

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
 Data File : BM027703.D
 Acq On : 05 Nov 2020 03:10
 Operator : JU/CG
 Sample : SSTD0.806
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8064

Quant Time: Nov 05 03:58:45 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 03:44:30 2020
 Response via : Initial Calibration

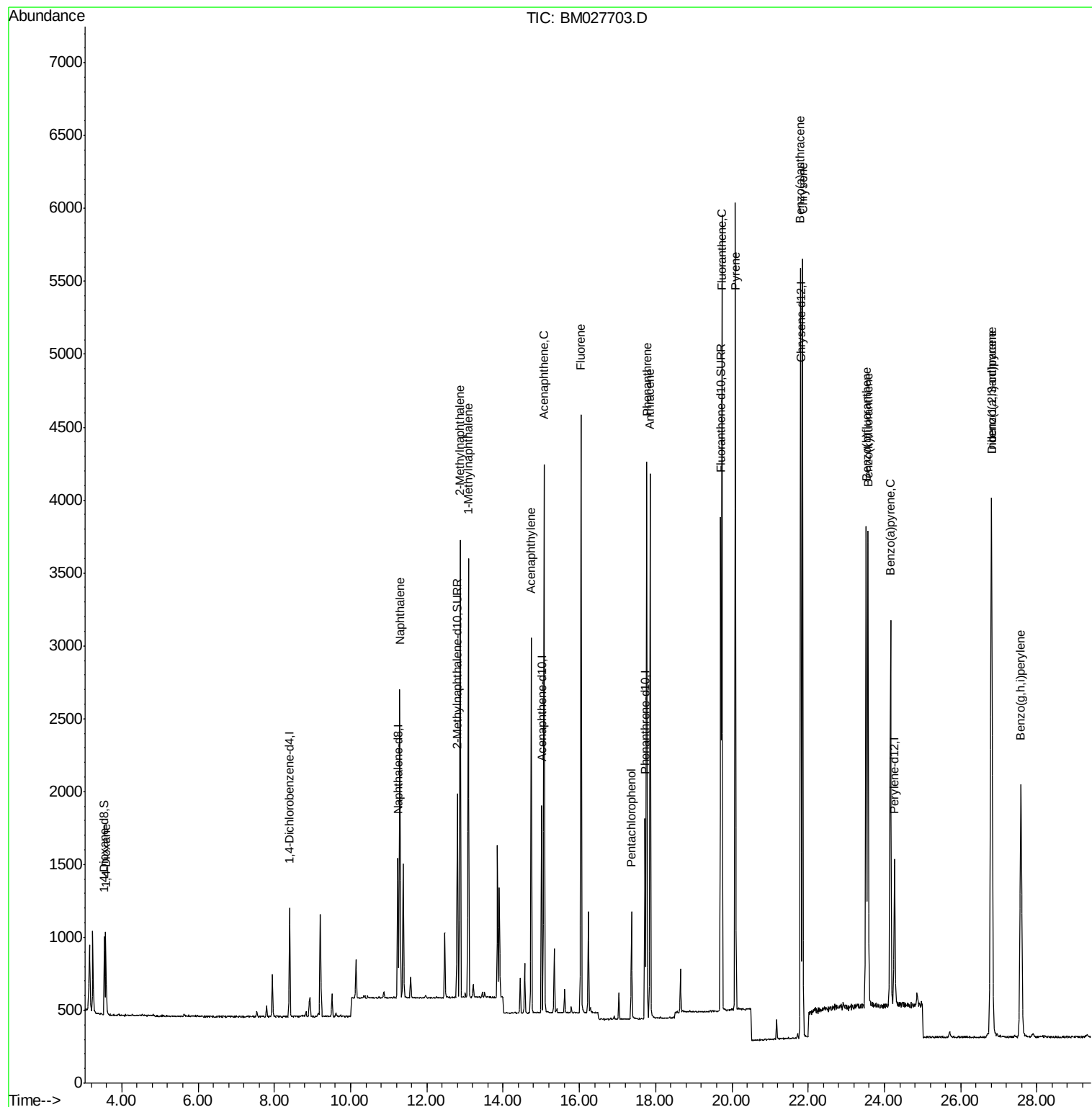
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	363	0.40	ng/ul	0.00
4) Naphthalene-d8	11.24	136	1240	0.40	ng/ul	0.00
9) Acenaphthene-d10	15.01	164	780	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.72	188	1678	0.40	ng/ul	0.00
19) Chrysene-d12	21.82	240	1514	0.40	ng/ul	0.00
23) Perylene-d12	24.27	264	1390	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	295	0.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.80	152	1690	0.85	ng/ul	0.00
17) Fluoranthene-d10	19.71	212	3746	0.85	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.58	88	317	0.628	ng/ul	95
5) Naphthalene	11.29	128	2856	0.828	ng/ul	95
7) 2-Methylnaphthalene	12.87	142	1937	0.833	ng/ul	99
8) 1-Methylnaphthalene	13.09	142	1847	0.836	ng/ul	98
10) Acenaphthylene	14.74	152	2809	0.784	ng/ul	96
11) Acenaphthene	15.07	153	2109	0.790	ng/ul	99
12) Fluorene	16.04	166	2519	0.811	ng/ul	97
14) Pentachlorophenol	17.36	266	457	0.844	ng/ul	96
15) Phenanthrene	17.77	178	3953	0.794	ng/ul	95
16) Anthracene	17.85	178	3864	0.805	ng/ul	98
18) Fluoranthene	19.74	202	4730	0.825	ng/ul	98
20) Pyrene	20.09	202	4717	0.763	ng/ul	97
21) Benzo(a)anthracene	21.80	228	4434	0.792	ng/ul	99
22) Chrysene	21.86	228	4598	0.792	ng/ul	100
24) Benzo(b)fluoranthene	23.52	252	4480	0.781	ng/ul	96
25) Benzo(k)fluoranthene	23.57	252	4494	0.786	ng/ul	95
26) Benzo(a)pyrene	24.15	252	4112	0.811	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.80	276	4912	0.835	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.81	278	4121	0.841	ng/ul	92
29) Benzo(a,h,i)perylene	27.58	276	4113	0.816	ng/ul#	91

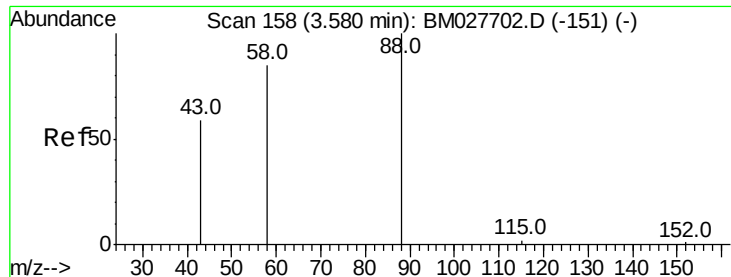
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110520\
Data File : BM027703.D
Acq On : 05 Nov 2020 03:10
Operator : JU/CG
Sample : SST0.806
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8064

Quant Time: Nov 05 03:58:45 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 03:44:30 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 0.628 ng/ul

RT: 3.58 min Scan# 158

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

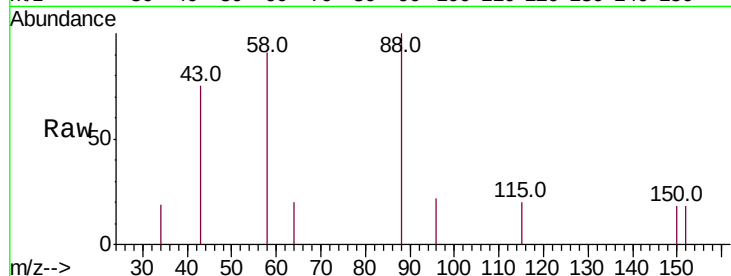
Tot Ion: 88 Resp: 317

Ion	Ratio	Lower	Upper
88	100		
43	75.5	61.8	92.6
58	91.1	67.8	101.8

88 100

43 75.5 61.8 92.6

58 91.1 67.8 101.8



Abundance Ion 88.00 (87.70 to 88.70): BM027702.D (-151) (-)

