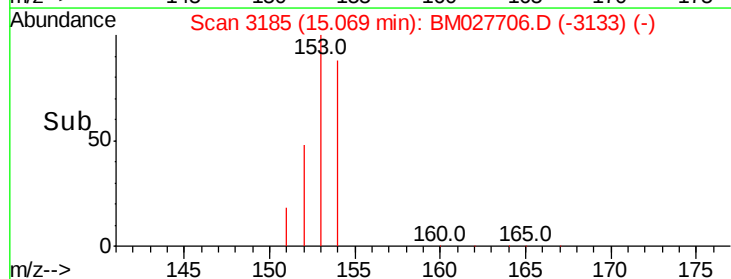
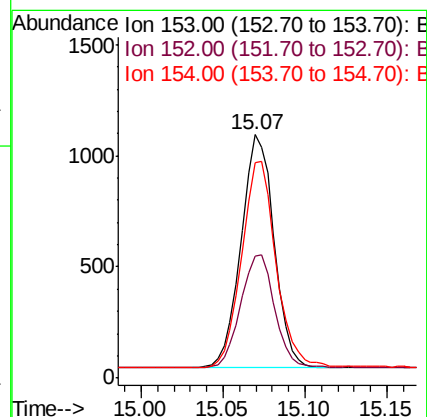
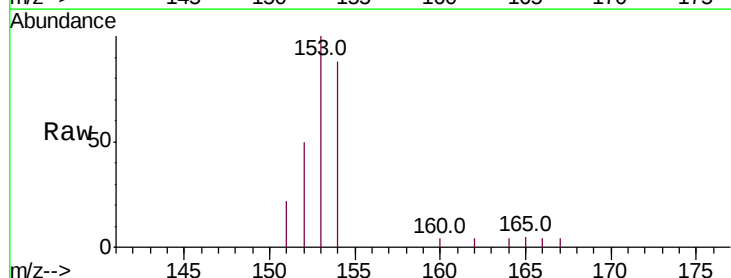
Tgt Ion:153 Resp: 1458

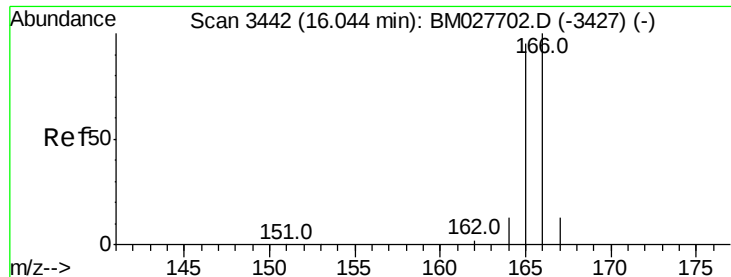
Ion Ratio Lower Upper

153 100

152 50.3 40.6 60.8

154 88.4 71.0 106.4





#12

Fluorene

Concen: 0.410 ng/ul

RT: 16.04 min Scan# 3442

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

SICV002

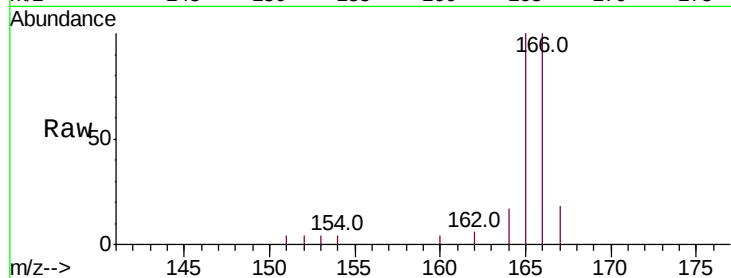
Tot Ion:166 Resp: 1715

Ion Ratio Lower Upper

166 100

165 99.6 76.2 114.4

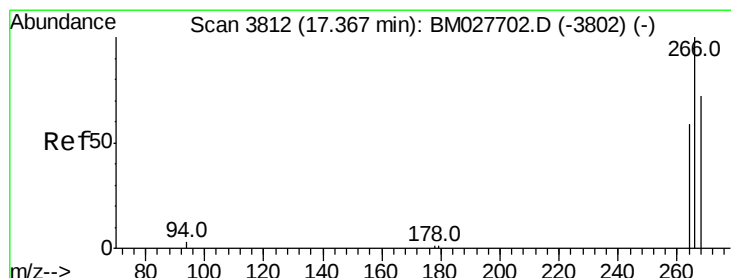
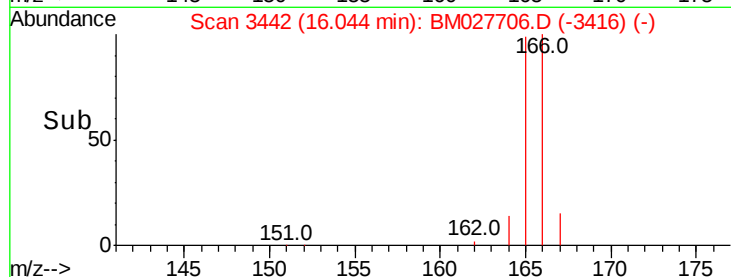
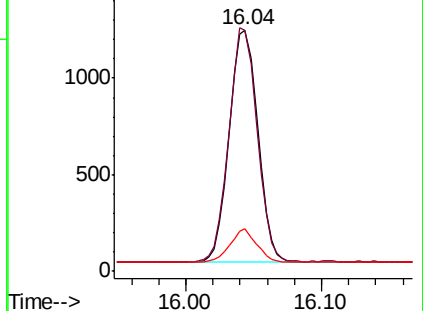
167 17.8 13.7 20.5



