

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025118.D
 Acq On : 28 Feb 2020 00:03
 Operator : CG/JU
 Sample : L1582-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:38 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

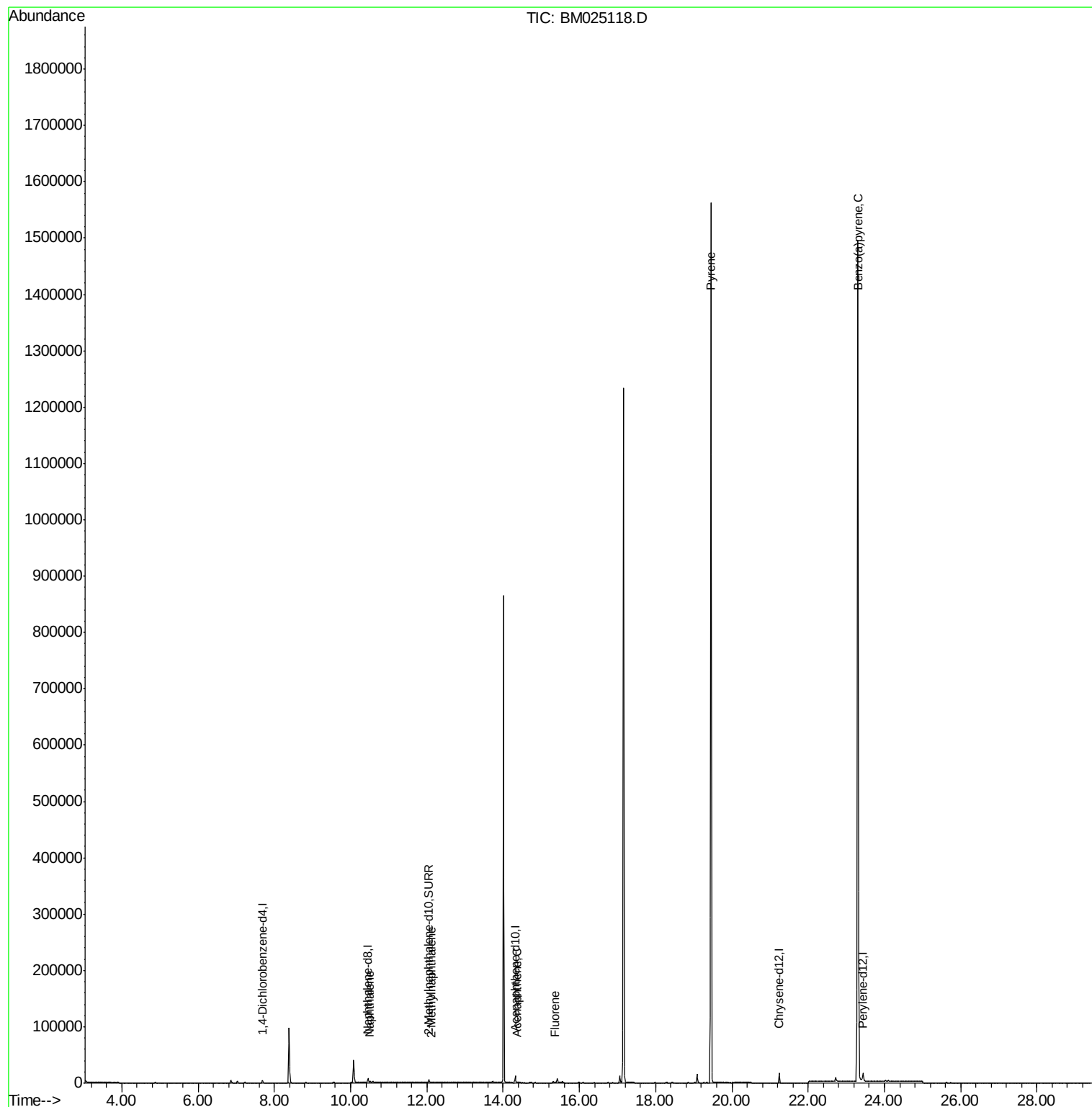
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2490	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.46	136	9639	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.32	164	6169	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.07
16) Chrysene-d12	21.24	240	14755	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	17683	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6481	0.36	ng/ul	-0.02
14) Fluoranthene-d10	19.09	212	17848	0.00	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.51	128	4952	0.169	ng/ul#	88
5) 2-Methylnaphthalene	12.13	142	811	0.038	ng/ul	100
8) Acenaphthene	14.38	153	1017	0.043	ng/ul	95
9) Fluorene	15.37	166	888	0.030	ng/ul#	97
17) Pyrene	19.45	202	2958	0.044	ng/ul#	1
23) Benzo(a)pyrene	23.30	252	6514	0.103	ng/ul#	83