Ion 43.00 (42.70 to 43.70): BM027702.D (-151) (-)

Ion 58.00 (57.70 to 58.70): BM027702.D (-151) (-)

Time-->

3.58

300

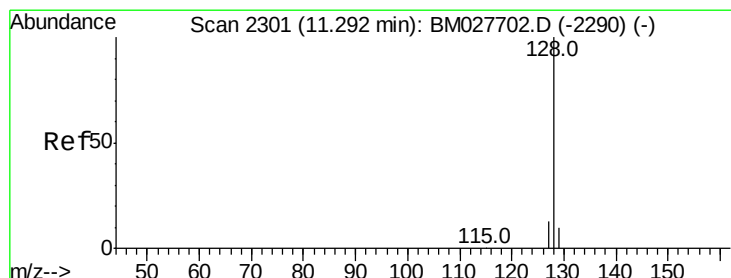
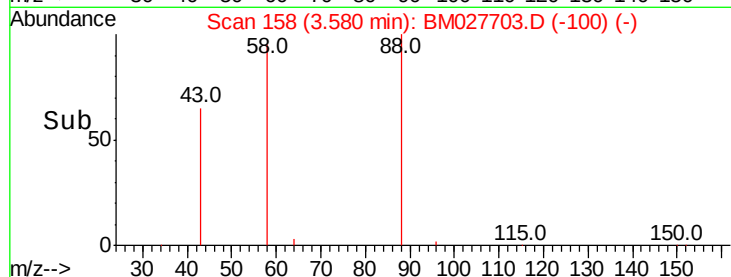
200

100

0

3.55 3.60 3.65

Time-->



#5

Naphthalene

Concen: 0.828 ng/ul

RT: 11.29 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

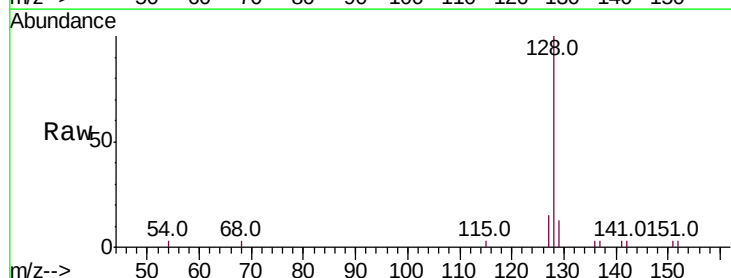
Tgt Ion: 128 Resp: 2856

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.7	17.5
127	15.0	14.0	21.0

128 100

129 12.6 11.7 17.5

127 15.0 14.0 21.0



Abundance Ion 128.00 (127.70 to 128.70): BM027702.D (-2290) (-)

Ion 129.00 (128.70 to 129.70): BM027702.D (-2290) (-)

Ion 127.00 (126.70 to 127.70): BM027702.D (-2290) (-)

Time-->

11.29

2000

1500

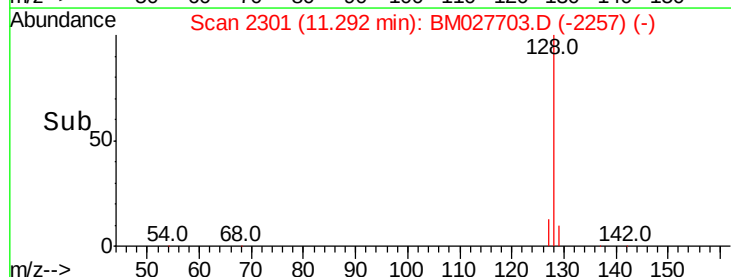
1000

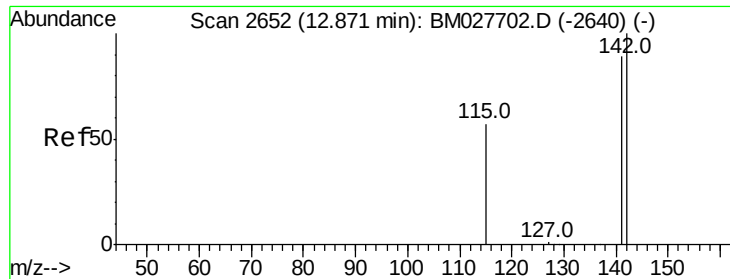
500

0

11.20 11.25 11.30 11.35

Time-->





#7

2-Methylnaphthalene

Concen: 0.833 ng/ul

RT: 12.87 min Scan# 2652

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

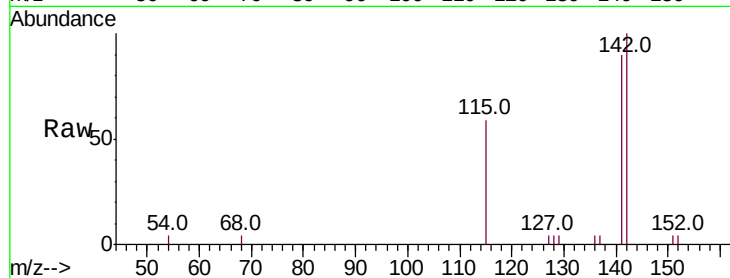
SSTD0.8064

Tot Ion:142 Resp: 1937

Ion Ratio Lower Upper

142 100

141 89.8 71.2 106.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.87

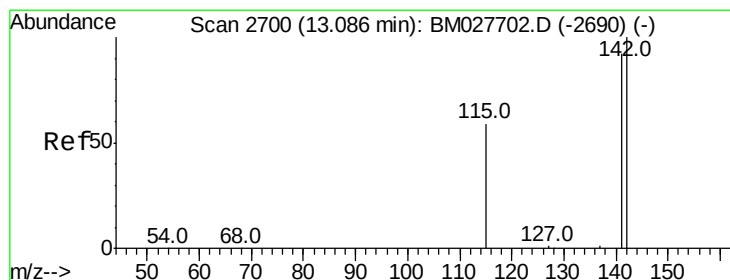
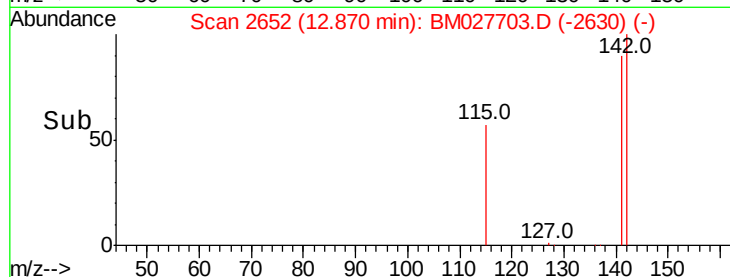
1500

