

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100220\
 Data File : BN012051.D
 Acq On : 02 Oct 2020 23:56
 Operator : CG/JU
 Sample : L4166-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE2

Quant Time: Oct 03 02:15:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 02:12:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	251059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	944674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	562492	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1101026	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1120890	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1270355	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	23766	4.12	ng/uL	0.00
5) Phenol-d5	6.83	99	339713	16.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	267747	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	315648	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	297626	18.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	152066	20.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	161801	19.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	274965	17.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	367079	20.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	989591	22.43	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1015981	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	47720	5.87	ng/ul	0.00
58) Fluorene-d10	15.29	176	768252	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	45966	6.54	ng/ul	0.00
71) Anthracene-d10	17.14	188	1101464	20.63	ng/ul	0.00
79) Pyrene-d10	19.44	212	1241661	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	1446460	20.29	ng/ul	-0.01

Target Compounds

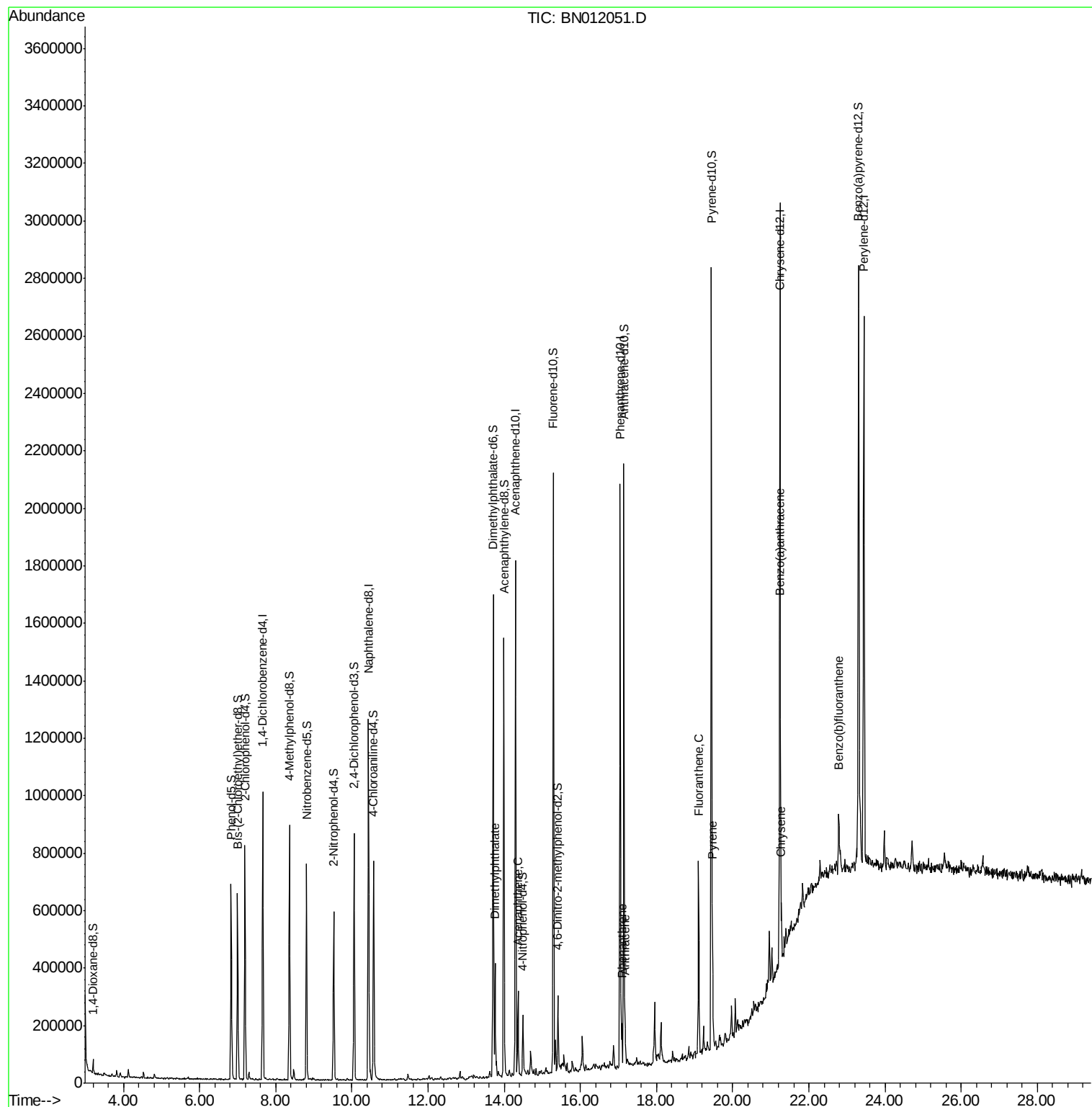
					Ovalue
45) Dimethylphthalate	13.76	163	228847	5.033 ng/ul	99
50) Acenaphthene	14.36	153	110370	2.775 ng/ul	97
70) Phenanthrene	17.09	178	77238	1.151 ng/ul	99
72) Anthracene	17.17	178	67917	1.003 ng/ul	98
77) Fluoranthene	19.10	202	387593	5.145 ng/ul	99
80) Pyrene	19.47	202	275298	3.405 ng/ul	99
83) Benzo(a)anthracene	21.22	228	91470	1.211 ng/ul	92
85) Chrysene	21.27	228	101419	1.366 ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	94251	1.059 ng/ul#	93