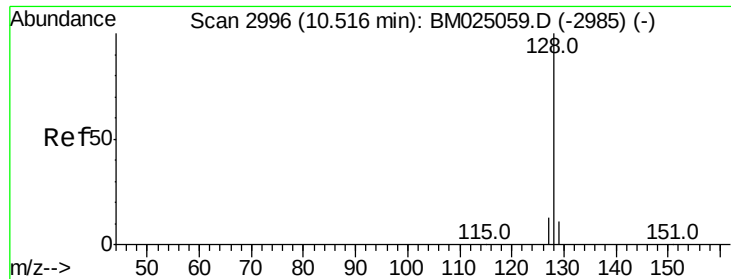
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.169 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BM025118.D

Acq: 28 Feb 2020 00:03

Instrument :

BNA_M

ClientSampleId :

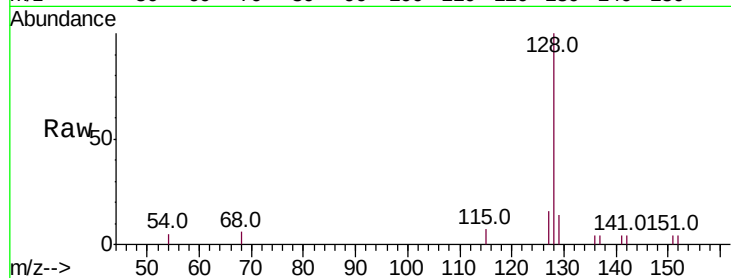
Tot Ion:128 Resp: 4952

Ion Ratio Lower Upper

128 100

129 14.2 17.0 25.6#

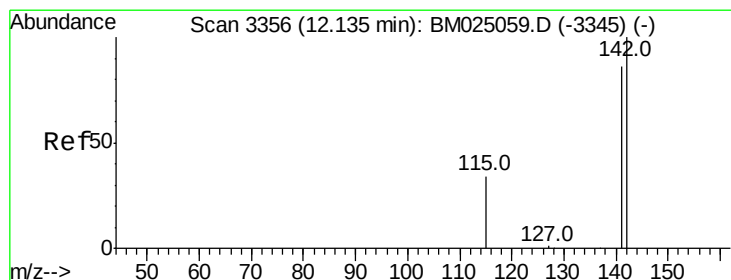
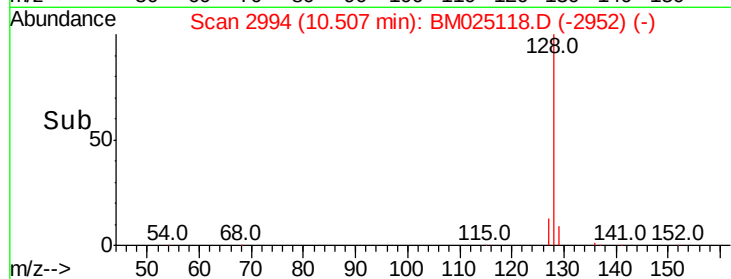
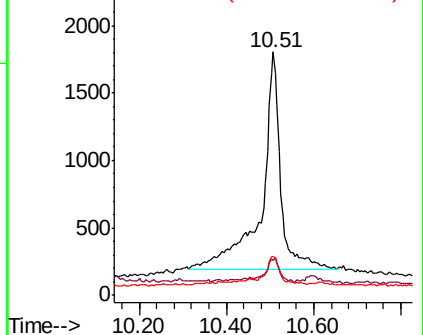
127 16.1 15.7 23.5



