

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025117.D
 Acq On : 27 Feb 2020 23:27
 Operator : CG/JU
 Sample : L1582-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:34 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

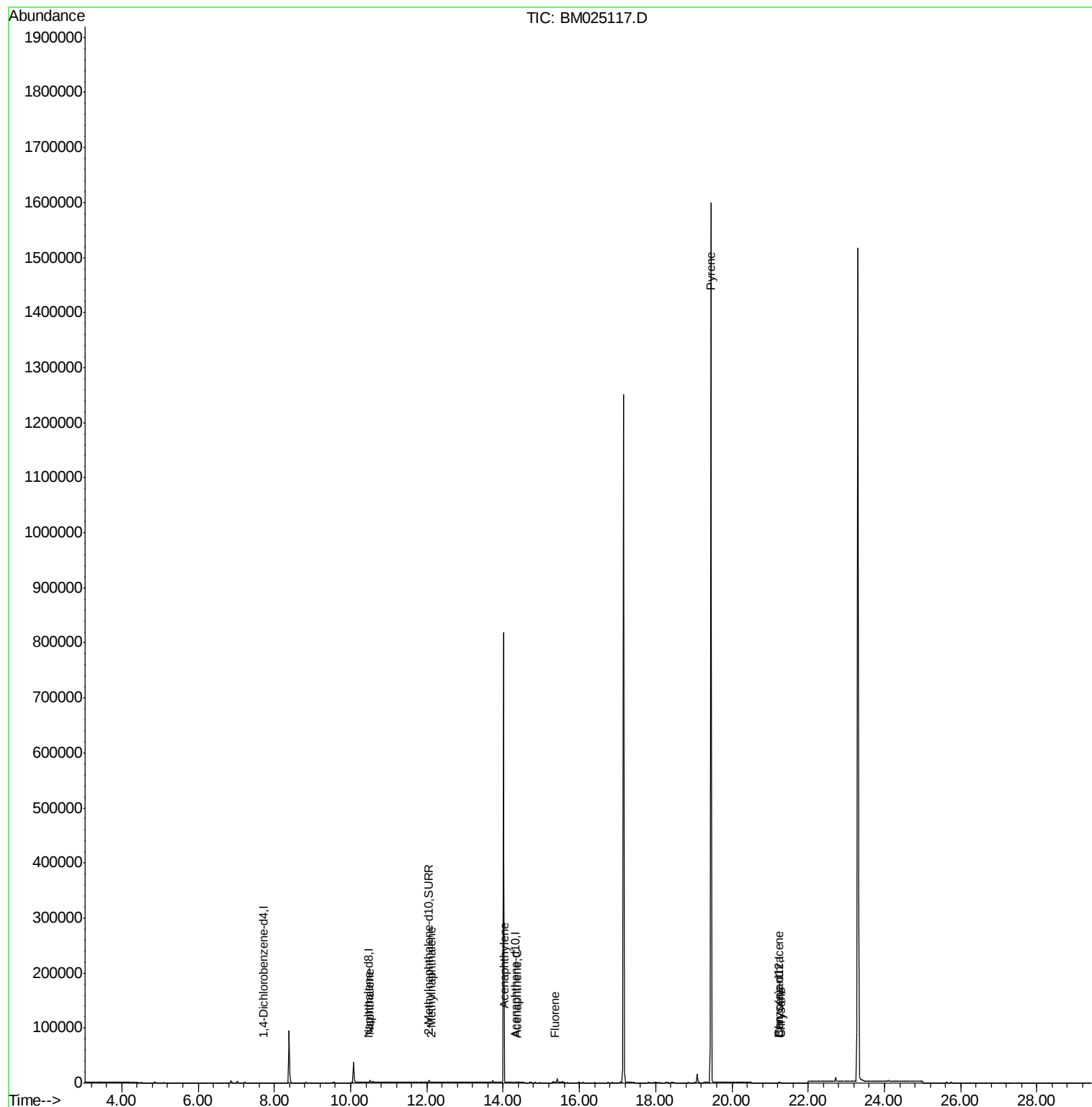
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	7	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	160	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	483	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.07
16) Chrysene-d12	21.24	240	1308	0.40	ng/ul	-0.01
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.45
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6167	20.52	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	18441	0.00	ng/ul	-0.01
Target Compounds						
					Ovalue	
3) Naphthalene	10.51	128	10550	21.661	ng/ul#	85
5) 2-Methylnaphthalene	12.12	142	1060	3.016	ng/ul	97
7) Acenaphthylene	14.03	152	112	0.040	ng/ul#	7
8) Acenaphthene	14.38	153	1173	0.627	ng/ul	95
9) Fluorene	15.37	166	749	0.319	ng/ul#	96
17) Pyrene	19.45	202	3024	0.513	ng/ul#	1
18) Benzo(a)anthracene	21.22	228	250	0.044	ng/ul#	53
19) Chrysene	21.28	228	257	0.046	ng/ul#	59

