

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025116.D
 Acq On : 27 Feb 2020 22:51
 Operator : CG/JU
 Sample : L1582-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 28 04:27:30 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

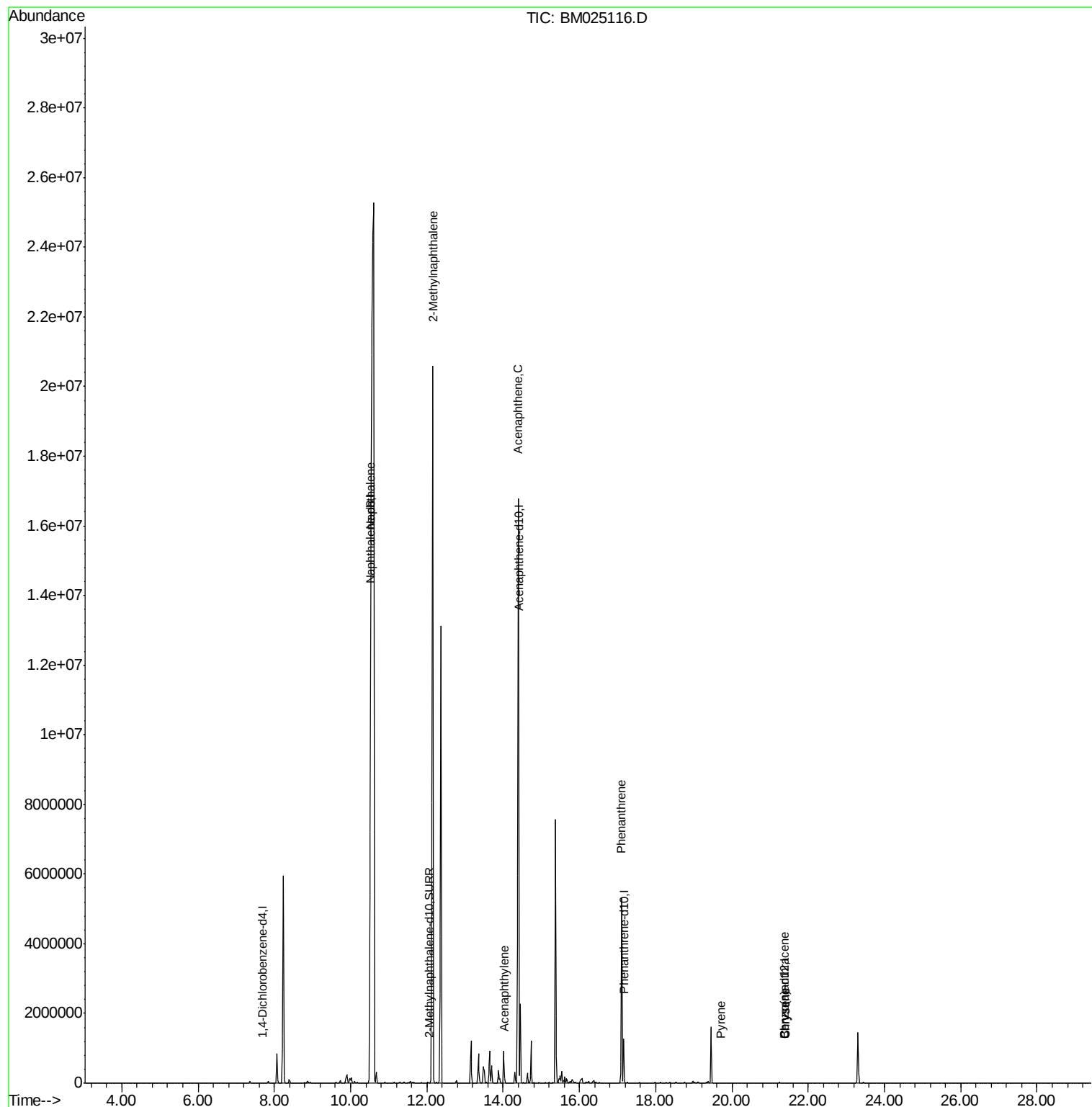
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	5581	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	23099	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.41	164	3156	0.40	ng/ul	0.09
10) Phenanthrene-d10	17.16	188	1474573	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	181	0.40	ng/ul	0.13
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.45
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7518	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.22	212	6119	0.00	ng/ul	0.12
Target Compounds						
					Ovalue	
3) Naphthalene	10.52	128	61141976	869.540	ng/ul#	87
5) 2-Methylnaphthalene	12.15	142	17716448	349.174	ng/ul	100
7) Acenaphthylene	14.04	152	131757	7.241	ng/ul#	88
8) Acenaphthene	14.40	153	10585338	865.824	ng/ul	95
12) Phenanthrene	17.11	178	5697140	1.098	ng/ul	96
17) Pyrene	19.70	202	808	0.991	ng/ul#	13
18) Benzo(a)anthracene	21.38	228	96	0.123	ng/ul#	1
19) Chrysene	21.41	228	243	0.312	ng/ul#	33

