

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
 Data File : BM022660.D
 Acq On : 11 Sep 2019 16:55
 Operator : HP/JU
 Sample : K4706-03DL 5X
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 12 01:03:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 15:06:45 2019
 Response via : Initial Calibration

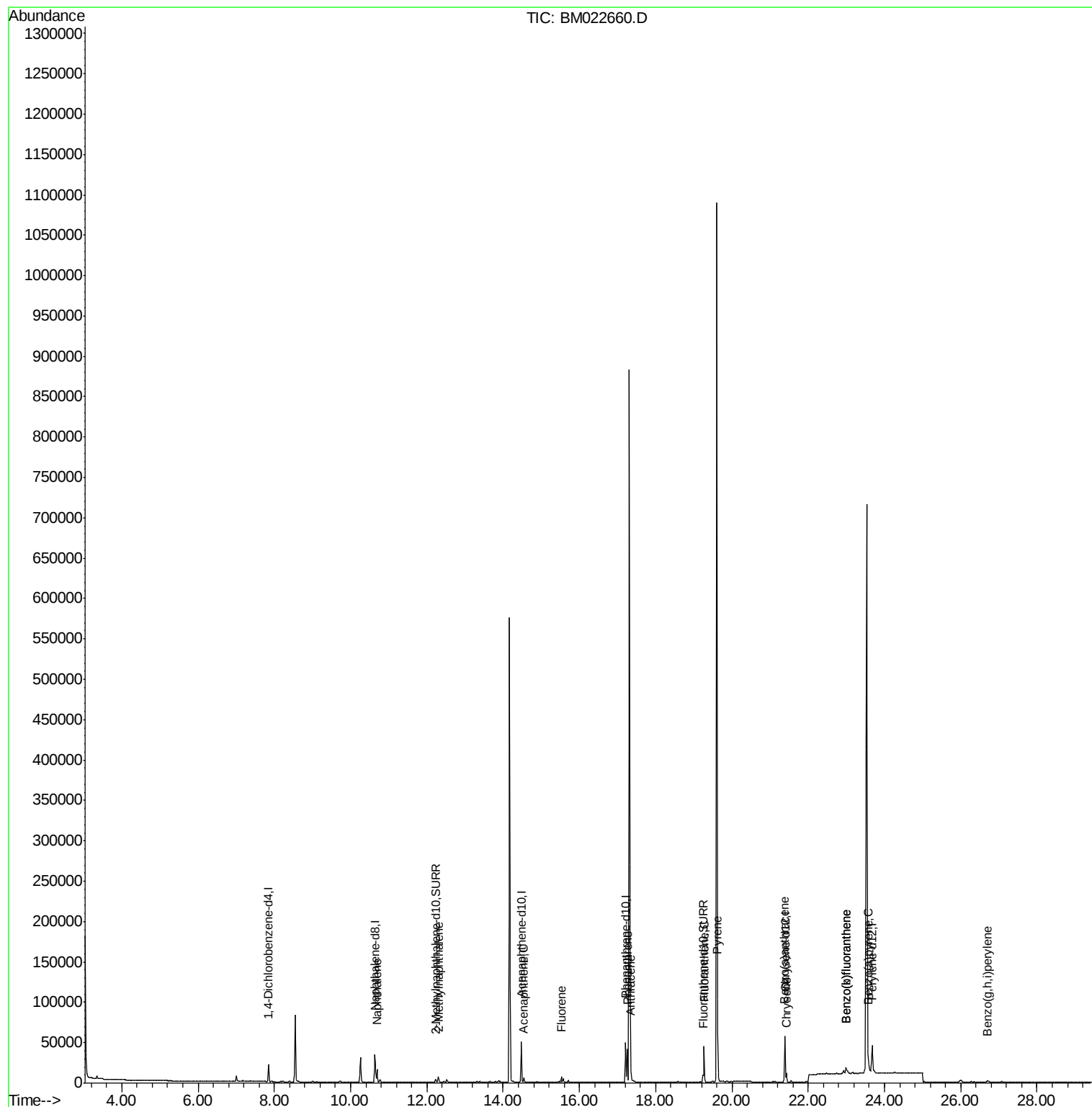
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	10698	0.40	ng/ul	0.00
2) Naphthalene-d8	10.64	136	44218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.48	164	26446	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	56464	0.40	ng/ul	0.00
16) Chrysene-d12	21.39	240	47713	0.40	ng/ul	0.00
20) Perylene-d12	23.68	264	43482	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.23	152	4583	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	11373	0.07	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.69	128	21435	0.170	ng/ul	98
5) 2-Methylnaphthalene	12.30	142	4574	0.053	ng/ul	100
8) Acenaphthene	14.54	153	2985	0.029	ng/ul	98
9) Fluorene	15.52	166	4225	0.036	ng/ul	98
12) Phenanthrene	17.26	178	41988	0.233	ng/ul	99
13) Anthracene	17.35	178	11736	0.076	ng/ul	97
15) Fluoranthene	19.27	202	36982	0.191	ng/ul	99
17) Pyrene	19.63	202	33911	0.157	ng/ul	99
18) Benzo(a)anthracene	21.37	228	11204	0.061	ng/ul	98
19) Chrysene	21.43	228	10768	0.056	ng/ul	96
21) Benzo(b)fluoranthene	22.99	252	14582	0.077	ng/ul#	49
22) Benzo(k)fluoranthene	22.99	252	14582	0.076	ng/ul#	48
23) Benzo(a)pyrene	23.57	252	7980	0.048	ng/ul#	51
26) Benzo(g,h,i)perylene	26.70	276	3484	0.022	ng/ul#	69

