

Data File : BN003952.D
Acq On : 15 Dec 2018 10:59
Operator : JU/SJ
Sample : J6171-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y14

Quant Time: Dec 15 22:01:18 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	2449	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	14720	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	9575	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	939512	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	372	0.40	ng/ul	0.10
20) Perylene-d12	0.00	264	0	0.00	ng/ul	-23.72

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	15803	0.70	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	2849	0.00	ng/ul	0.09

Target Compounds				Qvalue		
3) Naphthalene	10.68	128	273275	6.609	ng/ul#	89
5) 2-Methylnaphthalene	12.29	142	847559	29.356	ng/ul	99
7) Acenaphthylene	14.19	152	16220	0.376	ng/ul#	1
8) Acenaphthene	14.55	153	20657	0.547	ng/ul#	45
9) Fluorene	15.52	166	38338	0.870	ng/ul#	84
17) Pyrene	19.71	202	11764	8.817	ng/ul#	47
18) Benzo(a)anthracene	21.51	228	999	0.850	ng/ul#	1
19) Chrysene	21.55	228	2029	1.509	ng/ul#	1

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

Data File : BN003952.D

Acq On : 15 Dec 2018 10:59

Operator : JU/SJ

Sample : J6171-10

Misc :

ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y14

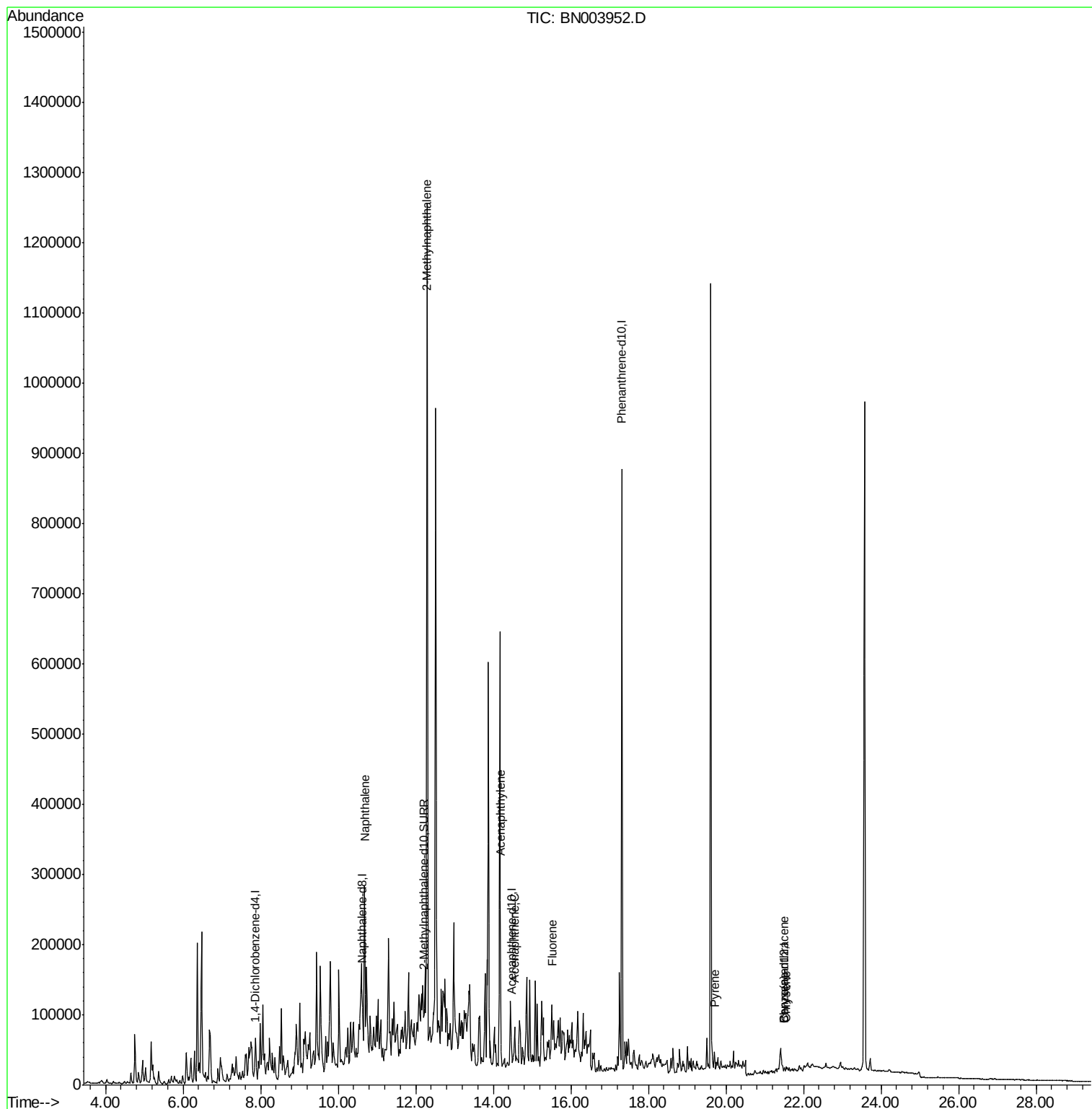
Quant Time: Dec 15 22:01:18 2018

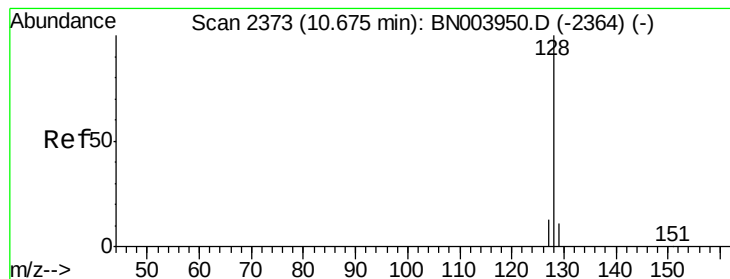
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 15 21:58:36 2018

Response via : Initial Calibration





#3

Naphthalene

Concen: 6.609 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

Instrument :

BNA_N

ClientSampleId :