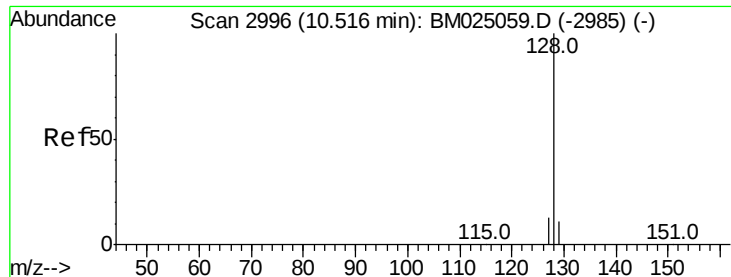
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 21.661 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

ClientSampleId :

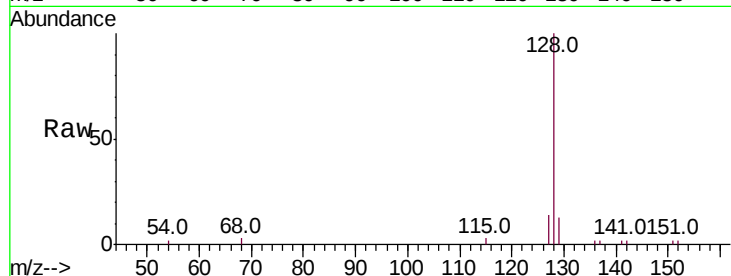
Tot Ion:128 Resp: 10550

Ion Ratio Lower Upper

128 100

129 13.1 17.0 25.6#

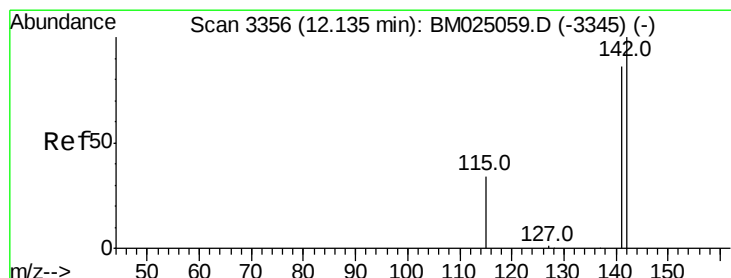
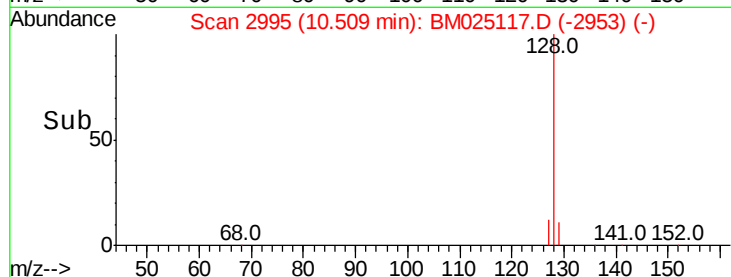
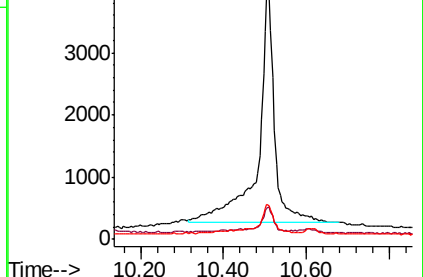
127 13.8 15.7 23.5#



