

Data File : BN003953.D
Acq On : 15 Dec 2018 11:34
Operator : JU/SJ
Sample : J6171-10DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y14DL

Quant Time: Dec 15 22:01:26 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 : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

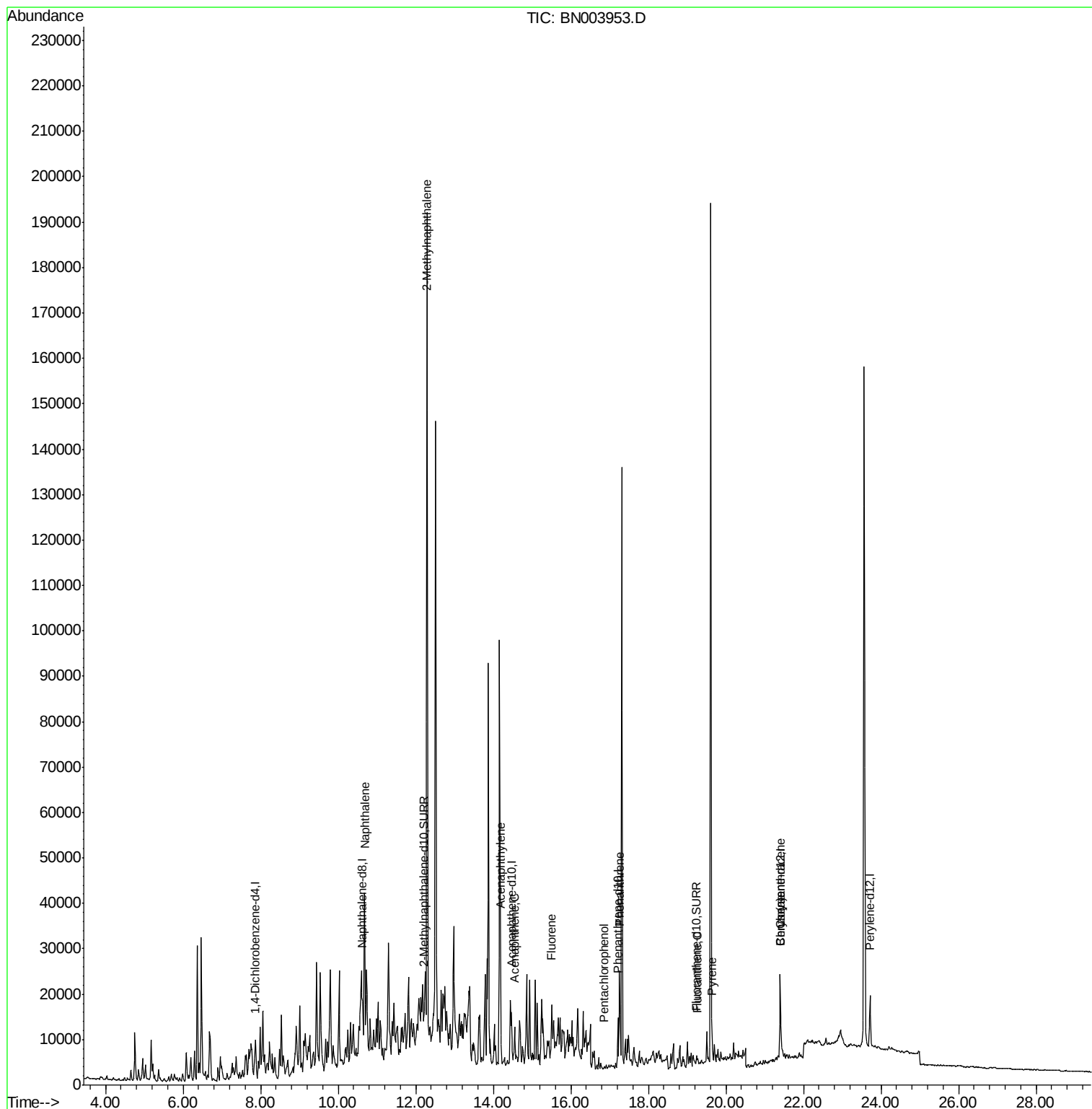
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1679	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8078	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5662	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	12226	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	15998	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	15423	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	963	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	2294	0.06	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	40276	1.775	ng/ul#	90
5) 2-Methylnaphthalene	12.29	142	130419	8.231	ng/ul	98
7) Acenaphthylene	14.19	152	2527	0.099	ng/ul#	1
8) Acenaphthene	14.55	153	3127	0.140	ng/ul#	44
9) Fluorene	15.52	166	5877	0.226	ng/ul#	81
11) Pentachlorophenol	16.86	266	67	0.030	ng/ul#	23
12) Phenanthrene	17.26	178	23068	0.575	ng/ul#	92
15) Fluoranthene	19.27	202	1257	0.027	ng/ul#	39
17) Pyrene	19.64	202	2999	0.052	ng/ul#	55
18) Benzo(a)anthracene	21.41	228	5421	0.107	ng/ul#	23
19) Chrysene	21.41	228	5238	0.091	ng/ul#	31

