

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006264.D
 Acq On : 12 Jun 2019 02:08
 Operator : JU/SJ
 Sample : K3215-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 02:46:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

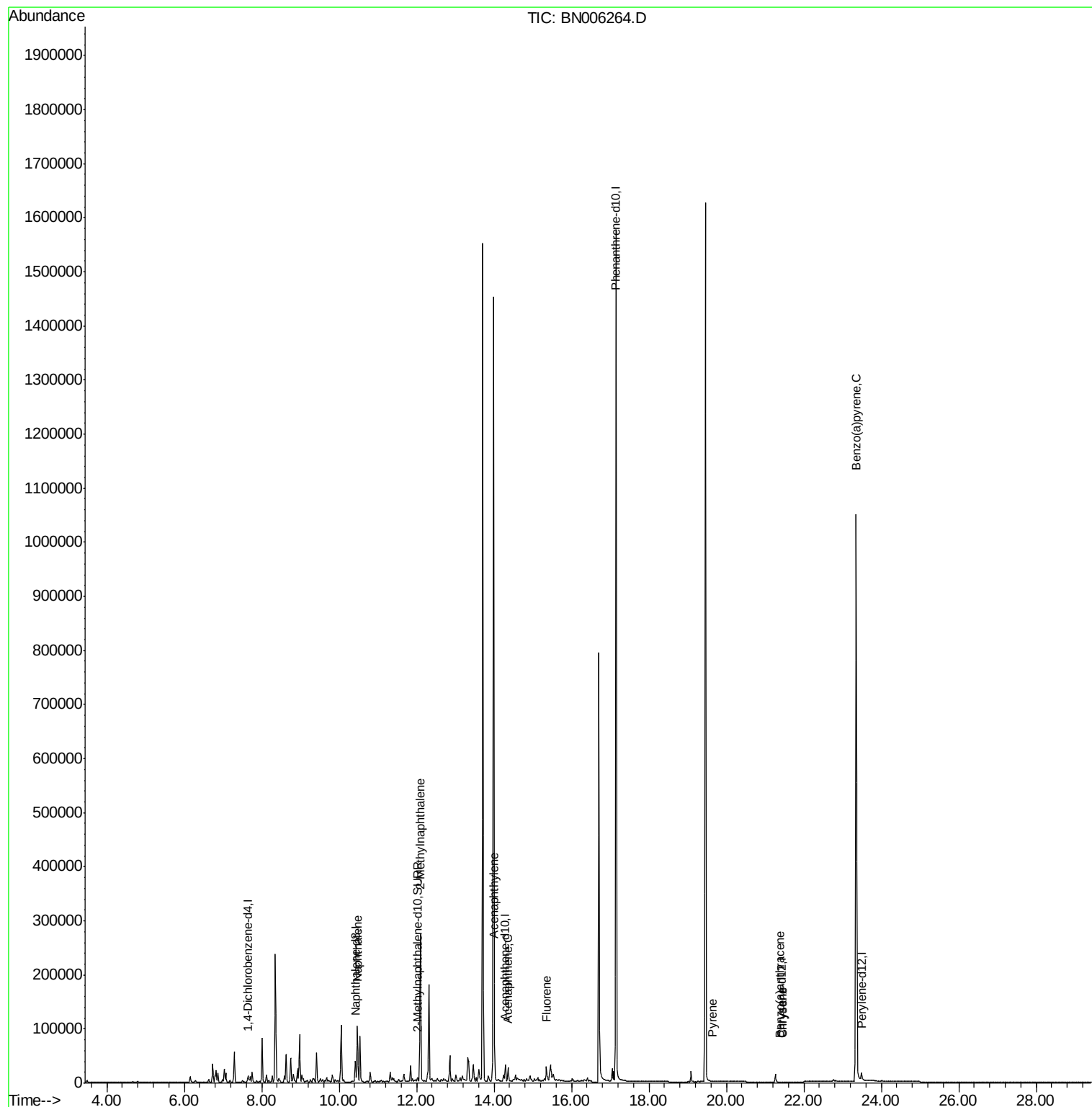
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	6097	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	24074	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14477	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1764649	0.40	ng/ul	0.10
16) Chrysene-d12	21.41	240	47	0.40	ng/ul	0.15
20) Perylene-d12	23.49	264	26393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	11606	0.31	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	132279	1.991	ng/ul	100
5) 2-Methylnaphthalene	12.09	142	194516	4.202	ng/ul	100
7) Acenaphthylene	14.01	152	3920	0.049	ng/ul#	1
8) Acenaphthene	14.36	153	13142	0.235	ng/ul#	81
9) Fluorene	15.35	166	16735	0.256	ng/ul	89
17) Pyrene	19.63	202	135	0.545	ng/ul#	1
18) Benzo(a)anthracene	21.38	228	20	0.096	ng/ul#	1
19) Chrysene	21.44	228	8	0.041	ng/ul#	1
23) Benzo(a)pyrene	23.35	252	5504	0.054	ng/ul#	68

