

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010058.D
 Acq On : 03 Mar 2020 12:23
 Operator : CG/JU
 Sample : L1507-16DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD14DL

Quant Time: Mar 03 13:02:59 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	87037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	346224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	197092	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	450912	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	569652	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	611504	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	6.61	99	903	0.12	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.75	67	783	0.15	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	1065	0.19	ng/ul	0.02
13) 4-Methylphenol-d8	0.00	113	0d	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	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.45	166	5917	0.40	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	5957	0.34	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.02	176	5468	0.43	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.87	188	13641	0.66	ng/ul	0.00
79) Pyrene-d10	19.17	212	12320	0.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	15200	0.50	ng/ul	0.00

Target Compounds

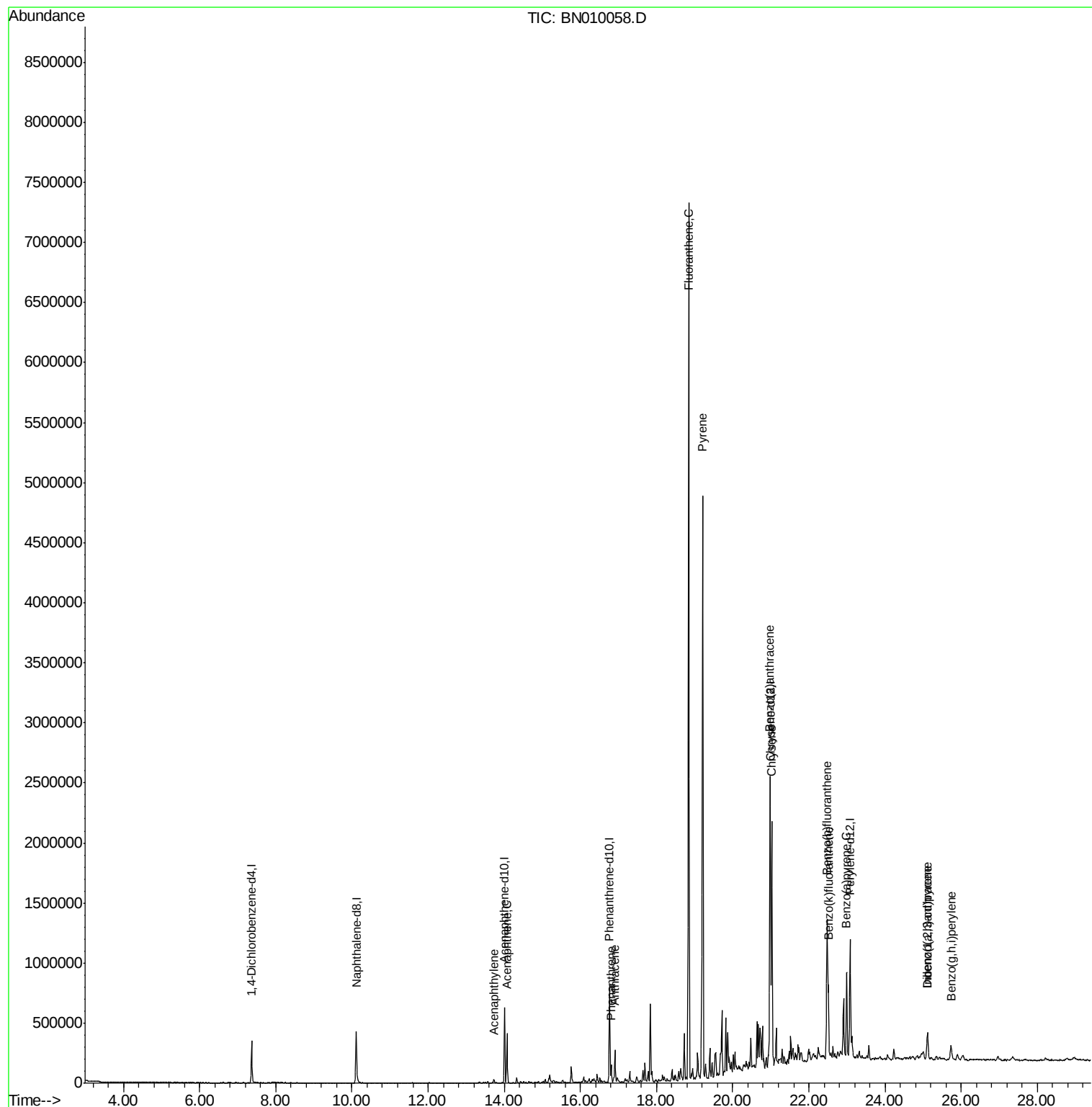
					Ovalue	
48) Acenaphthylene	13.73	152	23995	1.279	ng/ul#	93
50) Acenaphthene	14.07	153	155752	12.107	ng/ul	99
70) Phenanthrene	16.81	178	79833	3.102	ng/ul	98
72) Anthracene	16.90	178	154794	5.884	ng/ul	99
77) Fluoranthene	18.85	202	3925598	130.231	ng/ul	97
80) Pyrene	19.21	202	2841870	69.197	ng/ul	97
83) Benzo(a)anthracene	20.97	228	1054757	26.944	ng/ul	96
85) Chrysene	21.03	228	965597	25.055	ng/ul	97
88) Benzo(b)fluoranthene	22.47	252	784851	19.796	ng/ul	98
89) Benzo(k)fluoranthene	22.51	252	289589	7.714	ng/ul	100
91) Benzo(a)pyrene	23.00	252	365009	10.236	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	149408	3.529	ng/ul	97
93) Dibenzo(a,h)anthracene	25.12	278	43780	1.209	ng/ul#	80
94) Benzo(g,h,i)perylene	25.74	276	121484	3.422	ng/ul	97

