

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
 Data File : BN012317.D
 Acq On : 18 Oct 2020 06:59
 Operator : CG/JU
 Sample : L4235-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AK4

Quant Time: Oct 19 02:24:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 19 01:01:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	253838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	1020039	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	621476	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1318076	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1303002	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1369040	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	13129	2.38	ng/uL	0.00
5) Phenol-d5	6.78	99	217631	9.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	151128	11.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	181453	10.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	174612	9.53	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	94220	10.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	104862	10.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	170341	9.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	208984	9.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	647773	12.84	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	687359	11.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	80258	8.34	ng/ul	0.00
58) Fluorene-d10	15.24	176	528027	12.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	79650	8.62	ng/ul	0.00
71) Anthracene-d10	17.09	188	864858	13.35	ng/ul	0.00
79) Pyrene-d10	19.39	212	961436	13.65	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	1064601	13.47	ng/ul	0.00

Target Compounds

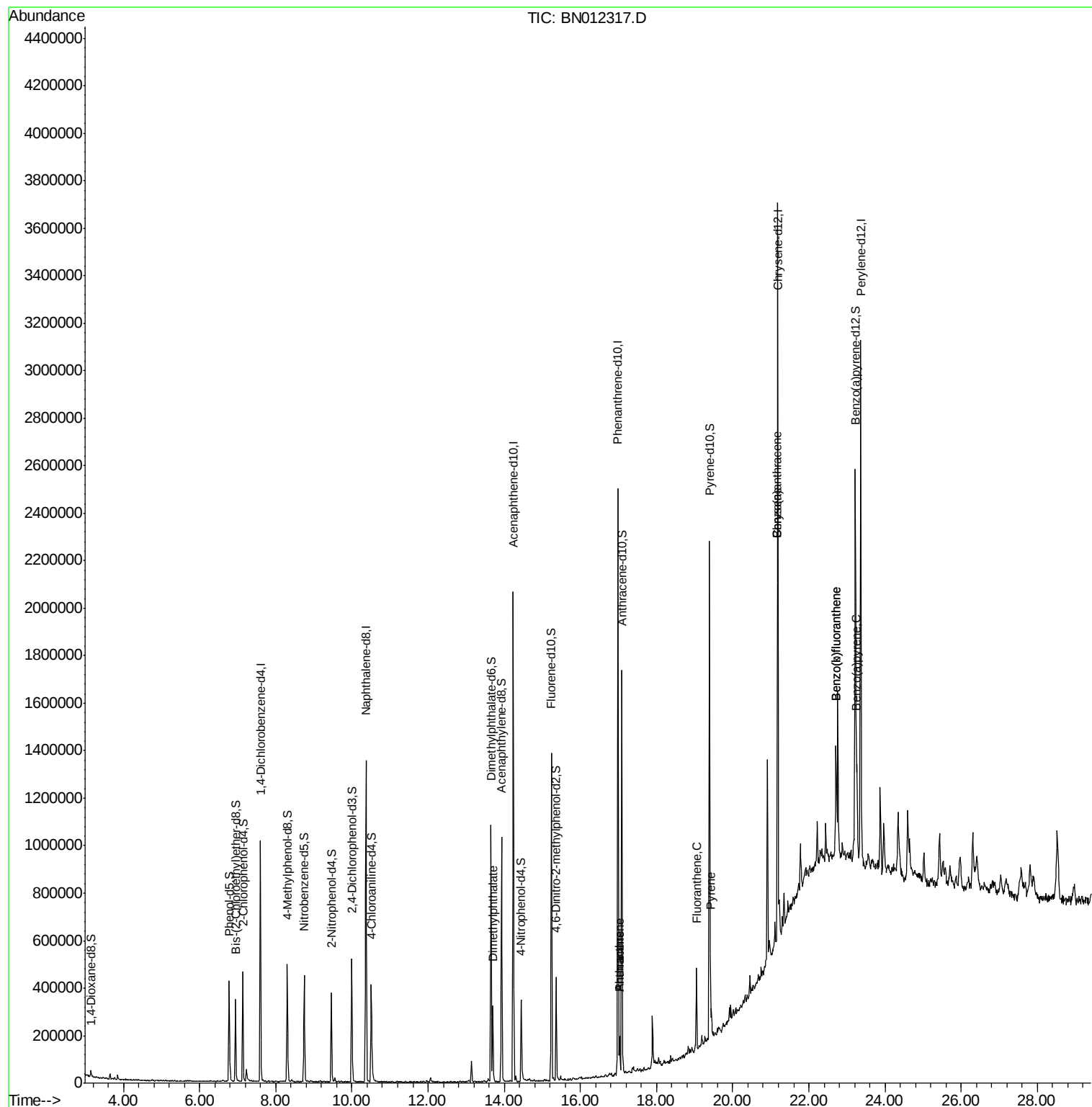
					Ovalue	
45) Dimethylphthalate	13.70	163	195129	3.712	ng/ul	99
70) Phenanthrene	17.03	178	85811	1.059	ng/ul	100
72) Anthracene	17.03	178	85811	1.052	ng/ul	98
77) Fluoranthene	19.05	202	183571	1.975	ng/ul	98
80) Pyrene	19.42	202	159234	1.617	ng/ul	97
83) Benzo(a)anthracene	21.17	228	105438	1.179	ng/ul	96
85) Chrysene	21.17	228	107884	1.231	ng/ul	98
88) Benzo(b)fluoranthene	22.71	252	154834	1.610	ng/ul#	95
89) Benzo(k)fluoranthene	22.71	252	154834	1.659	ng/ul#	95
91) Benzo(a)pyrene	23.26	252	93289	1.059	ng/ul#	82