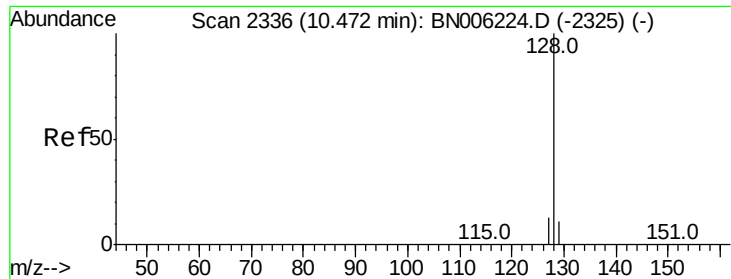
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.991 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

Instrument :

BNA_N

ClientSampled :

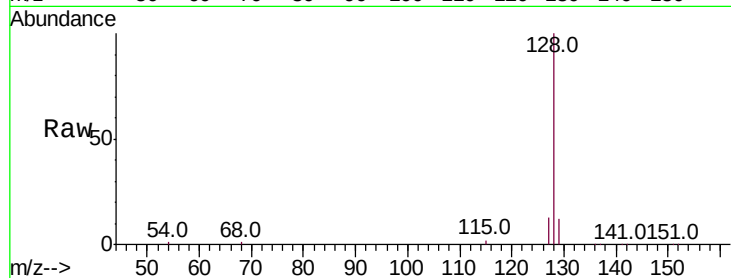
Tot Ion:128 Resp: 132279

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

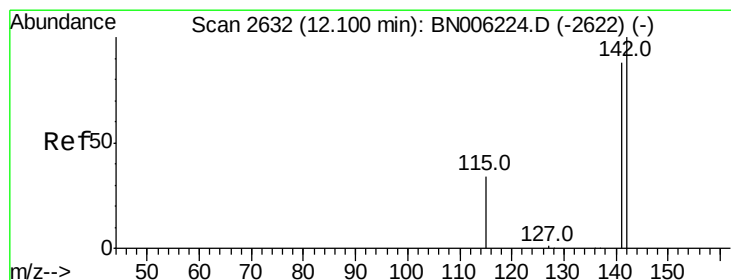
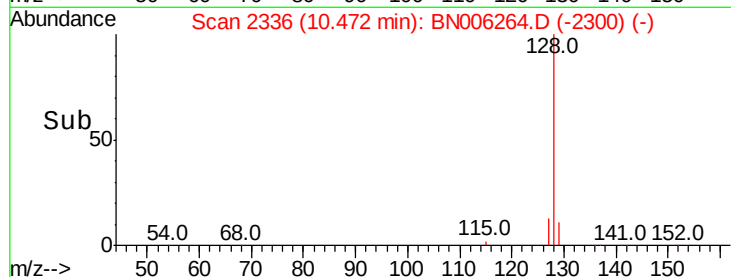
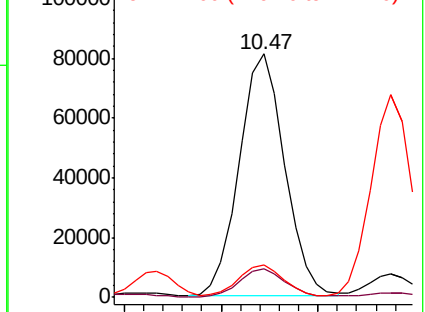
127 13.3 10.7 16.1



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: 4.202 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN006264.D

