

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121118\
 Data File : BN003808.D
 Acq On : 11 Dec 2018 10:43
 Operator : JU/SJ
 Sample : J6077-19DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Dec 11 14:56:03 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 : Tue Dec 11 04:22:54 2018
 Response via : Initial Calibration

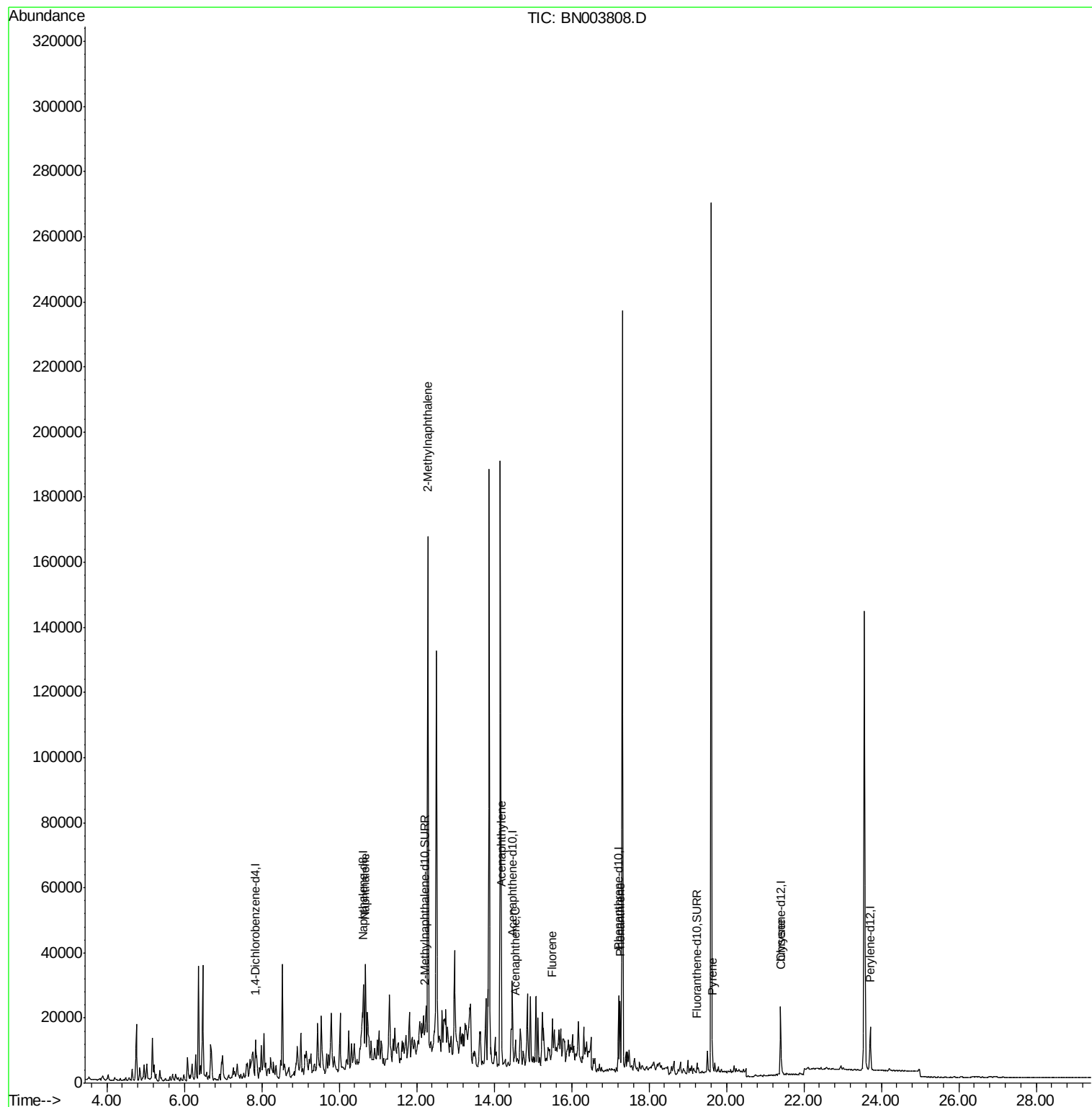
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	5827	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	23621	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	13084	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	26077	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	18874	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	17479	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3158	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	3334	0.04	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.68	128	35377	0.533	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	111966	2.417	ng/ul	99
7) Acenaphthylene	14.19	152	2650	0.045	ng/ul#	1
8) Acenaphthene	14.55	153	3187	0.062	ng/ul#	47
9) Fluorene	15.52	166	5987	0.099	ng/ul#	79
12) Phenanthrene	17.26	178	21705	0.254	ng/ul#	92
17) Pyrene	19.64	202	2101	0.031	ng/ul#	58
19) Chrysene	21.41	228	2352	0.034	ng/ul#	37