1000

500

0

Time-->



#8

1-Methylnaphthalene

Concen: 0.836 ng/ul

RT: 13.09 min Scan# 2701

Delta R.T. 0.00 min

Lab File: BM027703.D

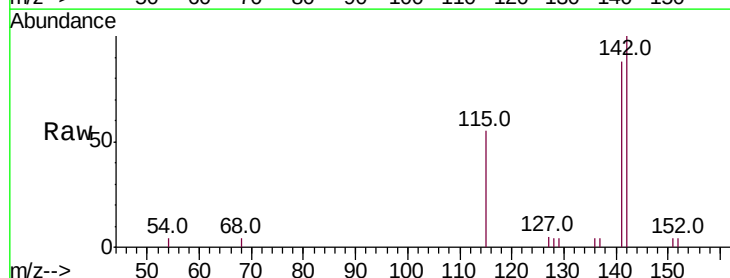
Acq: 05 Nov 2020 03:10

Tgt Ion:142 Resp: 1847

Ion Ratio Lower Upper

142 100

141 91.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

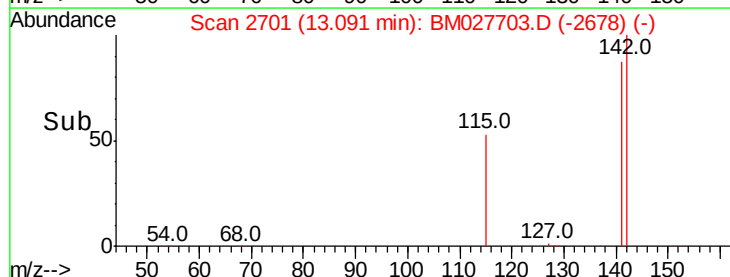
13.09

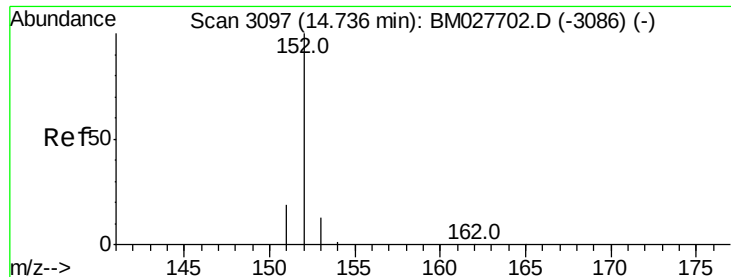
1000

500

0

Time-->





#10

Acenaphthylene

Concen: 0.784 ng/ul

RT: 14.74 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

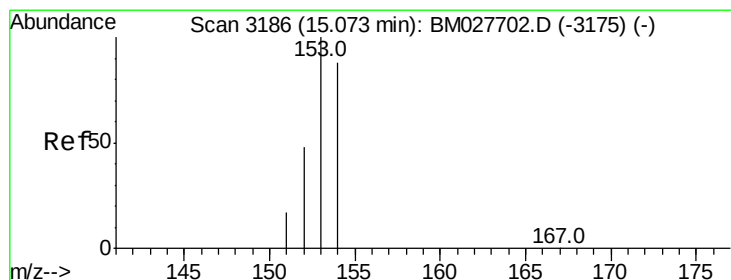
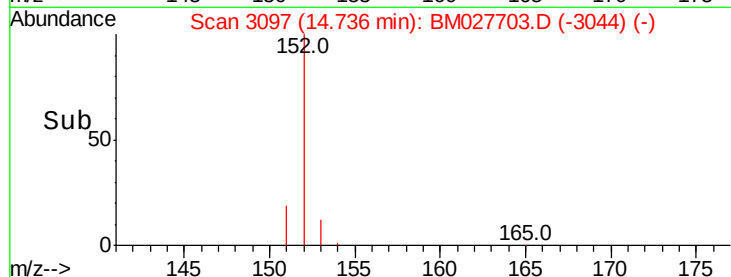
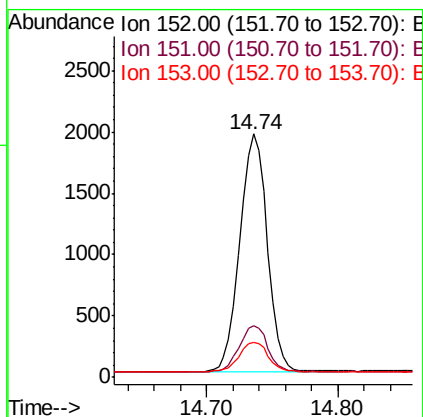
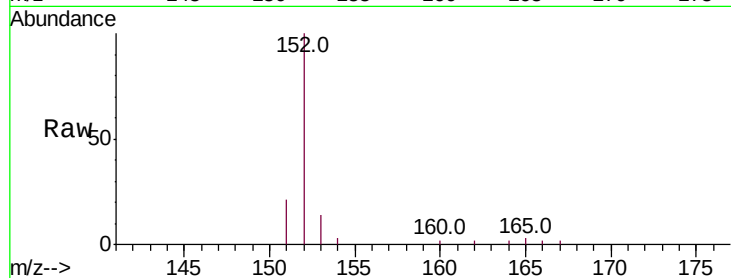
Tot Ion:152 Resp: 2809

Ion Ratio Lower Upper

152 100

151 21.4 17.8 26.8

153 14.4 13.5 20.3



#11

Acenaphthene

Concen: 0.790 ng/ul

RT: 15.07 min Scan# 3186

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

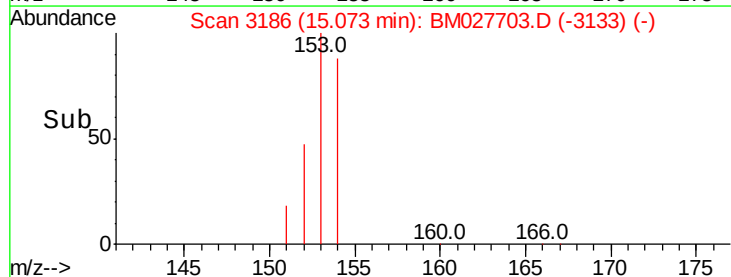
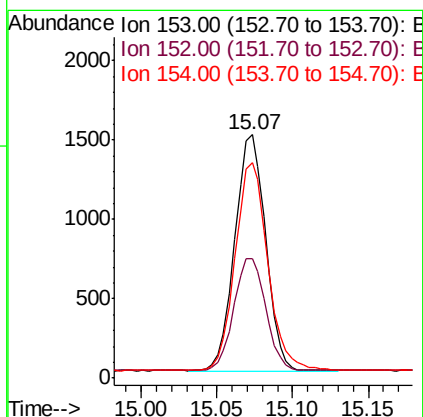
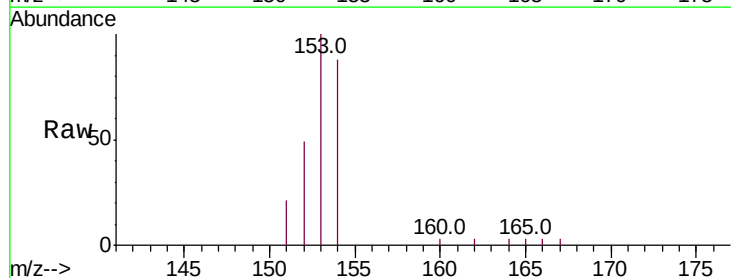
Tgt Ion:153 Resp: 2109

