

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111020\
 Data File : BM027781.D
 Acq On : 10 Nov 2020 21:55
 Operator : JU/CG
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.484

Quant Time: Nov 11 01:22:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 11 01:20:37 2020
 Response via : Initial Calibration

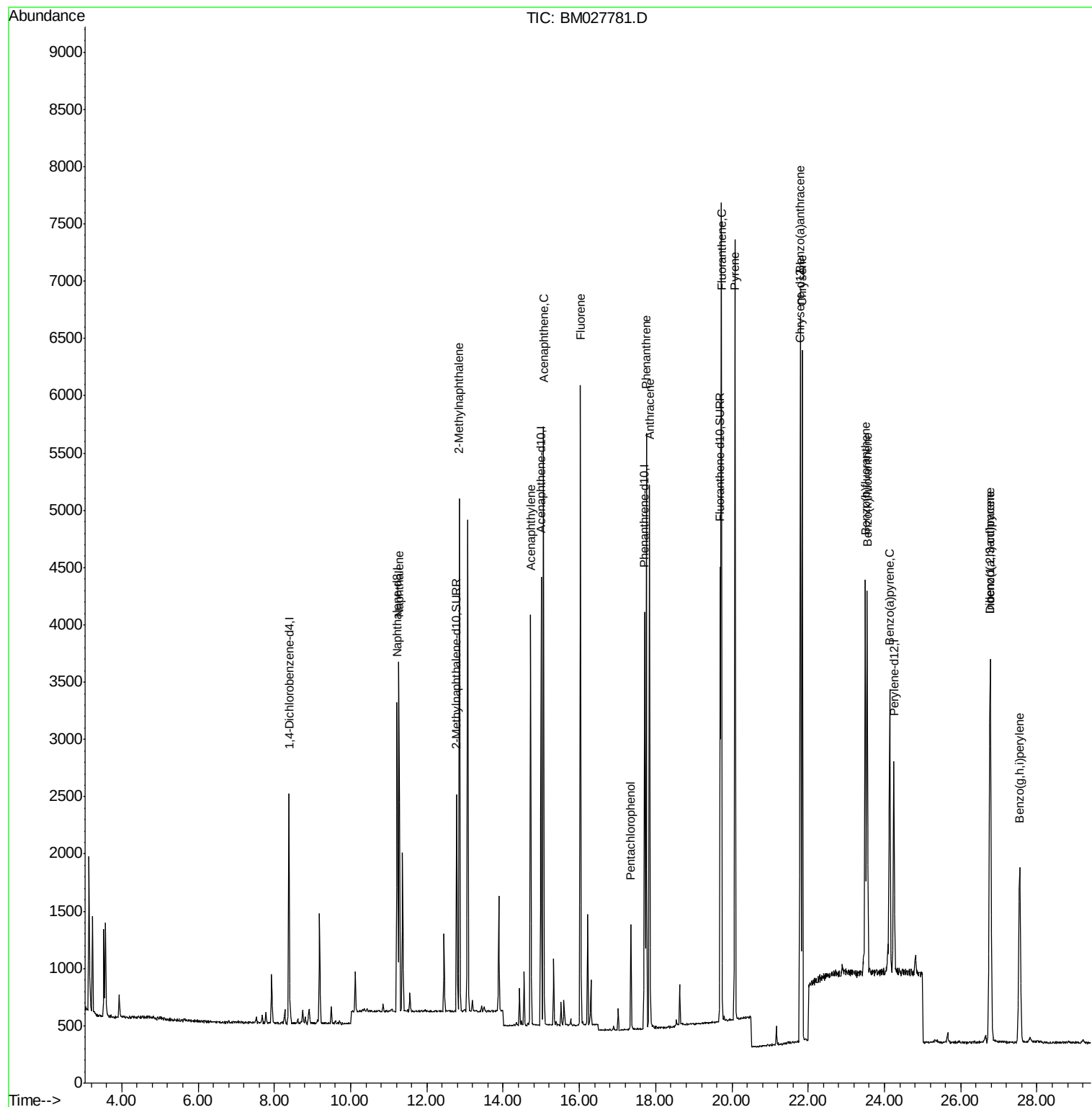
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	984	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	3557	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	2073	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	4364	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	3256	0.40	ng/ul	0.00
20) Perylene-d12	24.24	264	2608	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	2304	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	4500	0.35	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.27	128	4225	0.372	ng/ul	98
5) 2-Methylnaphthalene	12.85	142	2931	0.371	ng/ul	99
7) Acenaphthylene	14.72	152	3973	0.389	ng/ul	98
8) Acenaphthene	15.06	153	2990	0.383	ng/ul	99
9) Fluorene	16.03	166	3521	0.375	ng/ul	99
11) Pentachlorophenol	17.35	266	572	0.363	ng/ul	98
12) Phenanthrene	17.75	178	5391	0.379	ng/ul	99
13) Anthracene	17.84	178	5109	0.369	ng/ul	99
15) Fluoranthene	19.72	202	5969	0.367	ng/ul	98
17) Pyrene	20.08	202	5895	0.408	ng/ul	97
18) Benzo(a)anthracene	21.79	228	5078	0.390	ng/ul	99
19) Chrysene	21.84	228	5146	0.388	ng/ul	98
21) Benzo(b)fluoranthene	23.50	252	4743	0.397	ng/ul	98
22) Benzo(k)fluoranthene	23.55	252	4603	0.393	ng/ul#	96
23) Benzo(a)pyrene	24.14	252	3917	0.373	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	26.76	276	4424	0.370	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.77	278	3648	0.365	ng/ul#	96
26) Benzo(g,h,i)perylene	27.54	276	3675	0.363	ng/ul	98

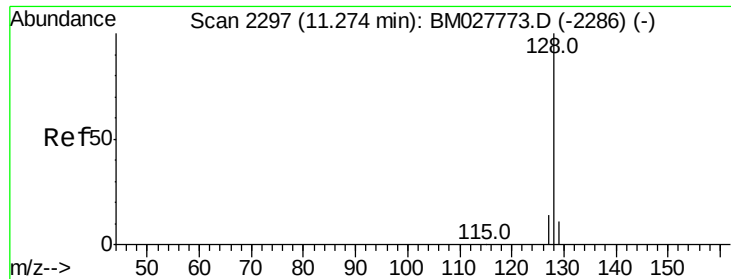
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.372 ng/ul

RT: 11.27 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

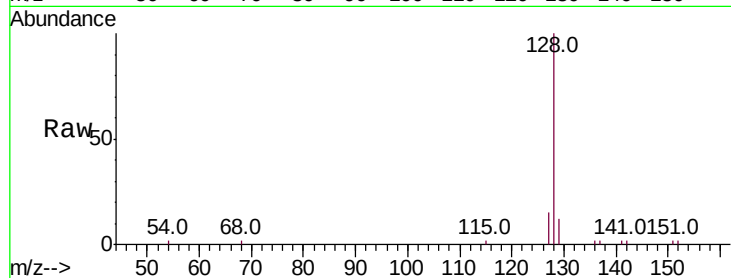
BNA_M

ClientSampleId :

