

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100318\
 Data File : BN002892.D
 Acq On : 03 Oct 2018 10:00
 Operator : MJ/SJ
 Sample : J5123-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 03 12:10:24 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	66460	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	257172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	152377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	356039	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	323441	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	324122	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	1	0.00	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	37	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	356039	20.95	ng/ul	-0.10
78) Pyrene-d10	19.43	212	13	0.00	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.43	264	322217	18.89	ng/ul	0.15

Target Compounds

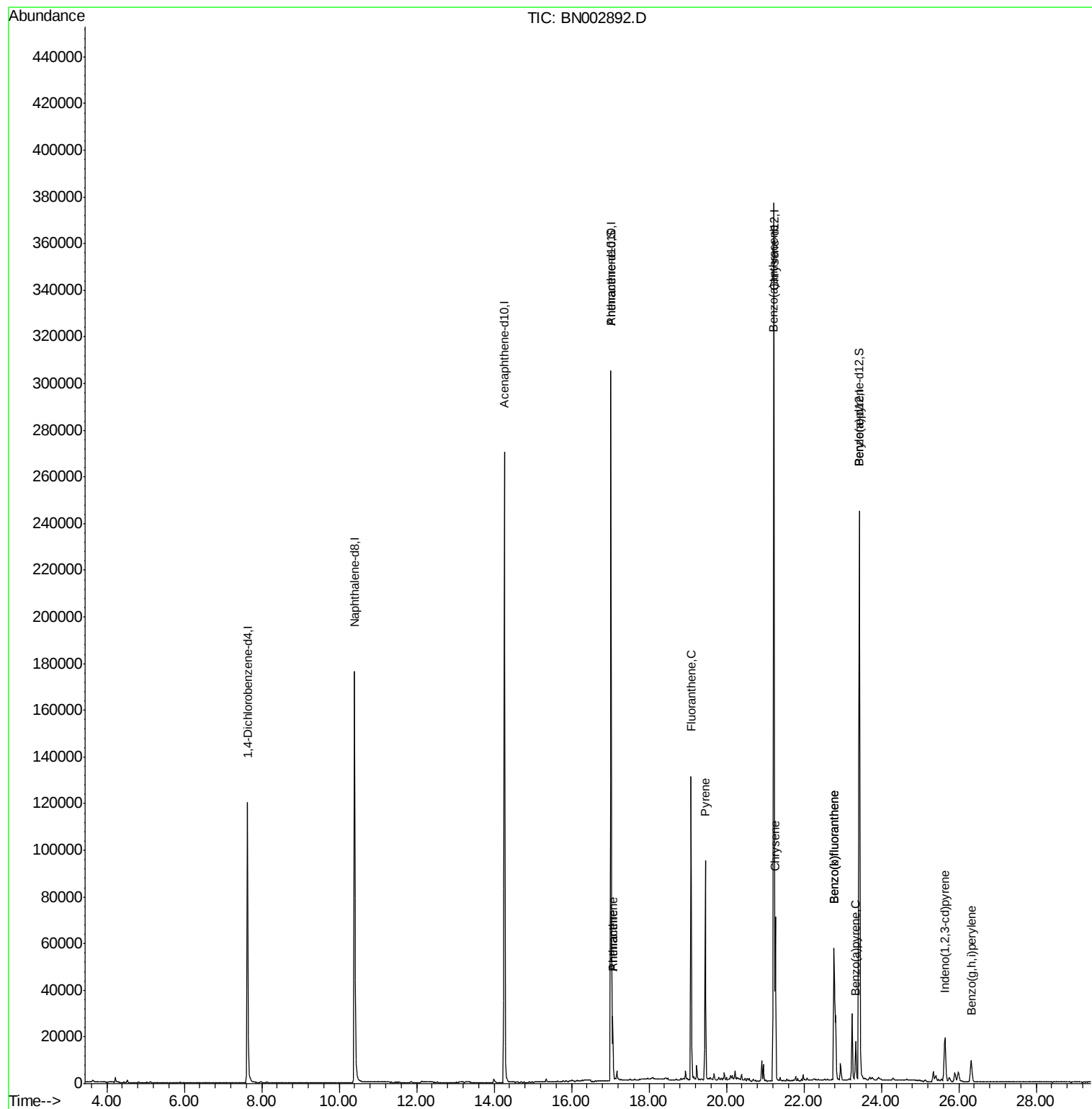
					Ovalue	
69) Phenanthrene	17.06	178	29494	1.504	ng/ul	98
71) Anthracene	17.06	178	29494	1.483	ng/ul	98
76) Fluoranthene	19.09	202	114002	5.448	ng/ul	99
79) Pyrene	19.45	202	82007	3.835	ng/ul	98
82) Benzo(a)anthracene	21.21	228	58068	2.886	ng/ul	98
84) Chrysene	21.26	228	68558	3.635	ng/ul	99
87) Benzo(b)fluoranthene	22.78	252	92318	4.664	ng/ul#	96
88) Benzo(k)fluoranthene	22.78	252	92318	4.999	ng/ul#	98
90) Benzo(a)pyrene	23.34	252	22333	1.193	ng/ul#	91
91) Indeno(1,2,3-cd)pyrene	25.64	276	28788	1.299	ng/ul	98
93) Benzo(g,h,i)perylene	26.32	276	19846	1.072	ng/ul	97

