

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
 Data File : BM022177.D
 Acq On : 16 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4242-06 DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 17 04:14:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 14:59:47 2019
 Response via : Initial Calibration

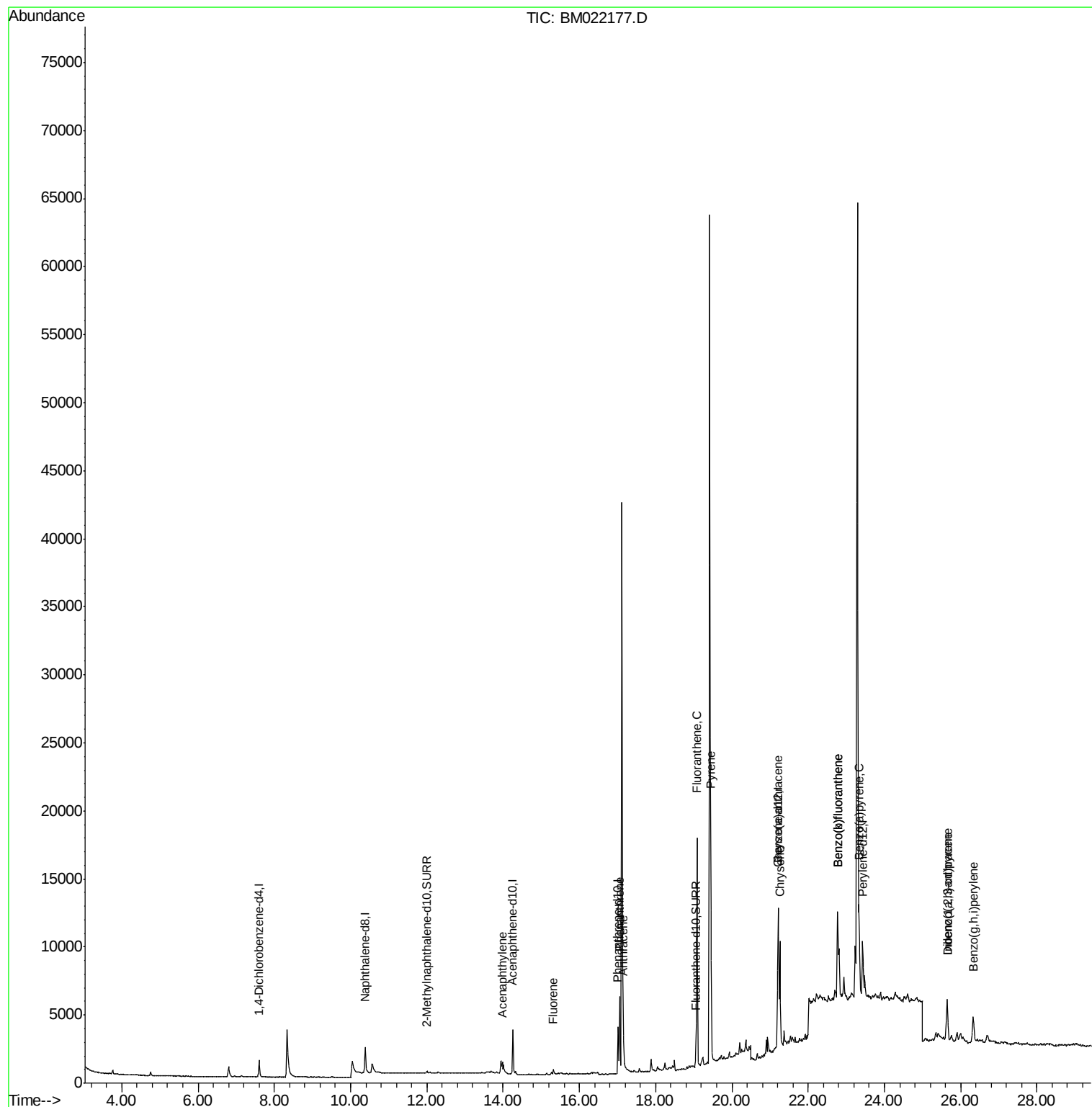
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	738	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.38	136	3288	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.25	164	1996	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	4606	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	4925	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	5340	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	323	0.06	ng/ul	-0.01
14) Fluoranthene-d10	19.05	212	1006	0.06	ng/ul	-0.02
Target Compounds				Ovalue		
7) Acenaphthylene	13.98	152	1058	0.114	ng/ul#	80
9) Fluorene	15.32	166	357	0.042	ng/ul#	92
12) Phenanthrene	17.06	178	6489	0.484	ng/ul	99
13) Anthracene	17.15	178	1810	0.158	ng/ul#	93
15) Fluoranthene	19.08	202	15439	0.860	ng/ul	96
17) Pyrene	19.45	202	14084	0.696	ng/ul	99
18) Benzo(a)anthracene	21.21	228	9483	0.538	ng/ul#	88
19) Chrysene	21.26	228	7657	0.338	ng/ul#	86
21) Benzo(b)fluoranthene	22.77	252	14955	0.830	ng/ul#	79
22) Benzo(k)fluoranthene	22.77	252	14955	0.734	ng/ul#	79
23) Benzo(a)pyrene	23.33	252	7814	0.427	ng/ul#	79
24) Indeno(1,2,3-cd)pyrene	25.65	276	5226	0.239	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.64	278	1370	0.078	ng/ul#	1
26) Benzo(g,h,i)perylene	26.33	276	4215	0.214	ng/ul#	61