SSTD0.484

Tot Ion:128 Resp: 4225

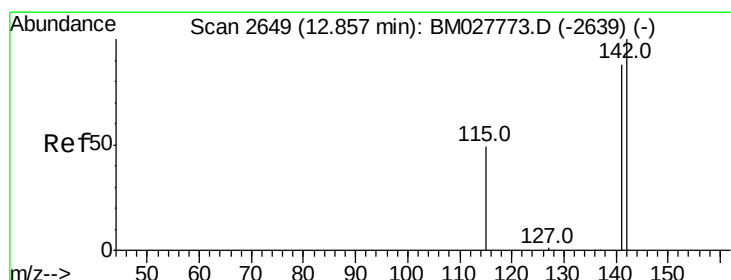
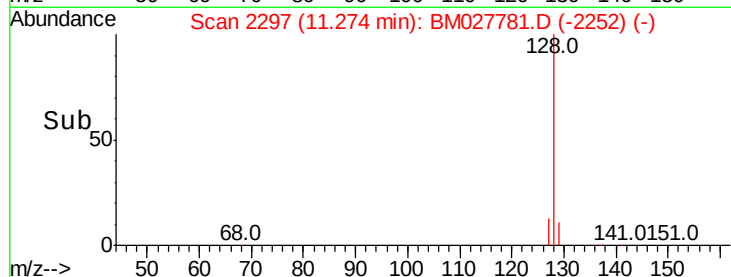
Ion	Ratio	Lower	Upper
128	100		
129	12.5	11.0	16.4
127	14.7	12.4	18.6



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: 0.371 ng/ul

RT: 12.85 min Scan# 2648

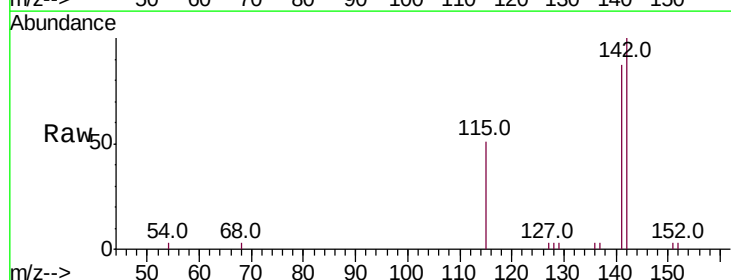
Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

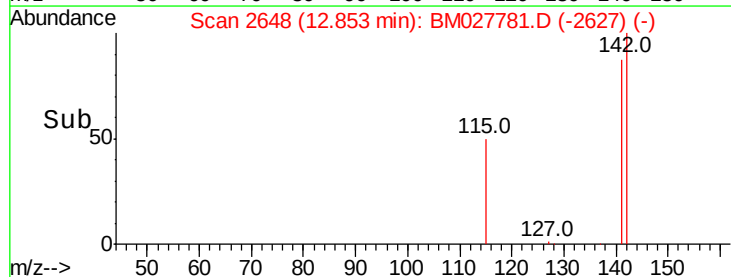
Tgt Ion:142 Resp: 2931

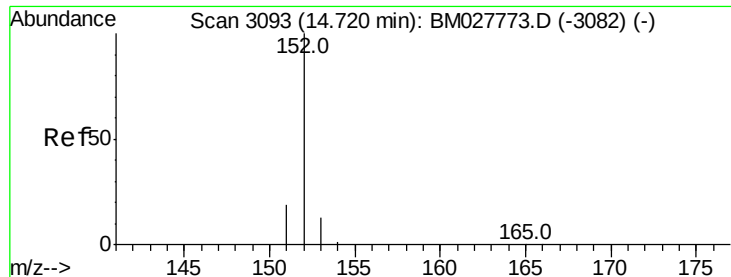
Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.389 ng/ul

RT: 14.72 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

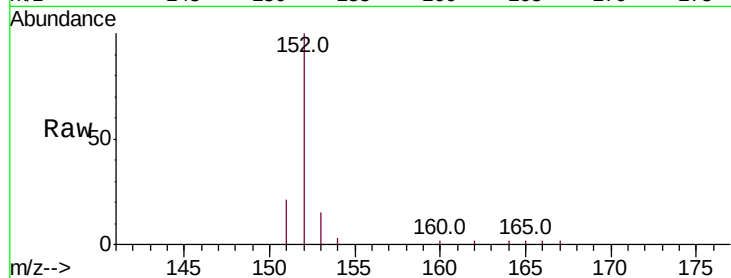
Tot Ion:152 Resp: 3973

Ion Ratio Lower Upper

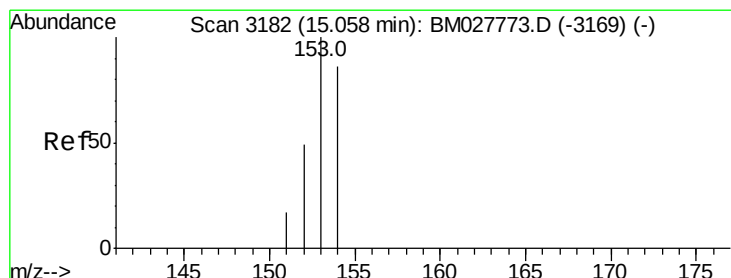
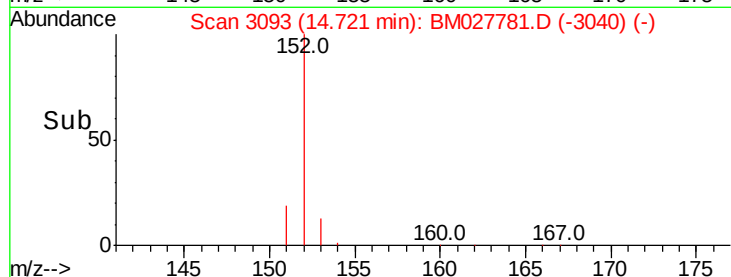
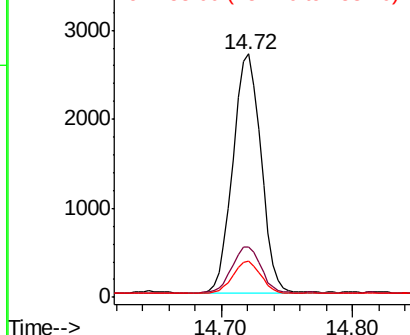
152 100