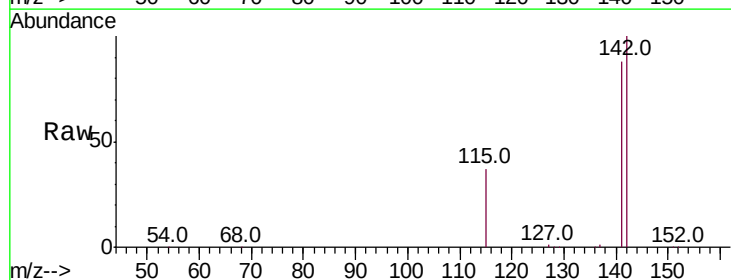
Acq: 12 Jun 2019 02:08

Tgt Ion:142 Resp: 194516

Ion Ratio Lower Upper

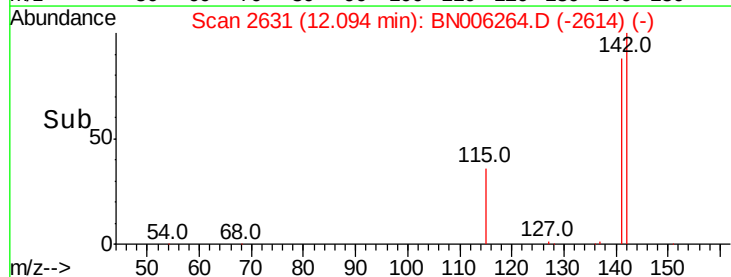
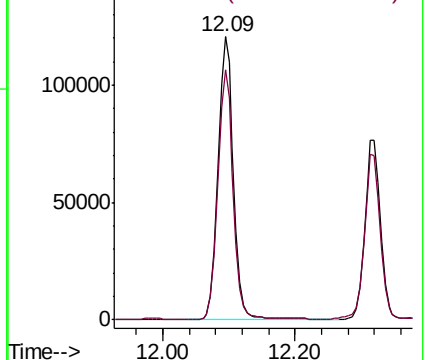
142 100

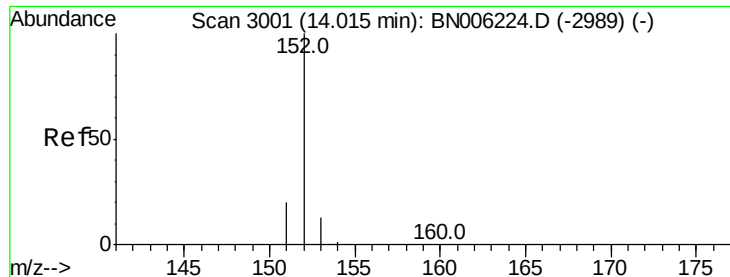
141 88.2 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.049 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

Instrument :

BNA_N

ClientSampleId :

