

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010439.D
 Acq On : 08 Apr 2020 20:32
 Operator : CG/JU
 Sample : L2155-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 09 02:00:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 08 13:35:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	491009	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2037338	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.24	164	1333014	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	2929575	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	2694686	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2379046	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	57648	5.55	ng/uL	0.00
5) Phenol-d5	6.80	99	1255826	30.66	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	694023	32.34	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	1133170	34.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	991101	28.64	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	584224	38.62	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	665766	41.57	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	1221975	36.80	ng/ul	0.02
29) 4-Chloroaniline-d4	10.51	131	1129721	28.78	ng/ul	0.01
44) Dimethylphthalate-d6	13.66	166	3743752	37.22	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	4662583	39.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	566214	29.97	ng/ul	0.02
58) Fluorene-d10	15.24	176	3379432	38.55	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.36	200	187578	11.18	ng/ul	0.01
71) Anthracene-d10	17.09	188	5238495	38.94	ng/ul	0.01
79) Pyrene-d10	19.39	212	5640678	40.62	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.23	264	4699267	39.70	ng/ul	0.01

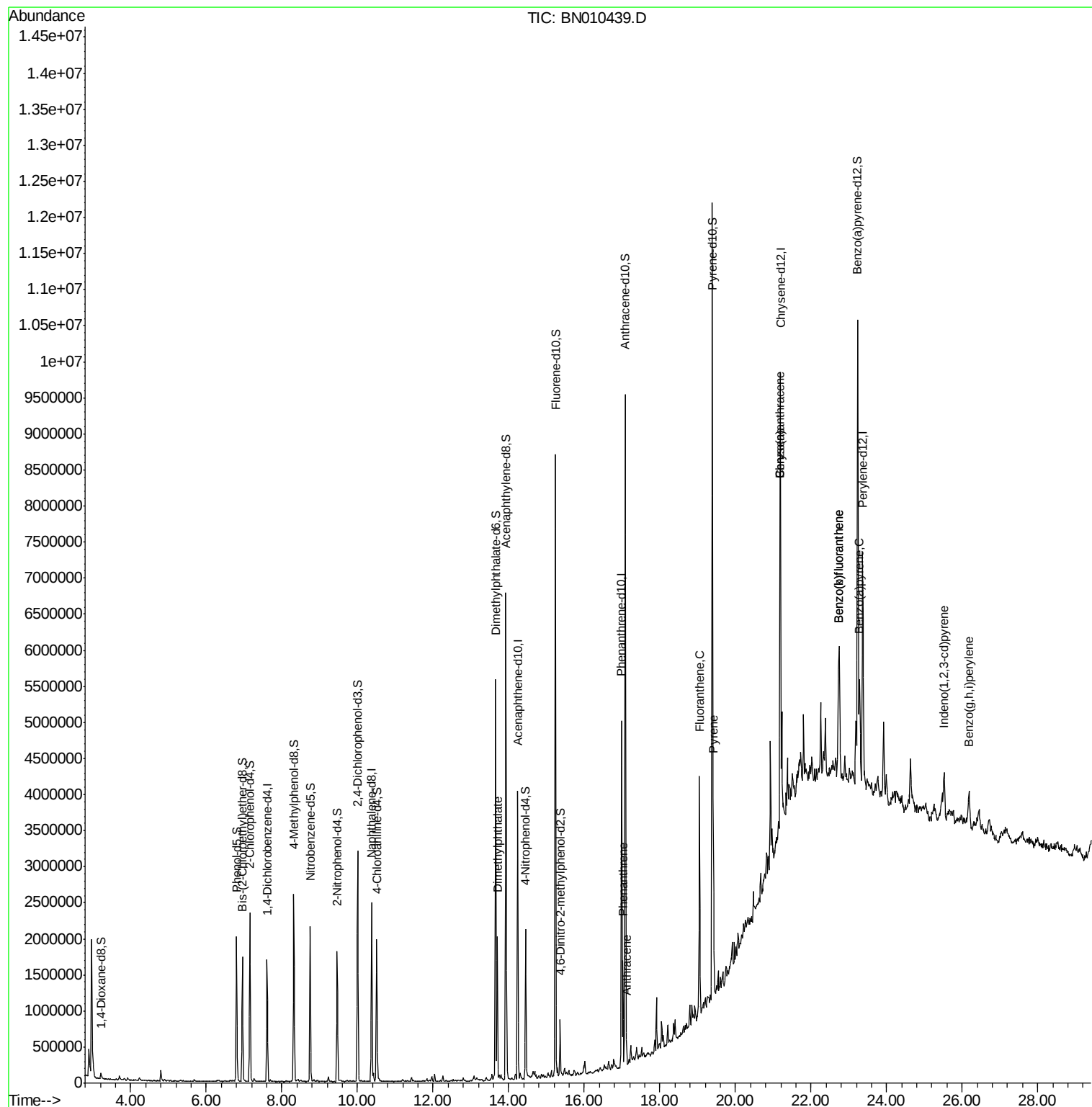
Target Compounds					Ovalue	
45) Dimethylphthalate	13.70	163	1295194	12.470	ng/ul	99
70) Phenanthrene	17.03	178	898493	5.535	ng/ul	99
72) Anthracene	17.12	178	180996	1.115	ng/ul	99
77) Fluoranthene	19.05	202	1959933	11.337	ng/ul	98
80) Pyrene	19.42	202	1684879	9.351	ng/ul#	94
83) Benzo(a)anthracene	21.17	228	813304	4.492	ng/ul	95
85) Chrysene	21.17	228	846589	4.904	ng/ul	98
88) Benzo(b)fluoranthene	22.73	252	1262345	8.762	ng/ul#	92
89) Benzo(k)fluoranthene	22.73	252	1262345	9.020	ng/ul	97
91) Benzo(a)pyrene	23.27	252	781037	5.791	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.52	276	585729	3.365	ng/ul	95
94) Benzo(g,h,i)perylene	26.18	276	485186	3.308	ng/ul	96

