

Data File : BM025143.D
Acq On : 28 Feb 2020 21:09
Operator : CG/JU
Sample : L1507-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD07

Quant Time: Feb 29 04:46:55 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 : Sat Feb 29 04:43:59 2020
Response via : Initial Calibration

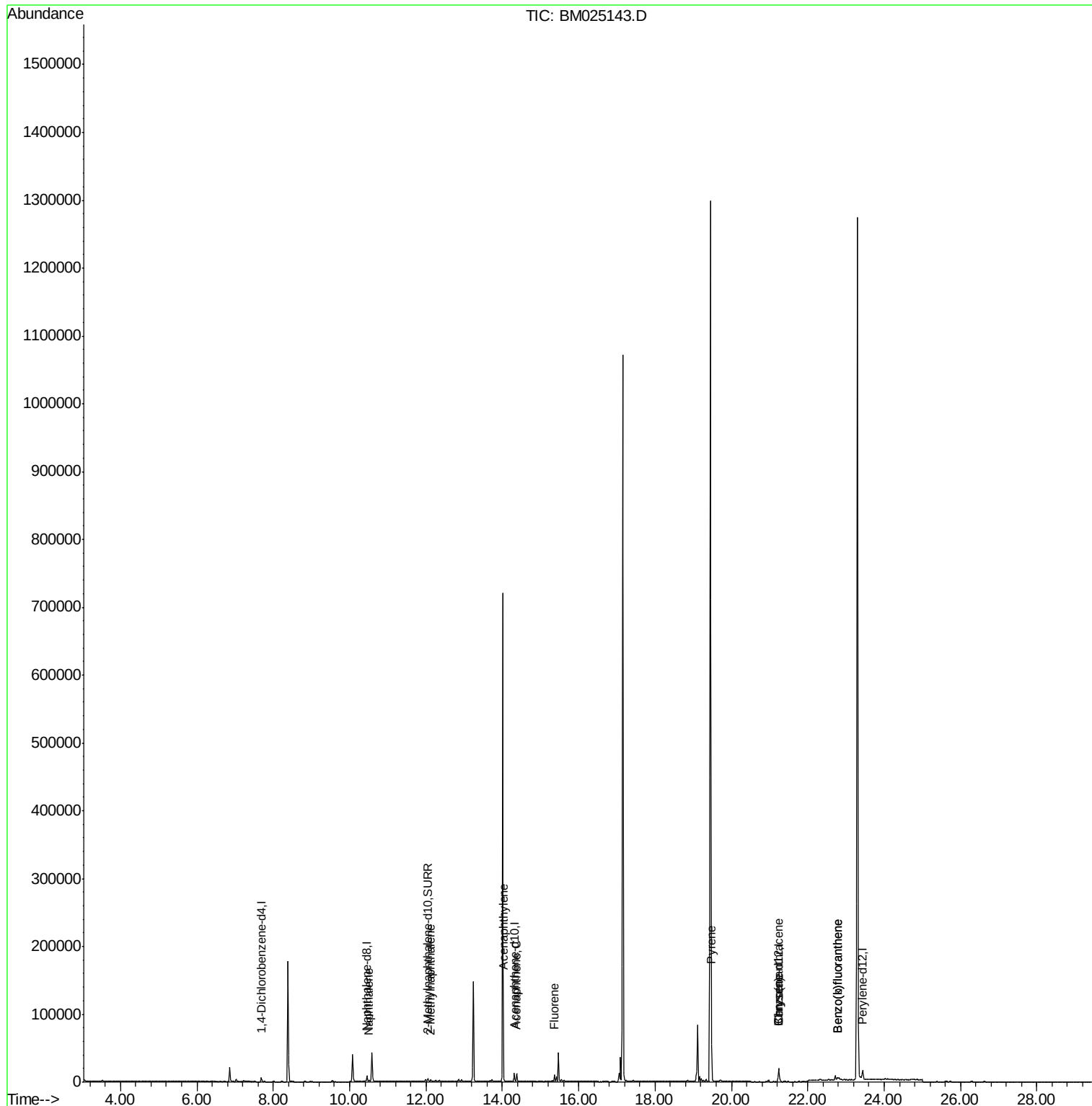
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	2768	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	10710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	6840	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.06
16) Chrysene-d12	21.24	240	16129	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	18409	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	5936	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	15994	0.00	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.51	128	3258	0.100	ng/ul#	88
5) 2-Methylnaphthalene	12.12	142	2139	0.091	ng/ul	99
7) Acenaphthylene	14.03	152	2013	0.051	ng/ul#	93
8) Acenaphthene	14.38	153	6556	0.247	ng/ul	98
9) Fluorene	15.36	166	6221	0.187	ng/ul	96
17) Pyrene	19.48	202	58141	0.800	ng/ul#	95
18) Benzo(a)anthracene	21.22	228	4349	0.062	ng/ul	96
19) Chrysene	21.25	228	7298	0.105	ng/ul	98
21) Benzo(b)fluoranthene	22.78	252	7126	0.099	ng/ul	84
22) Benzo(k)fluoranthene	22.78	252	7126	0.100	ng/ul#	82

