

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010024.D
 Acq On : 29 Feb 2020 14:49
 Operator : CG/JU
 Sample : L1615-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:55:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	87437	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	381088	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	239175	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	493752	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	448953	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	482929	20.00	ng/ul	0.00

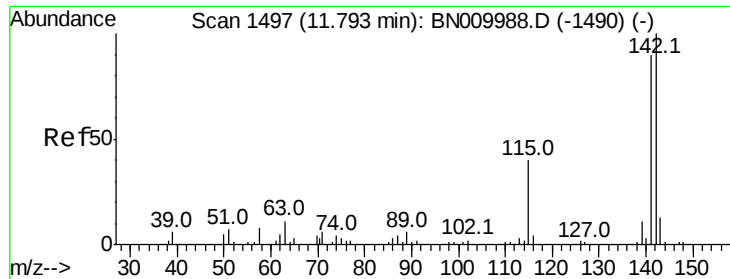
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	5301	2.49	ng/uL	0.00
5) Phenol-d5	6.59	99	120702	16.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	88840	17.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	97405	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	88496	14.96	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	46139	16.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	52079	17.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	95398	16.27	ng/ul	0.01
29) 4-Chloroaniline-d4	10.29	131	99646	15.13	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	329082	18.42	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	378306	17.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	32296	9.90	ng/ul	0.02
58) Fluorene-d10	15.02	176	283125	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	30463	9.93	ng/ul	0.01
71) Anthracene-d10	16.87	188	447328	19.76	ng/ul	0.00
79) Pyrene-d10	19.19	212	528445	22.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	518917	21.52	ng/ul	0.00

Target Compounds

					Ovalue	
34) 2-Methylnaphthalene	11.81	142	18930	1.327	ng/ul	86
45) Dimethylphthalate	13.49	163	26730	1.434	ng/ul#	96
50) Acenaphthene	14.08	153	68863	4.411	ng/ul	95
54) Dibenzofuran	14.43	168	81454	3.717	ng/ul	99
59) Fluorene	15.08	166	95276	5.181	ng/ul	96
70) Phenanthrene	16.82	178	544944	19.339	ng/ul	99
72) Anthracene	16.91	178	144428	5.014	ng/ul	99
77) Fluoranthene	18.85	202	318949	9.663	ng/ul	98
80) Pvrene	19.22	202	225440	6.965	ng/ul	97
83) Benzo(a)anthracene	20.98	228	50966	1.652	ng/ul	99
85) Chrysene	21.03	228	51051	1.681	ng/ul	98

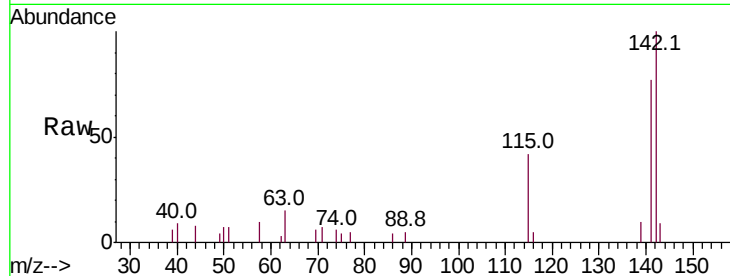
(#) = qualifier out of range (m) = manual integration (+) = signals summed



