

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010447.D
 Acq On : 09 Apr 2020 02:05
 Operator : CG/JU
 Sample : L2155-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD00551

Quant Time: Apr 09 03:16:19 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	572116	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2414882	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	1537035	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3537813	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	3286558	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	2941524	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	34538	2.85	ng/uL	0.00
5) Phenol-d5	6.79	99	836666	17.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	434400	17.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	731261	19.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	605354	15.01	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	368211	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	400733	21.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	784861	19.94	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	664575	14.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2568568	22.15	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3086029	22.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	335967	15.42	ng/ul	0.00
58) Fluorene-d10	15.23	176	2260331	22.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	164362	8.11	ng/ul	0.00
71) Anthracene-d10	17.08	188	3595415	22.13	ng/ul	0.00
79) Pyrene-d10	19.38	212	4335415	25.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	3492980	23.87	ng/ul	0.00

Target Compounds

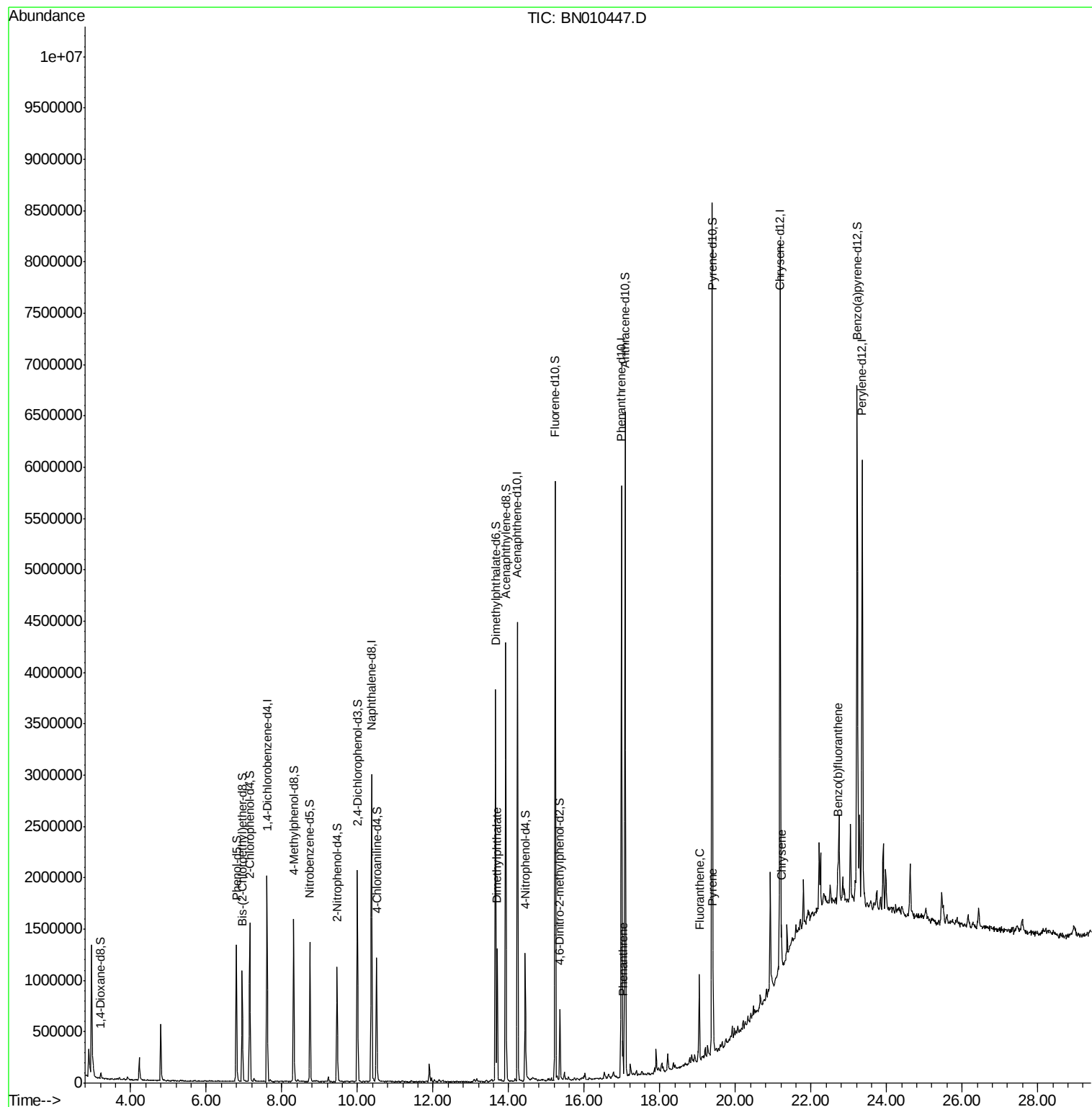
					Ovalue
45) Dimethylphthalate	13.70	163	818465	6.834 ng/ul	98
70) Phenanthrene	17.02	178	209539	1.069 ng/ul	100
77) Fluoranthene	19.04	202	491011	2.352 ng/ul	98
80) Pyrene	19.41	202	417232	1.899 ng/ul	97
85) Chrysene	21.22	228	234760	1.115 ng/ul	98
88) Benzo(b)fluoranthene	22.72	252	301971	1.695 ng/ul#	87