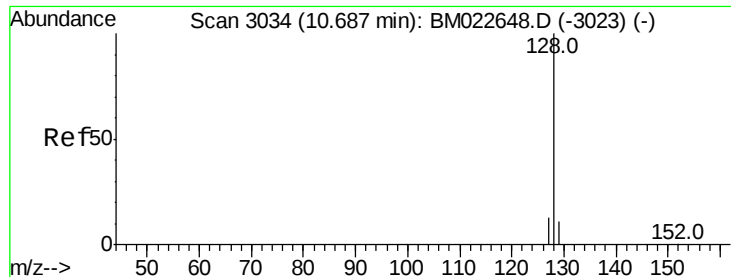
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091019\
Data File : BM022660.D
Acq On : 11 Sep 2019 16:55
Operator : HP/JU
Sample : K4706-03DL 5X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Sep 12 01:03:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 15:06:45 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.170 ng/ul

RT: 10.69 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

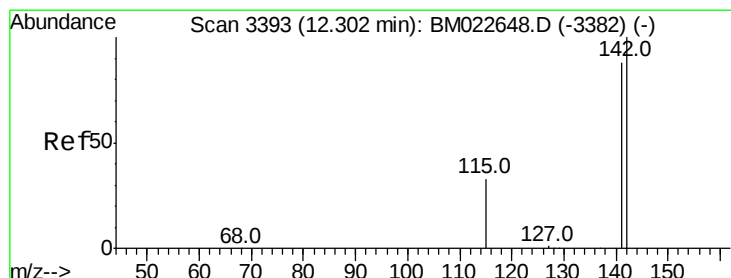
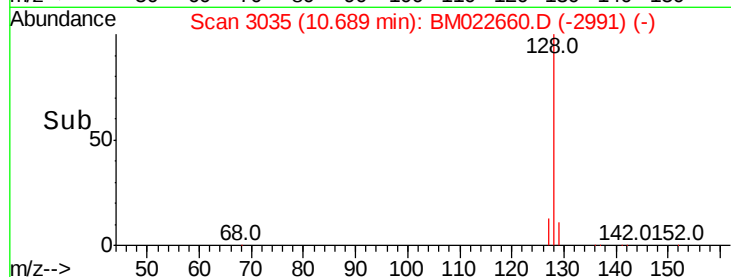
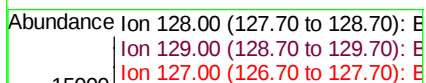
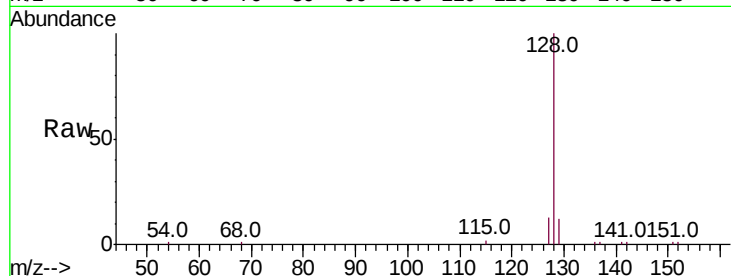
Tot Ion:128 Resp: 21435

Ion Ratio Lower Upper

128 100

129 11.9 8.8 13.2

127 13.5 10.4 15.6



#5

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 12.30 min Scan# 3394

Delta R.T. -0.00 min

Lab File: BM022660.D

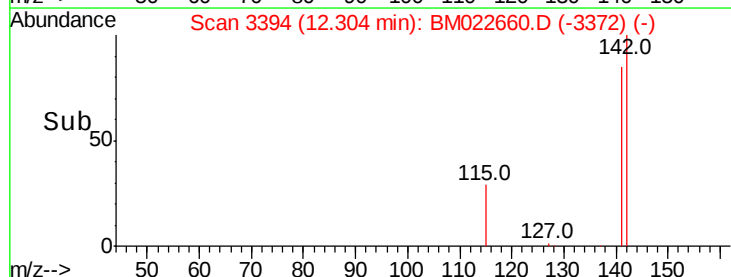
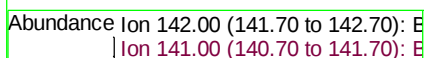
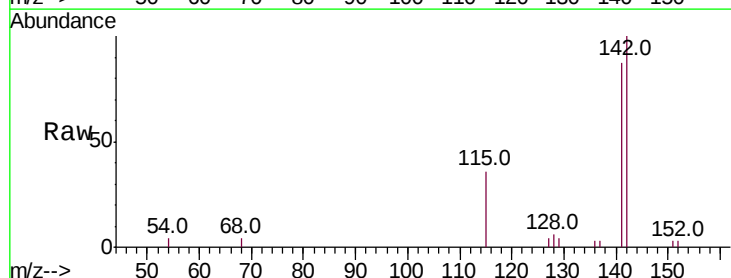
Acq: 11 Sep 2019 16:55