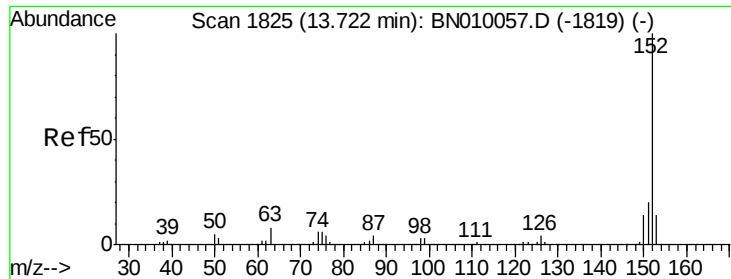
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#48

Acenaphthylene

Concen: 1.279 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

Instrument :

BNA_N

ClientSampleId :

DBD14DL

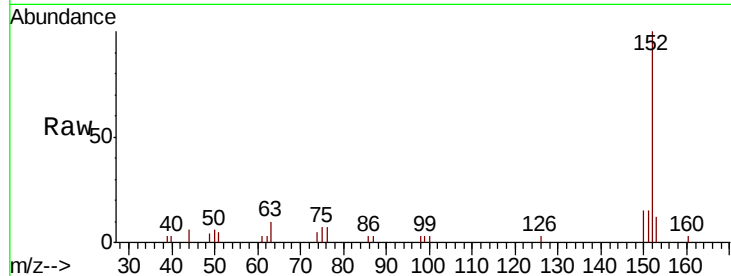
Tot Ion:152 Resp: 23995

Ion Ratio Lower Upper

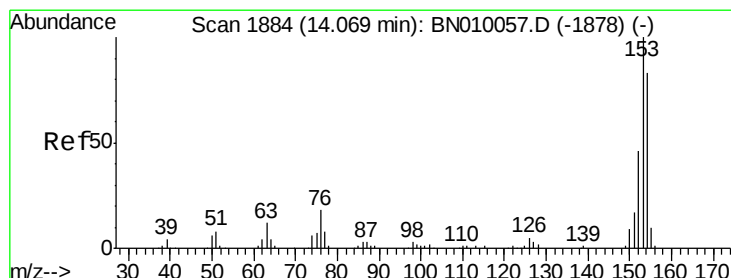
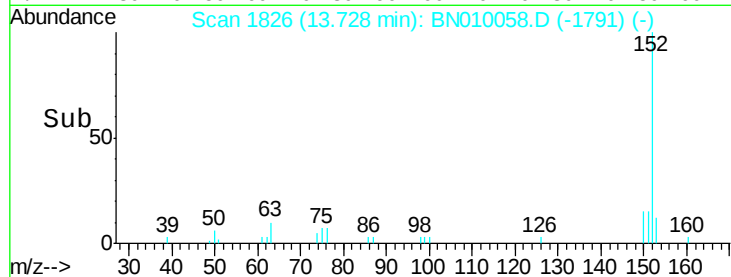
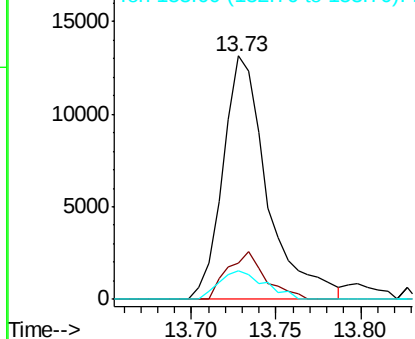
152 100

151 15.1 15.7 23.5#

153 11.8 10.3 15.5



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



#50

Acenaphthene

Concen: 12.107 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

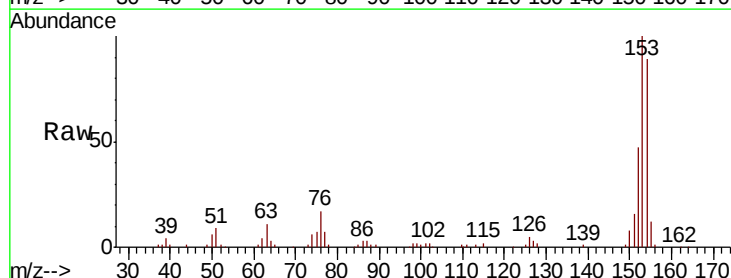
Tgt Ion:153 Resp: 155752

Ion Ratio Lower Upper

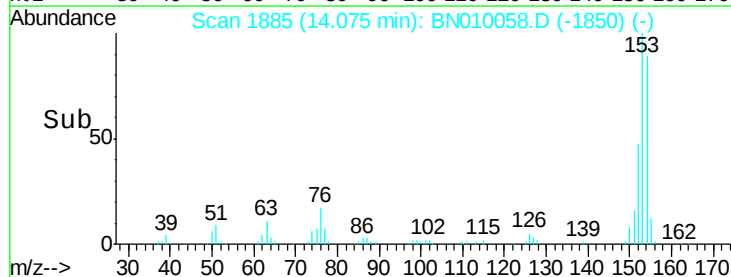
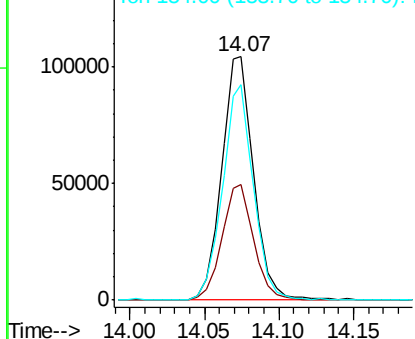
153 100