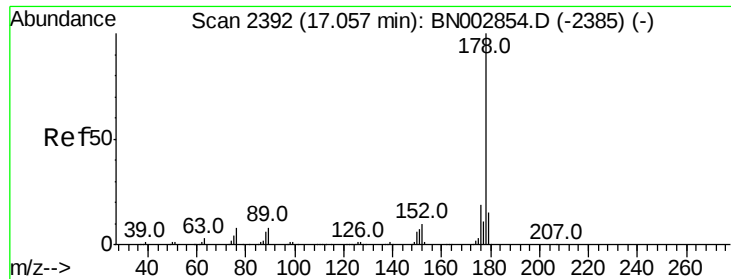
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.504 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. 0.00 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

Instrument :

BNA_N

ClientSampleId :

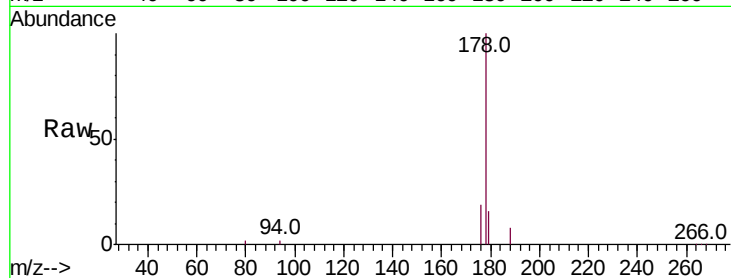
Tot Ion:178 Resp: 29494

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

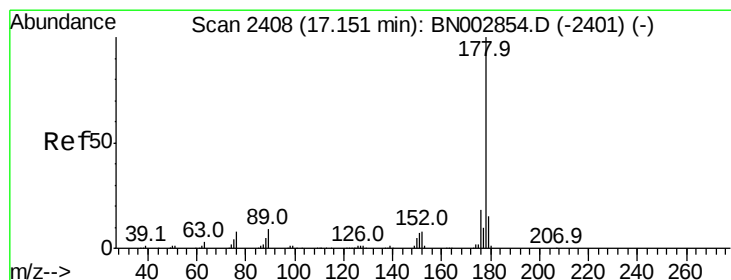
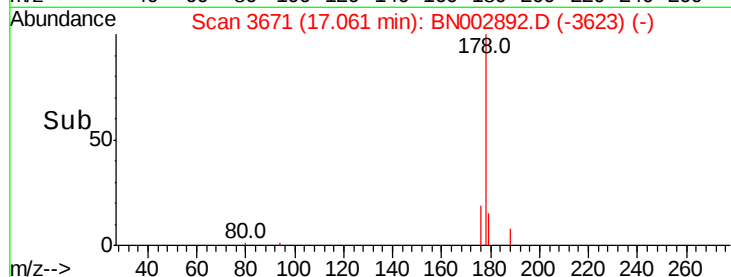
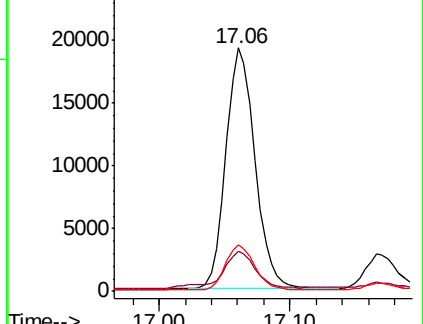
176 19.3 15.0 22.6



