

Data File : BN004081.D
Acq On : 18 Dec 2018 17:53
Operator : JU/SJ
Sample : J6271-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F11

Quant Time: Dec 19 01:58:38 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 01:54:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1459	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7325	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4917	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	561723	0.40	ng/ul	0.10
16) Chrysene-d12	21.51	240	45	0.40	ng/ul	0.11
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.73

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2455	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.34	212	201	0.00	ng/ul	0.09

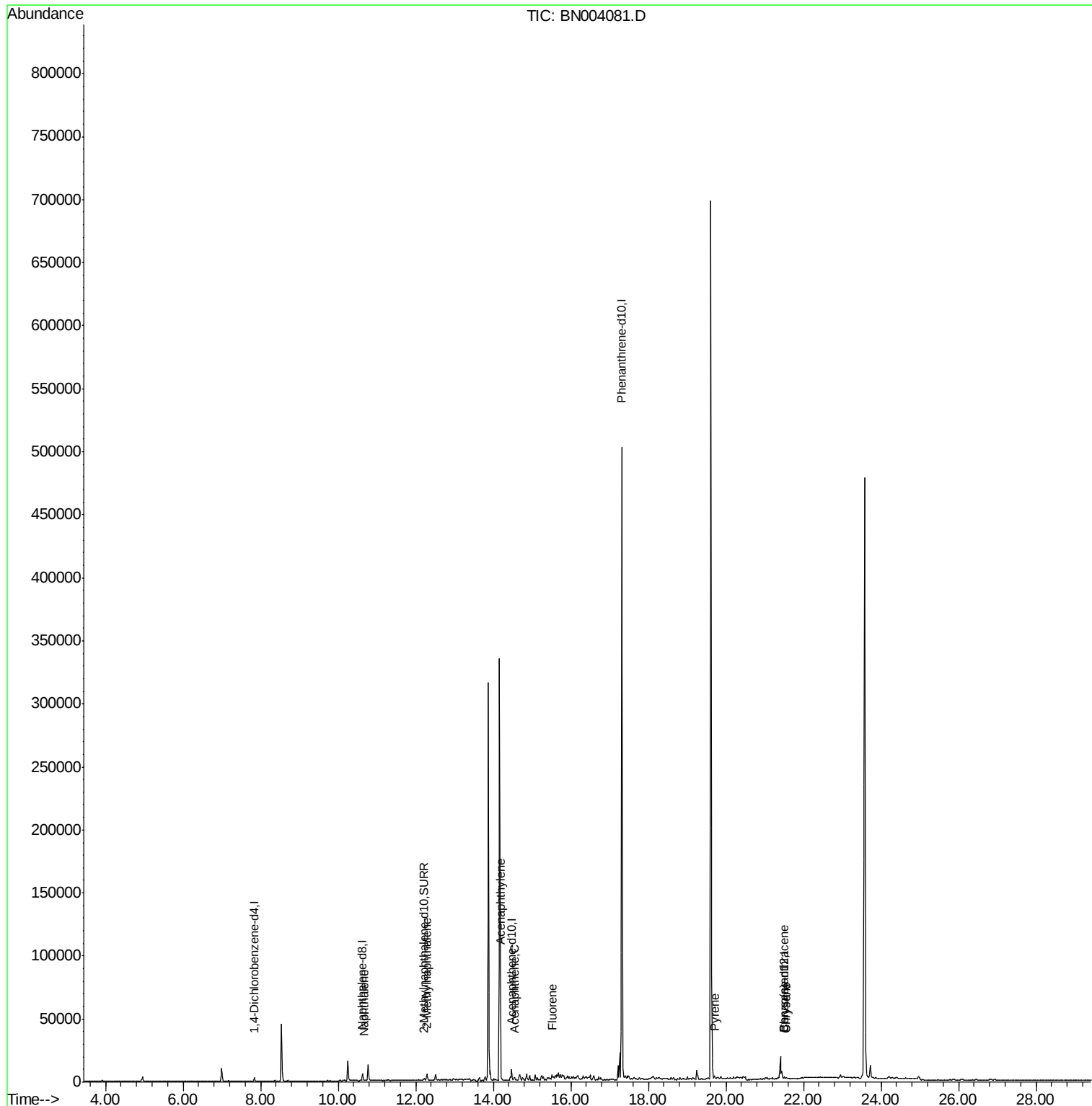
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	540	0.026	ng/ul#	45
5) 2-Methylnaphthalene	12.29	142	3960	0.276	ng/ul	100
7) Acenaphthylene	14.19	152	586	0.026	ng/ul#	1
8) Acenaphthene	14.53	153	1743	0.090	ng/ul#	88
9) Fluorene	15.52	166	2614	0.116	ng/ul#	91
17) Pyrene	19.70	202	1191	7.379	ng/ul#	37
18) Benzo(a)anthracene	21.51	228	303	2.132	ng/ul#	1
19) Chrysene	21.56	228	563	3.461	ng/ul#	1