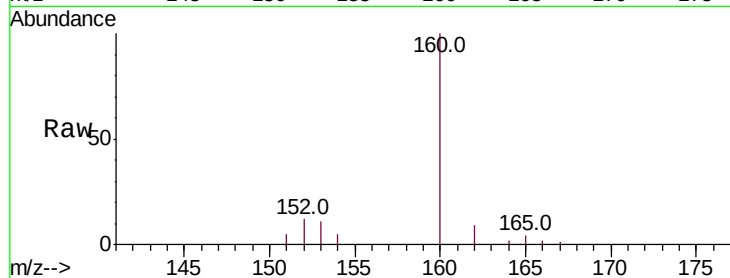
Tot Ion:152 Resp: 3920

Ion Ratio Lower Upper

152 100

151 43.4 15.8 23.8#

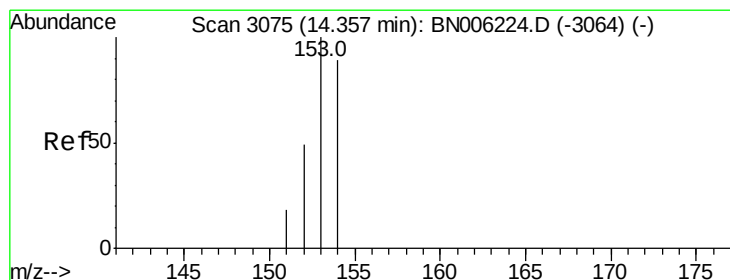
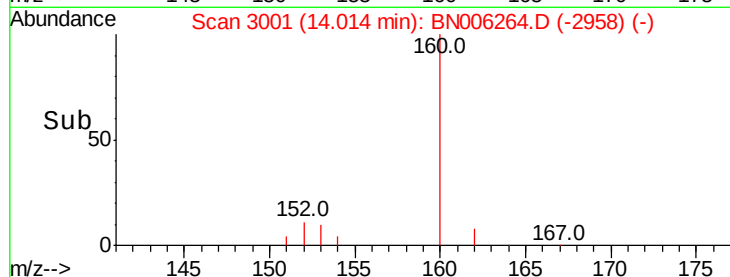
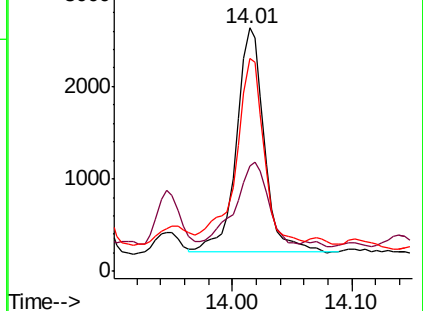
153 87.6 10.8 16.2#



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: 0.235 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

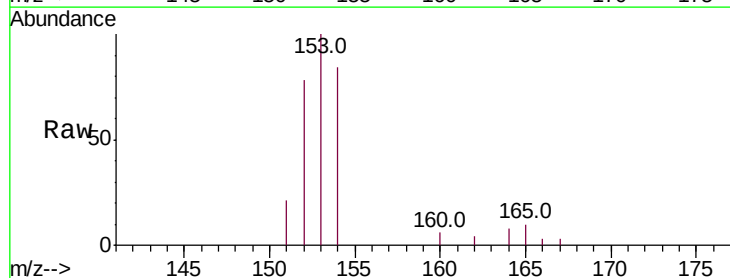
Tgt Ion:153 Resp: 13142

Ion Ratio Lower Upper

153 100

152 78.3 39.1 58.7#

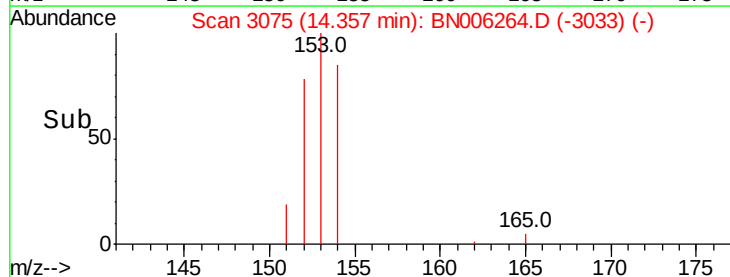
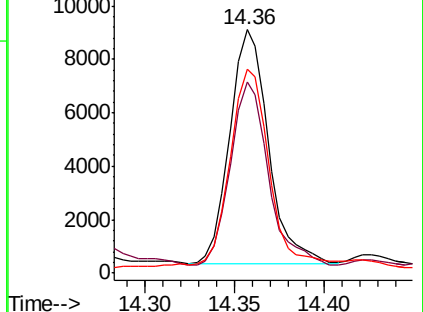
154 84.0 71.1 106.7

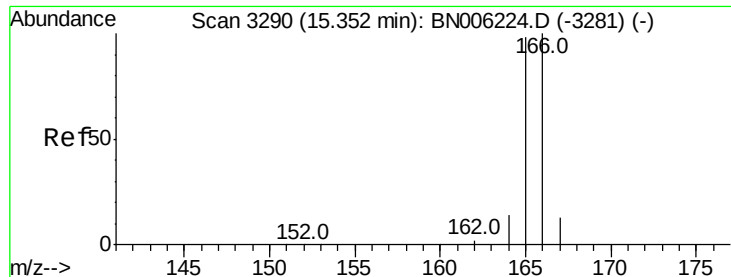


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.256 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

Instrument :

BNA_N

ClientSampleId :

