

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100318\
 Data File : BN002894.D
 Acq On : 03 Oct 2018 11:11
 Operator : MJ/SJ
 Sample : J5123-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 12:10:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 29 06:35:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	66997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	264293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	153774	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	356966	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	344906	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	359352	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.68	166	2	0.00	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	38	0.00	ng/ul	0.02
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.02	188	356966	20.95	ng/ul	-0.10
78) Pyrene-d10	19.41	212	4	0.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	357289	18.89	ng/ul	0.14

Target Compounds

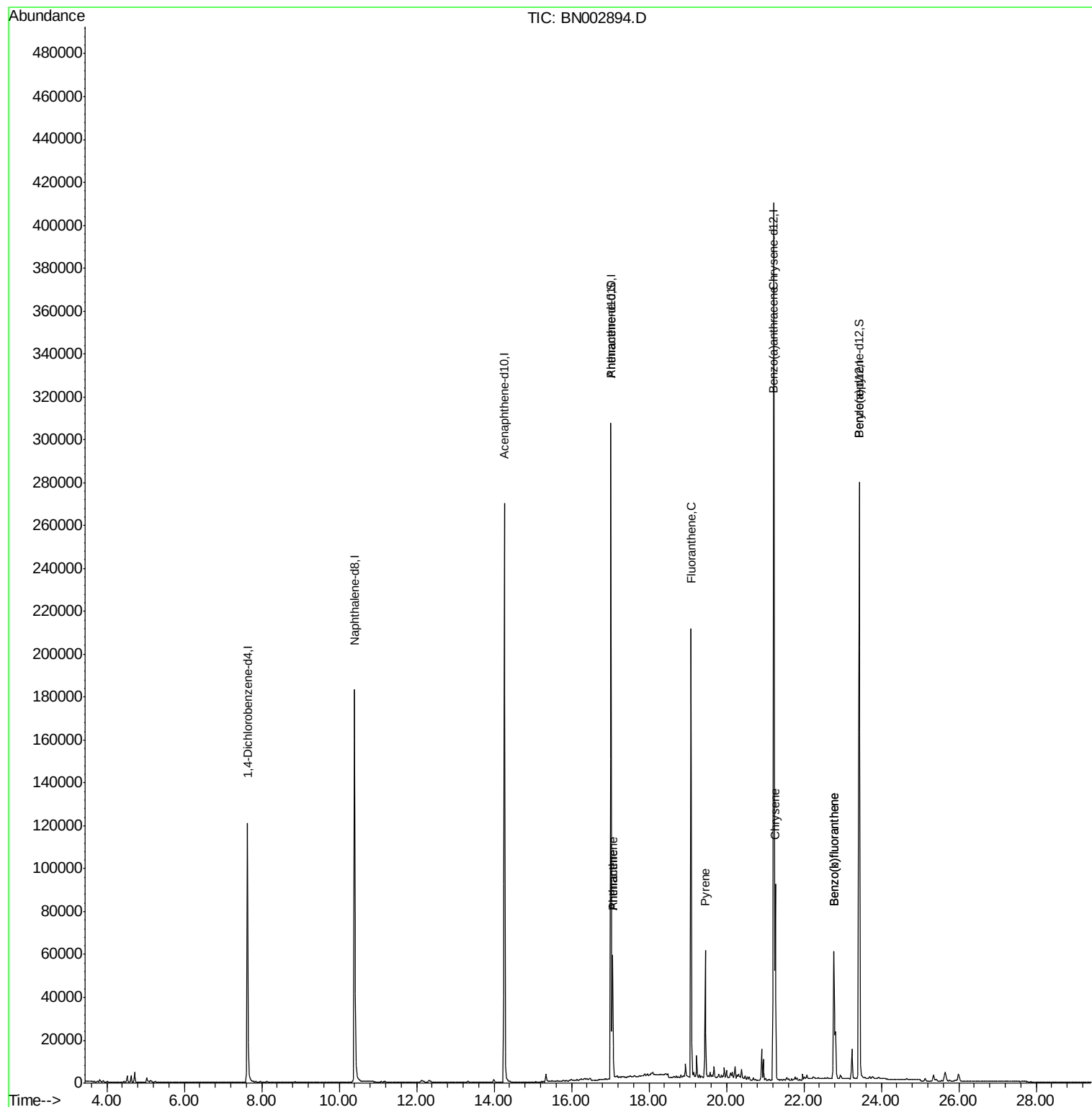
					Ovalue	
69) Phenanthrene	17.06	178	64617	3.285	ng/ul	99
71) Anthracene	17.06	178	64617	3.240	ng/ul	98
76) Fluoranthene	19.09	202	183049	8.725	ng/ul	100
79) Pyrene	19.45	202	52120	2.286	ng/ul	98
82) Benzo(a)anthracene	21.21	228	48907	2.279	ng/ul	98
84) Chrysene	21.26	228	98033	4.875	ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	92082	4.196	ng/ul#	95
88) Benzo(k)fluoranthene	22.77	252	92082	4.497	ng/ul#	97