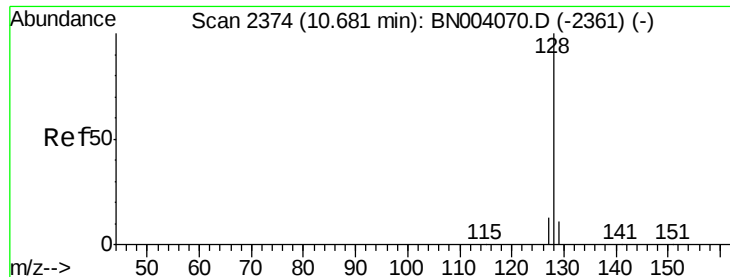
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.026 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9F11

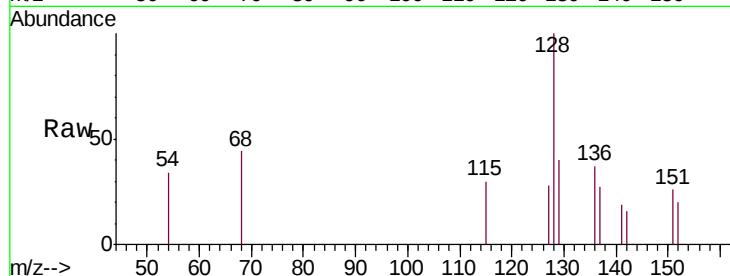
Tgt Ion:128 Resp: 540

Ion Ratio Lower Upper

128 100

129 39.5 9.0 13.6#

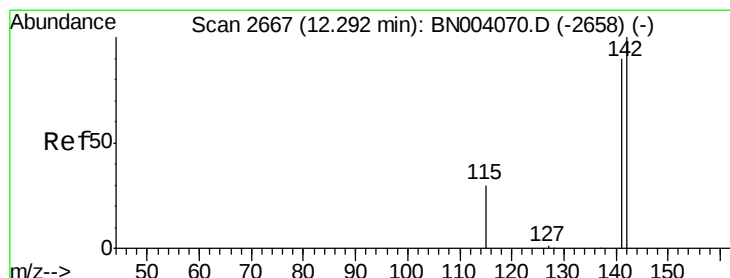
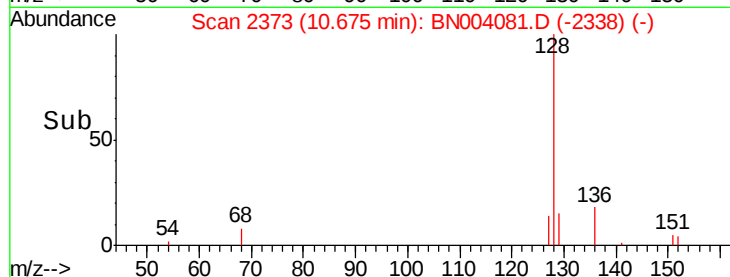
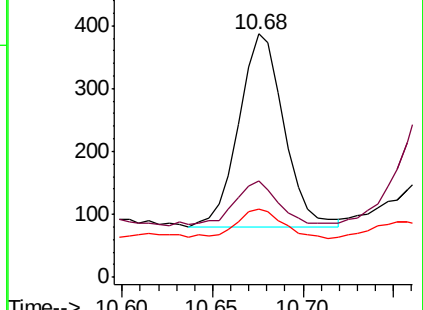
127 28.2 10.5 15.7#



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: 0.276 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004081.D