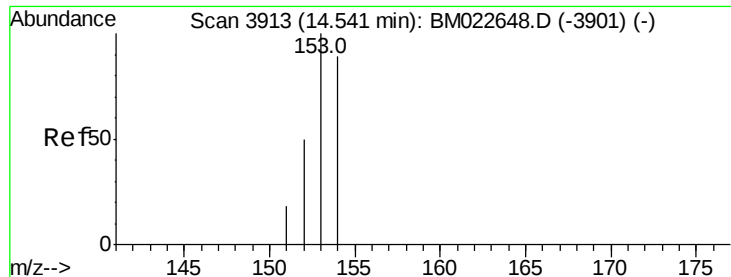
Tgt Ion:142 Resp: 4574

Ion Ratio Lower Upper

142 100

141 88.7 70.8 106.2





#8

Acenaphthene

Concen: 0.029 ng/ul

RT: 14.54 min Scan# 3913

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

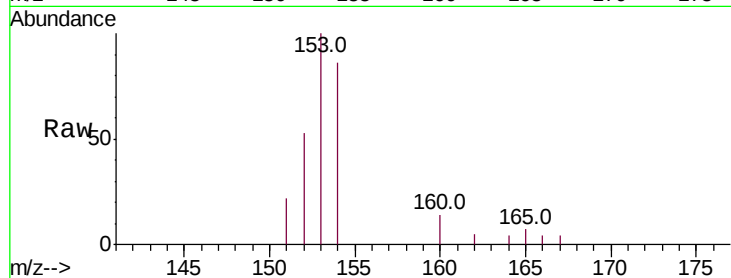
Tot Ion:153 Resp: 2985

Ion Ratio Lower Upper

153 100

152 53.3 40.7 61.1

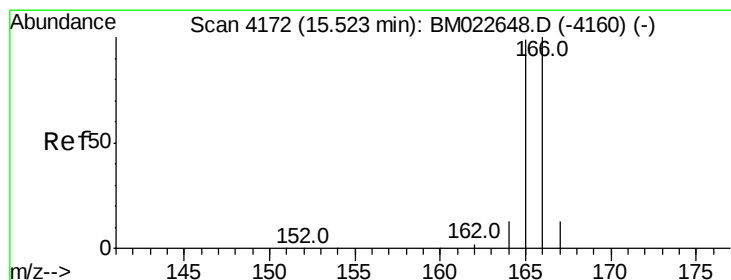
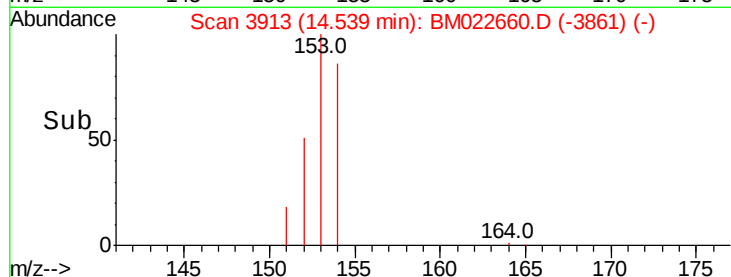
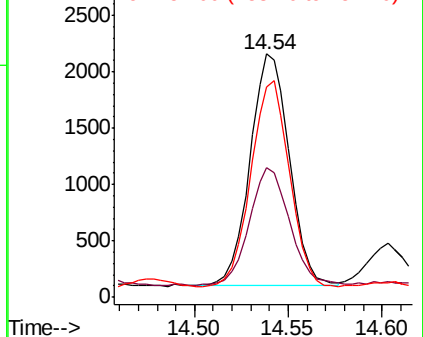
154 86.2 70.0 105.0



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: 0.036 ng/ul

RT: 15.52 min Scan# 4173

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

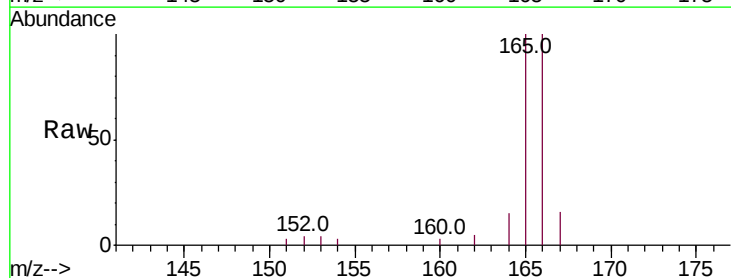
Tgt Ion:166 Resp: 4225

Ion Ratio Lower Upper

166 100

165 99.7 78.2 117.2

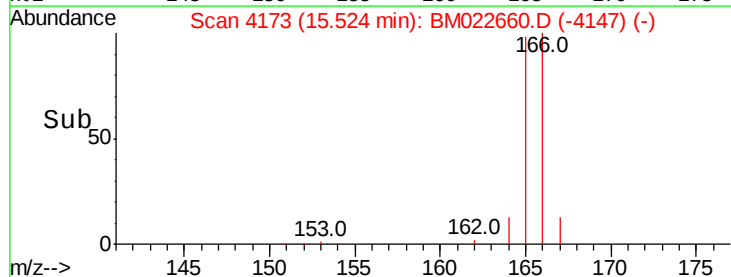
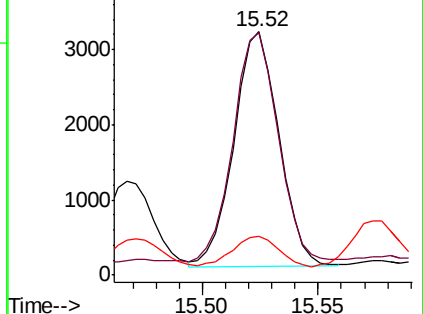
167 15.9 10.8 16.2