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



#14

Pentachlorophenol

Concen: 0.411 ng/ul

RT: 17.36 min Scan# 3811

Delta R.T. -0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

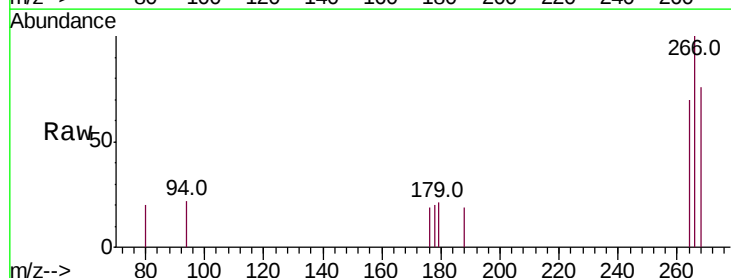
Tgt Ion:266 Resp: 303

Ion Ratio Lower Upper

266 100

264 65.0 48.2 72.4

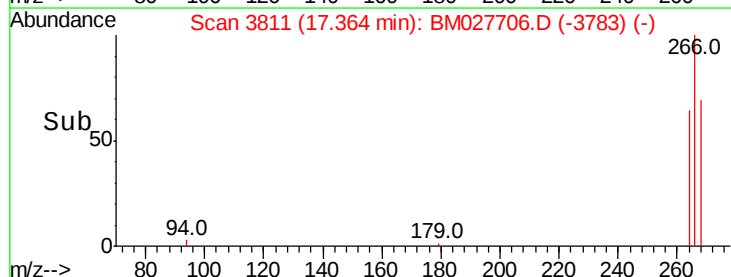
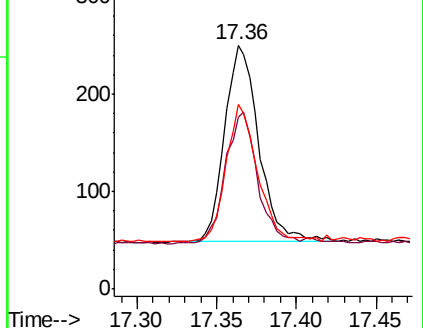
268 65.0 53.4 80.0

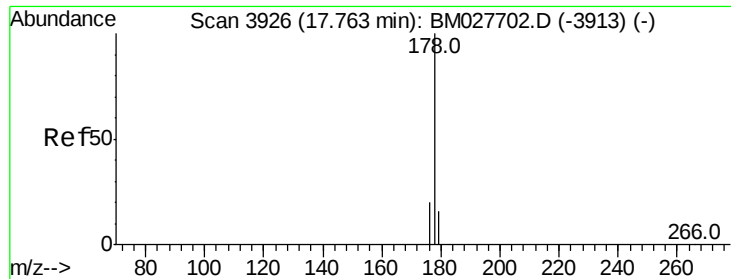


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.419 ng/ul

RT: 17.76 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

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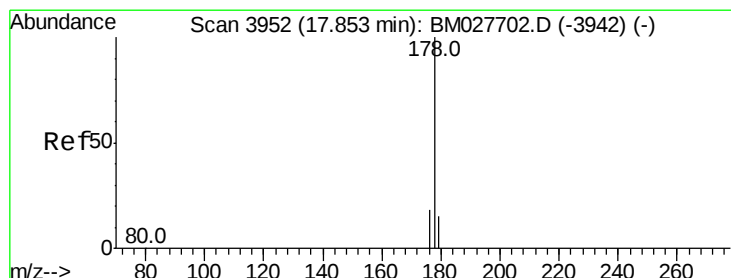
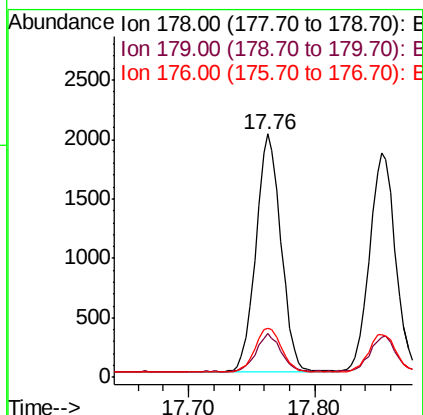
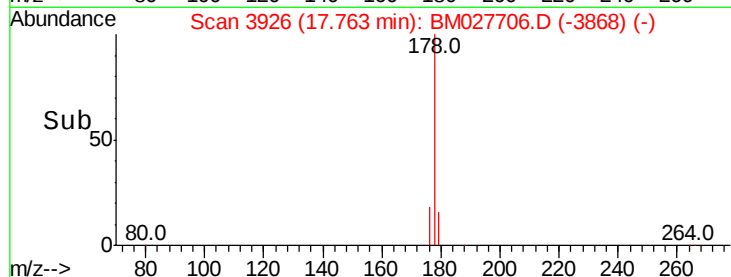
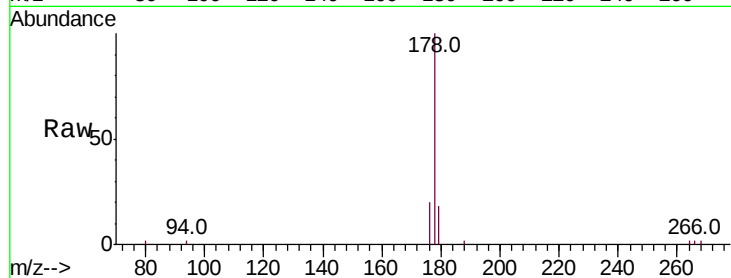
Tot Ion:178 Resp: 2731

