

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010060.D
 Acq On : 03 Mar 2020 14:03
 Operator : CG/JU
 Sample : L1507-22DL 30X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD20DL

Quant Time: Mar 03 15:08:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	49995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	211889	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	149633	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	337499	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	318554	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	372094	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	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

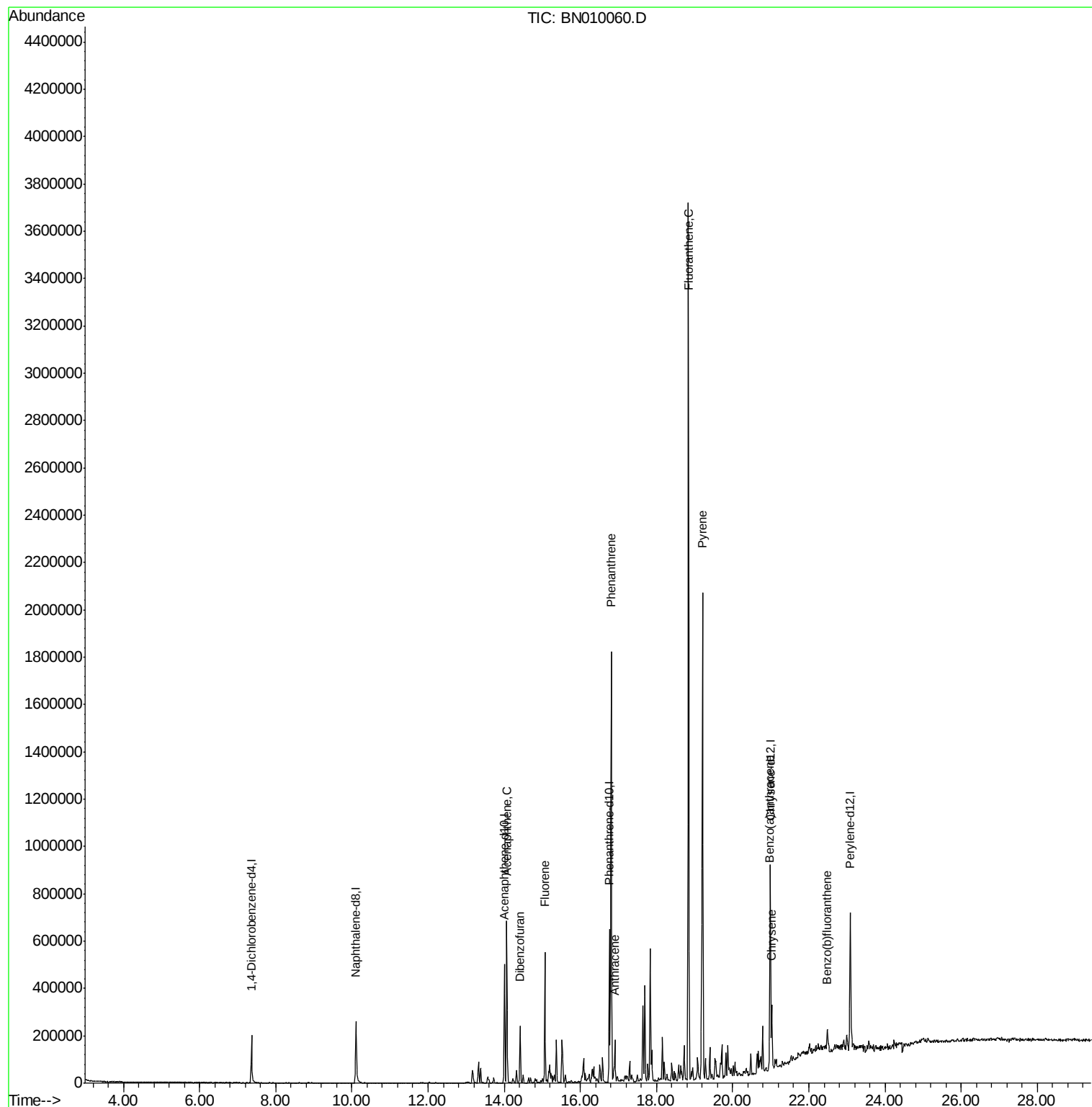
					Ovalue	
50) Acenaphthene	14.07	153	245052	25.090	ng/ul	98
54) Dibenzofuran	14.42	168	126646	9.238	ng/ul	98
59) Fluorene	15.07	166	219487	19.078	ng/ul	97
70) Phenanthrene	16.81	178	980937	50.928	ng/ul	99
72) Anthracene	16.90	178	112259	5.701	ng/ul	97
77) Fluoranthene	18.84	202	2036198	90.250	ng/ul	97
80) Pyrene	19.20	202	1212555	52.797	ng/ul	95
83) Benzo(a)anthracene	20.97	228	159935	7.306	ng/ul	98
85) Chrysene	21.03	228	138429	6.423	ng/ul	99
88) Benzo(b)fluoranthene	22.48	252	54746	2.269	ng/ul#	92

