

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025056.D
 Acq On : 25 Feb 2020 22:28
 Operator : CG/JU
 Sample : L1486-12DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCW3DL

Quant Time: Feb 26 00:09:31 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

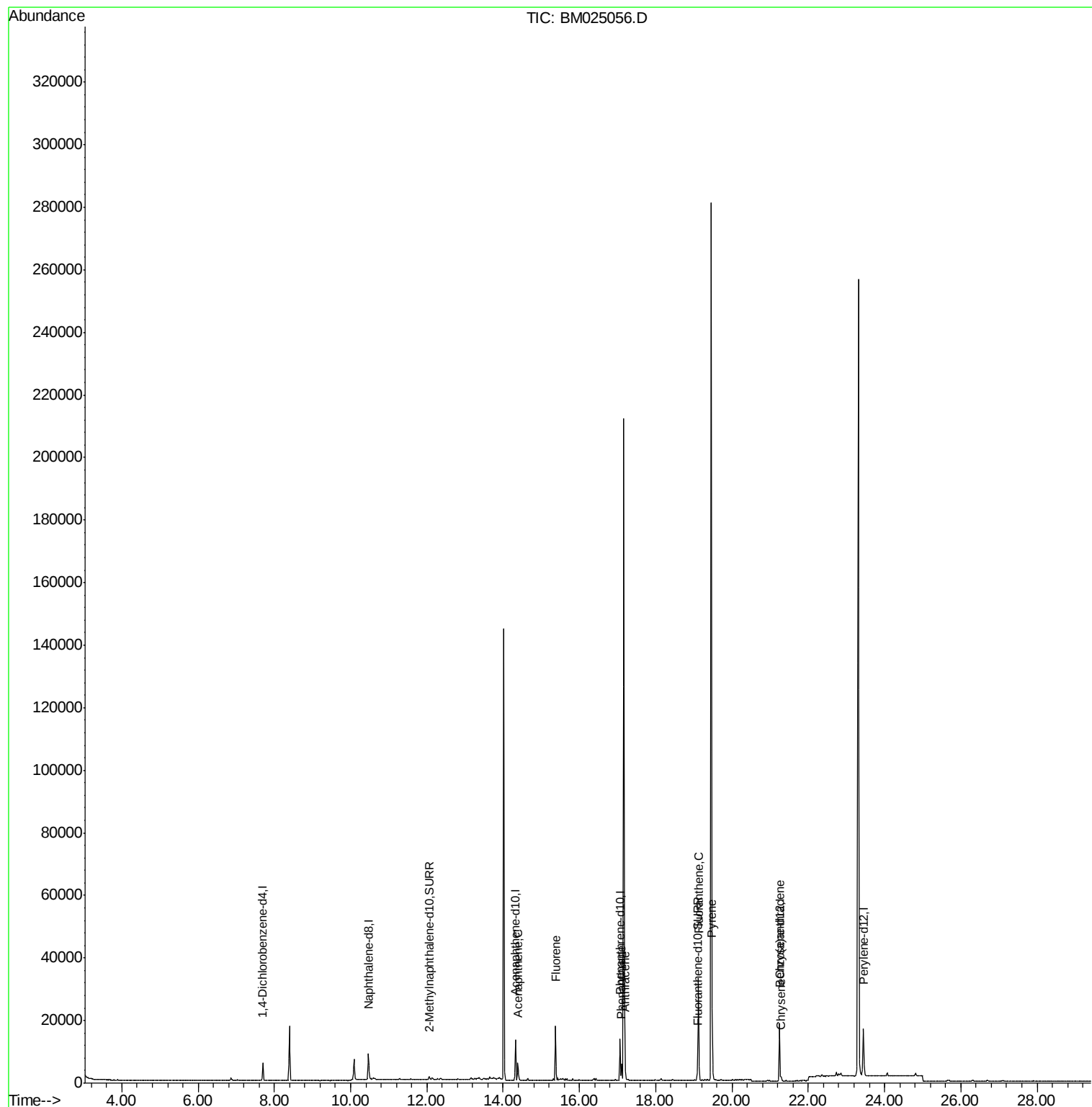
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2808	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	10990	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	6948	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	15698	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	16178	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	18601	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1112	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	3166	0.06	ng/ul	0.00
Target Compounds				Ovalue		
8) Acenaphthene	14.39	153	3365	0.125	ng/ul	99
9) Fluorene	15.37	166	10346	0.306	ng/ul	98
12) Phenanthrene	17.11	178	5692	0.103	ng/ul	98
13) Anthracene	17.20	178	4448	0.083	ng/ul	99
15) Fluoranthene	19.12	202	28342	0.353	ng/ul	98
17) Pyrene	19.48	202	16564	0.227	ng/ul	99
18) Benzo(a)anthracene	21.23	228	2126	0.030	ng/ul	94
19) Chrysene	21.28	228	2381	0.034	ng/ul	95