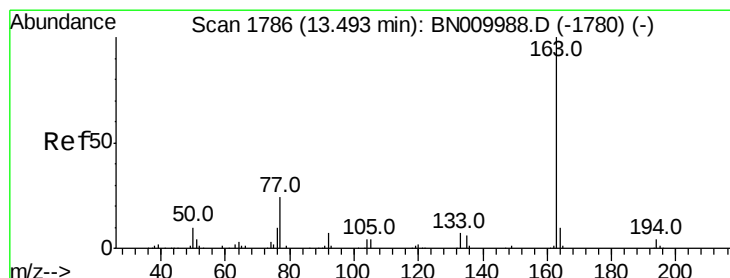
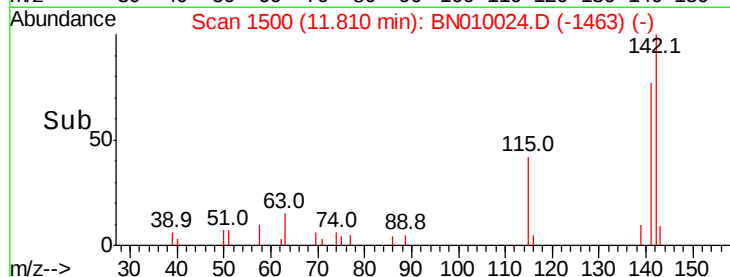
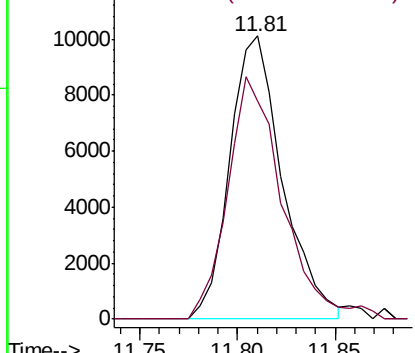
#34
2-Methylnaphthalene
Concen: 1.327 ng/ul
RT: 11.81 min Scan# 1500
Delta R.T. 0.02 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Instrument :
BNA_N
ClientSampled :

Tot Ion:142 Resp: 18930
Ion Ratio Lower Upper
142 100
141 76.9 72.1 108.1

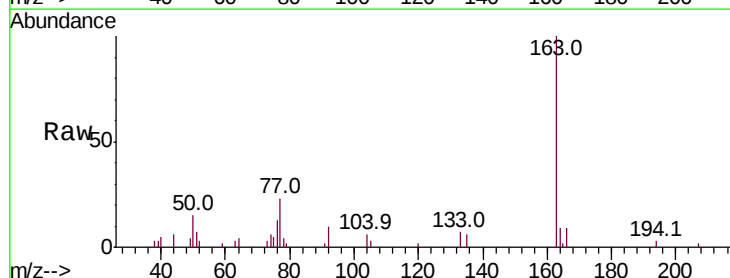


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

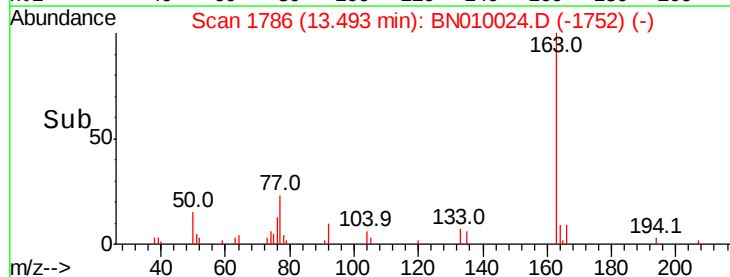
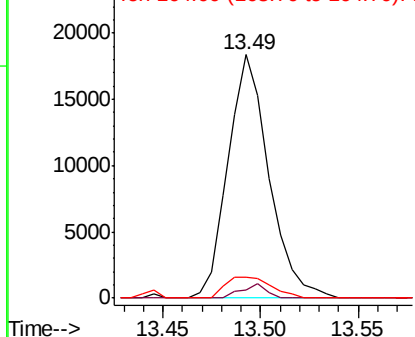


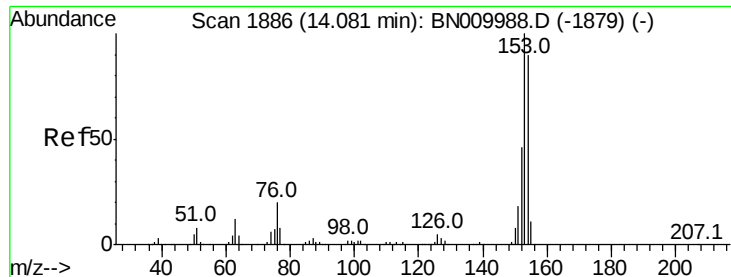
#45
Dimethylphthalate
Concen: 1.434 ng/ul
RT: 13.49 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion:163 Resp: 26730
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.0#
164 8.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 4.411 ng/ul