151 20.8 17.8 26.6

153 14.9 11.8 17.8



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: 0.383 ng/ul

RT: 15.06 min Scan# 3182

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

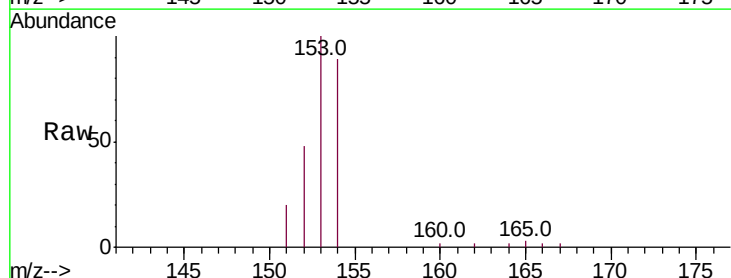
Tgt Ion:153 Resp: 2990

Ion Ratio Lower Upper

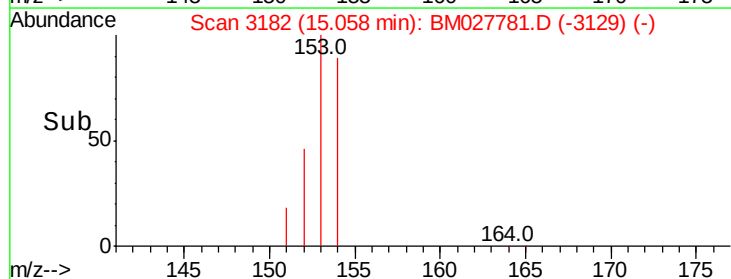
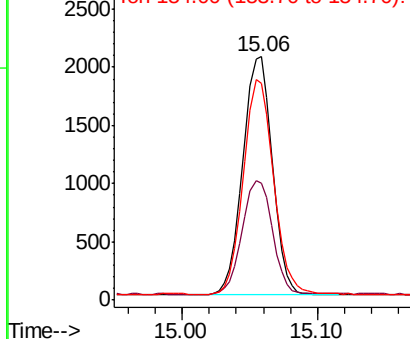
153 100

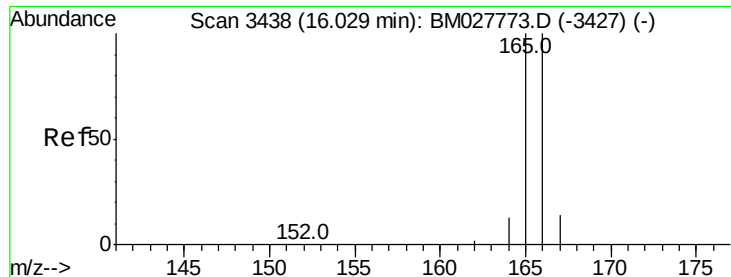
152 47.8 38.6 58.0

154 88.8 72.0 108.0



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: 0.375 ng/ul

RT: 16.03 min Scan# 3438

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

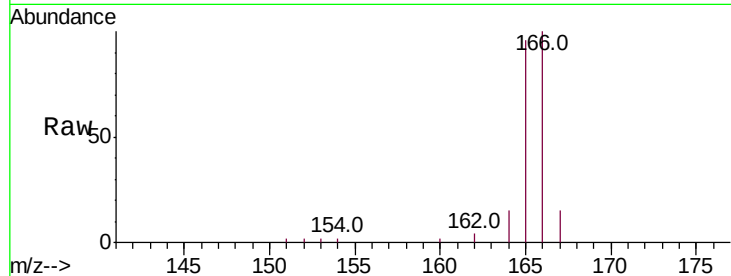
Tot Ion:166 Resp: 3521

Ion Ratio Lower Upper

166 100

165 95.6 76.9 115.3

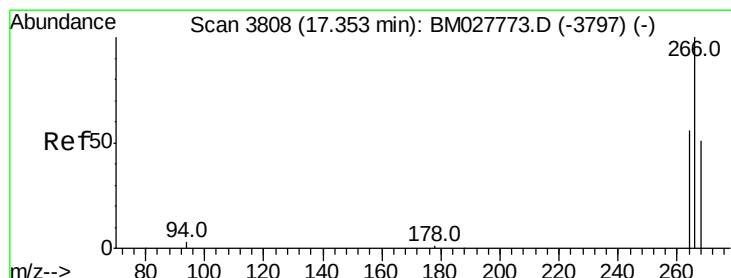
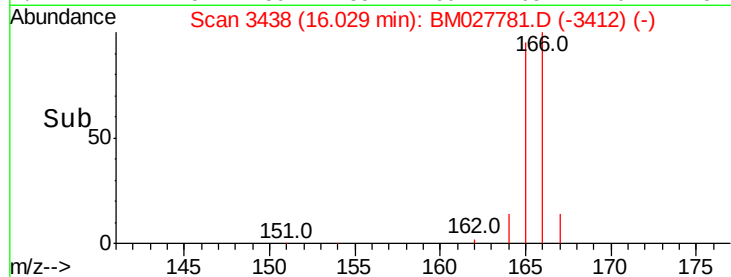
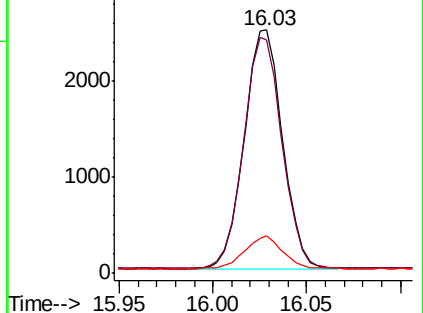
167 15.3 12.0 18.0



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



#11

Pentachlorophenol

Concen: 0.363 ng/ul

RT: 17.35 min Scan# 3807

Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

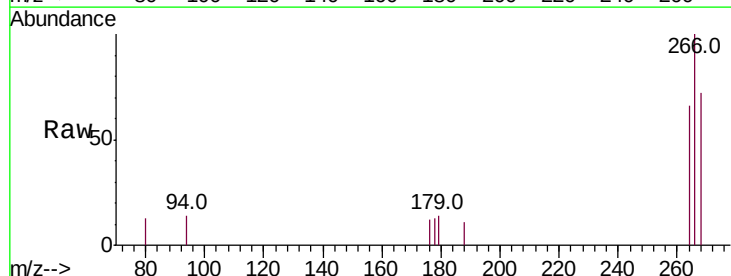
Tgt Ion:266 Resp: 572

Ion Ratio Lower Upper

266 100

264 61.0 49.0 73.6

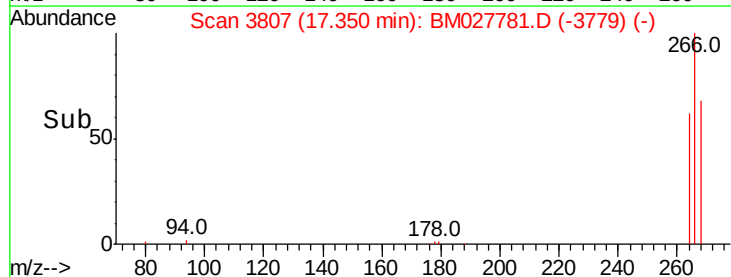
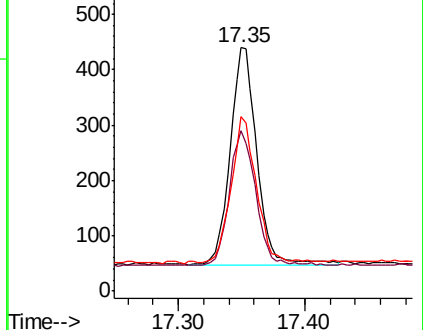
268 65.6 50.4 75.6