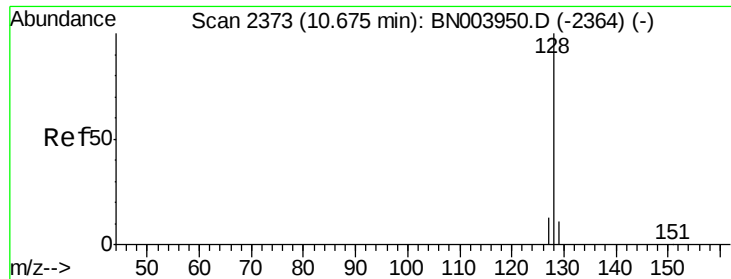
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 15 22:01:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:58:36 2018
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#3

Naphthalene

Concen: 1.775 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

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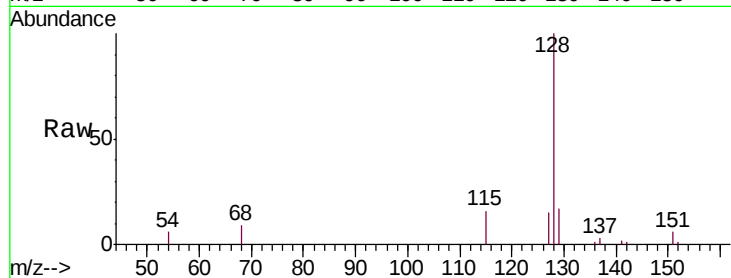
Tgt Ion:128 Resp: 40276

Ion Ratio Lower Upper

128 100

129 17.3 9.0 13.6#

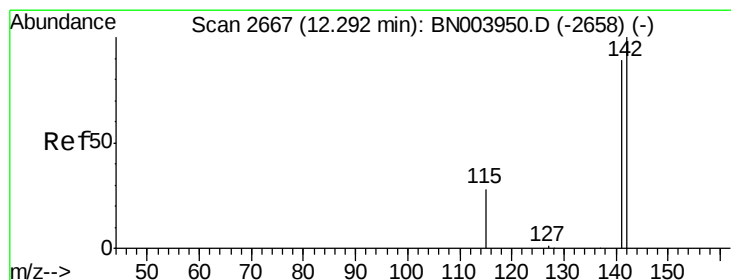
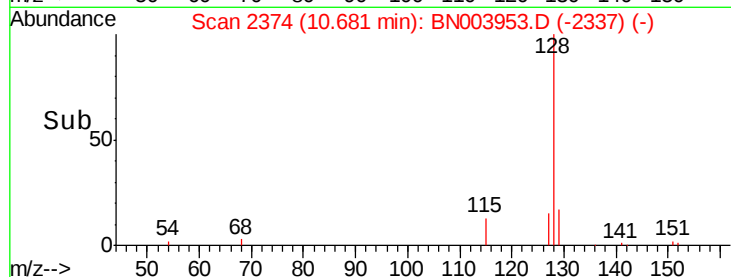
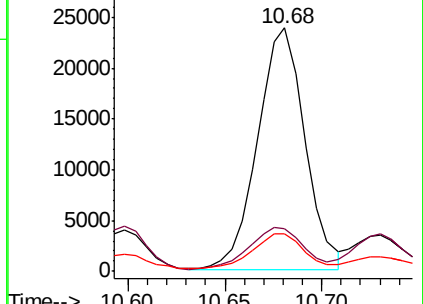
127 15.4 10.5 15.7



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: 8.231 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003953.D

