

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040820\
 Data File : BN010440.D
 Acq On : 08 Apr 2020 21:08
 Operator : CG/JU
 Sample : L2155-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 09 02:00:38 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	496566	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2070187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1337138	20.00	ng/ul	0.01
62) Phenanthrene-d10	16.99	188	2957810	20.00	ng/ul	0.01
78) Chrysene-d12	21.19	240	2770716	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	2560666	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	29700	2.83	ng/uL	0.00
5) Phenol-d5	6.80	99	636966	15.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	348696	16.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.15	132	575854	17.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	474963	13.57	ng/ul	0.01
19) Nitrobenzene-d5	8.75	128	295330	19.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	315368	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	601161	17.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	579995	14.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	1957447	19.40	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	2303872	19.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	291342	15.37	ng/ul	0.01
58) Fluorene-d10	15.23	176	1715428	19.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	81109	4.79	ng/ul	0.01
71) Anthracene-d10	17.09	188	2801909	20.63	ng/ul	0.01
79) Pyrene-d10	19.39	212	3377563	23.66	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	2839182	22.29	ng/ul	0.01

Target Compounds

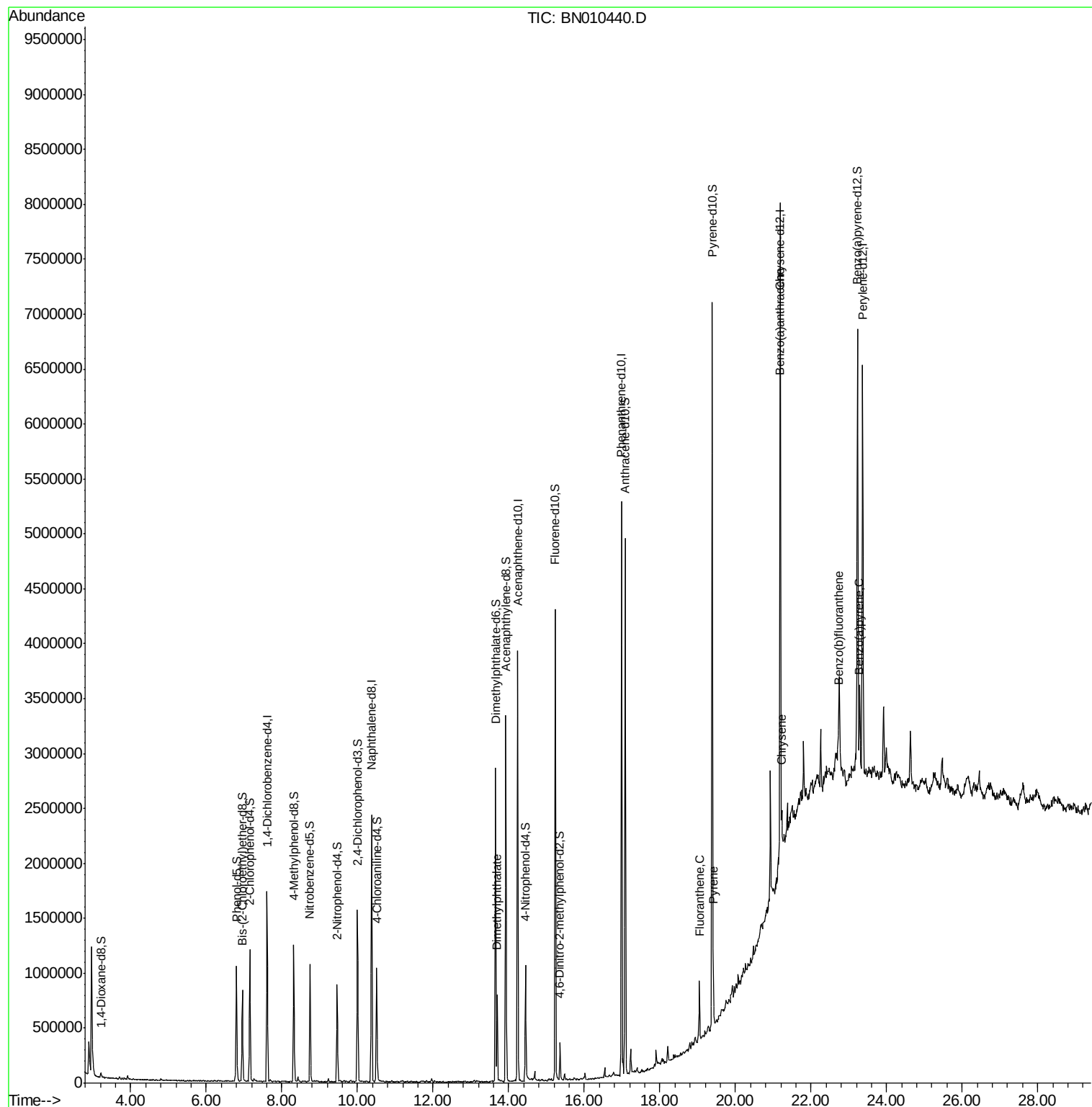
					Ovalue	
45) Dimethylphthalate	13.70	163	510676	4.902	ng/ul	97
77) Fluoranthene	19.05	202	316874	1.815	ng/ul	98
80) Pyrene	19.42	202	354716	1.915	ng/ul	96
83) Benzo(a)anthracene	21.17	228	189275	1.017	ng/ul#	87
85) Chrysene	21.23	228	203345	1.146	ng/ul	94
88) Benzo(b)fluoranthene	22.72	252	220799	1.424	ng/ul#	79
91) Benzo(a)pyrene	23.27	252	146544	1.009	ng/ul#	87