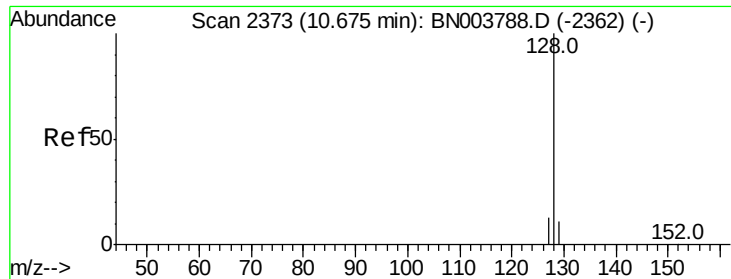
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.533 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003808.D

Acq: 11 Dec 2018 10:43

Instrument :

BNA_N

ClientSampleId :

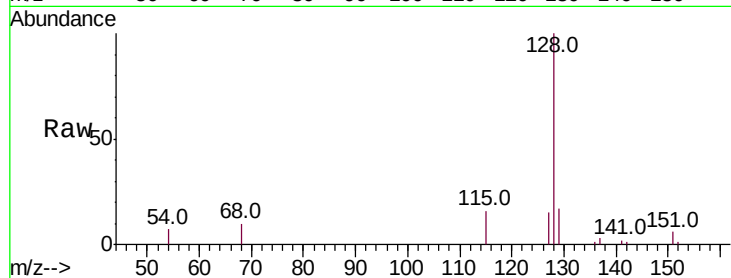
Tot Ion:128 Resp: 35377

Ion Ratio Lower Upper

128 100

129 17.3 9.0 13.6#

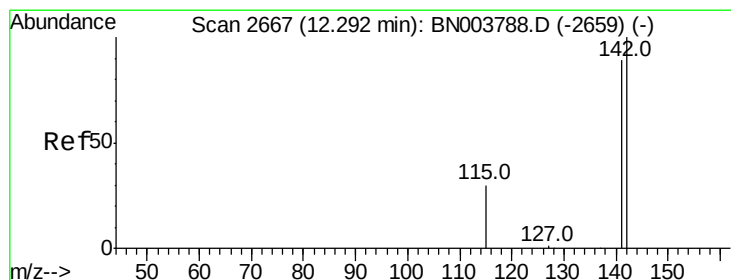
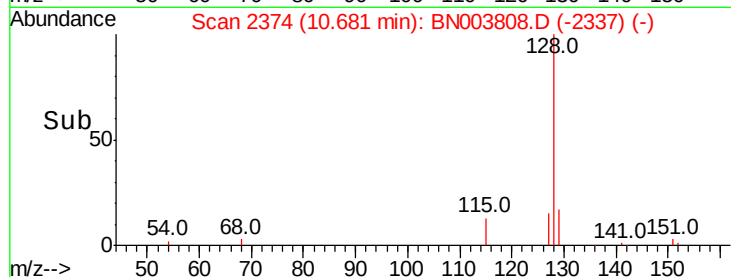
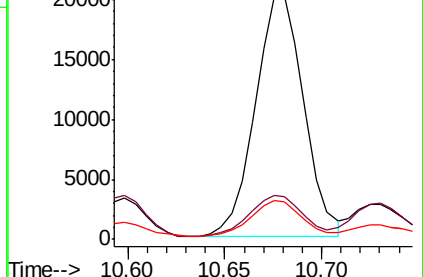
127 15.5 10.5 15.7



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: 2.417 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003808.D