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: 1.483 ng/ul

RT: 17.06 min Scan# 3671

Delta R.T. -0.09 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

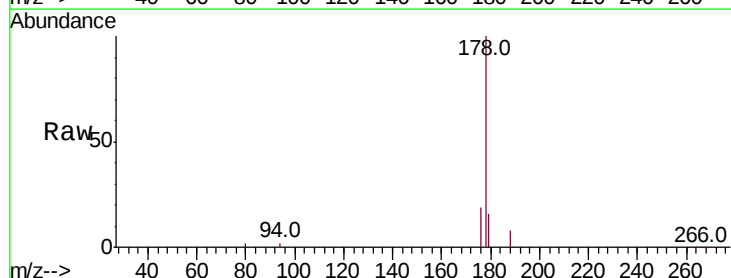
Tgt Ion:178 Resp: 29494

Ion Ratio Lower Upper

178 100

179 16.3 12.0 18.0

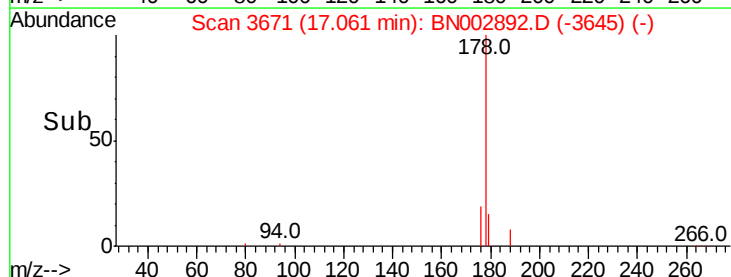
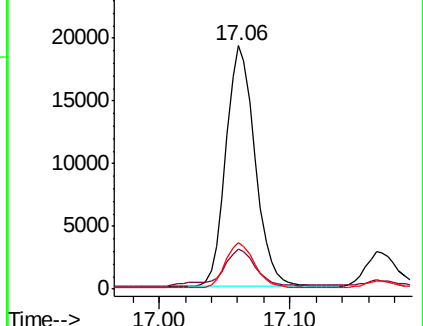
176 19.3 15.0 22.4

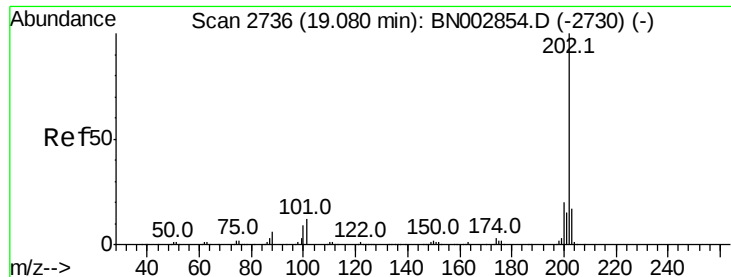


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

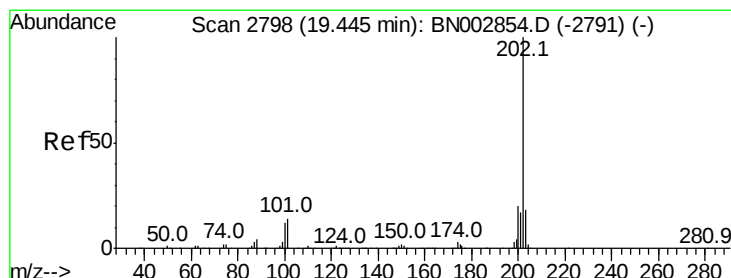
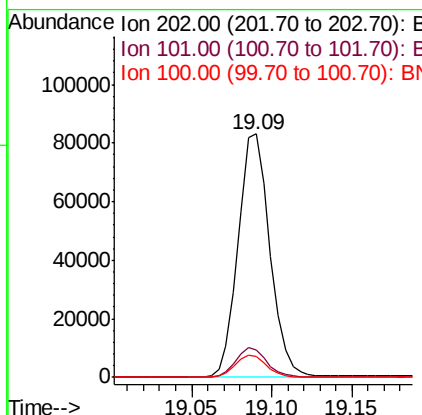
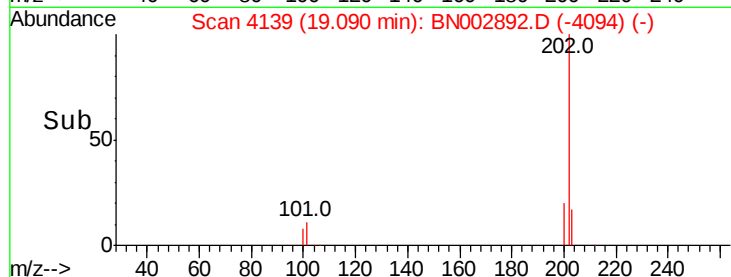
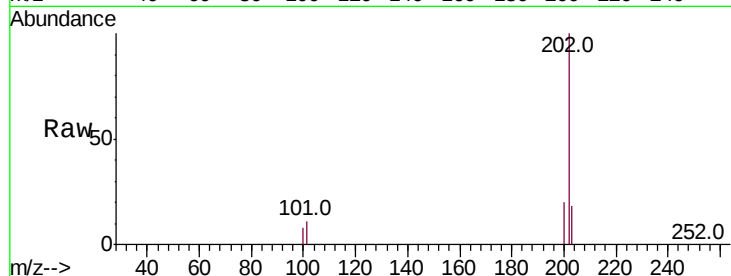