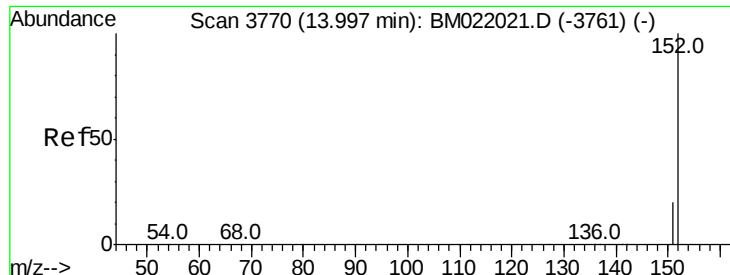
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081519\
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#7

Acenaphthylene

Concen: 0.114 ng/ul

RT: 13.98 min Scan# 3767

Delta R.T. -0.02 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampleId :

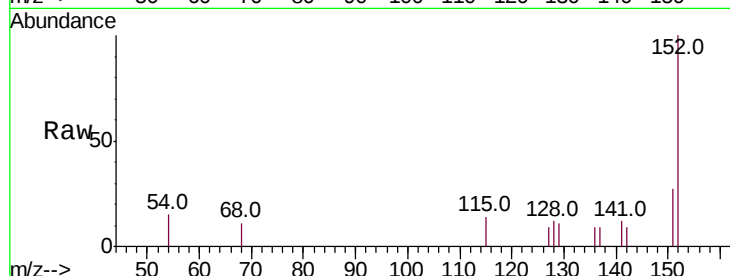
Tot Ion:152 Resp: 1058

Ion Ratio Lower Upper

152 100

151 26.6 18.3 27.5

153 0.0 12.8 19.2#



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

800

600

400

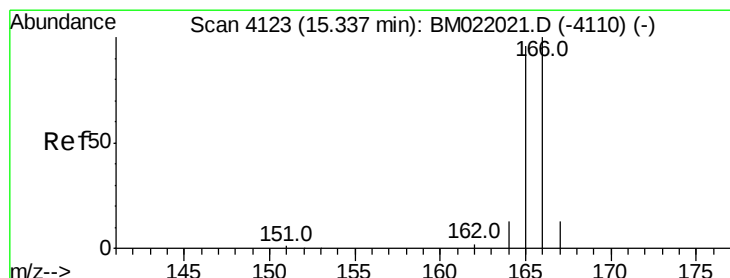
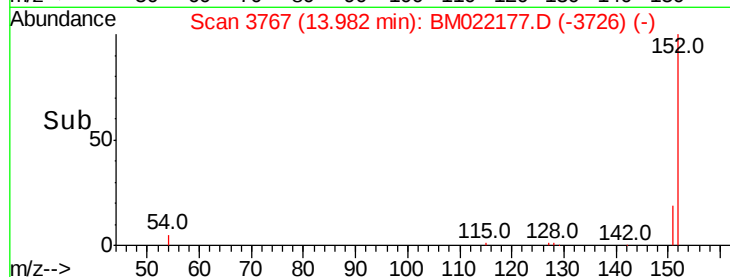
200

0

13.98

13.90 14.00 14.10

Time-->



#9

Fluorene

Concen: 0.042 ng/ul

RT: 15.32 min Scan# 4119

Delta R.T. -0.02 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

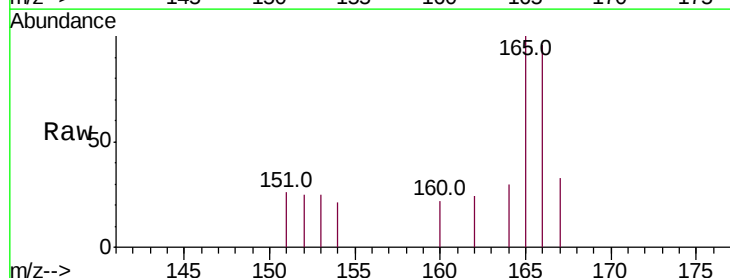
Tgt Ion:166 Resp: 357

Ion Ratio Lower Upper

166 100

165 104.0 81.4 122.0

167 33.9 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

300

200

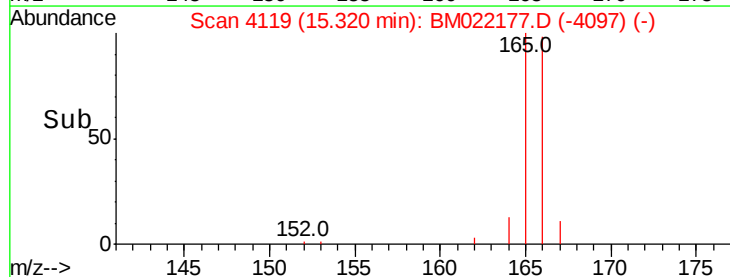
100

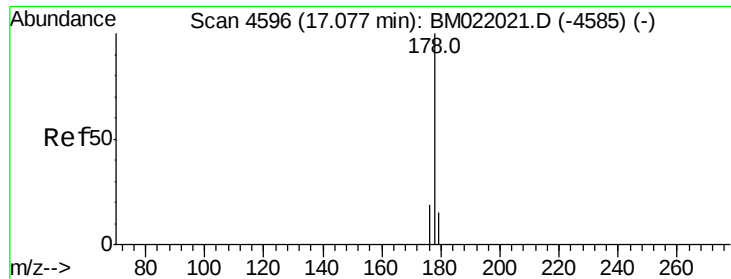
0

15.32

15.25 15.30 15.35 15.40

Time-->





#12

Phenanthrene

Concen: 0.484 ng/ul

RT: 17.06 min Scan# 4591

Delta R.T. -0.02 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampled :