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: 0.038 ng/ul

RT: 12.13 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM025118.D

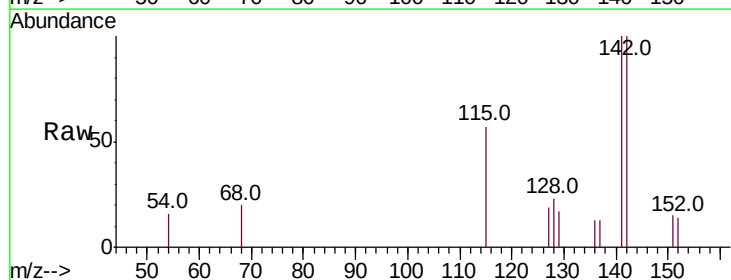
Acq: 28 Feb 2020 00:03

Tgt Ion:142 Resp: 811

Ion Ratio Lower Upper

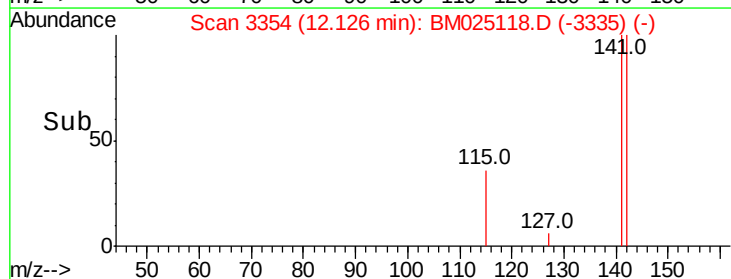
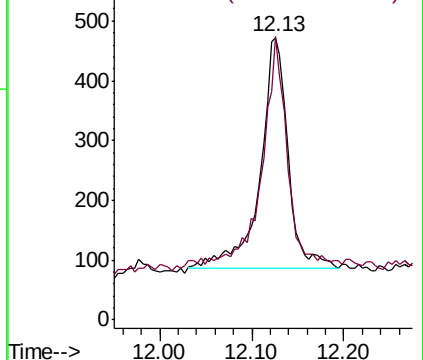
142 100

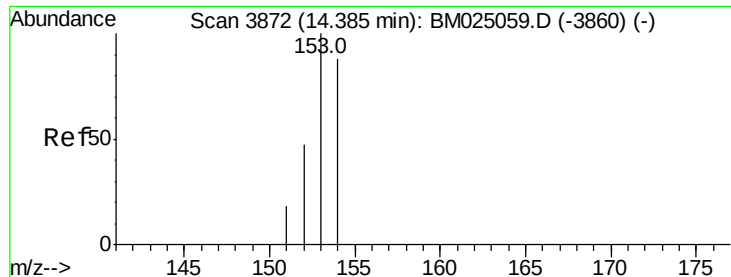
141 87.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#8

Acenaphthene

Concen: 0.043 ng/ul

RT: 14.38 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM025118.D

Acq: 28 Feb 2020 00:03

Instrument :

BNA_M

ClientSampleId :