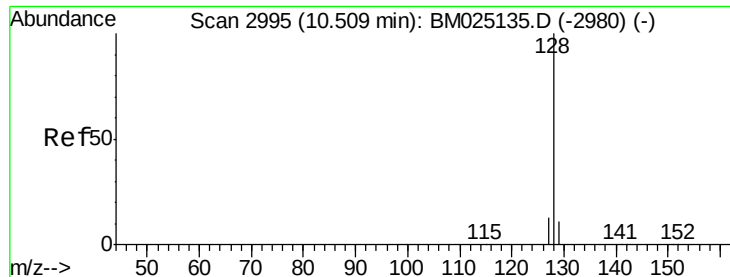
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.100 ng/ul

RT: 10.51 min Scan# 2994

Delta R.T. -0.00 min

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Instrument :

BNA_M

ClientSampleId :

DBD07

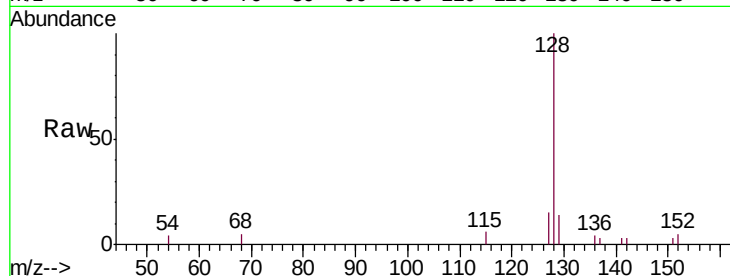
Tgt Ion:128 Resp: 3258

Ion Ratio Lower Upper

128 100

129 14.3 17.0 25.6#

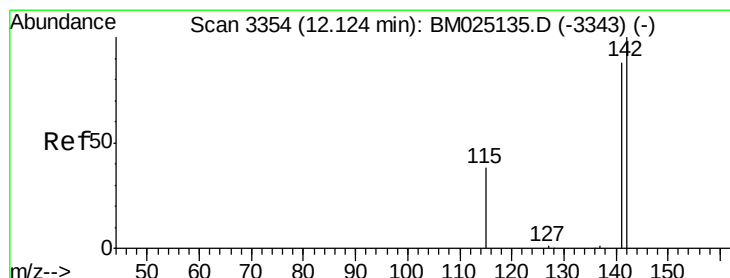
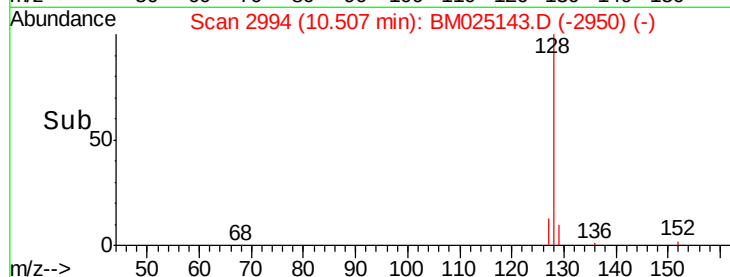
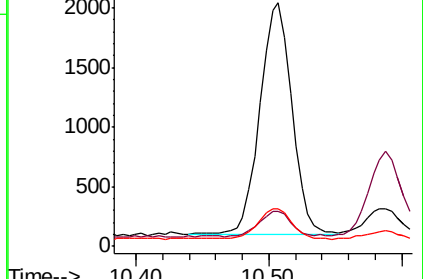
127 15.2 15.7 23.5#