#76
Fluoranthene
Concen: 5.448 ng/ul
RT: 19.09 min Scan# 4139
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

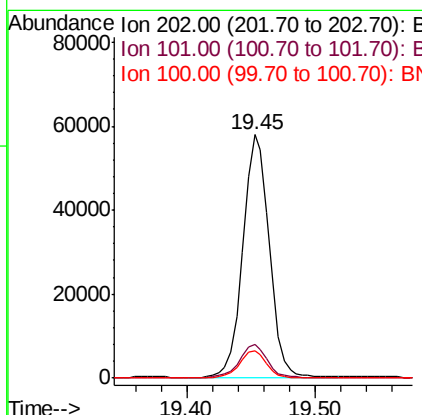
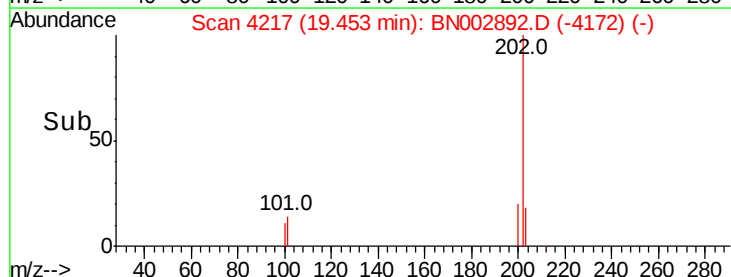
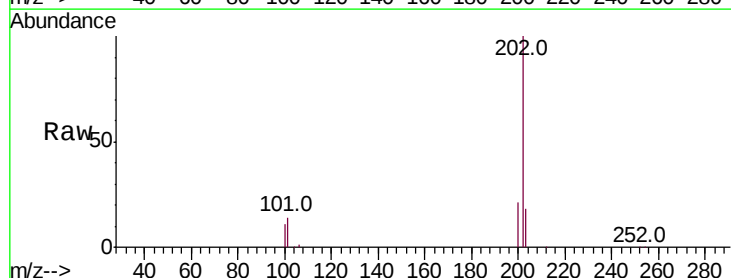
Instrument :
BNA_N
ClientSampled :

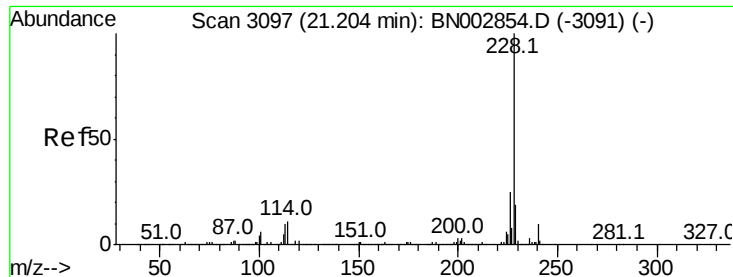
Tot Ion:202 Resp: 114002
Ion Ratio Lower Upper
202 100
101 11.2 9.4 14.2
100 8.4 7.0 10.6



#79
Pyrene
Concen: 3.835 ng/ul
RT: 19.45 min Scan# 4217
Delta R.T. 0.01 min
Lab File: BN002892.D
Acq: 03 Oct 2018 10:00

Tgt Ion:202 Resp: 82007
Ion Ratio Lower Upper
202 100
101 13.9 10.8 16.2
100 11.0 8.2 12.2





#82

Benzo(a)anthracene

Concen: 2.886 ng/ul

RT: 21.21 min Scan# 4685

Delta R.T. 0.01 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

Instrument :

BNA_N

ClientSampleId :