RT: 14.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_N

ClientSampleId :

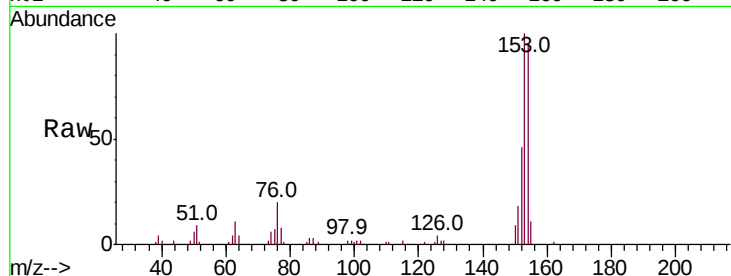
Tot Ion:153 Resp: 68863

Ion Ratio Lower Upper

153 100

152 46.2 36.6 54.8

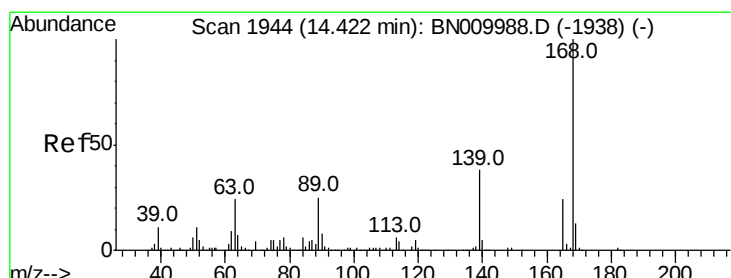
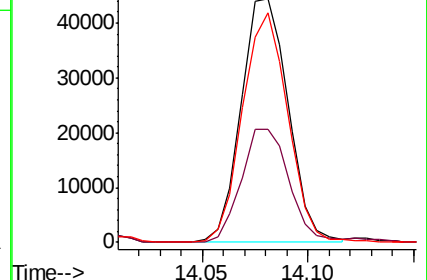
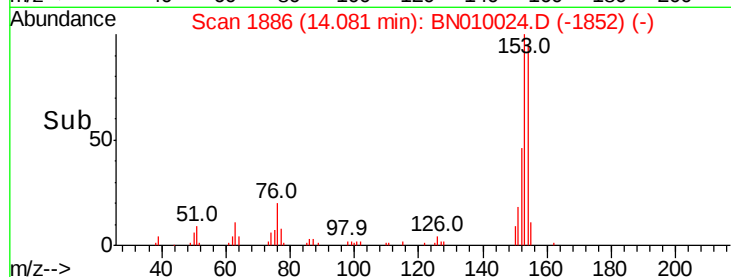
154 94.5 70.6 106.0



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: 3.717 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BN010024.D