Ion Ratio Lower Upper

178 100

179 17.9 14.6 22.0

176 20.1 18.2 27.2



#16

Anthracene

Concen: 0.411 ng/ul

RT: 17.85 min Scan# 3952

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

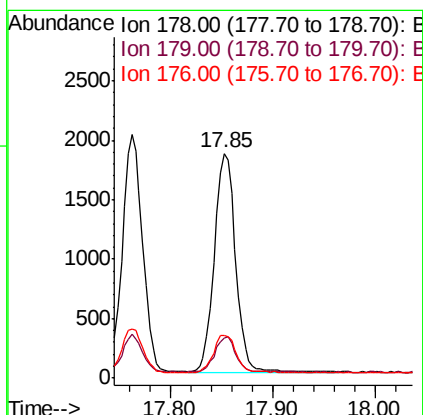
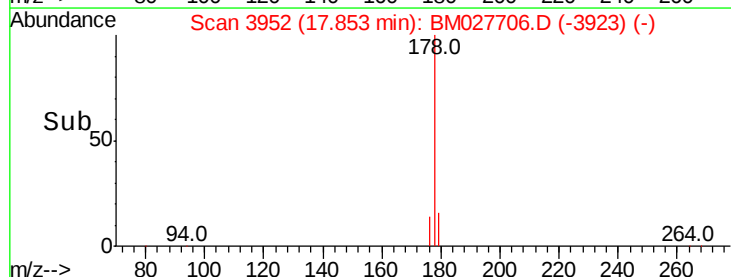
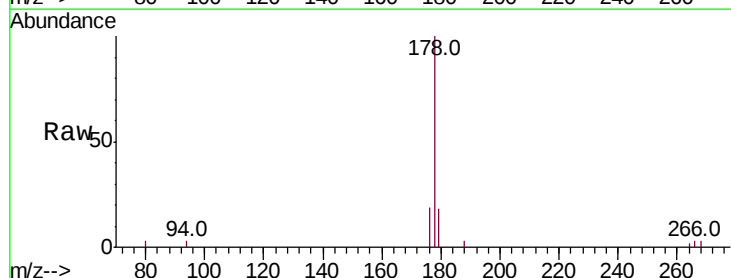
Tgt Ion:178 Resp: 2631

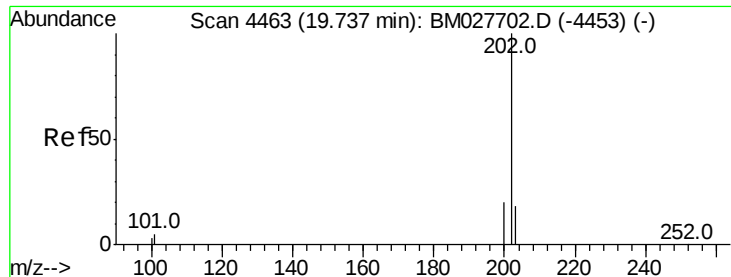
Ion Ratio Lower Upper

178 100

179 17.9 14.1 21.1

176 19.3 16.3 24.5





#18

Fluoranthene

Concen: 0.410 ng/ul

RT: 19.74 min Scan# 4463

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

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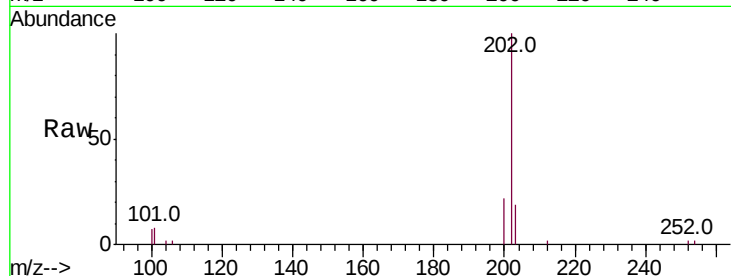
Tot Ion:202 Resp: 3124