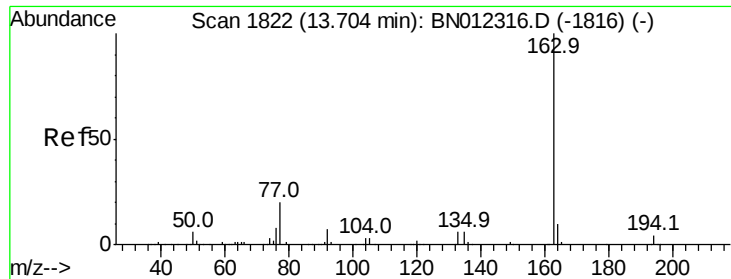
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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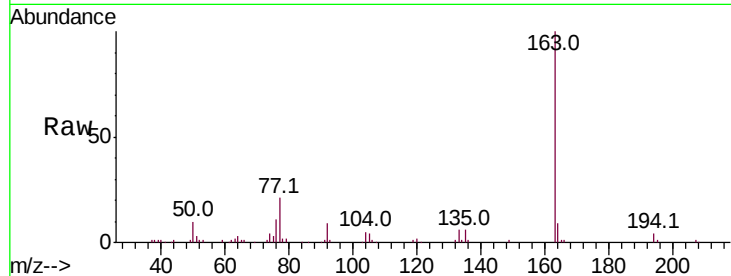




#45
Dimethylphthalate
Concen: 3.712 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BN012317.D
Acq: 18 Oct 2020 06:59