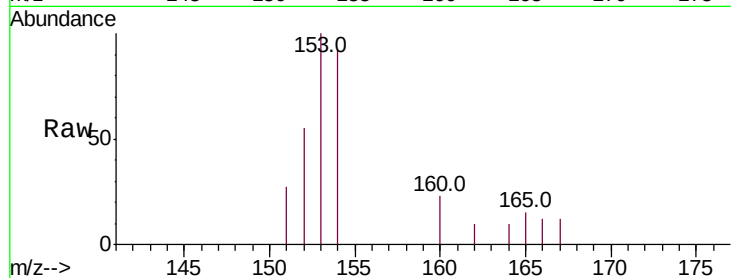
Tot Ion:153 Resp: 1017

Ion Ratio Lower Upper

153 100

152 54.7 40.0 60.0

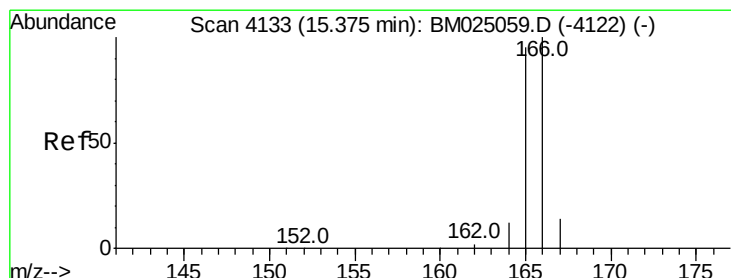
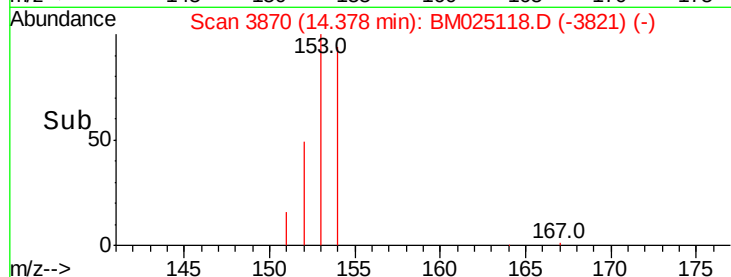
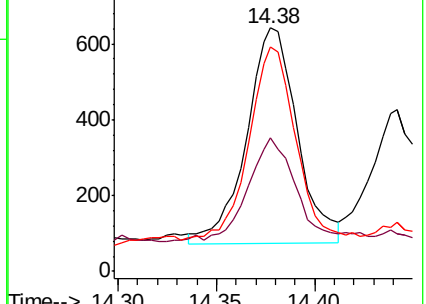
154 92.4 71.0 106.6



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: 0.030 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.01 min

Lab File: BM025118.D

Acq: 28 Feb 2020 00:03

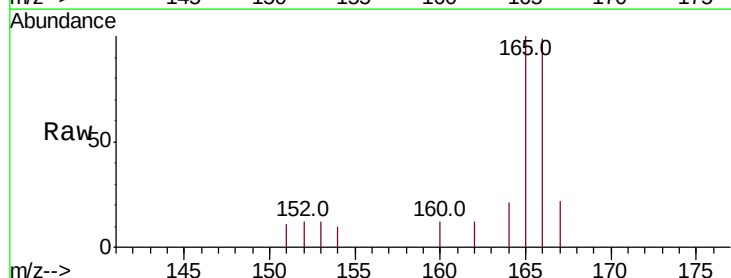
Tgt Ion:166 Resp: 888

Ion Ratio Lower Upper

166 100

165 101.3 80.0 120.0

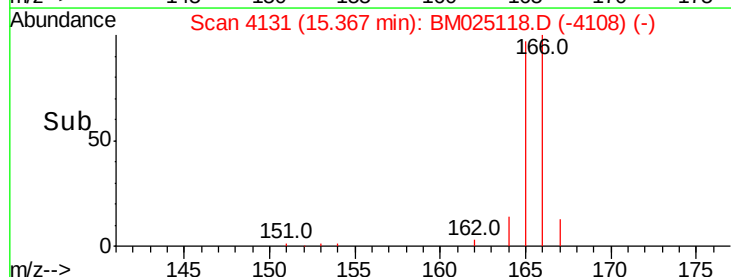
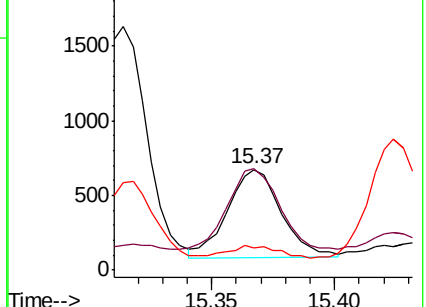
167 22.4 13.7 20.5#

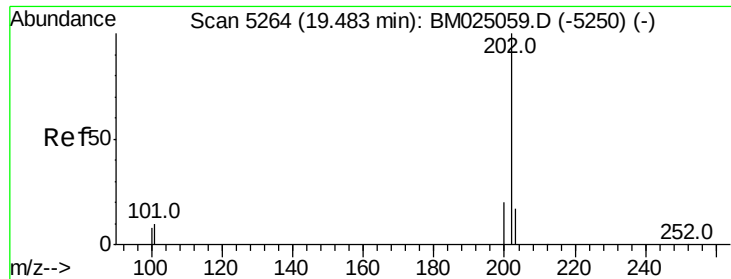


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#17

Pvrene

Concen: 0.044 ng/ul

RT: 19.45 min Scan# 5255

Delta R.T. -0.04 min

Lab File: BM025118.D

Acq: 28 Feb 2020 00:03

Instrument :

