

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061119\
 Data File : BN006261.D
 Acq On : 12 Jun 2019 00:25
 Operator : JU/SJ
 Sample : K3215-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 12 01:12:56 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

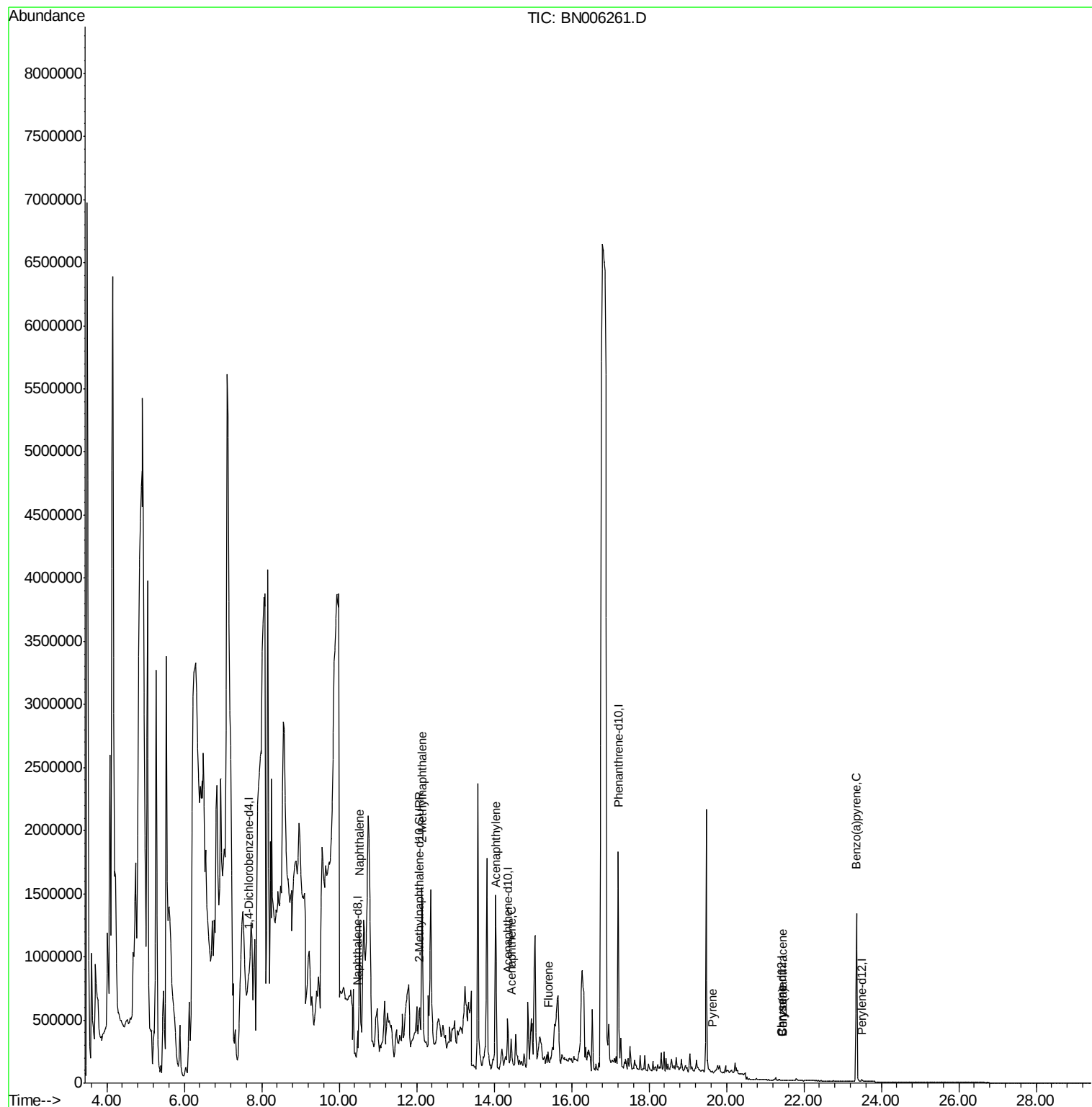
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	5433	0.40	ng/ul	0.01
2) Naphthalene-d8	10.47	136	30500	0.40	ng/ul	0.04
6) Acenaphthene-d10	14.35	164	30903	0.40	ng/ul	0.06
10) Phenanthrene-d10	17.20	188	2167836	0.40	ng/ul	0.15
16) Chrysene-d12	21.43	240	310	0.40	ng/ul	0.17
20) Perylene-d12	23.49	264	22580	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	12566	0.27	ng/ul	0.04
14) Fluoranthene-d10	19.26	212	1973	0.00	ng/ul	0.17
Target Compounds				Ovalue		
3) Naphthalene	10.53	128	1915656	22.761	ng/ul#	95
5) 2-Methylnaphthalene	12.14	142	1137830	19.399	ng/ul	89
7) Acenaphthylene	14.06	152	30353	0.177	ng/ul#	1
8) Acenaphthene	14.44	153	62077	0.521	ng/ul#	51
9) Fluorene	15.39	166	58310	0.418	ng/ul#	73
17) Pyrene	19.65	202	12178	7.458	ng/ul#	1
18) Benzo(a)anthracene	21.46	228	258	0.188	ng/ul#	1
19) Chrysene	21.46	228	827	0.643	ng/ul#	1
23) Benzo(a)pyrene	23.36	252	6421	0.073	ng/ul#	2

