

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025115.D
 Acq On : 27 Feb 2020 22:15
 Operator : CG/JU
 Sample : L1582-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

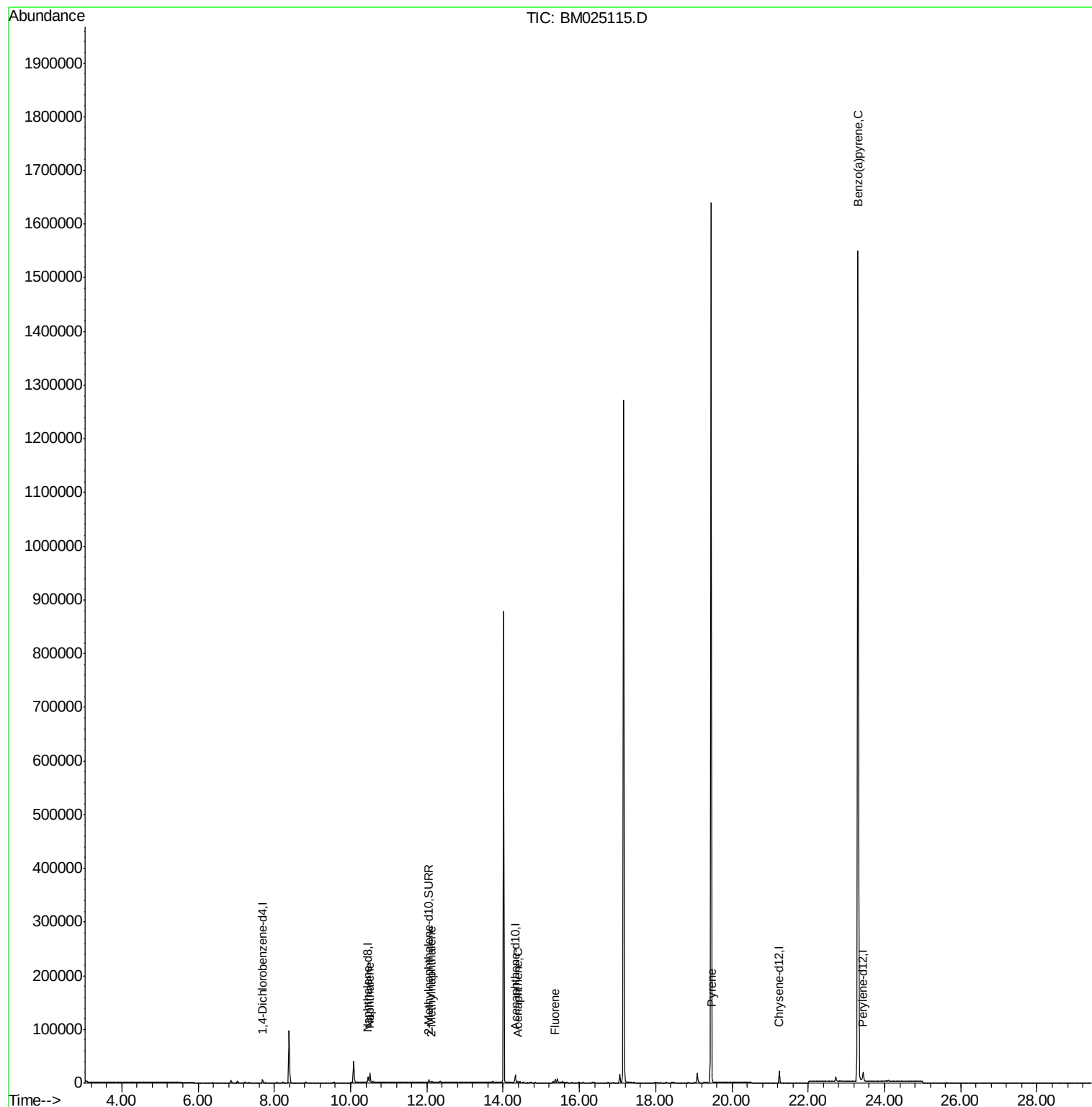
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3192	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.46	136	12641	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	8187	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.07
16) Chrysene-d12	21.24	240	19626	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	22628	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6495	0.27	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	19569	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.51	128	27642	0.718	ng/ul#	83
5) 2-Methylnaphthalene	12.13	142	2060	0.074	ng/ul	98
8) Acenaphthene	14.38	153	1754	0.055	ng/ul	96
9) Fluorene	15.37	166	3868	0.097	ng/ul	97
17) Pyrene	19.48	202	2110	0.024	ng/ul#	88
23) Benzo(a)pyrene	23.30	252	6717	0.083	ng/ul#	81