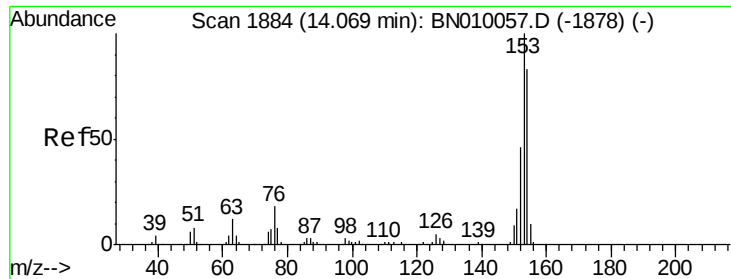
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration





#50

Acenaphthene

Concen: 25.090 ng/ul

RT: 14.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Instrument :

BNA_N

ClientSampleId :

DBD20DL

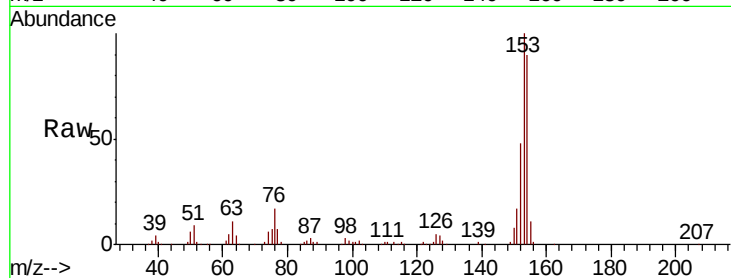
Tot Ion:153 Resp: 245052

Ion Ratio Lower Upper

153 100

152 47.6 36.6 54.8

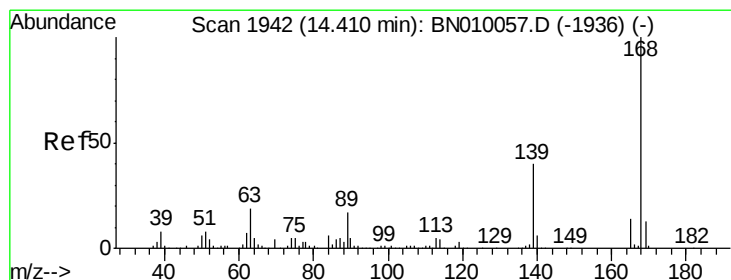
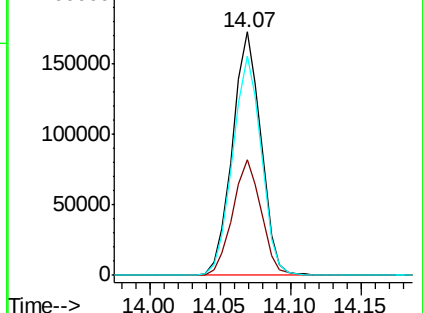
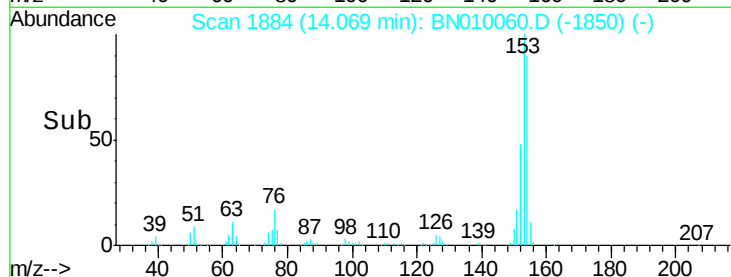
154 89.9 70.6 106.0