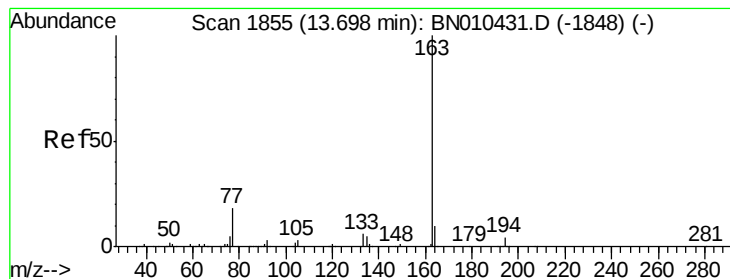
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040820\
Data File : BN010439.D
Acq On : 08 Apr 2020 20:32
Operator : CG/JU
Sample : L2155-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Apr 09 02:00:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 08 13:35:12 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 12.470 ng/ul

RT: 13.70 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

Instrument :

BNA_N

ClientSampleId :

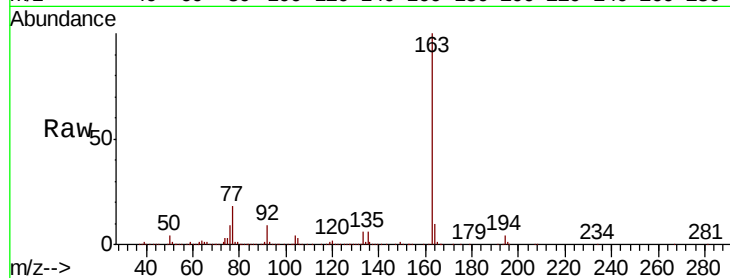
Tot Ion:163 Resp: 1295194

Ion Ratio Lower Upper

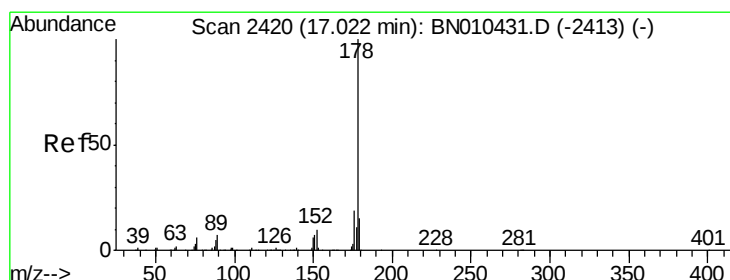
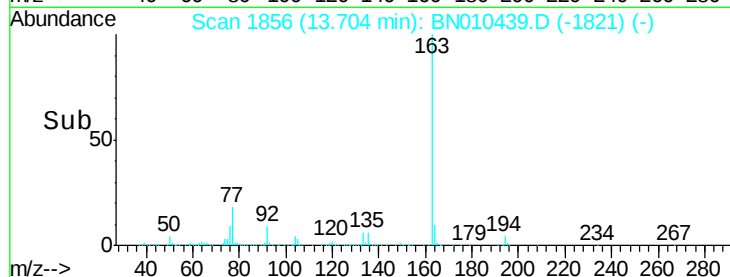
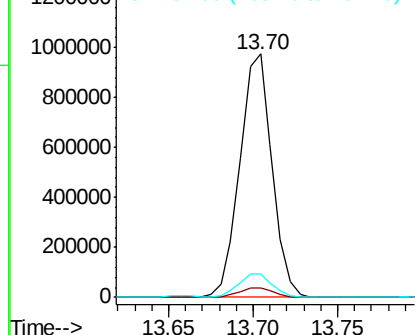
163 100