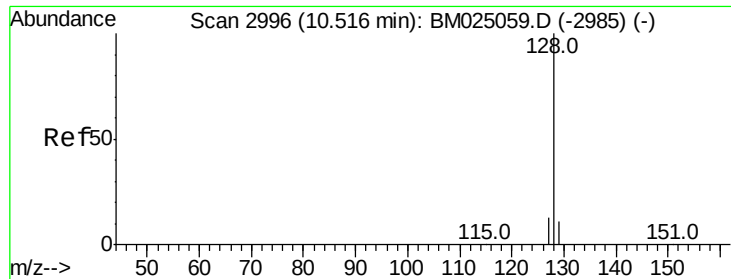
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.718 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BM025115.D

Acq: 27 Feb 2020 22:15

Instrument :

BNA_M

ClientSampleId :

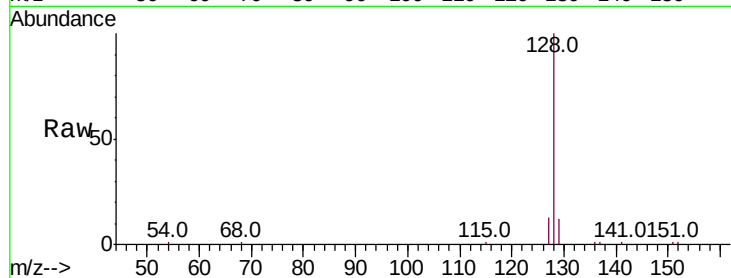
Tot Ion:128 Resp: 27642

Ion Ratio Lower Upper

128 100

129 11.6 17.0 25.6#

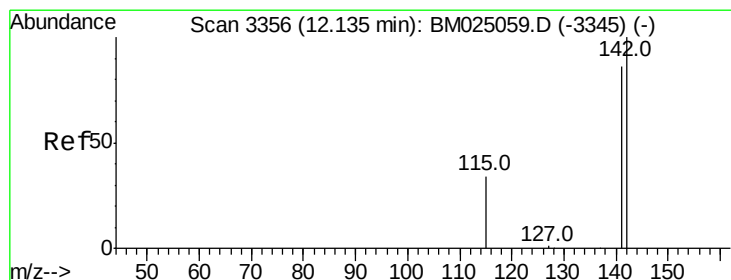
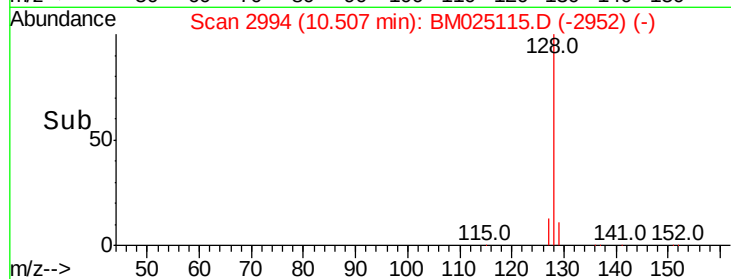
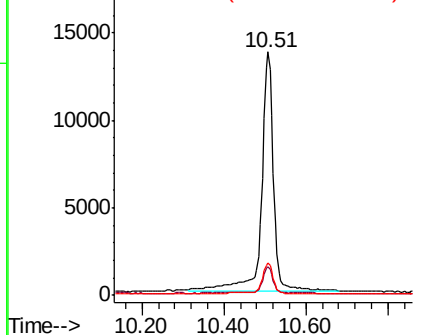
127 13.4 15.7 23.5#