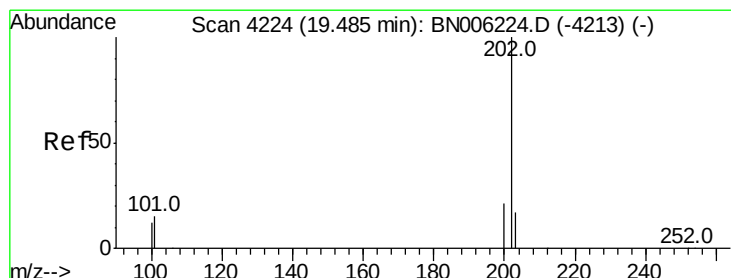
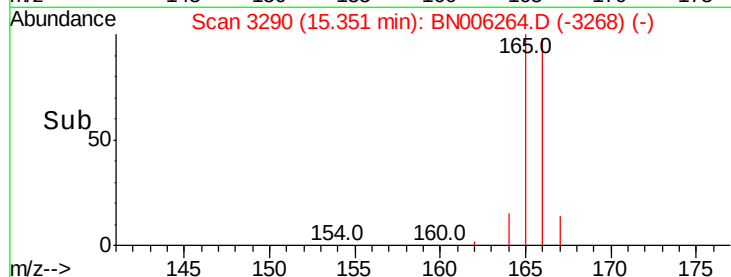
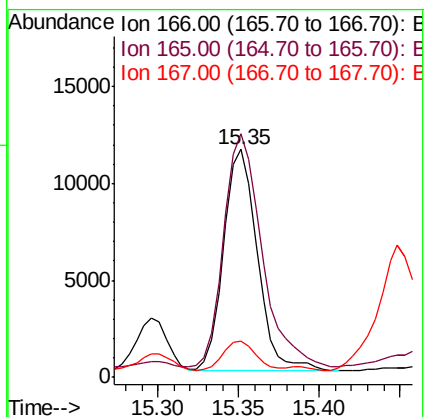
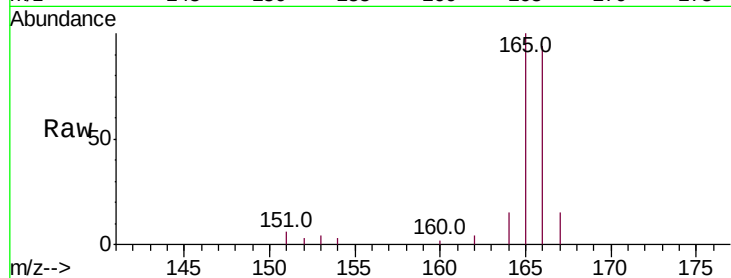
Tot Ion:166 Resp: 16735

Ion Ratio Lower Upper

166 100

165 106.8 76.4 114.6

167 16.1 11.0 16.6



#17

Pyrene

Concen: 0.545 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.15 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

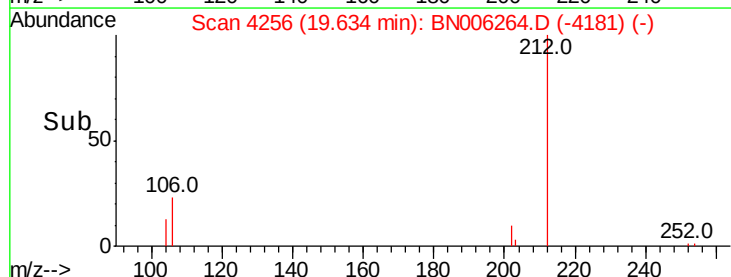
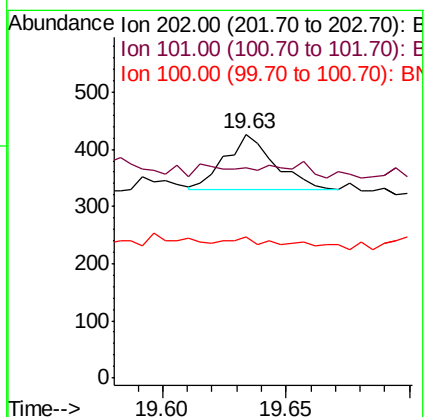
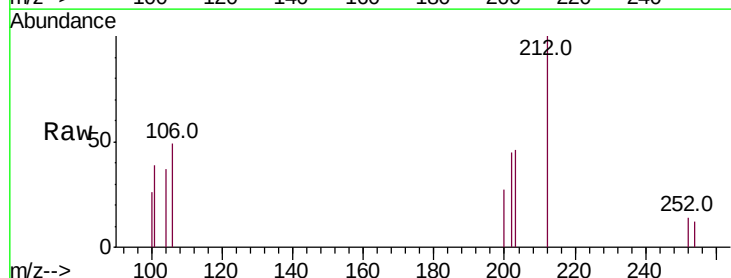
Tgt Ion:202 Resp: 135