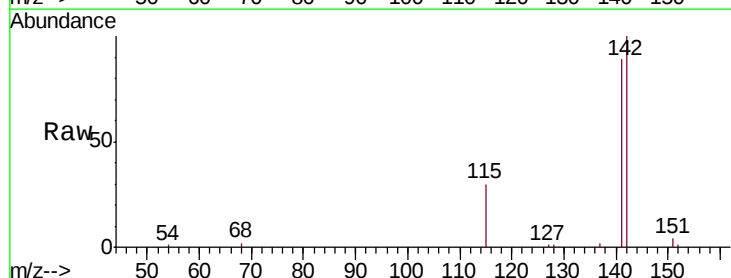
Acq: 15 Dec 2018 11:34

Tgt Ion:142 Resp: 130419

Ion Ratio Lower Upper

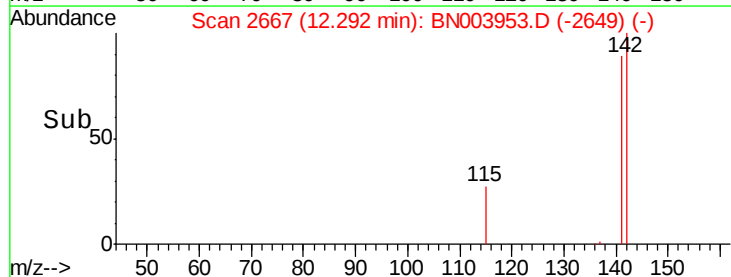
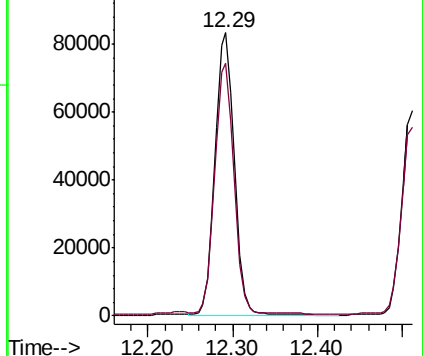
142 100

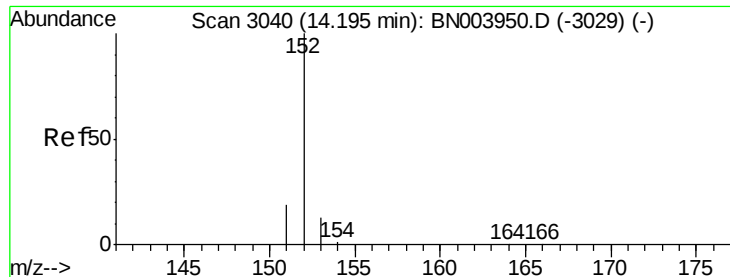
141 87.2 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.099 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

Instrument :

BNA_N

ClientSampleId :

F9Y14DL

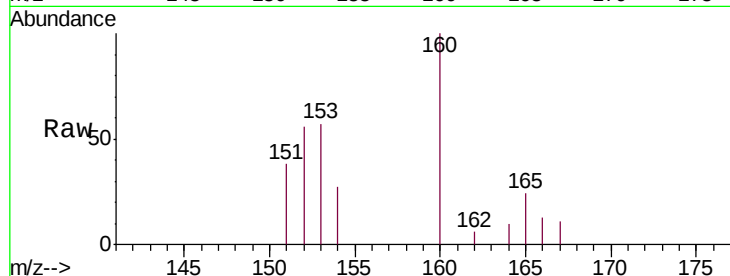
Tgt Ion:152 Resp: 2527

Ion Ratio Lower Upper

152 100

151 67.1 15.9 23.9#

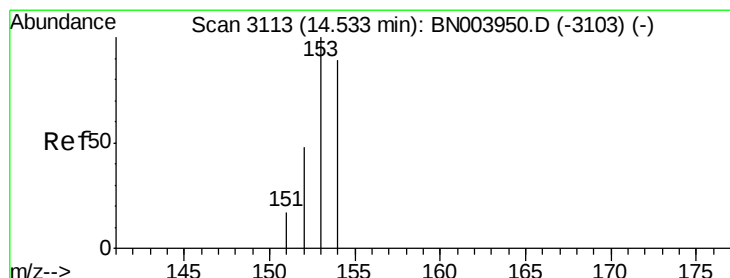
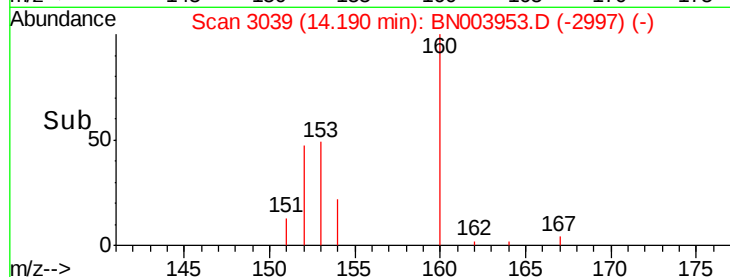
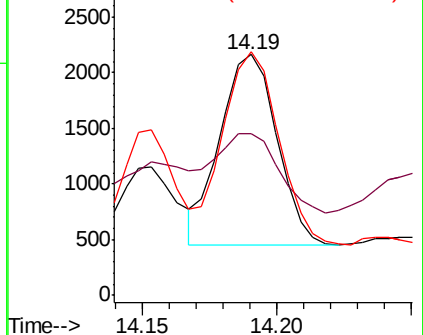
153 101.2 10.7 16.1#