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: 0.091 ng/ul

RT: 12.12 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM025143.D

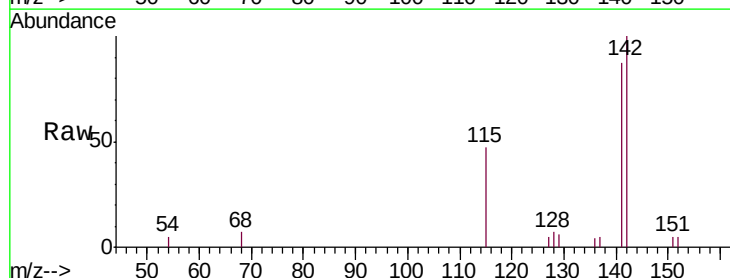
Acq: 28 Feb 2020 21:09

Tgt Ion:142 Resp: 2139

Ion Ratio Lower Upper

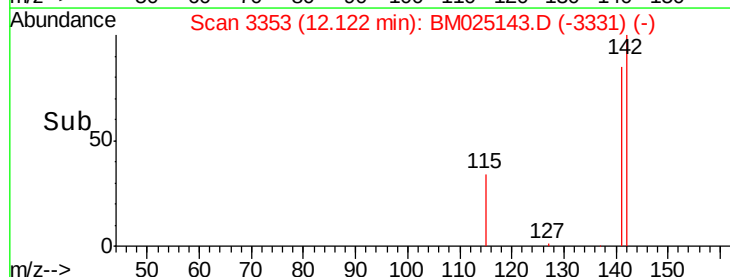
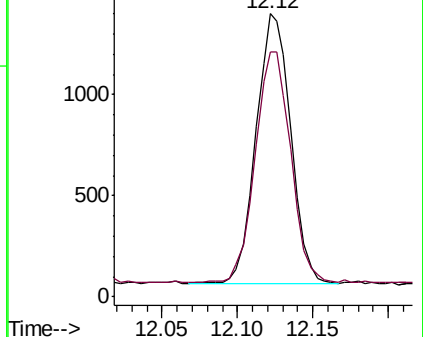
142 100

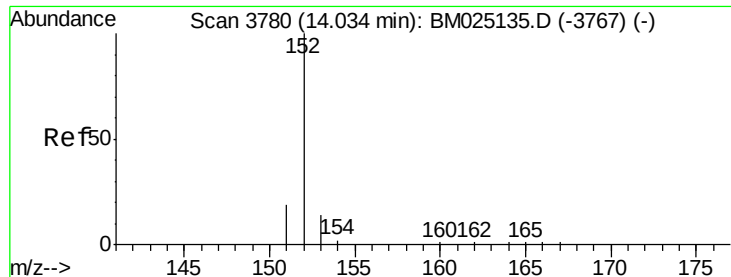
141 88.0 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.051 ng/ul

RT: 14.03 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

Instrument :

BNA_M

ClientSampleId :

