

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100520\
 Data File : BN012071.D
 Acq On : 06 Oct 2020 00:48
 Operator : CG/JU
 Sample : L4184-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AN1

Quant Time: Oct 06 04:07:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 06 00:53:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	269481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1075419	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	647934	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1351254	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1275867	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1444159	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20014	3.23	ng/uL	0.00
5) Phenol-d5	6.83	99	343865	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	248891	18.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	288919	15.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	244856	13.83	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	149452	17.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	157430	17.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	267197	15.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	325004	15.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1037468	20.41	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1034036	17.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	114453	12.23	ng/ul	0.00
58) Fluorene-d10	15.29	176	786344	17.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	117811	13.66	ng/ul	0.00
71) Anthracene-d10	17.14	188	1135938	17.34	ng/ul	0.00
79) Pyrene-d10	19.44	212	1232241	18.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1401239	17.29	ng/ul	0.00

Target Compounds

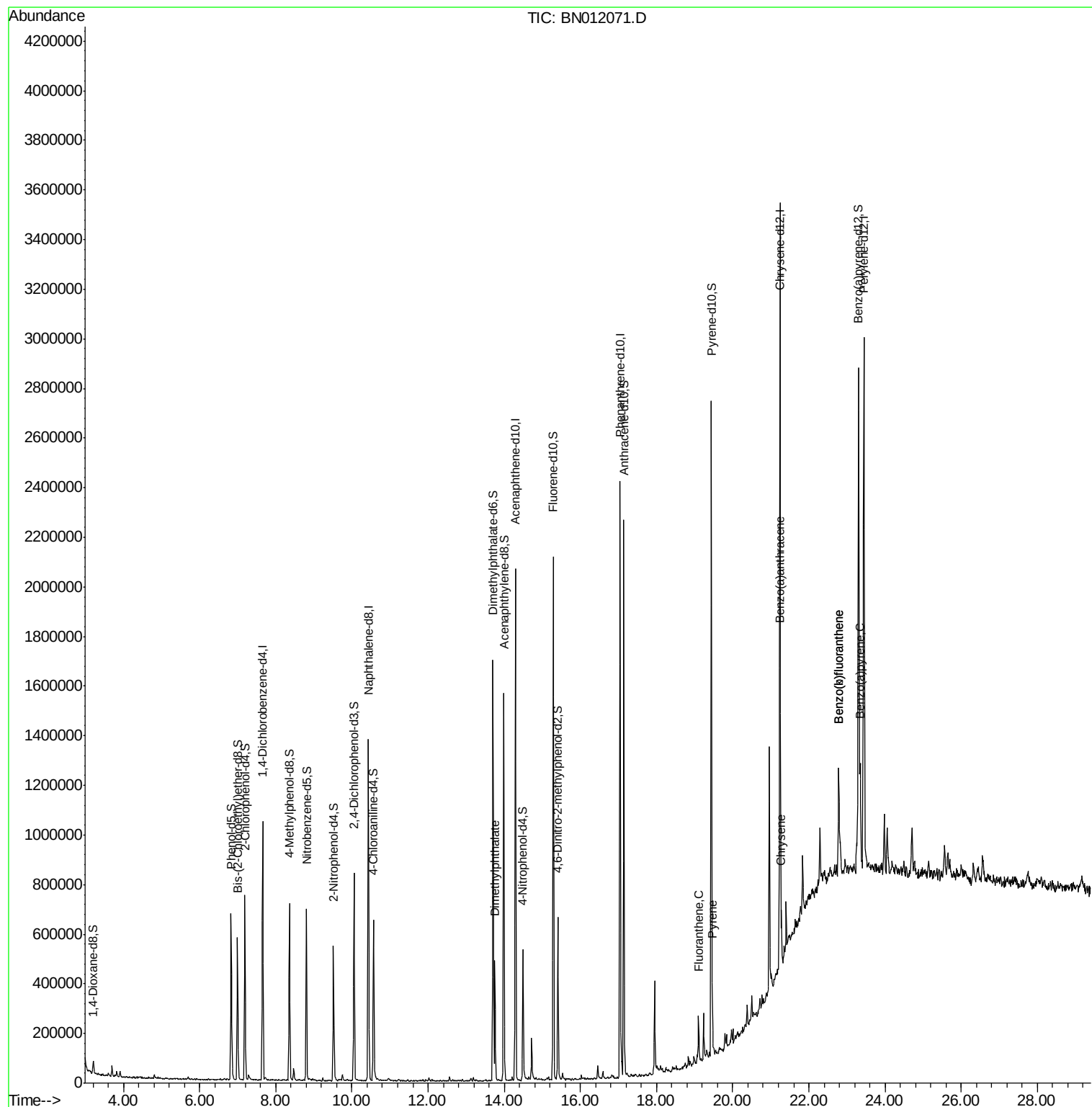
					Ovalue	
45) Dimethylphthalate	13.76	163	282774	5.399	ng/ul	100
77) Fluoranthene	19.10	202	97737	1.057	ng/ul#	98
80) Pyrene	19.47	202	104852	1.139	ng/ul	97
83) Benzo(a)anthracene	21.22	228	96432	1.122	ng/ul	97
85) Chrysene	21.27	228	97584	1.155	ng/ul	94
88) Benzo(b)fluoranthene	22.79	252	155156	1.534	ng/ul#	94
89) Benzo(k)fluoranthene	22.79	252	155156	1.557	ng/ul#	95
91) Benzo(a)pyrene	23.35	252	100110	1.091	ng/ul#	93