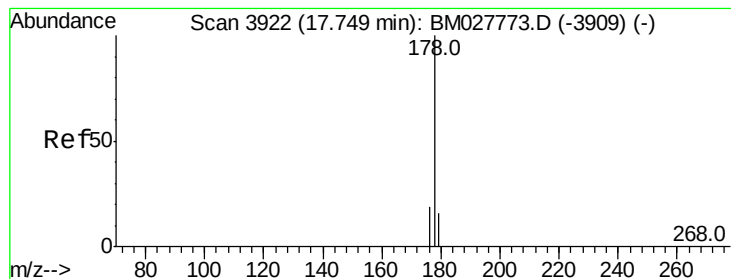


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.379 ng/ul

RT: 17.75 min Scan# 3922

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

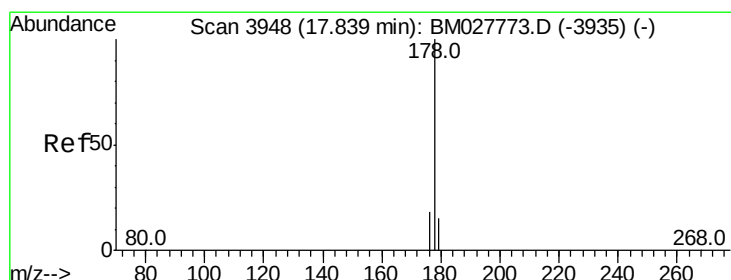
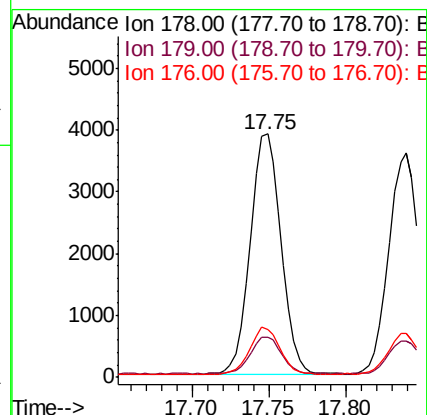
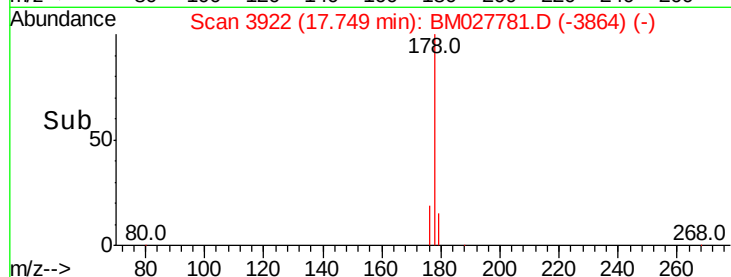
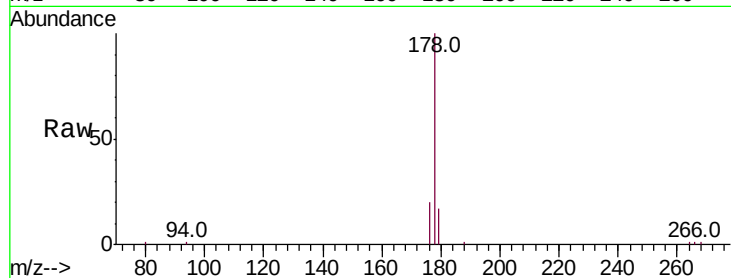
Tot Ion:178 Resp: 5391

Ion Ratio Lower Upper

178 100

179 16.5 13.5 20.3

176 19.7 16.5 24.7



#13

Anthracene

Concen: 0.369 ng/ul

RT: 17.84 min Scan# 3948

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

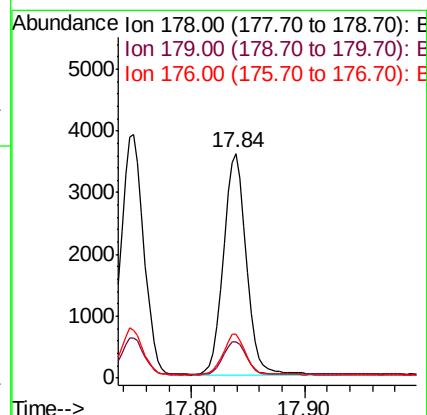
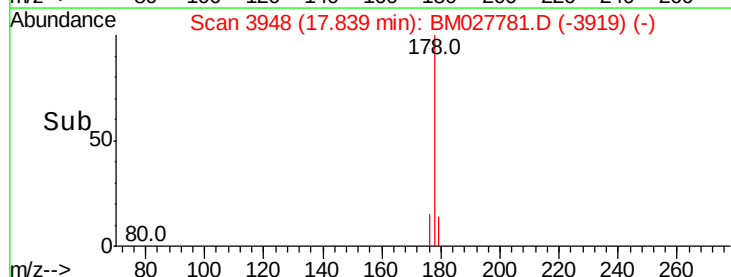
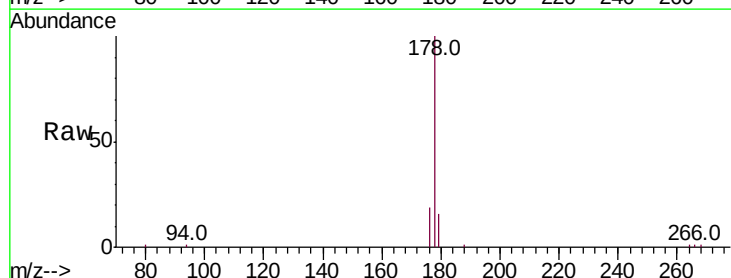
Tgt Ion:178 Resp: 5109