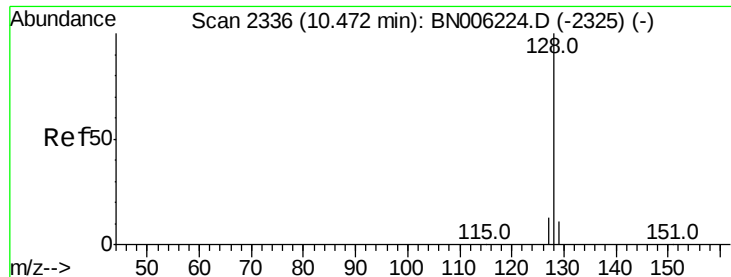
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 22.761 ng/ul

RT: 10.53 min Scan# 2346

Delta R.T. 0.06 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

Instrument :

BNA_N

ClientSampleId :

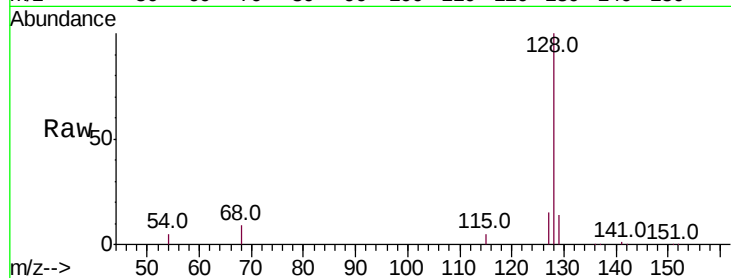
Tot Ion:128 Resp: 1915656

Ion Ratio Lower Upper

128 100

129 14.3 9.3 13.9#

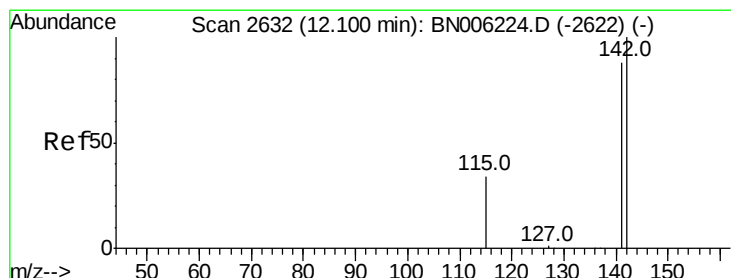
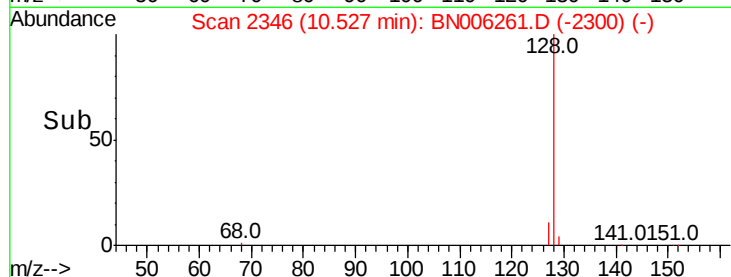
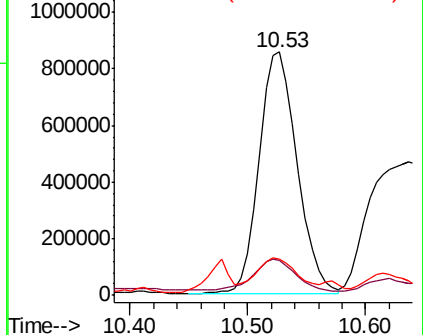
127 15.1 10.7 16.1