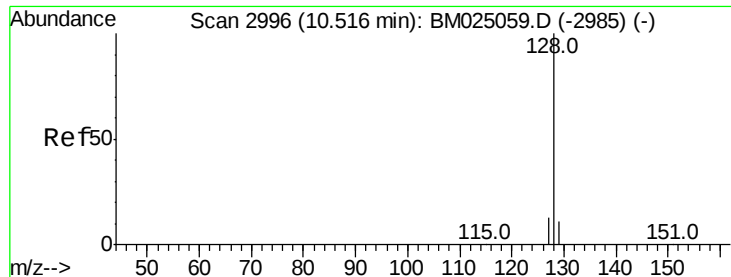
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 869.540 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

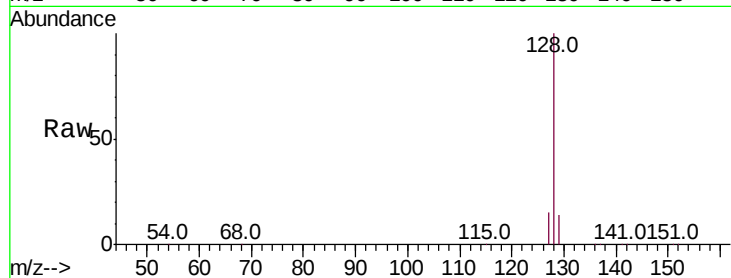
Tot Ion:128 Resp:61141976

Ion Ratio Lower Upper

128 100

129 13.7 17.0 25.6#

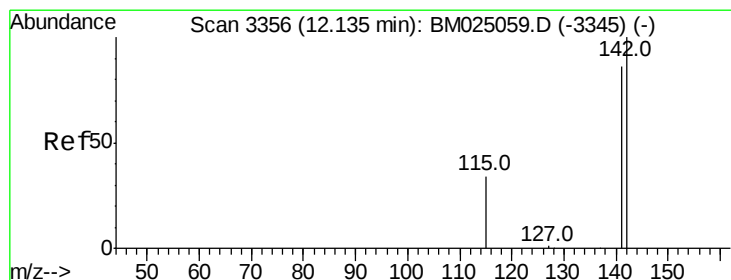
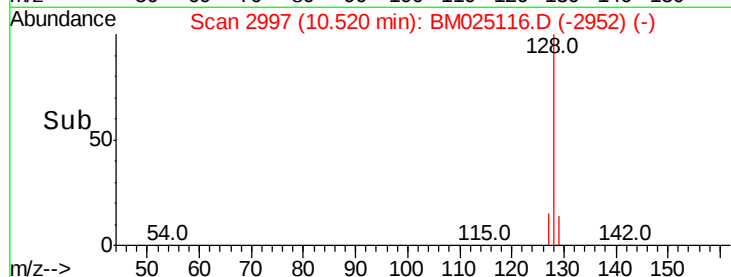
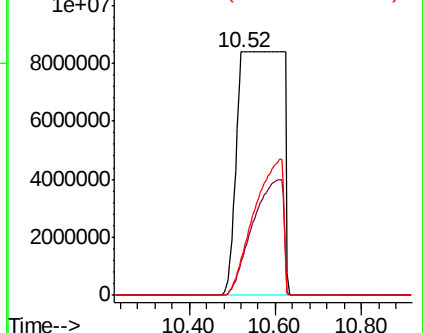
127 15.1 15.7 23.5#