BNA_M

ClientSampleId :

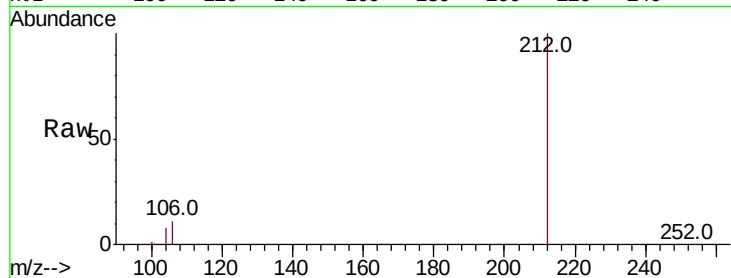
Tot Ion:202 Resp: 2958

Ion Ratio Lower Upper

202 100

101 135.1 8.7 13.1#

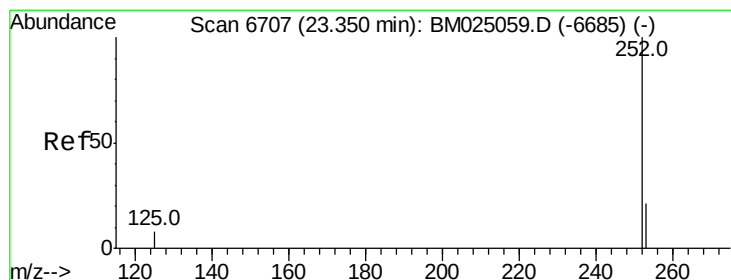
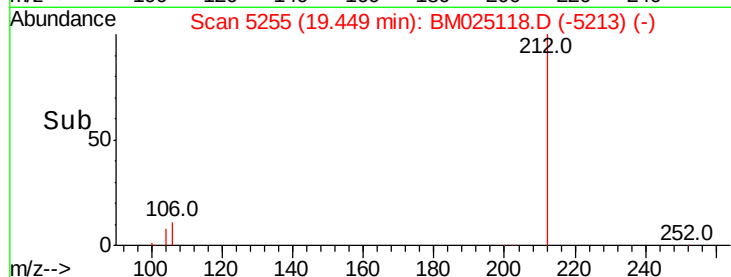
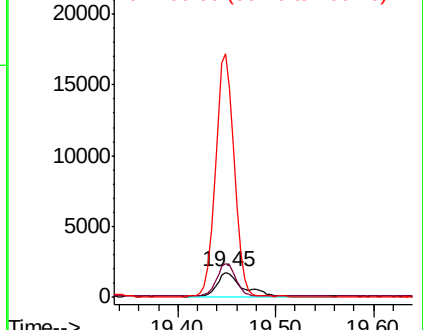
100 966.9 7.3 10.9#



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: 0.103 ng/ul

RT: 23.30 min Scan# 6688

Delta R.T. -0.06 min

Lab File: BM025118.D

Acq: 28 Feb 2020 00:03

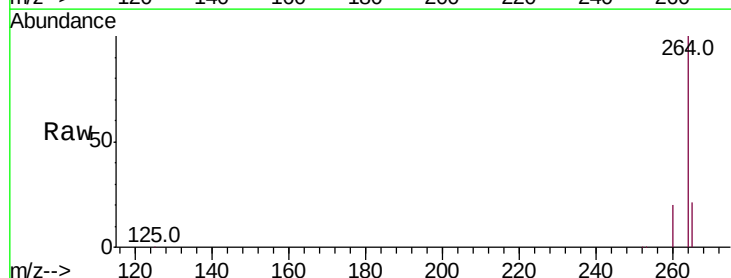
Tgt Ion:252 Resp: 6514

Ion Ratio Lower Upper

252 100

253 34.4 20.3 30.5#

125 23.3 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