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



#54

Dibenzofuran

Concen: 9.238 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. 0.01 min

Lab File: BN010060.D

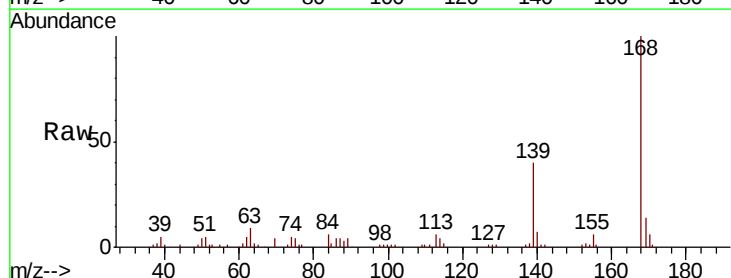
Acq: 03 Mar 2020 14:03

Tgt Ion:168 Resp: 126646

Ion Ratio Lower Upper

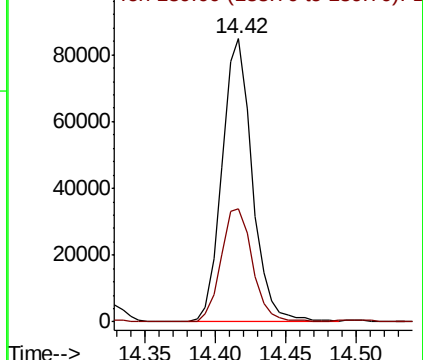
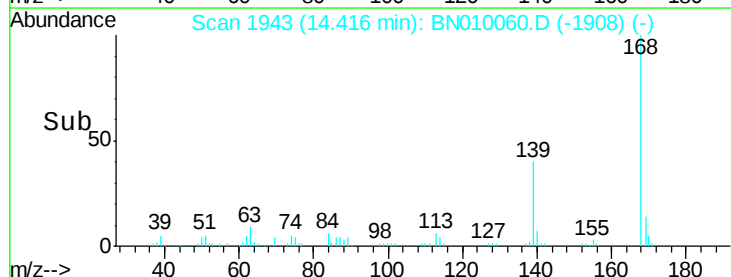
168 100

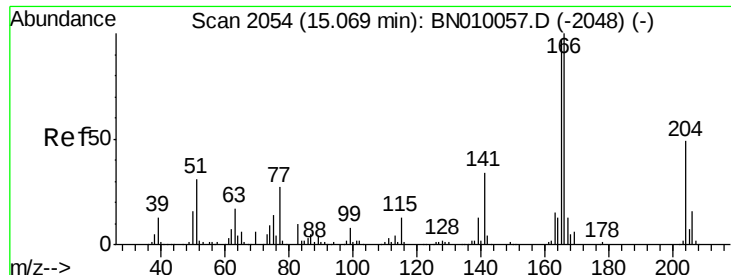
139 39.9 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 19.078 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Instrument :

BNA_N

ClientSampleId :