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: 19.399 ng/ul

RT: 12.14 min Scan# 2639

Delta R.T. 0.04 min

Lab File: BN006261.D

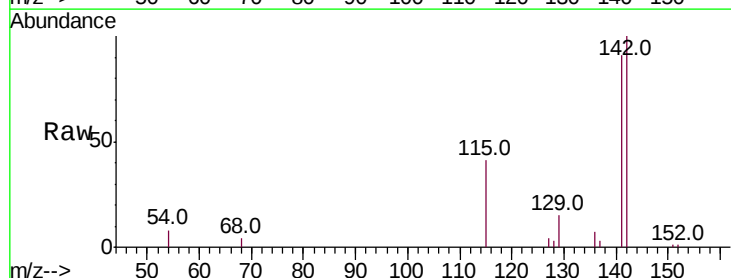
Acq: 12 Jun 2019 00:25

Tgt Ion:142 Resp: 1137830

Ion Ratio Lower Upper

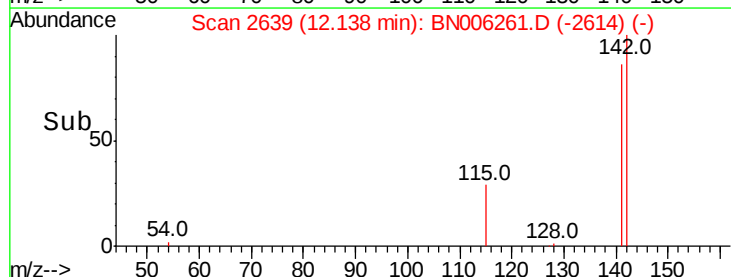
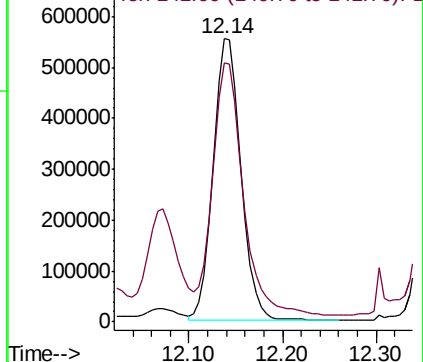
142 100

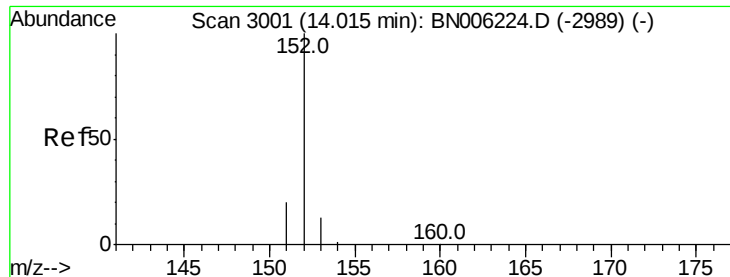
141 98.1 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.177 ng/ul

RT: 14.06 min Scan# 3011

Delta R.T. 0.05 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

Instrument :

BNA_N

ClientSampleId :