F9Y14

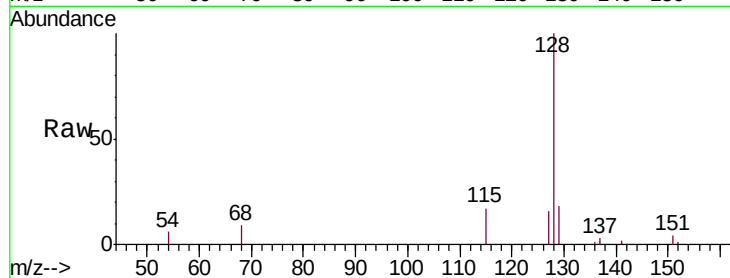
Tgt Ion:128 Resp: 273275

Ion Ratio Lower Upper

128 100

129 17.7 9.0 13.6#

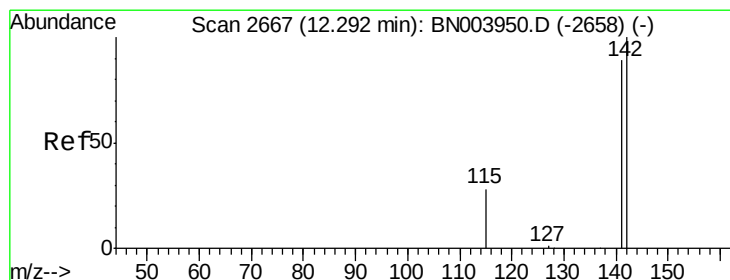
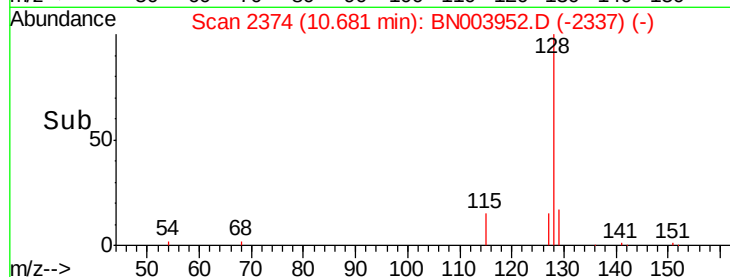
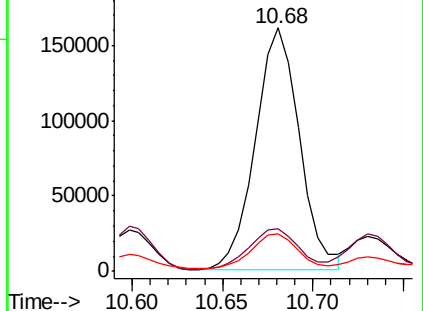
127 15.5 10.5 15.7



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: 29.356 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003952.D

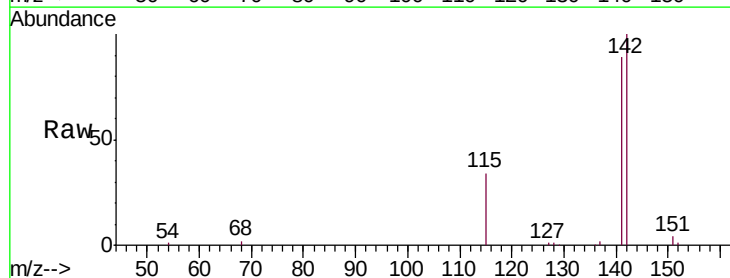
Acq: 15 Dec 2018 10:59

Tgt Ion:142 Resp: 847559

Ion Ratio Lower Upper

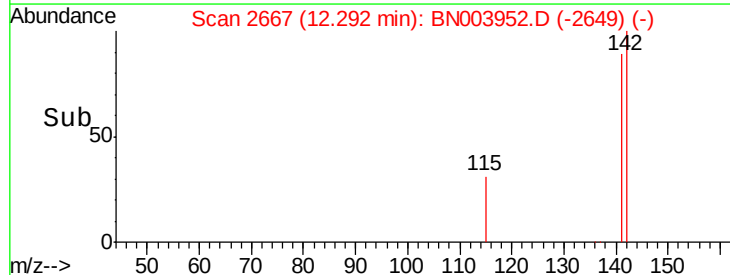
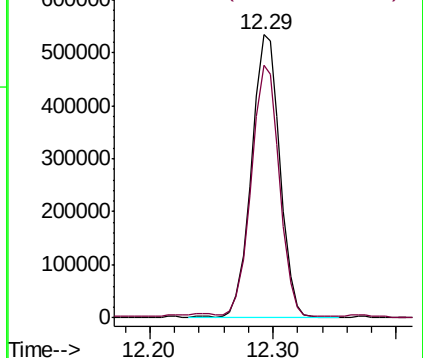
142 100

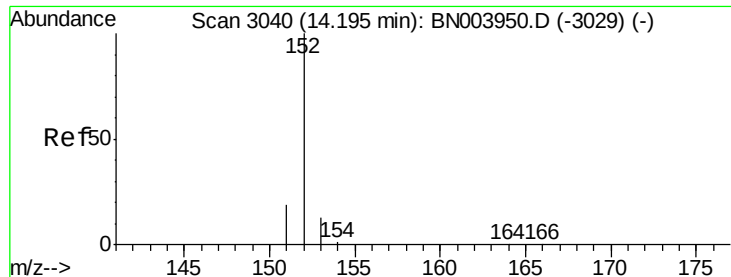
141 88.3 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.376 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