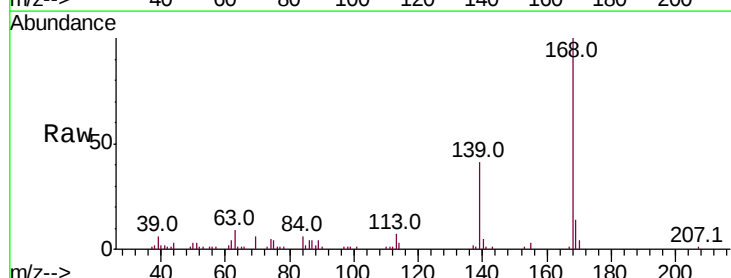
Acq: 29 Feb 2020 14:49

Tgt Ion:168 Resp: 81454

Ion Ratio Lower Upper

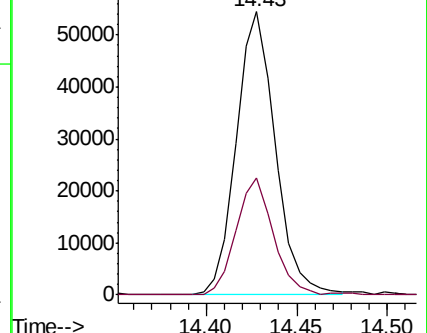
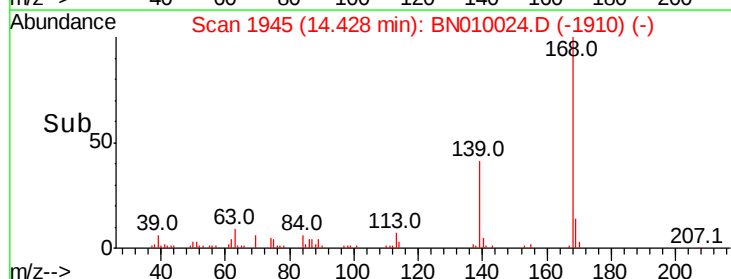
168 100

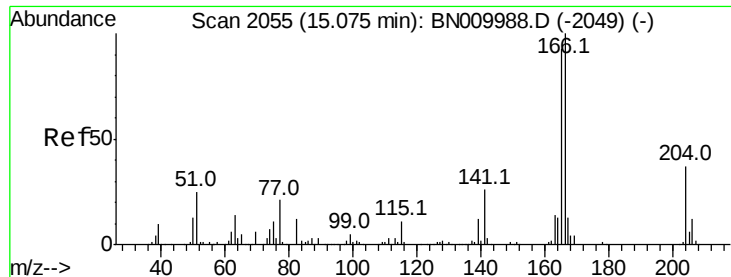
139 41.5 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 5.181 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_N

ClientSampleId :

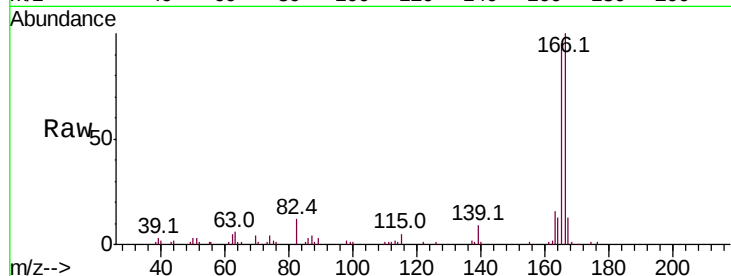
Tot Ion:166 Resp: 95276

Ion Ratio Lower Upper

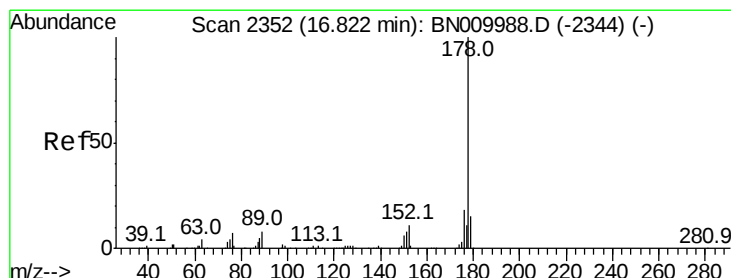
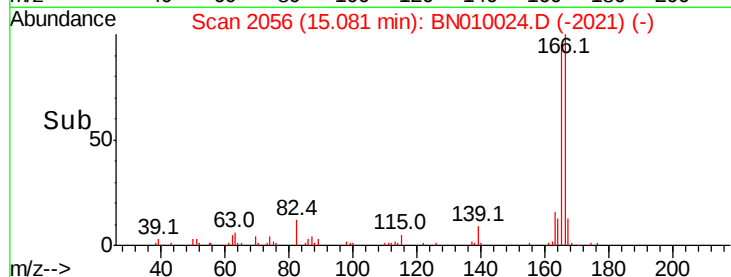
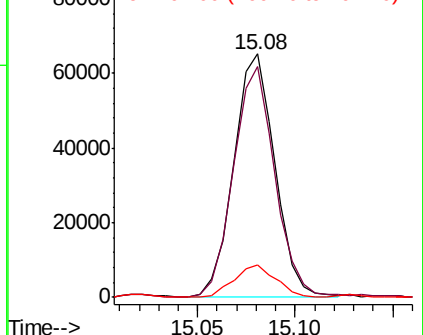
166 100