DBD07

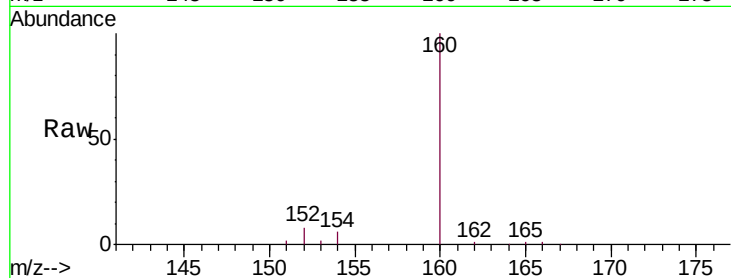
Tgt Ion:152 Resp: 2013

Ion Ratio Lower Upper

152 100

151 24.6 17.8 26.8

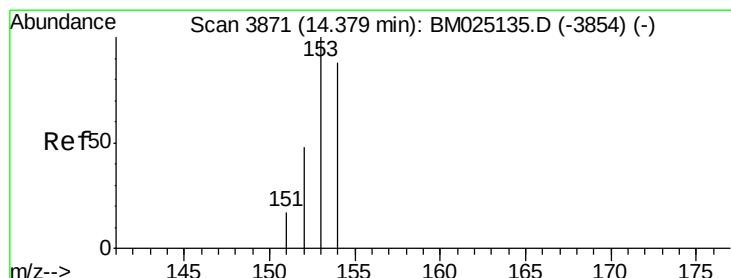
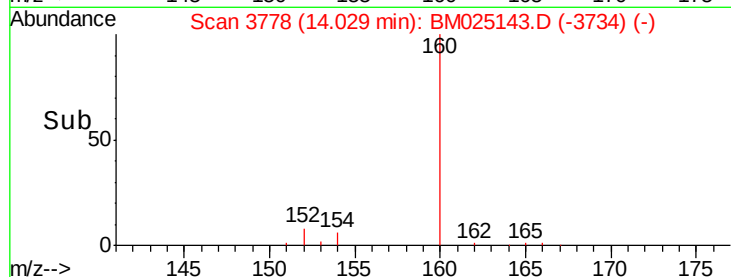
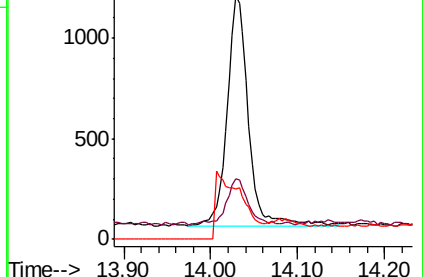
153 20.9 13.3 19.9#



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: 0.247 ng/ul

RT: 14.38 min Scan# 3870

Delta R.T. -0.00 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

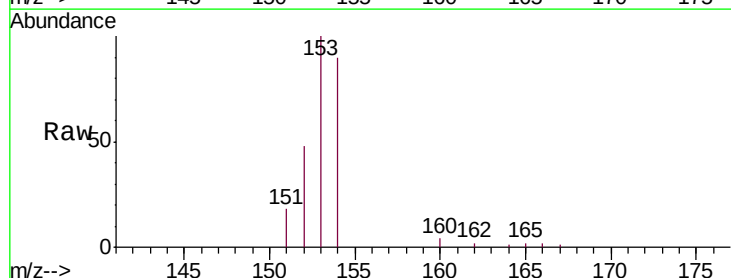
Tgt Ion:153 Resp: 6556

Ion Ratio Lower Upper

153 100

152 48.2 40.0 60.0

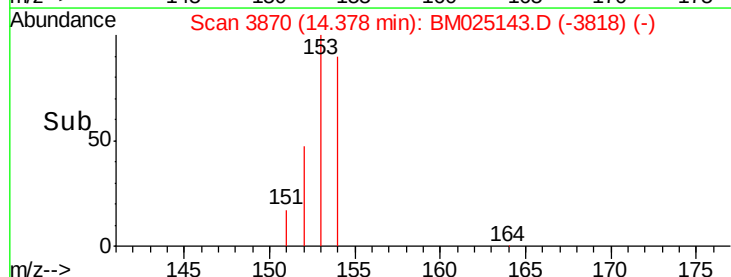
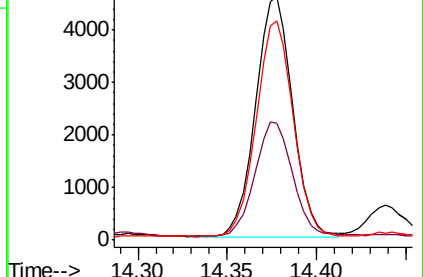
154 90.0 71.0 106.6