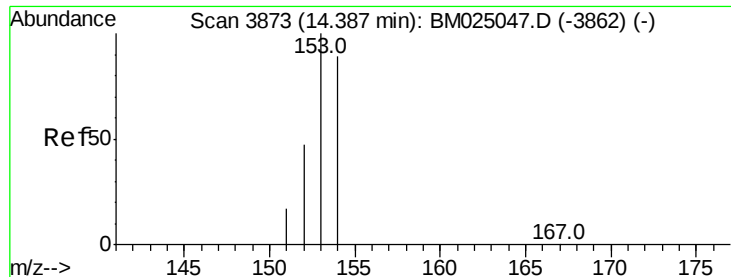
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthene

Concen: 0.125 ng/ul

RT: 14.39 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM025056.D

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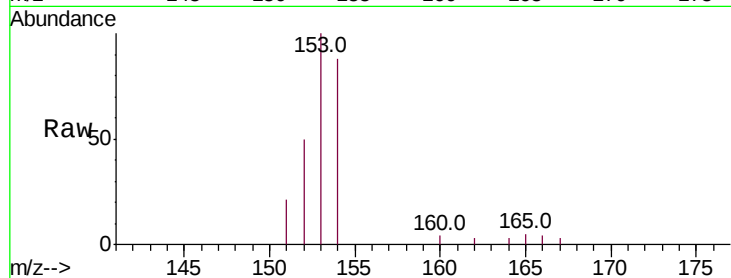
Tot Ion:153 Resp: 3365

Ion Ratio Lower Upper

153 100

152 50.0 40.0 60.0

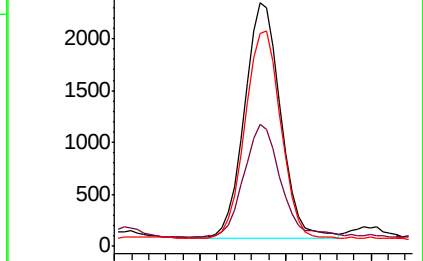
154 87.7 71.0 106.6



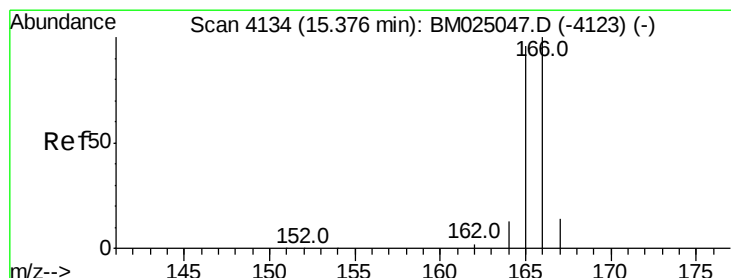
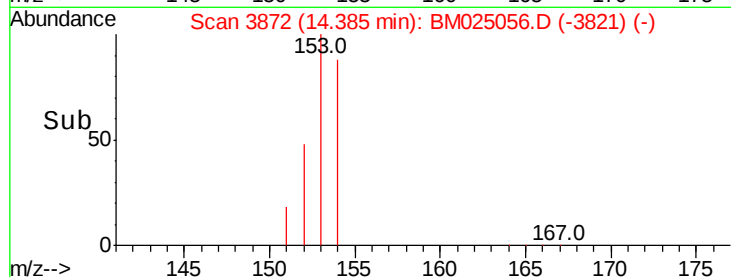
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time--> 14.30 14.35 14.40 14.45