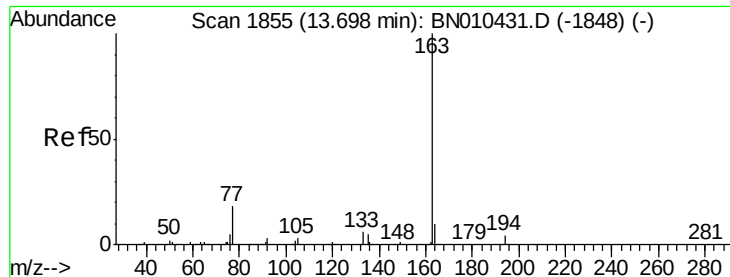
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 4.902 ng/ul

RT: 13.70 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BN010440.D

Acq: 08 Apr 2020 21:08

Instrument :

BNA_N

ClientSampled :

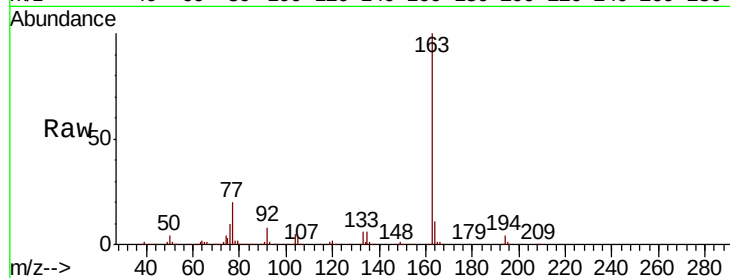
Tot Ion:163 Resp: 510676

Ion Ratio Lower Upper

163 100

194 3.7 3.7 5.5

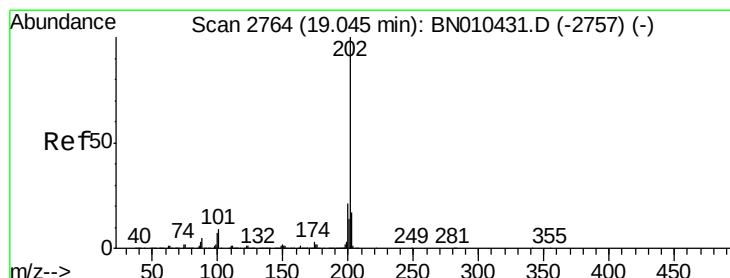
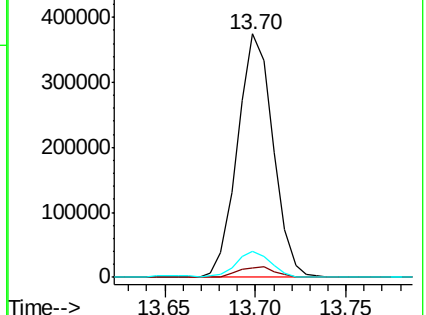
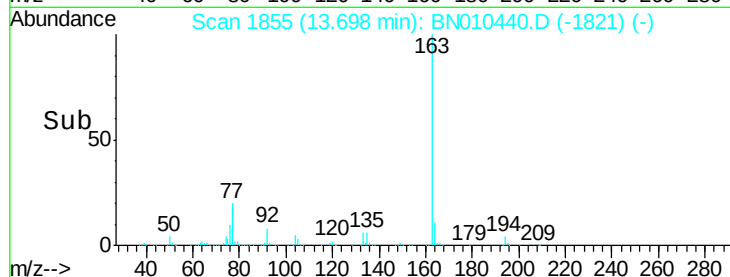
164 10.9 8.0 12.0



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