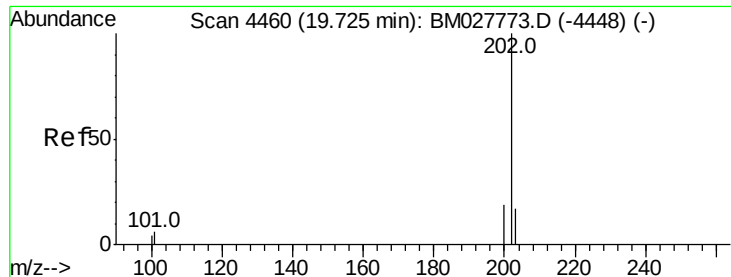
Ion Ratio Lower Upper

178 100

179 16.0 13.6 20.4

176 19.3 15.4 23.2





#15

Fluoranthene

Concen: 0.367 ng/ul

RT: 19.72 min Scan# 4459

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

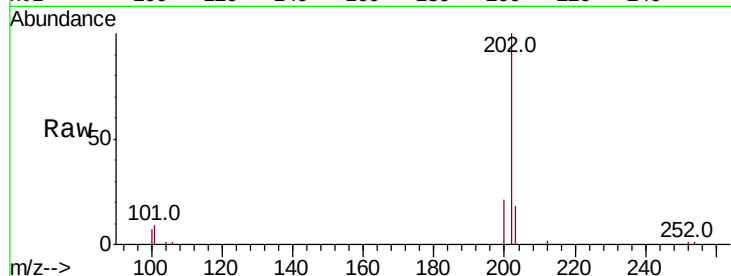
Tot Ion:202 Resp: 5969

Ion Ratio Lower Upper

202 100

101 8.9 0.0 28.0

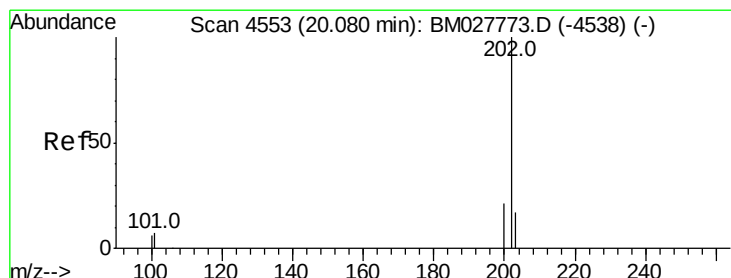
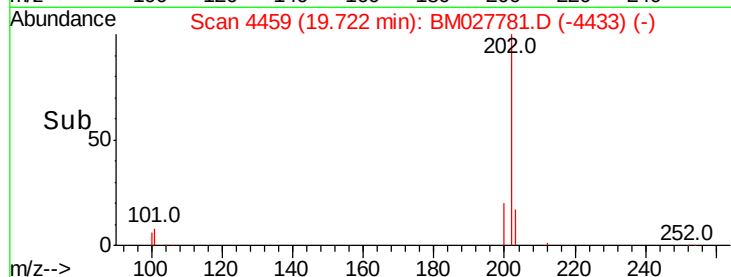
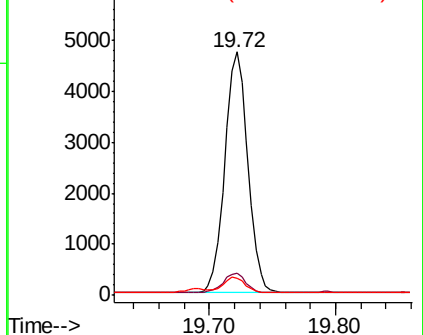
100 6.9 0.0 26.3



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



#17

Pyrene

Concen: 0.408 ng/ul

RT: 20.08 min Scan# 4553

Delta R.T. 0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

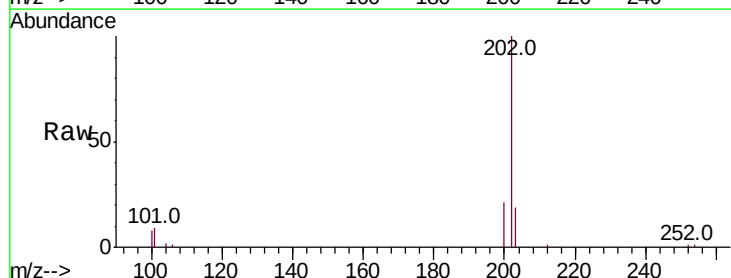
Tgt Ion:202 Resp: 5895

Ion Ratio Lower Upper

202 100

101 9.3 6.4 9.6

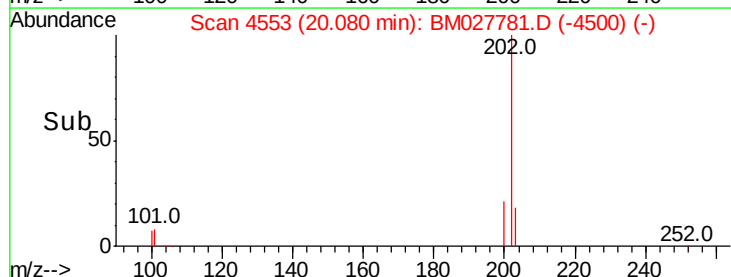
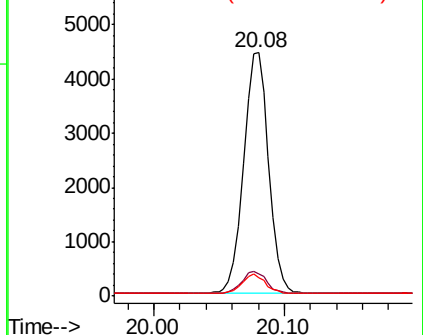
100 7.8 5.8 8.6