Instrument :

BNA_N

ClientSampleId :

F9Y14

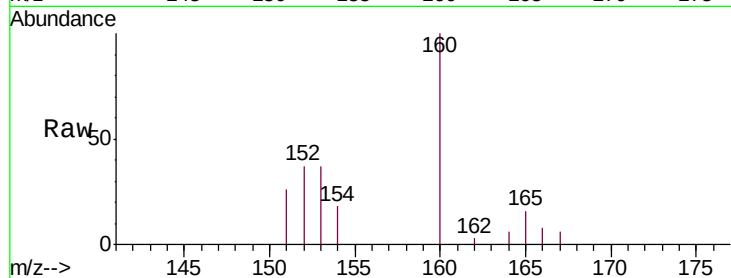
Tgt Ion:152 Resp: 16220

Ion Ratio Lower Upper

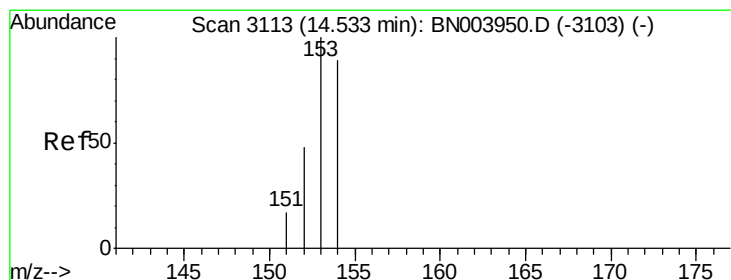
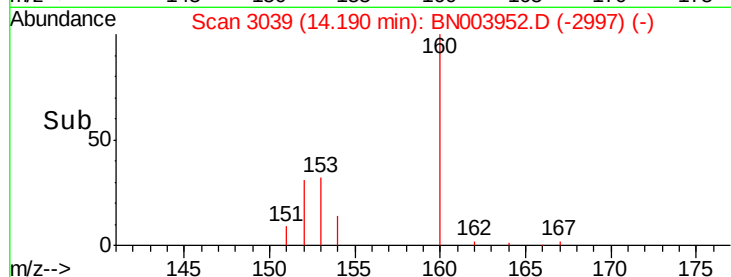
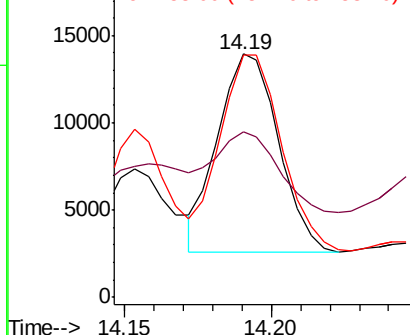
152 100