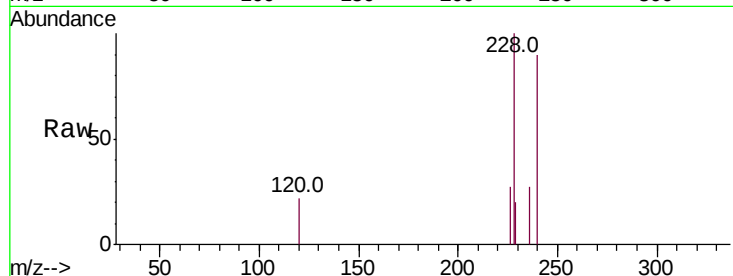
Tot Ion:228 Resp: 58068

Ion Ratio Lower Upper

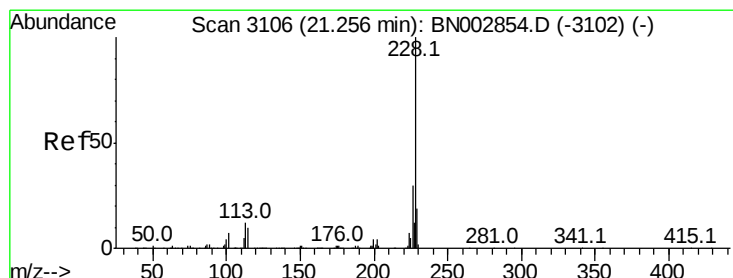
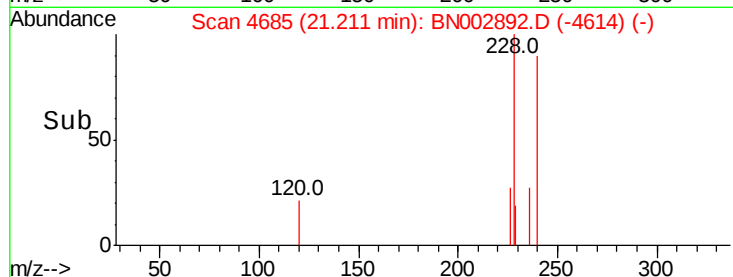
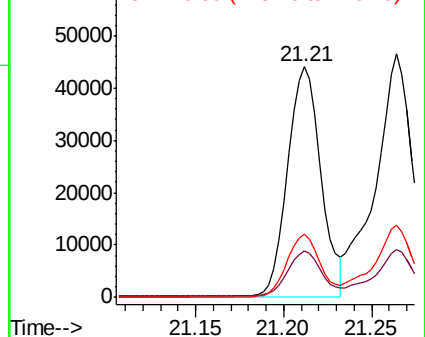
228 100

229 20.1 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: 3.635 ng/ul

RT: 21.26 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

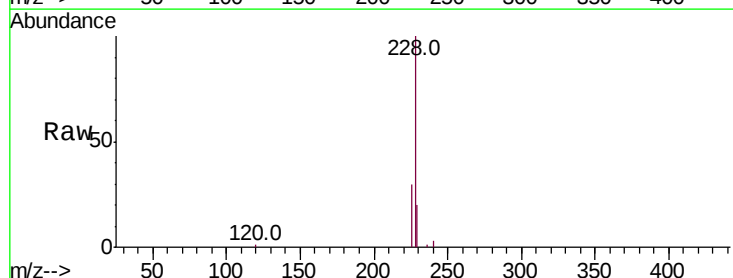
Tgt Ion:228 Resp: 68558

Ion Ratio Lower Upper

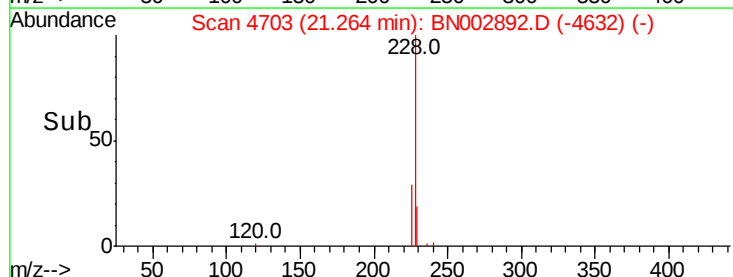
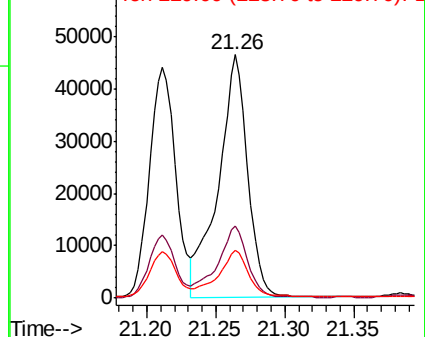
228 100