DBD20DL

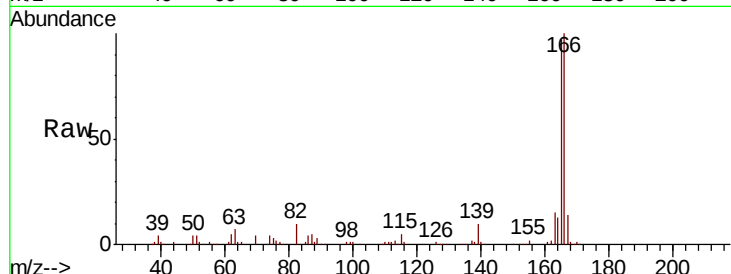
Tot Ion:166 Resp: 219487

Ion Ratio Lower Upper

166 100

165 96.6 79.8 119.8

167 14.0 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.07

200000

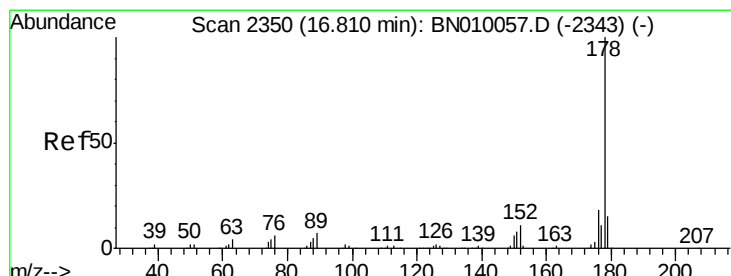
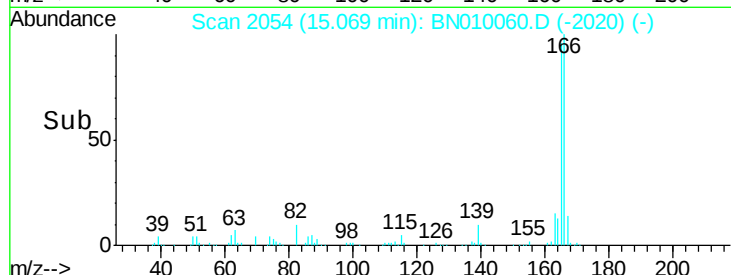
150000

100000

50000

0

Time--> 15.00 15.05 15.10



#70

Phenanthrene

Concen: 50.928 ng/ul

RT: 16.81 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

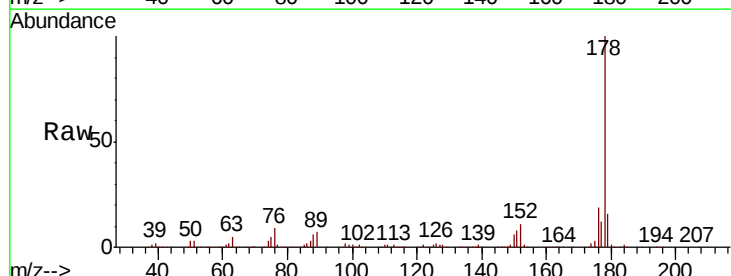
Tgt Ion:178 Resp: 980937

Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 19.3 14.6 22.0



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

16.81

800000

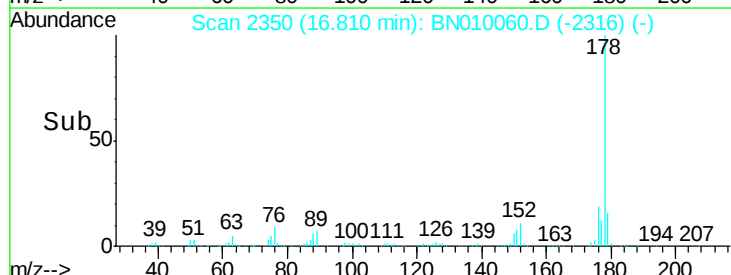
600000

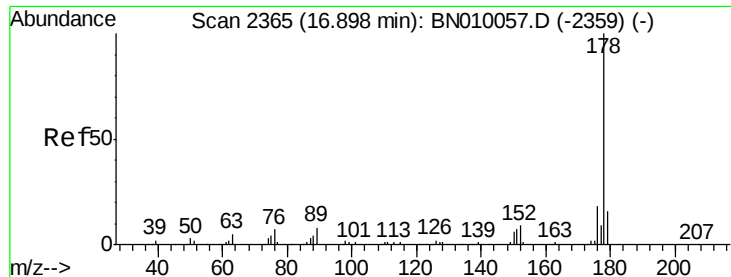
400000

200000

0

Time--> 16.75 16.80 16.85





#72

Anthracene

Concen: 5.701 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Instrument :