Ion Ratio Lower Upper

202 100

101 8.0 6.1 9.1

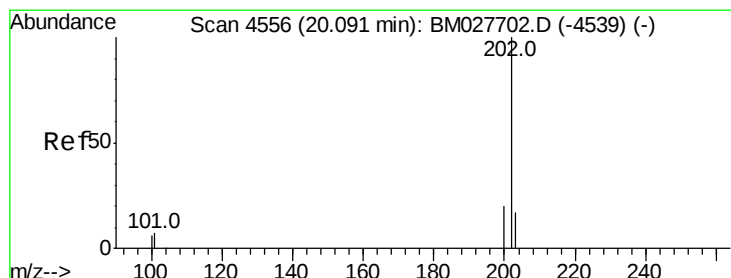
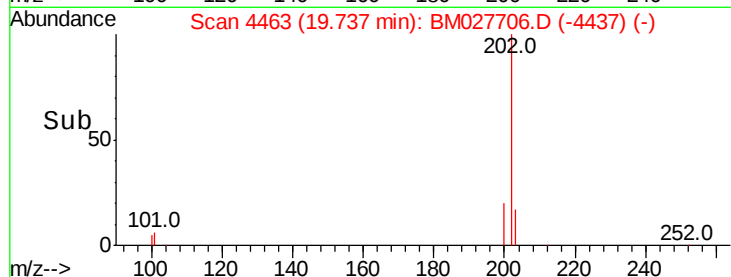
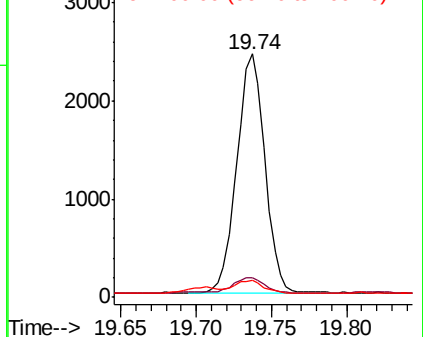
100 7.0 5.8 8.6



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



#20

Pyrene

Concen: 0.433 ng/ul

RT: 20.09 min Scan# 4556

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

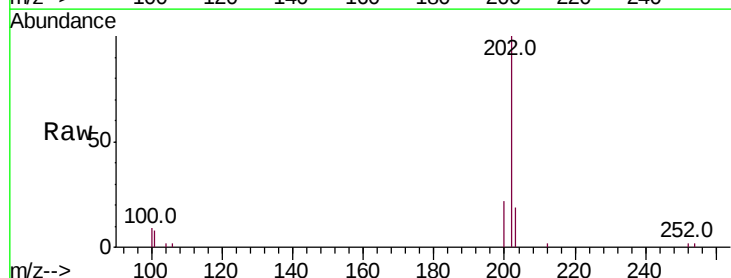
Tgt Ion:202 Resp: 3102

Ion Ratio Lower Upper

202 100

101 8.4 7.4 11.0

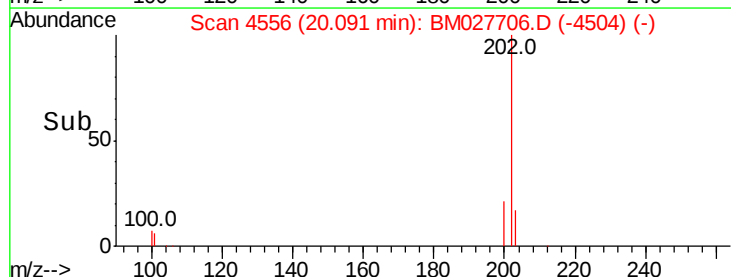
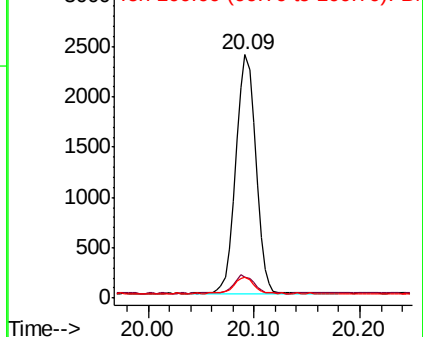
100 8.5 6.6 9.8

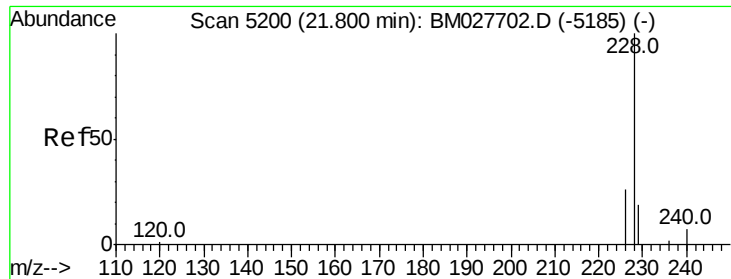


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 0.420 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