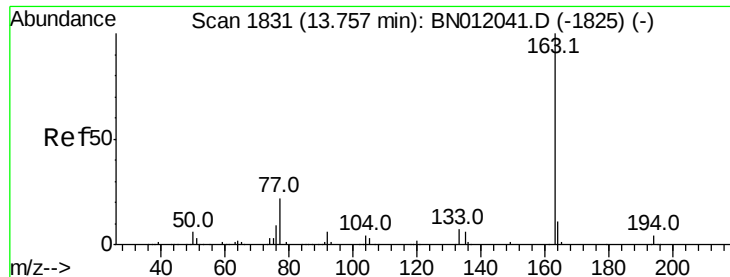
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 5.033 ng/ul

RT: 13.76 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BN012051.D

Acq: 02 Oct 2020 23:56

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BNA_N

ClientSampleId :

C0AE2

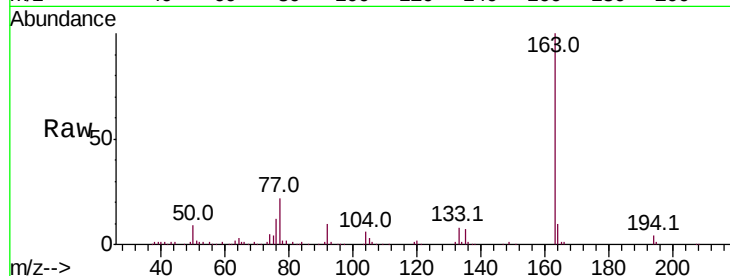
Tot Ion:163 Resp: 228847

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

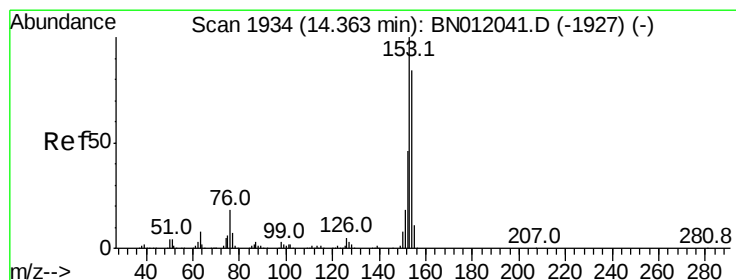
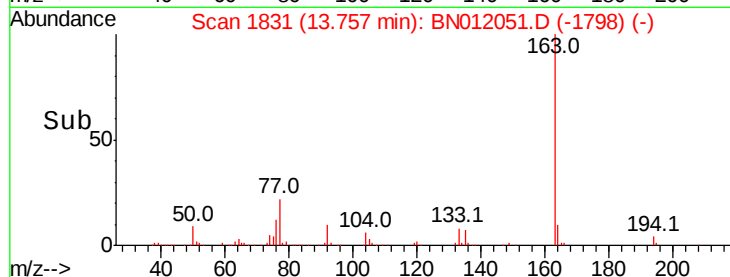
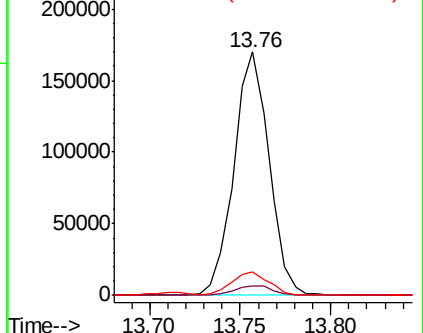
164 9.5 7.8 11.8