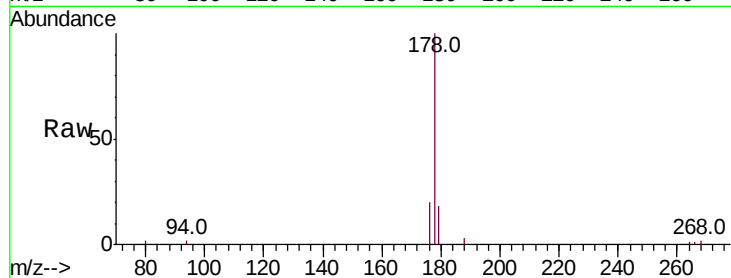
Tot Ion:178 Resp: 6489

Ion Ratio Lower Upper

178 100

179 17.9 14.2 21.2

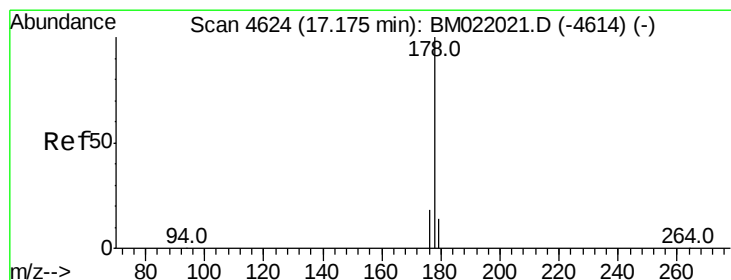
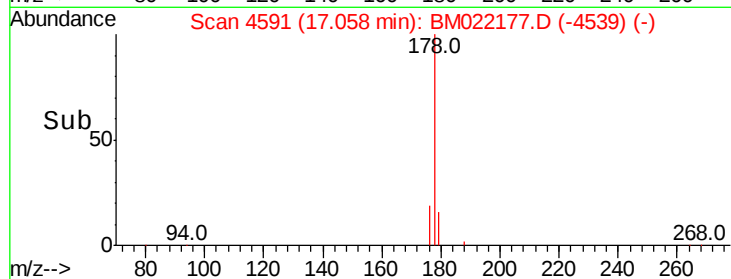
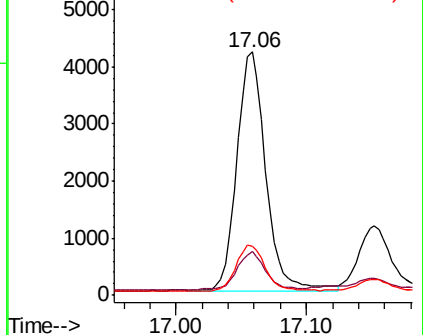
176 20.3 16.8 25.2



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: 0.158 ng/ul

RT: 17.15 min Scan# 4618

Delta R.T. -0.03 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

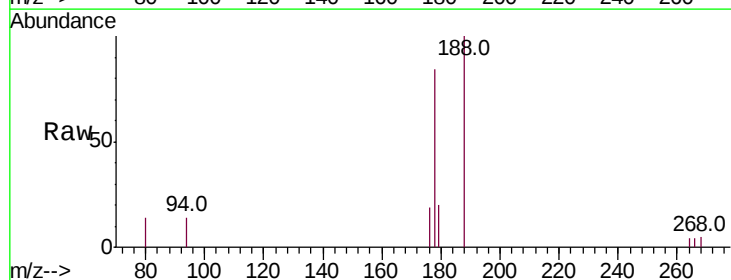
Tgt Ion:178 Resp: 1810

Ion Ratio Lower Upper

178 100

179 23.8 15.5 23.3#

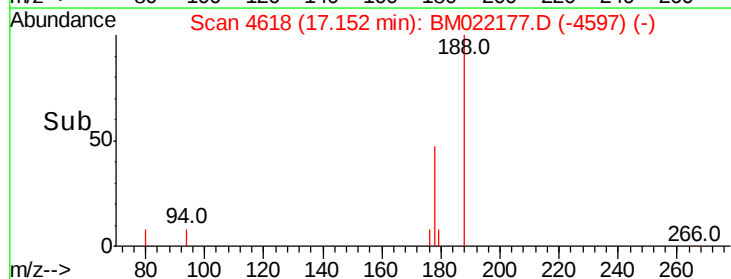
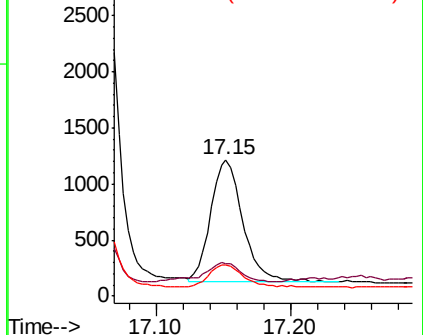
176 22.6 16.6 25.0