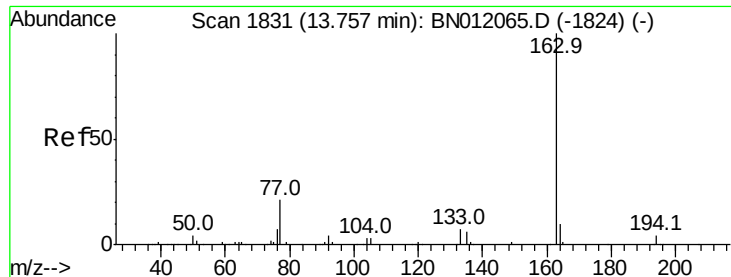
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 5.399 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

Instrument :

BNA_N

ClientSampled :

C0AN1

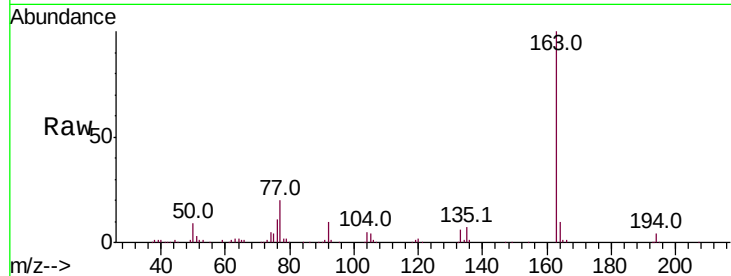
Tot Ion:163 Resp: 282774

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

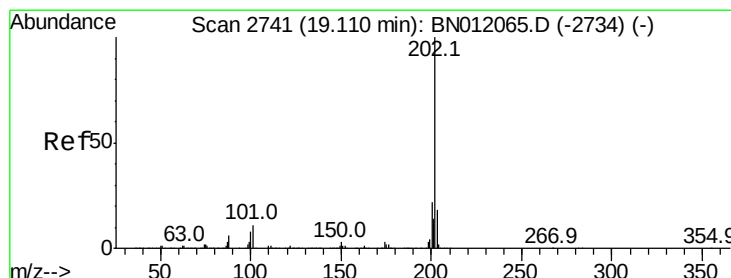
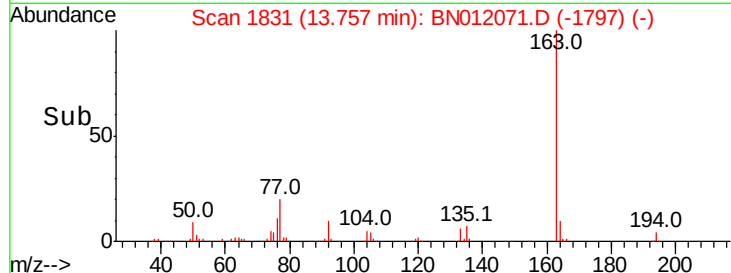
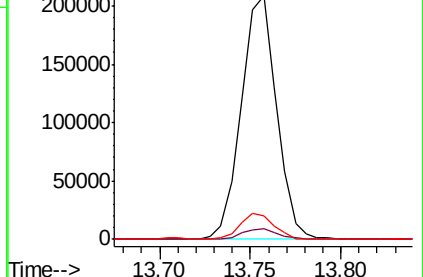
164 9.7 7.8 11.8