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: 3.016 ng/ul

RT: 12.12 min Scan# 3354

Delta R.T. -0.02 min

Lab File: BM025117.D

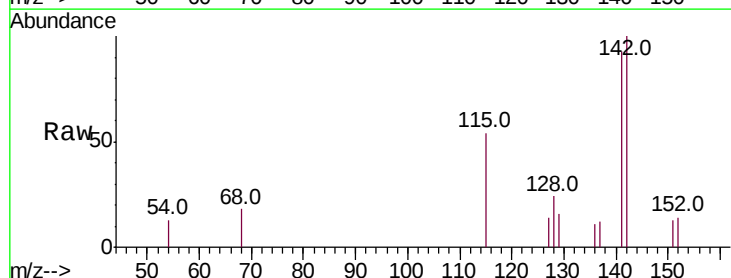
Acq: 27 Feb 2020 23:27

Tgt Ion:142 Resp: 1060

Ion Ratio Lower Upper

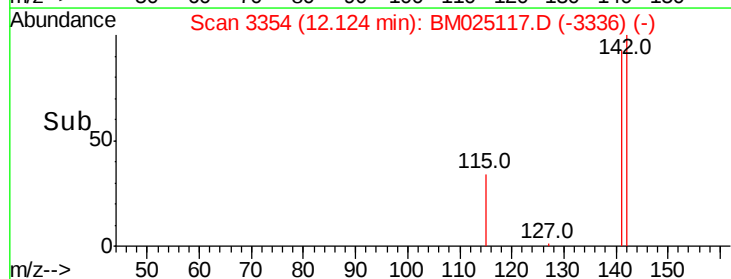
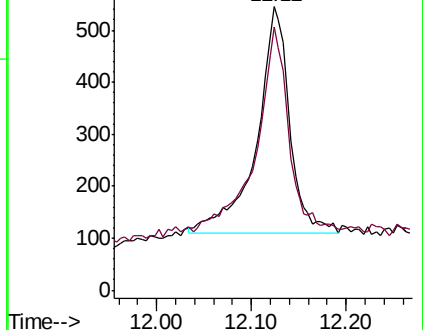
142 100

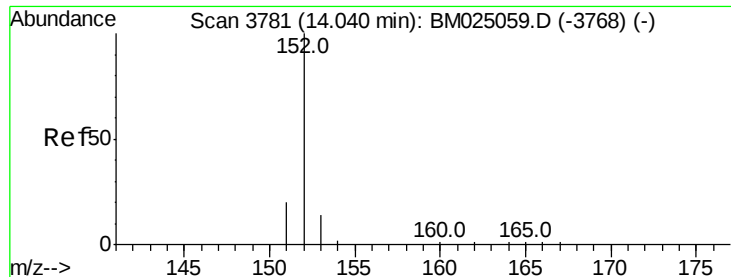
141 90.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.040 ng/ul

RT: 14.03 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

ClientSampleId :