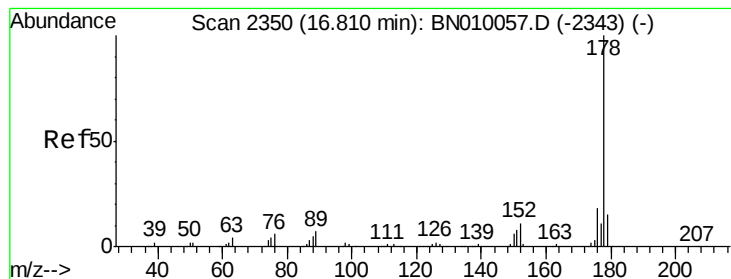
152 47.3 36.6 54.8

154 88.7 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





#70

Phenanthrene

Concen: 3.102 ng/ul

RT: 16.81 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

Instrument :

BNA_N

ClientSampleId :

DBD14DL

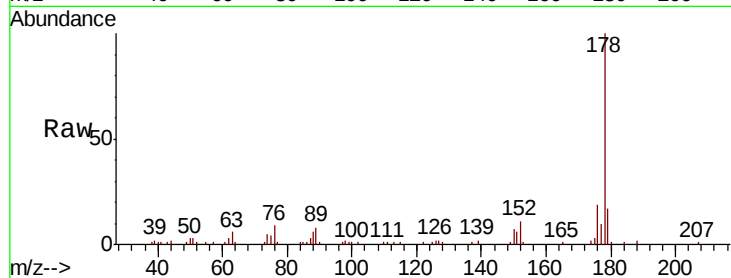
Tot Ion:178 Resp: 79833

Ion Ratio Lower Upper

178 100

179 16.7 12.5 18.7

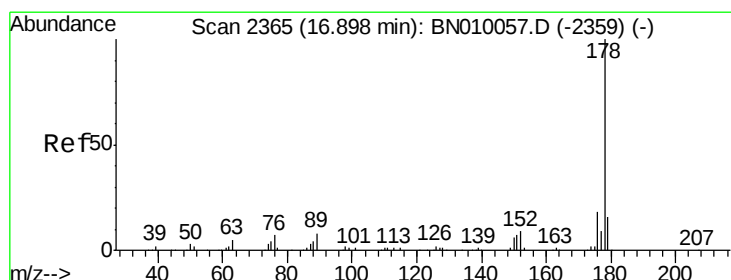
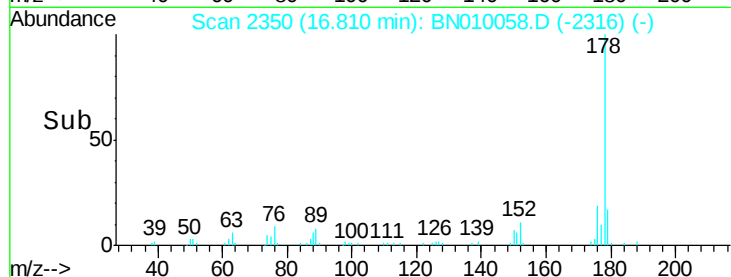
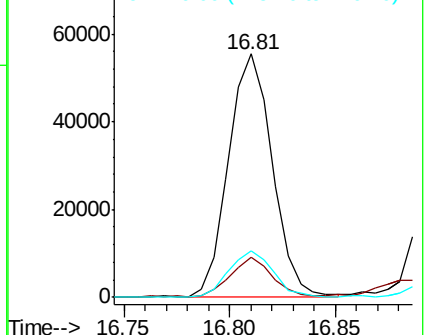
176 19.3 14.6 22.0



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



#72

Anthracene

Concen: 5.884 ng/ul

RT: 16.90 min Scan# 2366

Delta R.T. 0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

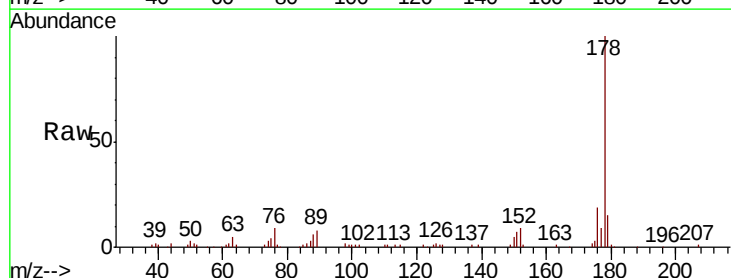
Tgt Ion:178 Resp: 154794

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

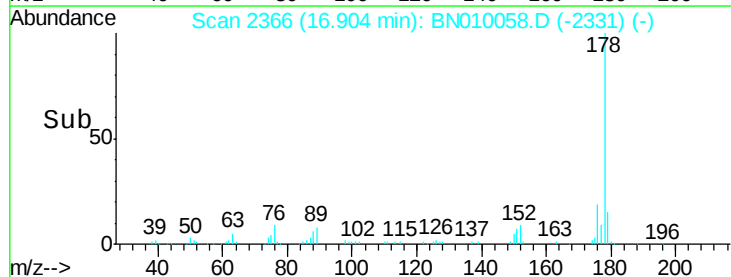
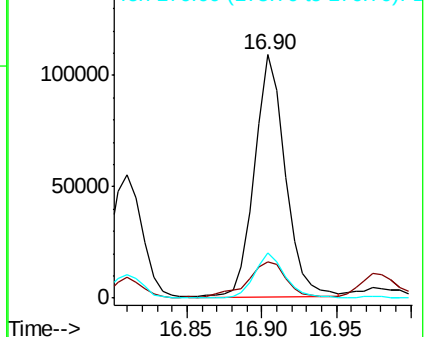
176 18.6 14.6 21.8