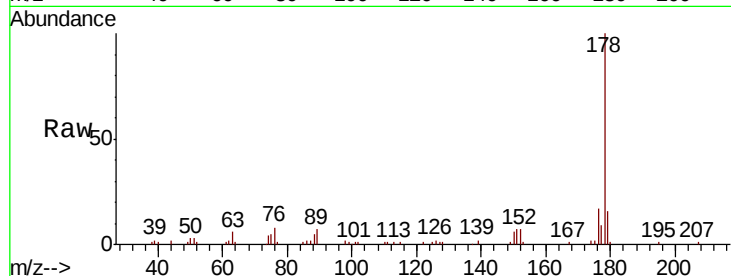
BNA_N

ClientSampleId :

DBD20DL

Tot Ion:178 Resp: 112259

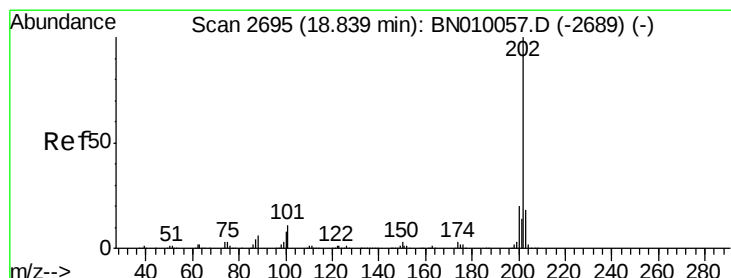
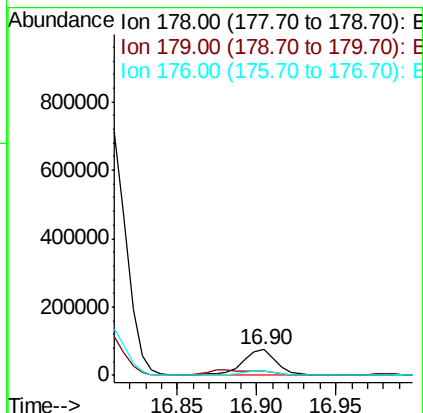
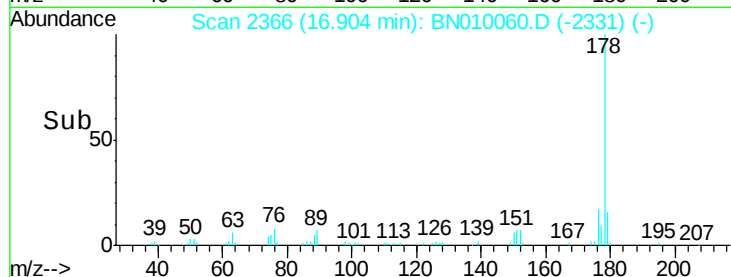
Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	16.6	14.6	21.8



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



#77

Fluoranthene

Concen: 90.250 ng/ul

RT: 18.84 min Scan# 2695

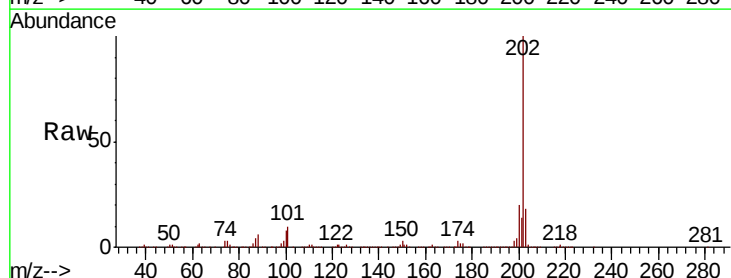
Delta R.T. 0.00 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Tgt Ion:202 Resp: 2036198