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



#8

Acenaphthene

Concen: 0.140 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.02 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

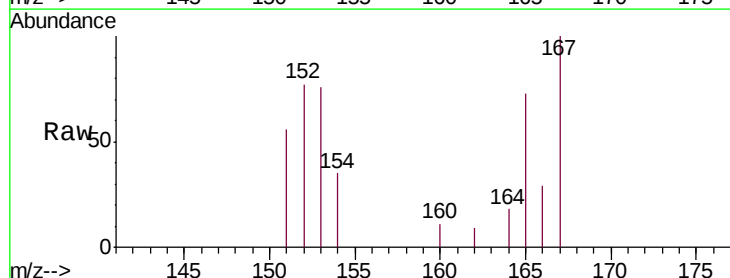
Tgt Ion:153 Resp: 3127

Ion Ratio Lower Upper

153 100

152 101.2 39.3 58.9#

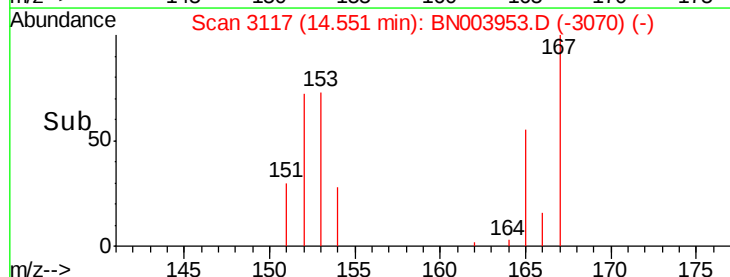
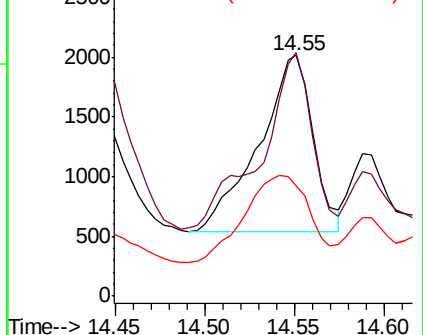
154 45.8 70.3 105.5#

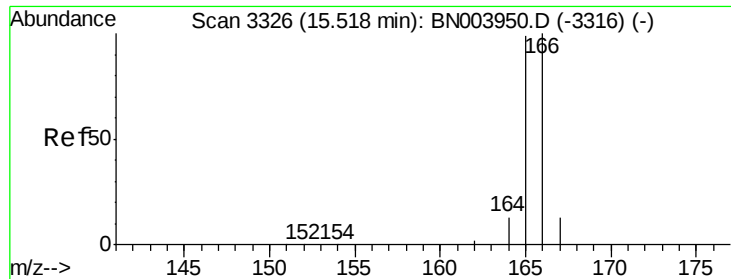


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.226 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

Instrument :

BNA_N

ClientSampleId :