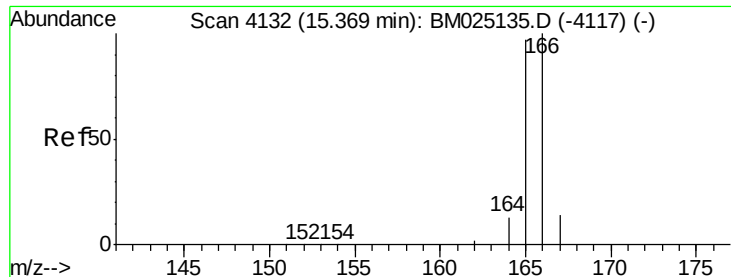


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.187 ng/ul

RT: 15.36 min Scan# 4130

Delta R.T. -0.01 min

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Acq: 28 Feb 2020 21:09

Instrument :

BNA_M

ClientSampleId :

DBD07

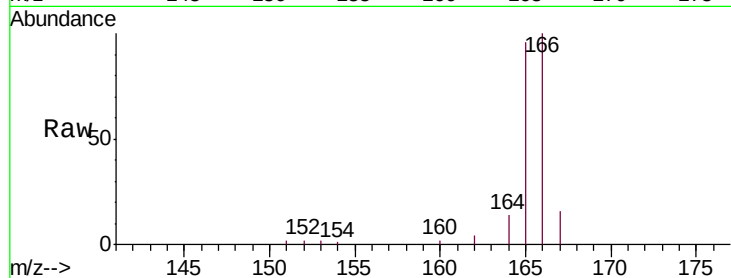
Tgt Ion:166 Resp: 6221

Ion Ratio Lower Upper

166 100

165 96.3 80.0 120.0

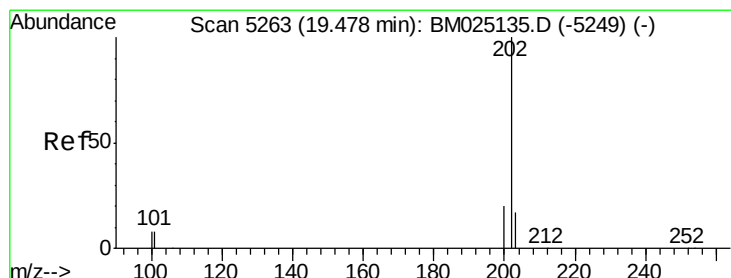
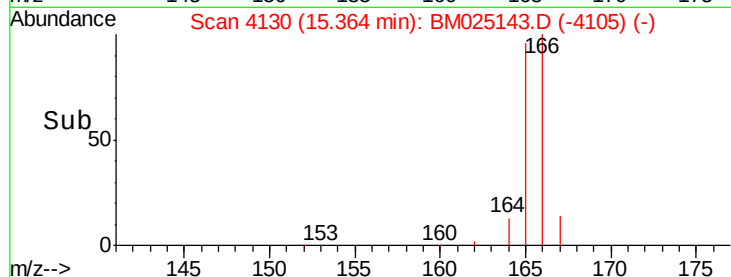
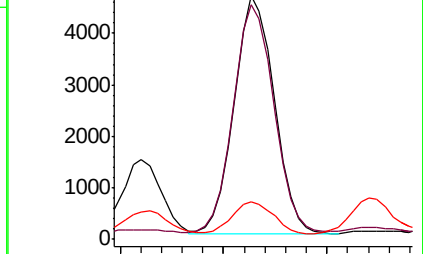
167 15.7 13.7 20.5