165 94.7 79.8 119.8

167 13.5 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



#70

Phenanthrene

Concen: 19.339 ng/ul

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

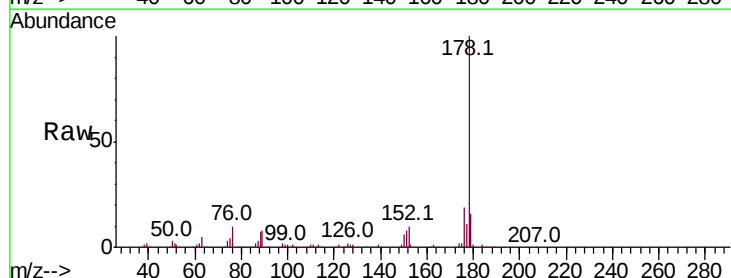
Tgt Ion:178 Resp: 544944

Ion Ratio Lower Upper

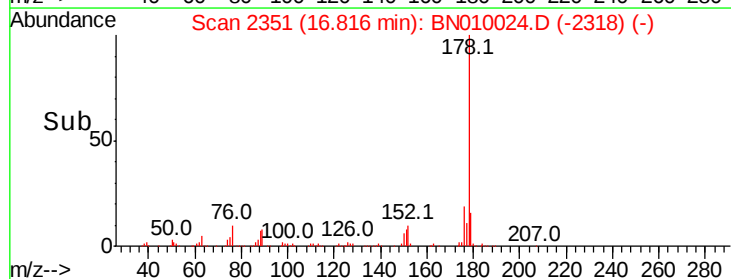
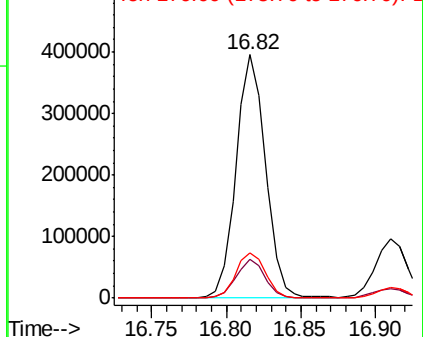
178 100

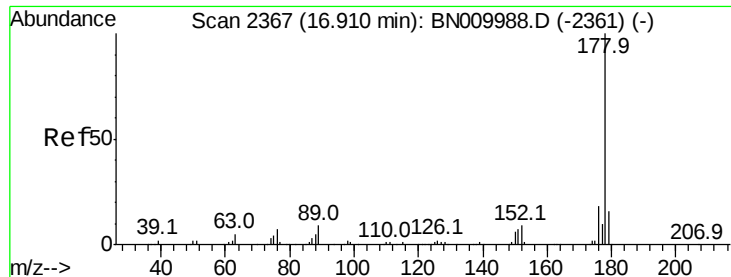
179 16.1 12.5 18.7

176 18.6 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: 5.014 ng/ul

RT: 16.91 min Scan# 2367

Delta R.T. 0.00 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_N

ClientSampled :