F9Y14DL

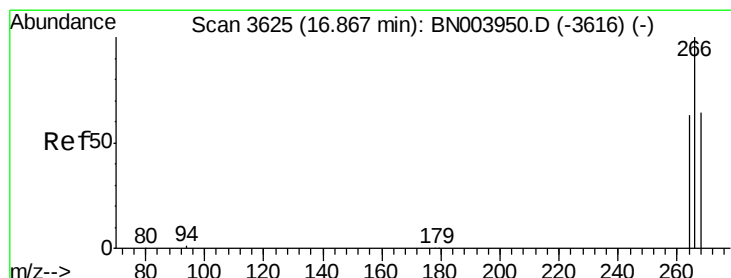
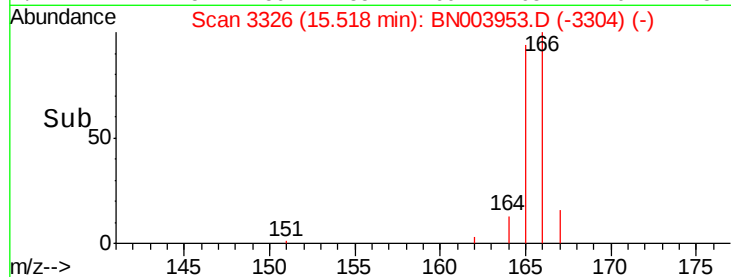
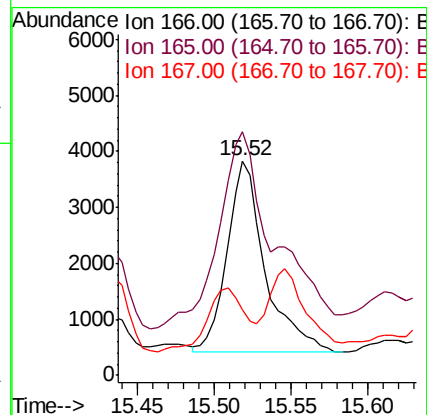
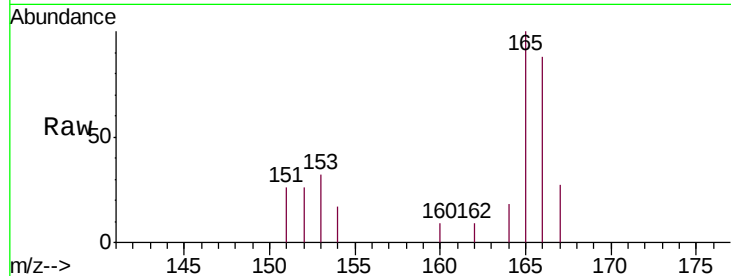
Tgt Ion:166 Resp: 5877

Ion Ratio Lower Upper

166 100

165 113.5 78.3 117.5

167 30.5 11.3 16.9#



#11

Pentachlorophenol

Concen: 0.030 ng/ul

RT: 16.86 min Scan# 3624

Delta R.T. -0.00 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

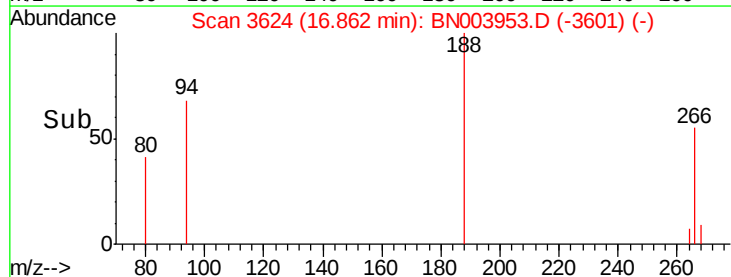
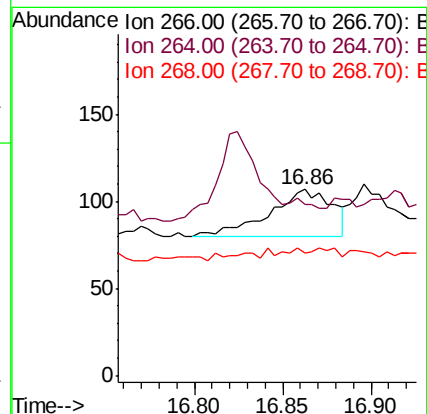
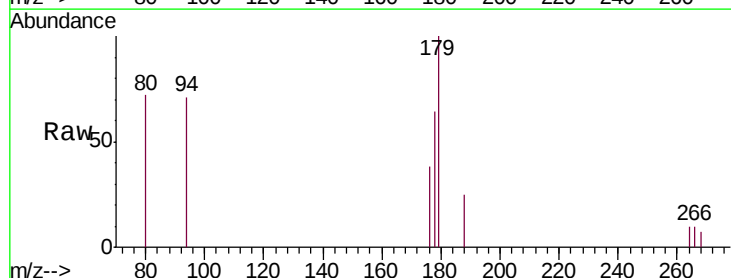
Tgt Ion:266 Resp: 67