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: 0.074 ng/ul

RT: 12.13 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM025115.D

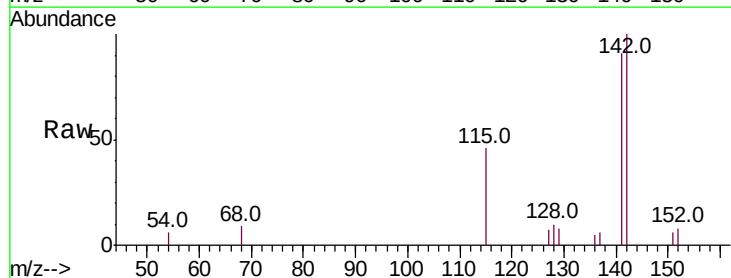
Acq: 27 Feb 2020 22:15

Tgt Ion:142 Resp: 2060

Ion Ratio Lower Upper

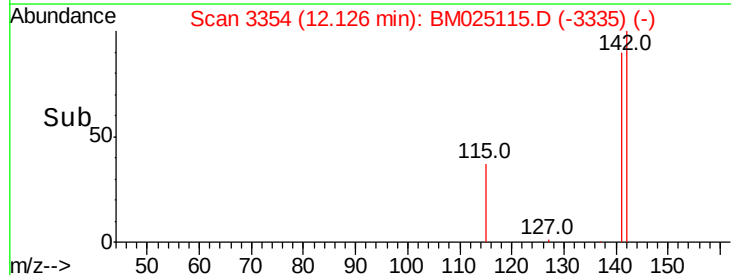
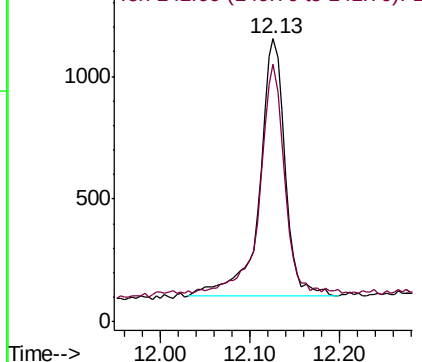
142 100

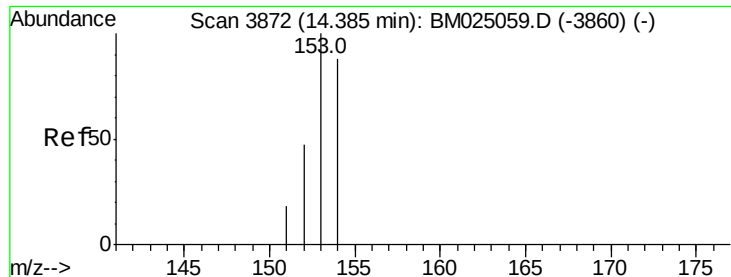
141 85.9 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.055 ng/ul

RT: 14.38 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM025115.D

Acq: 27 Feb 2020 22:15

Instrument :

BNA_M

ClientSampleId :

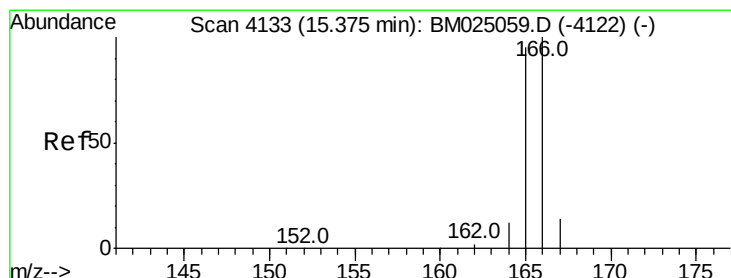
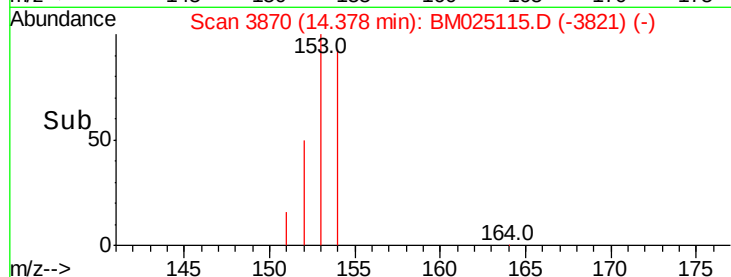
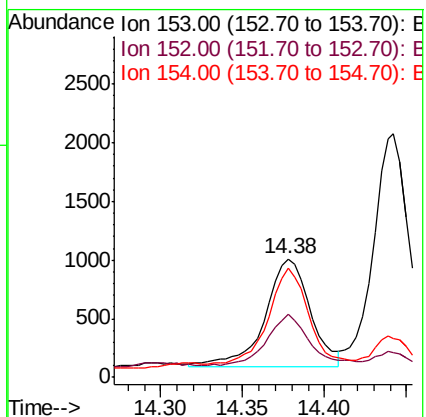
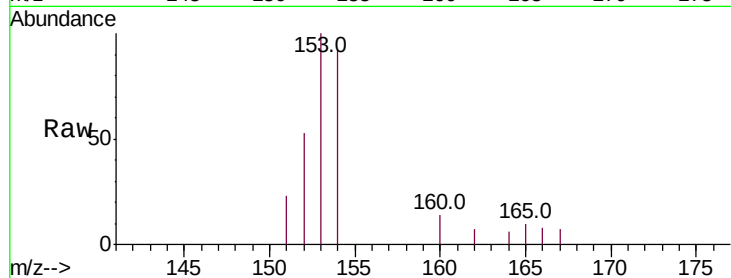
Tot Ion:153 Resp: 1754