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



#50

Acenaphthene

Concen: 2.775 ng/ul

RT: 14.36 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BN012051.D

Acq: 02 Oct 2020 23:56

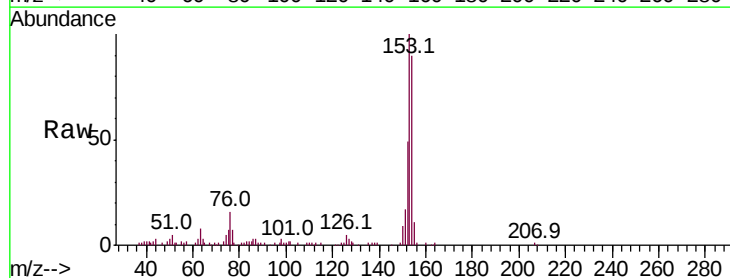
Tgt Ion:153 Resp: 110370

Ion Ratio Lower Upper

153 100

152 48.5 35.9 53.9

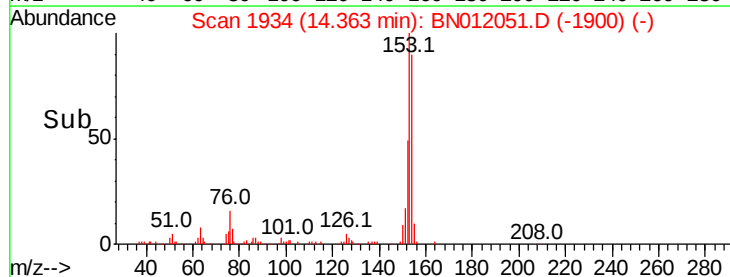
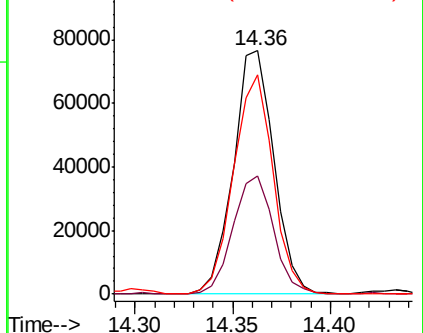
154 89.9 70.2 105.2

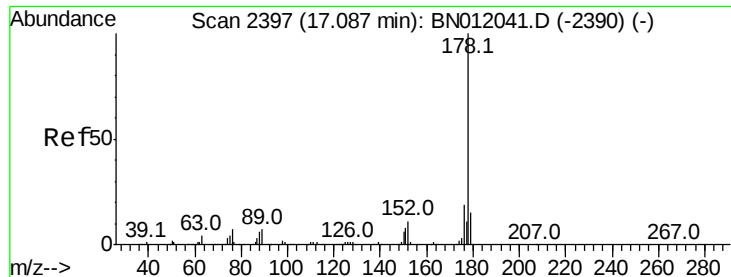


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#70

Phenanthrene

Concen: 1.151 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BN012051.D

Acq: 02 Oct 2020 23:56

Instrument :

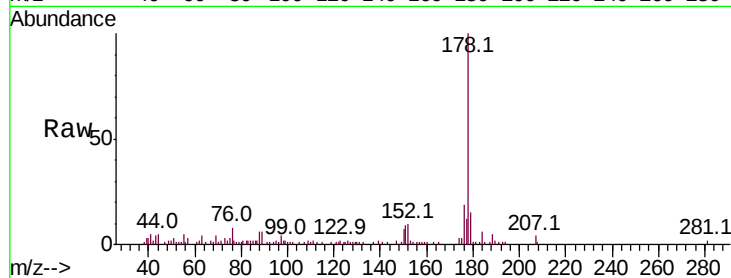
BNA_N

ClientSampleId :