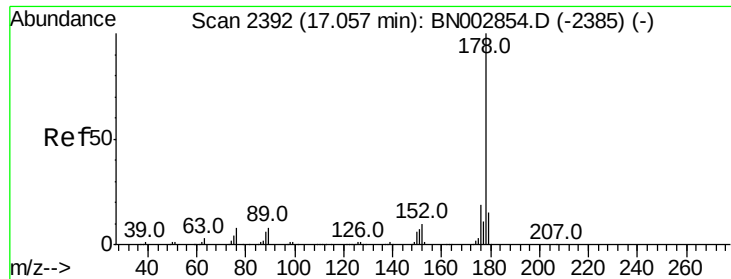
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 3.285 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

Instrument :

BNA_N

ClientSampleId :

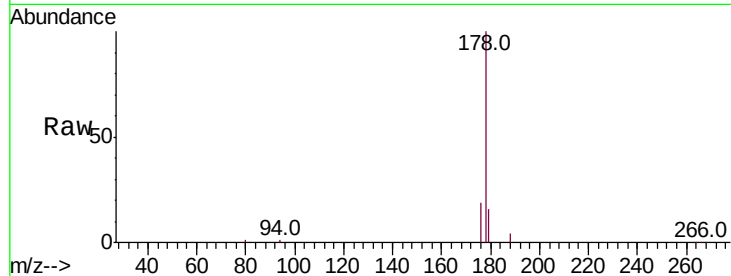
Tot Ion:178 Resp: 64617

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

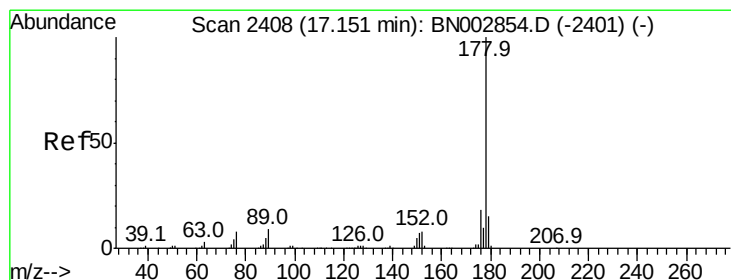
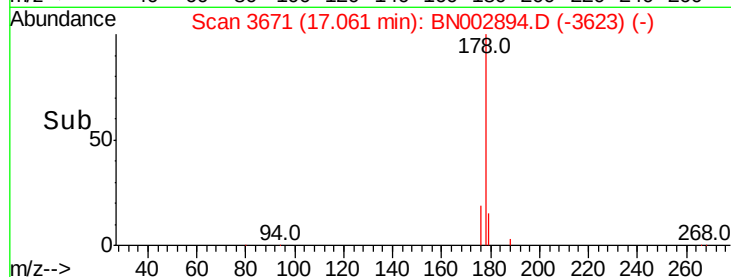
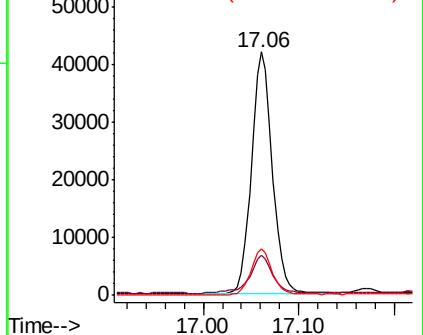
176 18.9 15.0 22.6



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



#71

Anthracene

Concen: 3.240 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.09 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