Instrument :
BNA_N
ClientSampleId :
C0AK4

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.3	7.9	11.9

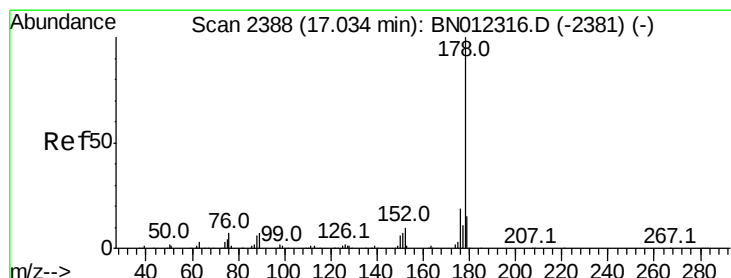
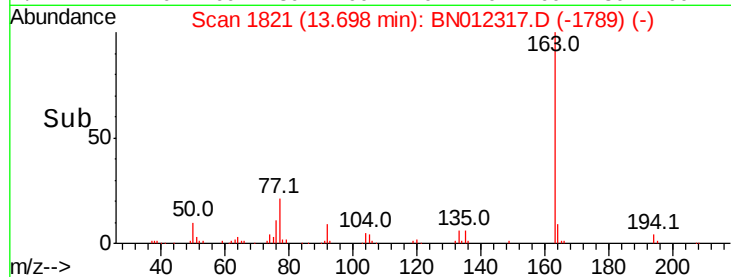
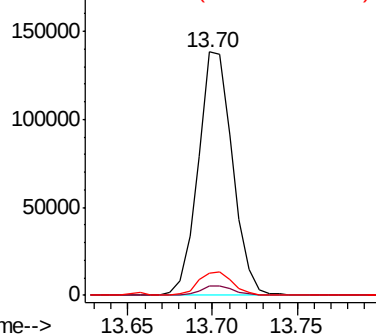


Abundance

Ion 163.00 (162.70 to 163.70): E

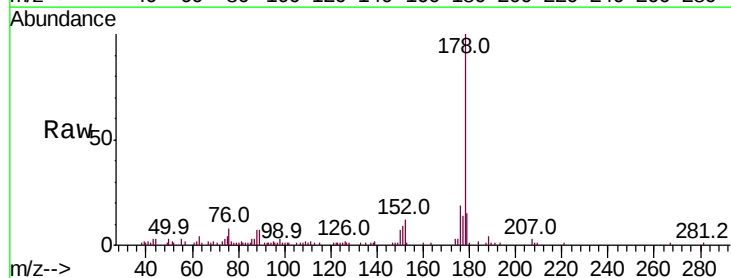
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 1.059 ng/ul
RT: 17.03 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BN012317.D
Acq: 18 Oct 2020 06:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.3	15.3	22.9

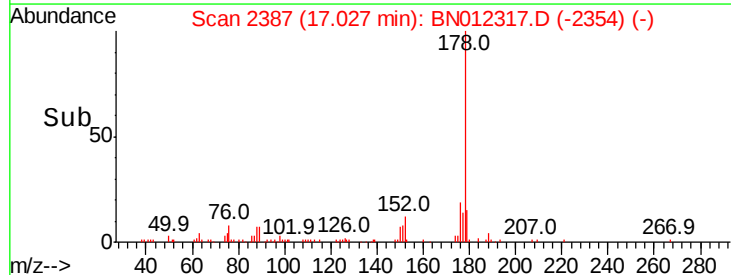
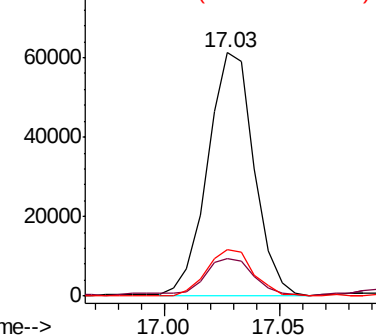


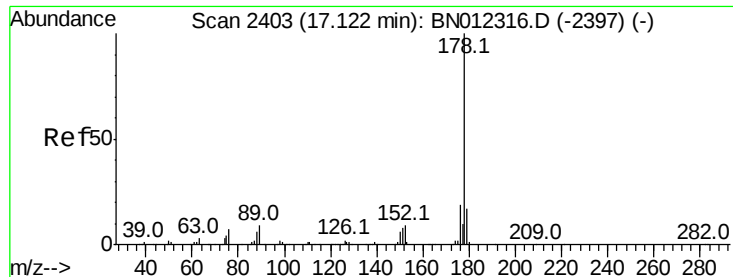
Abundance

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: 1.052 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.09 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

Instrument :

BNA_N

ClientSampleId :