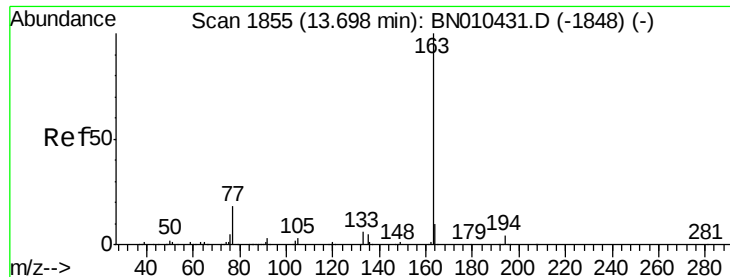
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 6.834 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BN010447.D

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Instrument :

BNA_N

ClientSampleId :

SSTD00551

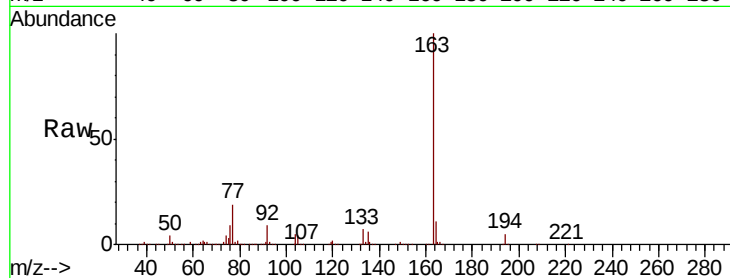
Tot Ion:163 Resp: 818465

Ion Ratio Lower Upper

163 100

194 4.7 3.7 5.5

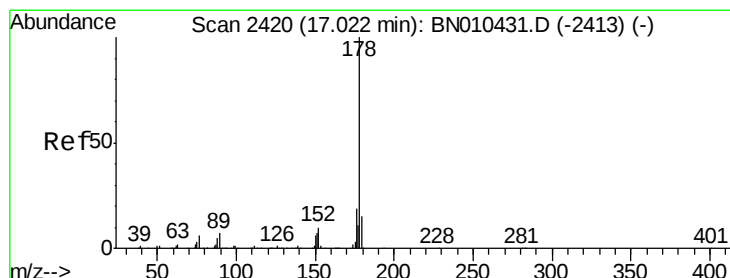
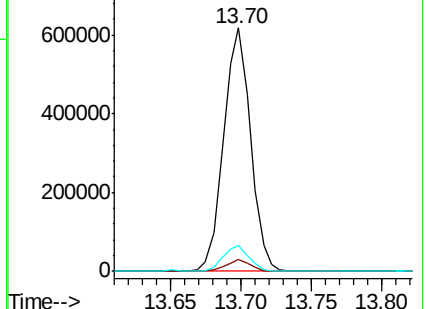
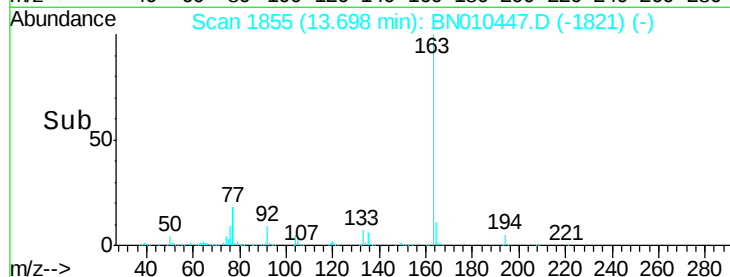
164 10.8 8.0 12.0