151 68.1 15.9 23.9#

153 99.7 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: 0.547 ng/ul

RT: 14.55 min Scan# 3117

Delta R.T. 0.02 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

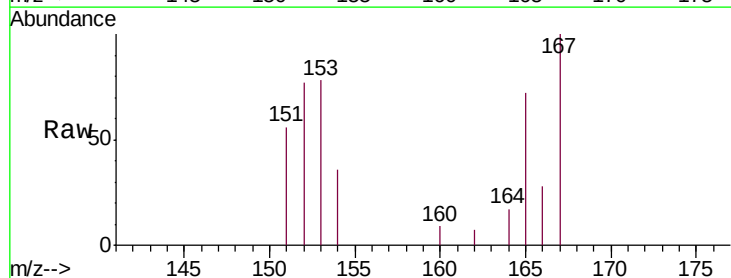
Tgt Ion:153 Resp: 20657

Ion Ratio Lower Upper

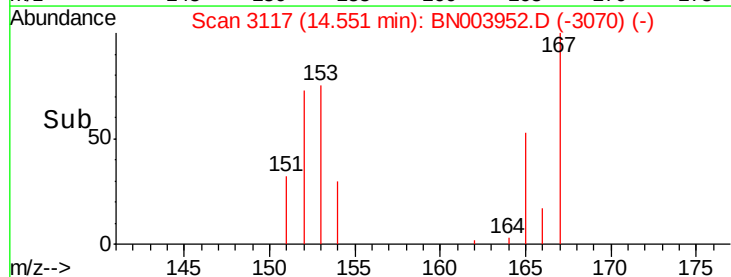
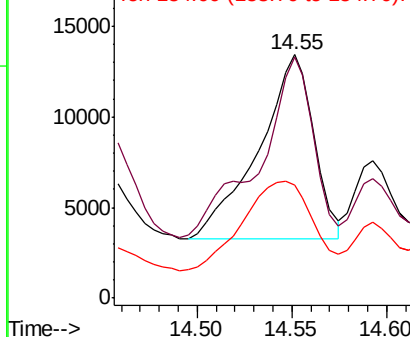
153 100

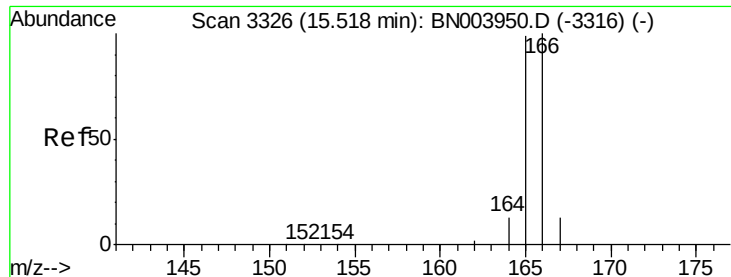
152 99.2 39.3 58.9#

154 46.7 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: 0.870 ng/ul

RT: 15.52 min Scan# 3327

Delta R.T. 0.00 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

Instrument :

BNA_N

ClientSampleId :

F9Y14

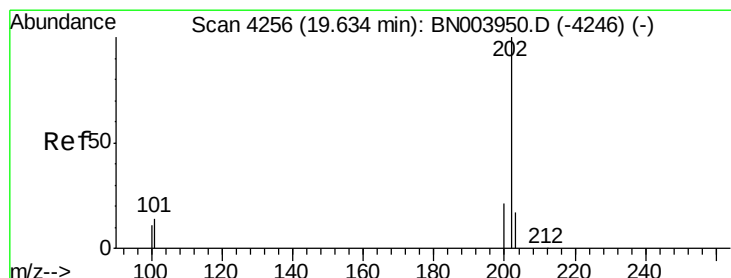
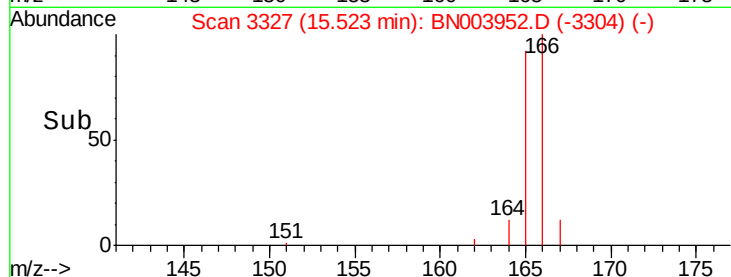
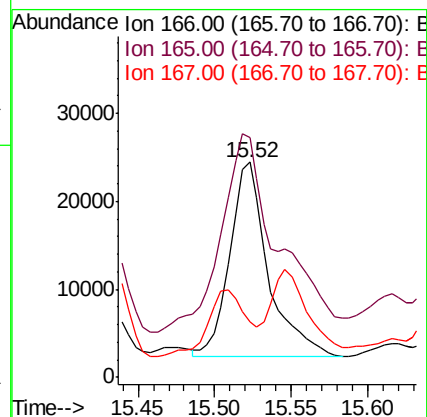
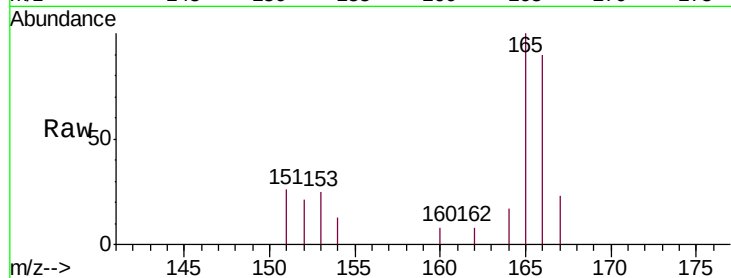
Tgt Ion:166 Resp: 38338