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: 349.174 ng/ul

RT: 12.15 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM025116.D

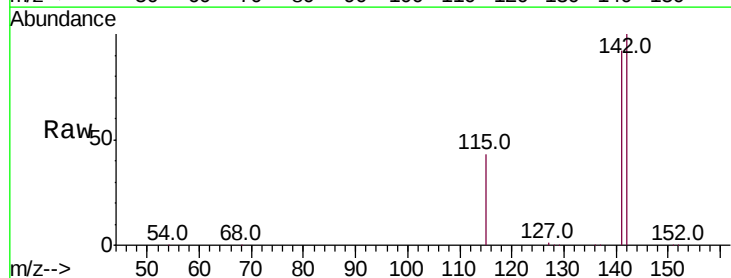
Acq: 27 Feb 2020 22:51

Tgt Ion:142 Resp:17716448

Ion Ratio Lower Upper

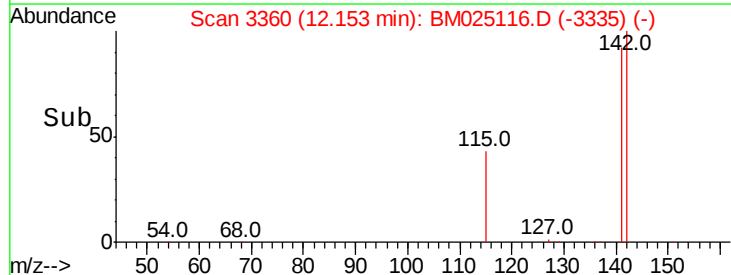
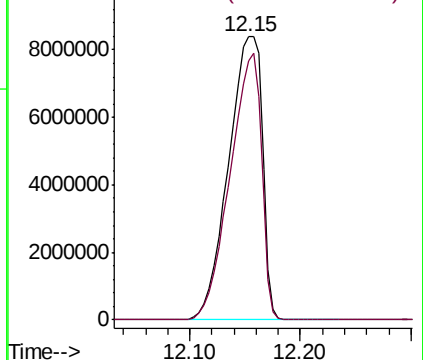
142 100

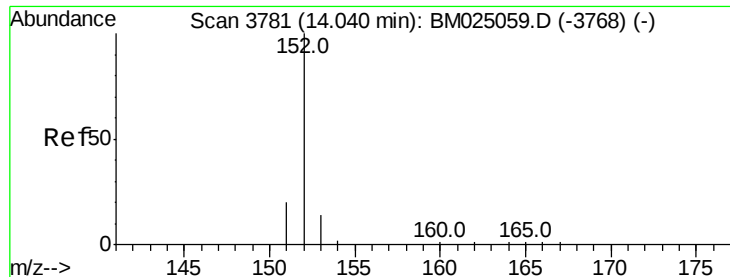
141 87.4 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 7.241 ng/ul

RT: 14.04 min Scan# 3780

Delta R.T. -0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

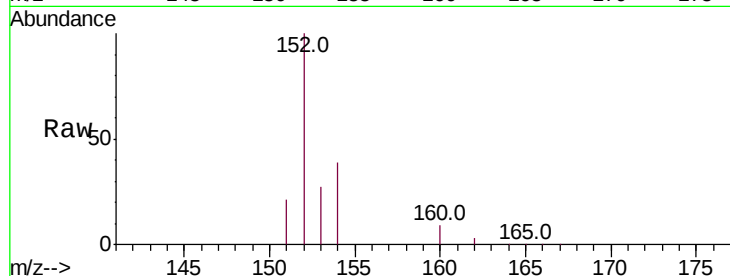
Tot Ion:152 Resp: 131757

Ion Ratio Lower Upper

152 100

151 21.0 17.8 26.8

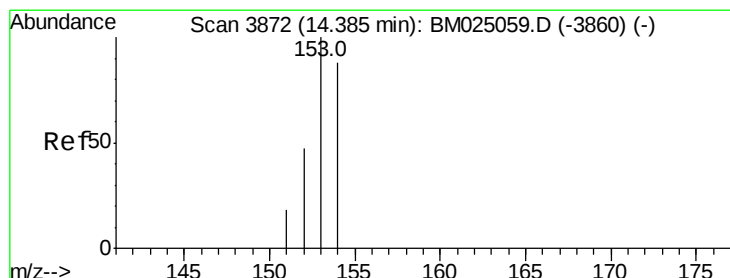
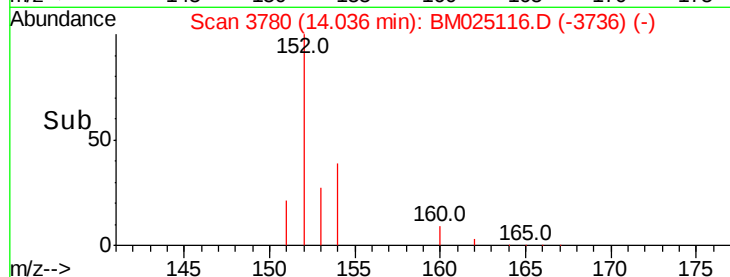
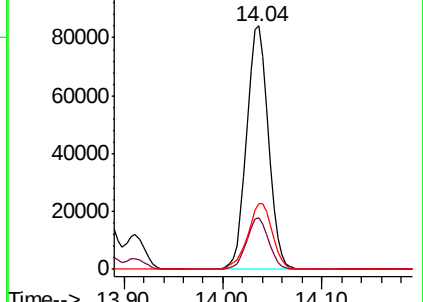
153 27.2 13.3 19.9#