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: 1.069 ng/ul

RT: 17.02 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BN010447.D

Acq: 09 Apr 2020 02:05

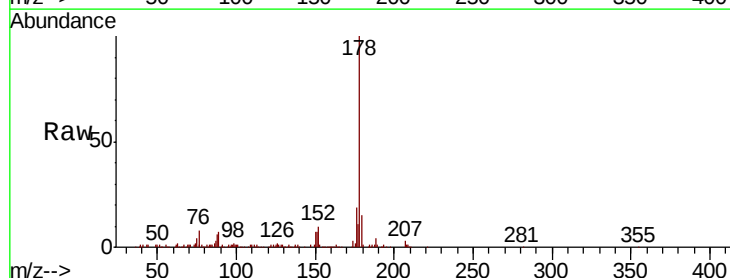
Tgt Ion:178 Resp: 209539

Ion Ratio Lower Upper

178 100

179 15.1 11.9 17.9

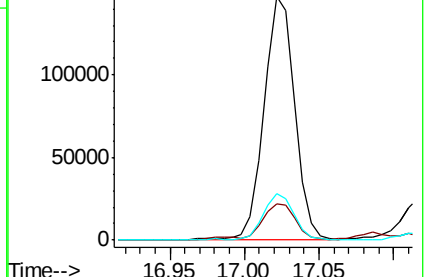
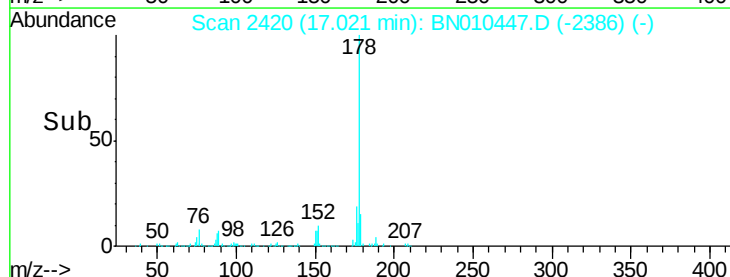
176 19.4 15.4 23.2

