

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\
 Data File : BN002893.D
 Acq On : 03 Oct 2018 10:36
 Operator : MJ/SJ
 Sample : J5123-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Quant Time: Oct 03 12:33:29 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	59274	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	241894	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	152216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	363608	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	373559	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	392378	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	0.00	166	0d	0.00	ng/ul
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul
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	0.00	188	0d	0.00	ng/ul
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul

Target Compounds

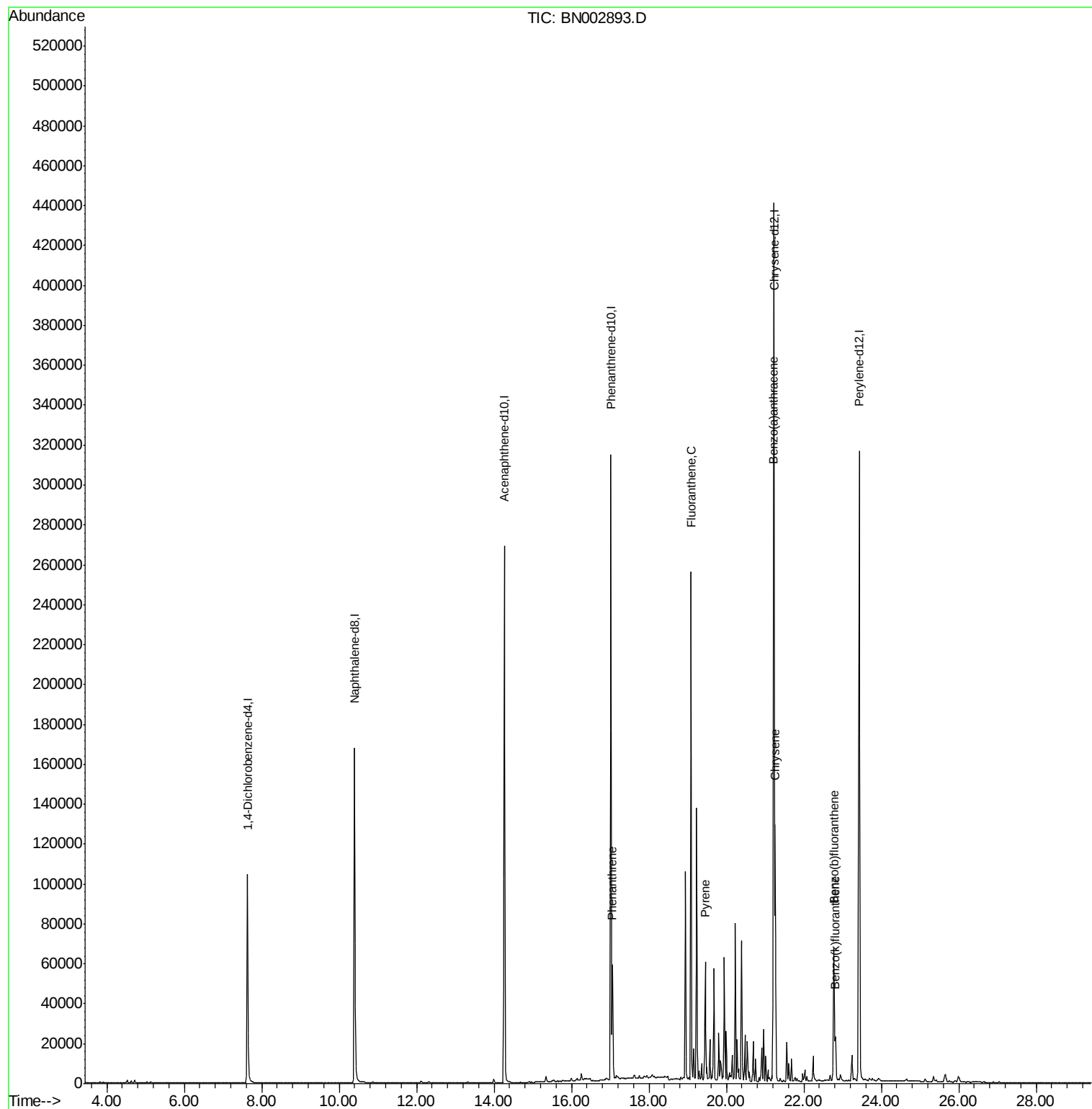
				Ovalue	
69) Phenanthrene	17.06	178	64530	3.221	ng/ul 99
76) Fluoranthene	19.09	202	217599	10.182	ng/ul 99
79) Pyrene	19.45	202	51492	2.085	ng/ul 99
82) Benzo(a)anthracene	21.21	228	60769	2.615	ng/ul 99
84) Chrysene	21.26	228	115086	5.284	ng/ul 97
87) Benzo(b)fluoranthene	22.77	252	96204	4.015	ng/ul# 97
88) Benzo(k)fluoranthene	22.81	252	28816m	1.289	ng/ul