Ion Ratio Lower Upper

153 100

152 53.2 40.0 60.0

154 92.1 71.0 106.6



#9

Fluorene

Concen: 0.097 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BM025115.D

Acq: 27 Feb 2020 22:15

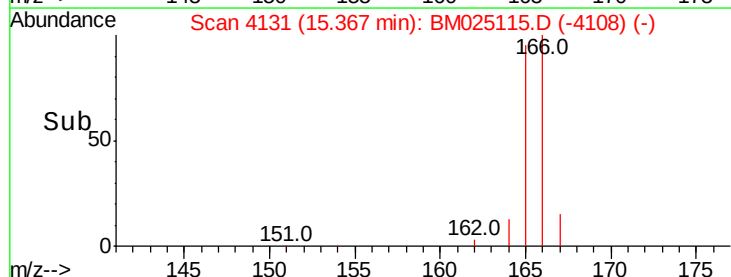
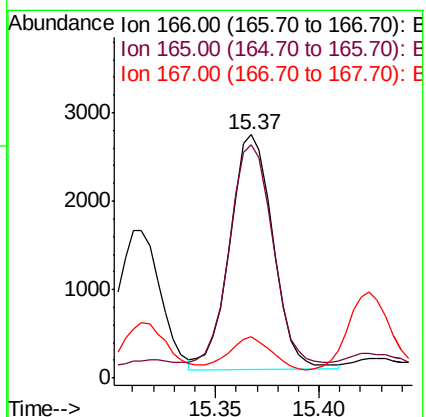
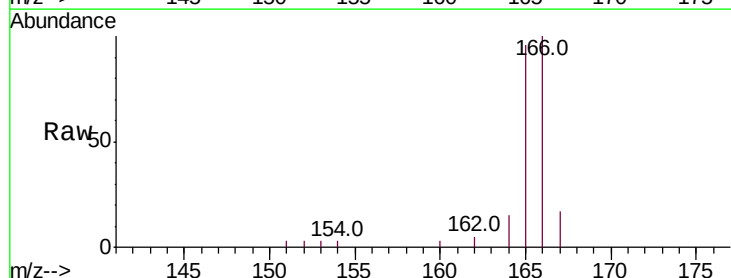
Tgt Ion:166 Resp: 3868

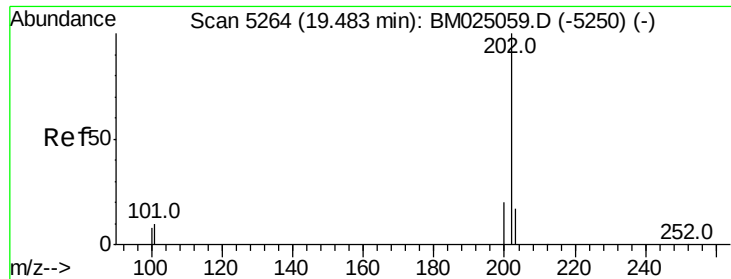
Ion Ratio Lower Upper

166 100

165 96.0 80.0 120.0

167 17.0 13.7 20.5





#17

Pvrene

Concen: 0.024 ng/ul

RT: 19.48 min Scan# 5263

Delta R.T. -0.01 min

Lab File: BM025115.D

Acq: 27 Feb 2020 22:15

Instrument :