194 3.9 3.7 5.5

164 9.7 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



#70

Phenanthrene

Concen: 5.535 ng/ul

RT: 17.03 min Scan# 2421

Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

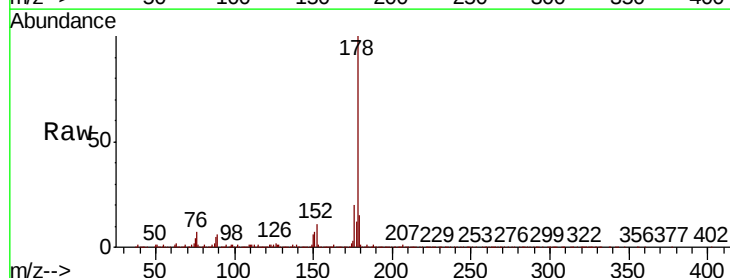
Tgt Ion:178 Resp: 898493

Ion Ratio Lower Upper

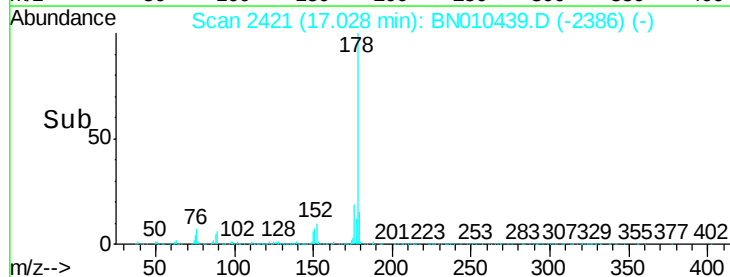
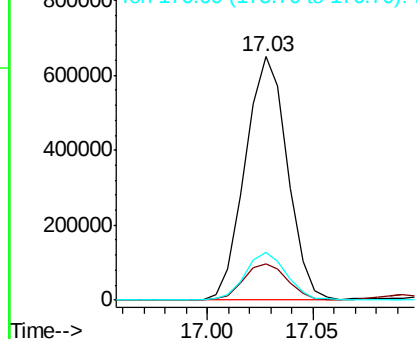
178 100

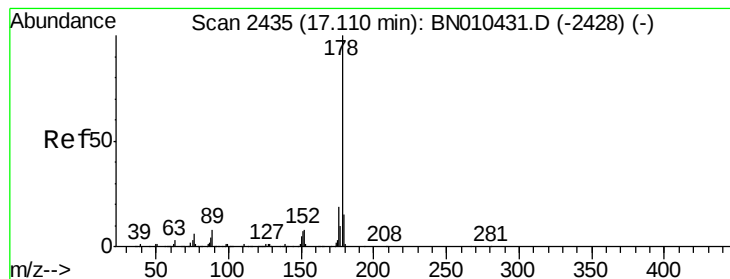
179 15.1 11.9 17.9

176 19.6 15.4 23.2



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: 1.115 ng/ul

RT: 17.12 min Scan# 2437

Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

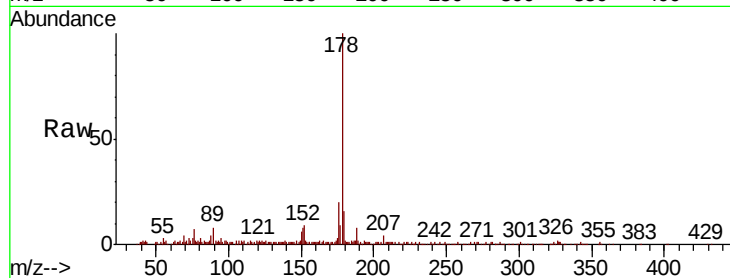
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 180996

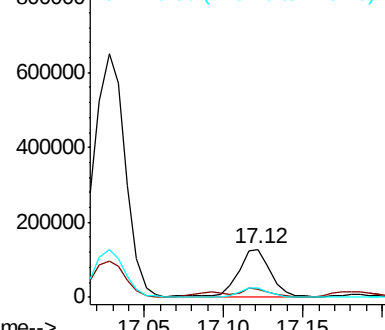
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.7	15.2	22.8