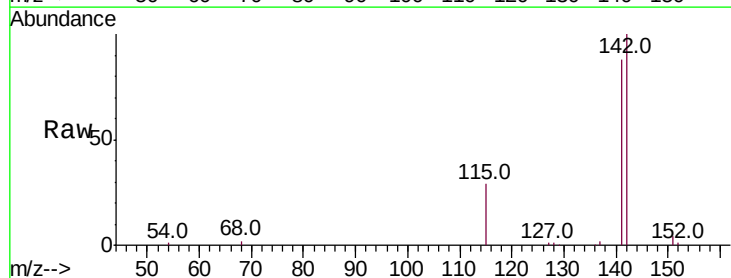
Acq: 11 Dec 2018 10:43

Tgt Ion:142 Resp: 111966

Ion Ratio Lower Upper

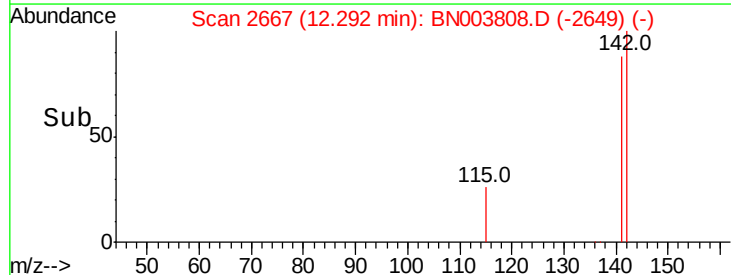
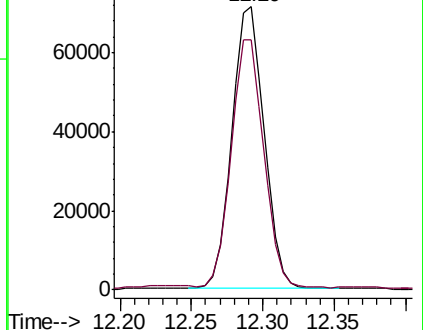
142 100

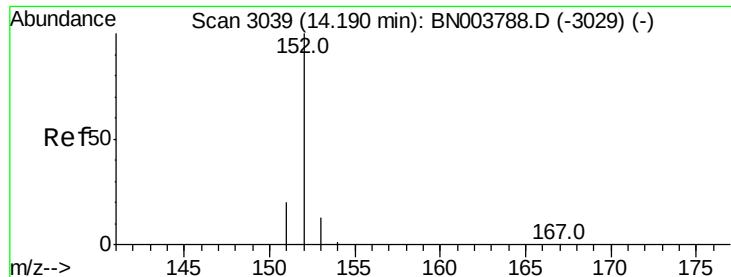
141 88.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN003808.D

Acq: 11 Dec 2018 10:43

Instrument :

BNA_N

ClientSampleId :

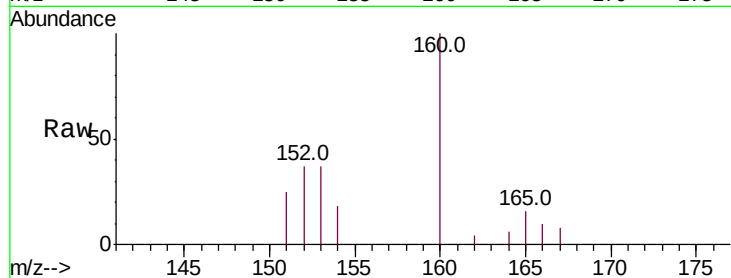
Tot Ion:152 Resp: 2650

Ion Ratio Lower Upper

152 100

151 67.6 15.9 23.9#

153 100.0 10.7 16.1#



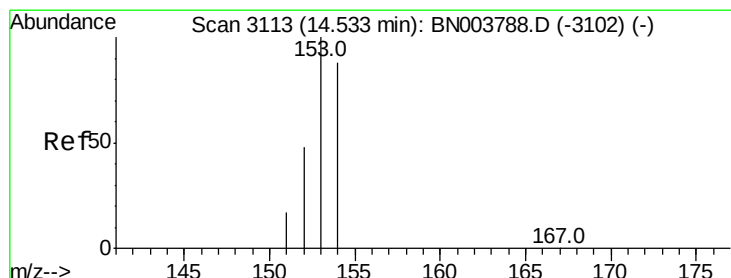
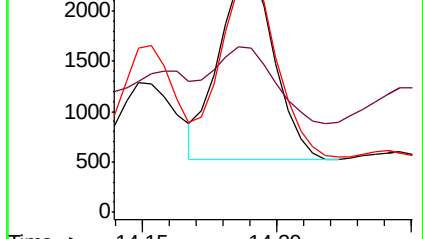
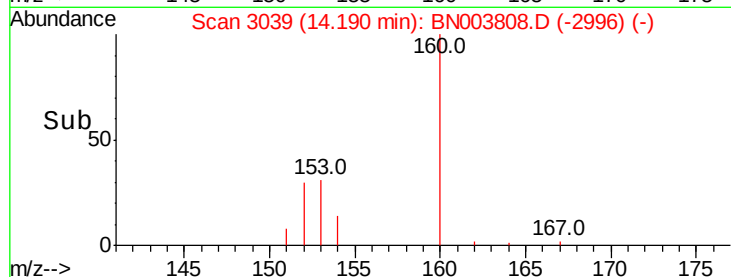
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.19