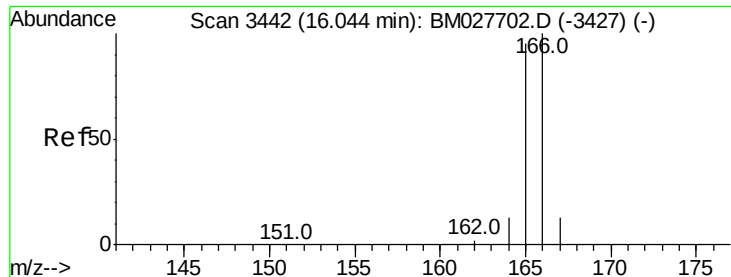
Ion Ratio Lower Upper

153 100

152 48.9 40.6 60.8

154 88.4 71.0 106.4





#12

Fluorene

Concen: 0.811 ng/ul

RT: 16.04 min Scan# 3442

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

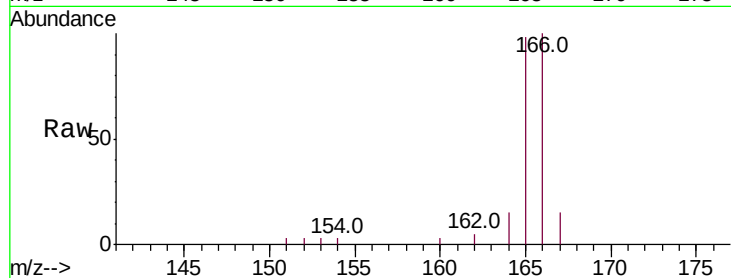
Tot Ion:166 Resp: 2519

Ion Ratio Lower Upper

166 100

165 97.9 76.2 114.4

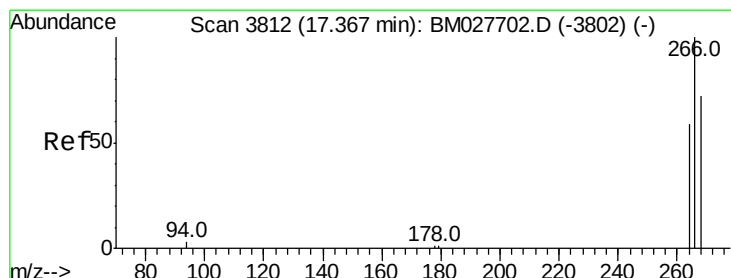
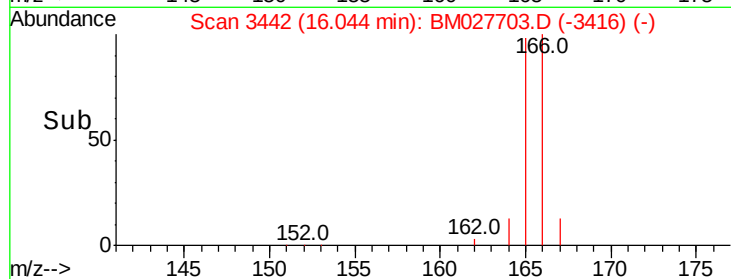
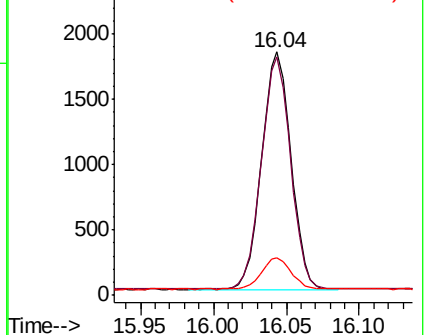
167 15.3 13.7 20.5



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: 0.844 ng/ul

RT: 17.36 min Scan# 3811

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

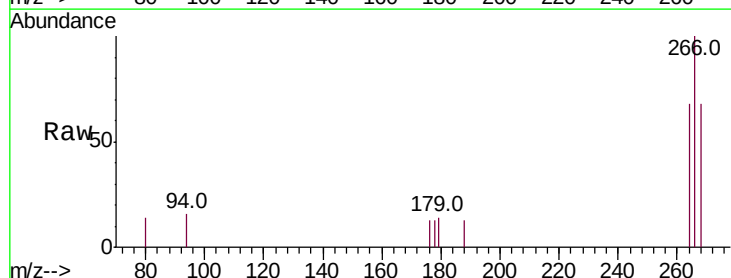
Tgt Ion:266 Resp: 457

Ion Ratio Lower Upper

266 100

264 64.1 48.2 72.4

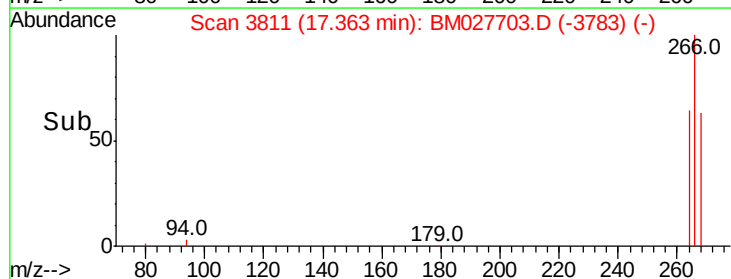
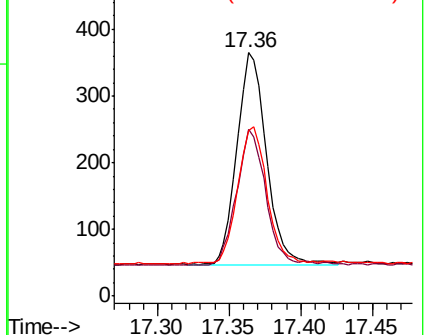
268 64.3 53.4 80.0

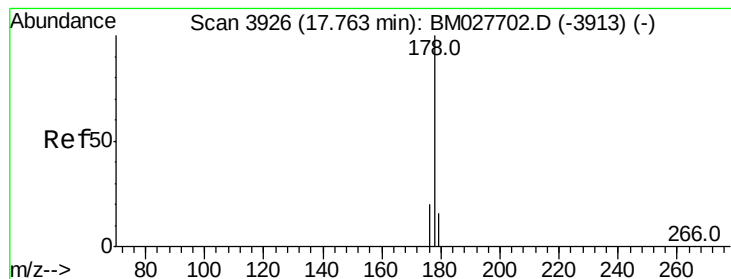


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#15

Phenanthrene

Concen: 0.794 ng/ul

RT: 17.77 min Scan# 3927

Delta R.T. 0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

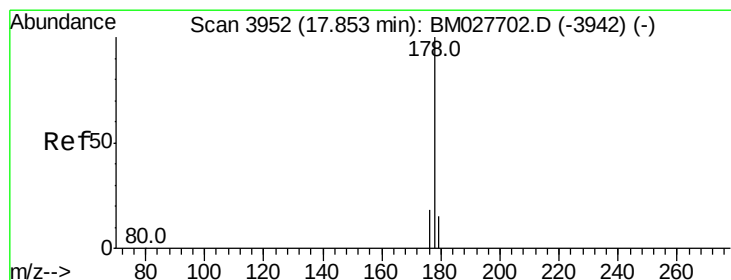
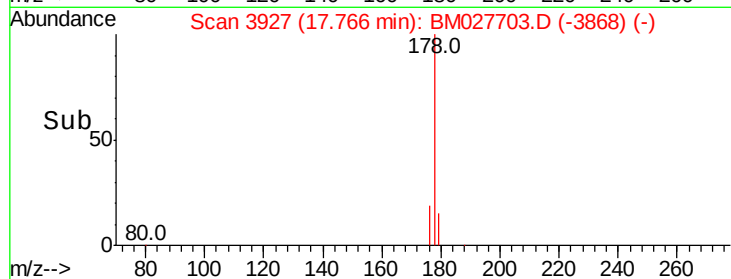
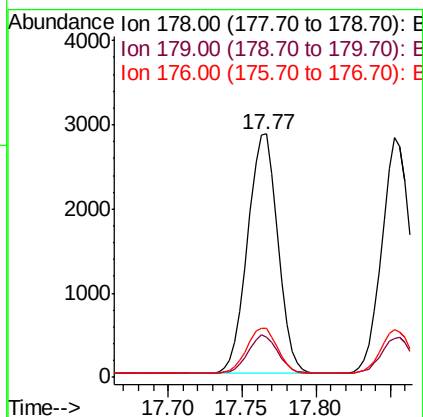
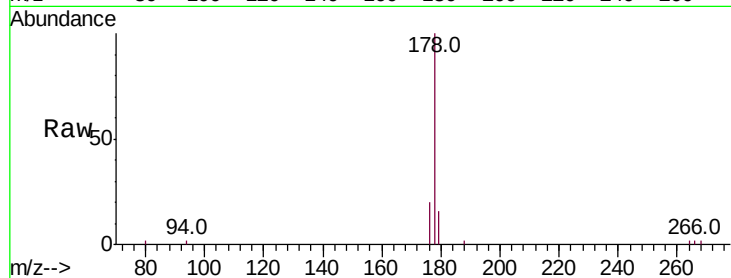
Tot Ion:178 Resp: 3953