Ion Ratio Lower Upper

166 100

165 111.5 78.3 117.5

167 25.9 11.3 16.9#



#17

Pyrene

Concen: 8.817 ng/ul

RT: 19.71 min Scan# 4272

Delta R.T. 0.07 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

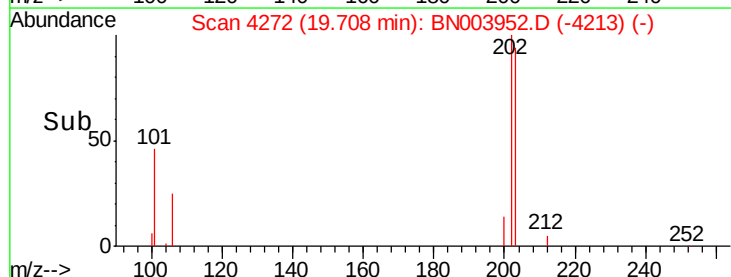
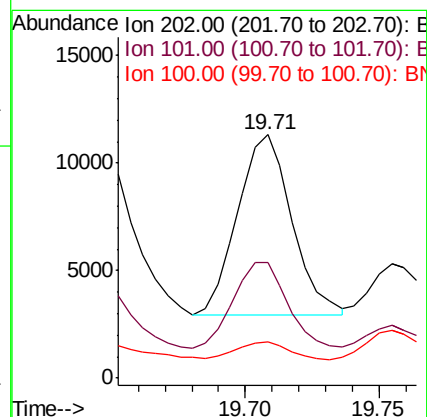
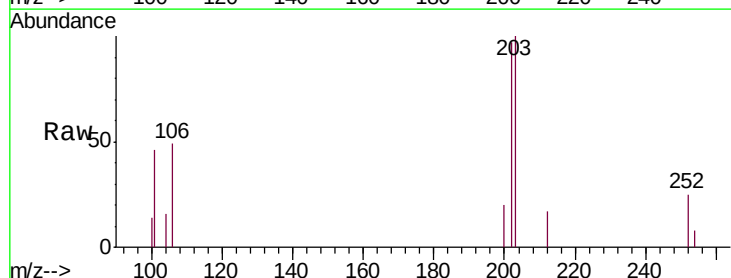
Tgt Ion:202 Resp: 11764

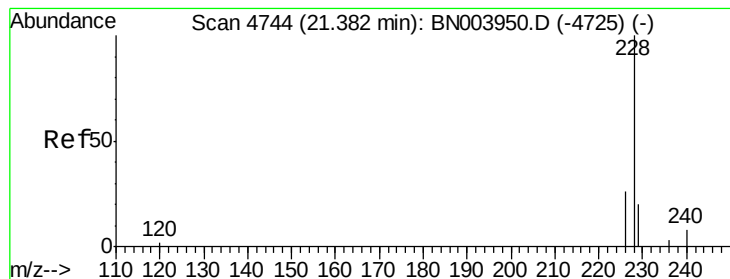
Ion Ratio Lower Upper

202 100

101 47.3 10.3 15.5#

100 14.9 8.5 12.7#





#18

Benzo(a)anthracene

Concen: 0.850 ng/ul

RT: 21.51 min Scan# 4787

Delta R.T. 0.13 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

Instrument :