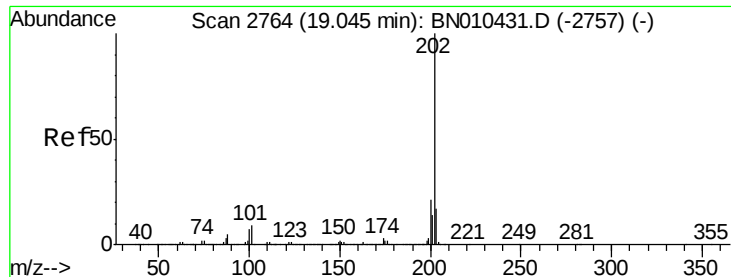


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

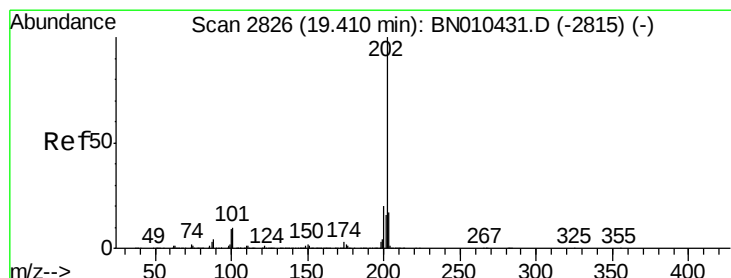
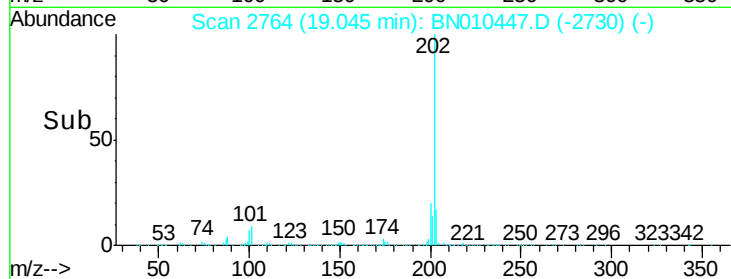
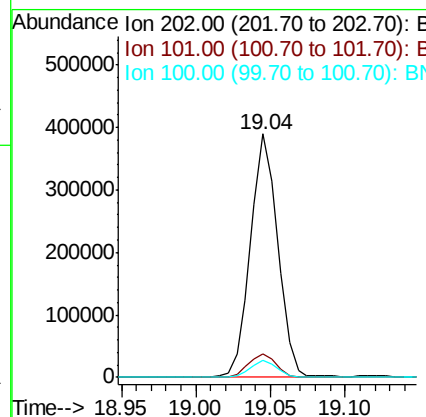
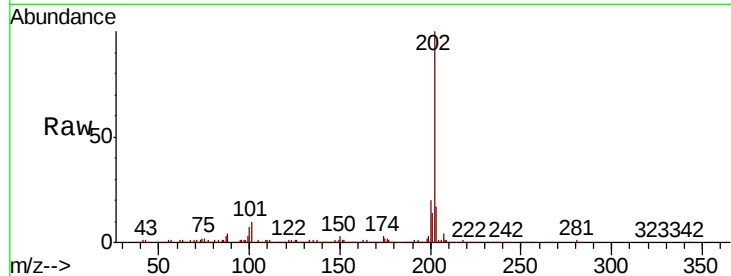




#77
 Fluoranthene
 Concen: 2.352 ng/ul
 RT: 19.04 min Scan# 2764
 Delta R.T. -0.00 min
 Lab File: BN010447.D
 Acq: 09 Apr 2020 02:05

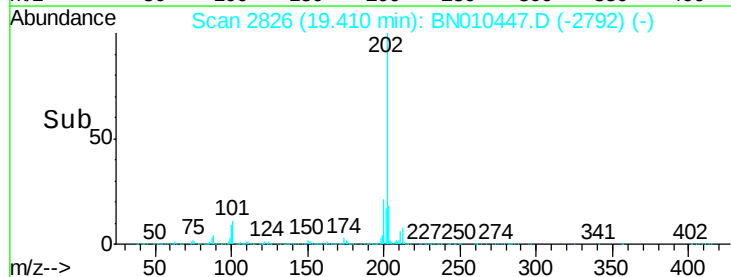
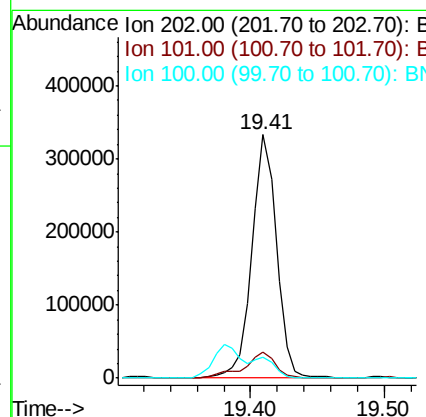
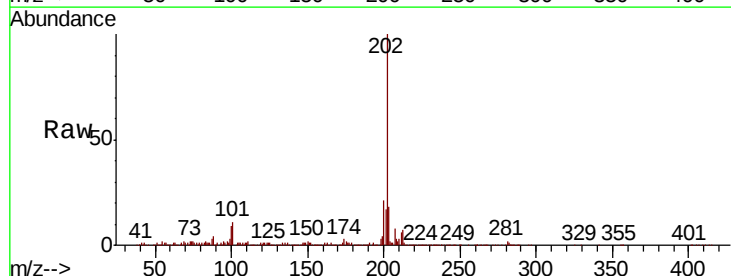
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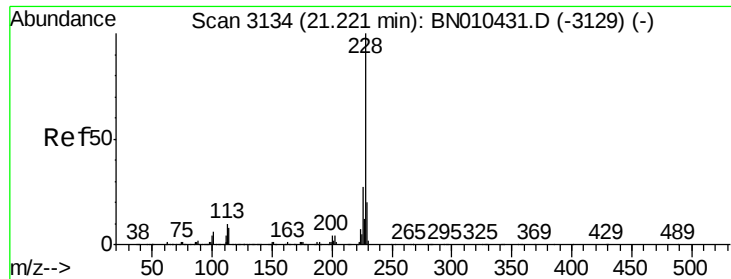
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.1	12.1
100	6.8	6.2	9.4