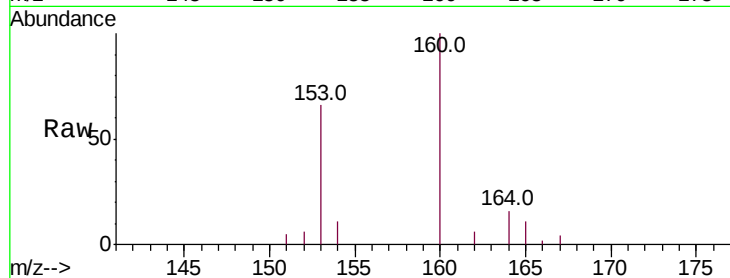
Tot Ion:152 Resp: 30353

Ion Ratio Lower Upper

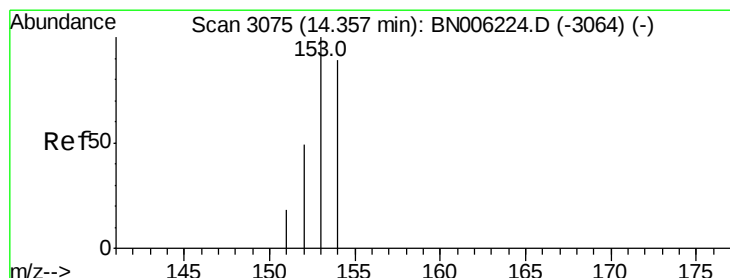
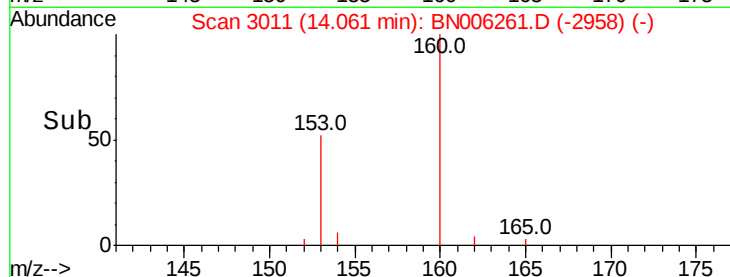
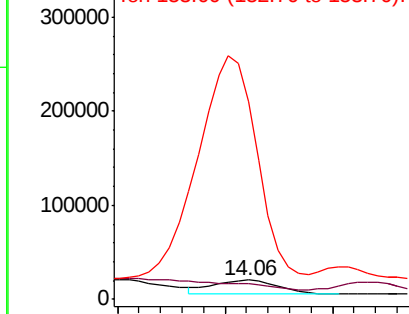
152 100

151 79.6 15.8 23.8#

153 1032.7 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: 0.521 ng/ul

RT: 14.44 min Scan# 3092

Delta R.T. 0.07 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

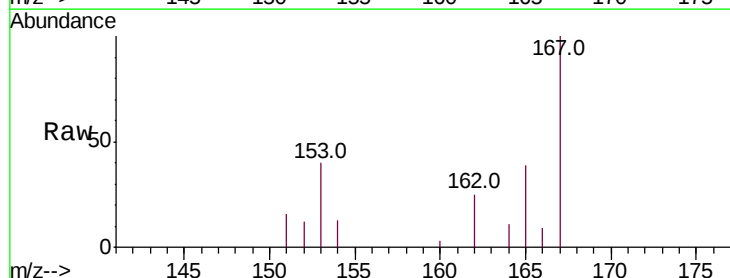
Tgt Ion:153 Resp: 62077

Ion Ratio Lower Upper

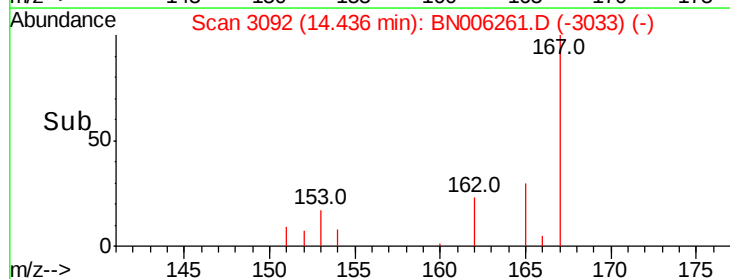
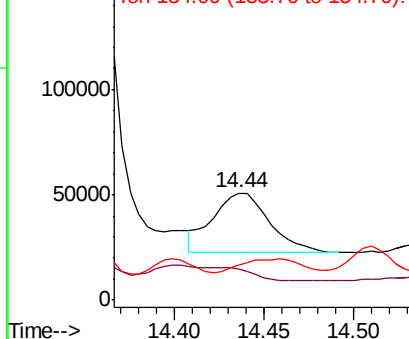
153 100

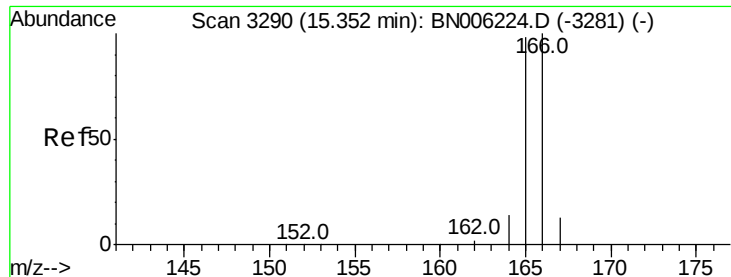
152 29.5 39.1 58.7#

154 32.6 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: 0.418 ng/ul

RT: 15.39 min Scan# 3299

Delta R.T. 0.04 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

Instrument :