#9

Fluorene

Concen: 0.306 ng/ul

RT: 15.37 min Scan# 4133

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

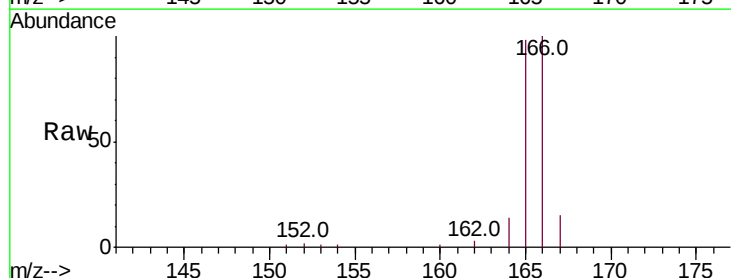
Tgt Ion:166 Resp: 10346

Ion Ratio Lower Upper

166 100

165 98.3 80.0 120.0

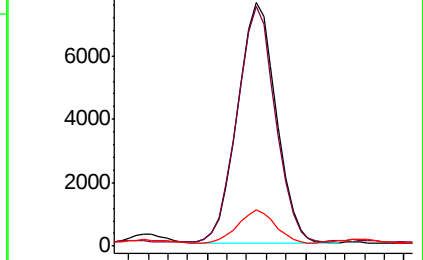
167 15.0 13.7 20.5



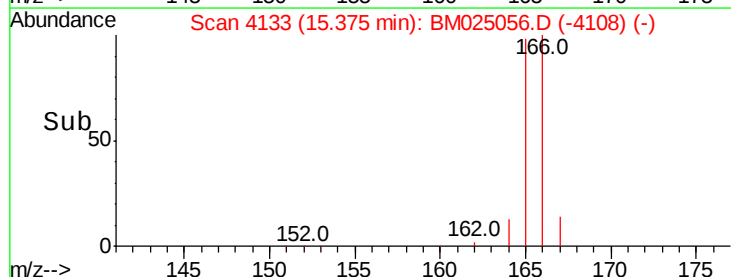
Abundance Ion 166.00 (165.70 to 166.70): E

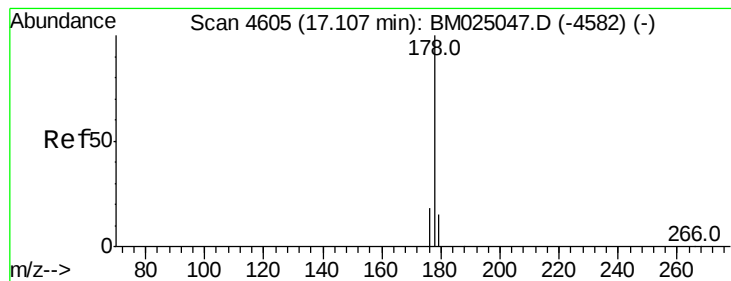
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.35 15.40





#12

Phenanthrene

Concen: 0.103 ng/ul

RT: 17.11 min Scan# 4604

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

Instrument :

BNA_M

ClientSampleId :

DBCW3DL

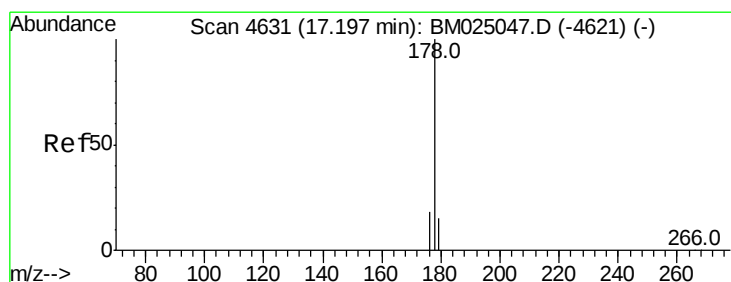
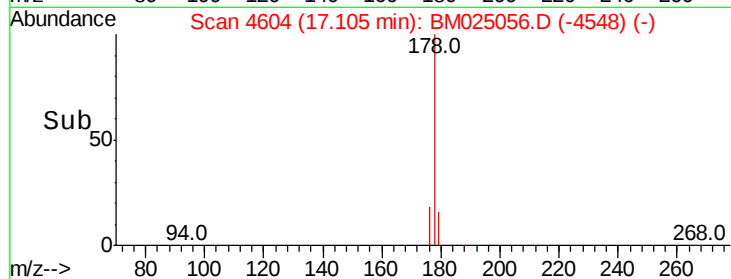
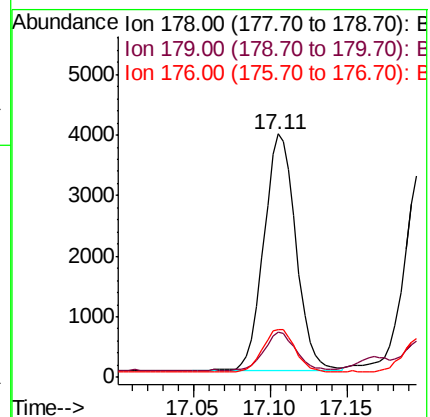
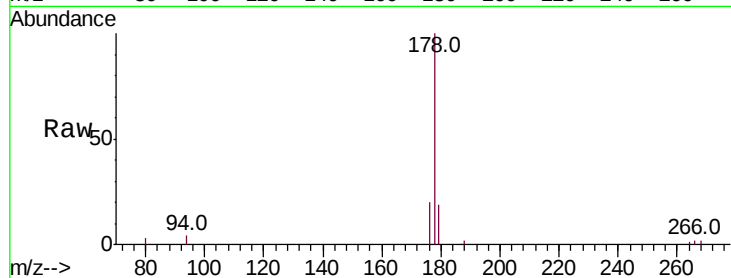
Tot Ion:178 Resp: 5692