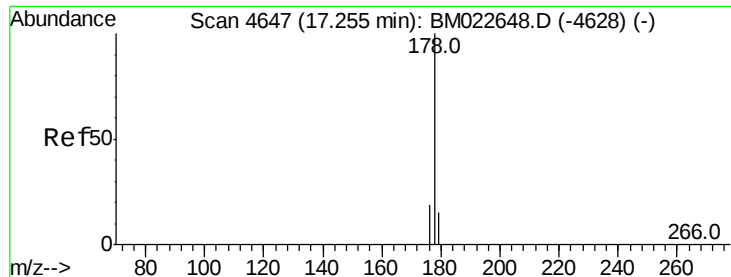


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.233 ng/ul

RT: 17.26 min Scan# 4648

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

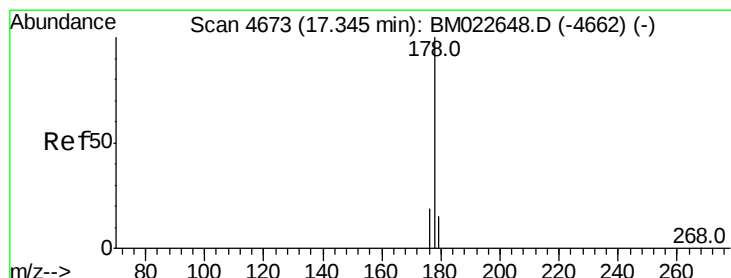
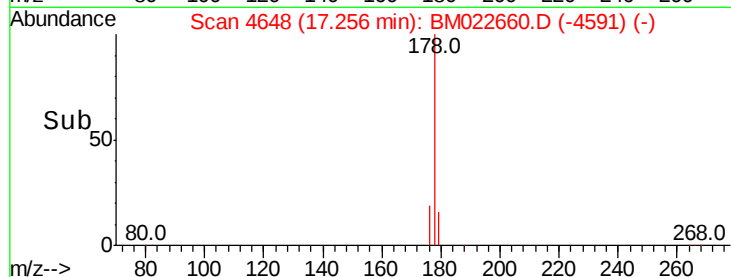
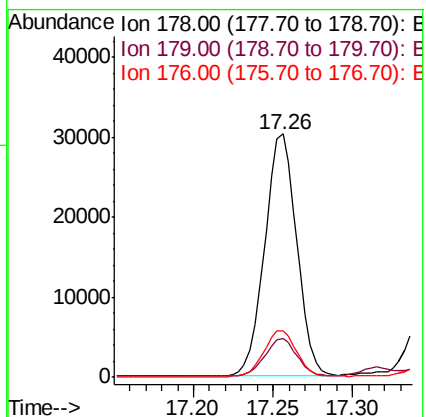
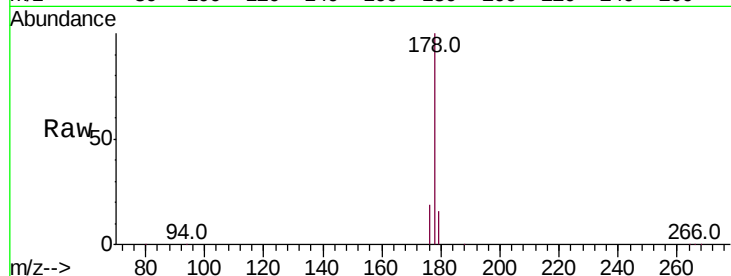
Tot Ion:178 Resp: 41988

Ion Ratio Lower Upper

178 100

179 16.0 12.4 18.6

176 19.1 15.3 22.9



#13

Anthracene

Concen: 0.076 ng/ul

RT: 17.35 min Scan# 4674

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

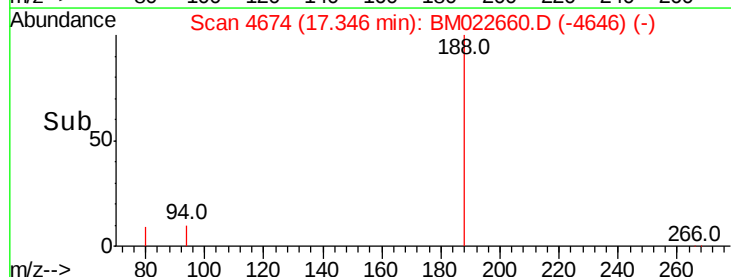
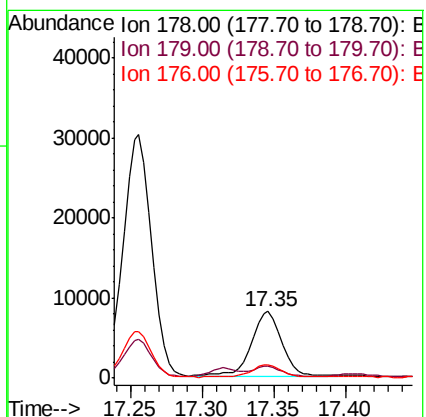
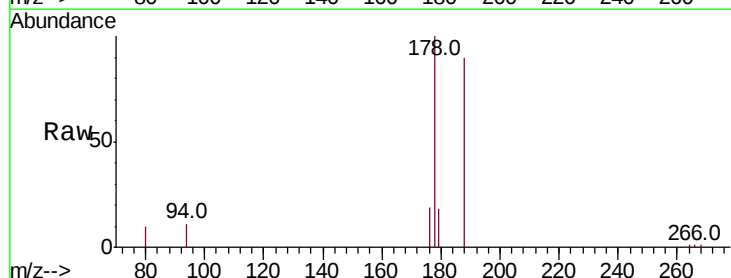
Tgt Ion:178 Resp: 11736