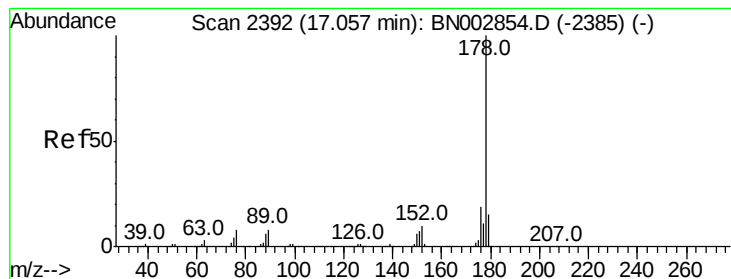
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#69

Phenanthrene

Concen: 3.221 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

Instrument :

BNA_N

ClientSampleId :

C0B52

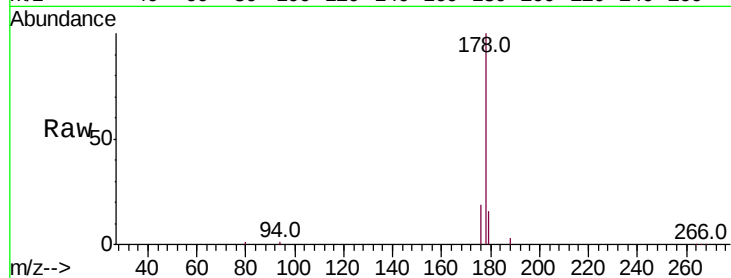
Tot Ion:178 Resp: 64530

Ion Ratio Lower Upper

178 100

179 16.2 12.2 18.4

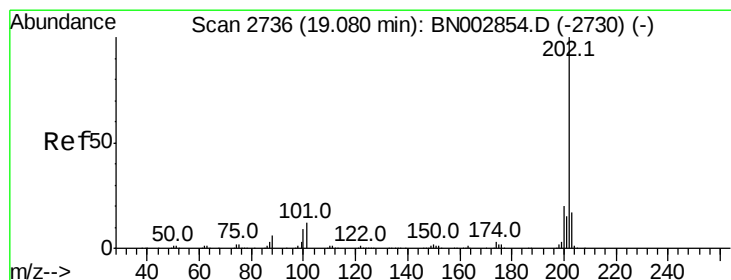
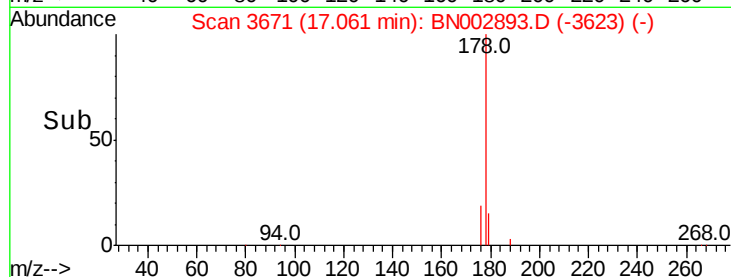
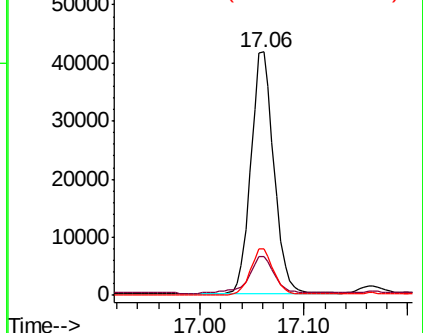
176 18.9 15.0 22.6