C0AK4

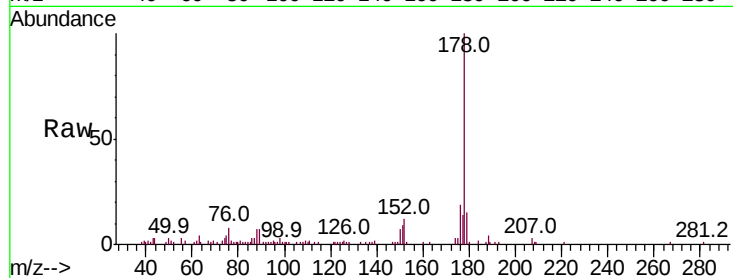
Tot Ion:178 Resp: 85811

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

176 19.3 14.6 22.0

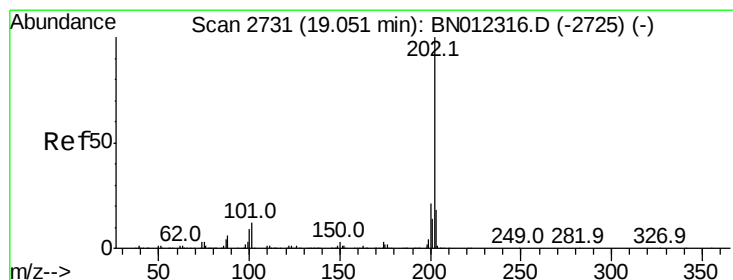
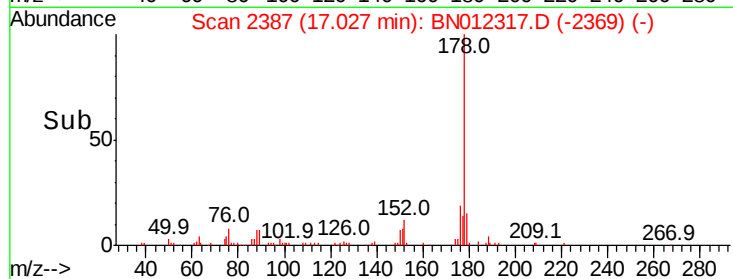
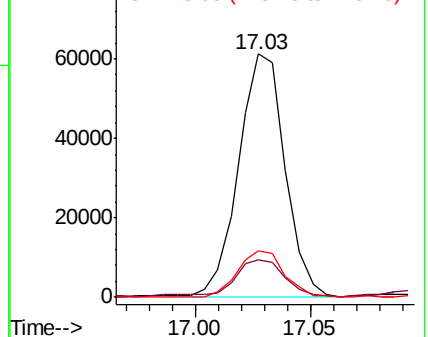


Abundance

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



#77

Fluoranthene

Concen: 1.975 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. -0.01 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