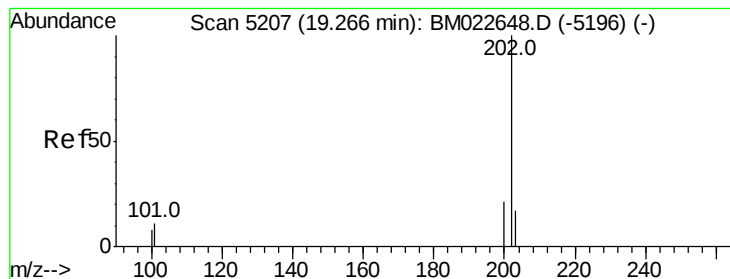
Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

176 19.1 14.8 22.2





#15

Fluoranthene

Concen: 0.191 ng/ul

RT: 19.27 min Scan# 5208

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

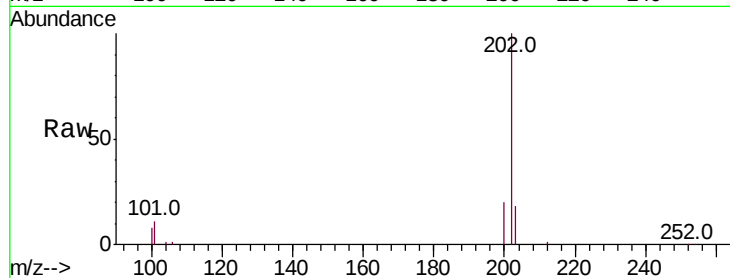
Tot Ion:202 Resp: 36982

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.5

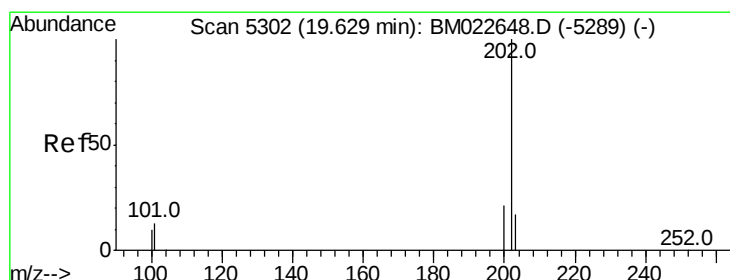
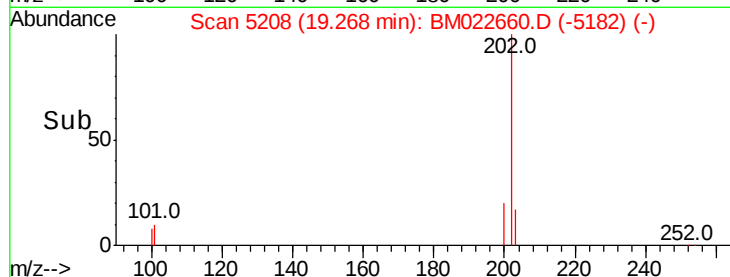
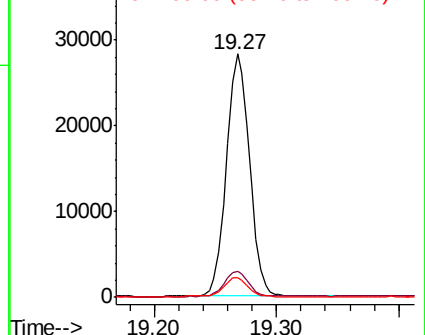
100 8.1 0.0 28.0



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: 0.157 ng/ul

RT: 19.63 min Scan# 5303

Delta R.T. -0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

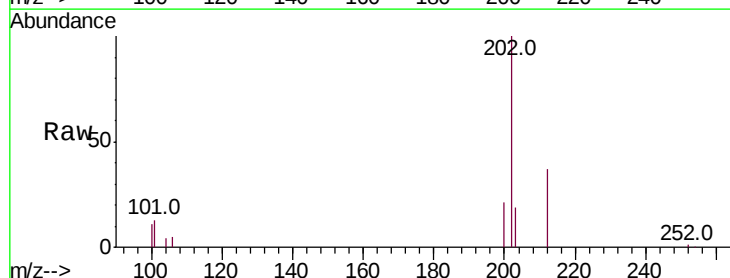
Tgt Ion:202 Resp: 33911

Ion Ratio Lower Upper

202 100

101 13.0 10.0 15.0

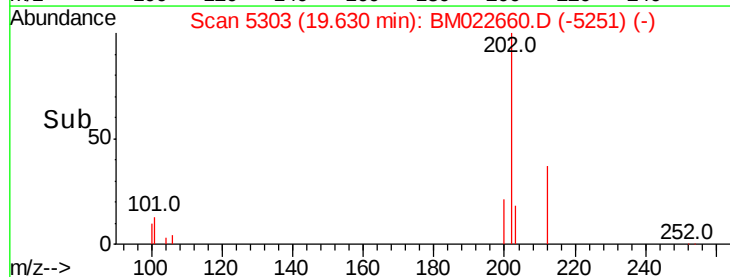
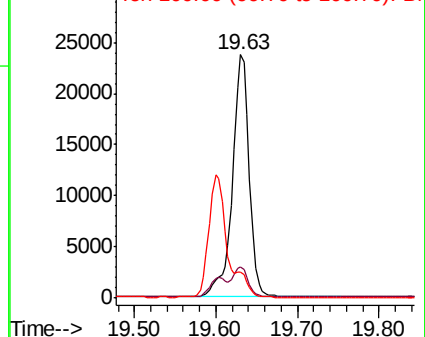
100 10.8 8.1 12.1