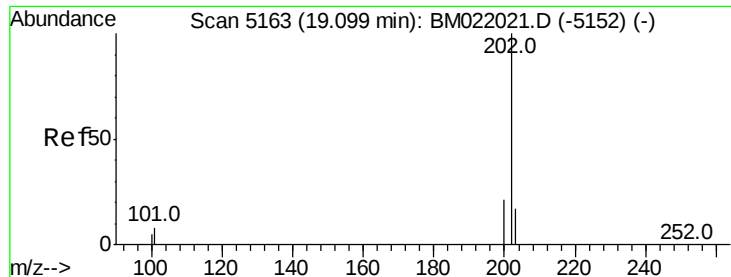


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.860 ng/ul

RT: 19.08 min Scan# 5159

Delta R.T. -0.02 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampleId :

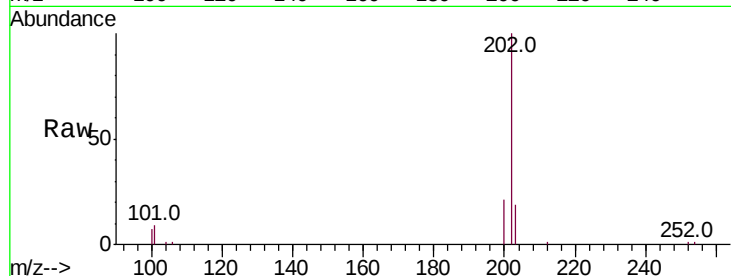
Tot Ion:202 Resp: 15439

Ion Ratio Lower Upper

202 100

101 8.9 0.0 30.2

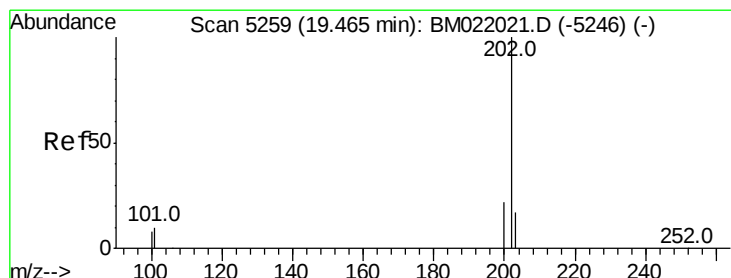
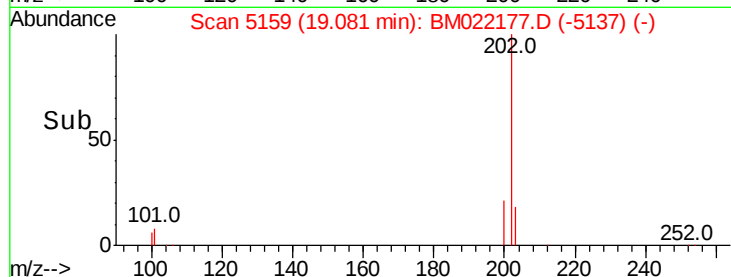
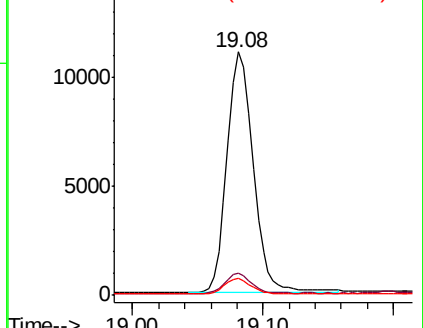
100 6.8 0.0 28.1



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: 0.696 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.02 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

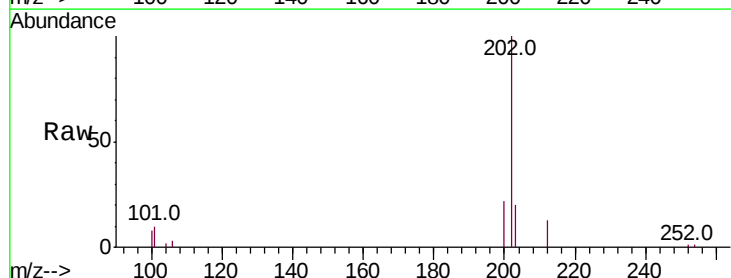
Tgt Ion:202 Resp: 14084

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

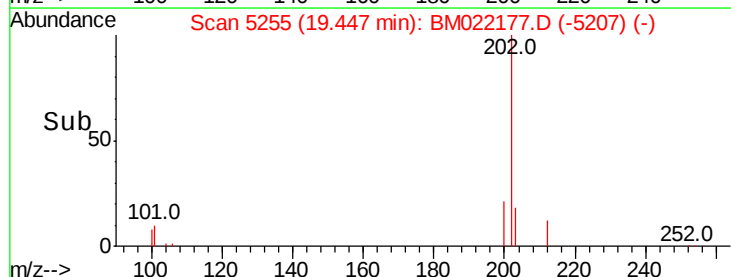
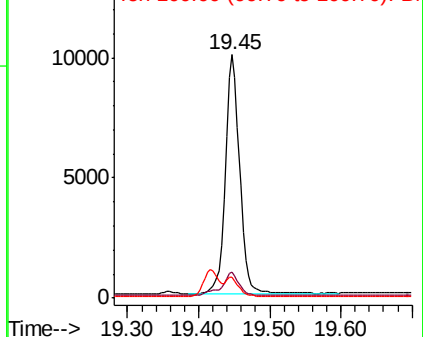
100 8.4 7.2 10.8