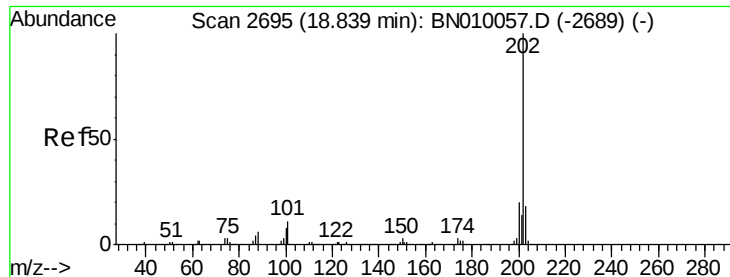


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

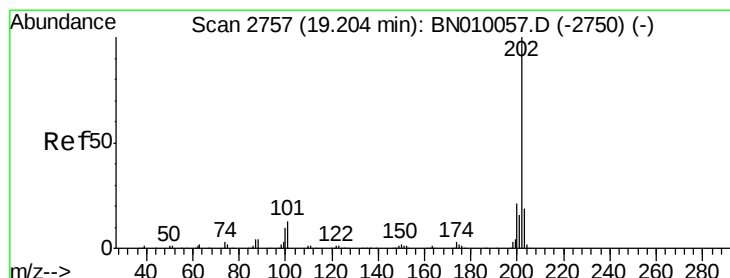
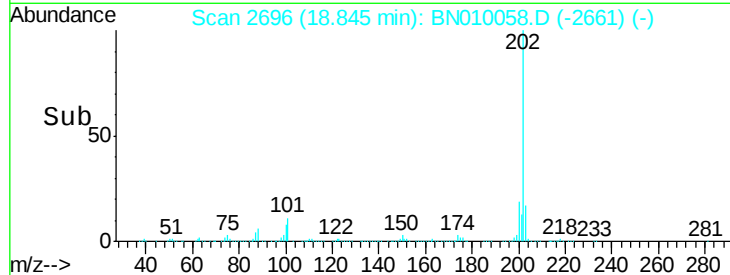
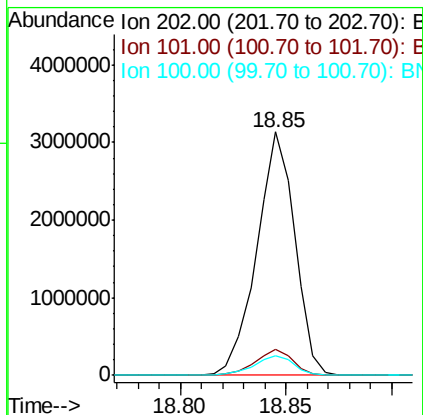
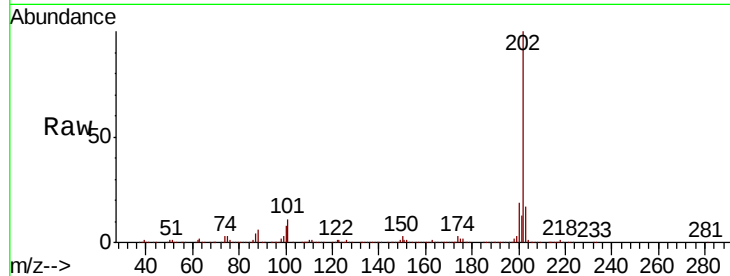




#77
 Fluoranthene
 Concen: 130.231 ng/ul
 RT: 18.85 min Scan# 2696
 Delta R.T. 0.01 min
 Lab File: BN010058.D
 Acq: 03 Mar 2020 12:23

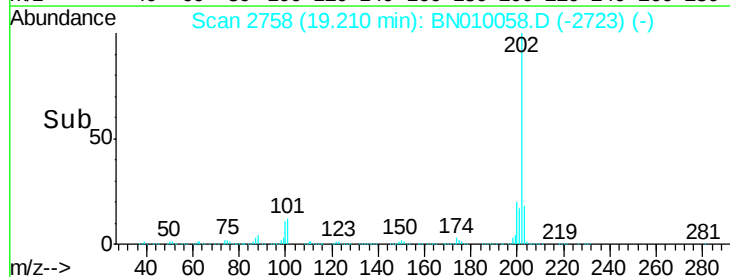
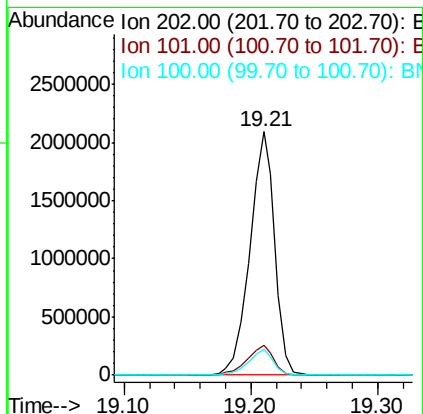
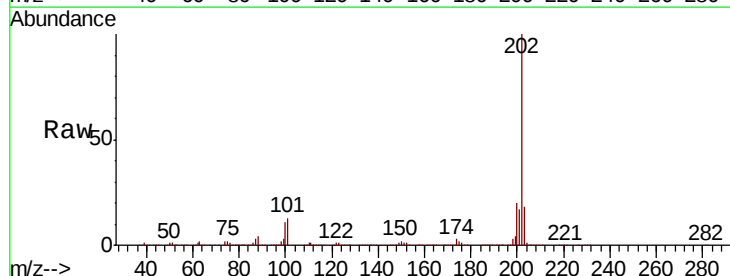
Instrument :
 BNA_N
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 DBD14DL