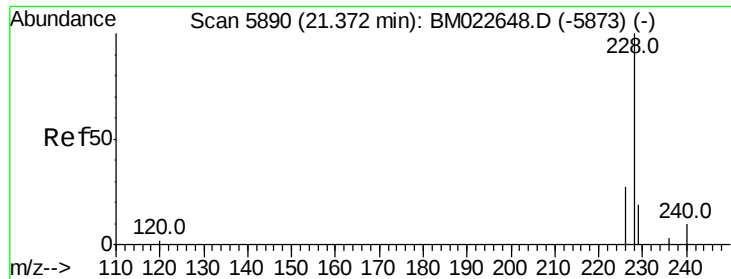


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.061 ng/ul

RT: 21.37 min Scan# 5892

Delta R.T. 0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

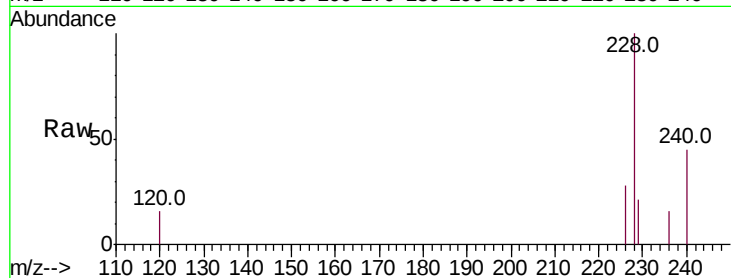
Tot Ion:228 Resp: 11204

Ion Ratio Lower Upper

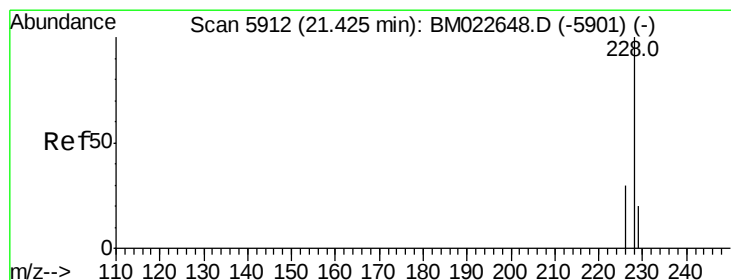
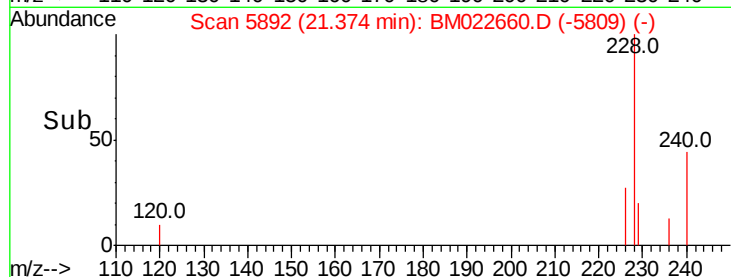
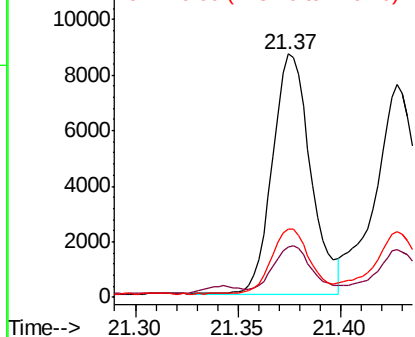
228 100

229 20.9 15.6 23.4

226 28.2 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



#19

Chrysene

Concen: 0.056 ng/ul

RT: 21.43 min Scan# 5914

Delta R.T. 0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

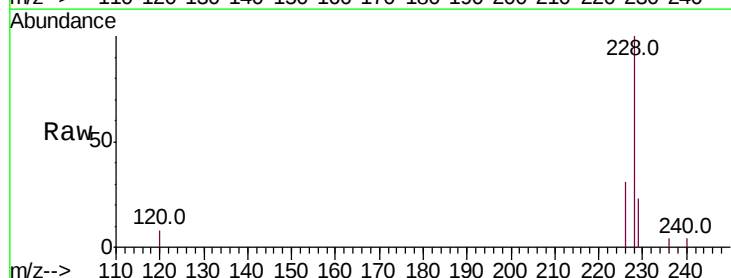
Tgt Ion:228 Resp: 10768

Ion Ratio Lower Upper

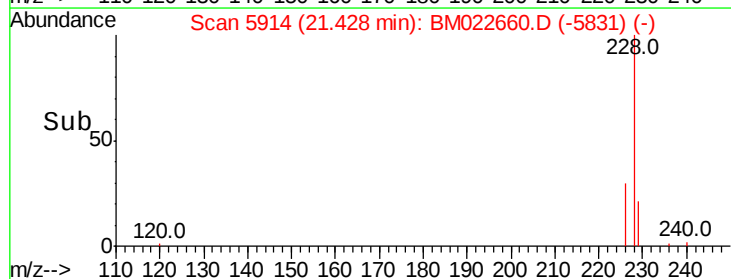
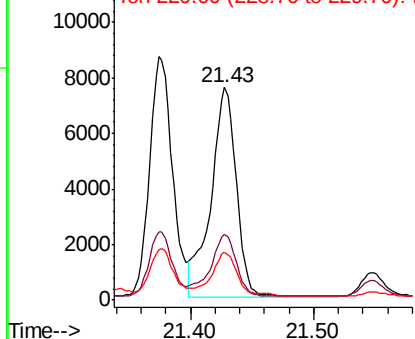
228 100