C0AE2

Tot Ion:178 Resp: 77238

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	15.4	23.2

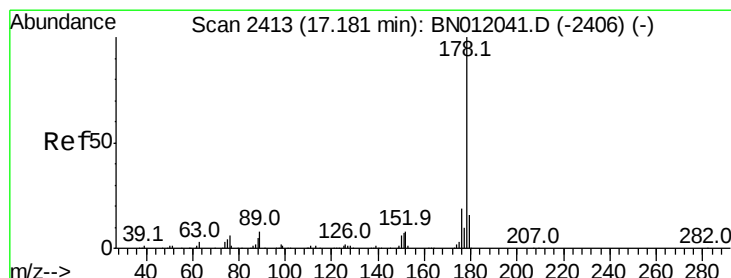
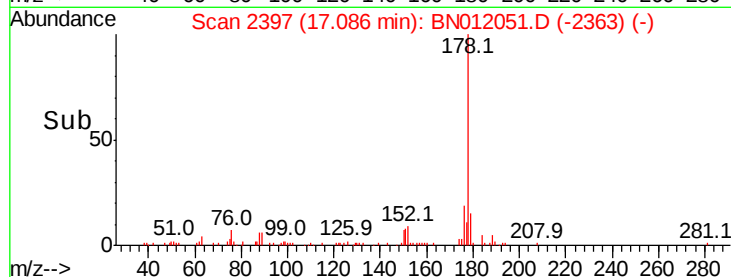
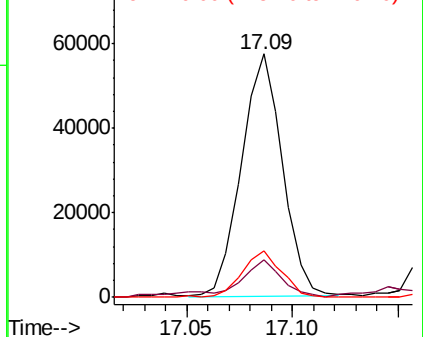


Abundance

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: 1.003 ng/ul

RT: 17.17 min Scan# 2412

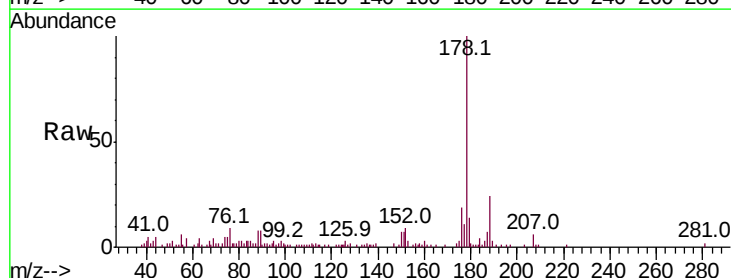
Delta R.T. -0.01 min

Lab File: BN012051.D

Acq: 02 Oct 2020 23:56

Tgt Ion:178 Resp: 67917

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.8	19.2
176	19.2	15.0	22.6

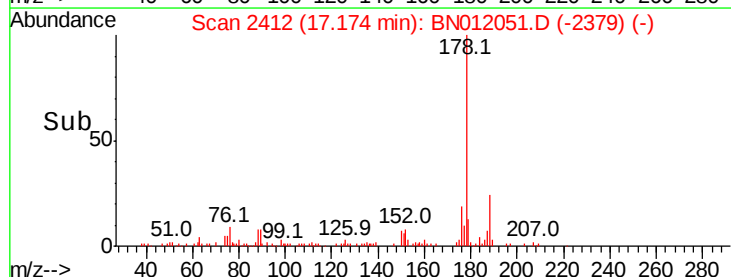
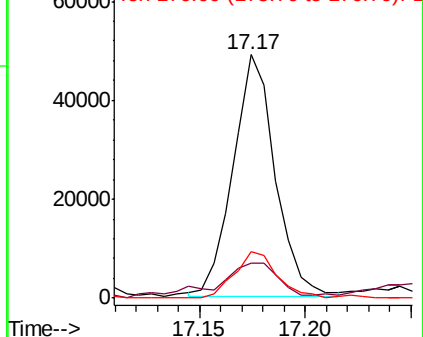