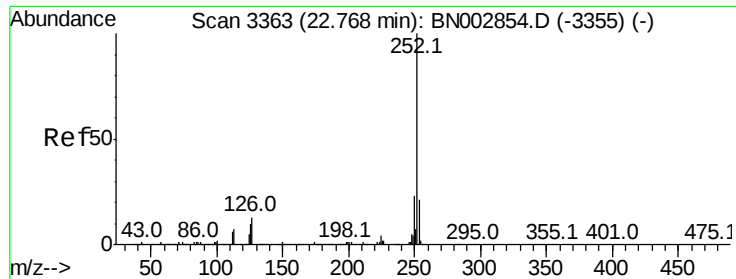
226 29.6 23.4 35.0

229 19.6 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: 4.664 ng/uL

RT: 22.78 min Scan# 5222

Delta R.T. 0.01 min

Lab File: BN002892.D

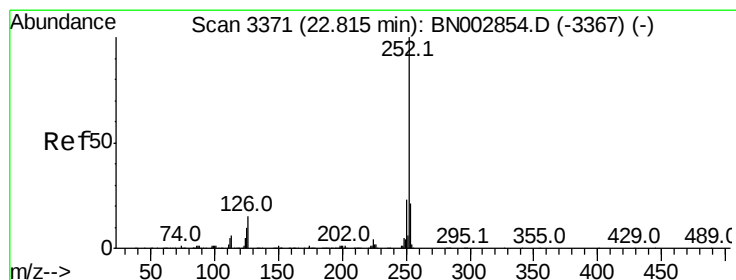
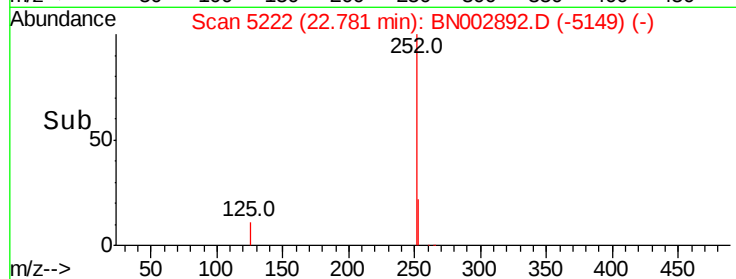
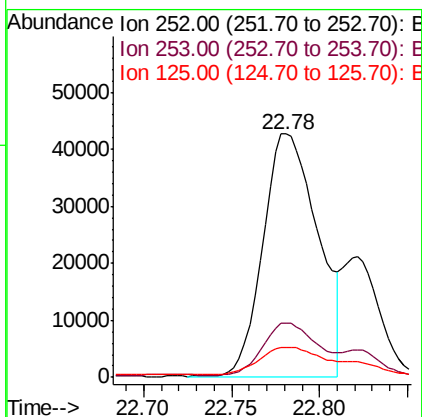
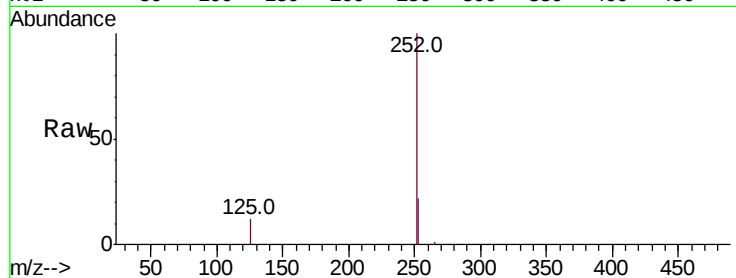
Acq: 03 Oct 2018 10:00

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252	Resp:	92318
Ion Ratio	Lower	Upper
252 100		
253 22.2	17.0	25.4
125 12.5	8.0	12.0#



#88

Benzo(k)fluoranthene

Concen: 4.999 ng/uL

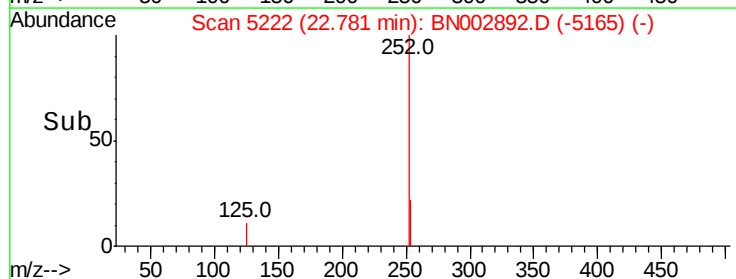
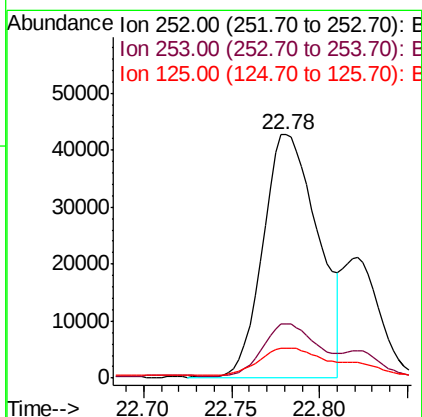
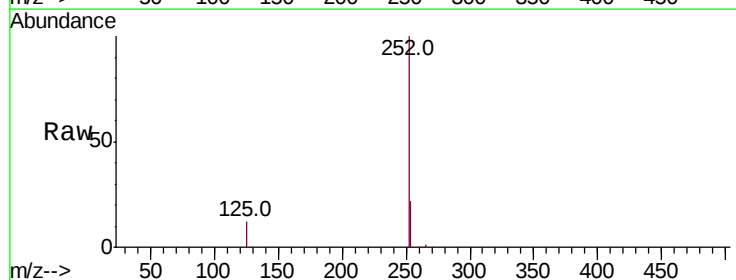
RT: 22.78 min Scan# 5222