#77

Fluoranthene

Concen: 1.815 ng/ul

RT: 19.05 min Scan# 2765

Delta R.T. 0.01 min

Lab File: BN010440.D

Acq: 08 Apr 2020 21:08

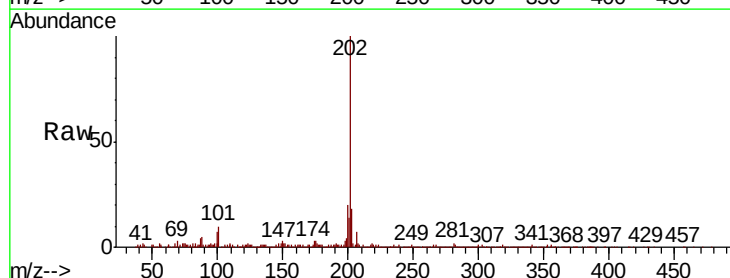
Tgt Ion:202 Resp: 316874

Ion Ratio Lower Upper

202 100

101 9.9 8.1 12.1

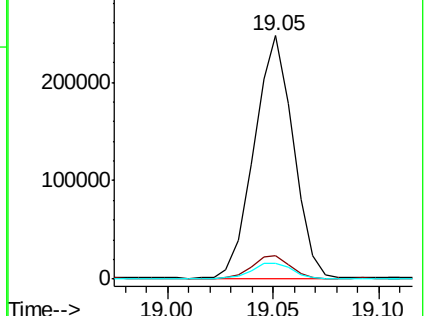
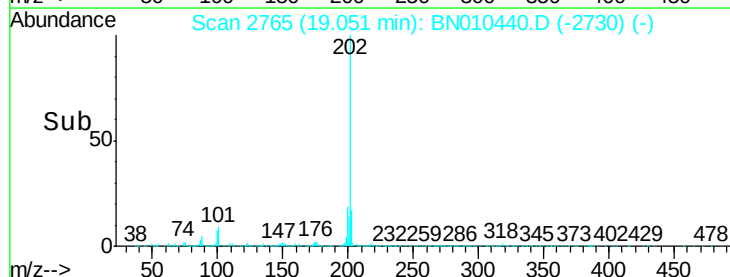
100 6.7 6.2 9.4

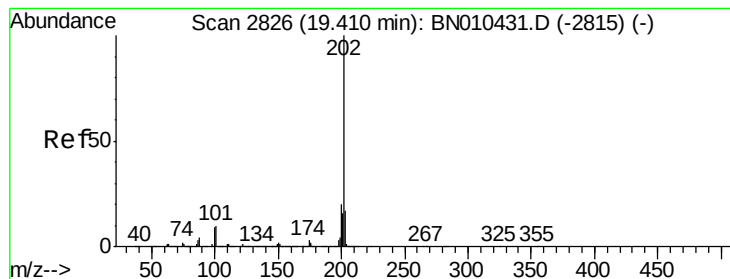


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 1.915 ng/ul

RT: 19.42 min Scan# 2827

Delta R.T. 0.01 min

Lab File: BN010440.D

Acq: 08 Apr 2020 21:08

Instrument :