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



#8

Acenaphthene

Concen: 865.824 ng/ul

RT: 14.40 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

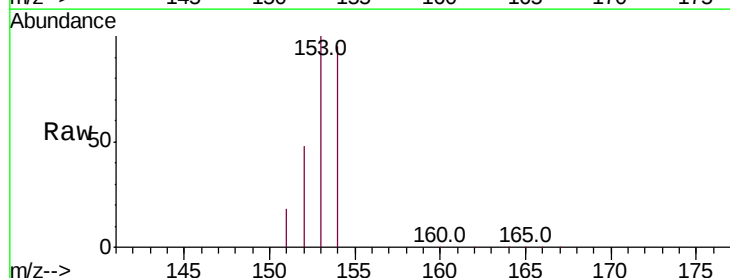
Tgt Ion:153 Resp:10585338

Ion Ratio Lower Upper

153 100

152 47.9 40.0 60.0

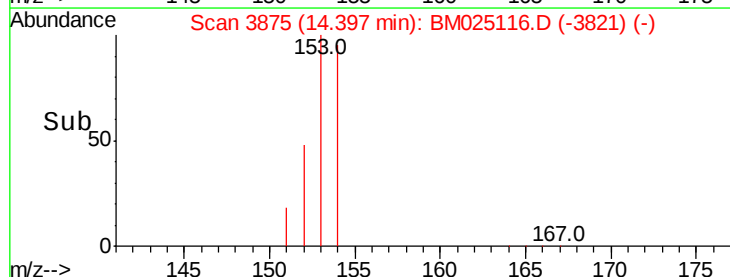
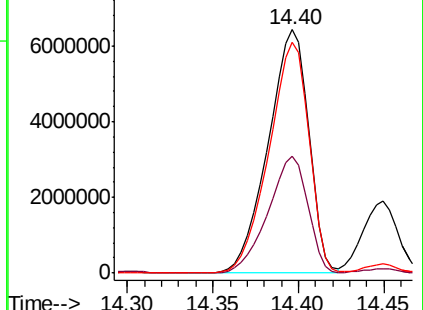
154 94.6 71.0 106.6