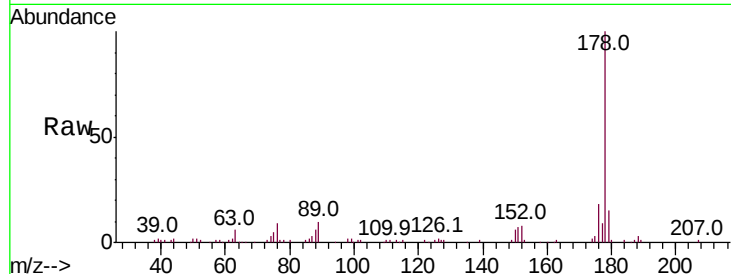
Tot Ion:178 Resp: 144428

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

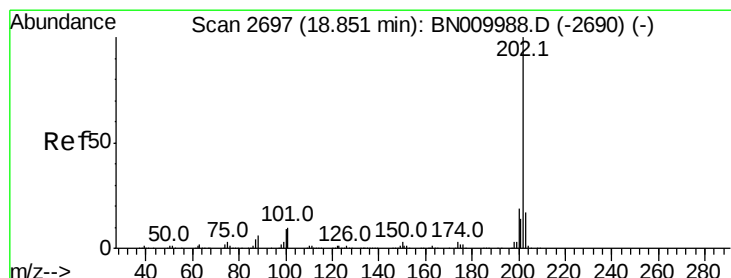
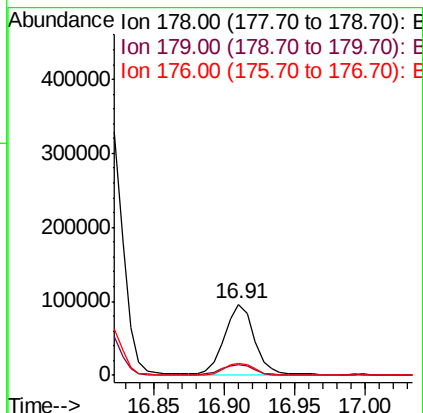
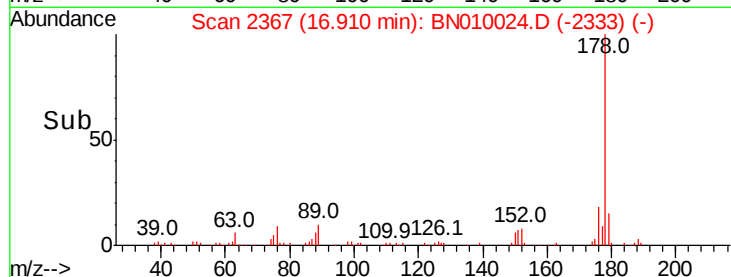
176 17.5 14.6 21.8



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: 9.663 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

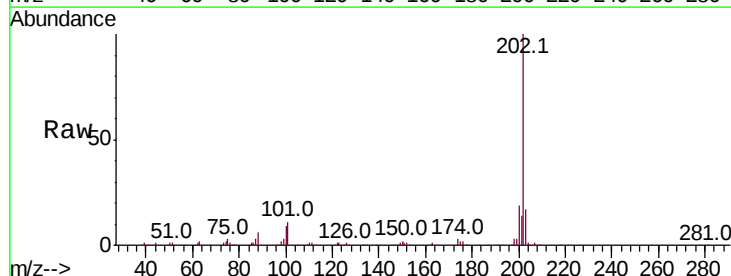
Tgt Ion:202 Resp: 318949

Ion Ratio Lower Upper

202 100

101 10.5 9.4 14.2

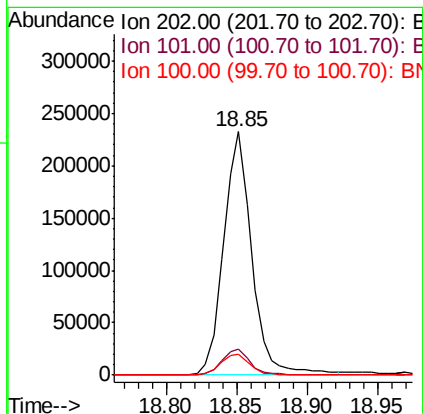
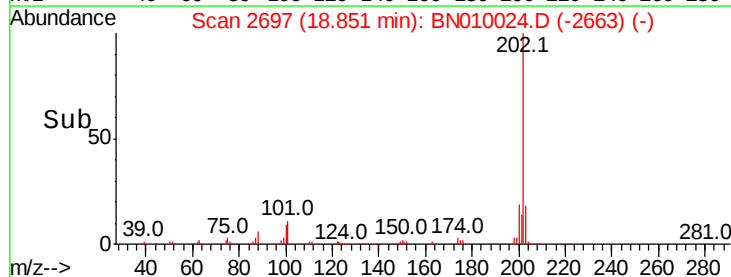
100 8.7 7.2 10.8