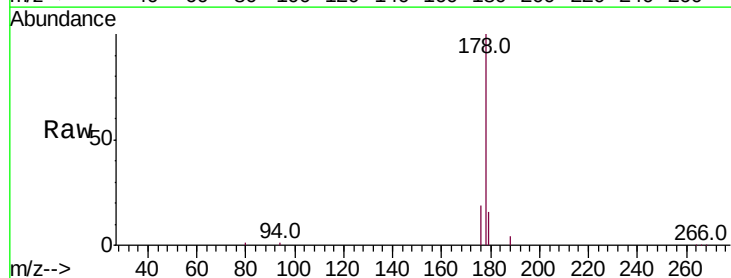
Tgt Ion:178 Resp: 64617

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

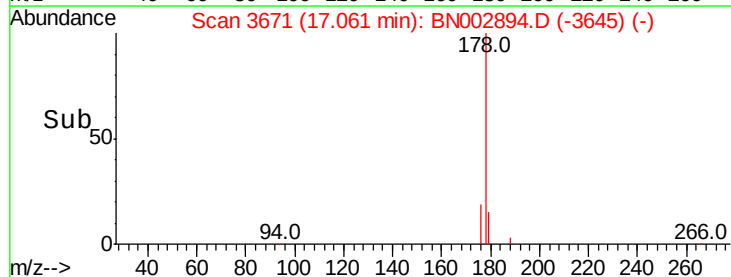
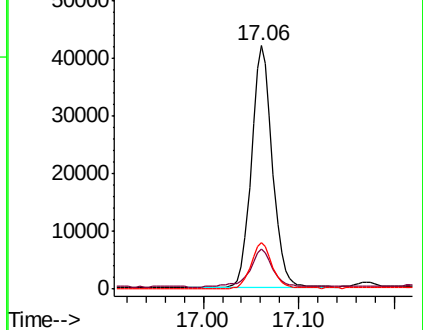
176 18.9 15.0 22.4

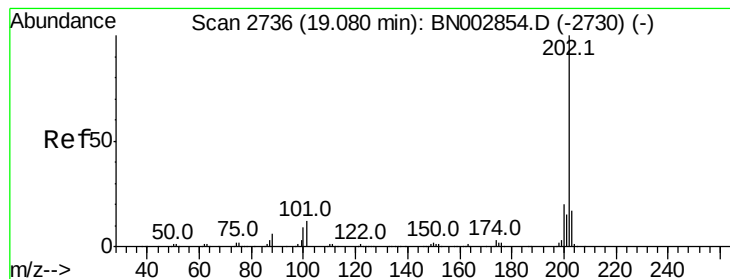


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 8.725 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. 0.01 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

Instrument :

BNA_N

ClientSampleId :