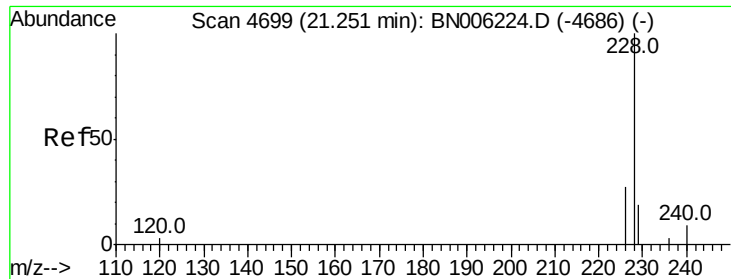
Ion Ratio Lower Upper

202 100

101 86.2 12.2 18.2#

100 58.0 9.8 14.6#





#18

Benzo(a)anthracene

Concen: 0.096 ng/ul

RT: 21.38 min Scan# 4744

Delta R.T. 0.13 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

Instrument :

BNA_N

ClientSampleId :

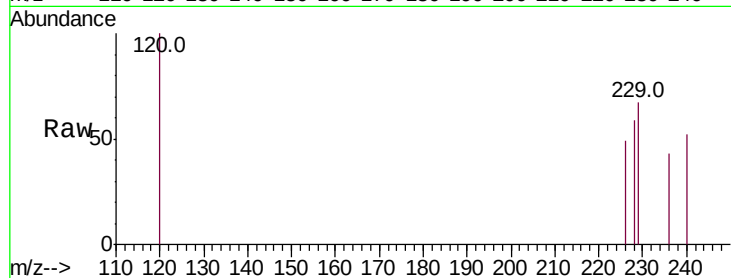
Tot Ion:228 Resp: 20

Ion Ratio Lower Upper

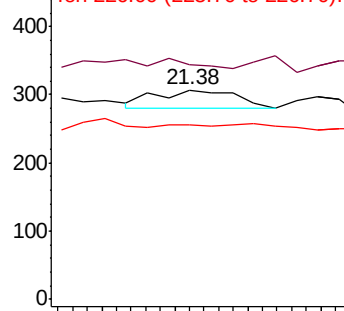
228 100

229 112.4 16.5 24.7#

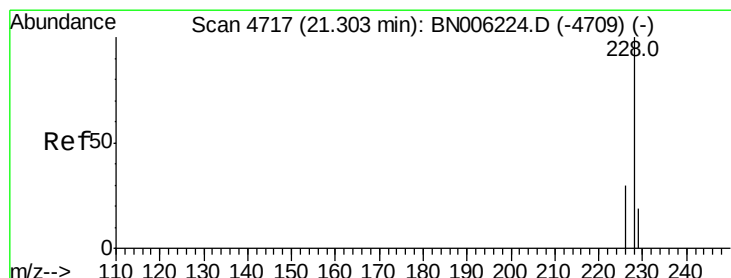
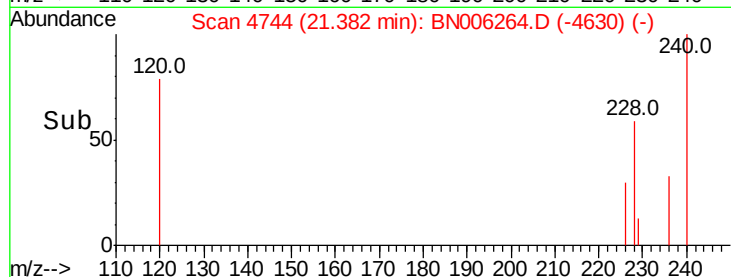
226 83.4 22.8 34.2#