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

Pyrene

Concen: 0.800 ng/ul

RT: 19.48 min Scan# 5262

Delta R.T. -0.00 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

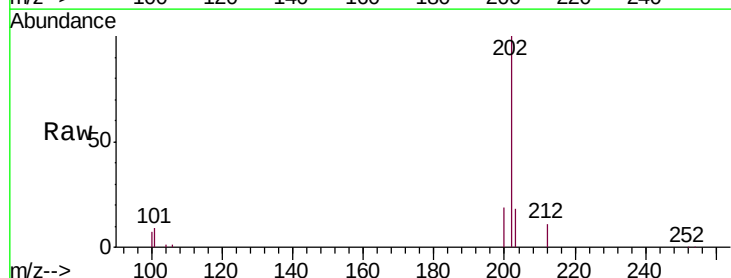
Tgt Ion:202 Resp: 58141

Ion Ratio Lower Upper

202 100

101 8.9 8.7 13.1

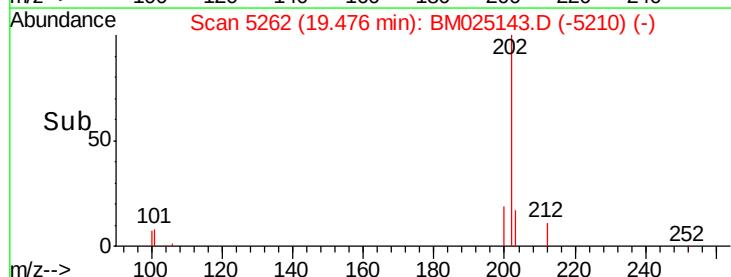
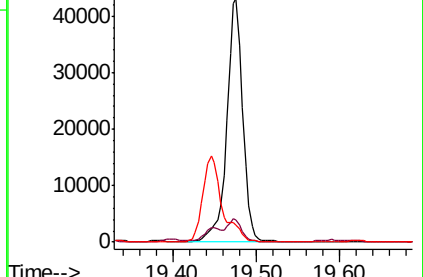
100 7.2 7.3 10.9#

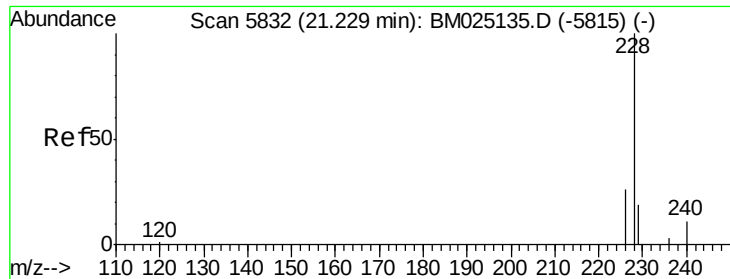


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 0.062 ng/ul

RT: 21.22 min Scan# 5828

Delta R.T. -0.01 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

Instrument :

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ClientSampleId :