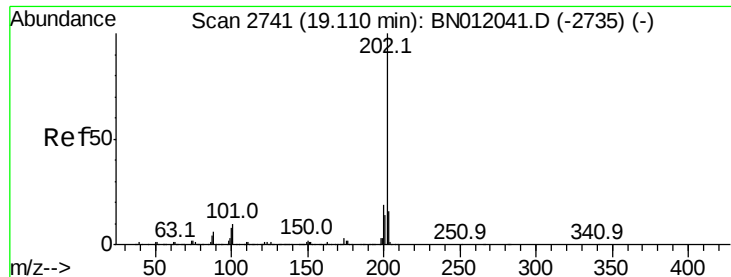
Abundance

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

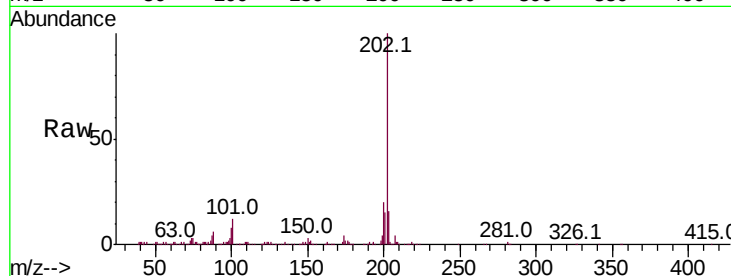




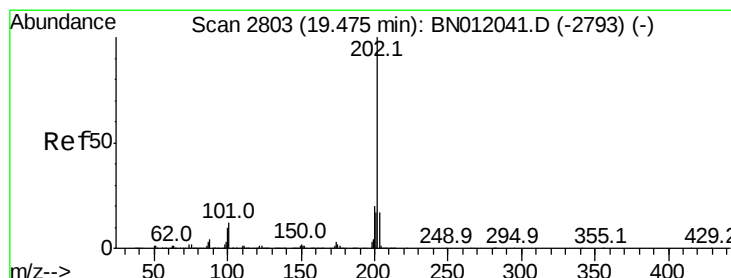
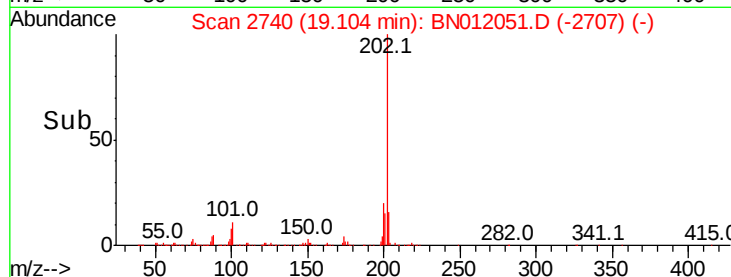
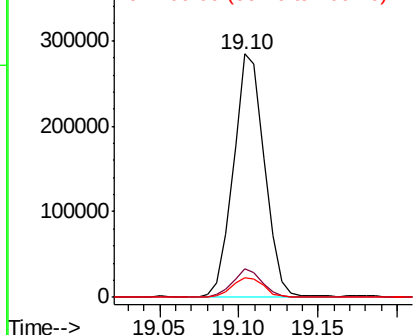
#77
 Fluoranthene
 Concen: 5.145 ng/ul
 RT: 19.10 min Scan# 2740
 Delta R.T. -0.01 min
 Lab File: BN012051.D
 Acq: 02 Oct 2020 23:56