BNA_N

ClientSampleId :

F9Y14

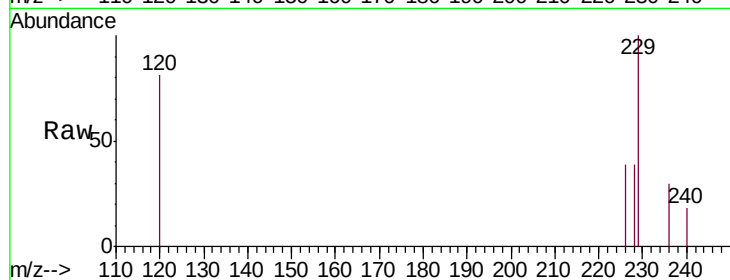
Tgt Ion:228 Resp: 999

Ion Ratio Lower Upper

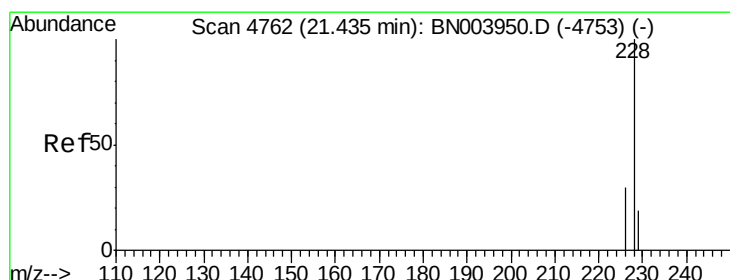
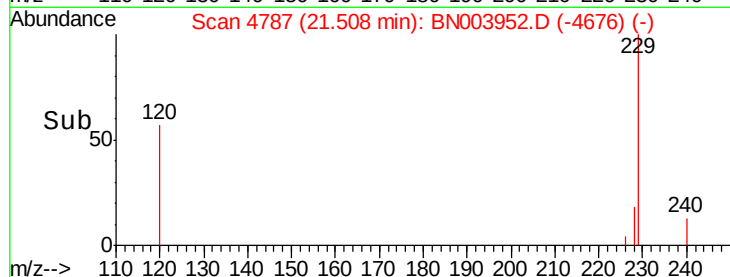
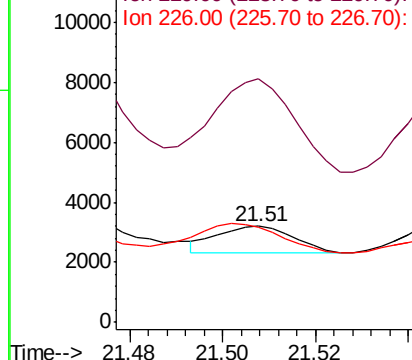
228 100

229 253.8 15.6 23.4#

226 98.9 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: 1.509 ng/ul

RT: 21.55 min Scan# 4802

Delta R.T. 0.12 min

Lab File: BN003952.D

Acq: 15 Dec 2018 10:59

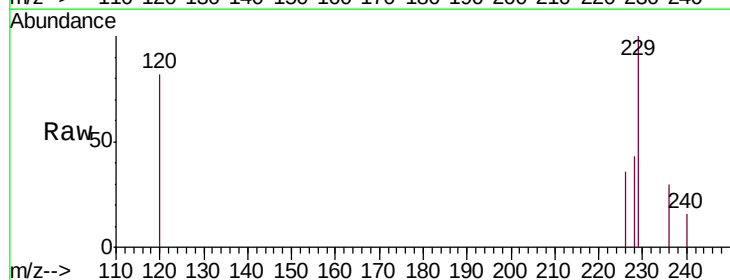
Tgt Ion:228 Resp: 2029

Ion Ratio Lower Upper

228 100

226 84.6 24.0 36.0#

229 232.5 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