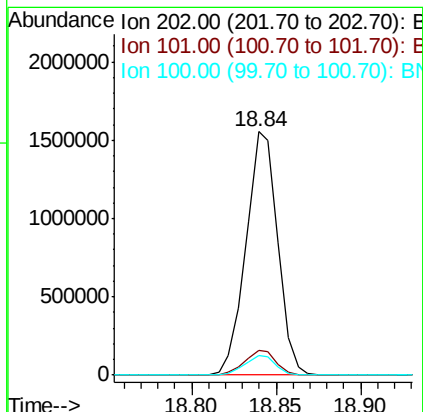
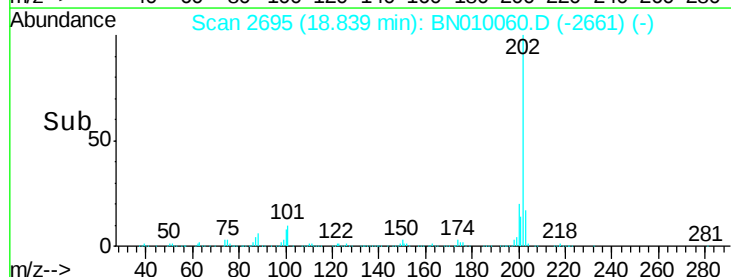
Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.4	14.2
100	8.3	7.2	10.8