Time-->



#8

Acenaphthene

Concen: 0.062 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.02 min

Lab File: BN003808.D

Acq: 11 Dec 2018 10:43

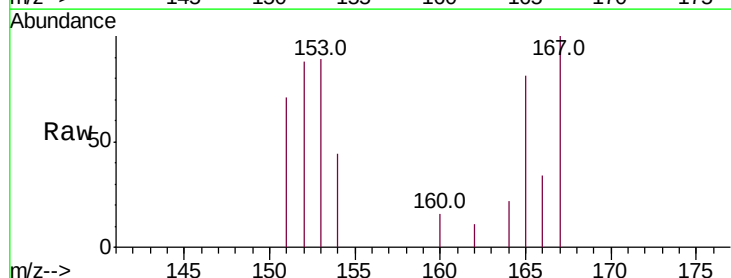
Tgt Ion:153 Resp: 3187

Ion Ratio Lower Upper

153 100

152 98.5 39.3 58.9#

154 48.9 70.3 105.5#



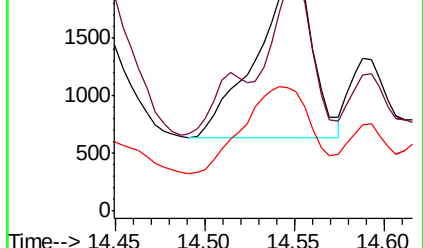
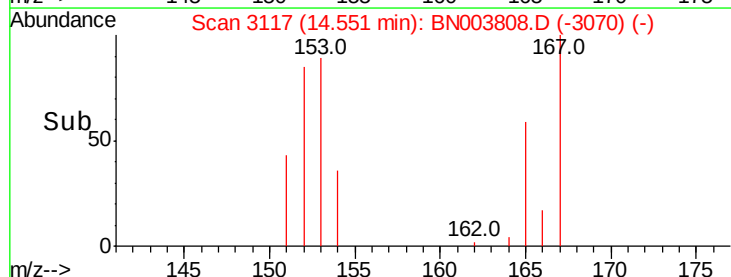
Abundance Ion 153.00 (152.70 to 153.70): E

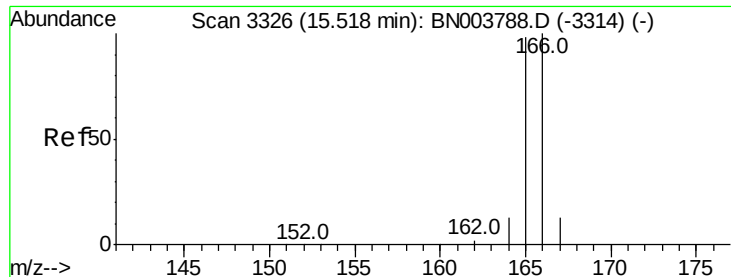
Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.55