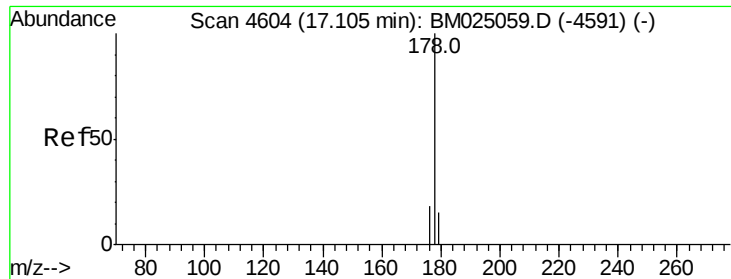


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Phenanthrene

Concen: 1.098 ng/ul

RT: 17.11 min Scan# 4604

Delta R.T. -0.01 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

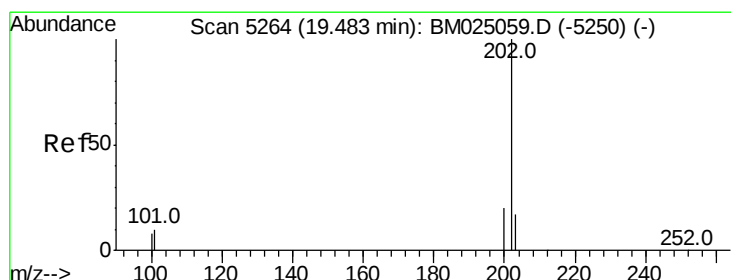
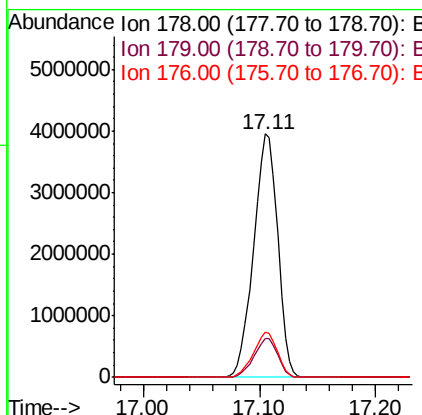
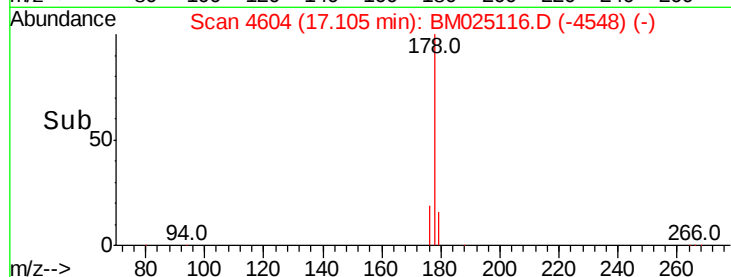
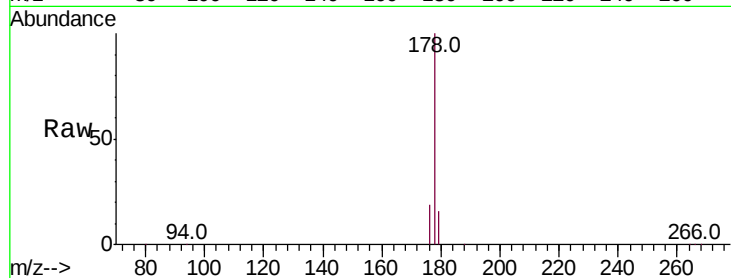
Tot Ion:178 Resp: 5697140

Ion Ratio Lower Upper

178 100

179 15.9 14.0 21.0

176 18.6 16.6 24.8



#17

Pyrene

Concen: 0.991 ng/ul

RT: 19.70 min Scan# 5322

Delta R.T. 0.22 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

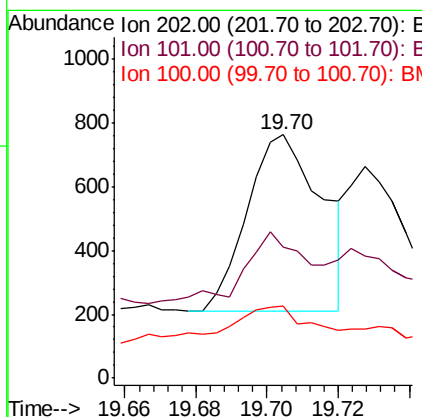
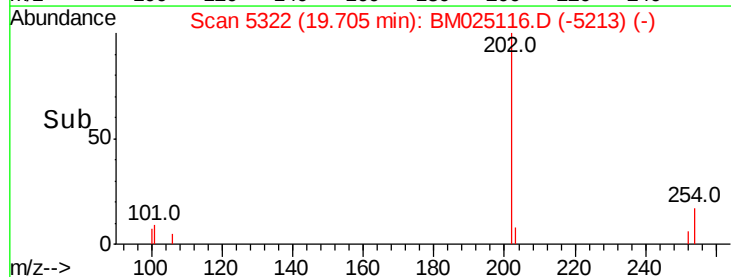
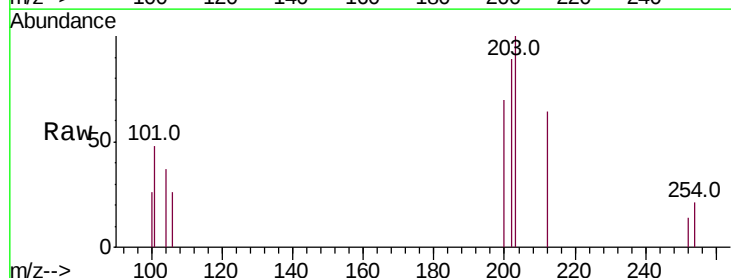
Tgt Ion:202 Resp: 808