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: 1.057 ng/ul

RT: 19.10 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

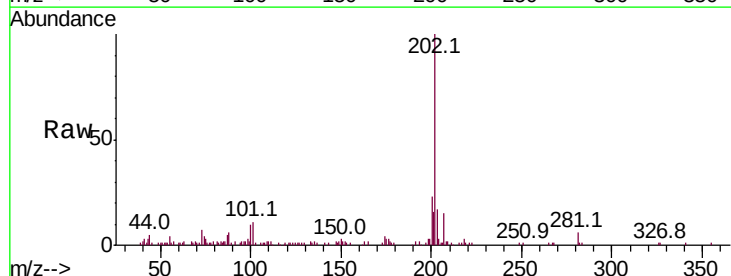
Tgt Ion:202 Resp: 97737

Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

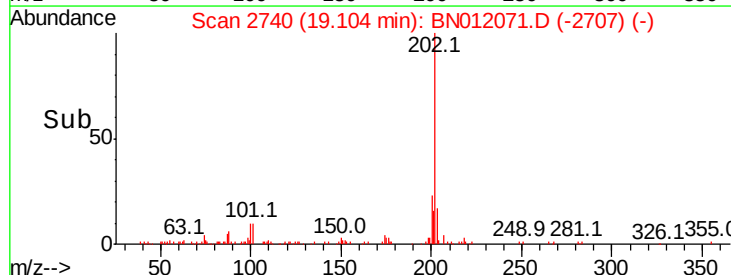
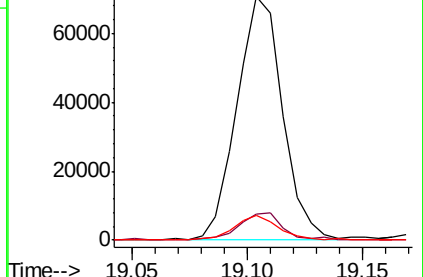
100 10.0 6.6 9.8#

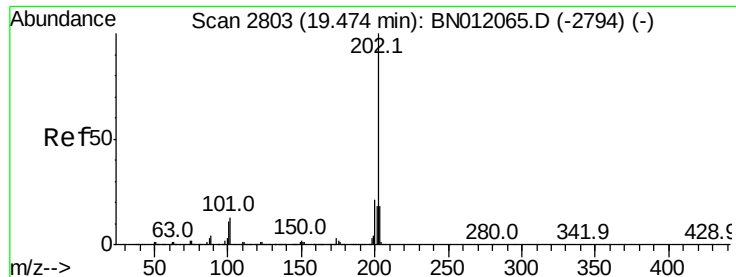


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

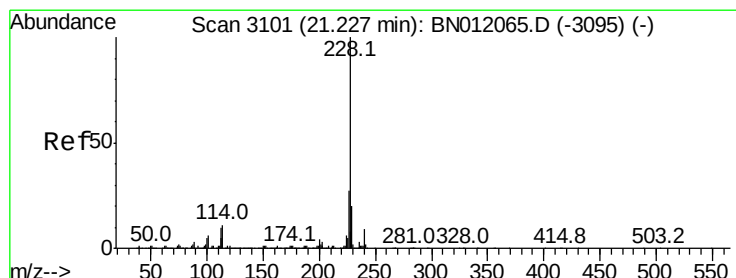
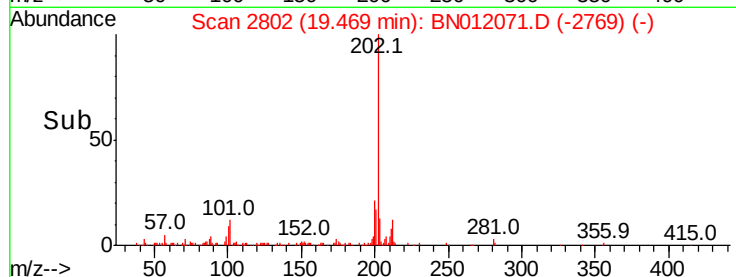
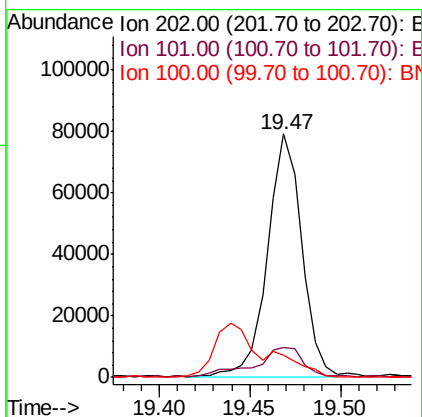
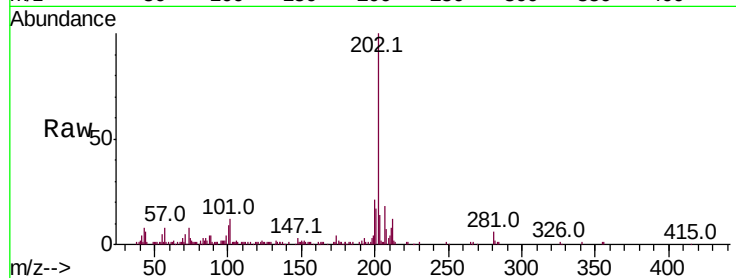