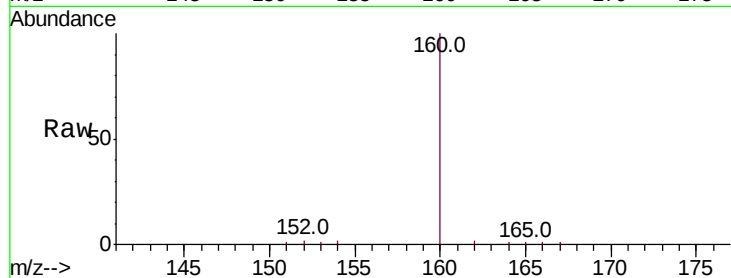
Tot Ion:152 Resp: 112

Ion Ratio Lower Upper

152 100

151 59.5 17.8 26.8#

153 65.4 13.3 19.9#



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

500

400

300

200

100

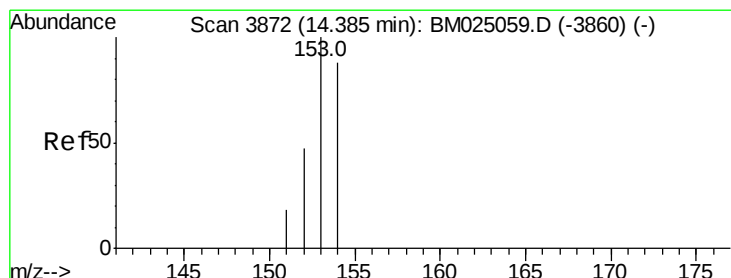
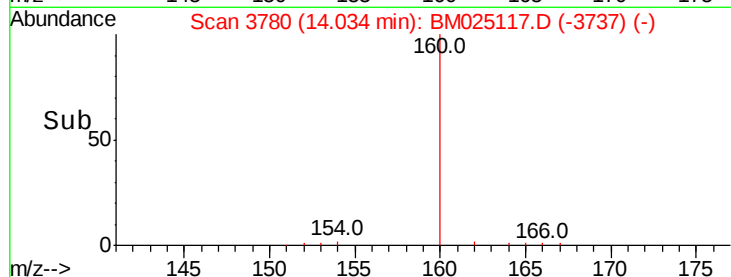
0

14.00

14.03

14.05

Time-->



#8

Acenaphthene

Concen: 0.627 ng/ul

RT: 14.38 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

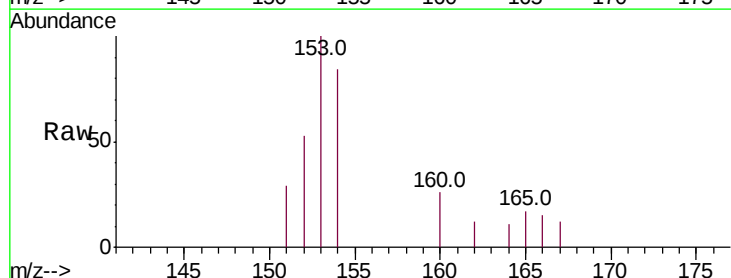
Tgt Ion:153 Resp: 1173

Ion Ratio Lower Upper

153 100

152 53.3 40.0 60.0

154 84.4 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

600

400

200

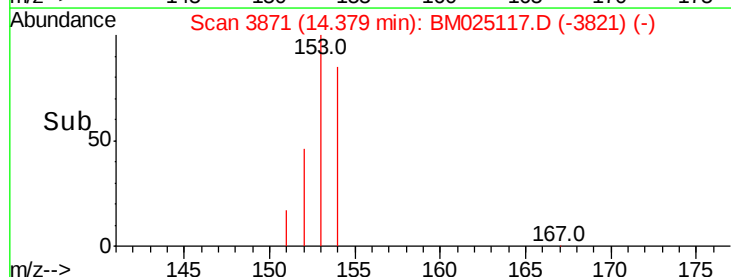
0

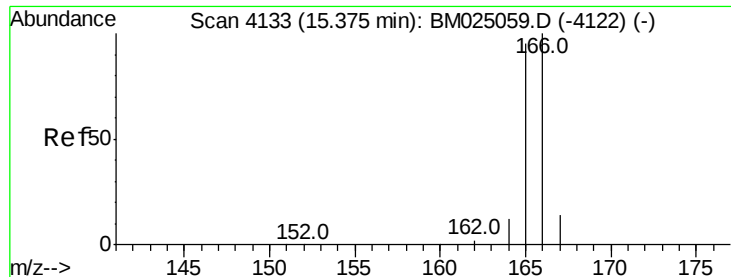
14.30

14.38

14.40

Time-->





#9

Fluorene

Concen: 0.319 ng/ul

RT: 15.37 min Scan# 4131

Delta R.T. -0.02 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

ClientSampled :