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SICV002

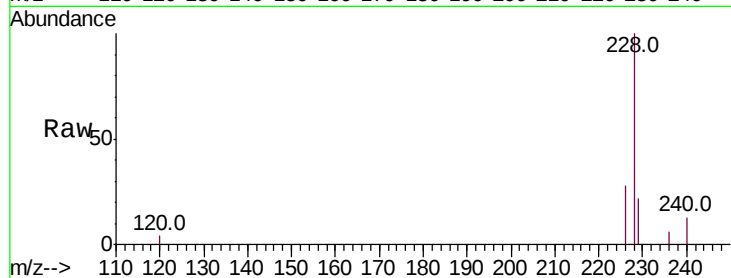
Tot Ion:228 Resp: 2820

Ion Ratio Lower Upper

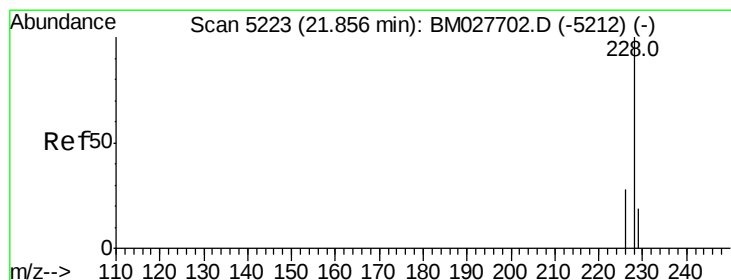
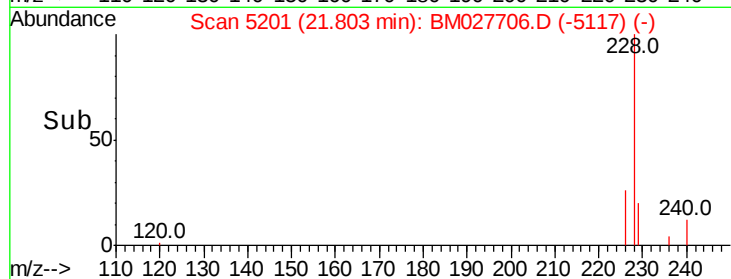
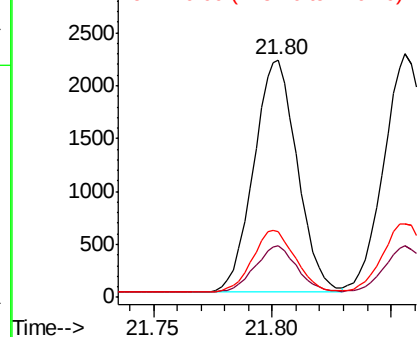
228 100

229 21.6 17.0 25.4

226 27.6 22.0 33.0



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



#22

Chrysene

Concen: 0.422 ng/ul

RT: 21.86 min Scan# 5223

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

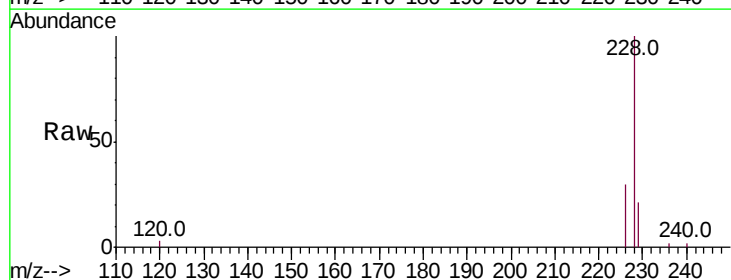
Tgt Ion:228 Resp: 2910

Ion Ratio Lower Upper

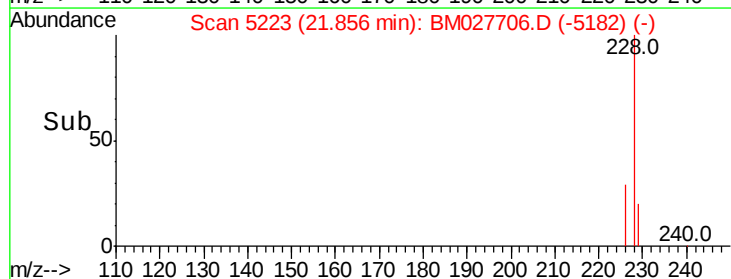
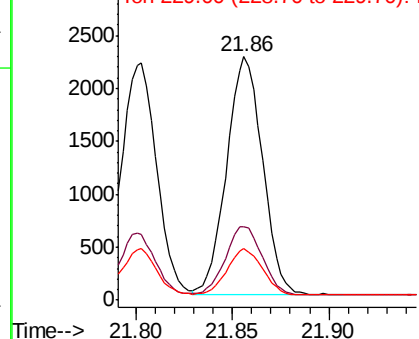
228 100