Instrument :
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 C0AE2

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.6	13.0
100	8.1	6.6	9.8

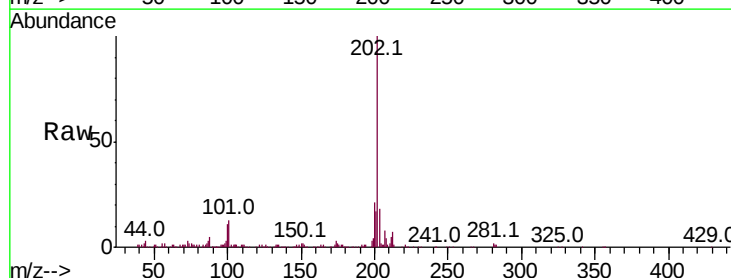


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

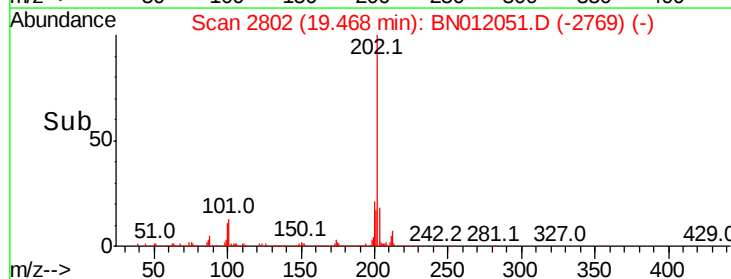
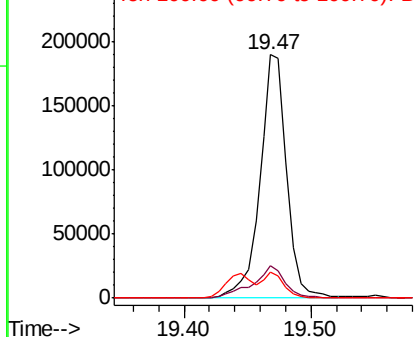


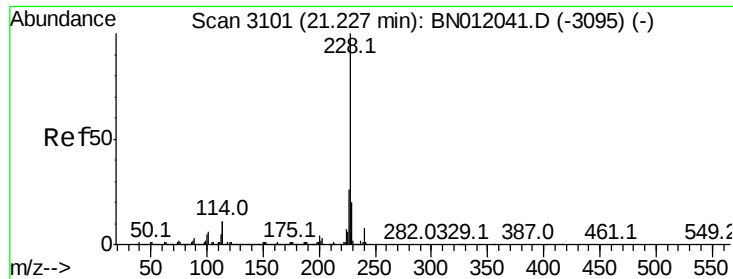
#80
 Pyrene
 Concen: 3.405 ng/ul
 RT: 19.47 min Scan# 2802
 Delta R.T. -0.01 min
 Lab File: BN012051.D
 Acq: 02 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.2	15.2
100	10.6	8.8	13.2



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

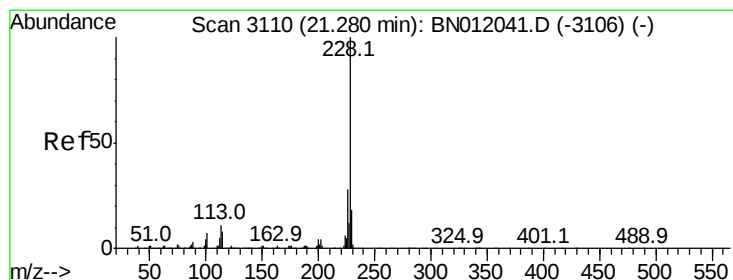
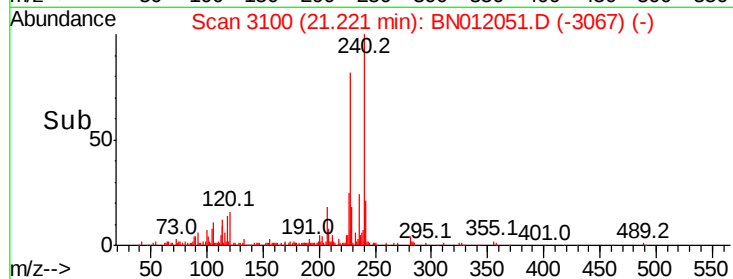
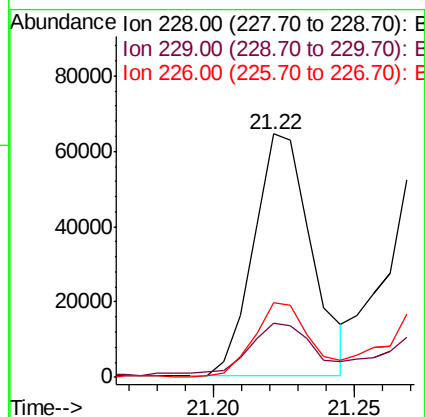
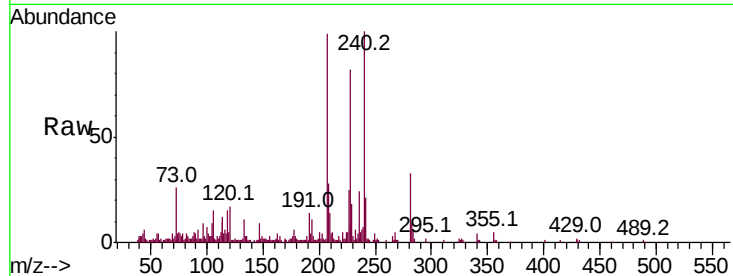