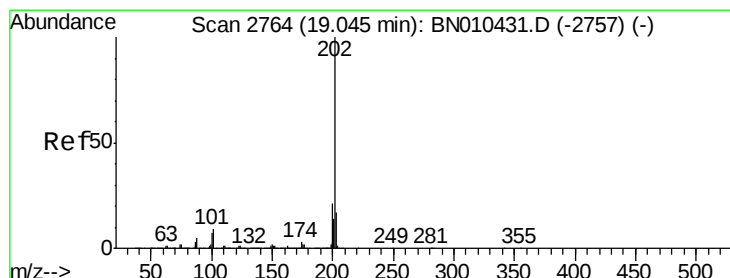
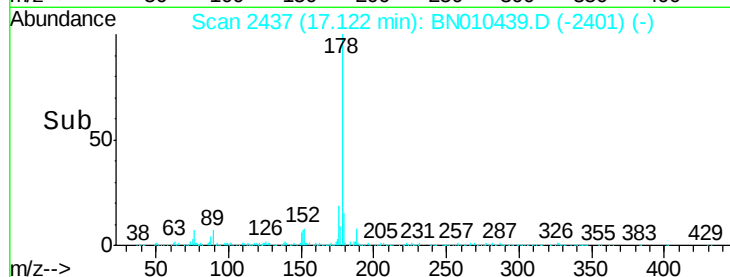
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 11.337 ng/ul

RT: 19.05 min Scan# 2765

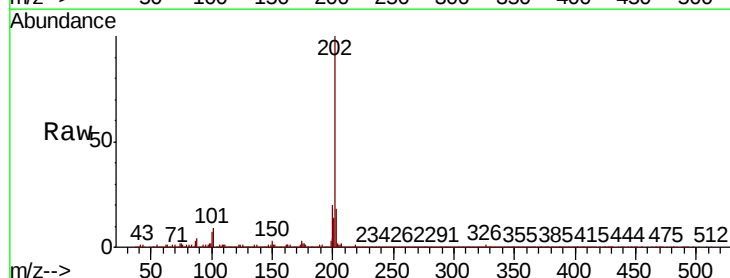
Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

Tgt Ion:202 Resp: 1959933

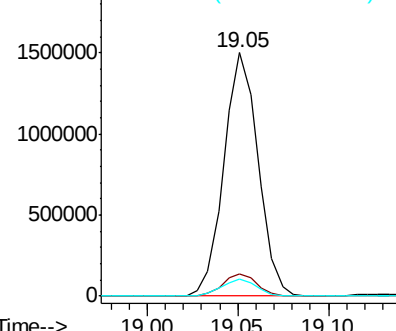
Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.1	12.1
100	6.8	6.2	9.4



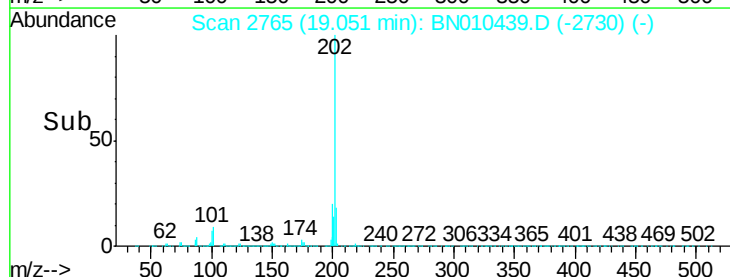
Abundance Ion 202.00 (201.70 to 202.70): E

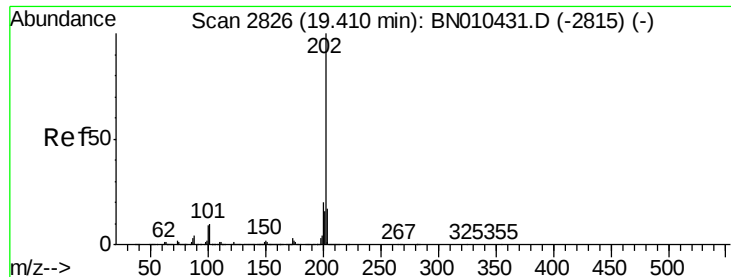
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->