Ion Ratio Lower Upper

178 100

179 16.4 14.6 22.0

176 20.2 18.2 27.2



#16

Anthracene

Concen: 0.805 ng/ul

RT: 17.85 min Scan# 3952

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

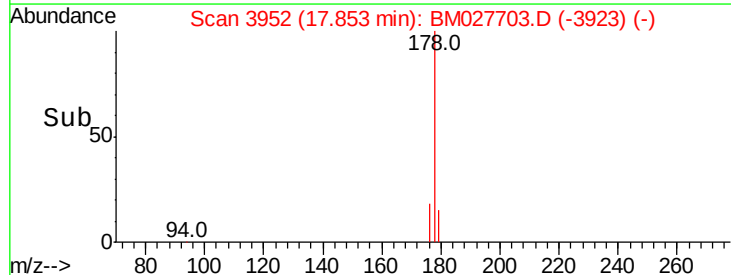
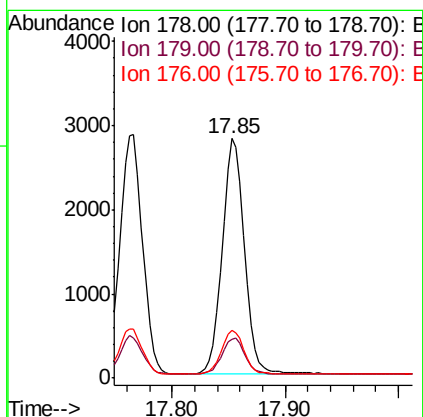
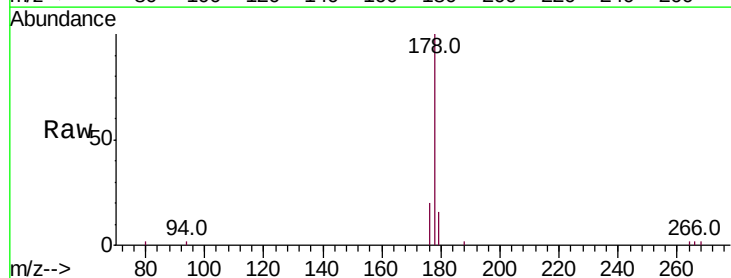
Tgt Ion:178 Resp: 3864

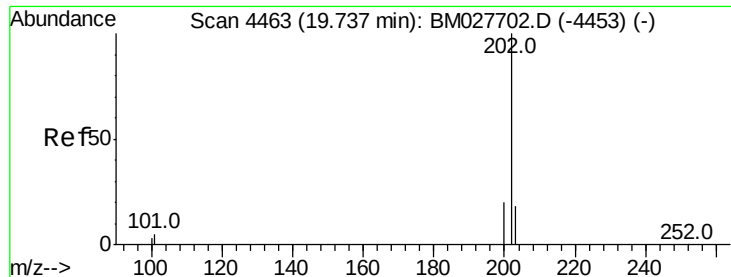
Ion Ratio Lower Upper

178 100

179 16.4 14.1 21.1

176 19.9 16.3 24.5

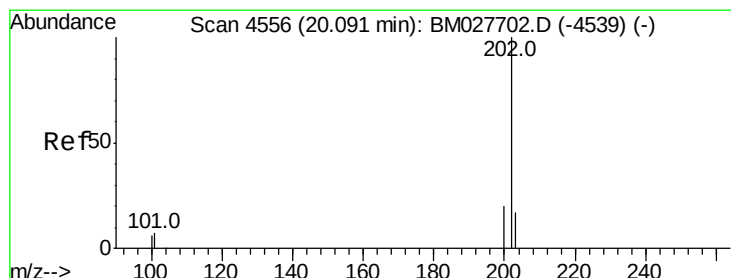
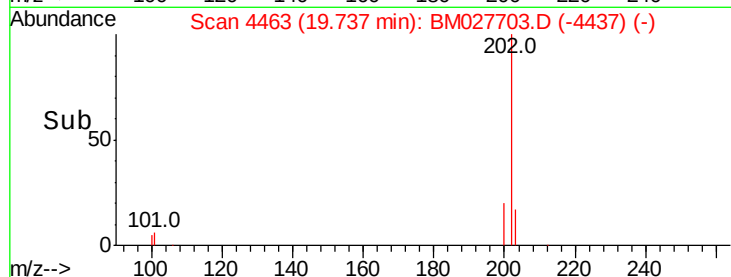
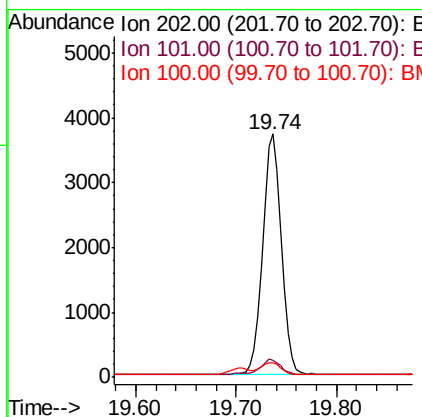
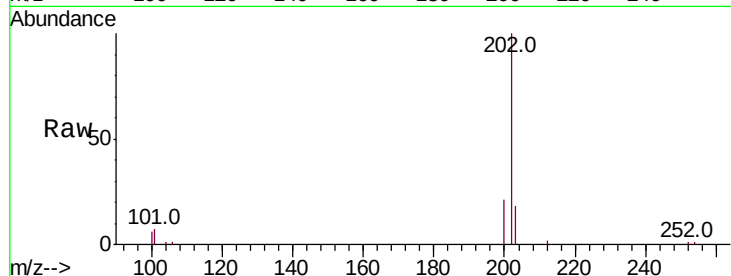




#18
Fluoranthene
 Concen: 0.825 ng/ul
 RT: 19.74 min Scan# 4463
 Delta R.T. -0.00 min
 Lab File: BM027703.D
 Acq: 05 Nov 2020 03:10

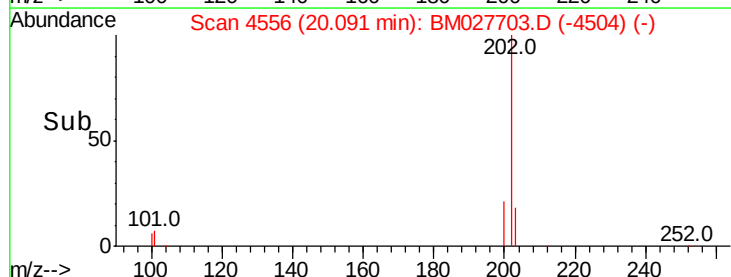
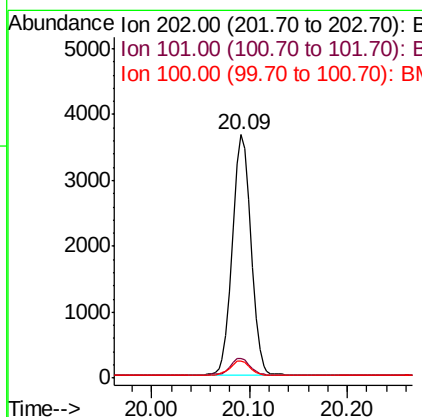
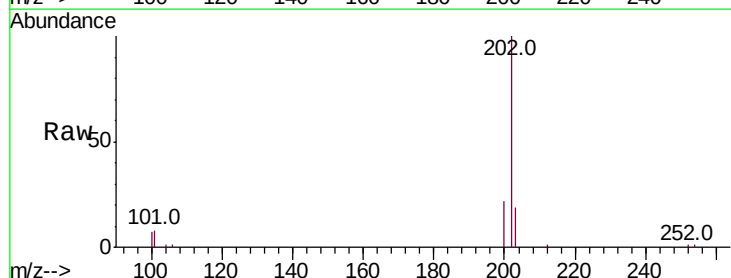
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.8064