#80
 Pyrene
 Concen: 1.899 ng/ul
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.00 min
 Lab File: BN010447.D
 Acq: 09 Apr 2020 02:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.6	14.4
100	8.5	8.1	12.1





#85

Chrysene

Concen: 1.115 ng/ul

RT: 21.22 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BN010447.D

Acq: 09 Apr 2020 02:05

Instrument :

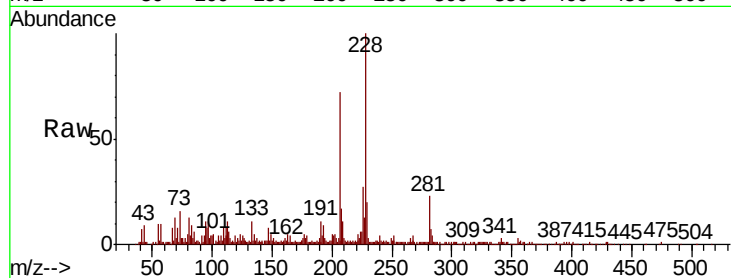
BNA_N

ClientSampleId :

SSTD00551

Tot Ion:228 Resp: 234760

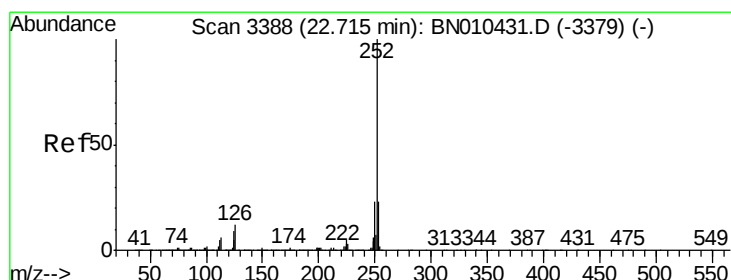
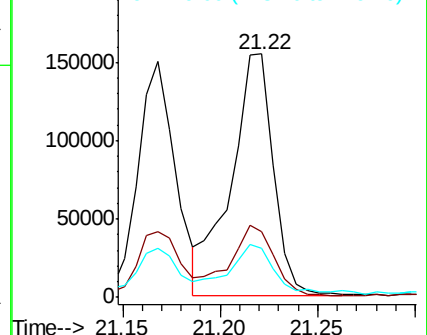
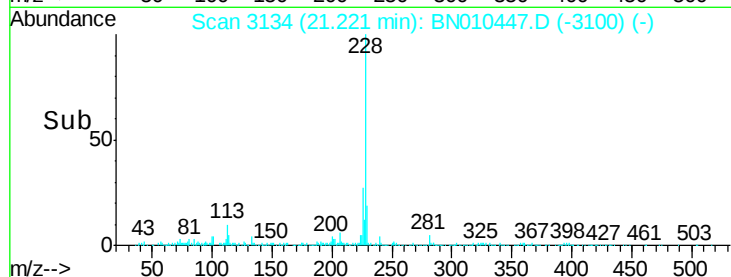
Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.0	34.6
229	20.4	15.7	23.5



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: 1.695 ng/ul

RT: 22.72 min Scan# 3388

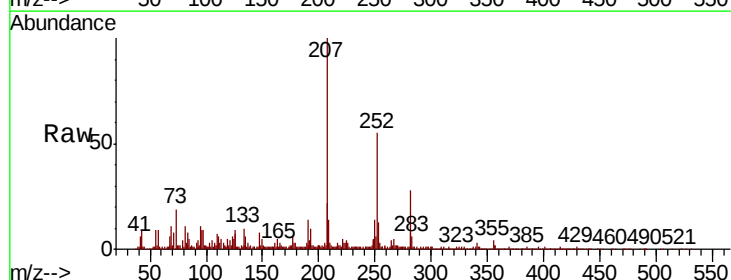
Delta R.T. -0.00 min

Lab File: BN010447.D

Acq: 09 Apr 2020 02:05

Tgt Ion:252 Resp: 301971

Ion	Ratio	Lower	Upper
252	100		
253	24.3	16.0	24.0#
125	16.4	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