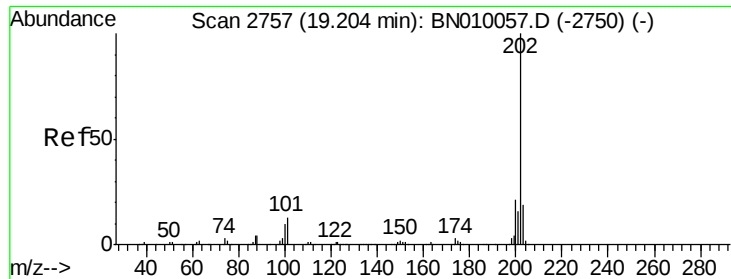


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

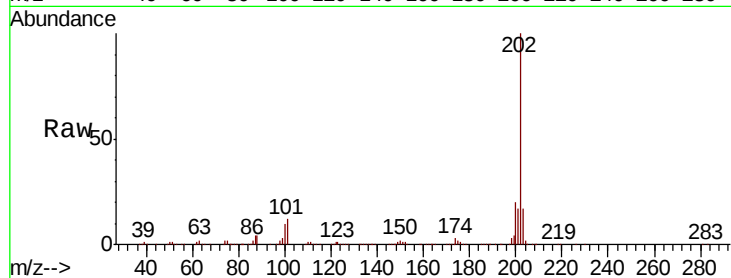




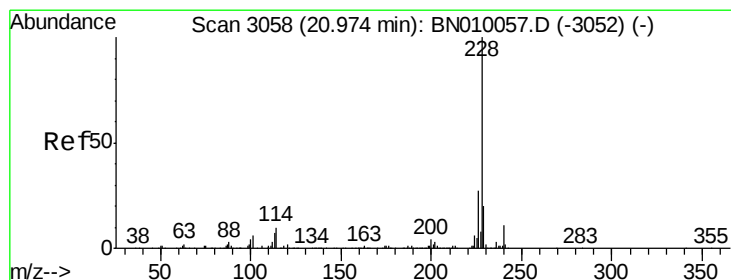
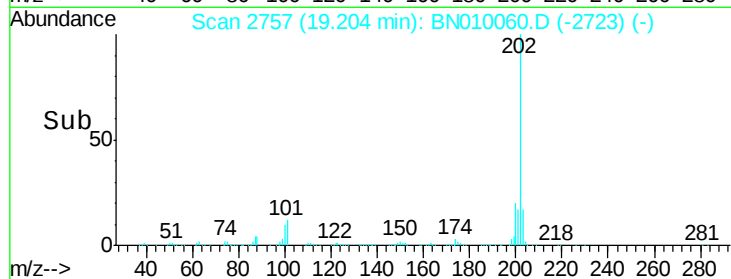
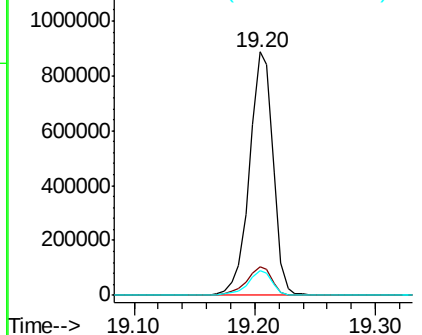
#80
Pvrene
Concen: 52.797 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BN010060.D
Acq: 03 Mar 2020 14:03

Instrument :
BNA_N
ClientSampleId :
DBD20DL

Tot Ion:202 Resp: 1212555
Ion Ratio Lower Upper
202 100
101 12.0 11.3 16.9
100 9.9 9.0 13.6

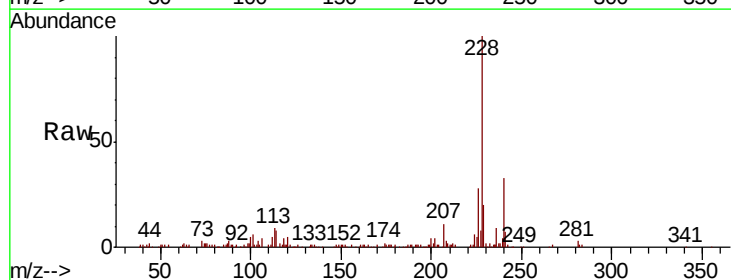


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): E

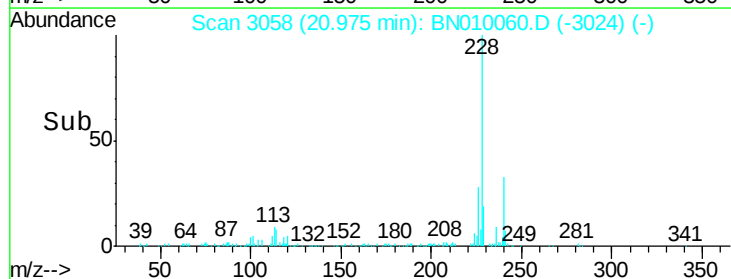
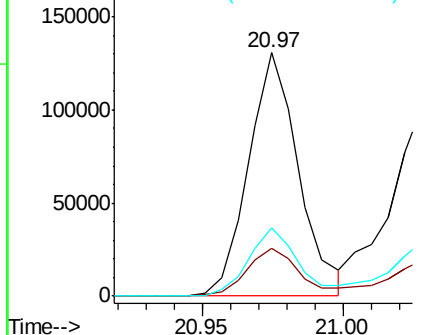


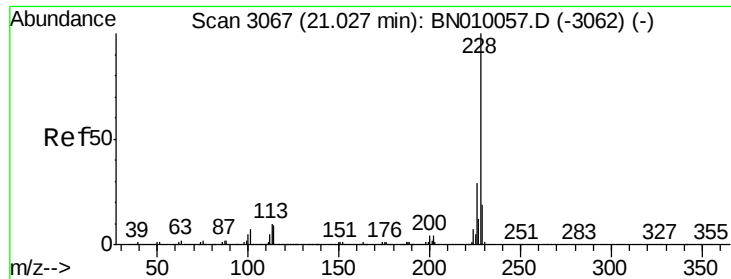
#83
Benzo(a)anthracene
Concen: 7.306 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. 0.00 min
Lab File: BN010060.D
Acq: 03 Mar 2020 14:03