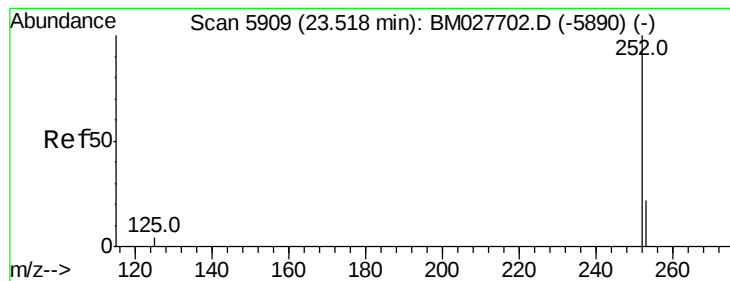
226 30.1 24.0 36.0

229 21.3 16.9 25.3



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





#24

Benzo(b)fluoranthene

Concen: 0.433 ng/ul

RT: 23.52 min Scan# 5909

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

SICV002

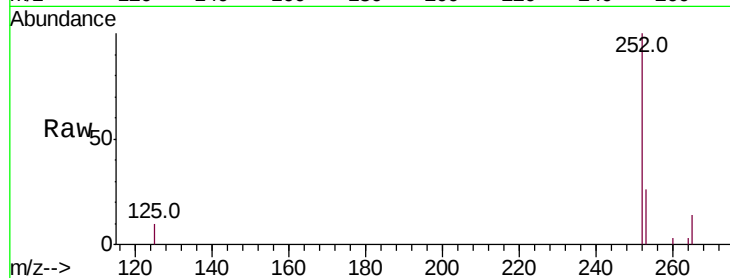
Tot Ion:252 Resp: 2758

Ion Ratio Lower Upper

252 100

253 26.4 0.0 53.0

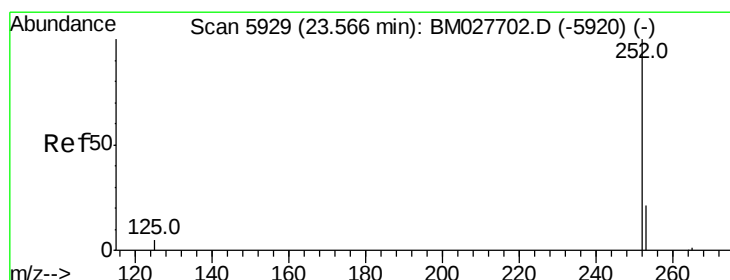
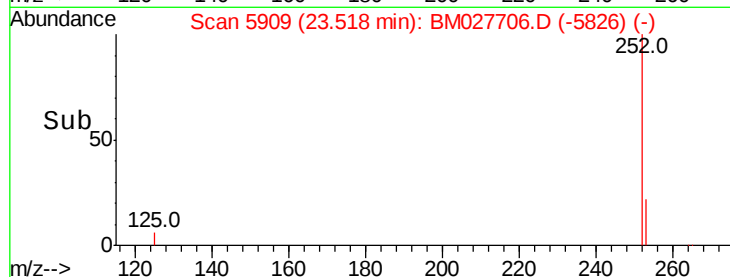
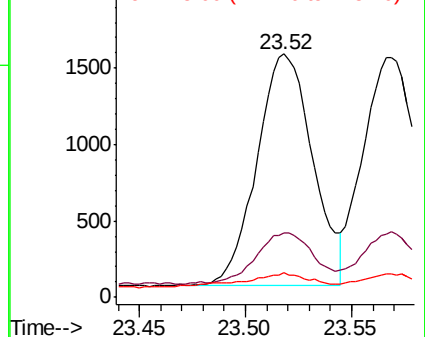
125 10.4 0.0 17.6



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



#25

Benzo(k)fluoranthene

Concen: 0.421 ng/ul

RT: 23.57 min Scan# 5929

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

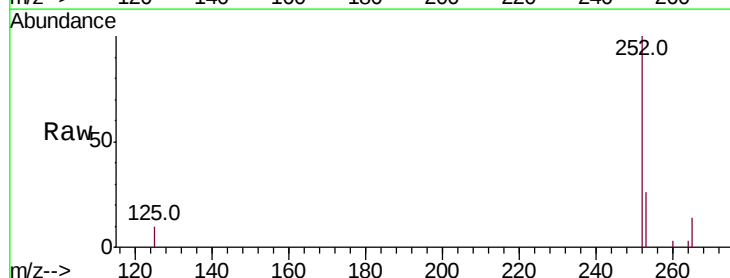
Tgt Ion:252 Resp: 2673

Ion Ratio Lower Upper

252 100

253 26.5 21.4 32.2

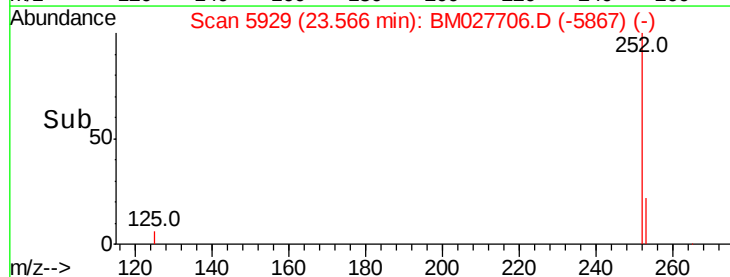
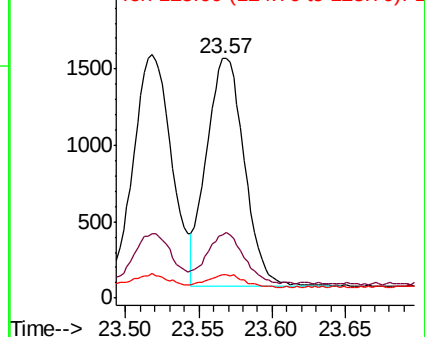
125 9.9 7.4 11.0

