

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010018.D
 Acq On : 29 Feb 2020 11:06
 Operator : CG/JU
 Sample : L1535-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 301-305

Quant Time: Mar 02 08:36:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 29 01:38:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	91297	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	390843	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	237438	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	483639	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	424566	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	440309	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	9709	4.37	ng/uL	0.00
5) Phenol-d5	6.59	99	202079	26.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	134801	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	154561	26.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	158244	25.62	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	75646	26.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	85610	27.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	154032	25.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	207084	30.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	473903	26.72	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	587002	28.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	54725	16.90	ng/ul	0.02
58) Fluorene-d10	15.02	176	393938	25.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	44923	14.95	ng/ul	0.01
71) Anthracene-d10	16.87	188	619789	27.96	ng/ul	0.00
79) Pyrene-d10	19.19	212	683515	30.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	625125	28.43	ng/ul	0.00

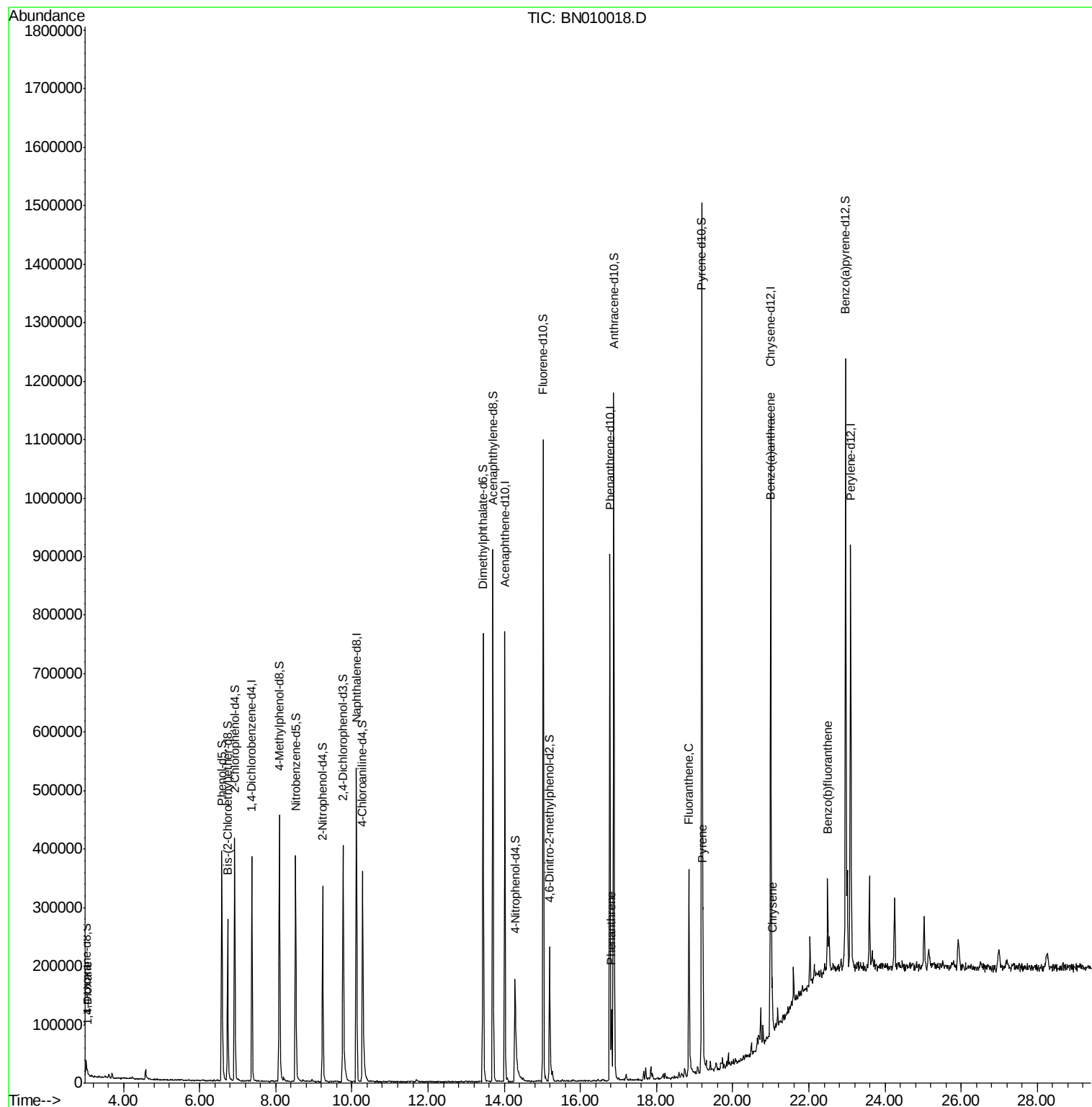
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.06	88	3521	1.381	ng/uL#	72
70) Phenanthrene	16.82	178	84786	3.072	ng/ul	97
77) Fluoranthene	18.85	202	239473	7.407	ng/ul	99
80) Pyrene	19.22	202	187018	6.110	ng/ul	98
83) Benzo(a)anthracene	20.99	228	54751	1.877	ng/ul	98
85) Chrysene	21.03	228	53504	1.863	ng/ul	97
88) Benzo(b)fluoranthene	22.49	252	31855	1.116	ng/ul#	95