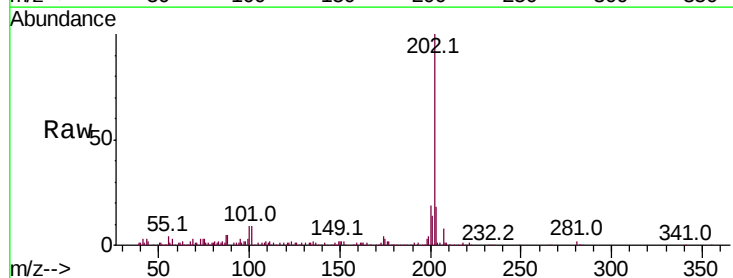
Tgt Ion:202 Resp: 183571

Ion Ratio Lower Upper

202 100

101 9.4 8.7 13.1

100 8.5 6.9 10.3

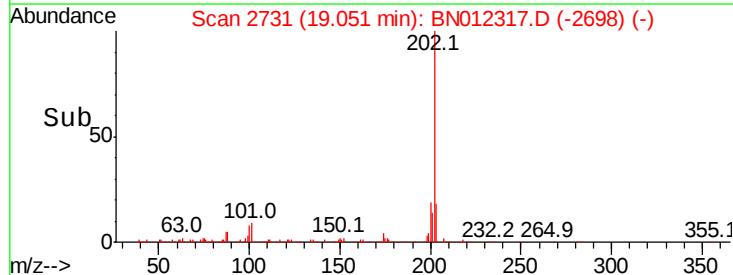
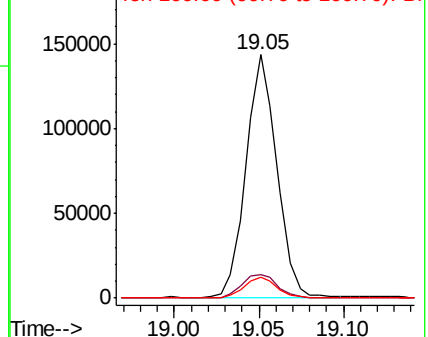


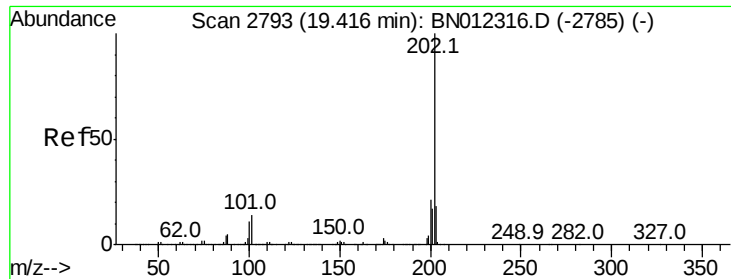
Abundance

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

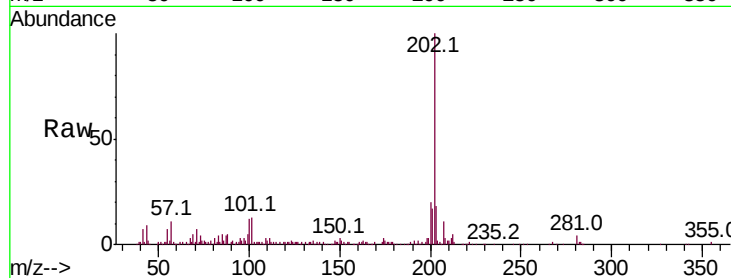




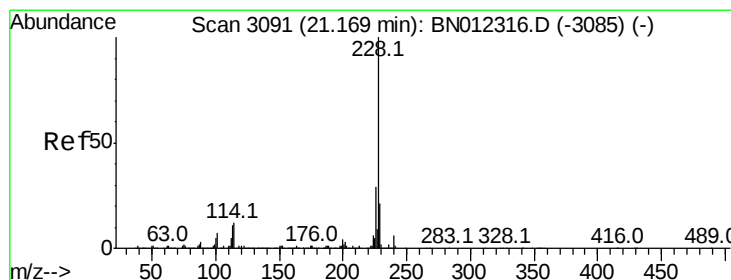
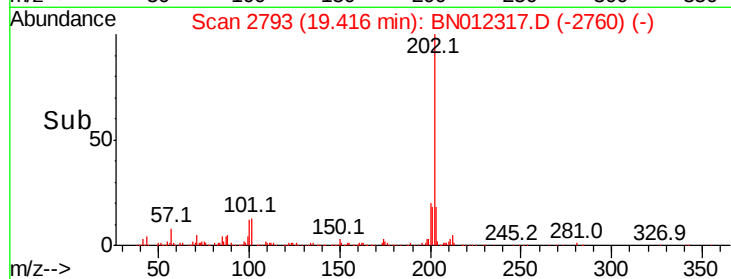
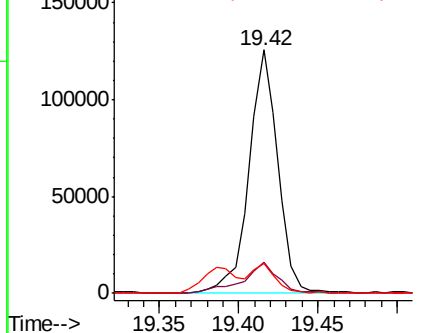
#80
Pvrene
Concen: 1.617 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN012317.D
Acq: 18 Oct 2020 06:59