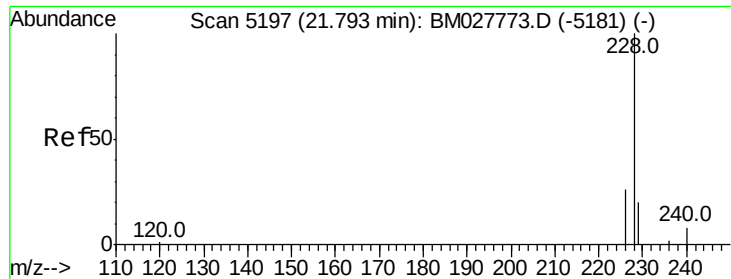


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

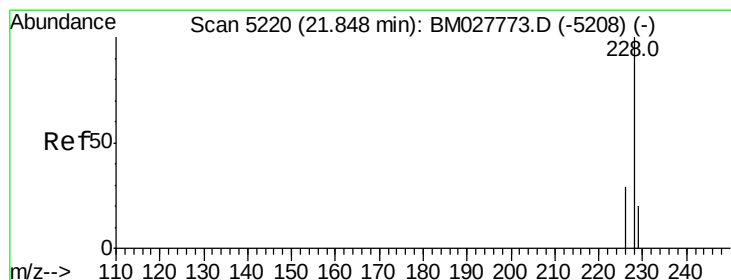
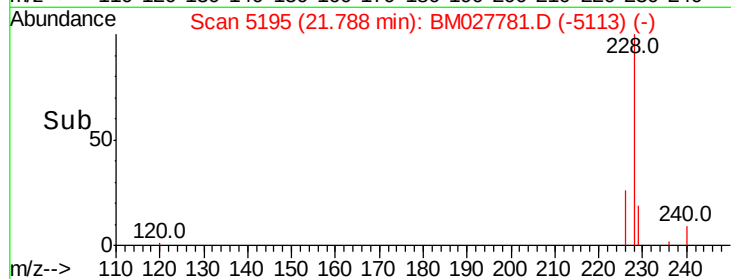
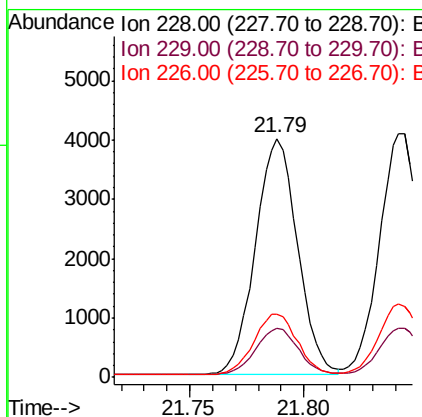
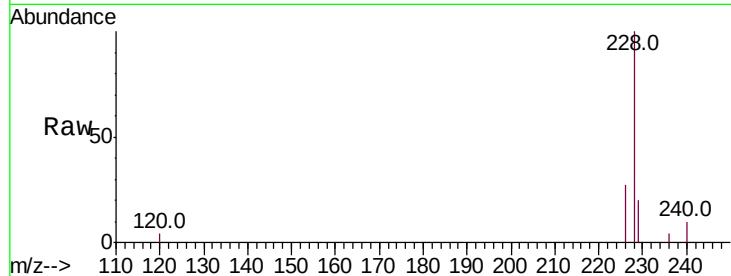




#18
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.79 min Scan# 5195
Delta R.T. -0.00 min
Lab File: BM027781.D
Acq: 10 Nov 2020 21:55

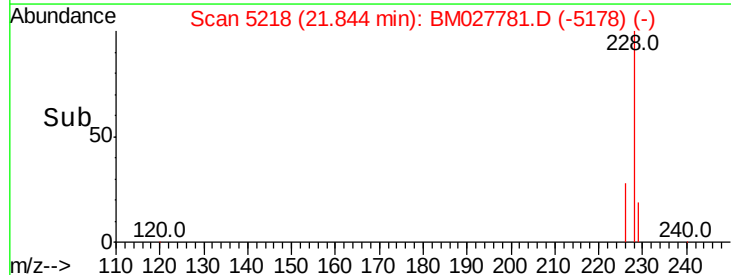
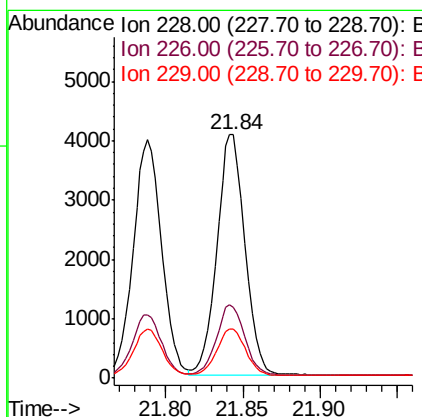
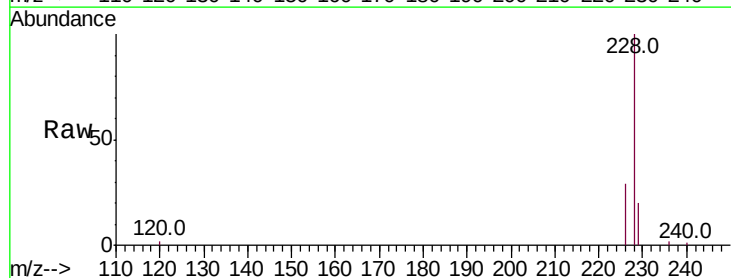
Instrument :
BNA_M
ClientSampleId :
SSTD0.484

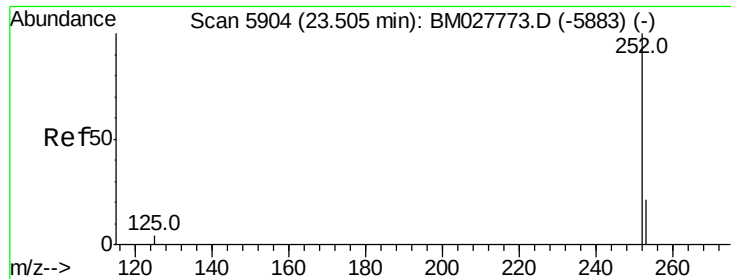
Tot Ion:228 Resp: 5078
Ion Ratio Lower Upper
228 100
229 20.3 15.9 23.9
226 26.6 22.0 33.0



#19
Chrysene
Concen: 0.388 ng/ul
RT: 21.84 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BM027781.D
Acq: 10 Nov 2020 21:55

Tgt Ion:228 Resp: 5146
Ion Ratio Lower Upper
228 100
226 29.3 24.2 36.2
229 20.2 16.8 25.2