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



#76

Fluoranthene

Concen: 10.182 ng/ul

RT: 19.09 min Scan# 4138

Delta R.T. 0.01 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

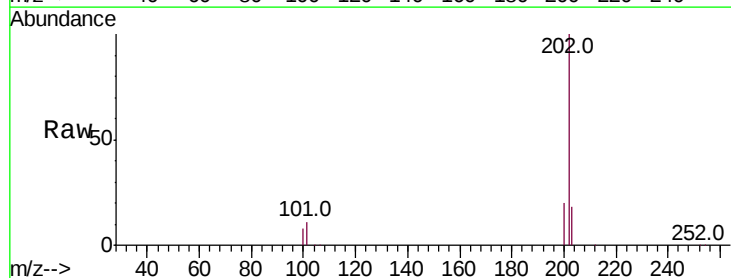
Tgt Ion:202 Resp: 217599

Ion Ratio Lower Upper

202 100

101 11.4 9.4 14.2

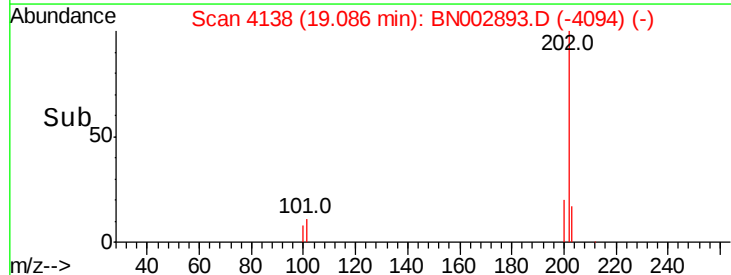
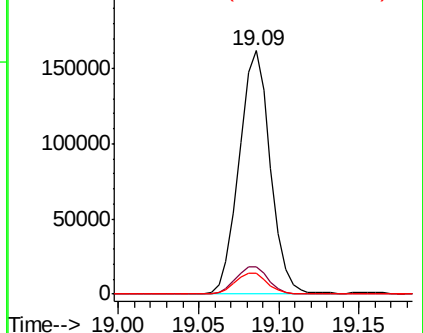
100 8.4 7.0 10.6

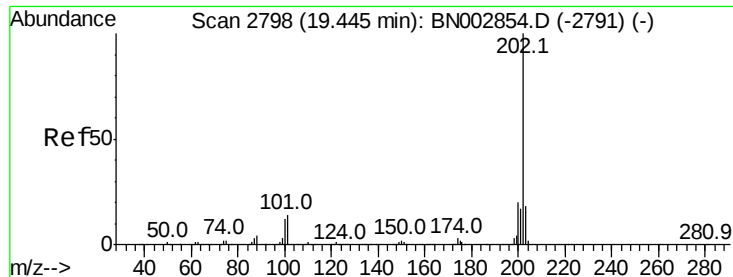


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 2.085 ng/ul

RT: 19.45 min Scan# 4217

Delta R.T. 0.01 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

Instrument :

BNA_N

ClientSampleId :