BNA_N

ClientSampleId :

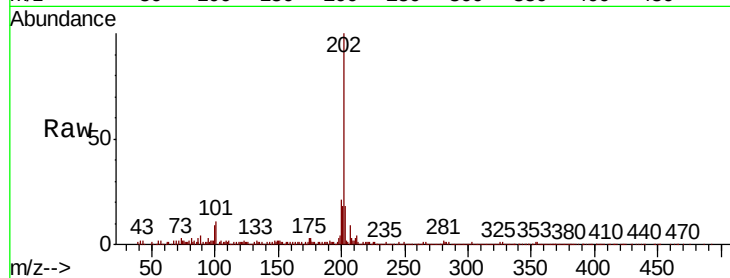
Tot Ion:202 Resp: 354716

Ion Ratio Lower Upper

202 100

101 10.6 9.6 14.4

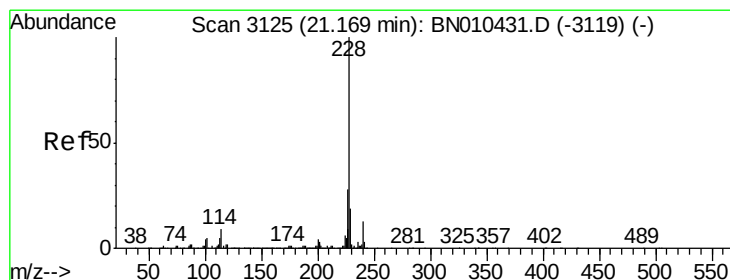
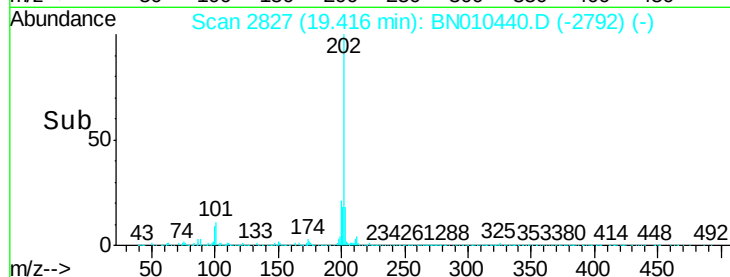
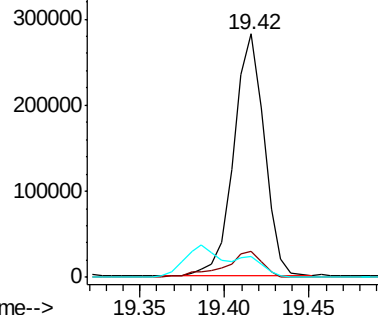
100 8.5 8.1 12.1