Time-->

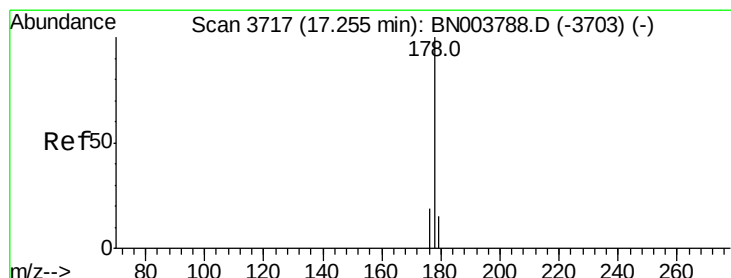
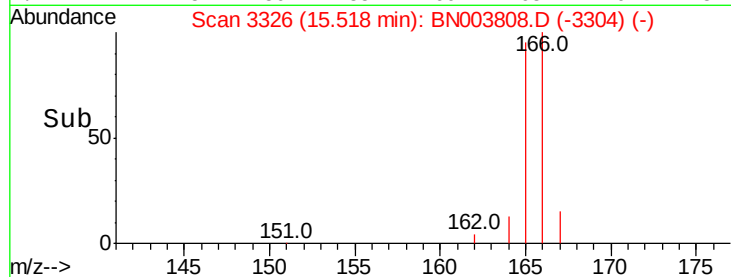
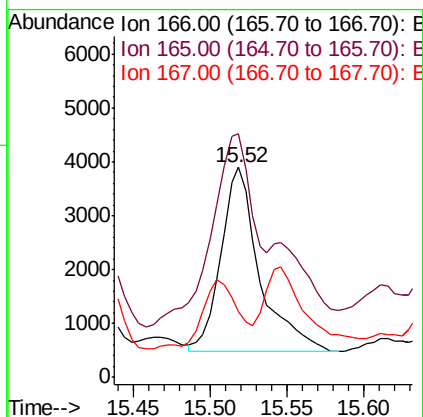
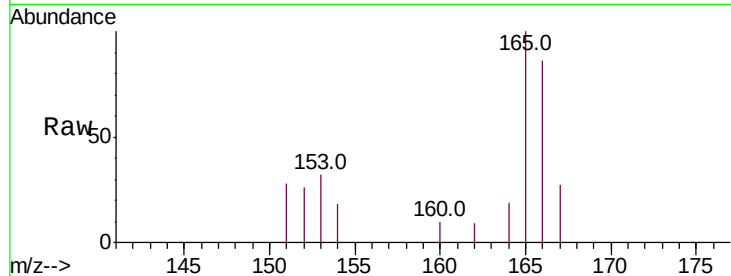




#9
Fluorene
Concen: 0.099 ng/ul
RT: 15.52 min Scan# 3326
Delta R.T. 0.00 min
Lab File: BN003808.D
Acq: 11 Dec 2018 10:43

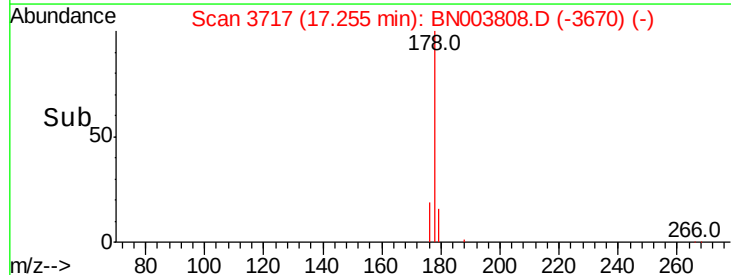
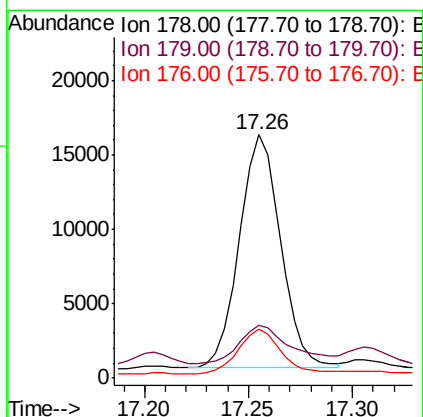
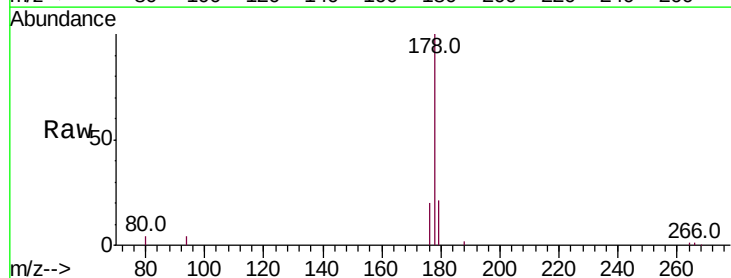
Instrument :
BNA_N
ClientSampleId :

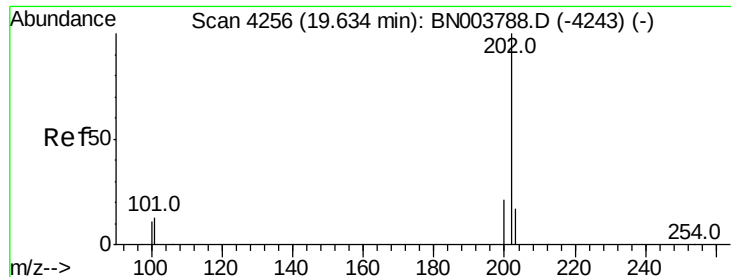
Tot Ion:166 Resp: 5987
Ion Ratio Lower Upper
166 100
165 116.0 78.3 117.5
167 31.2 11.3 16.9#