#21

Benzo(b)fluoranthene

Concen: 0.397 ng/ul

RT: 23.50 min Scan# 5901

Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

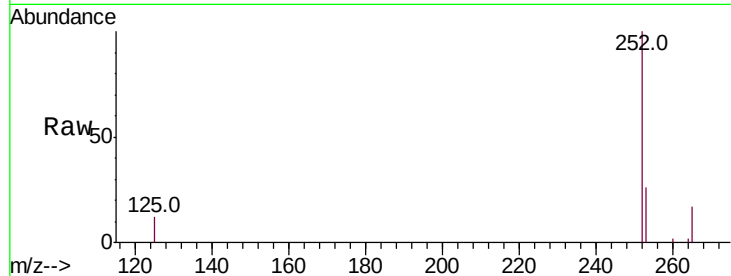
Tot Ion:252 Resp: 4743

Ion Ratio Lower Upper

252 100

253 26.3 0.0 52.2

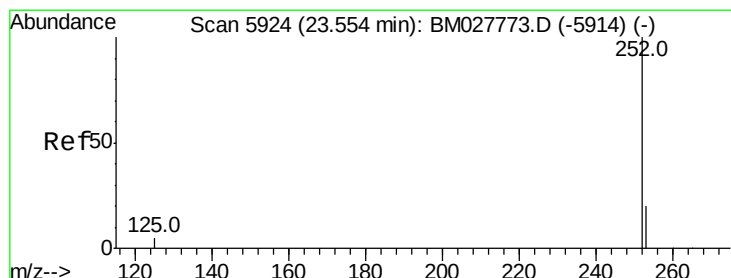
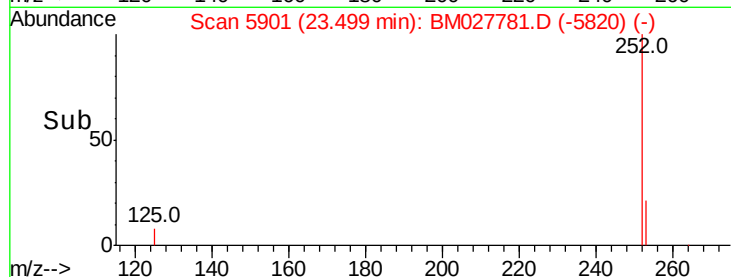
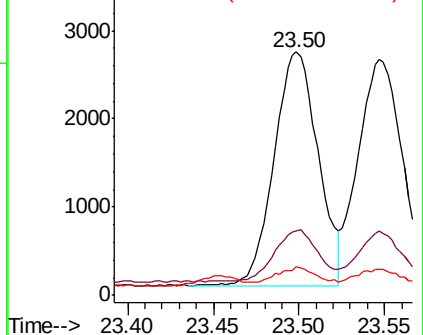
125 11.7 0.0 17.6



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



#22

Benzo(k)fluoranthene

Concen: 0.393 ng/ul

RT: 23.55 min Scan# 5921

Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

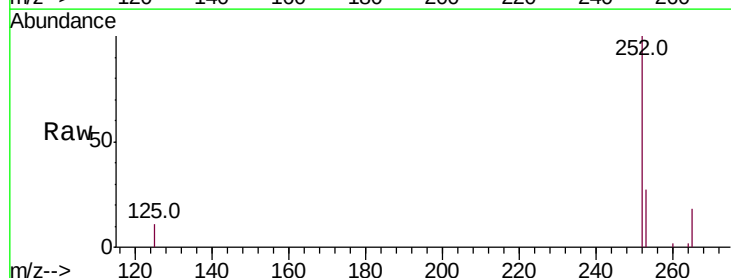
Tgt Ion:252 Resp: 4603

Ion Ratio Lower Upper

252 100

253 27.0 20.4 30.6

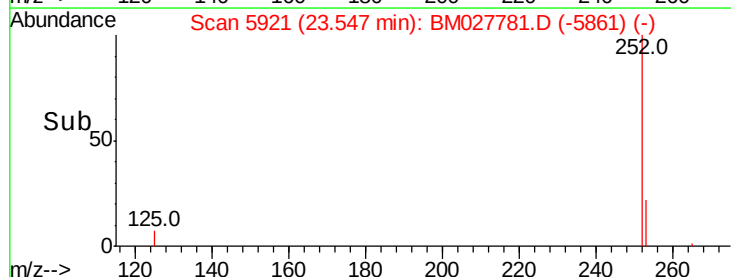
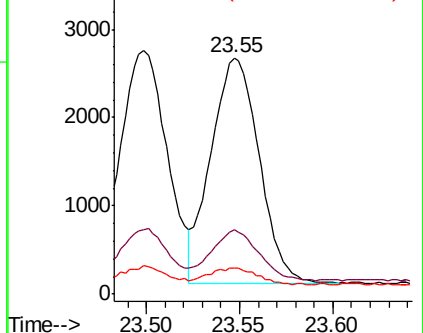
125 11.0 7.0 10.4#

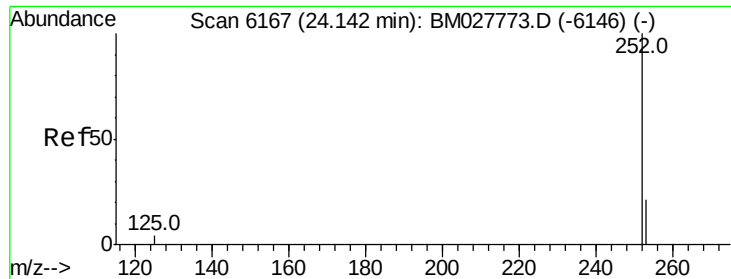


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 24.14 min Scan# 6164

Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

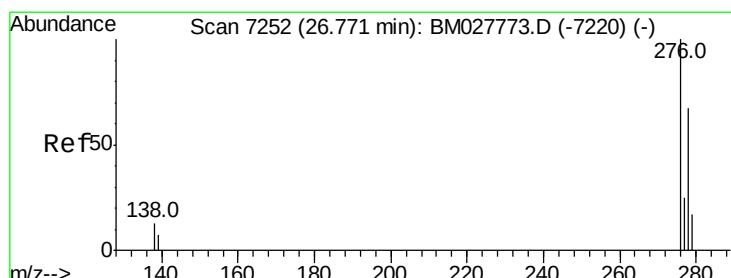
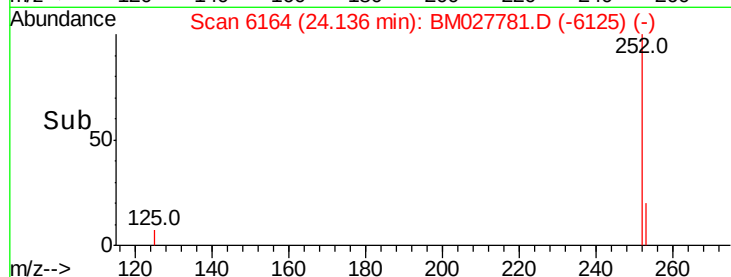
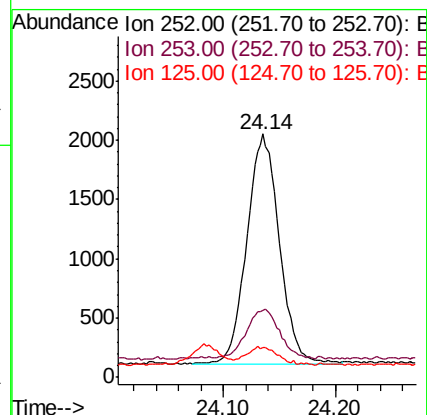
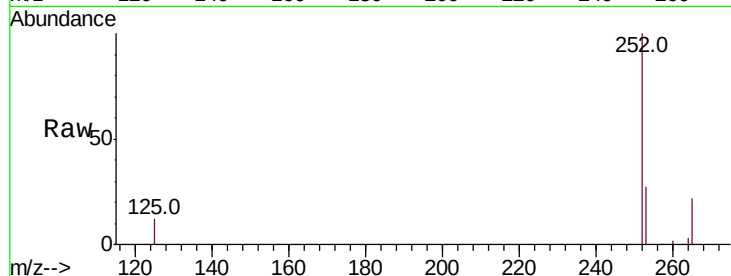
Tot Ion:252 Resp: 3917