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: 1.017 ng/ul

RT: 21.17 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BN010440.D

Acq: 08 Apr 2020 21:08

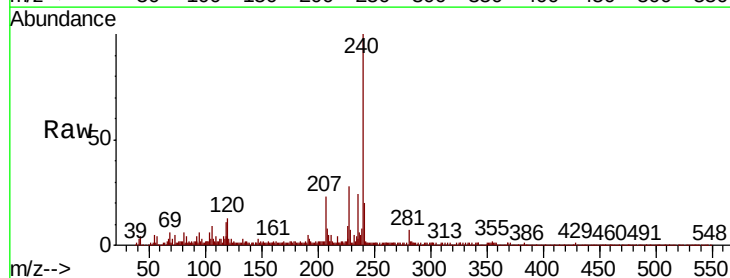
Tgt Ion:228 Resp: 189275

Ion Ratio Lower Upper

228 100

229 24.5 15.7 23.5#

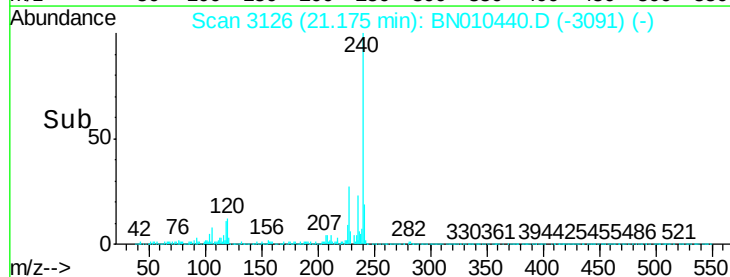
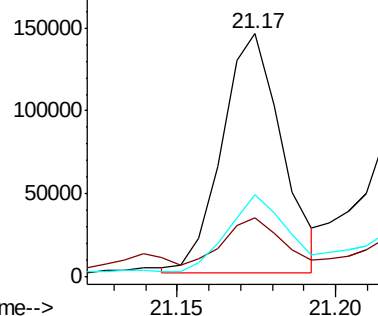
226 33.6 21.0 31.6#

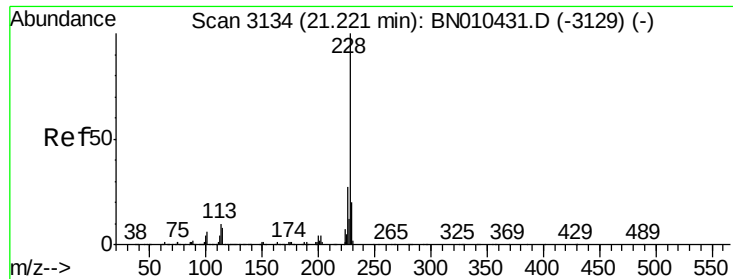


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

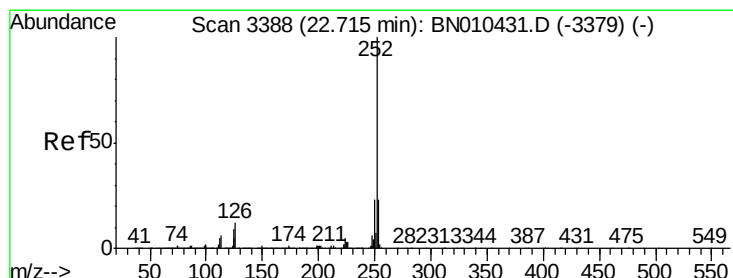
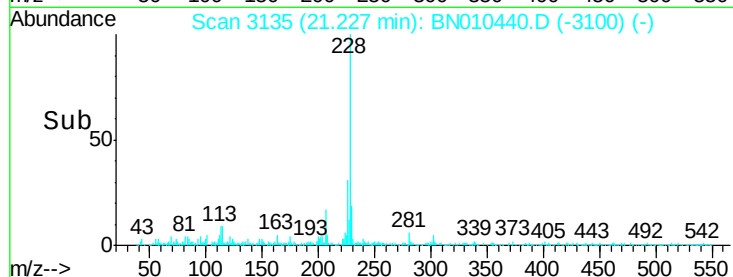
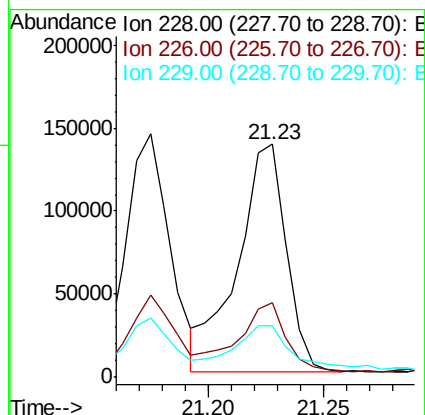
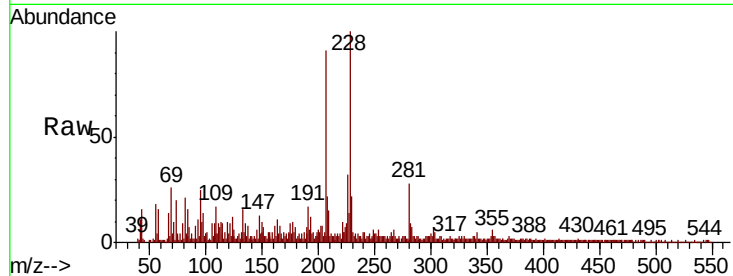