#12
Phenanthrene
Concen: 0.254 ng/ul
RT: 17.26 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BN003808.D
Acq: 11 Dec 2018 10:43

Tgt Ion:178 Resp: 21705
Ion Ratio Lower Upper
178 100
179 21.5 12.5 18.7#
176 20.0 15.0 22.4





#17

Pvrene

Concen: 0.031 ng/ul

RT: 19.64 min Scan# 4257

Delta R.T. 0.00 min

Lab File: BN003808.D

Acq: 11 Dec 2018 10:43

Instrument :

BNA_N

ClientSampleId :

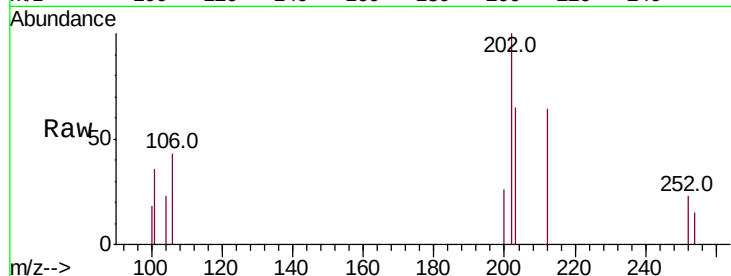
Tot Ion:202 Resp: 2101

Ion Ratio Lower Upper

202 100

101 36.4 10.3 15.5#

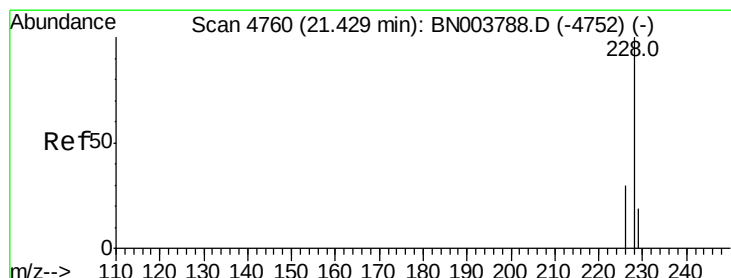
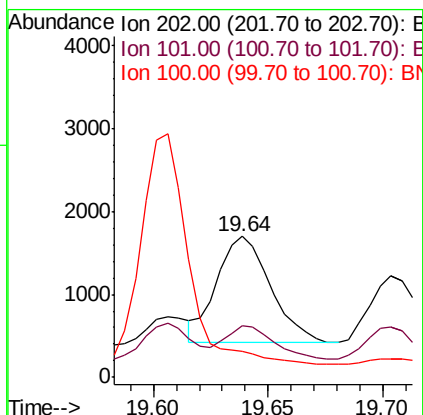
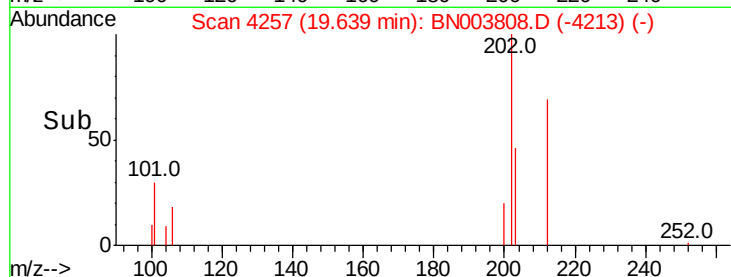
100 18.4 8.5 12.7#



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



#19

Chrysene

Concen: 0.034 ng/ul

RT: 21.41 min Scan# 4754

Delta R.T. -0.02 min

Lab File: BN003808.D

Acq: 11 Dec 2018 10:43

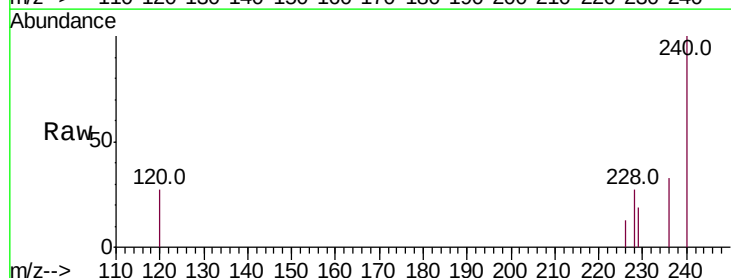
Tgt Ion:228 Resp: 2352

Ion Ratio Lower Upper

228 100

226 47.8 24.0 36.0#

229 69.0 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