BNA_N

ClientSampleId :

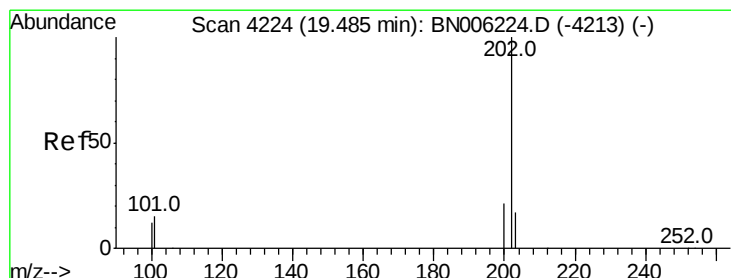
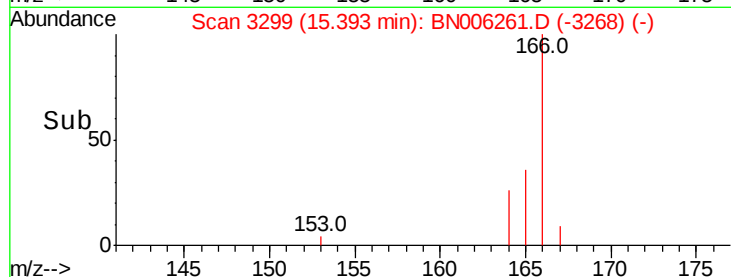
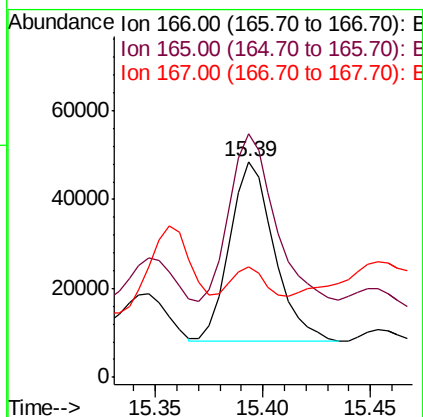
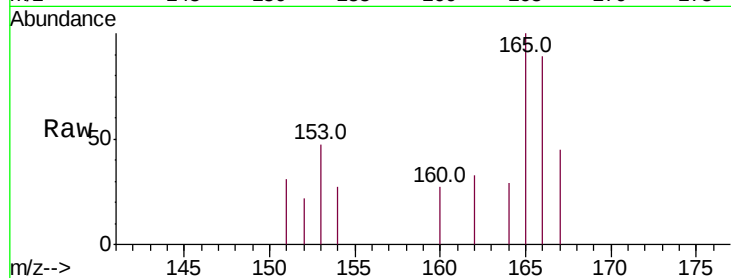
Tot Ion:166 Resp: 58310

Ion Ratio Lower Upper

166 100

165 113.0 76.4 114.6

167 51.2 11.0 16.6#



#17

Pyrene

Concen: 7.458 ng/ul

RT: 19.65 min Scan# 4259

Delta R.T. 0.16 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

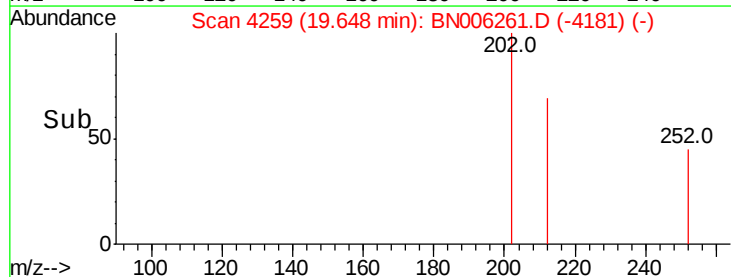
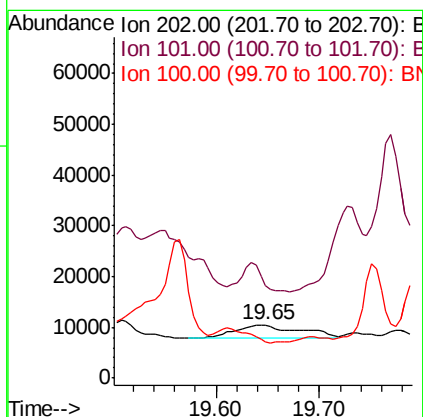
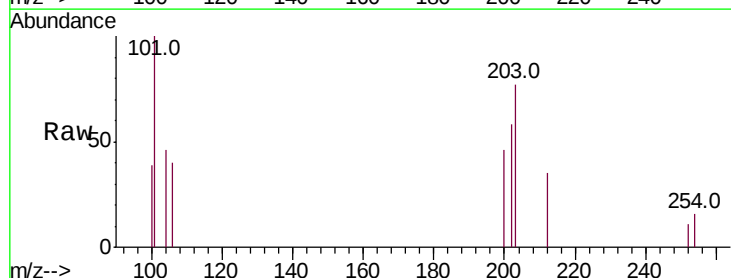
Tgt Ion:202 Resp: 12178