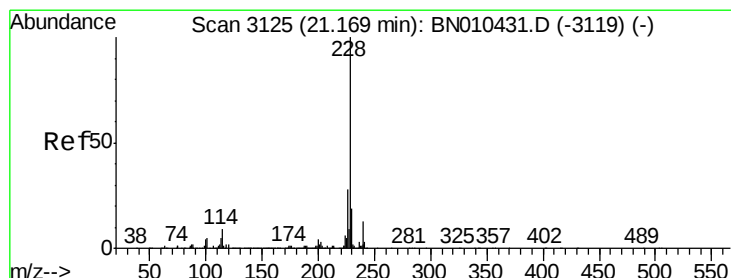
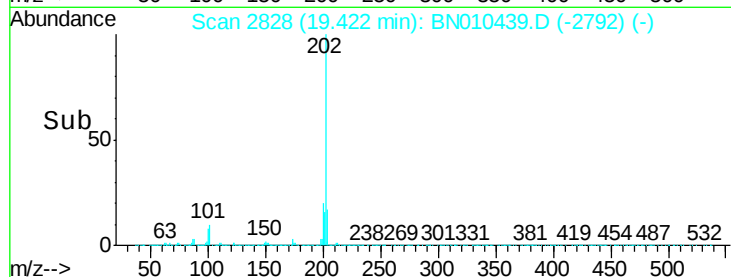
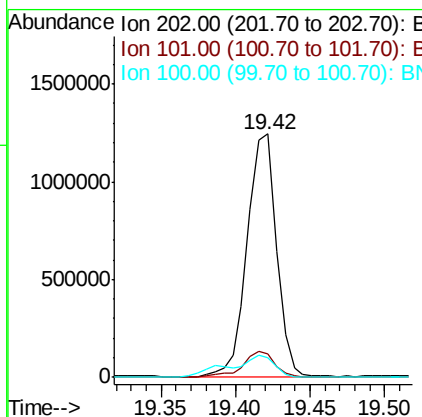
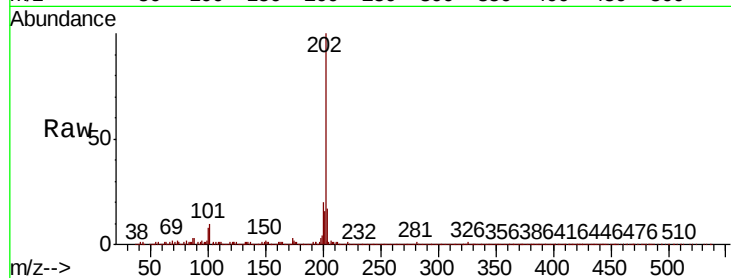




#80
Pvrene
Concen: 9.351 ng/ul
RT: 19.42 min Scan# 2828
Delta R.T. 0.01 min
Lab File: BN010439.D
Acq: 08 Apr 2020 20:32

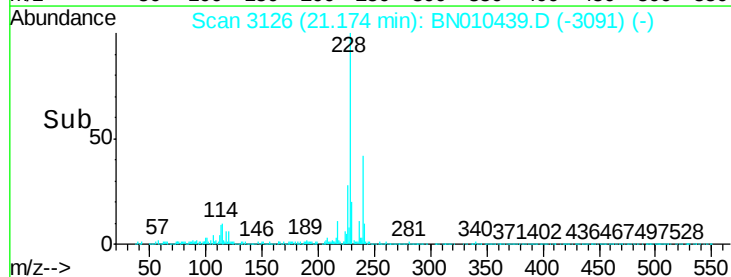
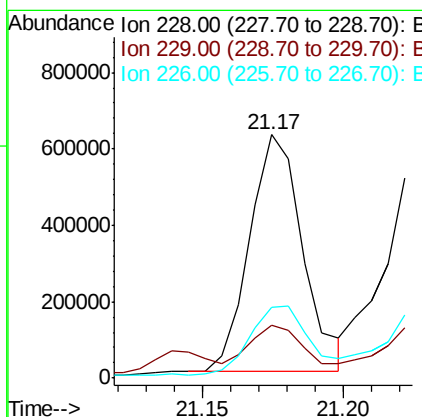
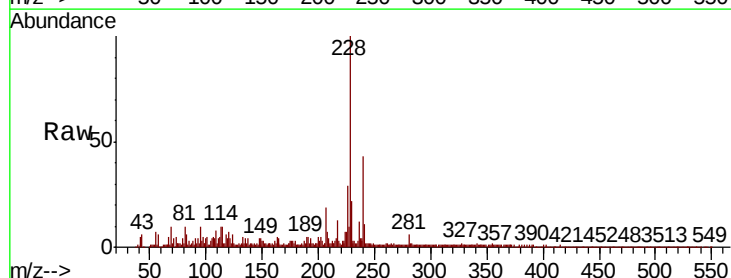
Instrument :
BNA_N
ClientSampleId :

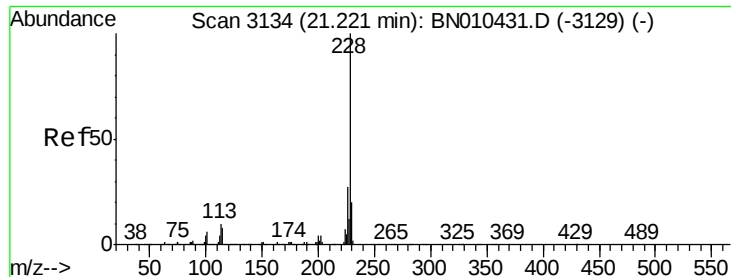
Tot Ion:202 Resp: 1684879
Ion Ratio Lower Upper
202 100
101 9.5 9.6 14.4#
100 8.3 8.1 12.1



#83
Benzo(a)anthracene
Concen: 4.492 ng/ul
RT: 21.17 min Scan# 3126
Delta R.T. 0.01 min
Lab File: BN010439.D
Acq: 08 Apr 2020 20:32

Tgt Ion:228 Resp: 813304
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 29.1 21.0 31.6