Ion Ratio Lower Upper

178 100

179 18.6 14.0 21.0

176 19.5 16.6 24.8



#13

Anthracene

Concen: 0.083 ng/ul

RT: 17.20 min Scan# 4630

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

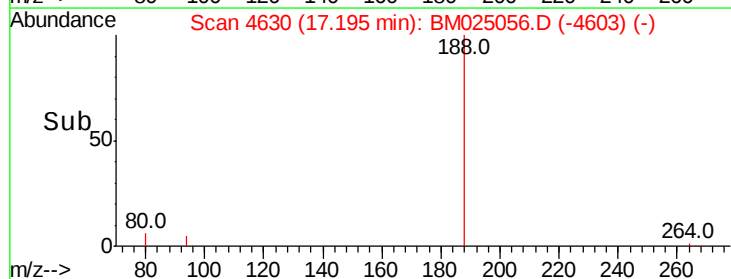
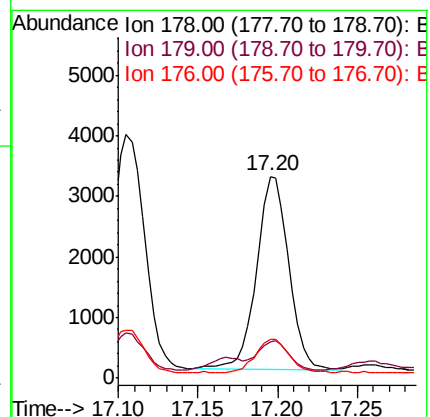
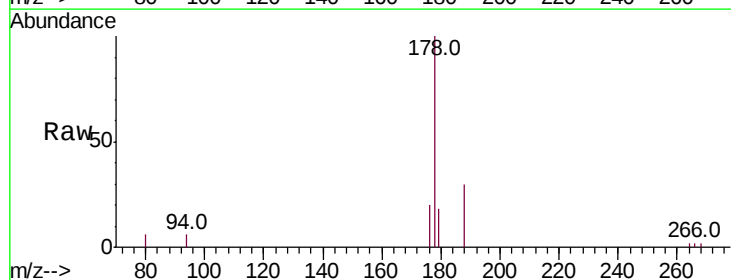
Tgt Ion:178 Resp: 4448

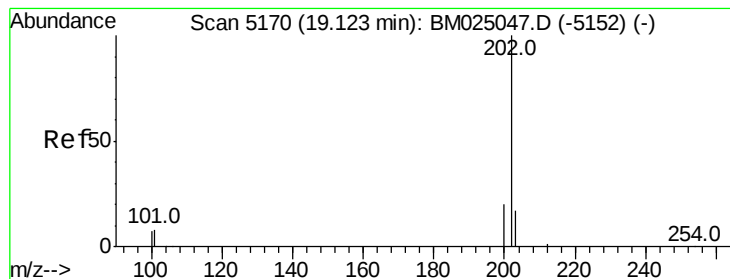
Ion Ratio Lower Upper

178 100

179 17.7 14.1 21.1

176 19.5 16.2 24.4





#15

Fluoranthene

Concen: 0.353 ng/ul

RT: 19.12 min Scan# 5169

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

Instrument :

BNA_M

ClientSampleId :