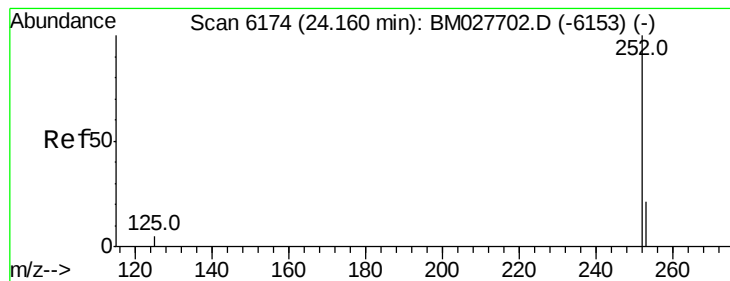


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 24.16 min Scan# 6173

Delta R.T. -0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

Instrument :

BNA_M

ClientSampleId :

SICV002

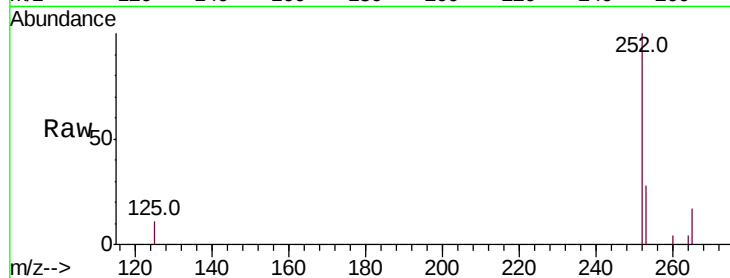
Tot Ion:252 Resp: 2353

Ion Ratio Lower Upper

252 100

253 27.6 22.3 33.5

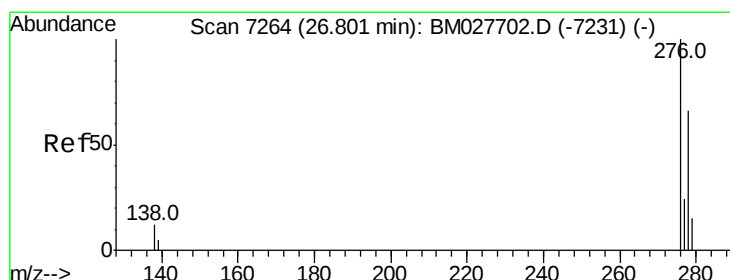
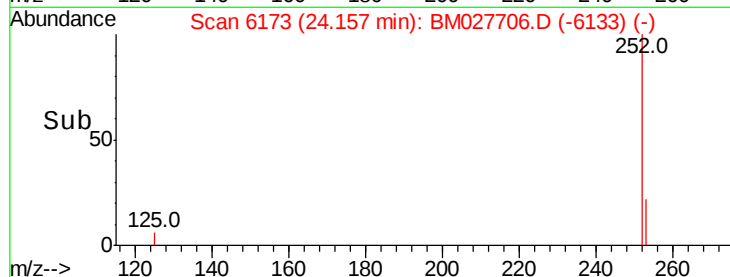
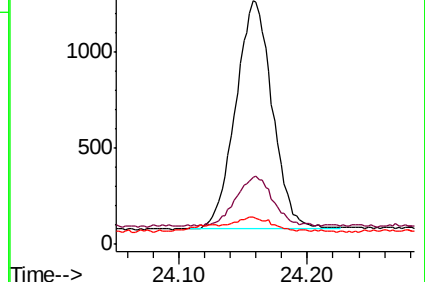
125 11.1 8.8 13.2



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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.408 ng/ul