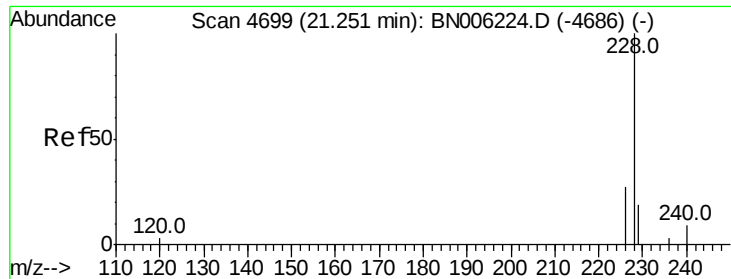
Ion Ratio Lower Upper

202 100

101 173.1 12.2 18.2#

100 68.3 9.8 14.6#





#18

Benzo(a)anthracene

Concen: 0.188 ng/ul

RT: 21.46 min Scan# 4771

Delta R.T. 0.21 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

Instrument :

BNA_N

ClientSampled :

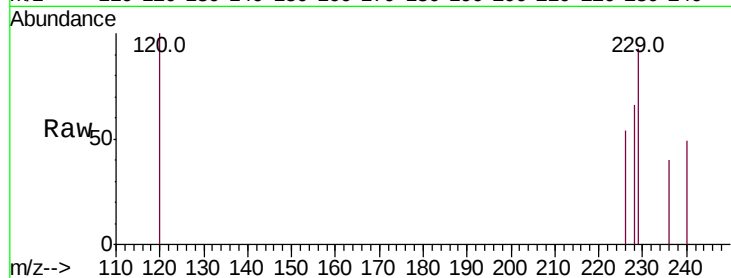
Tot Ion:228 Resp: 258

Ion Ratio Lower Upper

228 100

229 140.4 16.5 24.7#

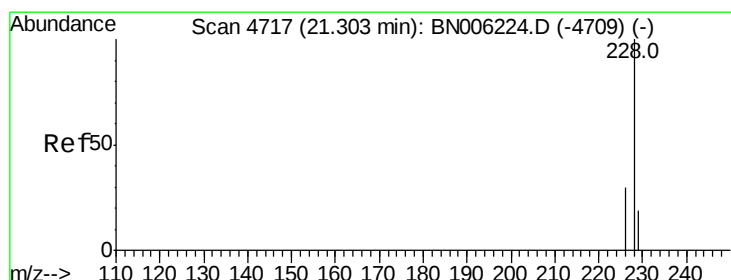
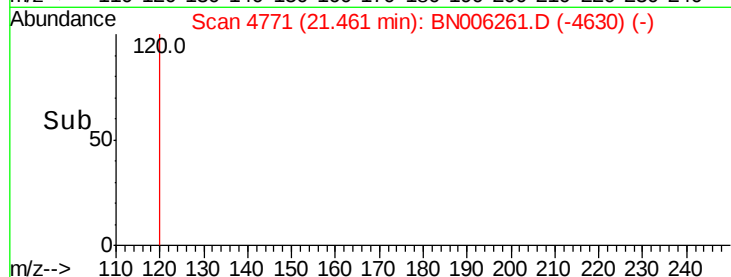
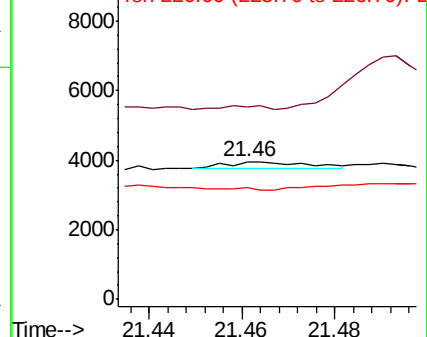
226 81.2 22.8 34.2#