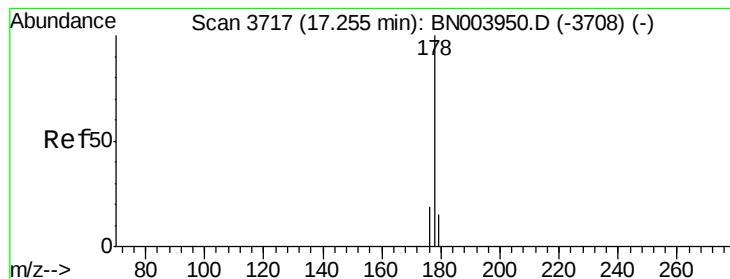
Ion Ratio Lower Upper

266 100

264 0.0 49.4 74.2#

268 6.0 51.7 77.5#





#12

Phenanthrene

Concen: 0.575 ng/ul

RT: 17.26 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

Instrument :

BNA_N

ClientSampleId :

F9Y14DL

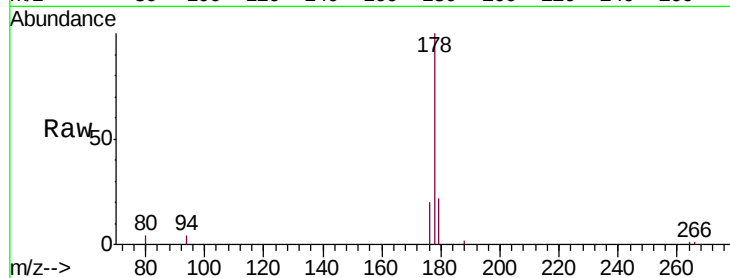
Tgt Ion:178 Resp: 23068

Ion Ratio Lower Upper

178 100

179 21.8 12.5 18.7#

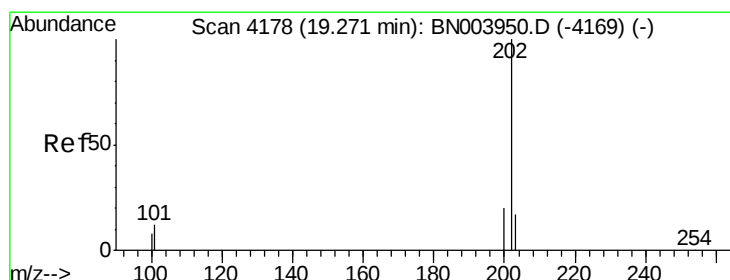
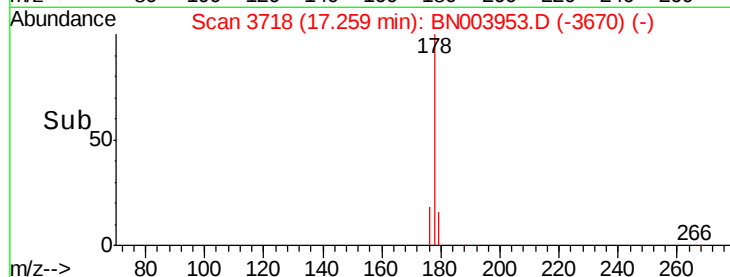
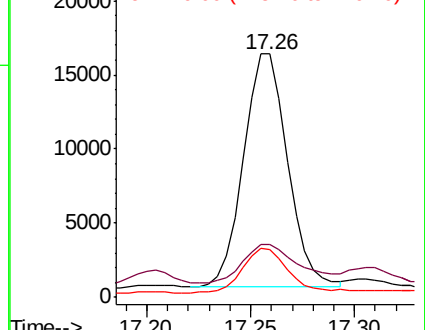
176 19.8 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.027 ng/ul