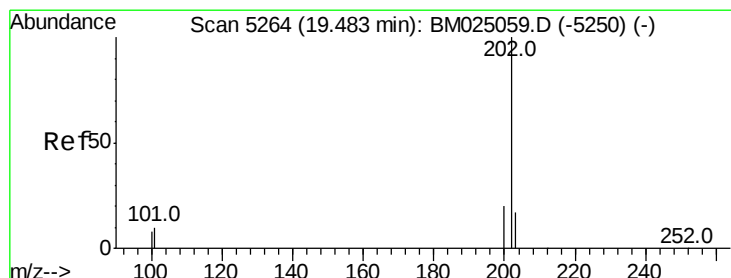
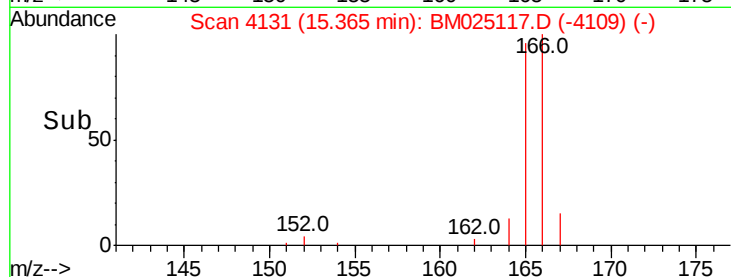
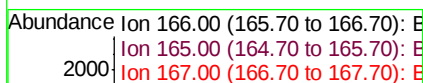
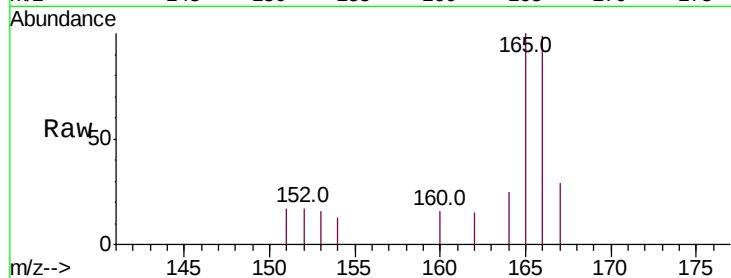
Tot Ion:166 Resp: 749

Ion Ratio Lower Upper

166 100

165 100.6 80.0 120.0

167 28.8 13.7 20.5#



#17

Pyrene

Concen: 0.513 ng/ul

RT: 19.45 min Scan# 5256

Delta R.T. -0.04 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

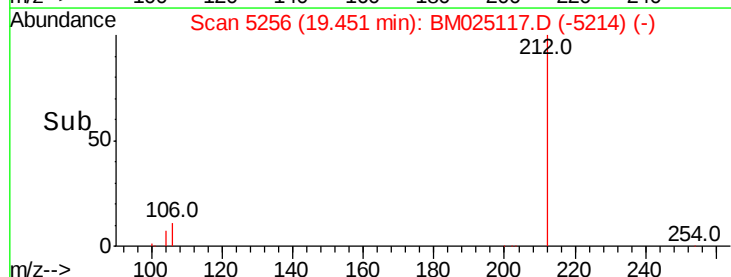
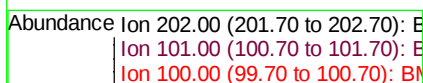
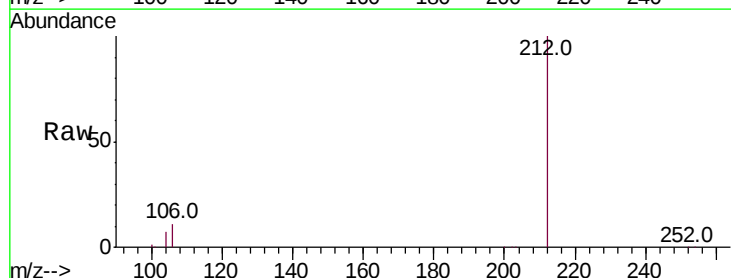
Tgt Ion:202 Resp: 3024

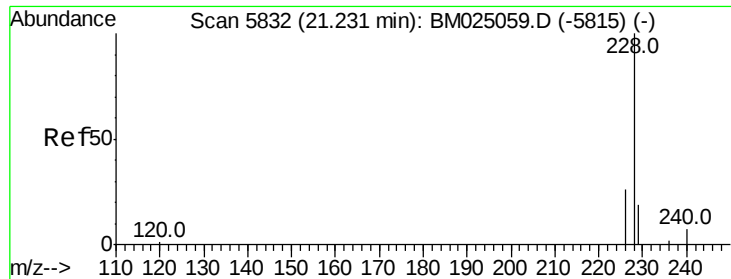
Ion Ratio Lower Upper

202 100

101 136.5 8.7 13.1#

100 916.3 7.3 10.9#





#18

Benzo(a)anthracene

Concen: 0.044 ng/ul

RT: 21.22 min Scan# 5830

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

ClientSampleId :