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



#19

Chrysene

Concen: 0.643 ng/ul

RT: 21.46 min Scan# 4771

Delta R.T. 0.16 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

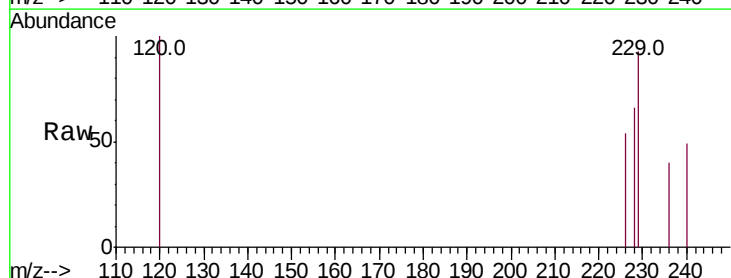
Tgt Ion:228 Resp: 827

Ion Ratio Lower Upper

228 100

226 81.2 25.0 37.6#

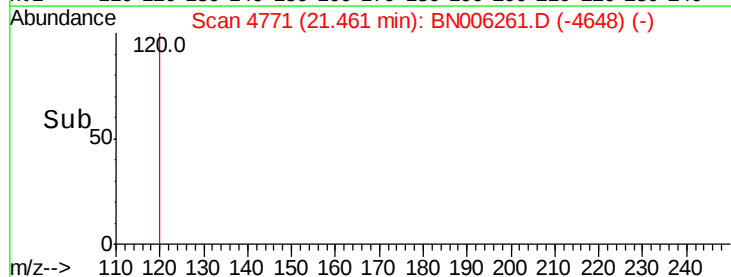
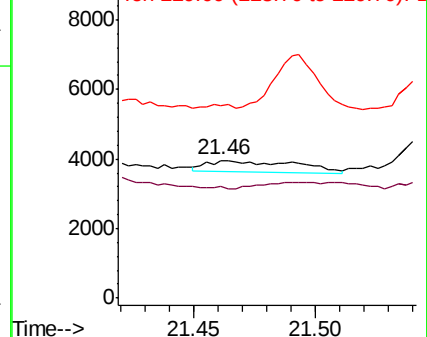
229 140.4 16.3 24.5#

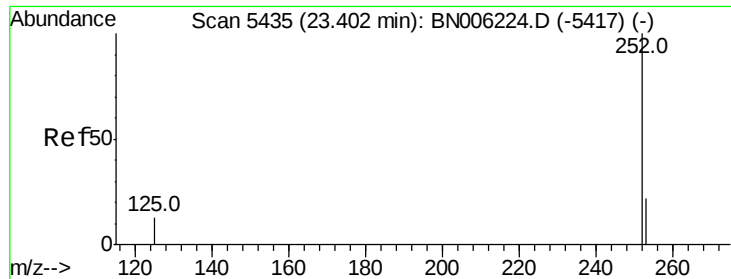


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.36 min Scan# 5420

Delta R.T. -0.04 min

Lab File: BN006261.D

Acq: 12 Jun 2019 00:25

Instrument :

BNA_N

ClientSampleId :

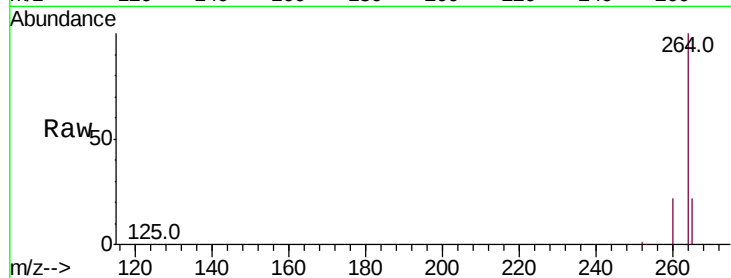
Tot Ion:252 Resp: 6421

Ion Ratio Lower Upper

252 100

253 63.0 21.1 31.7#

125 89.1 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