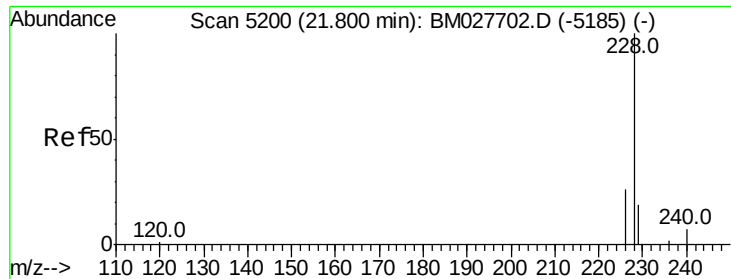
Tot Ion:202 Resp: 4730
 Ion Ratio Lower Upper
 202 100
 101 7.2 6.1 9.1
 100 6.0 5.8 8.6



#20
Pyrene
 Concen: 0.763 ng/ul
 RT: 20.09 min Scan# 4556
 Delta R.T. -0.00 min
 Lab File: BM027703.D
 Acq: 05 Nov 2020 03:10

Tgt Ion:202 Resp: 4717
 Ion Ratio Lower Upper
 202 100
 101 8.0 7.4 11.0
 100 7.2 6.6 9.8





#21

Benzo(a)anthracene

Concen: 0.792 ng/ul

RT: 21.80 min Scan# 5200

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

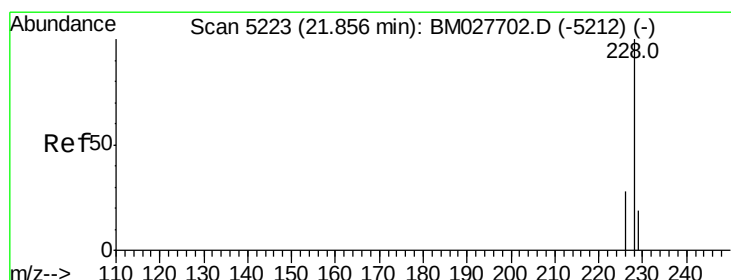
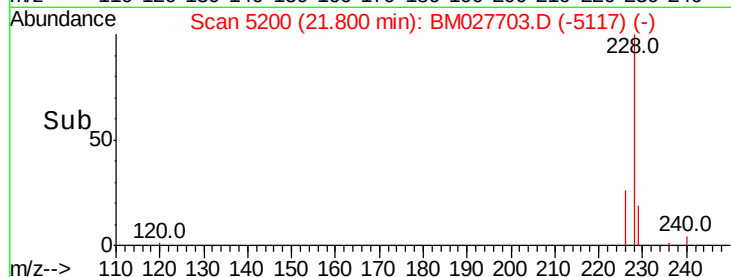
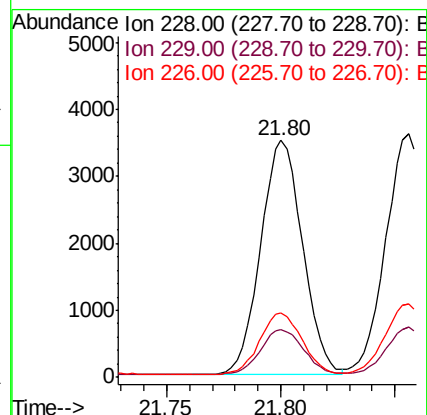
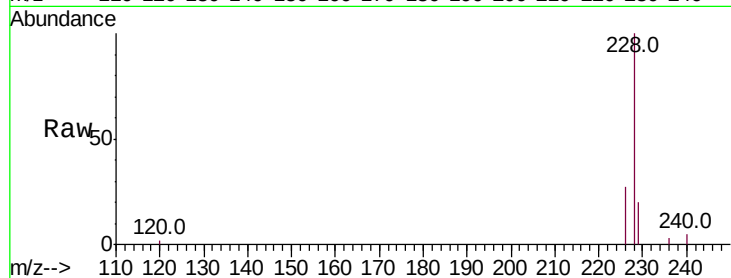
Tot Ion:228 Resp: 4434

Ion Ratio Lower Upper

228 100

229 20.3 17.0 25.4

226 27.1 22.0 33.0



#22

Chrysene

Concen: 0.792 ng/ul

RT: 21.86 min Scan# 5223

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

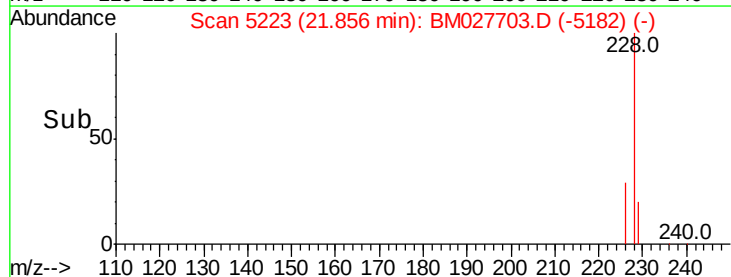
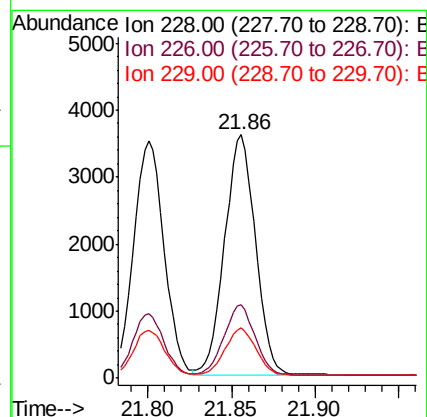
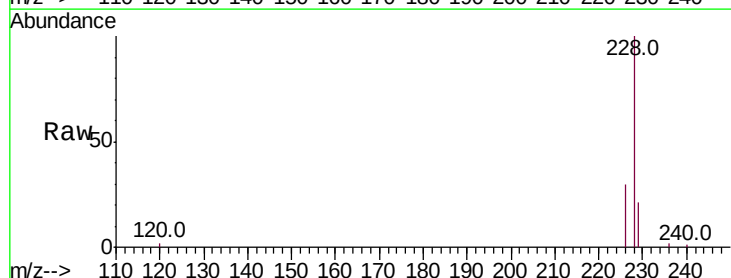
Tgt Ion:228 Resp: 4598

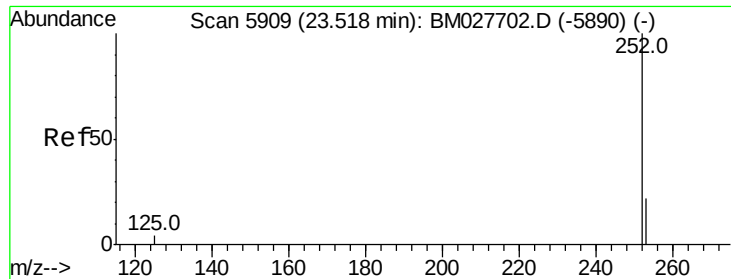
Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 20.9 16.9 25.3