#83
Benzo(a)anthracene
Concen: 1.211 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BN012051.D
Acq: 02 Oct 2020 23:56

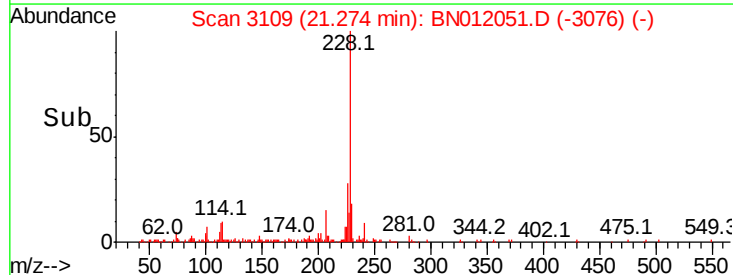
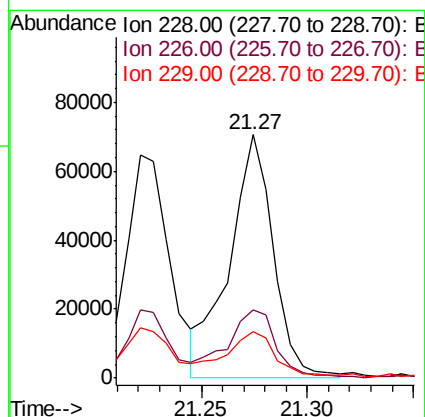
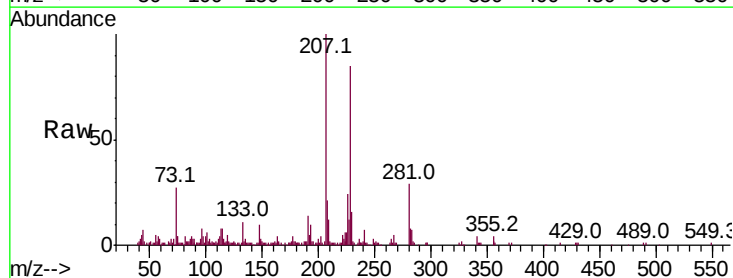
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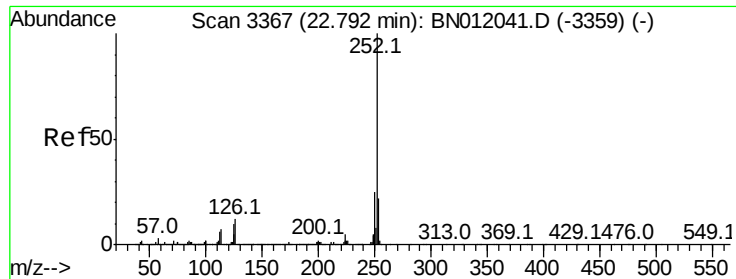
Tot Ion:228 Resp: 91470
Ion Ratio Lower Upper
228 100
229 22.3 15.4 23.2
226 30.7 21.2 31.8



#85
Chrysene
Concen: 1.366 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BN012051.D
Acq: 02 Oct 2020 23:56

Tgt Ion:228 Resp: 101419
Ion Ratio Lower Upper
228 100
226 28.2 23.3 34.9
229 19.0 15.0 22.4





#88

Benzo(b)fluoranthene

Concen: 1.059 ng/ul

RT: 22.79 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BN012051.D

Acq: 02 Oct 2020 23:56

Instrument :

BNA_N

ClientSampleId :

C0AE2

Tot Ion:252 Resp: 94251

Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 16.2 8.1 12.1#