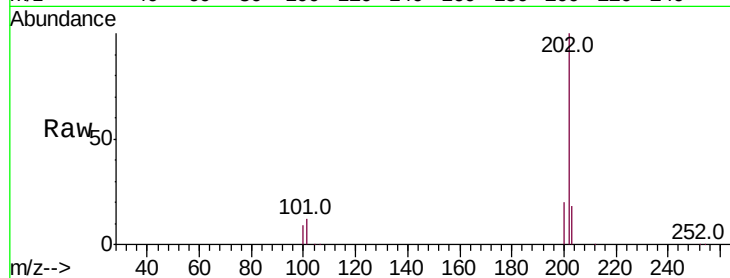
Tot Ion:202 Resp: 183049

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.2

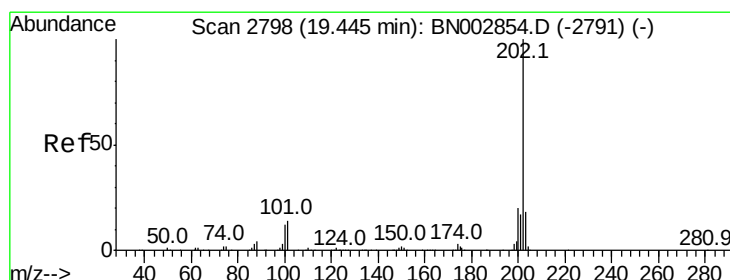
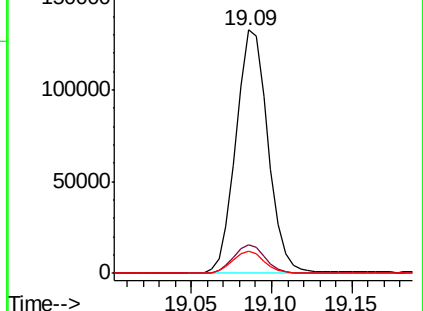
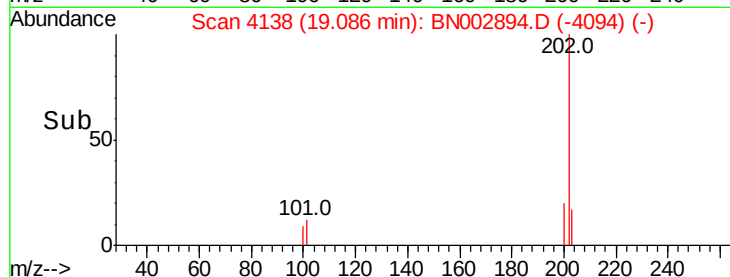
100 9.0 7.0 10.6



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



#79

Pyrene

Concen: 2.286 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. 0.01 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

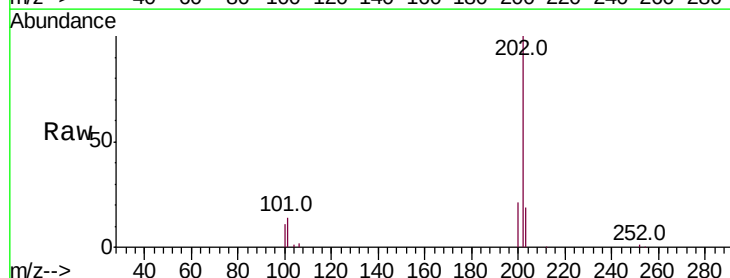
Tgt Ion:202 Resp: 52120

Ion Ratio Lower Upper

202 100

101 14.0 10.8 16.2

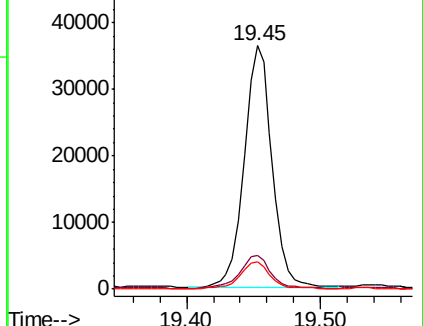
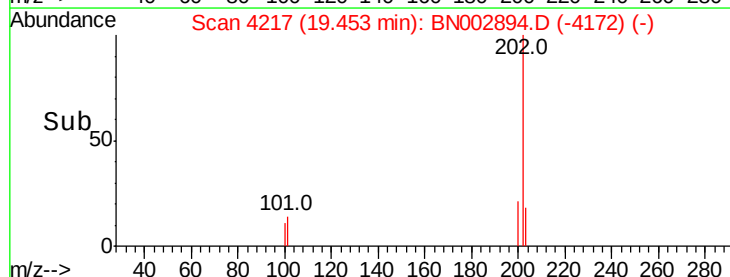
100 11.4 8.2 12.2