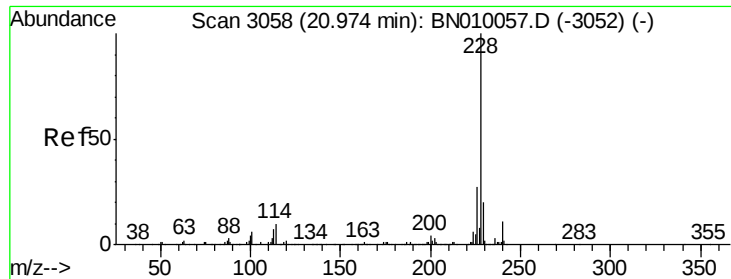
Tot Ion:202 Resp: 3925598
 Ion Ratio Lower Upper
 202 100
 101 10.8 9.4 14.2
 100 8.1 7.2 10.8



#80
 Pyrene
 Concen: 69.197 ng/ul
 RT: 19.21 min Scan# 2758
 Delta R.T. 0.01 min
 Lab File: BN010058.D
 Acq: 03 Mar 2020 12:23

Tgt Ion:202 Resp: 2841870
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.3 16.9
 100 10.6 9.0 13.6

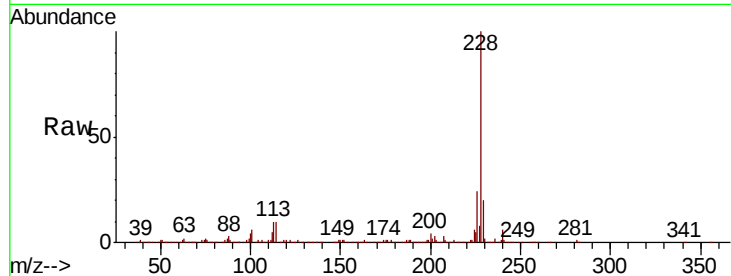




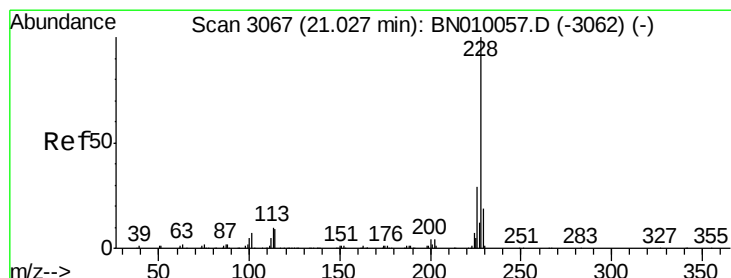
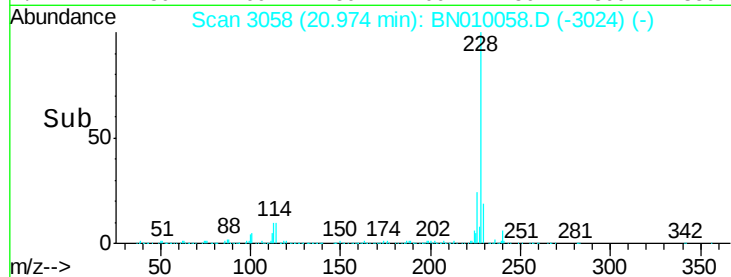
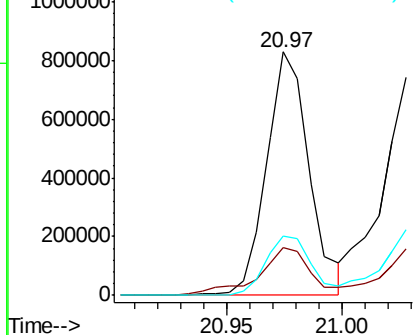
#83
Benzo(a)anthracene
Concen: 26.944 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010058.D
Acq: 03 Mar 2020 12:23

Instrument :
BNA_N
ClientSampleId :
DBD14DL

Tot Ion:228 Resp: 1054757
Ion Ratio Lower Upper
228 100
229 19.7 15.0 22.4
226 24.4 21.4 32.2

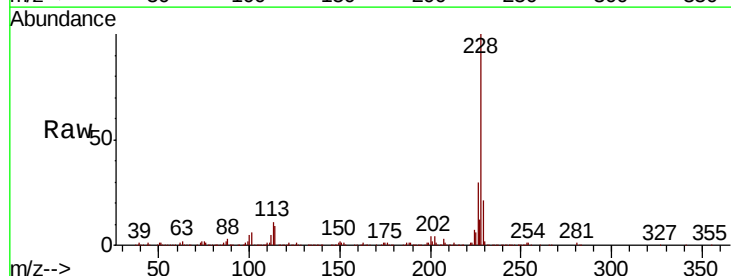


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

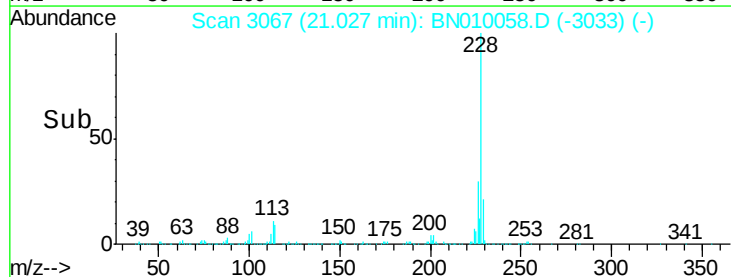
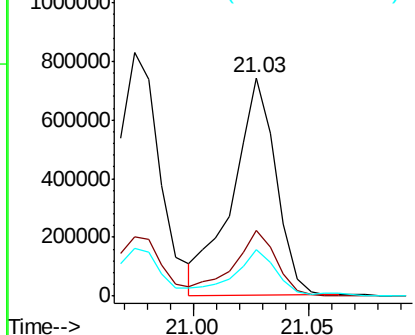