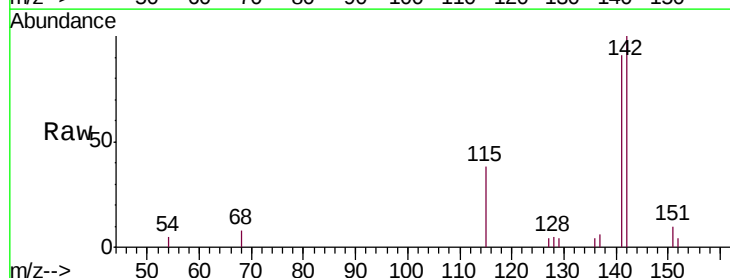
Acq: 18 Dec 2018 17:53

Tgt Ion:142 Resp: 3960

Ion Ratio Lower Upper

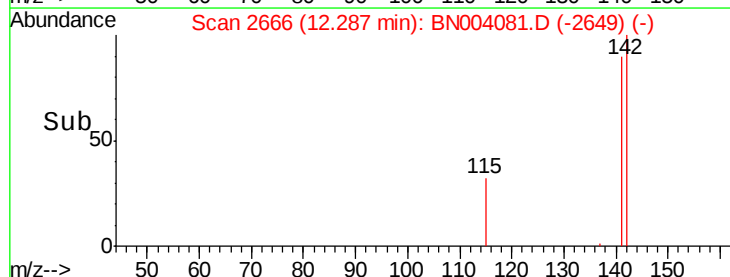
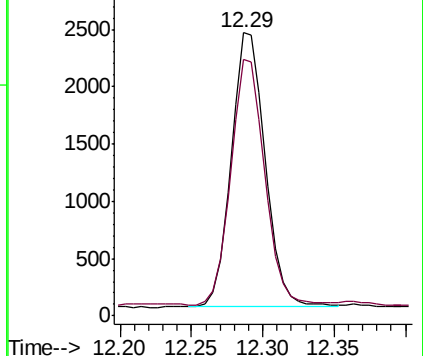
142 100

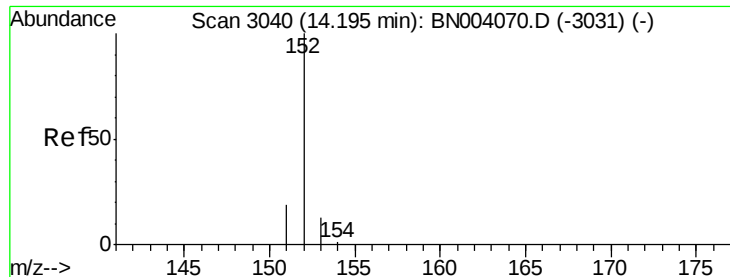
141 89.0 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.026 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampled :

F9F11

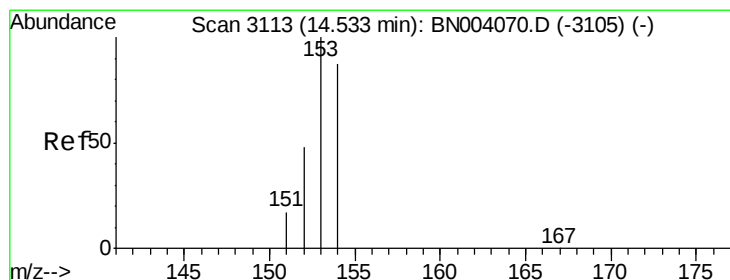
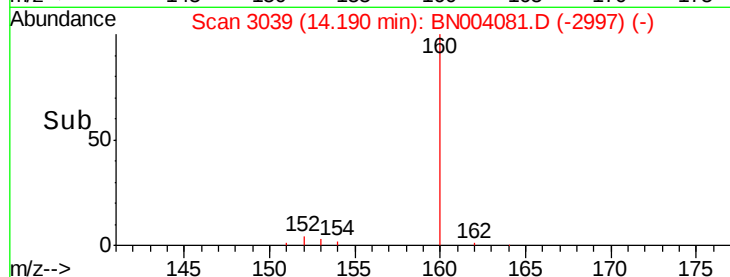
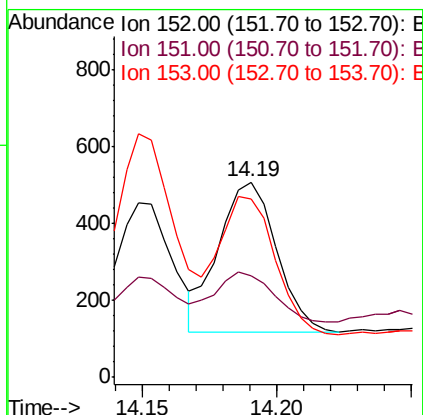
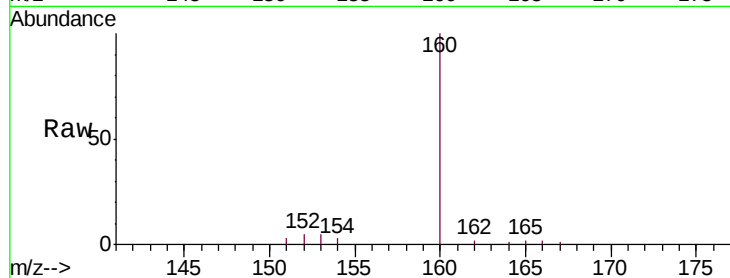
Tgt Ion:152 Resp: 586