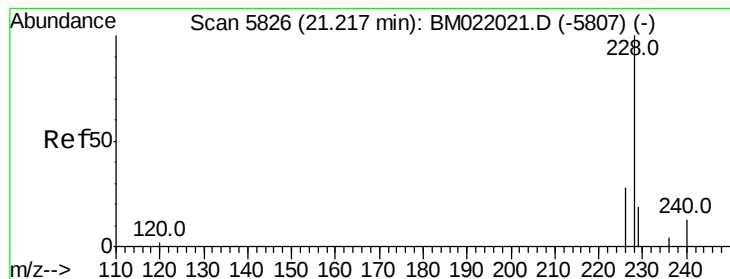


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.538 ng/ul

RT: 21.21 min Scan# 5823

Delta R.T. -0.01 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampleId :

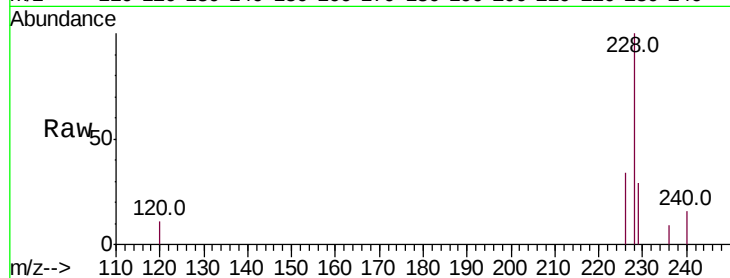
Tot Ion:228 Resp: 9483

Ion Ratio Lower Upper

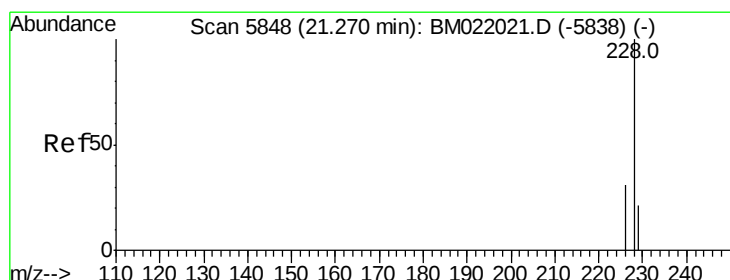
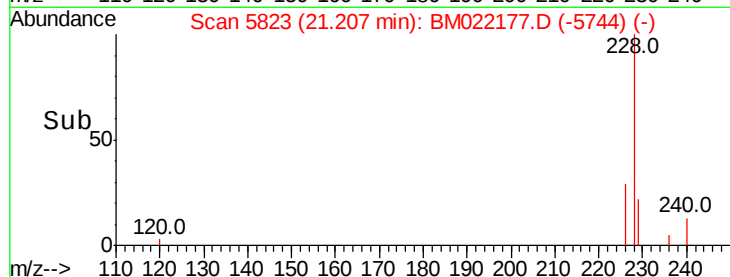
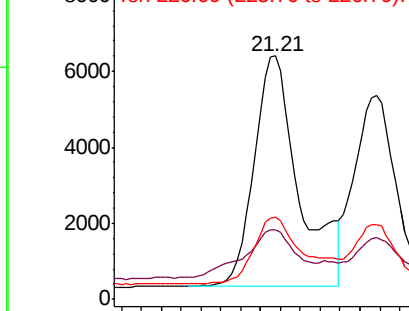
228 100

229 28.8 17.2 25.8#

226 33.7 22.6 34.0



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



#19

Chrysene

Concen: 0.338 ng/ul

RT: 21.26 min Scan# 5844

Delta R.T. -0.01 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

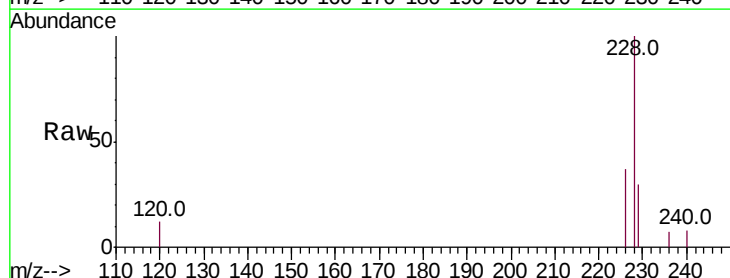
Tgt Ion:228 Resp: 7657

Ion Ratio Lower Upper

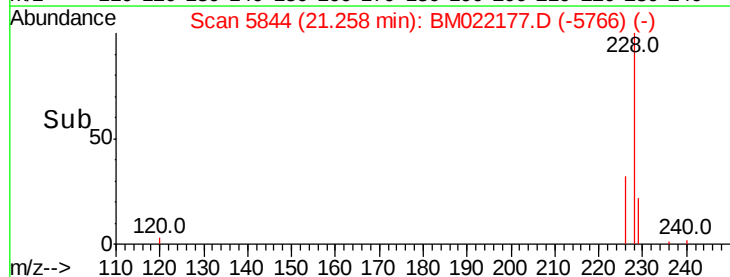
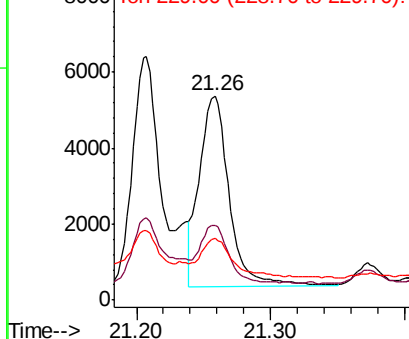
228 100