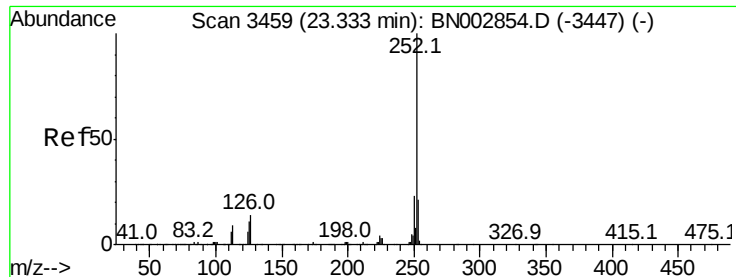
Delta R.T. -0.03 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

Tgt Ion:252	Resp:	92318
Ion Ratio	Lower	Upper
252 100		
253 22.2	17.8	26.8
125 12.5	8.3	12.5#





#90

Benzo(a)pyrene

Concen: 1.193 ng/ul

RT: 23.34 min Scan# 5413

Delta R.T. 0.01 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

Instrument :

BNA_N

ClientSampled :

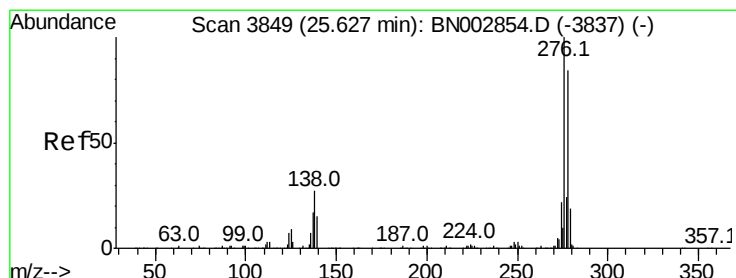
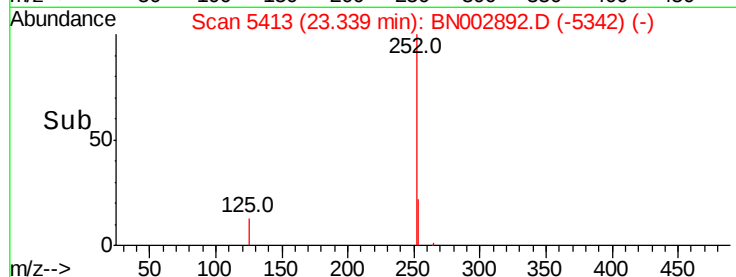
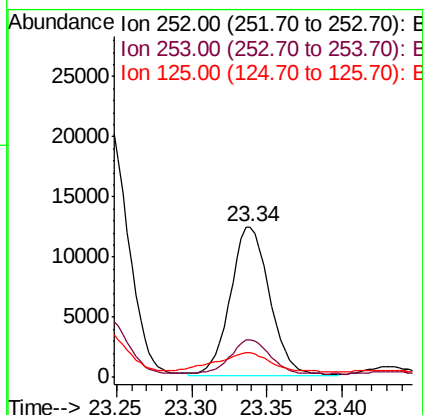
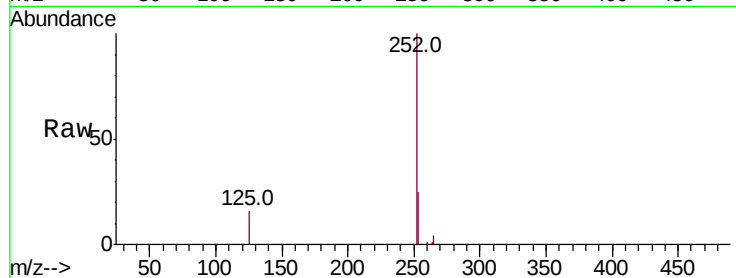
Tot Ion:252 Resp: 22333

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 16.1 8.8 13.2#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.299 ng/ul