Ion Ratio Lower Upper

152 100

151 52.3 15.9 23.9#

153 91.2 10.7 16.1#



#8

Acenaphthene

Concen: 0.090 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

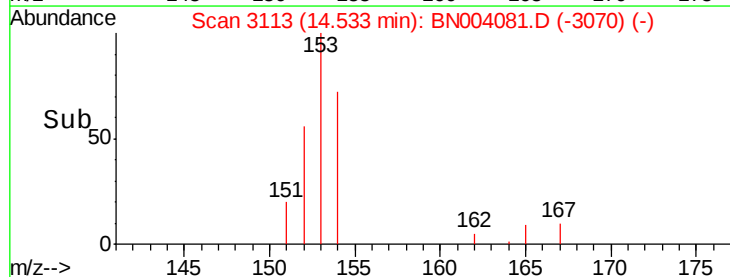
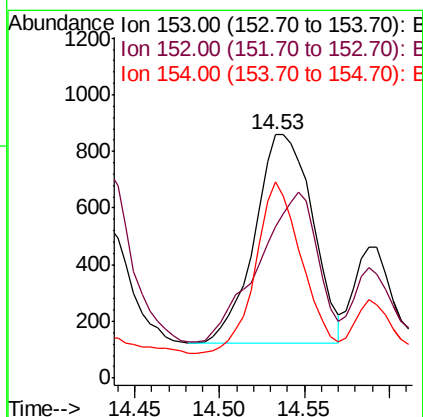
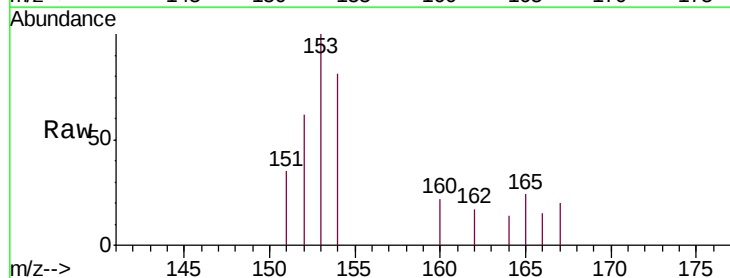
Tgt Ion:153 Resp: 1743