#85

Chrysene

Concen: 4.904 ng/ul

RT: 21.17 min Scan# 3126

Delta R.T. -0.05 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

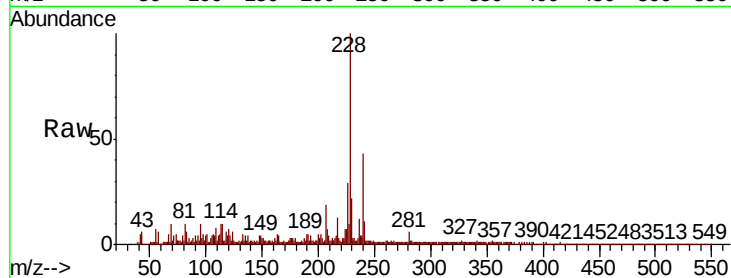
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 846589

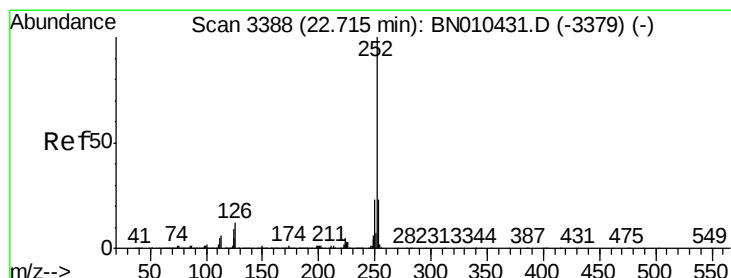
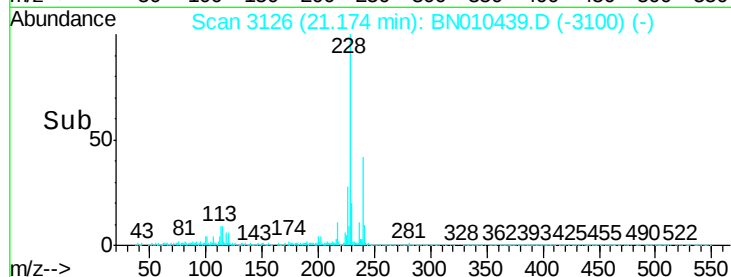
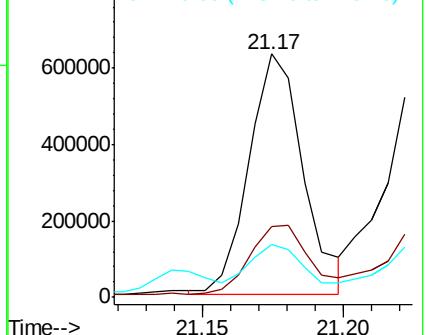
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	21.6	15.7	23.5



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



#88

Benzo(b)fluoranthene

Concen: 8.762 ng/ul

RT: 22.73 min Scan# 3390

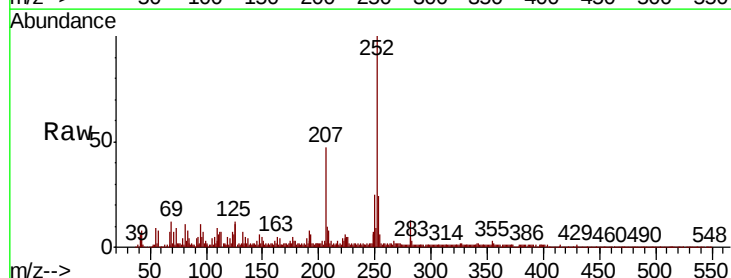
Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

Tgt Ion:252 Resp: 1262345

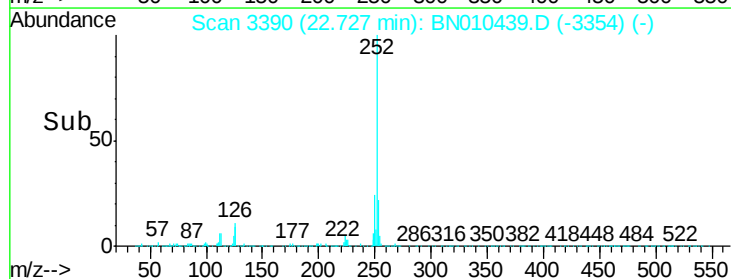
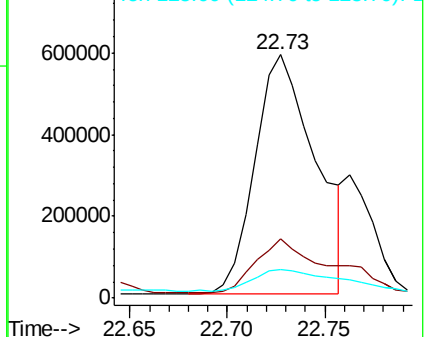
Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.0	24.0#
125	11.8	7.4	11.0#