DBD07

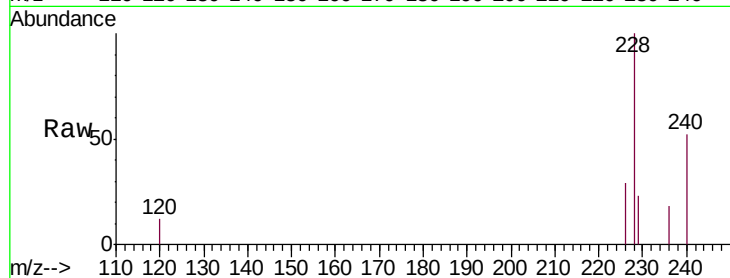
Tgt Ion:228 Resp: 4349

Ion Ratio Lower Upper

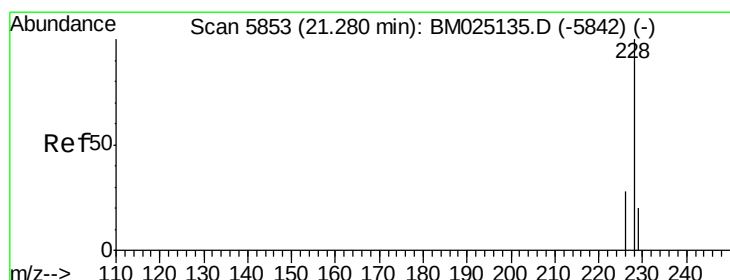
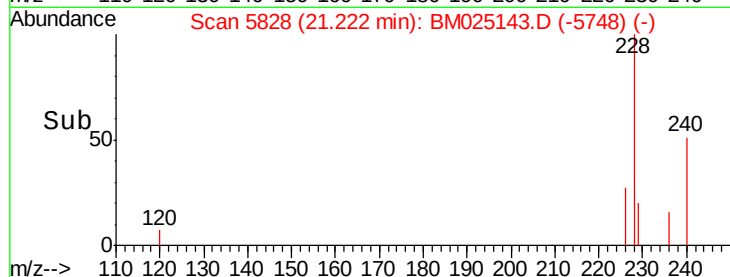
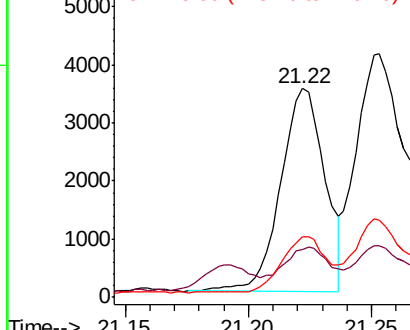
228 100

229 23.1 16.6 25.0

226 29.2 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: 0.105 ng/ul

RT: 21.25 min Scan# 5841

Delta R.T. -0.03 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

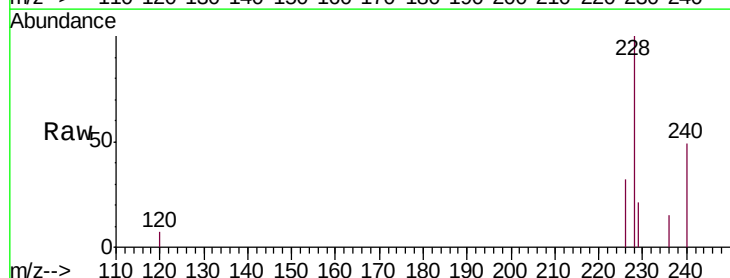
Tgt Ion:228 Resp: 7298

Ion Ratio Lower Upper

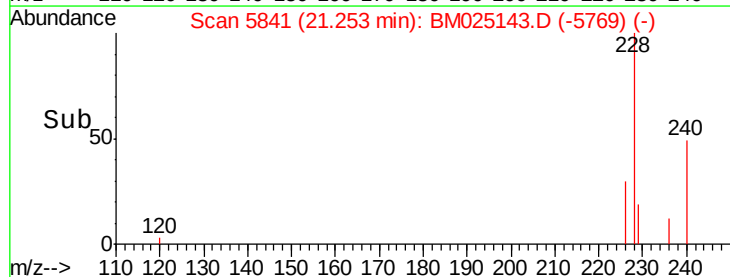
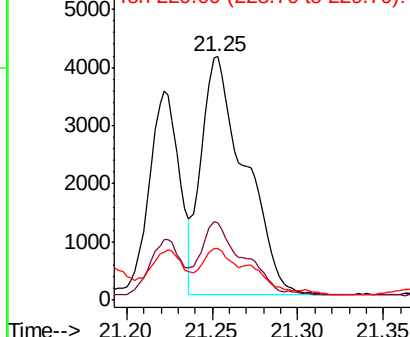
228 100

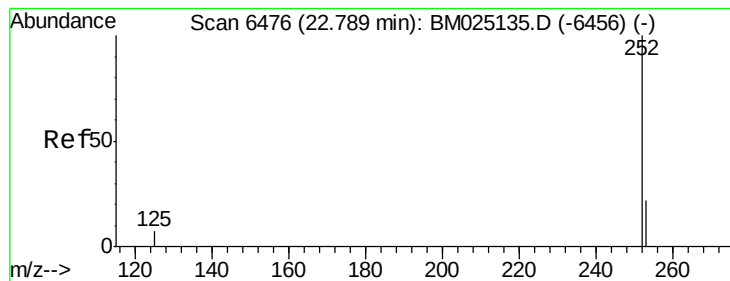
226 31.6 23.8 35.8

229 21.0 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





#21

Benzo(b)fluoranthene

Concen: 0.099 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.01 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