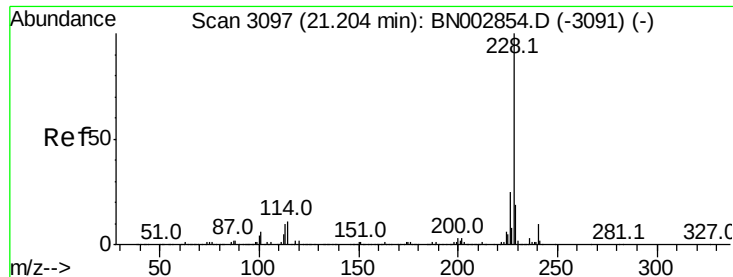


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

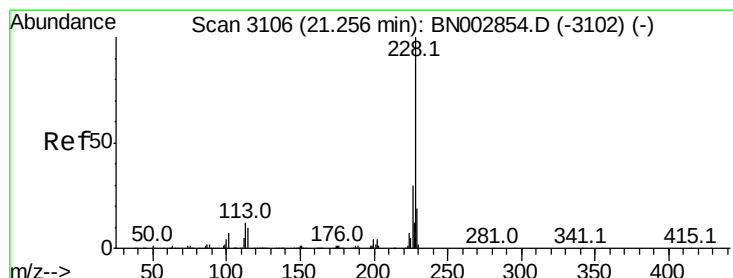
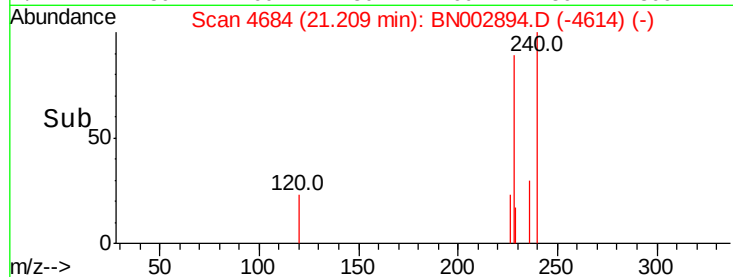
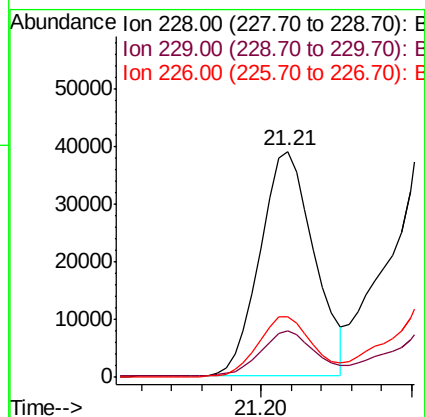
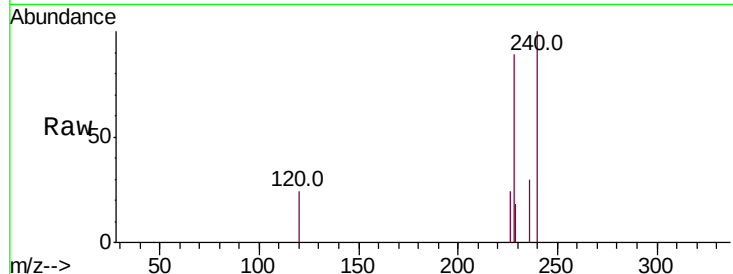




#82
Benzo(a)anthracene
Concen: 2.279 ng/ul
RT: 21.21 min Scan# 4684
Delta R.T. 0.01 min
Lab File: BN002894.D
Acq: 03 Oct 2018 11:11

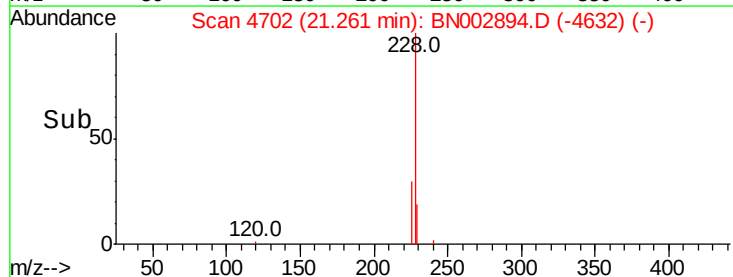
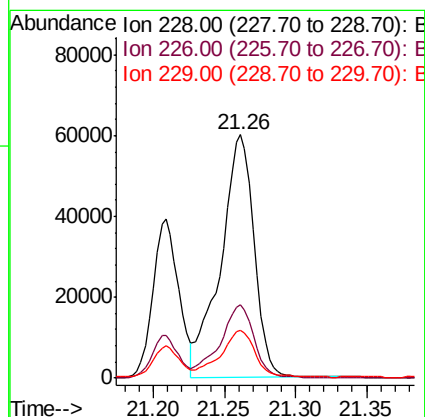
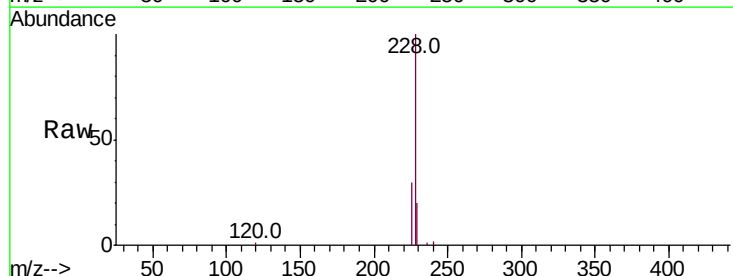
Instrument :
BNA_N
ClientSampleId :