#80
Pvrene
Concen: 1.139 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BN012071.D
Acq: 06 Oct 2020 00:48

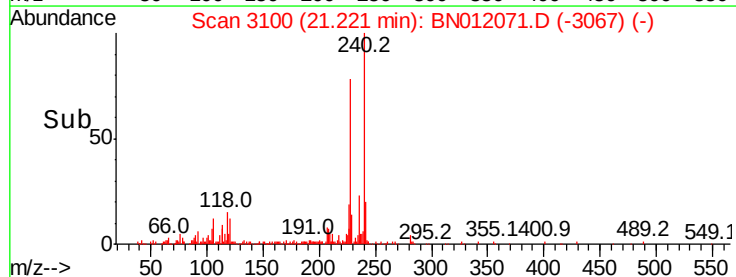
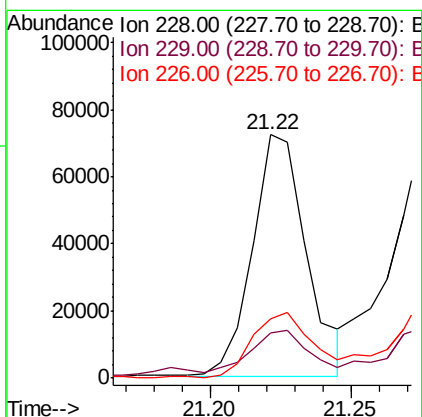
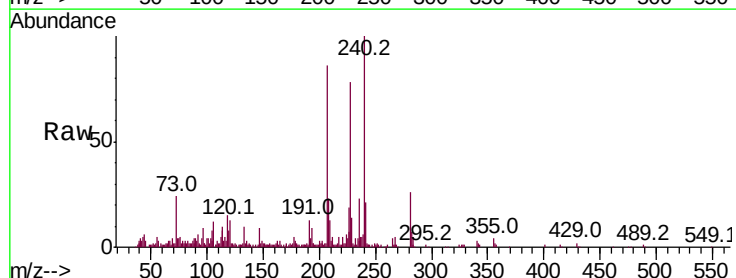
Instrument :
BNA_N
ClientSampled :
C0AN1

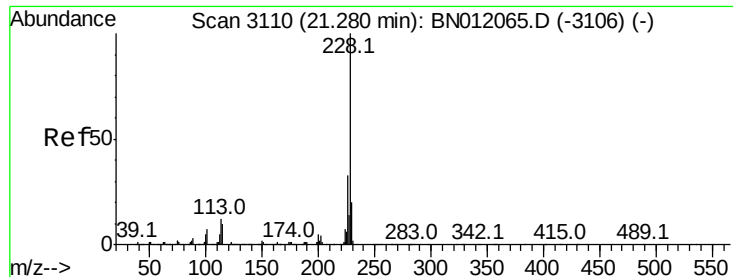
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	9.0	8.8	13.2



#83
Benzo(a)anthracene
Concen: 1.122 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN012071.D
Acq: 06 Oct 2020 00:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.5	15.4	23.2
226	24.3	21.2	31.8





#85

Chrysene

Concen: 1.155 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

Instrument :