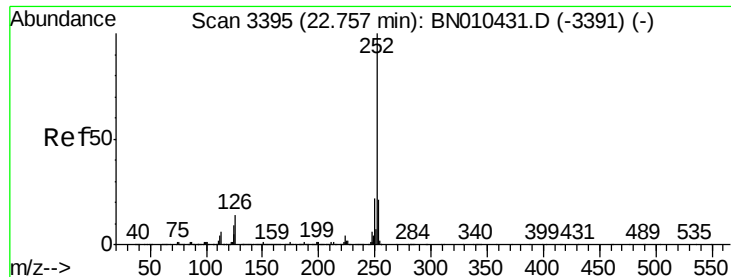


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.020 ng/u1

RT: 22.73 min Scan# 3390

Delta R.T. -0.03 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

Instrument :

BNA_N

ClientSampleId :

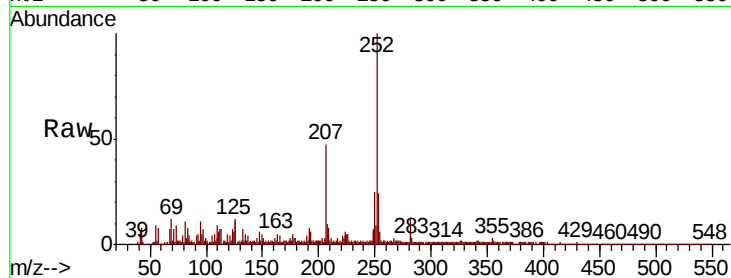
Tot Ion:252 Resp: 1262345

Ion Ratio Lower Upper

252 100

253 24.1 18.6 27.8

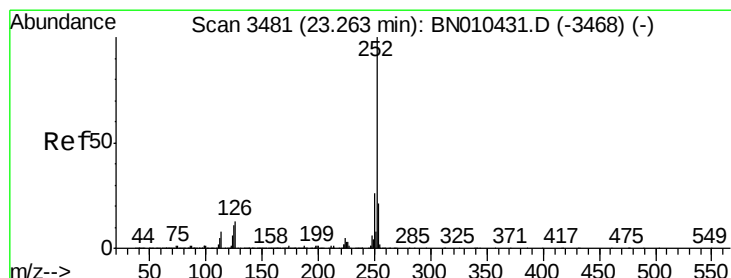
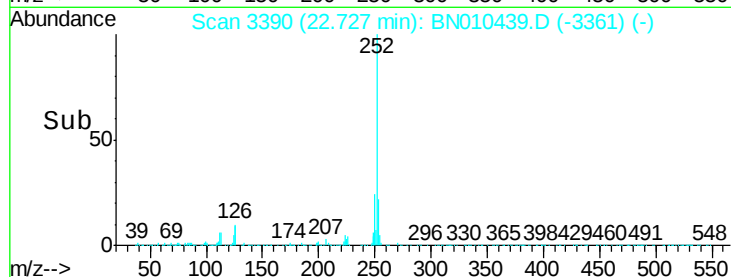
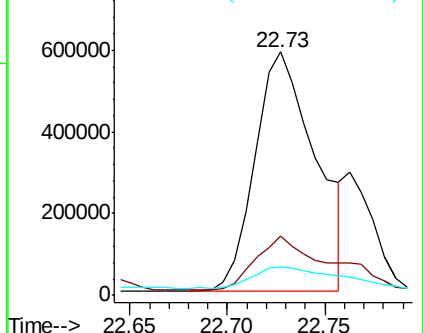
125 11.8 8.1 12.1