BNA_M

ClientSampleId :

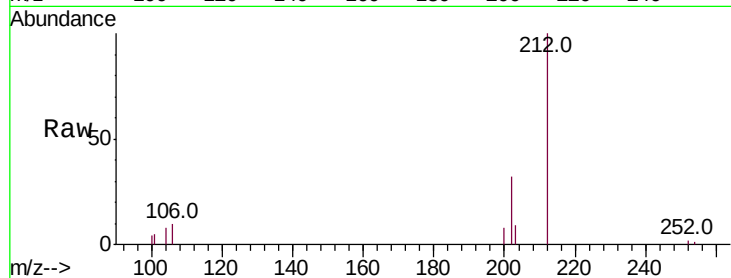
Tot Ion:202 Resp: 2110

Ion Ratio Lower Upper

202 100

101 15.3 8.7 13.1#

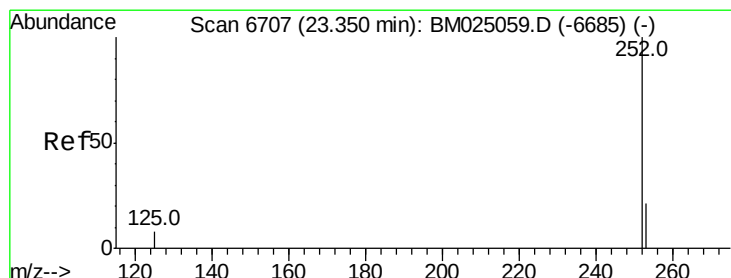
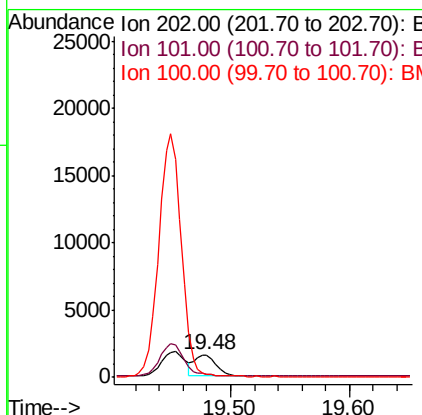
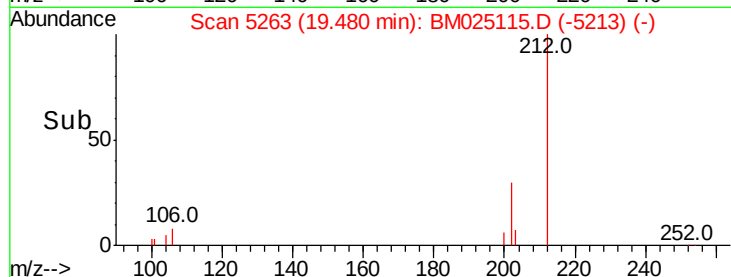
100 13.3 7.3 10.9#



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



#23

Benzo(a)pyrene

Concen: 0.083 ng/ul

RT: 23.30 min Scan# 6688

Delta R.T. -0.06 min

Lab File: BM025115.D

Acq: 27 Feb 2020 22:15

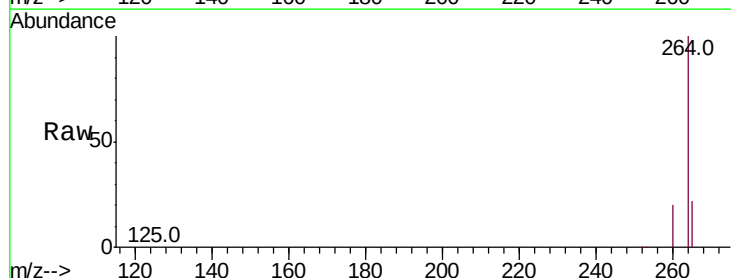
Tgt Ion:252 Resp: 6717

Ion Ratio Lower Upper

252 100

253 35.4 20.3 30.5#

125 24.2 13.0 19.4#



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