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



Time-->



#19

Chrysene

Concen: 0.041 ng/ul

RT: 21.44 min Scan# 4765

Delta R.T. 0.14 min

Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

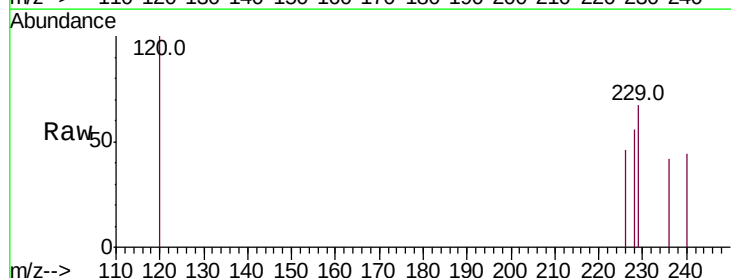
Tgt Ion:228 Resp: 8

Ion Ratio Lower Upper

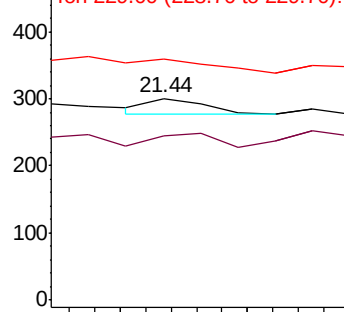
228 100

226 81.1 25.0 37.6#

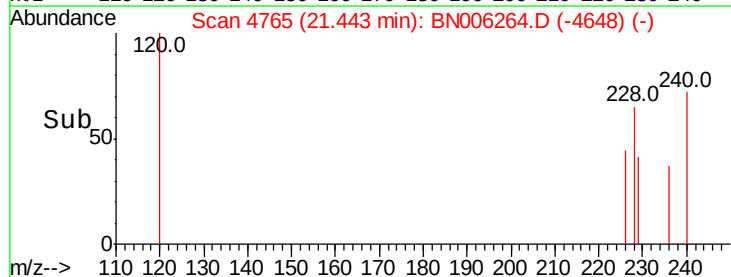
229 119.6 16.3 24.5#

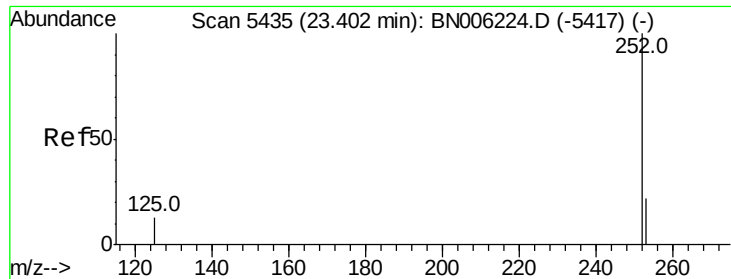


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.054 ng/ul

RT: 23.35 min Scan# 5417

Delta R.T. -0.05 min

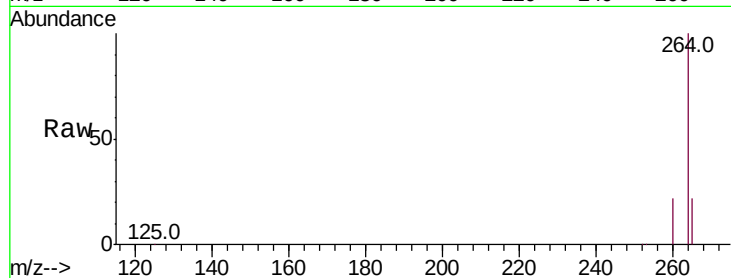
Lab File: BN006264.D

Acq: 12 Jun 2019 02:08

Instrument :

BNA_N

ClientSampleId :



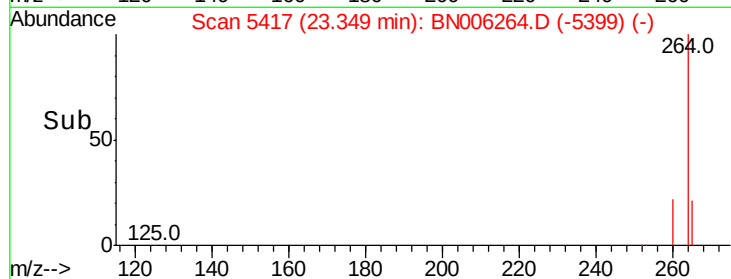
Tot Ion:252 Resp: 5504

Ion Ratio Lower Upper

252 100

253 40.8 21.1 31.7#

125 43.9 20.3 30.5#



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