C0B52

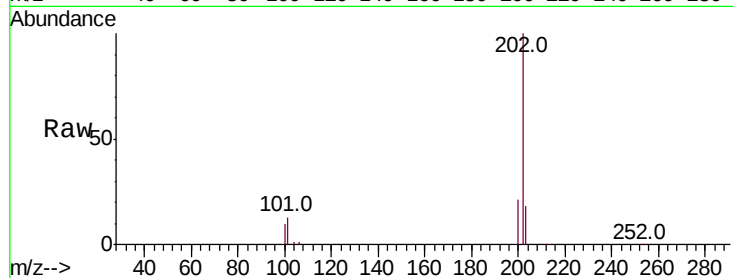
Tot Ion:202 Resp: 51492

Ion Ratio Lower Upper

202 100

101 12.9 10.8 16.2

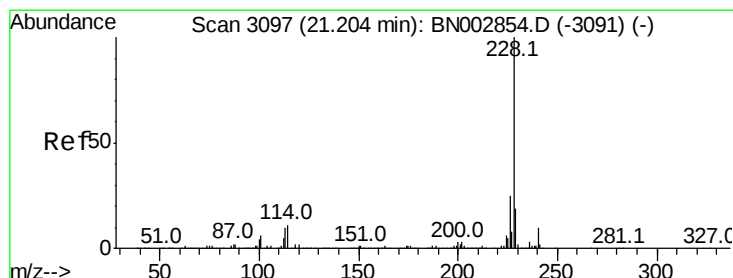
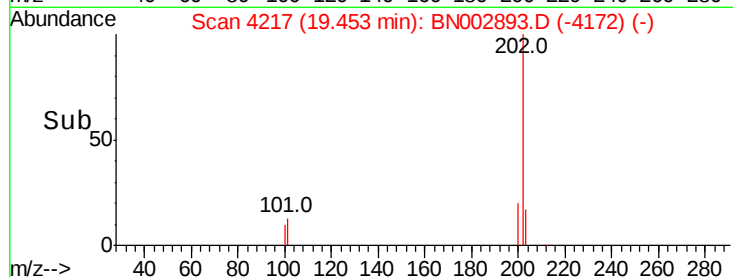
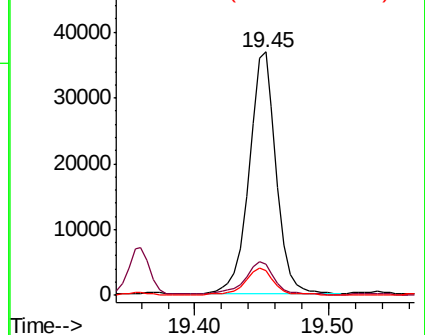
100 10.3 8.2 12.2



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: 2.615 ng/ul

RT: 21.21 min Scan# 4684

Delta R.T. 0.00 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

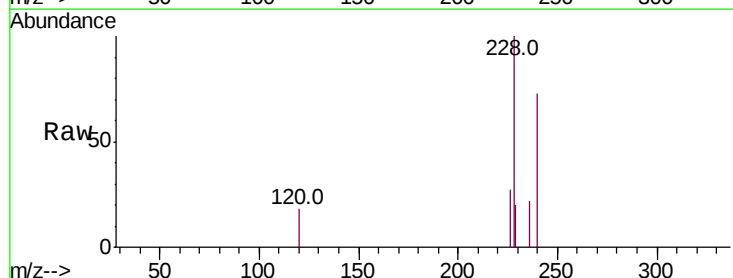
Tgt Ion:228 Resp: 60769

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

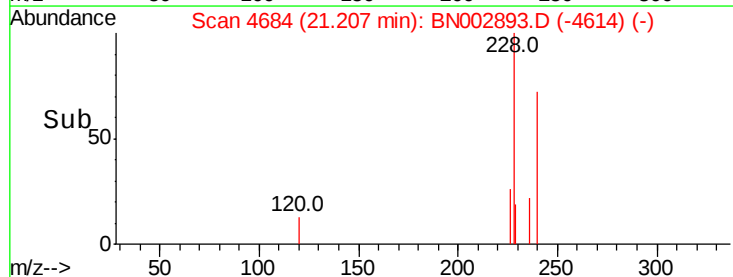
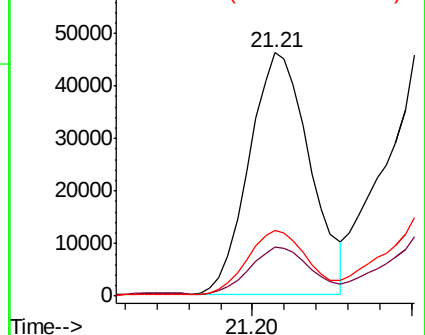
226 27.1 20.9 31.3