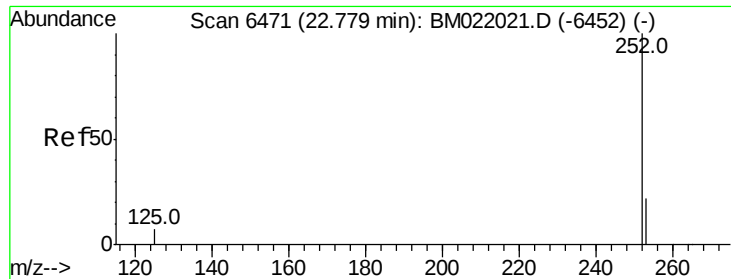
226 36.7 24.9 37.3

229 30.0 16.6 25.0#



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: 0.830 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. -0.00 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampleId :

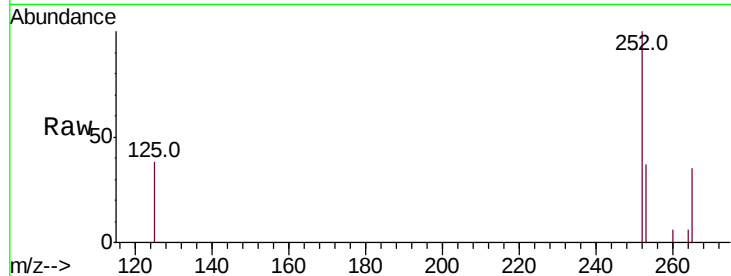
Tot Ion:252 Resp: 14955

Ion Ratio Lower Upper

252 100

253 37.1 0.0 67.4

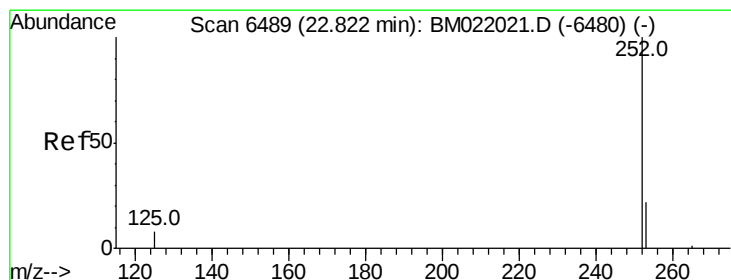
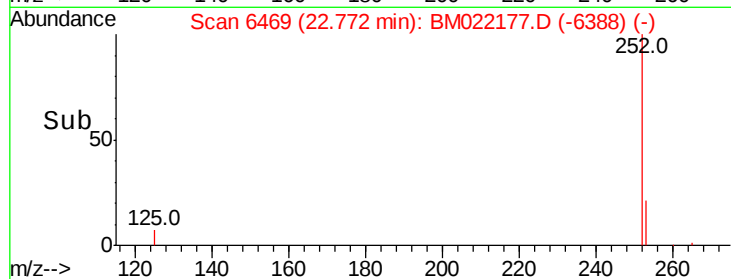
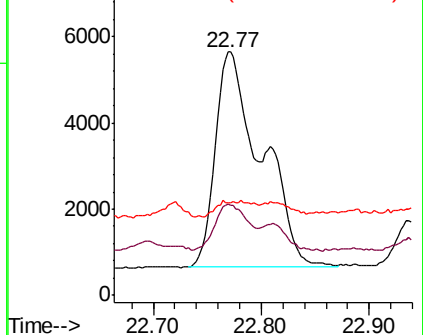
125 38.3 0.0 31.0#



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



#22

Benzo(k)fluoranthene

Concen: 0.734 ng/ul

RT: 22.77 min Scan# 6469

Delta R.T. -0.05 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

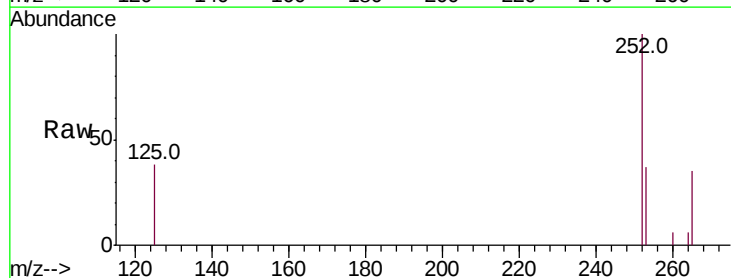
Tgt Ion:252 Resp: 14955

Ion Ratio Lower Upper

252 100

253 37.1 27.0 40.4

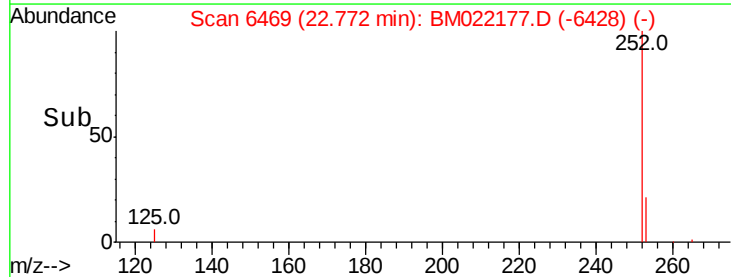
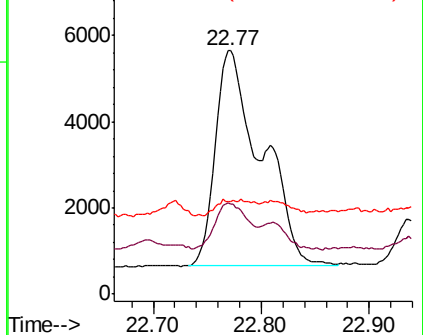
125 38.3 12.2 18.2#