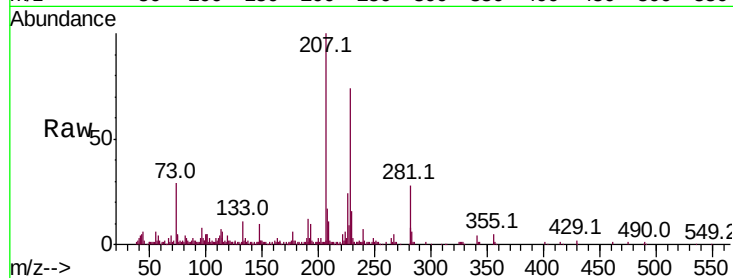
BNA_N

ClientSampled :

C0AN1

Tot Ion:228 Resp: 97584

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.3	34.9
229	21.3	15.0	22.4

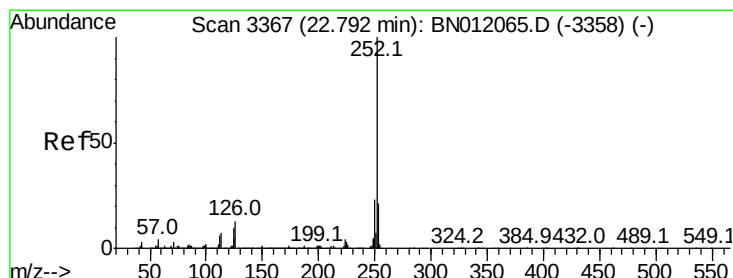
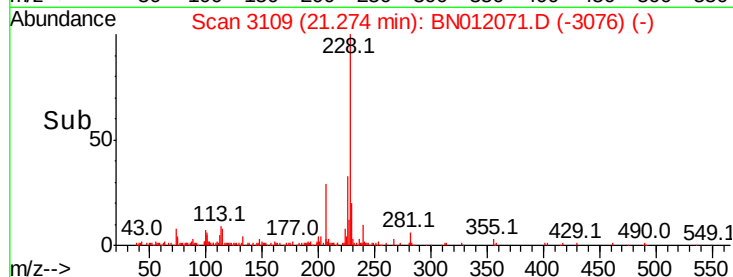
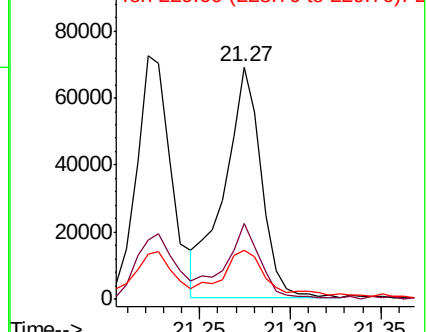


Abundance

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: 1.534 ng/ul

RT: 22.79 min Scan# 3366

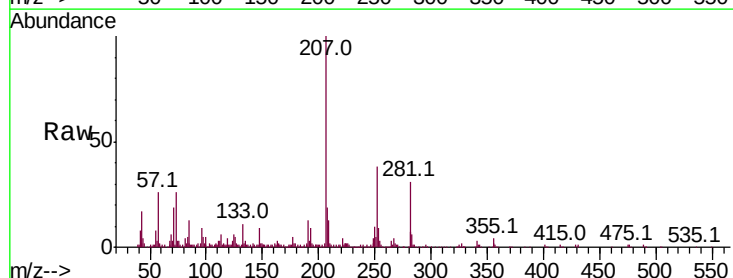
Delta R.T. -0.01 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

Tgt Ion:252 Resp: 155156

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	15.1	8.1	12.1#

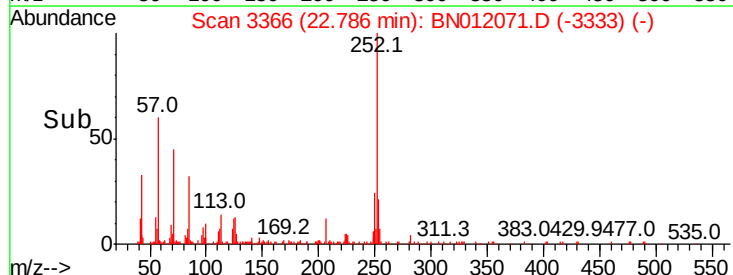
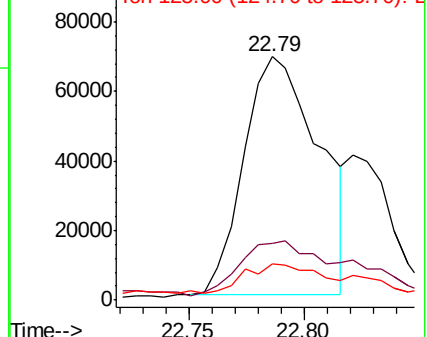