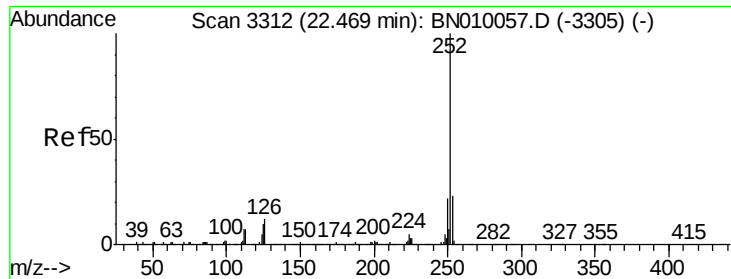
#85
Chrysene
Concen: 25.055 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN010058.D
Acq: 03 Mar 2020 12:23

Tgt Ion:228 Resp: 965597
Ion Ratio Lower Upper
228 100
226 29.9 23.4 35.2
229 21.5 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

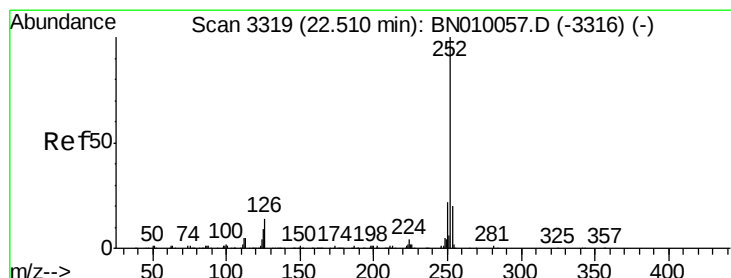
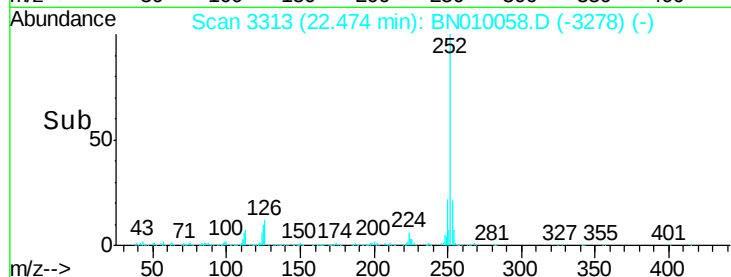
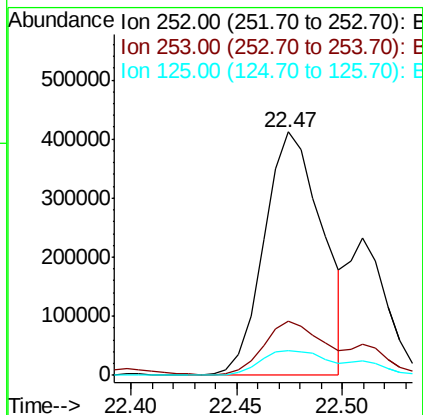
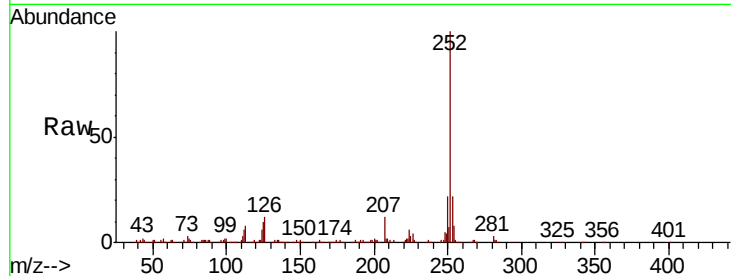




#88
Benzo(b)fluoranthene
Concen: 19.796 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. 0.01 min
Lab File: BN010058.D
Acq: 03 Mar 2020 12:23