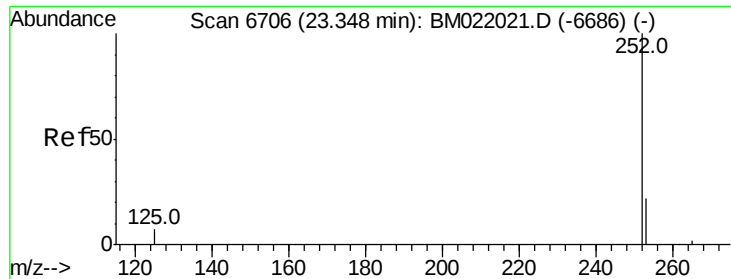


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

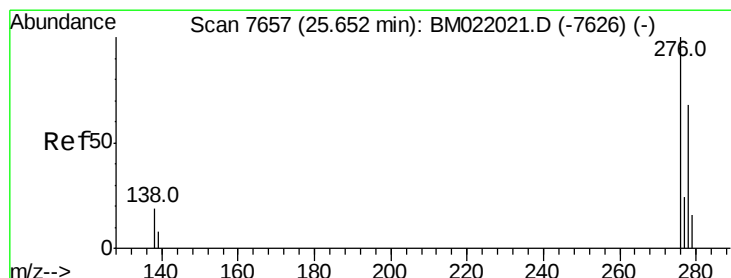
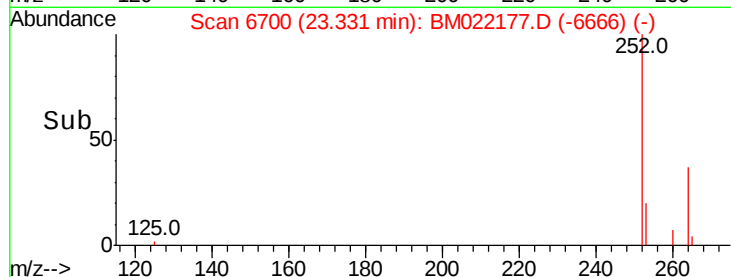
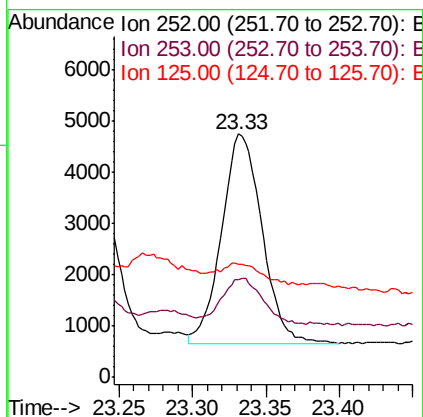
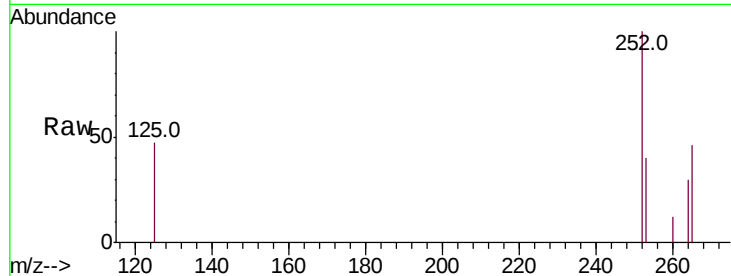




#23
Benzo(a)pyrene
Concen: 0.427 ng/u1
RT: 23.33 min Scan# 6700
Delta R.T. -0.02 min
Lab File: BM022177.D
Acq: 16 Aug 2019 19:26

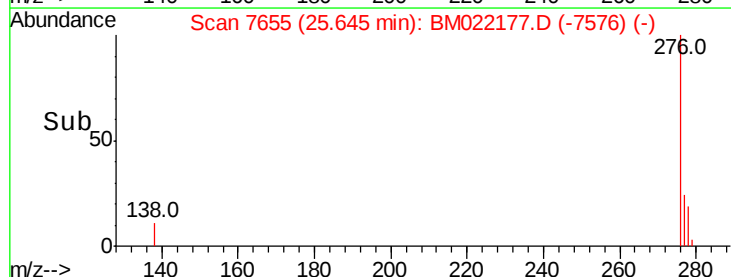
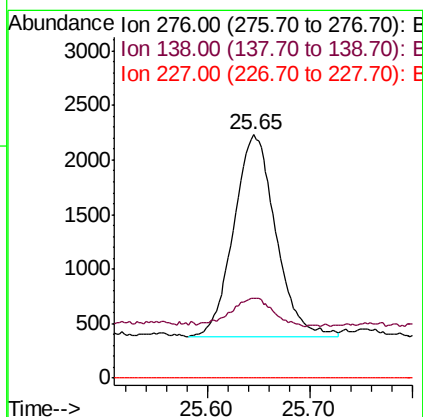
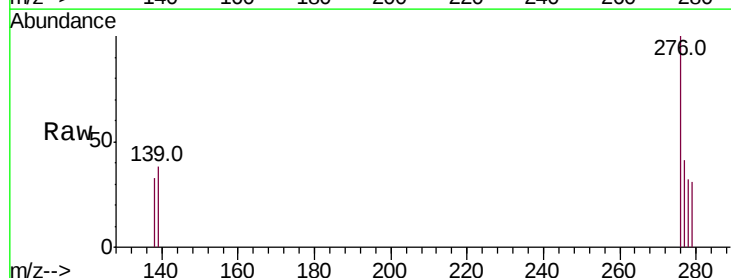
Instrument :
BNA_M
ClientSampled :