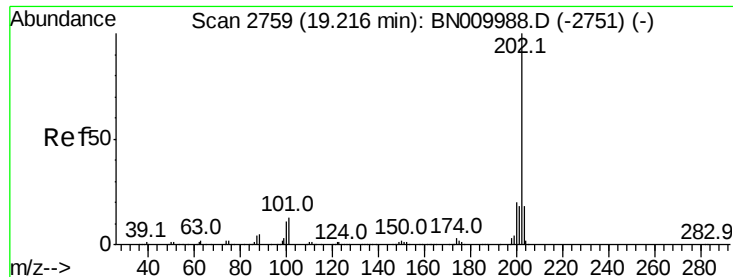


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

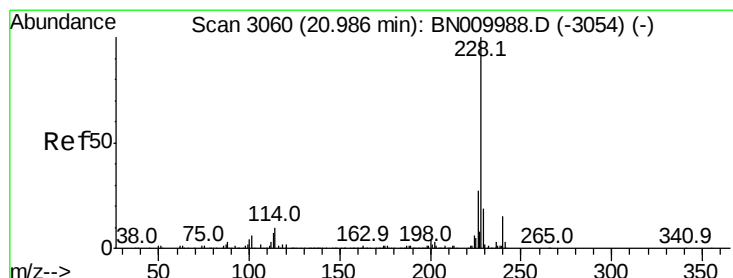
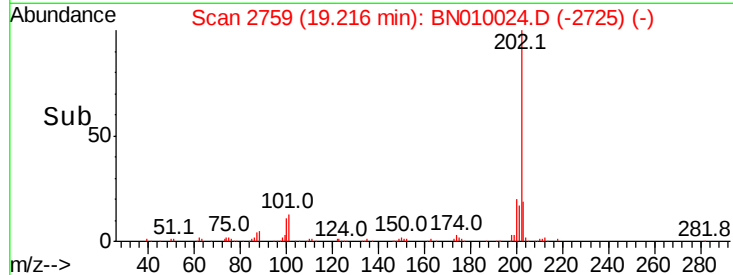
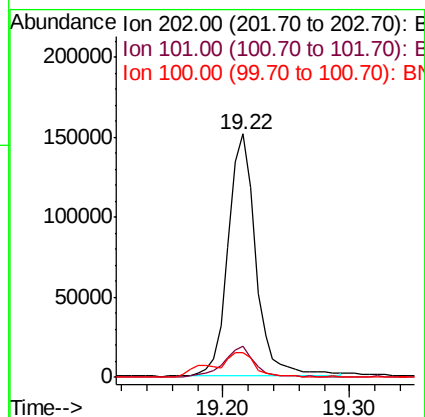
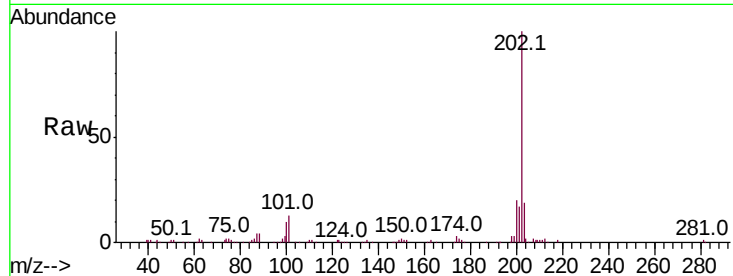