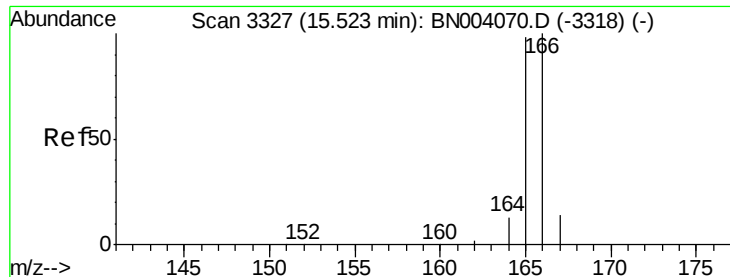
Ion Ratio Lower Upper

153 100

152 62.0 39.3 58.9#

154 80.8 70.3 105.5





#9

Fluorene

Concen: 0.116 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9F11

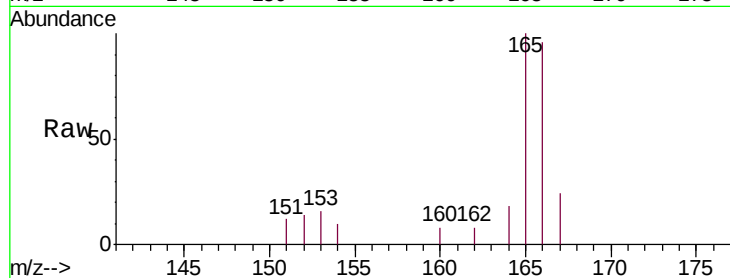
Tgt Ion:166 Resp: 2614

Ion Ratio Lower Upper

166 100

165 103.8 78.3 117.5

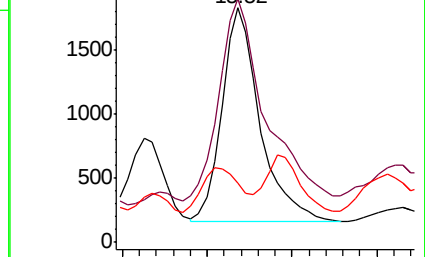
167 25.1 11.3 16.9#



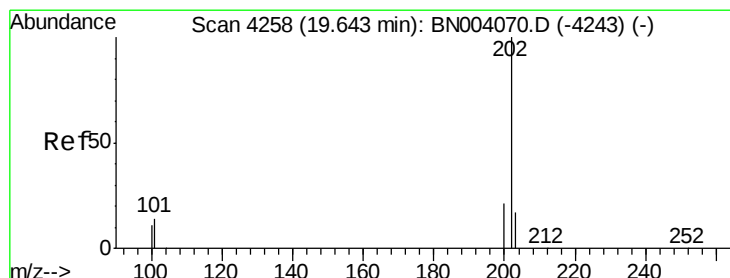
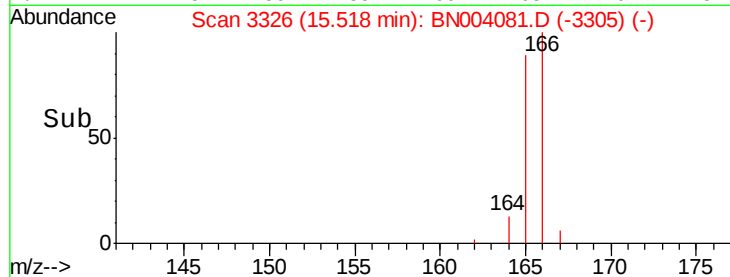
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time--> 15.45 15.50 15.55 15.60



#17

Pyrene

Concen: 7.379 ng/ul

RT: 19.70 min Scan# 4271

Delta R.T. 0.06 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

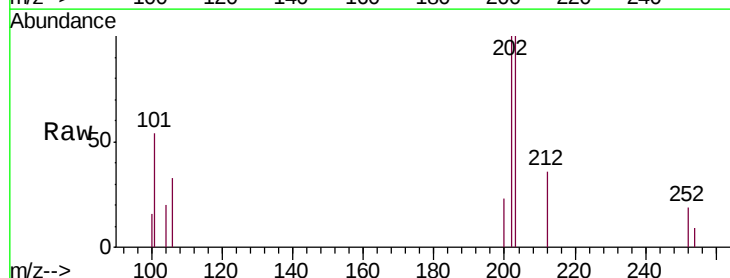
Tgt Ion:202 Resp: 1191

Ion Ratio Lower Upper

202 100

101 53.7 10.3 15.5#

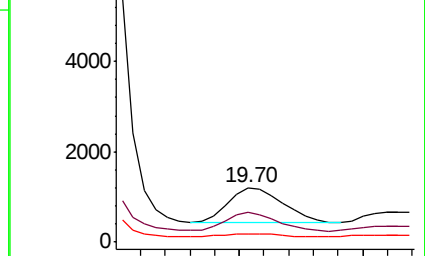
100 16.0 8.5 12.7#



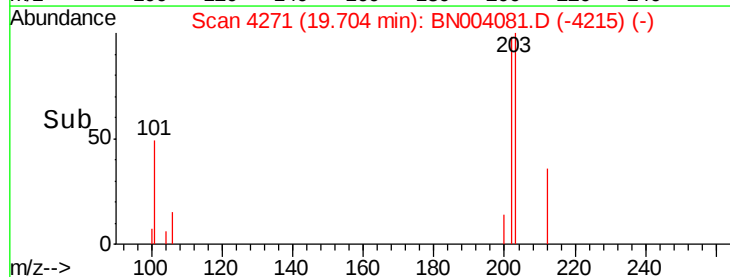
Abundance Ion 202.00 (201.70 to 202.70): E