RT: 26.80 min Scan# 7264

Delta R.T. 0.00 min

Lab File: BM027706.D

Acq: 05 Nov 2020 05:00

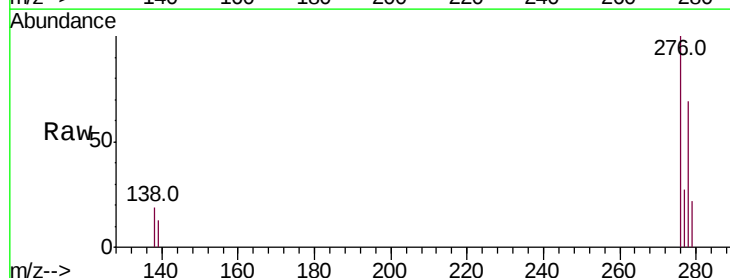
Tgt Ion:276 Resp: 2764

Ion Ratio Lower Upper

276 100

138 13.7 11.0 16.6

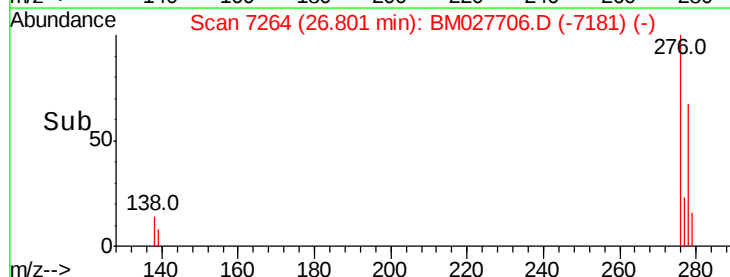
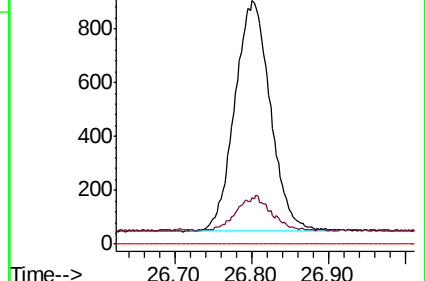
227 0.0 0.0 0.0

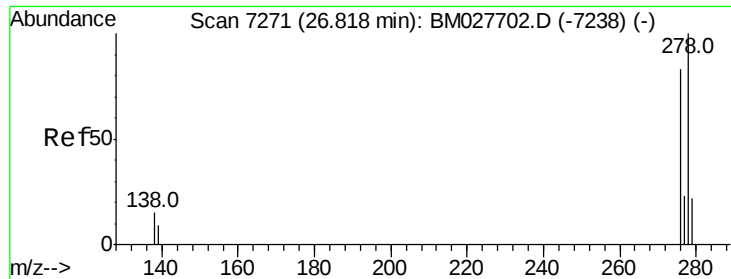


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



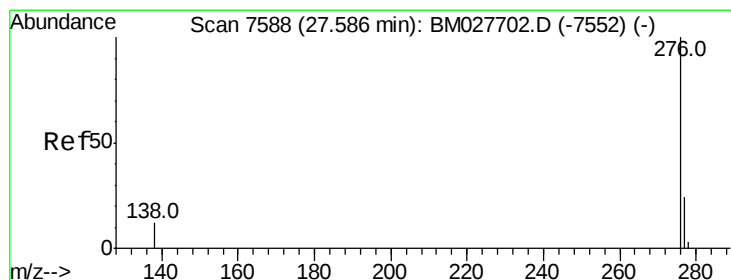
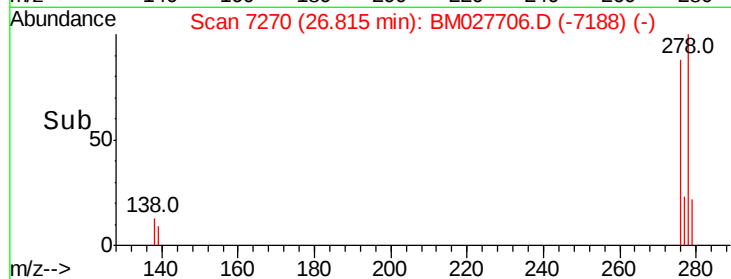
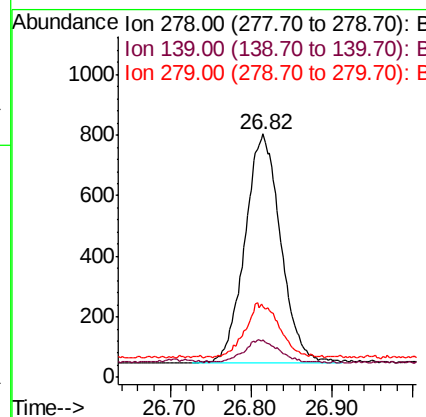
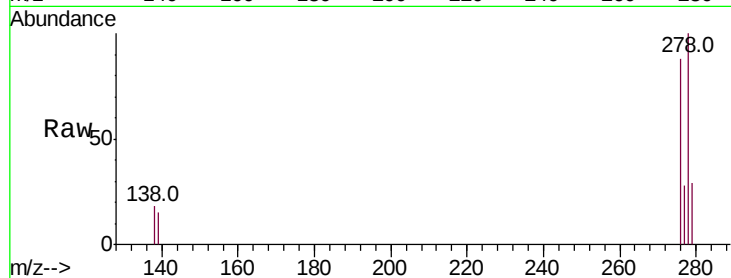


#28

Dibenzo(a,h)anthracene
 Concen: 0.411 ng/u1
 RT: 26.82 min Scan# 7270
 Delta R.T. -0.00 min
 Lab File: BM027706.D
 Acq: 05 Nov 2020 05:00

Instrument :
 BNA_M
 ClientSampleId :
 SICV002

Tot Ion:278 Resp: 2315
 Ion Ratio Lower Upper
 278 100
 139 15.2 12.6 18.8
 279 28.9 24.3 36.5



#29

Benzo(g,h,i)perylene
 Concen: 0.403 ng/u1
 RT: 27.58 min Scan# 7585
 Delta R.T. -0.01 min
 Lab File: BM027706.D
 Acq: 05 Nov 2020 05:00

Tgt Ion:276 Resp: 2301
 Ion Ratio Lower Upper
 276 100
 138 17.9 15.0 22.4
 277 29.5 24.2 36.2