#24

Benzo(b)fluoranthene

Concen: 0.781 ng/ul

RT: 23.52 min Scan# 5909

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

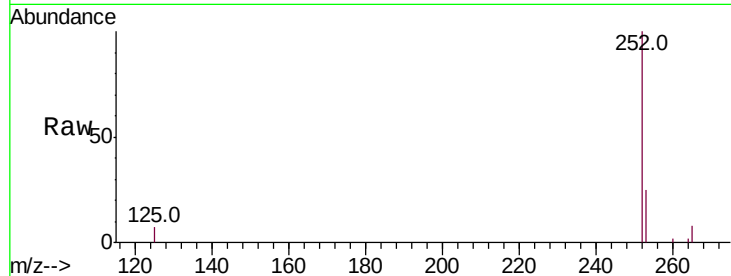
Tot Ion:252 Resp: 4480

Ion Ratio Lower Upper

252 100

253 24.6 0.0 53.0

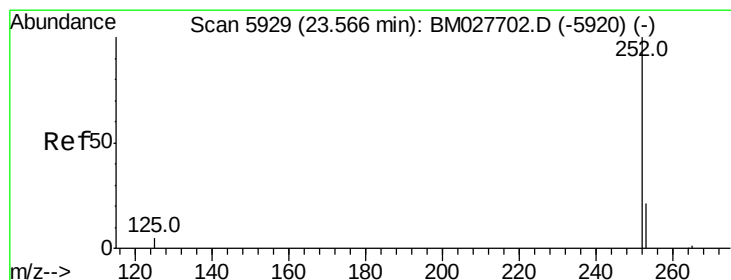
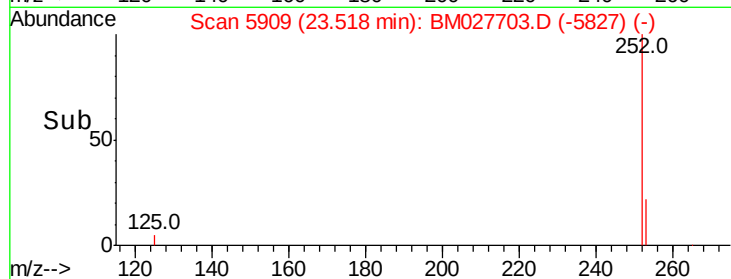
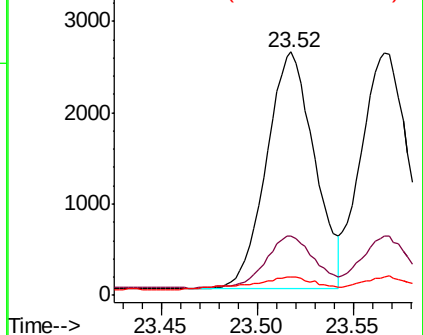
125 7.5 0.0 17.6



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: 0.786 ng/ul

RT: 23.57 min Scan# 5929

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

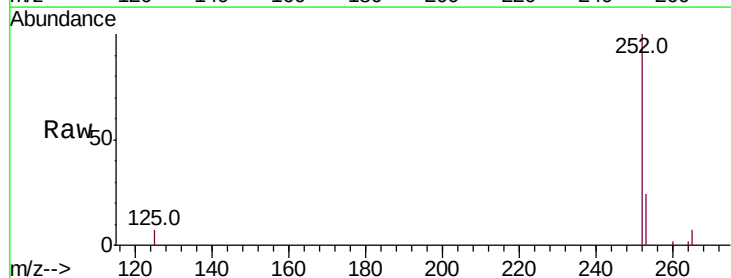
Tgt Ion:252 Resp: 4494

Ion Ratio Lower Upper

252 100

253 24.3 21.4 32.2

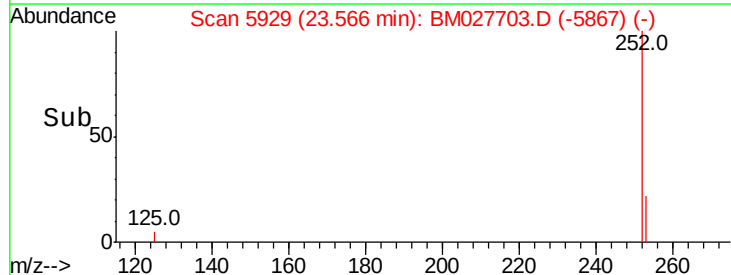
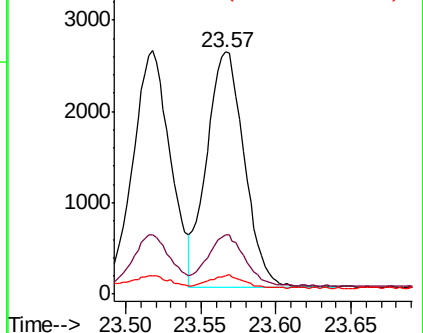
125 7.4 7.4 11.0

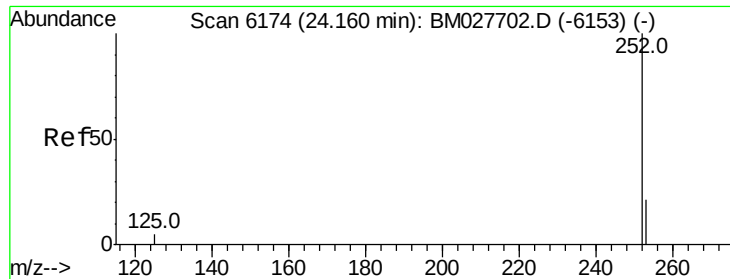


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.811 ng/ul

RT: 24.15 min Scan# 6172

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

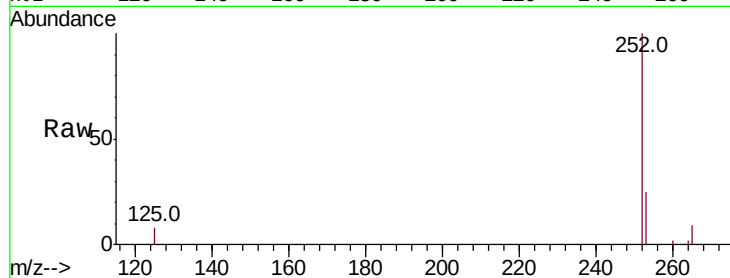
Tot Ion:252 Resp: 4112

Ion Ratio Lower Upper

252 100

253 24.6 22.3 33.5

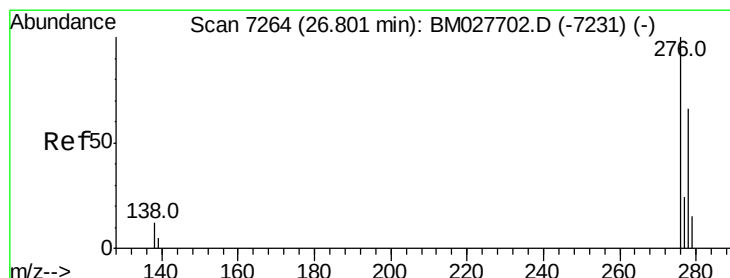
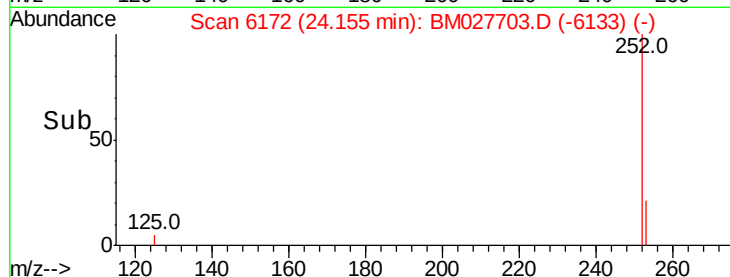
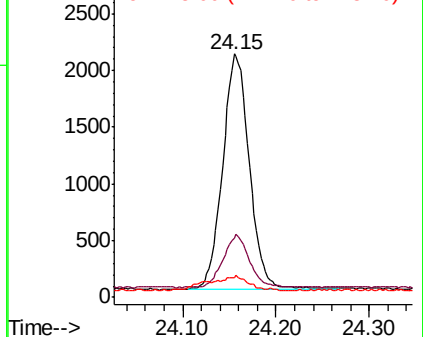
125 8.2 8.8 13.2#