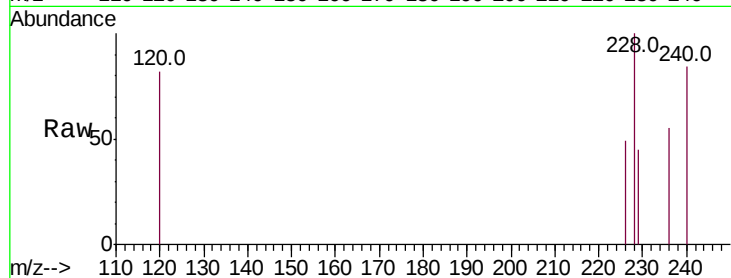
Tot Ion:228 Resp: 250

Ion Ratio Lower Upper

228 100

229 45.3 16.6 25.0#

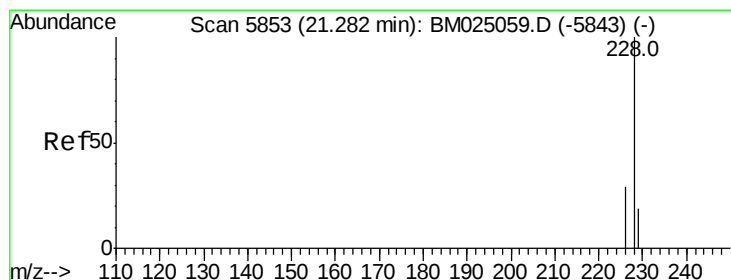
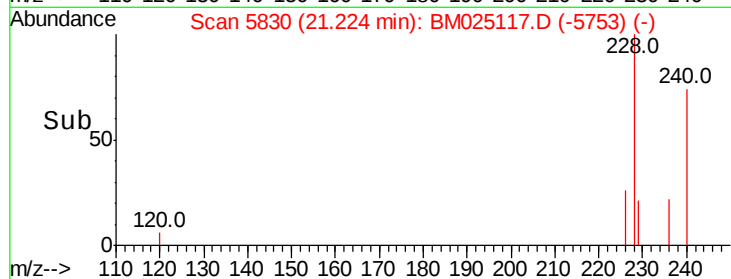
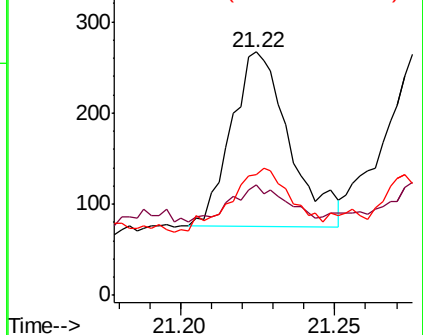
226 49.4 21.9 32.9#



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: 0.046 ng/ul

RT: 21.28 min Scan# 5851

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

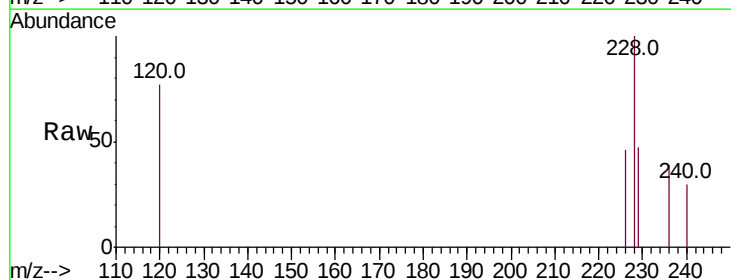
Tgt Ion:228 Resp: 257

Ion Ratio Lower Upper

228 100

226 46.4 23.8 35.8#

229 46.8 16.9 25.3#



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