Instrument :

BNA_M

ClientSampleId :

DBD07

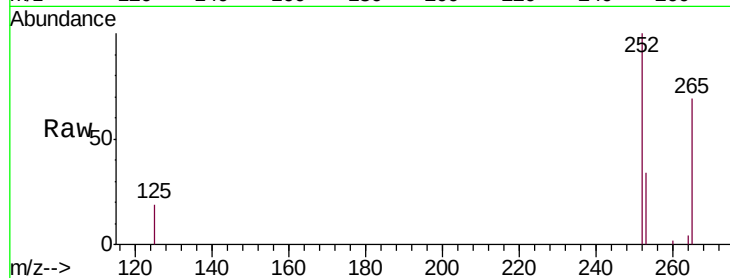
Tgt Ion:252 Resp: 7126

Ion Ratio Lower Upper

252 100

253 34.2 0.0 49.8

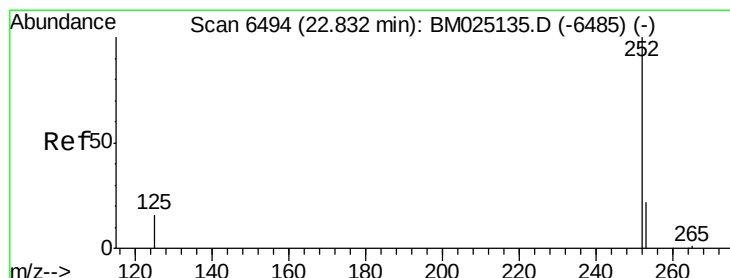
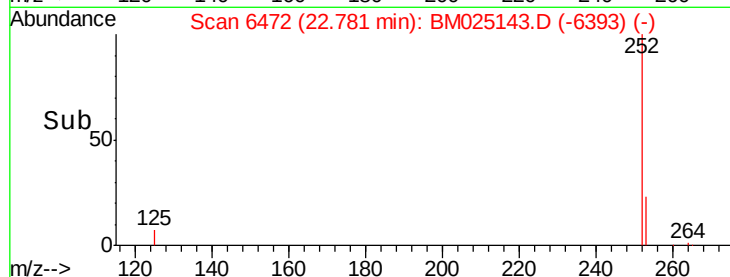
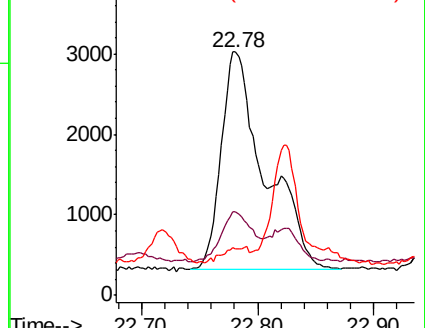
125 19.0 0.0 28.6



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



#22

Benzo(k)fluoranthene

Concen: 0.100 ng/ul

RT: 22.78 min Scan# 6472

Delta R.T. -0.05 min

Lab File: BM025143.D

Acq: 28 Feb 2020 21:09

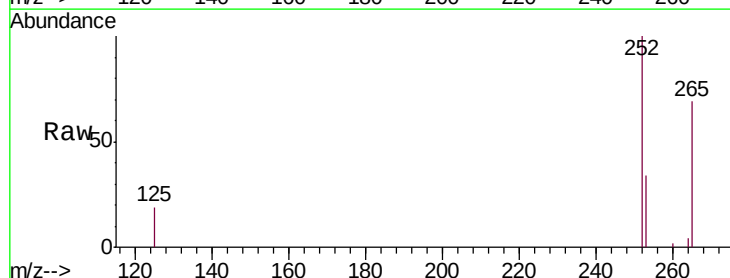
Tgt Ion:252 Resp: 7126

Ion Ratio Lower Upper

252 100

253 34.2 19.4 29.0#

125 19.0 10.7 16.1#



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