RT: 19.27 min Scan# 4177

Delta R.T. -0.00 min

Lab File: BN003953.D

Acq: 15 Dec 2018 11:34

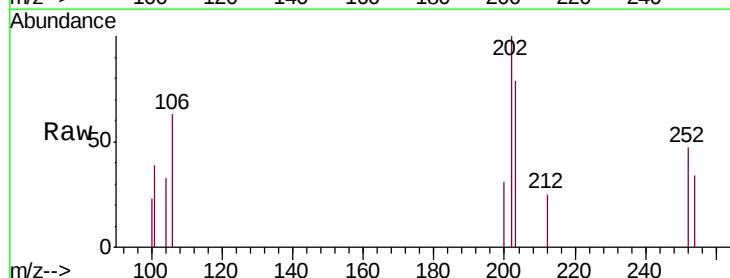
Tgt Ion:202 Resp: 1257

Ion Ratio Lower Upper

202 100

101 39.3 0.0 30.7#

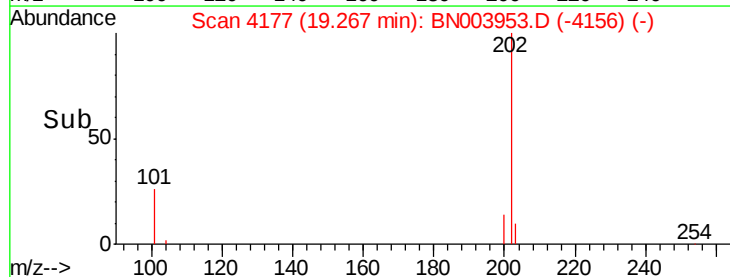
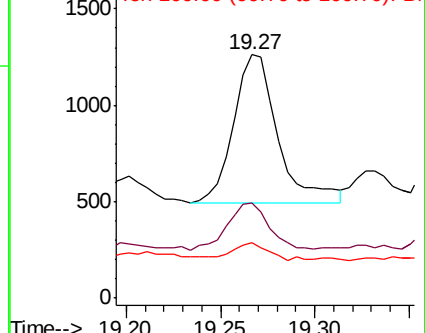
100 22.6 0.0 28.1

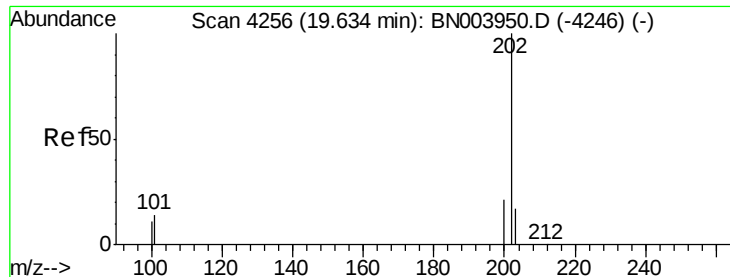


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

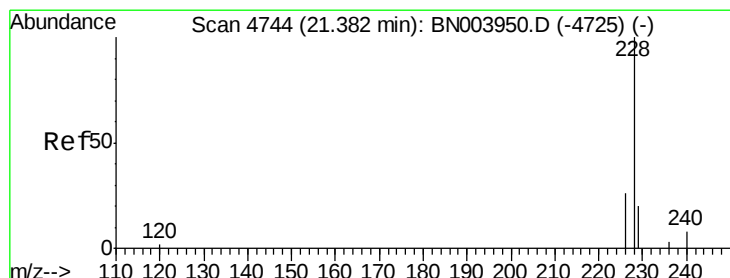
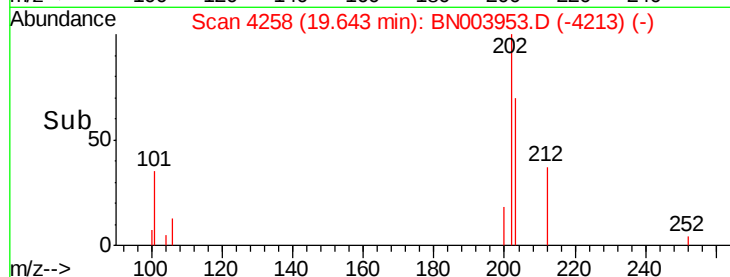
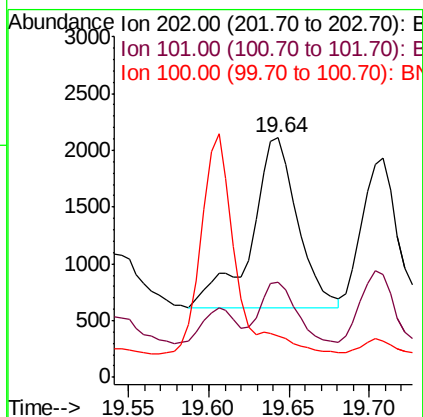
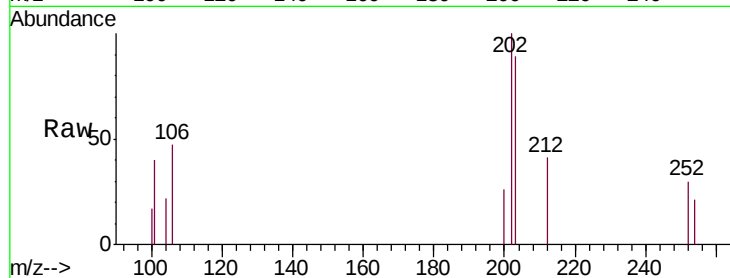




#17
 Pyrene
 Concen: 0.052 ng/ul
 RT: 19.64 min Scan# 4258
 Delta R.T. 0.01 min
 Lab File: BN003953.D
 Acq: 15 Dec 2018 11:34