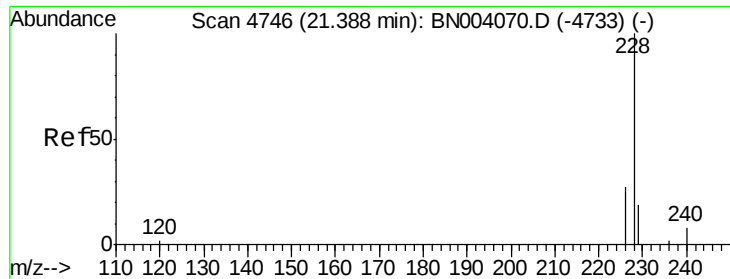
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.70 19.75





#18

Benzo(a)anthracene

Concen: 2.132 ng/ul

RT: 21.51 min Scan# 4787

Delta R.T. 0.12 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

Instrument :

BNA_N

ClientSampleId :

F9F11

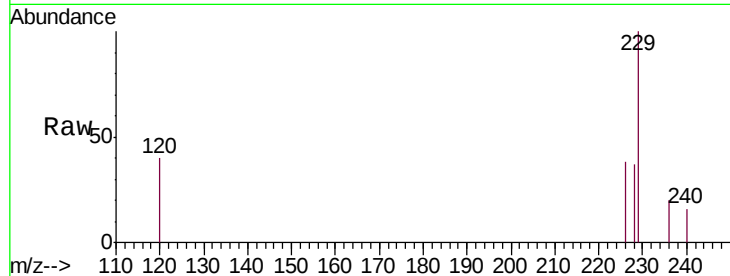
Tgt Ion:228 Resp: 303

Ion Ratio Lower Upper

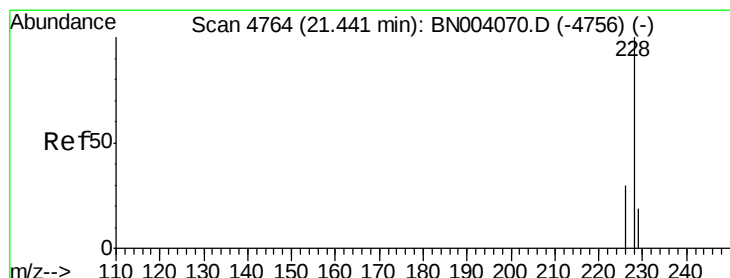
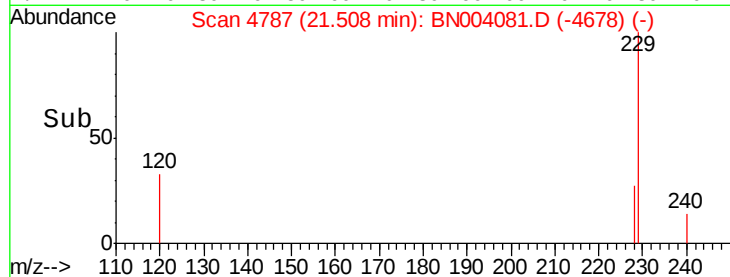
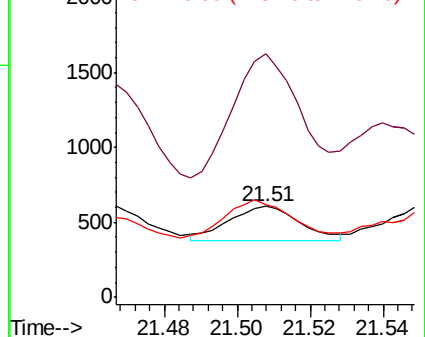
228 100

229 267.3 15.6 23.4#

226 101.6 21.1 31.7#



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: 3.461 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.12 min

Lab File: BN004081.D

Acq: 18 Dec 2018 17:53

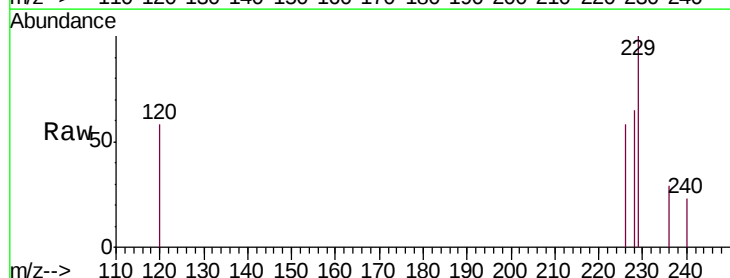
Tgt Ion:228 Resp: 563

Ion Ratio Lower Upper

228 100

226 90.3 24.0 36.0#

229 154.5 15.7 23.5#



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