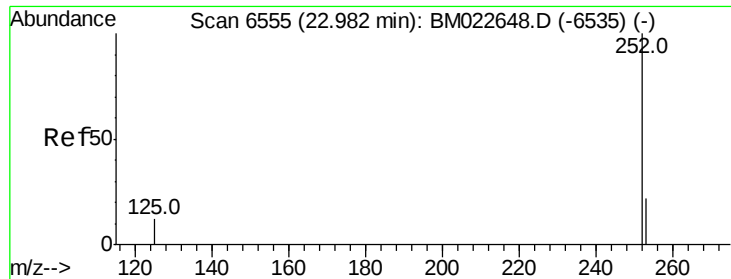
226 31.0 23.8 35.8

229 22.6 15.5 23.3



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

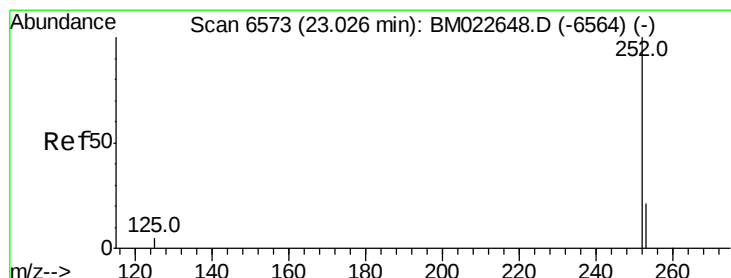
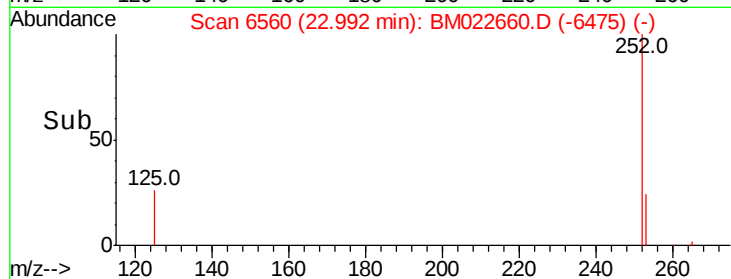
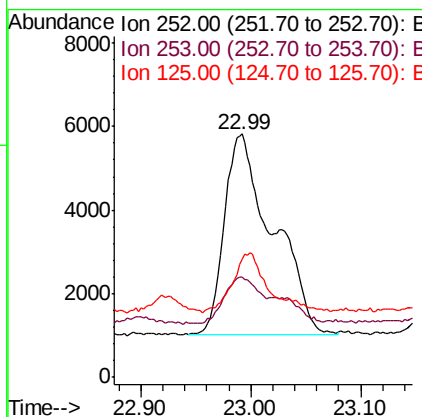
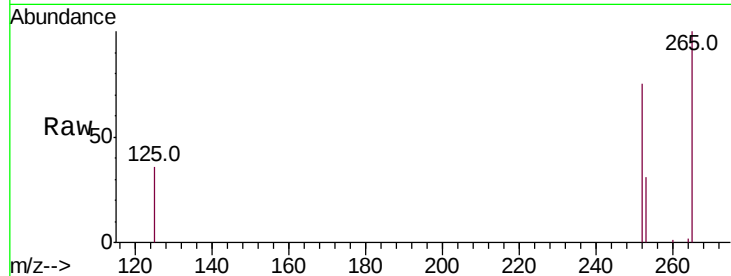




#21
Benzo(b)fluoranthene
Concen: 0.077 ng/u1
RT: 22.99 min Scan# 6560
Delta R.T. 0.01 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

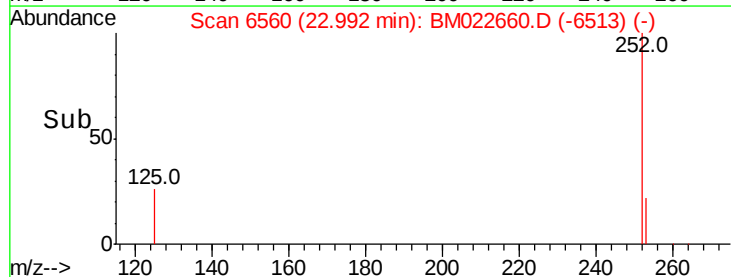
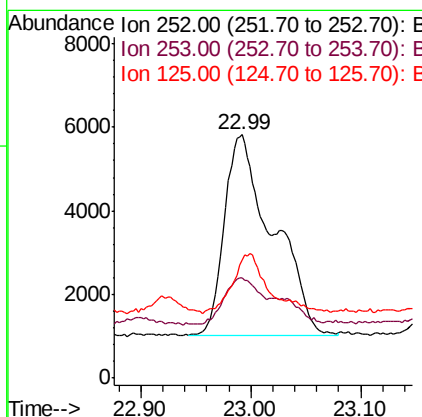
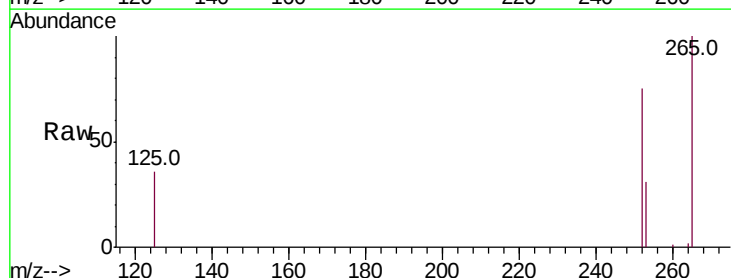
Instrument :
BNA_M
ClientSampleId :