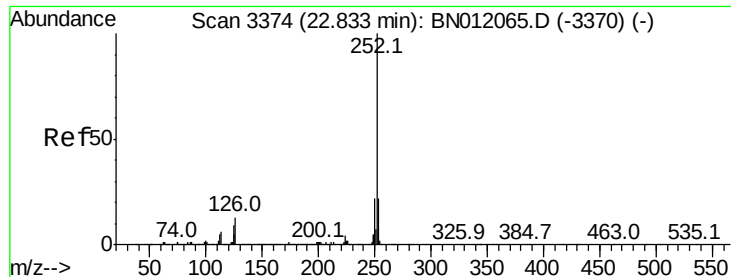
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 1.557 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.05 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

Instrument :

BNA_N

ClientSampleId :

C0AN1

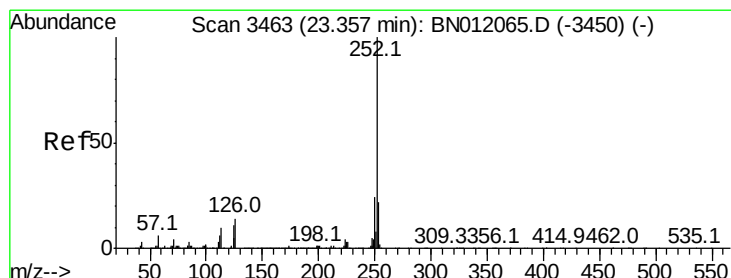
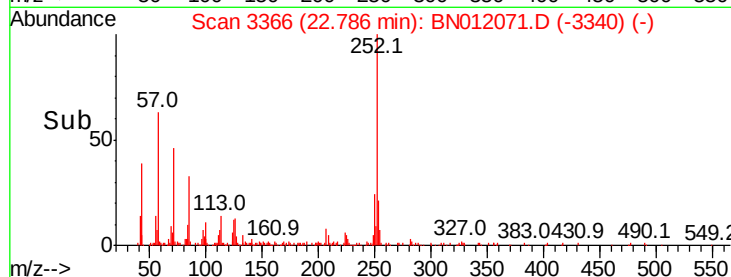
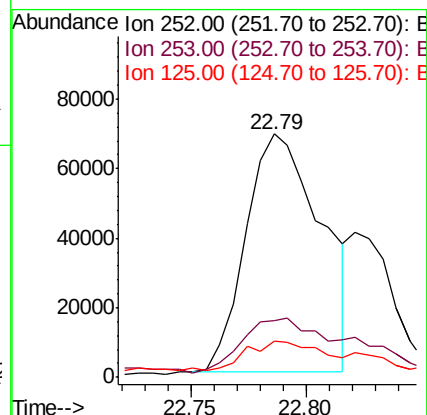
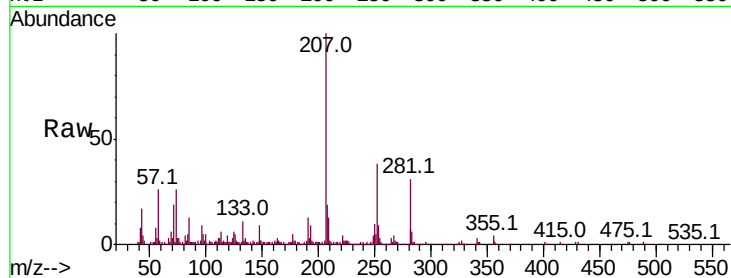
Tot Ion:252 Resp: 155156

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

125 15.1 7.7 11.5#



#91

Benzo(a)pyrene

Concen: 1.091 ng/ul

RT: 23.35 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BN012071.D

Acq: 06 Oct 2020 00:48

Tgt Ion:252 Resp: 100110

Ion Ratio Lower Upper

252 100

253 22.8 16.6 24.8

125 15.5 9.0 13.6#