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: 0.835 ng/ul

RT: 26.80 min Scan# 7263

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

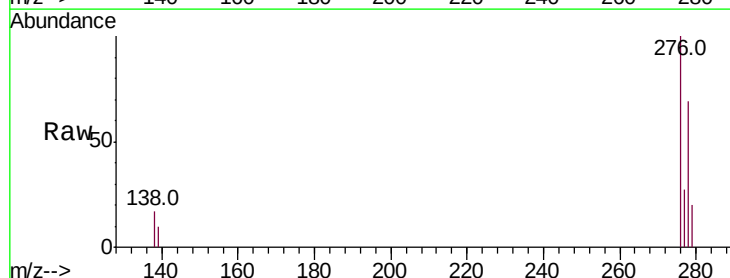
Tgt Ion:276 Resp: 4912

Ion Ratio Lower Upper

276 100

138 13.9 11.0 16.6

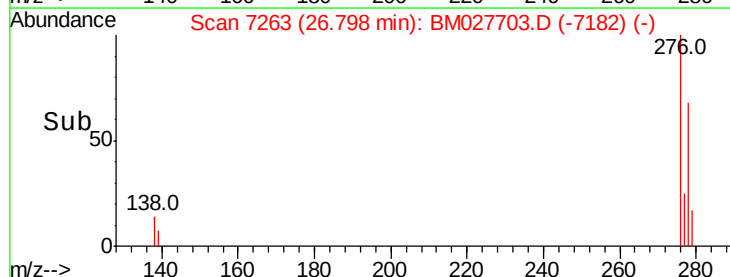
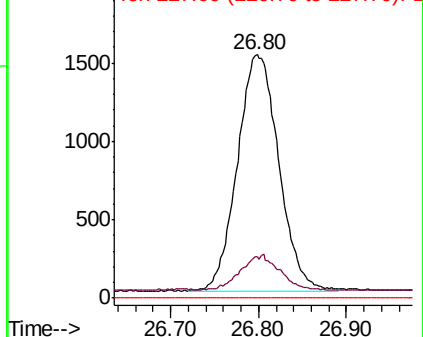
227 0.0 0.0 0.0

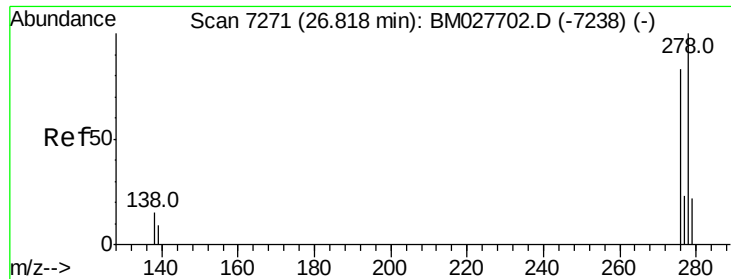


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#28

Dibenzo(a,h)anthracene

Concen: 0.841 ng/ul

RT: 26.81 min Scan# 7269

Delta R.T. -0.00 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

Instrument :

BNA_M

ClientSampleId :

SSTD0.8064

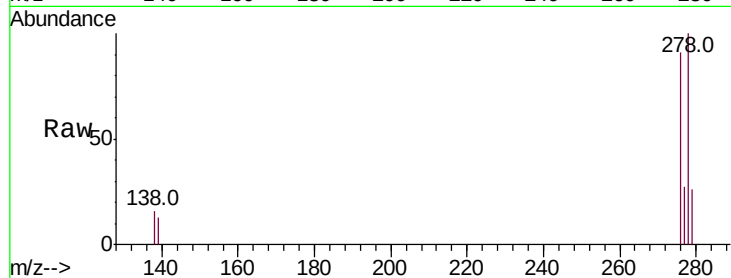
Tot Ion:278 Resp: 4121

Ion Ratio Lower Upper

278 100

139 12.9 12.6 18.8

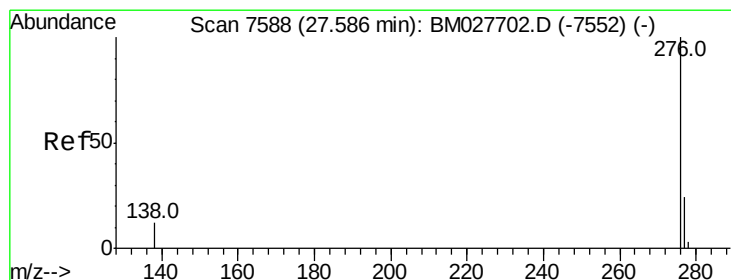
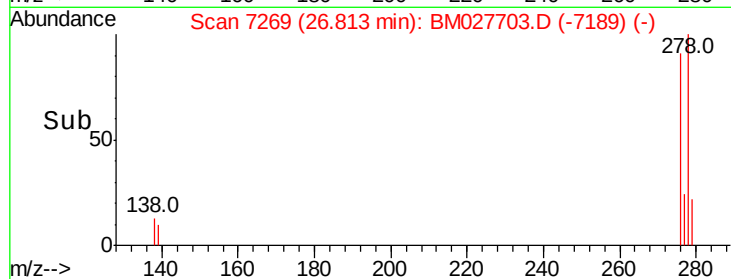
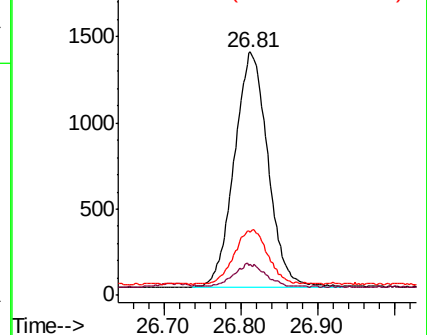
279 26.1 24.3 36.5



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



#29

Benzo(g,h,i)perylene

Concen: 0.816 ng/ul

RT: 27.58 min Scan# 7584

Delta R.T. -0.01 min

Lab File: BM027703.D

Acq: 05 Nov 2020 03:10

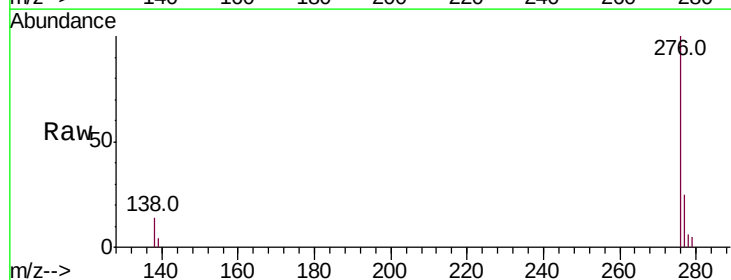
Tgt Ion:276 Resp: 4113

Ion Ratio Lower Upper

276 100

138 14.3 15.0 22.4#

277 25.2 24.2 36.2



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