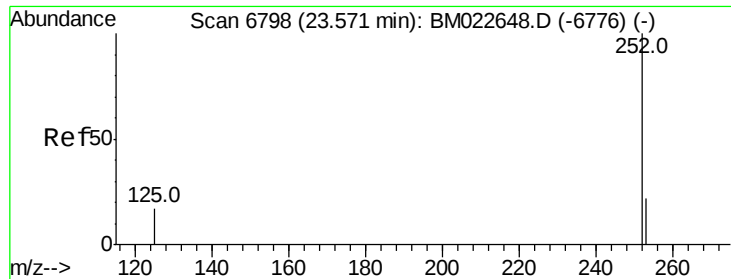
Tot Ion:252 Resp: 14582
Ion Ratio Lower Upper
252 100
253 41.1 0.0 48.4
125 48.6 0.0 31.2#



#22
Benzo(k)fluoranthene
Concen: 0.076 ng/u1
RT: 22.99 min Scan# 6560
Delta R.T. -0.04 min
Lab File: BM022660.D
Acq: 11 Sep 2019 16:55

Tgt Ion:252 Resp: 14582
Ion Ratio Lower Upper
252 100
253 41.1 19.5 29.3#
125 48.6 11.2 16.8#





#23

Benzo(a)pyrene

Concen: 0.048 ng/ul

RT: 23.57 min Scan# 6800

Delta R.T. 0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

Instrument :

BNA_M

ClientSampleId :

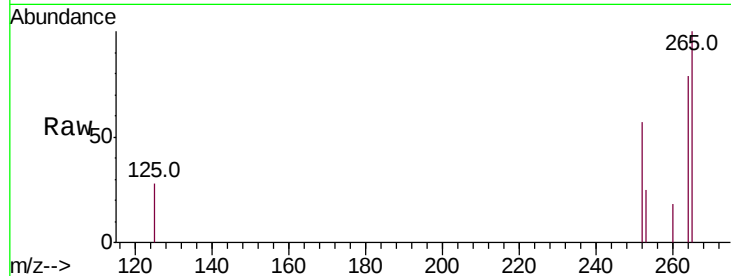
Tot Ion:252 Resp: 7980

Ion Ratio Lower Upper

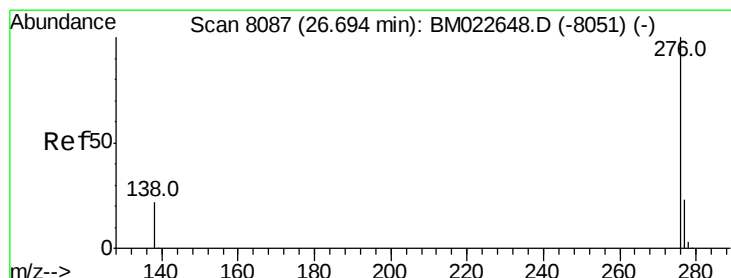
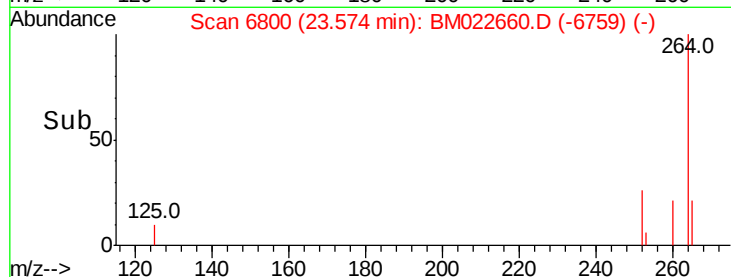
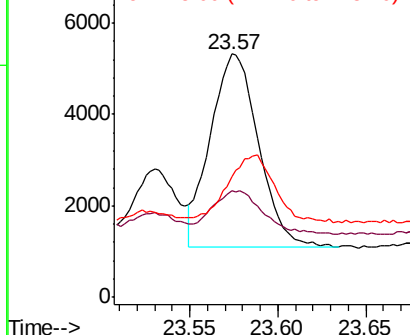
252 100

253 43.7 20.2 30.2#

125 49.6 15.7 23.5#



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(g,h,i)perylene

Concen: 0.022 ng/ul

RT: 26.70 min Scan# 8090

Delta R.T. 0.00 min

Lab File: BM022660.D

Acq: 11 Sep 2019 16:55

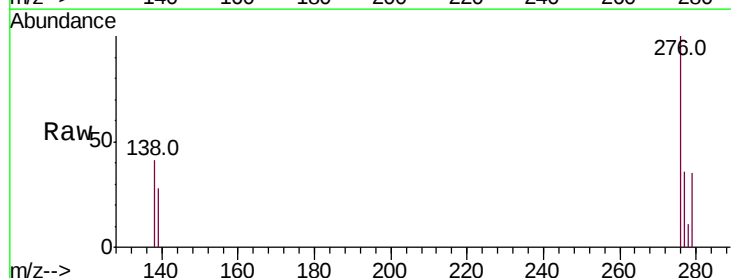
Tgt Ion:276 Resp: 3484

Ion Ratio Lower Upper

276 100

138 41.0 18.2 27.4#

277 35.8 19.2 28.8#



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