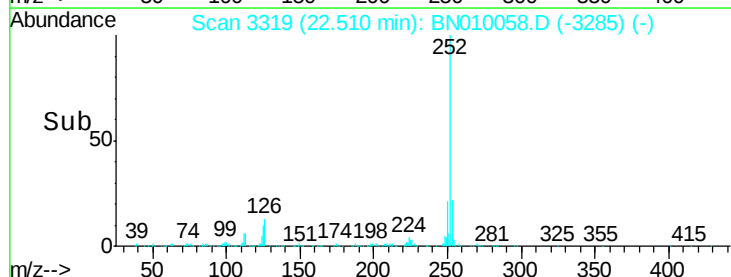
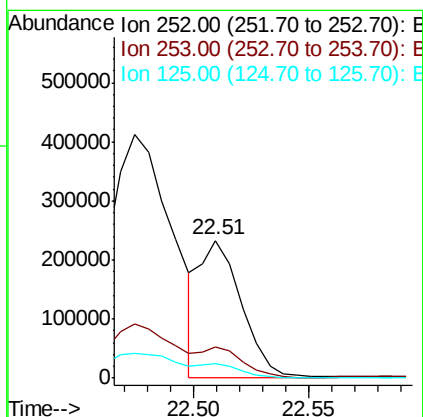
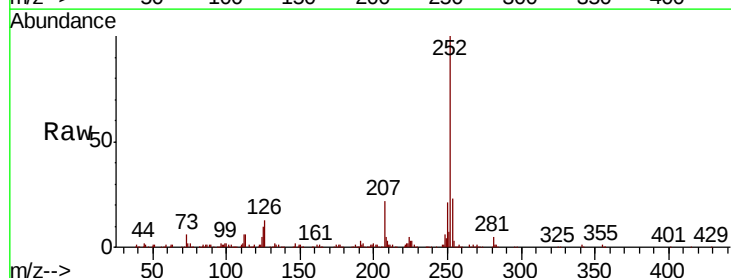
Instrument :
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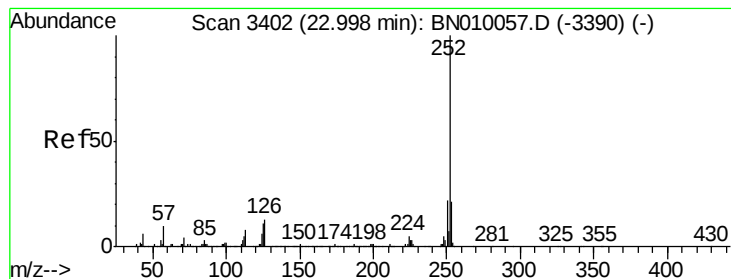
Tot Ion:252 Resp: 784851
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 10.3 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 7.714 ng/ul
RT: 22.51 min Scan# 3319
Delta R.T. -0.00 min
Lab File: BN010058.D
Acq: 03 Mar 2020 12:23

Tgt Ion:252 Resp: 289589
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 10.2 8.2 12.2





#91

Benzo(a)pyrene

Concen: 10.236 ng/ul

RT: 23.00 min Scan# 3402

Delta R.T. -0.00 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

Instrument :

BNA_N

ClientSampleId :

DBD14DL

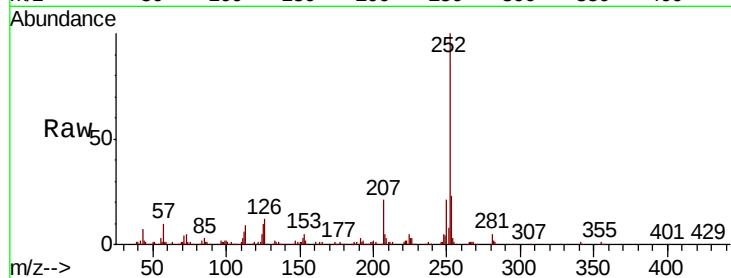
Tot Ion:252 Resp: 365009

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

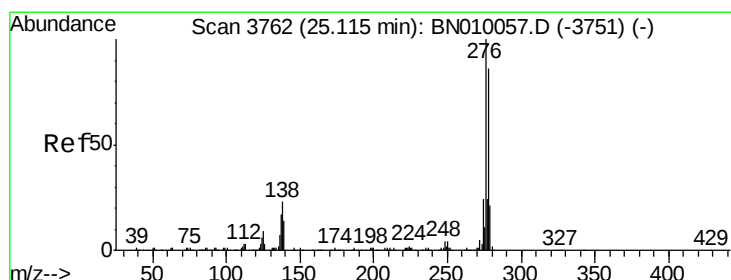
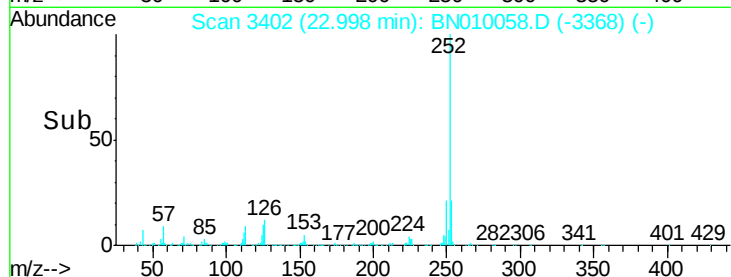
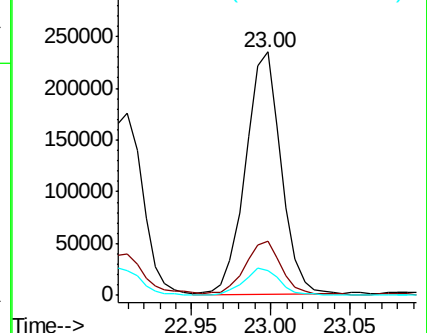
125 10.2 9.0 13.6