Instrument :
BNA_N
ClientSampleId :
C0AK4

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.2	16.8
100	12.3	8.9	13.3

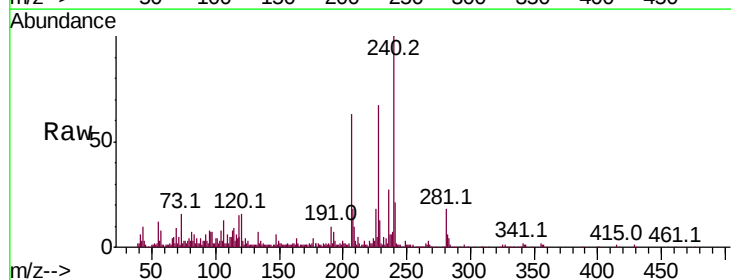


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

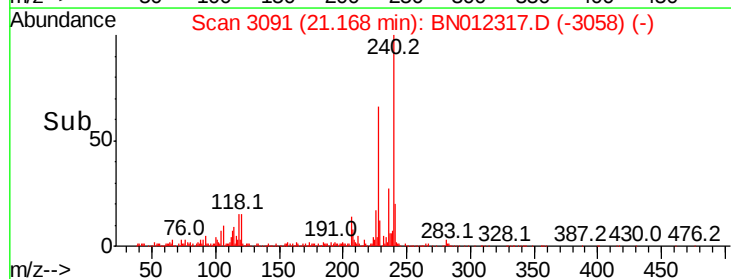
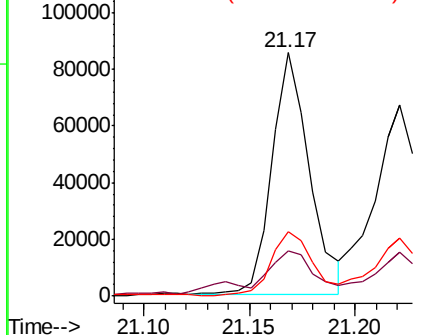


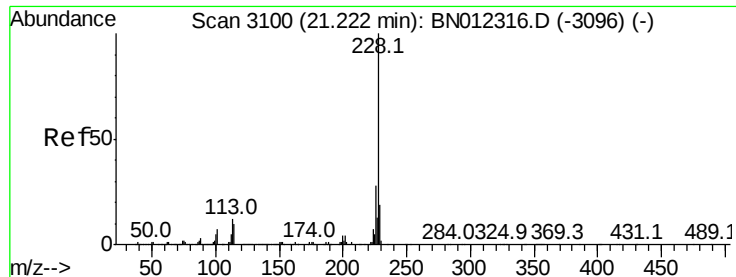
#83
Benzo(a)anthracene
Concen: 1.179 ng/ul
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BN012317.D
Acq: 18 Oct 2020 06:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.8	15.9	23.9
226	26.4	23.5	35.3



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





#85

Chrysene

Concen: 1.231 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.06 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

Instrument :

BNA_N

ClientSampleId :