DBCW3DL

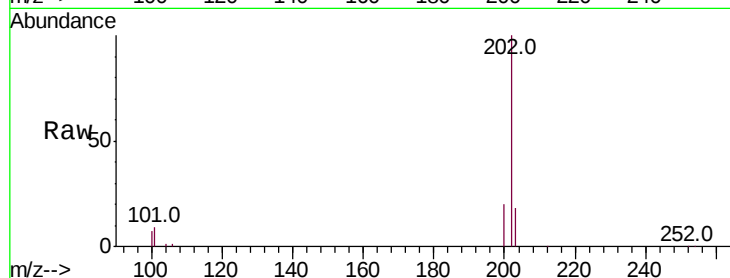
Tot Ion:202 Resp: 28342

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.4

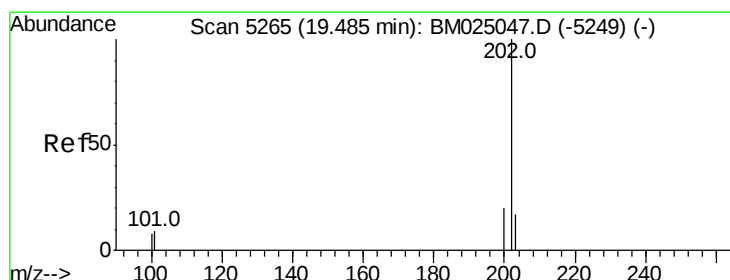
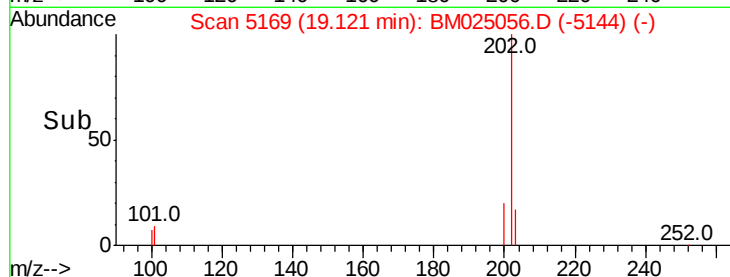
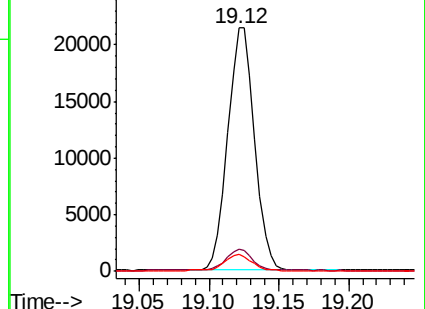
100 7.1 0.0 28.0



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: 0.227 ng/ul

RT: 19.48 min Scan# 5264

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

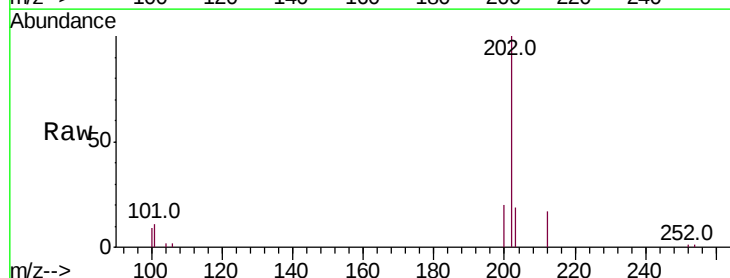
Tgt Ion:202 Resp: 16564

Ion Ratio Lower Upper

202 100

101 10.7 8.7 13.1

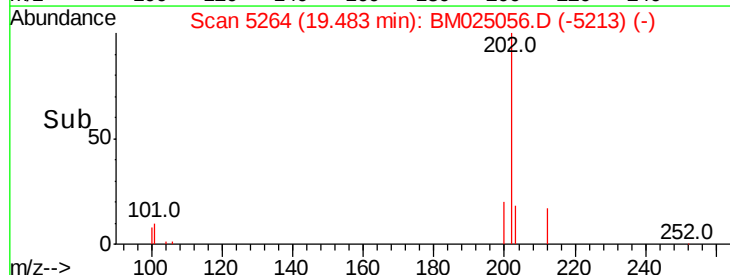
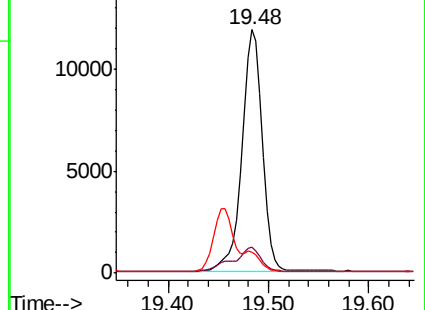
100 8.6 7.3 10.9