#80
Pvrene
Concen: 6.965 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

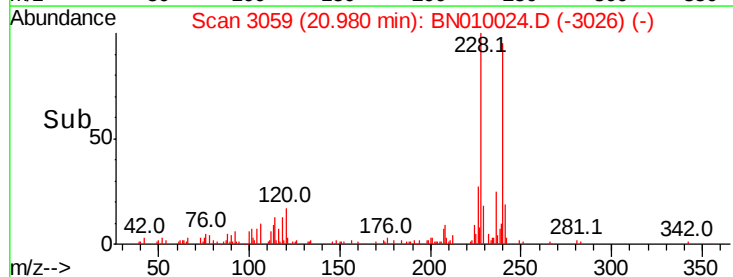
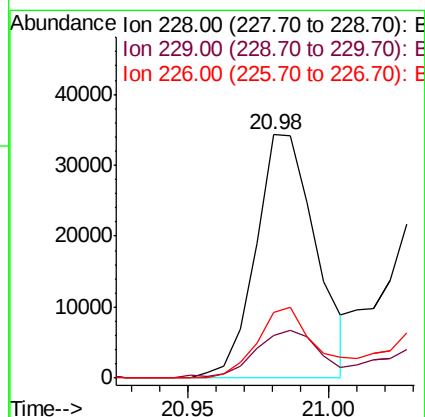
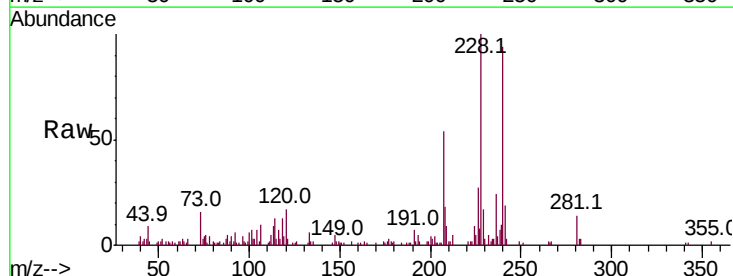
Instrument :
BNA_N
ClientSampleId :

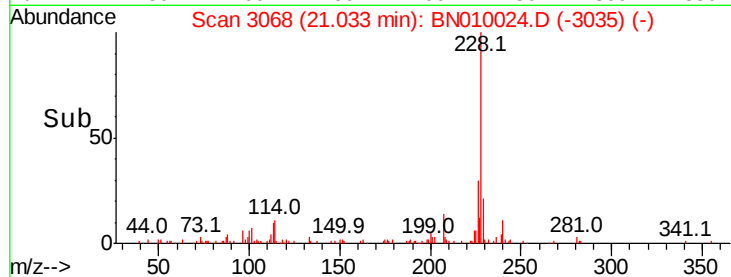
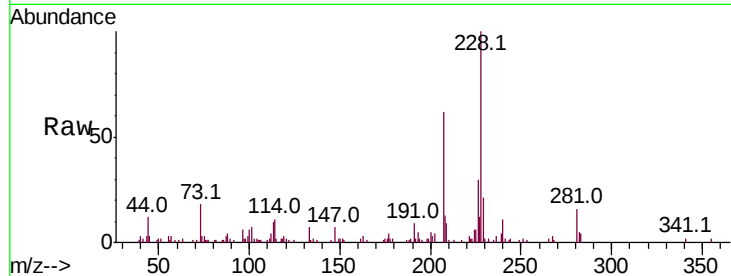
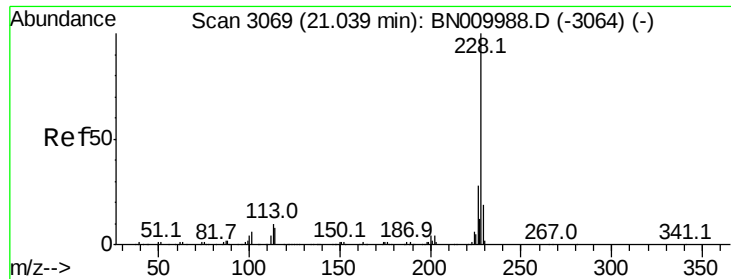
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.3	16.9
100	10.4	9.0	13.6



#83
Benzo(a)anthracene
Concen: 1.652 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN010024.D
Acq: 29 Feb 2020 14:49

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.3	15.0	22.4
226	26.9	21.4	32.2





#85

Chrysene

Concen: 1.681 ng/ul

RT: 21.03 min Scan# 3068

Delta R.T. -0.01 min

Lab File: BN010024.D

Acq: 29 Feb 2020 14:49

Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 51051

Ion Ratio Lower Upper

228 100

226 29.7 23.4 35.2

229 20.7 15.0 22.4