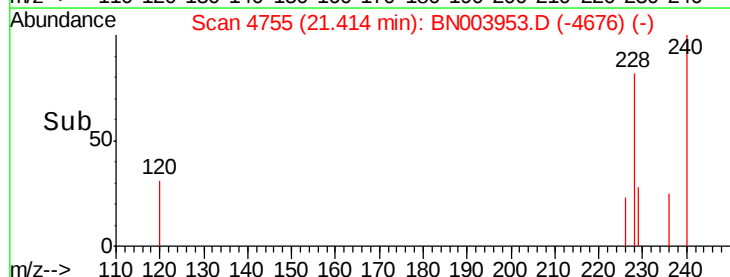
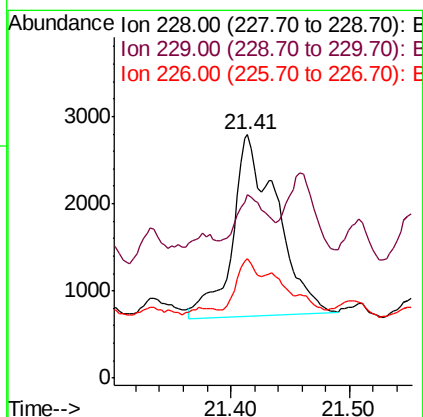
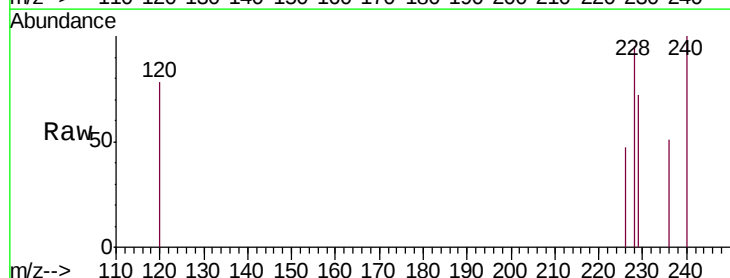
Instrument :
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 F9Y14DL

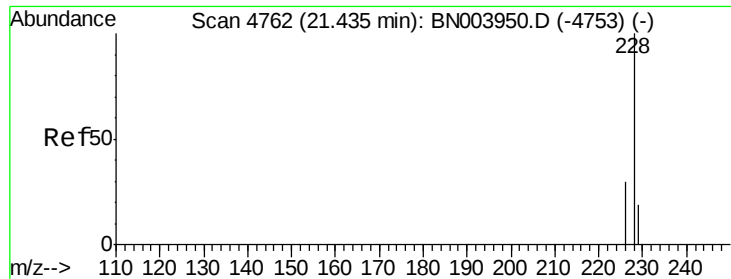
Tgt Ion:202 Resp: 2999
 Ion Ratio Lower Upper
 202 100
 101 39.8 10.3 15.5#
 100 17.2 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 0.107 ng/ul
 RT: 21.41 min Scan# 4755
 Delta R.T. 0.03 min
 Lab File: BN003953.D
 Acq: 15 Dec 2018 11:34

Tgt Ion:228 Resp: 5421
 Ion Ratio Lower Upper
 228 100
 229 75.1 15.6 23.4#
 226 48.9 21.1 31.7#





#19

Chrysene

Concen: 0.091 ng/ul

RT: 21.41 min Scan# 4755

Delta R.T. -0.02 min

Lab File: BN003953.D

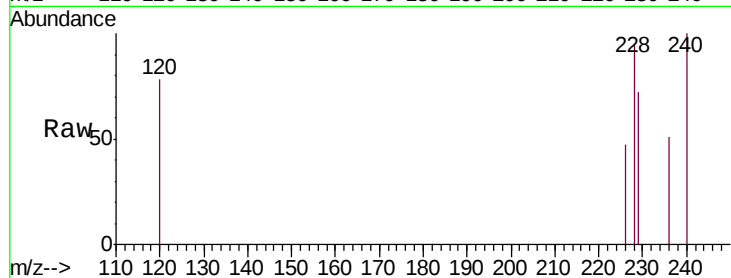
Acq: 15 Dec 2018 11:34

Instrument :

BNA_N

ClientSampleId :

F9Y14DL



Tgt Ion: 228 Resp: 5238

Ion Ratio Lower Upper

228 100

226 48.9 24.0 36.0#

229 75.1 15.7 23.5#