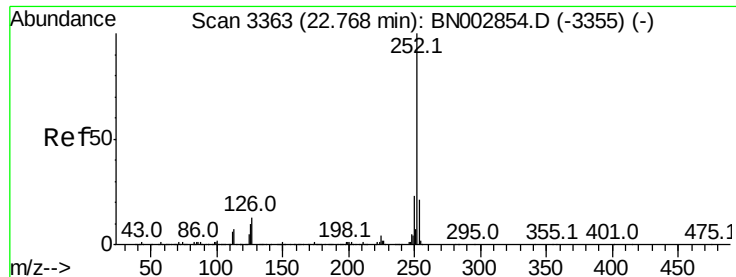
Tot Ion:228 Resp: 48907
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 26.9 20.9 31.3



#84
Chrysene
Concen: 4.875 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN002894.D
Acq: 03 Oct 2018 11:11

Tgt Ion:228 Resp: 98033
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.0
229 19.8 15.7 23.5





#87

Benzo(b)fluoranthene

Concen: 4.196 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. 0.01 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

Instrument :

BNA_N

ClientSampleId :

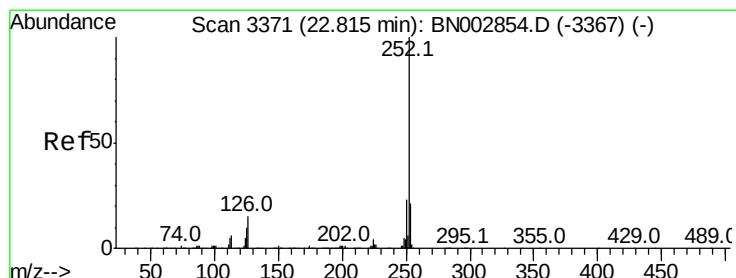
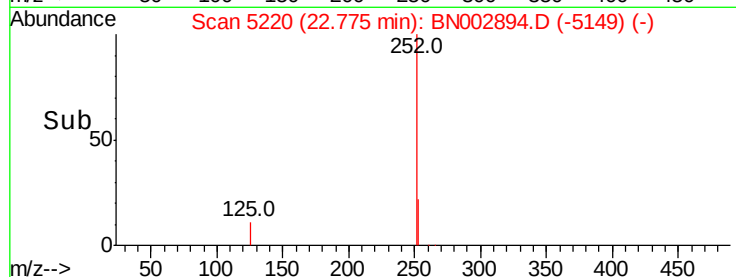
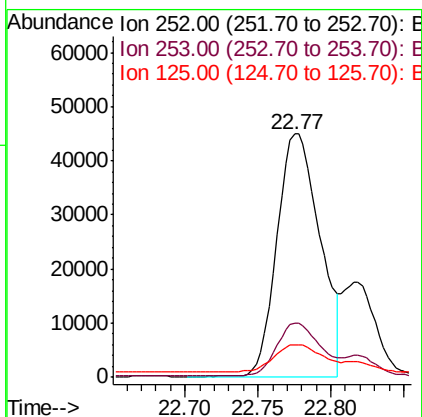
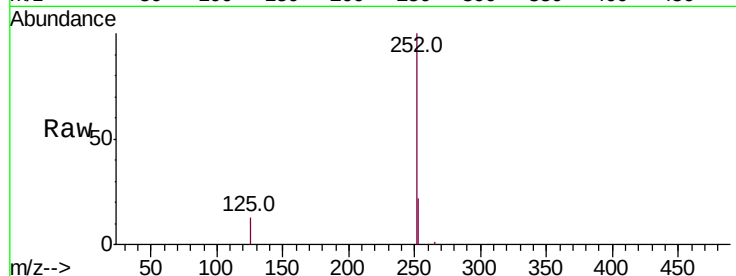
Tot Ion:252 Resp: 92082

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 13.3 8.0 12.0#



#88

Benzo(k)fluoranthene

Concen: 4.497 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. -0.04 min

Lab File: BN002894.D

Acq: 03 Oct 2018 11:11

Tgt Ion:252 Resp: 92082

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 13.3 8.3 12.5#