Tgt Ion:228 Resp: 159935
Ion Ratio Lower Upper
228 100
229 19.6 15.0 22.4
226 28.2 21.4 32.2



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





#85

Chrysene

Concen: 6.423 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Instrument :

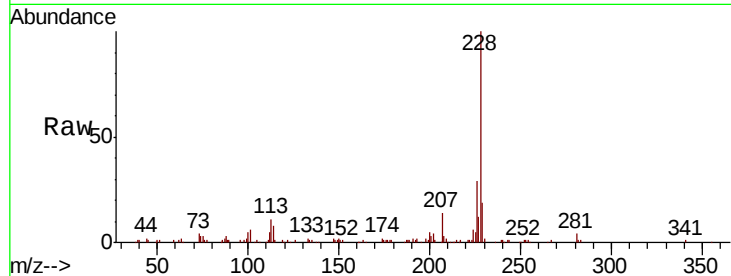
BNA_N

ClientSampleId :

DBD20DL

Tot Ion:228 Resp: 138429

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	18.6	15.0	22.4

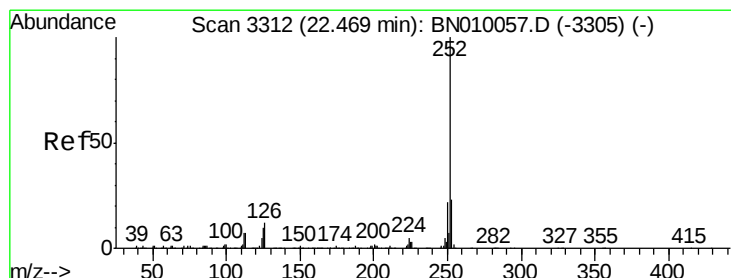
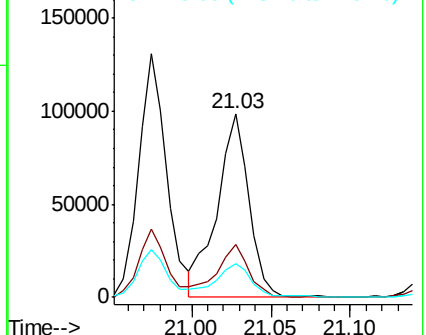
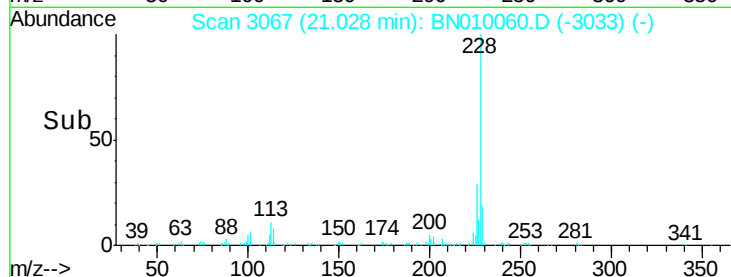


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.269 ng/ul

RT: 22.48 min Scan# 3314

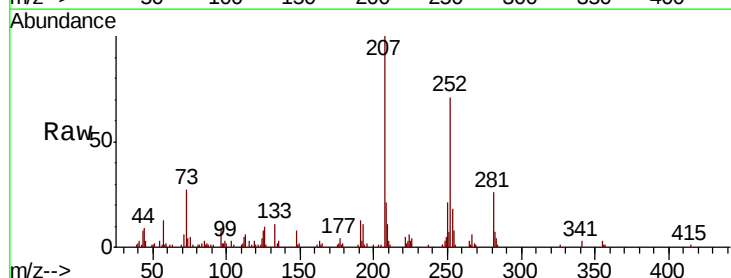
Delta R.T. 0.01 min

Lab File: BN010060.D

Acq: 03 Mar 2020 14:03

Tgt Ion:252 Resp: 54746

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.0	25.4#
125	11.3	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