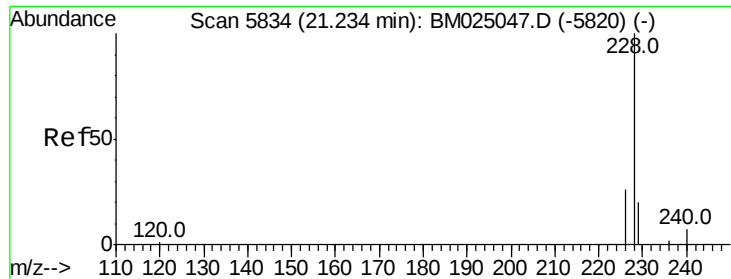


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.030 ng/ul

RT: 21.23 min Scan# 5833

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

Instrument :

BNA_M

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DBCW3DL

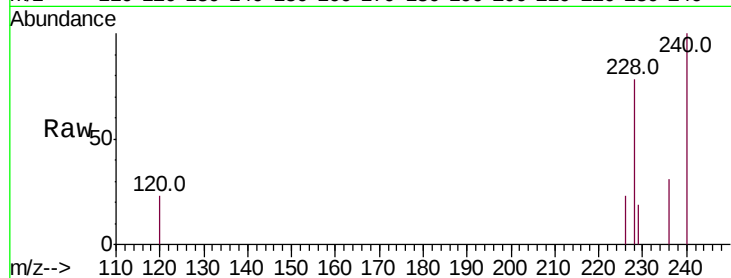
Tot Ion:228 Resp: 2126

Ion Ratio Lower Upper

228 100

229 24.8 16.6 25.0

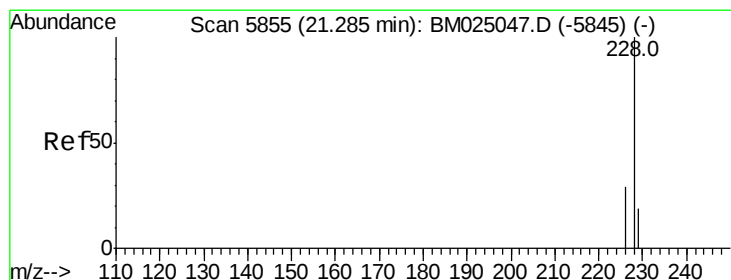
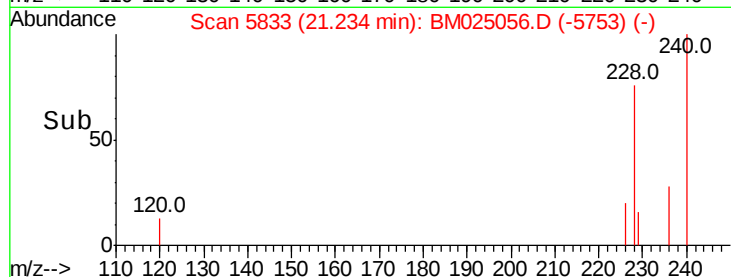
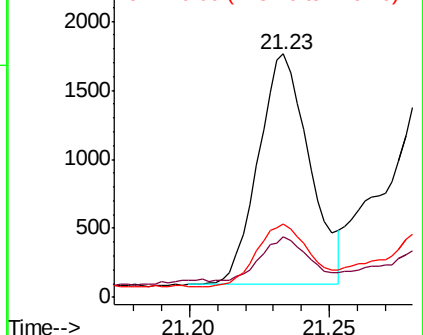
226 29.9 21.9 32.9



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: 0.034 ng/ul

RT: 21.28 min Scan# 5853

Delta R.T. -0.01 min

Lab File: BM025056.D

Acq: 25 Feb 2020 22:28

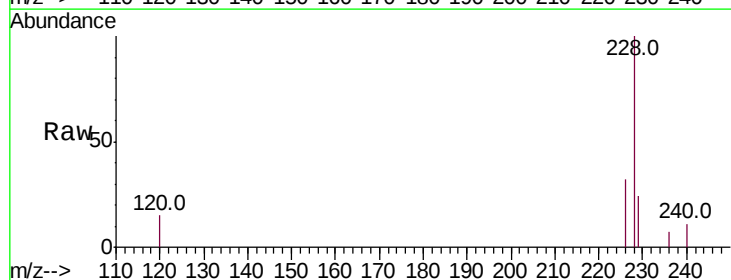
Tgt Ion:228 Resp: 2381

Ion Ratio Lower Upper

228 100

226 32.3 23.8 35.8

229 24.2 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