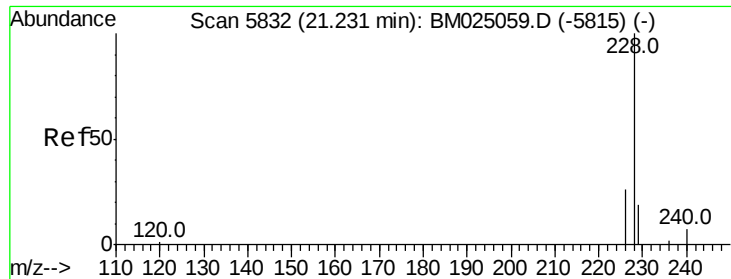
Ion Ratio Lower Upper

202 100

101 53.9 8.7 13.1#

100 29.5 7.3 10.9#





#18

Benzo(a)anthracene

Concen: 0.123 ng/ul

RT: 21.38 min Scan# 5895

Delta R.T. 0.14 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

Instrument :

BNA_M

ClientSampleId :

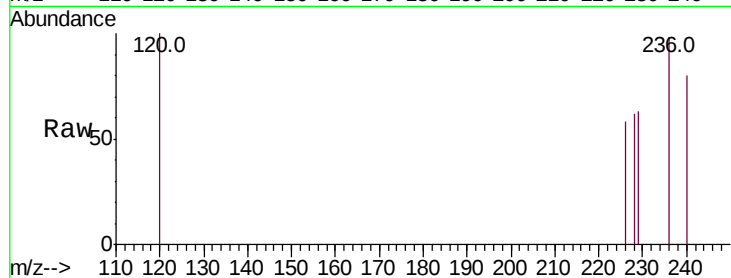
Tot Ion:228 Resp: 96

Ion Ratio Lower Upper

228 100

229 101.1 16.6 25.0#

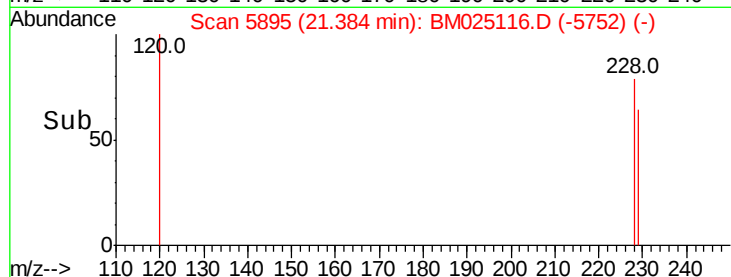
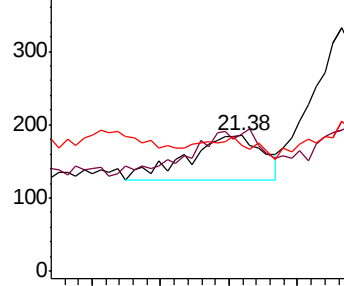
226 93.0 21.9 32.9#



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: 0.312 ng/ul

RT: 21.41 min Scan# 5907

Delta R.T. 0.12 min

Lab File: BM025116.D

Acq: 27 Feb 2020 22:51

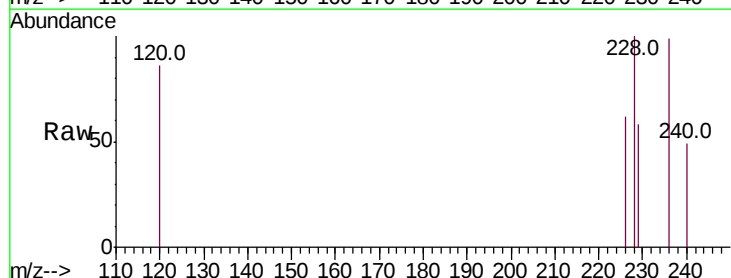
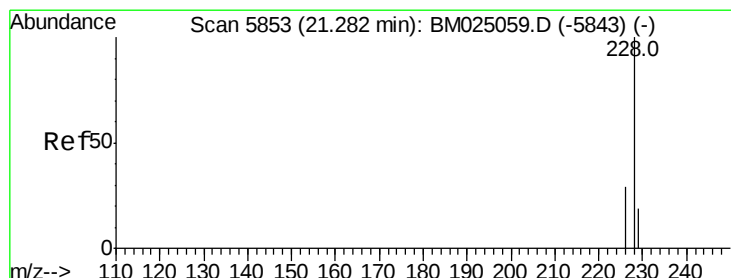
Tgt Ion:228 Resp: 243

Ion Ratio Lower Upper

228 100

226 61.7 23.8 35.8#

229 58.1 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