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



#91

Benzo(a)pyrene

Concen: 5.791 ng/u1

RT: 23.27 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BN010439.D

Acq: 08 Apr 2020 20:32

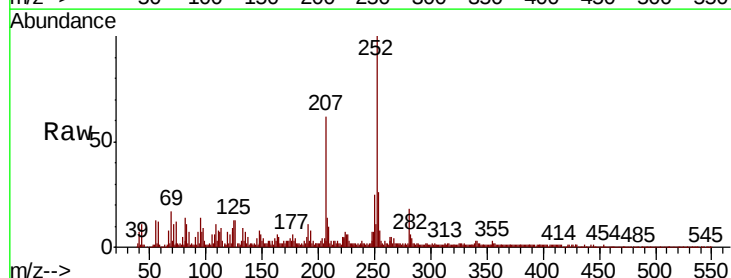
Tgt Ion:252 Resp: 781037

Ion Ratio Lower Upper

252 100

253 25.6 18.6 27.8

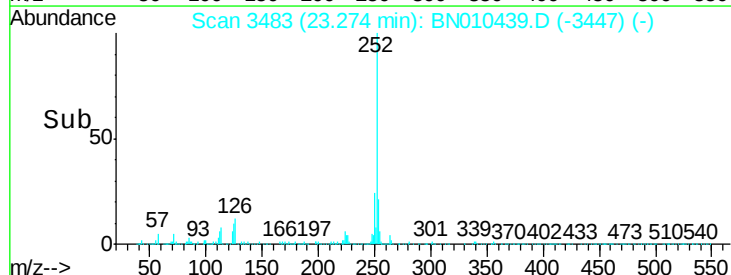
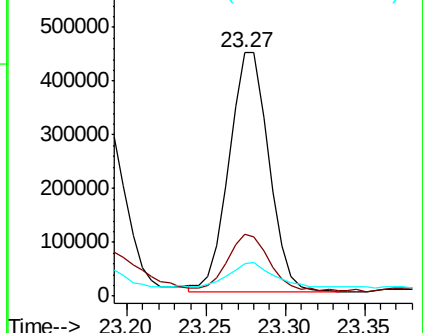
125 13.1 8.9 13.3

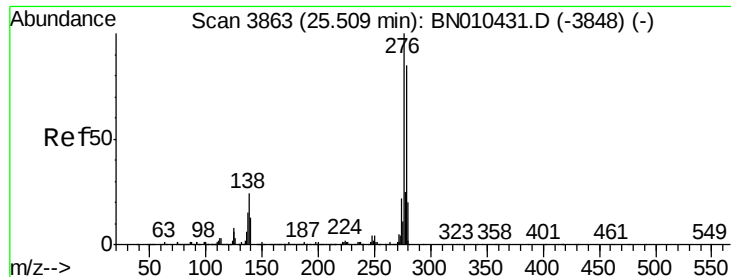


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



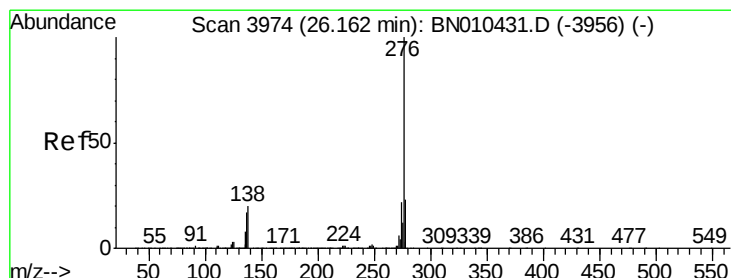
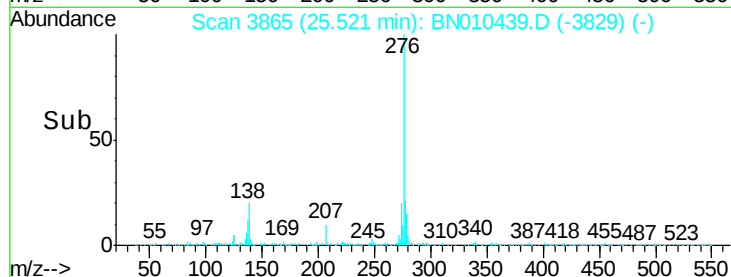
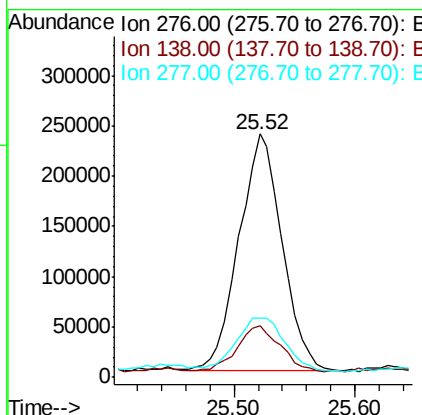
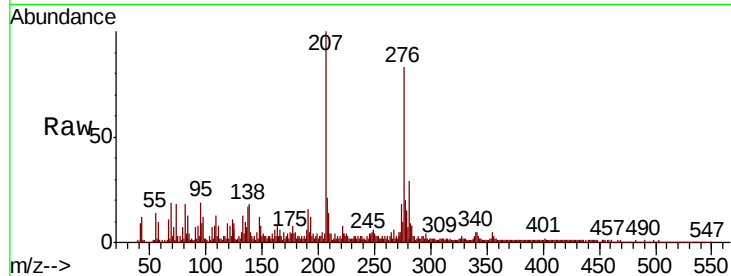


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.365 ng/ul
RT: 25.52 min Scan# 3865
Delta R.T. 0.01 min
Lab File: BN010439.D
Acq: 08 Apr 2020 20:32

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	19.8	29.8
277	24.1	20.6	30.8



#94

Benzo(g,h,i)perylene
Concen: 3.308 ng/ul
RT: 26.18 min Scan# 3977
Delta R.T. 0.02 min
Lab File: BN010439.D
Acq: 08 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.8	25.2
277	25.5	18.4	27.6