RT: 25.64 min Scan# 6173

Delta R.T. 0.02 min

Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

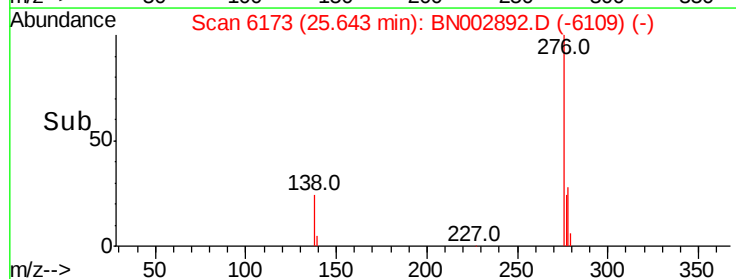
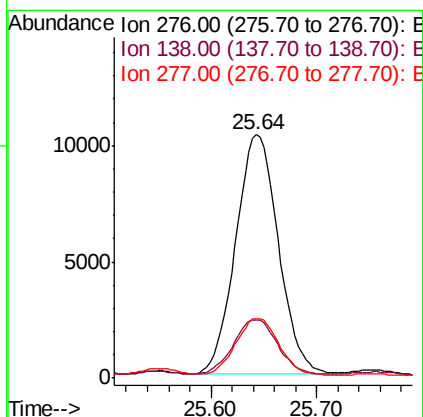
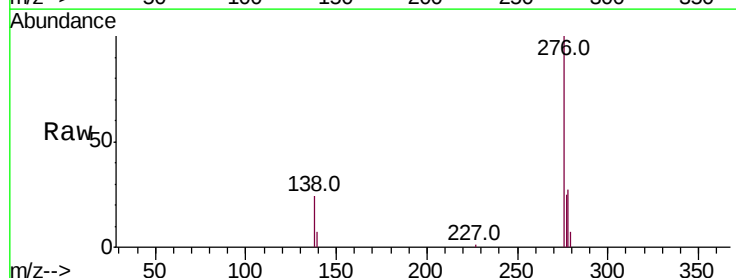
Tgt Ion:276 Resp: 28788

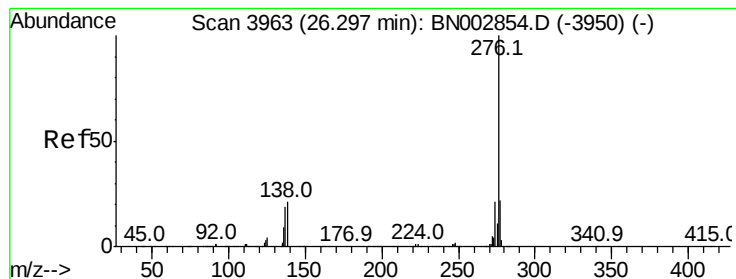
Ion Ratio Lower Upper

276 100

138 24.0 20.2 30.4

277 24.5 20.0 30.0





#93

Benzo(a,h,i)perylene

Concen: 1.072 ng/ul

RT: 26.32 min Scan# 6375

Delta R.T. 0.02 min

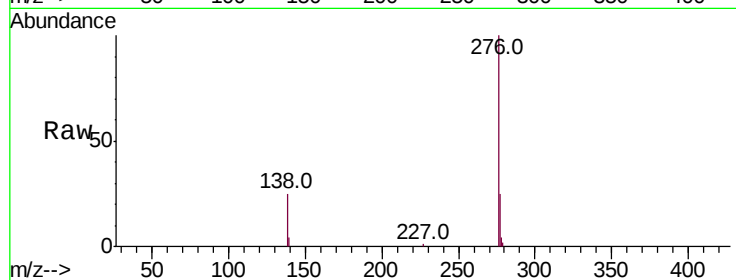
Lab File: BN002892.D

Acq: 03 Oct 2018 10:00

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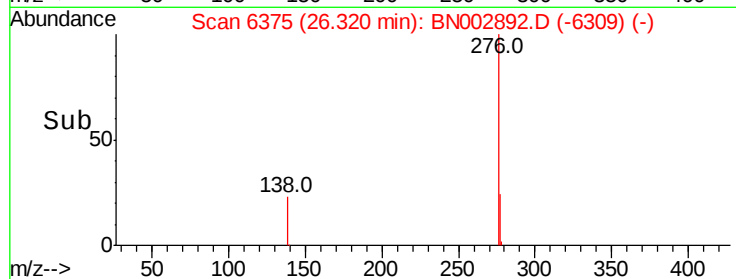
Tot Ion:276 Resp: 19846

Ion Ratio Lower Upper

276 100

138 24.7 18.2 27.2

277 24.6 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