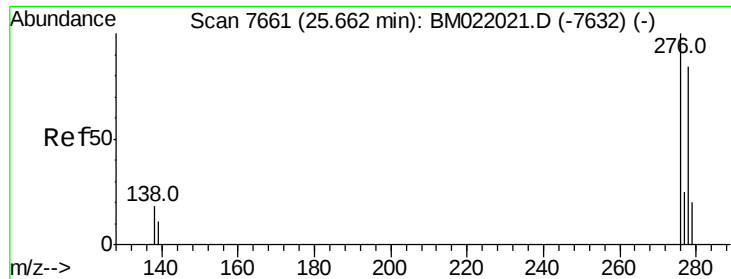
Tot Ion:252 Resp: 7814
Ion Ratio Lower Upper
252 100
253 40.4 31.7 47.5
125 46.5 14.6 21.8#



#24
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/u1
RT: 25.65 min Scan# 7655
Delta R.T. -0.01 min
Lab File: BM022177.D
Acq: 16 Aug 2019 19:26

Tgt Ion:276 Resp: 5226
Ion Ratio Lower Upper
276 100
138 14.2 15.1 22.7#
227 0.0 0.0 0.0





#25

Dibenzo(a,h)anthracene

Concen: 0.078 ng/u1

RT: 25.64 min Scan# 7654

Delta R.T. -0.02 min

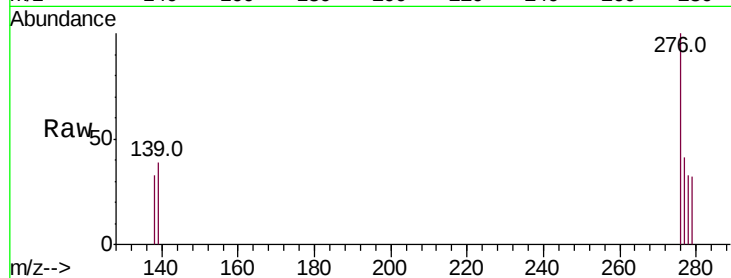
Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Instrument :

BNA_M

ClientSampleId :



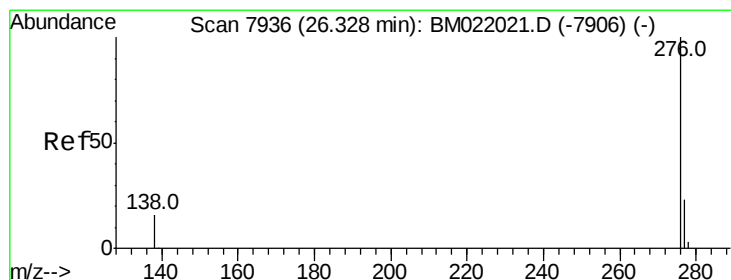
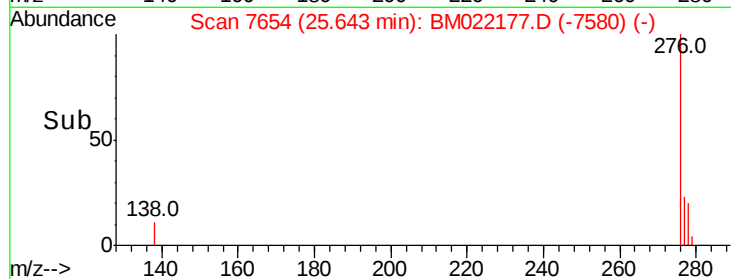
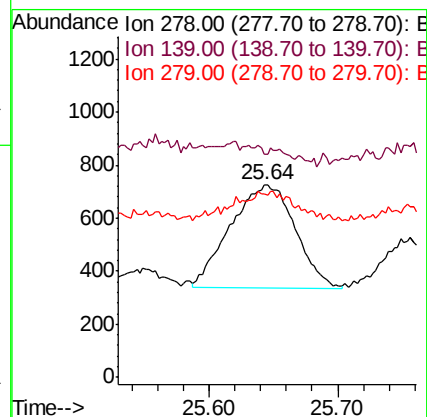
Tot Ion:278 Resp: 1370

Ion Ratio Lower Upper

278 100

139 116.0 14.2 21.2#

279 94.8 28.3 42.5#



#26

Benzo(g,h,i)perylene

Concen: 0.214 ng/u1

RT: 26.33 min Scan# 7936

Delta R.T. -0.01 min

Lab File: BM022177.D

Acq: 16 Aug 2019 19:26

Tgt Ion:276 Resp: 4215

Ion Ratio Lower Upper

276 100

138 37.7 15.5 23.3#

277 46.7 21.4 32.2#