C0AK4

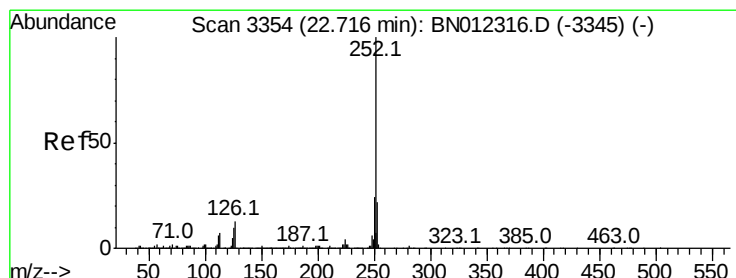
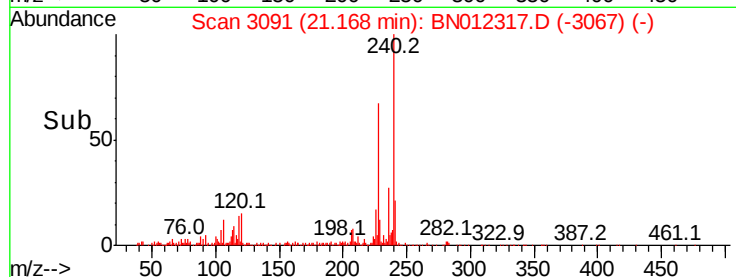
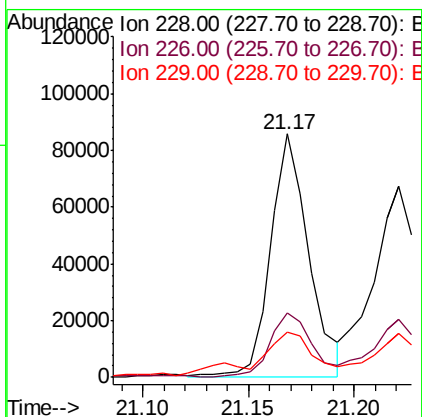
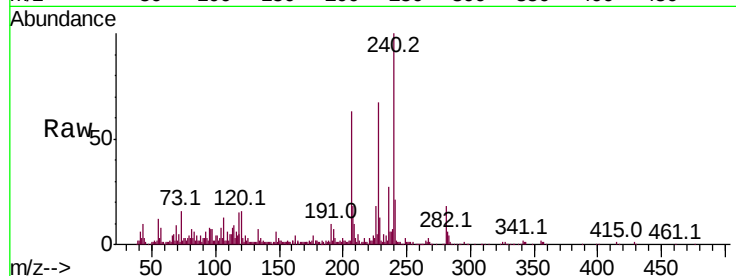
Tot Ion:228 Resp: 107884

Ion Ratio Lower Upper

228 100

226 26.4 21.8 32.6

229 18.8 14.6 21.8



#88

Benzo(b)fluoranthene

Concen: 1.610 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

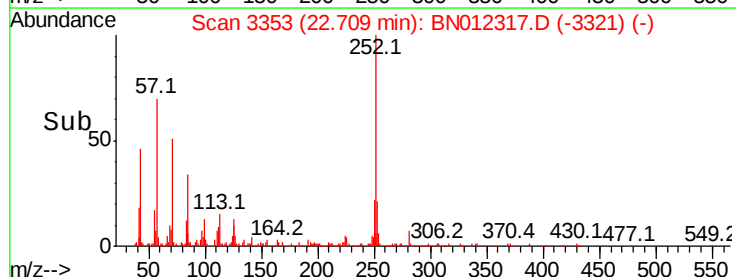
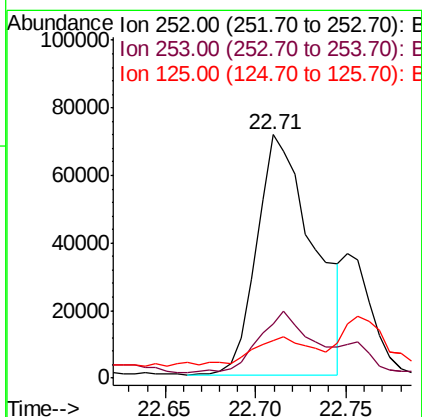
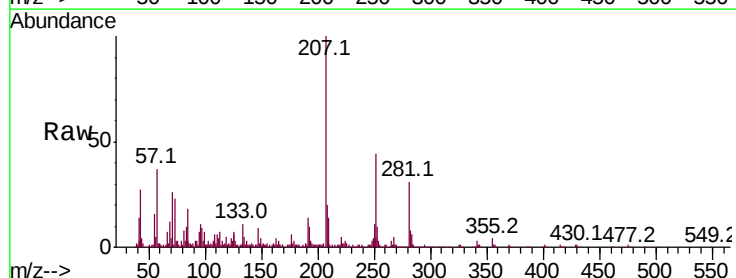
Tgt Ion:252 Resp: 154834