Ion Ratio Lower Upper

252 100

253 27.5 21.0 31.6

125 12.3 7.8 11.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

RT: 26.76 min Scan# 7248

Delta R.T. -0.01 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

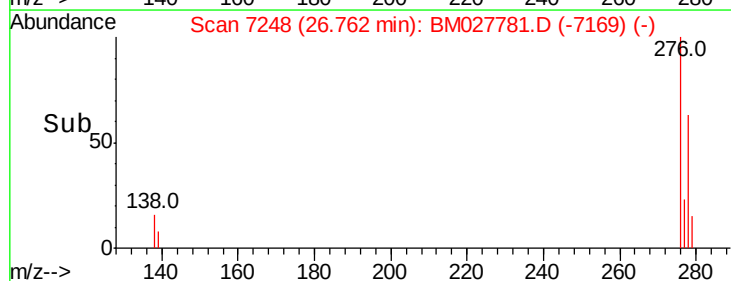
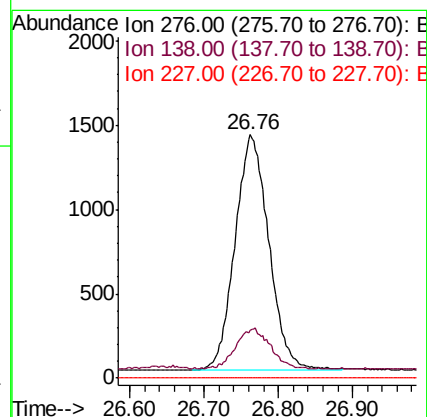
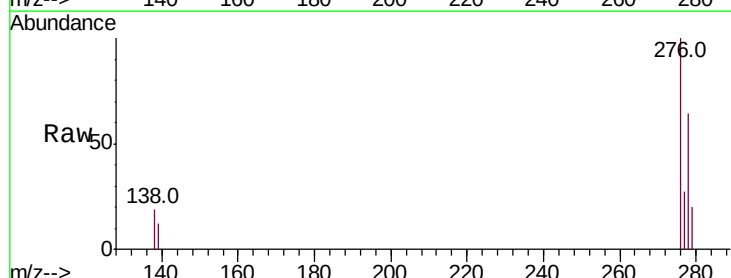
Tgt Ion:276 Resp: 4424

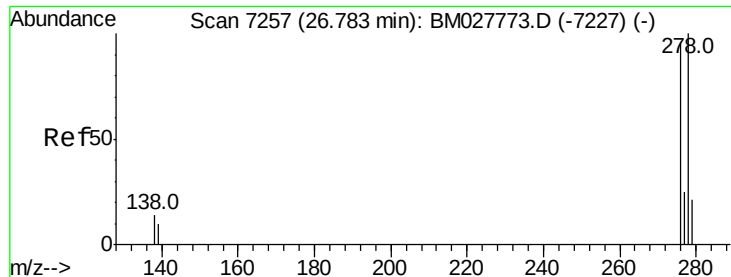
Ion Ratio Lower Upper

276 100

138 17.3 12.1 18.1

227 0.0 0.0 0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.365 ng/ul

RT: 26.77 min Scan# 7253

Delta R.T. -0.01 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

Instrument :

BNA_M

ClientSampleId :

SSTD0.484

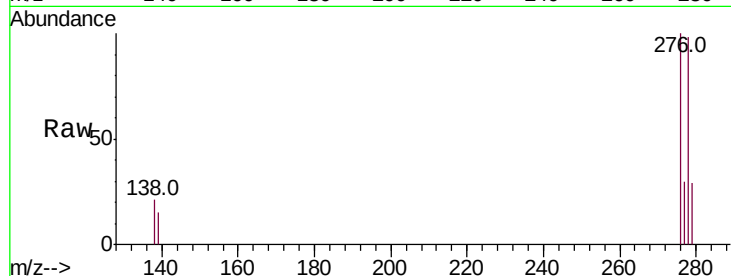
Tot Ion:278 Resp: 3648

Ion Ratio Lower Upper

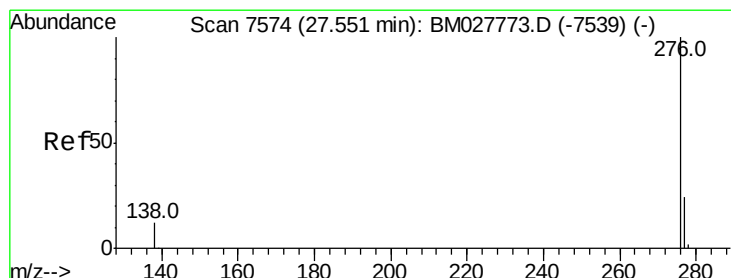
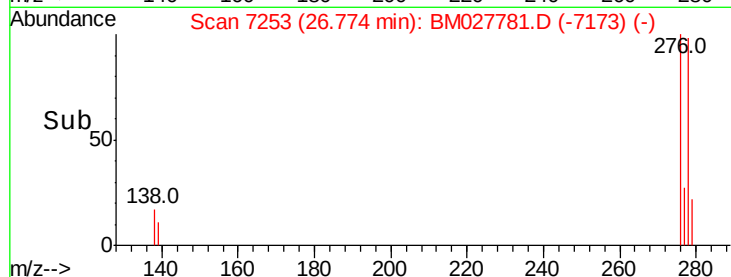
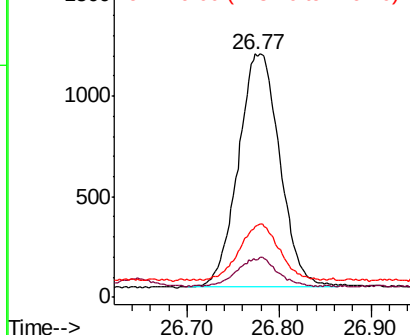
278 100

139 15.5 10.2 15.4#

279 29.1 21.9 32.9



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: 0.363 ng/ul

RT: 27.54 min Scan# 7571

Delta R.T. -0.00 min

Lab File: BM027781.D

Acq: 10 Nov 2020 21:55

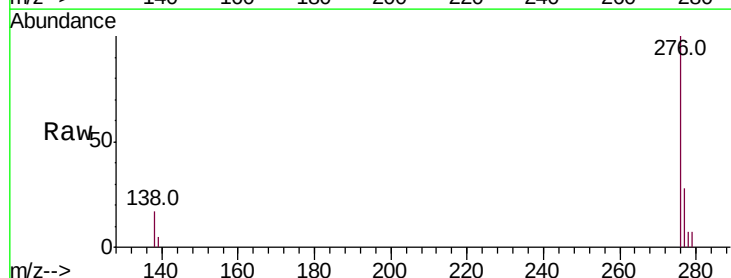
Tgt Ion:276 Resp: 3675

Ion Ratio Lower Upper

276 100

138 17.3 12.8 19.2

277 27.8 21.5 32.3



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