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.529 ng/ul

RT: 25.12 min Scan# 3763

Delta R.T. 0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

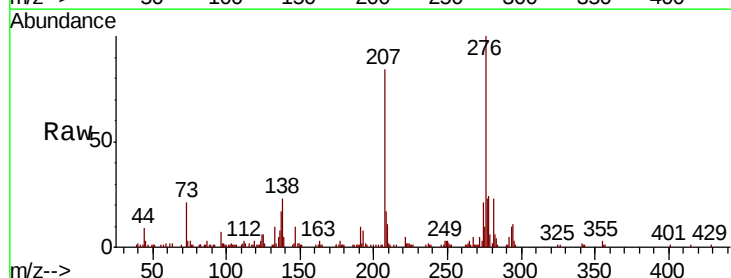
Tgt Ion:276 Resp: 149408

Ion Ratio Lower Upper

276 100

138 23.4 20.9 31.3

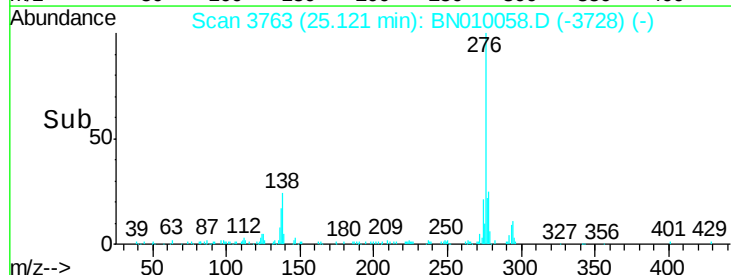
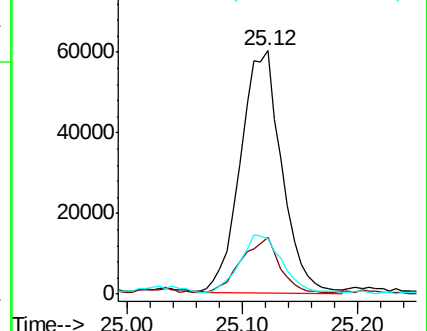
277 22.7 18.2 27.4

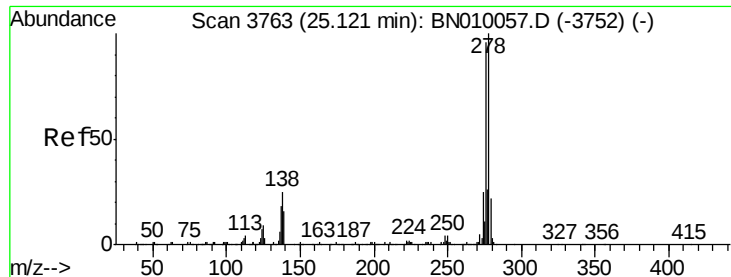


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.209 ng/ul

RT: 25.12 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

Instrument :

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DBD14DL

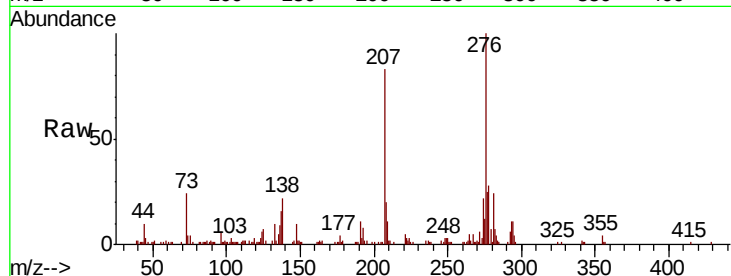
Tot Ion:278 Resp: 43780

Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.4#

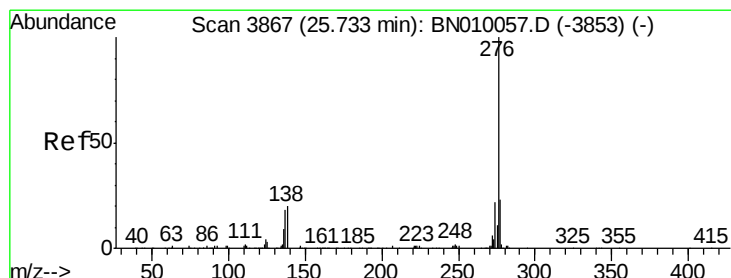
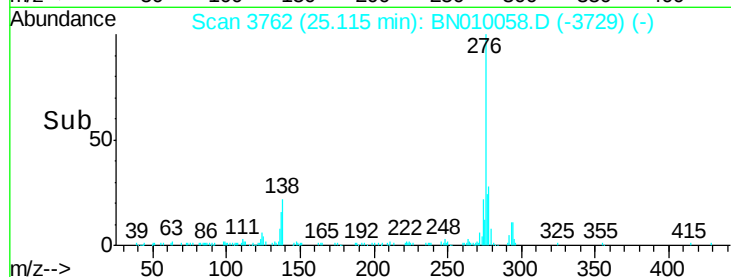
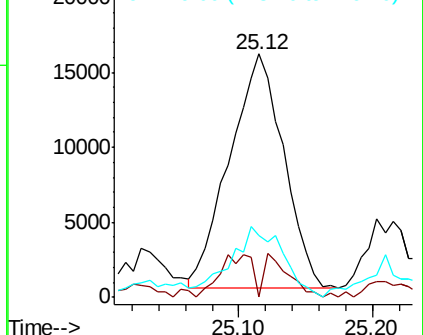
279 25.4 17.5 26.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.422 ng/ul

RT: 25.74 min Scan# 3868

Delta R.T. 0.01 min

Lab File: BN010058.D

Acq: 03 Mar 2020 12:23

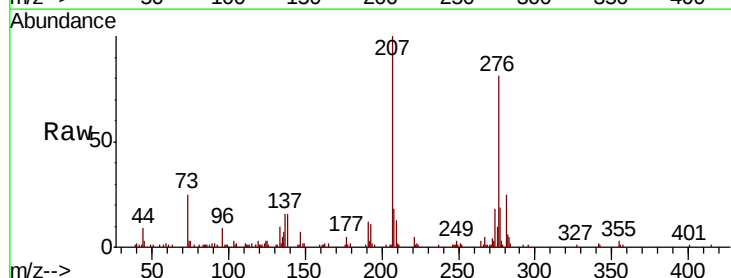
Tgt Ion:276 Resp: 121484

Ion Ratio Lower Upper

276 100

138 19.9 17.5 26.3

277 23.7 18.1 27.1



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