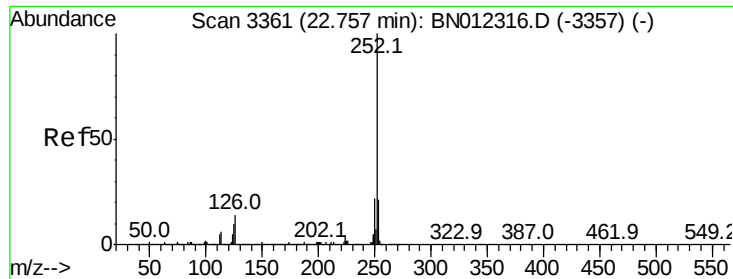
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 15.3 7.9 11.9#





#89

Benzo(k)fluoranthene

Concen: 1.659 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.05 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

Instrument :

BNA_N

ClientSampleId :

C0AK4

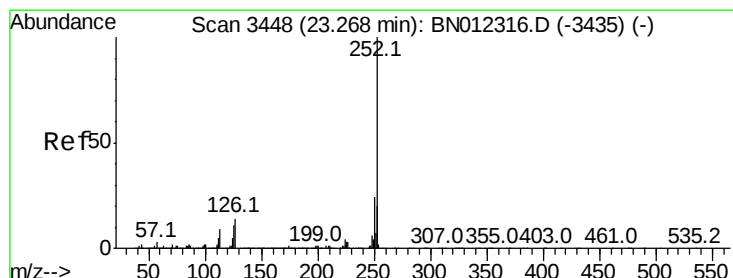
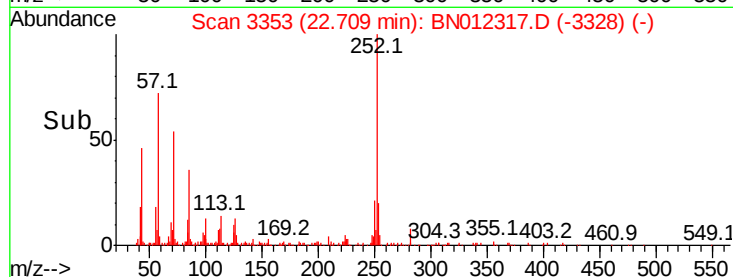
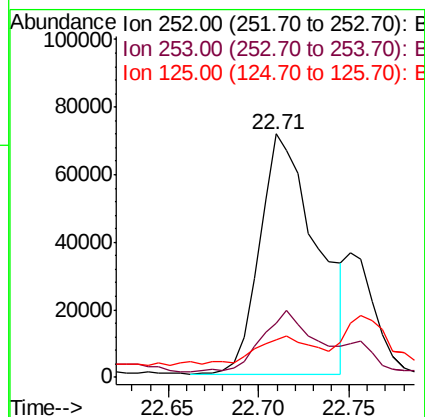
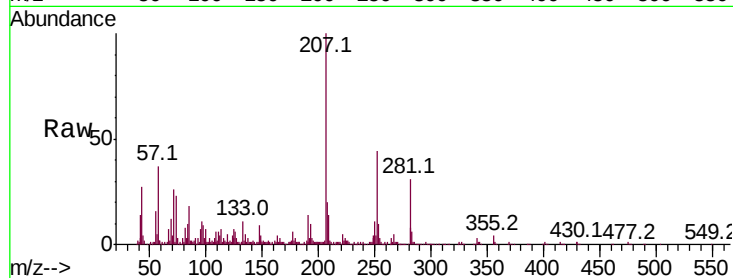
Tot Ion:252 Resp: 154834

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 15.3 7.6 11.4#



#91

Benzo(a)pyrene

Concen: 1.059 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. -0.01 min

Lab File: BN012317.D

Acq: 18 Oct 2020 06:59

Tgt Ion:252 Resp: 93289

Ion Ratio Lower Upper

252 100

253 29.4 18.2 27.4#

125 22.0 9.3 13.9#