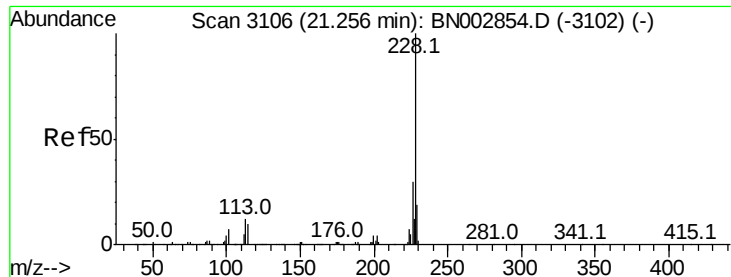


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 5.284 ng/ul

RT: 21.26 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

Instrument :

BNA_N

ClientSampleId :

C0B52

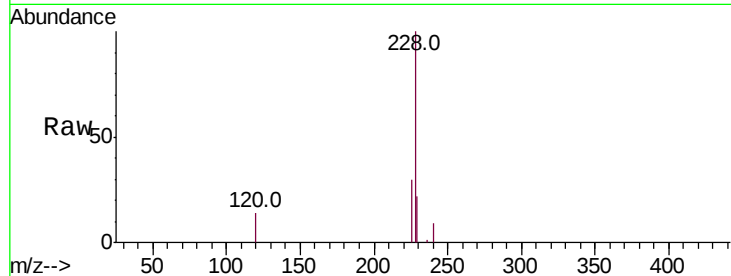
Tot Ion:228 Resp: 115086

Ion Ratio Lower Upper

228 100

226 30.2 23.4 35.0

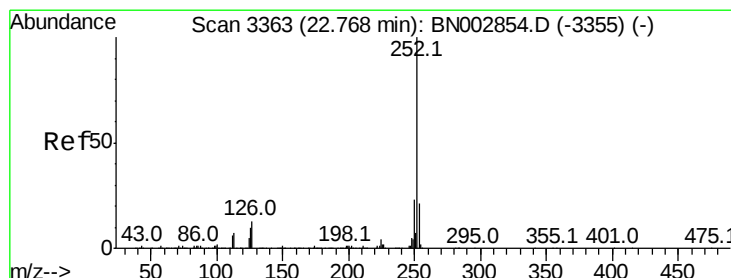
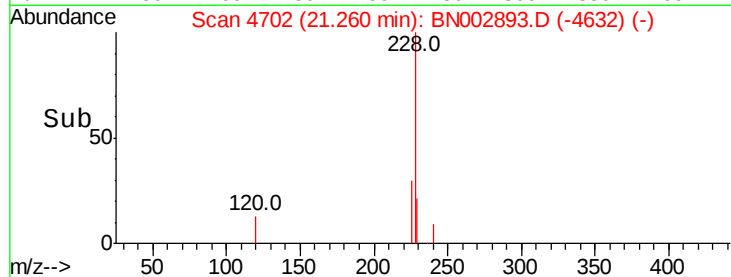
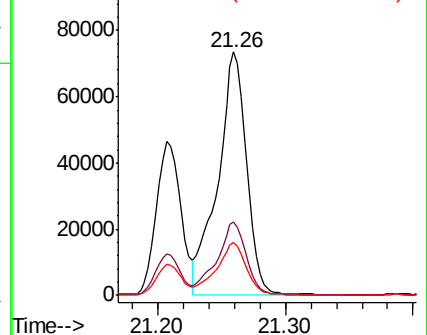
229 21.6 15.7 23.5