#85
 Chrysene
 Concen: 1.146 ng/ul
 RT: 21.23 min Scan# 3135
 Delta R.T. 0.01 min
 Lab File: BN010440.D
 Acq: 08 Apr 2020 21:08

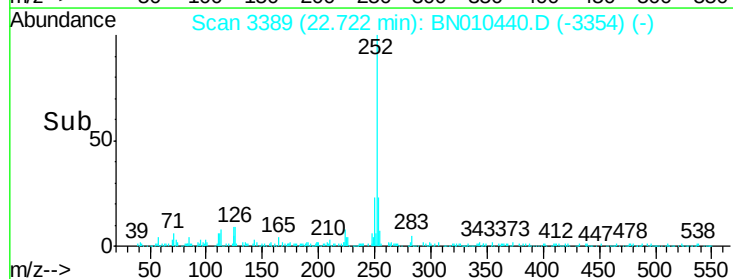
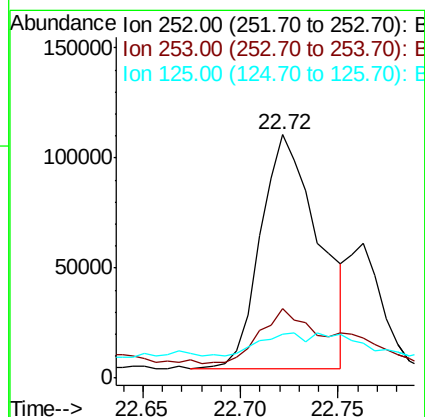
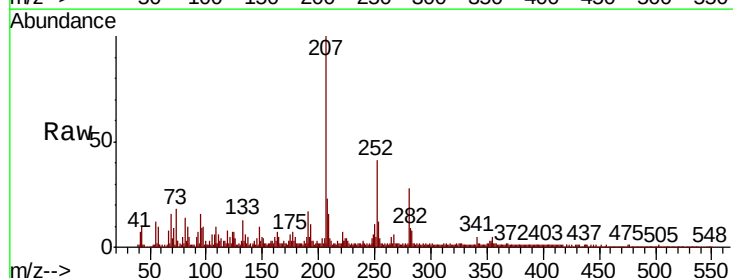
Instrument :
 BNA_N
 ClientSampled :

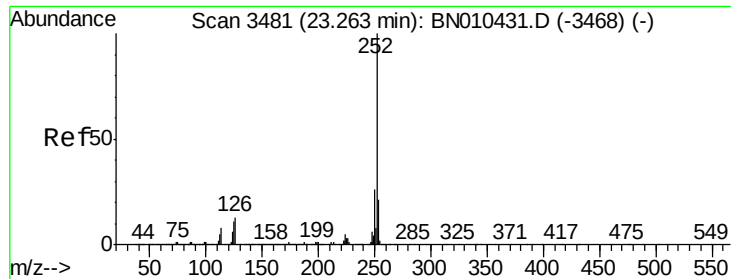
Tot	Ion:228	Resp:	203345
Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.6
229	22.3	15.7	23.5



#88
 Benzo(b)fluoranthene
 Concen: 1.424 ng/ul
 RT: 22.72 min Scan# 3389
 Delta R.T. 0.01 min
 Lab File: BN010440.D
 Acq: 08 Apr 2020 21:08

Tgt	Ion:252	Resp:	220799
Ion	Ratio	Lower	Upper
252	100		
253	28.8	16.0	24.0#
125	17.9	7.4	11.0#





#91

Benzo(a)pyrene

Concen: 1.009 ng/ul

RT: 23.27 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BN010440.D

Acq: 08 Apr 2020 21:08

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 146544

Ion Ratio Lower Upper

252 100

253 27.7 18.6 27.8

125 19.1 8.9 13.3#