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



#87

Benzo(b)fluoranthene

Concen: 4.015 ng/ul

RT: 22.77 min Scan# 5220

Delta R.T. 0.01 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

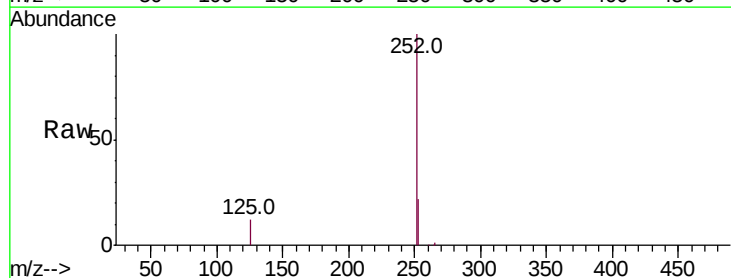
Tgt Ion:252 Resp: 96204

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

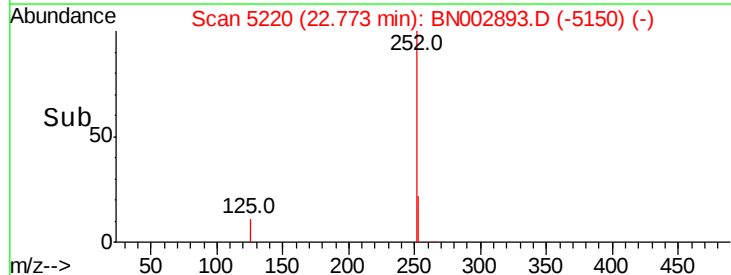
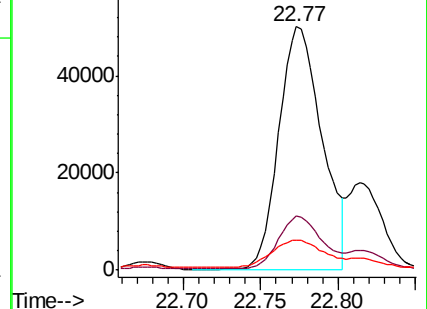
125 12.4 8.0 12.0#

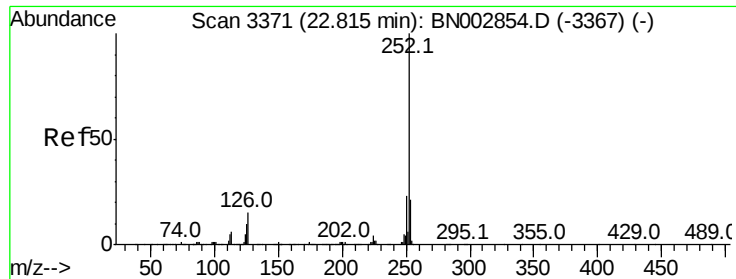


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.289 ng/ul m

RT: 22.81 min Scan# 5234

Delta R.T. -0.00 min

Lab File: BN002893.D

Acq: 03 Oct 2018 10:36

Instrument :

BNA_N

ClientSampleId :

C0B52

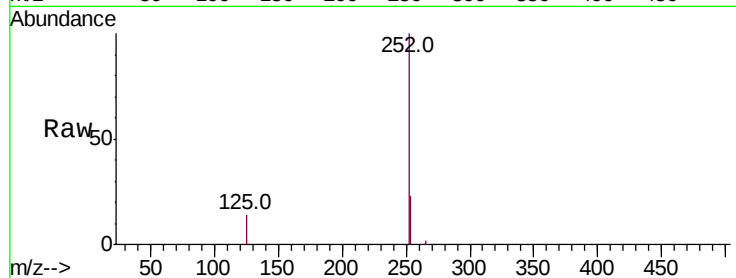
Tot Ion:252 Resp: 28816

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 13.5 8.3 12.5#



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