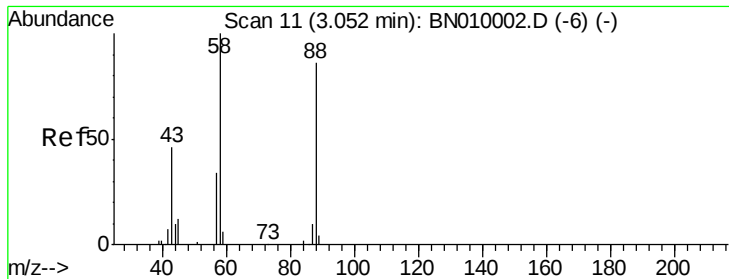
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.381 ng/uL

RT: 3.06 min Scan# 12

Delta R.T. -0.00 min

Lab File: BN010018.D

Acq: 29 Feb 2020 11:06

Instrument :

BNA_N

ClientSampleId :

301-305

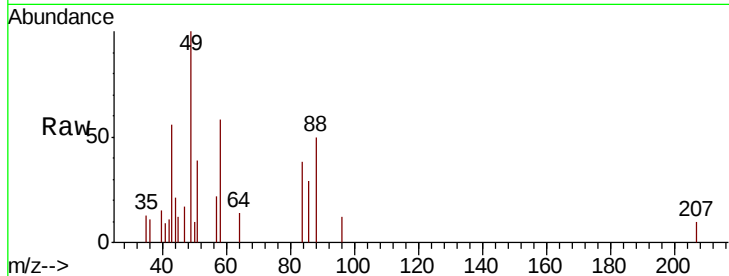
Tot Ion: 88 Resp: 3521

Ion Ratio Lower Upper

88 100

43 112.0 44.7 67.1#

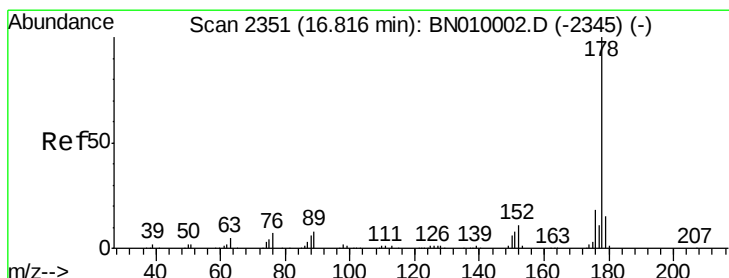
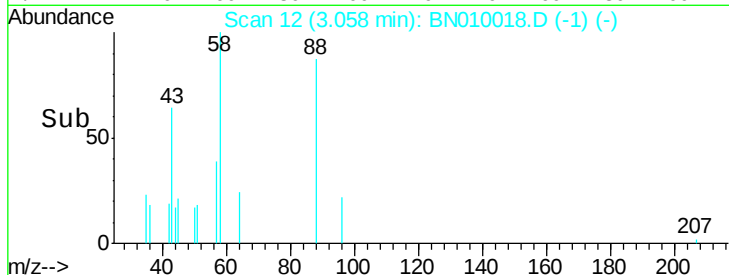
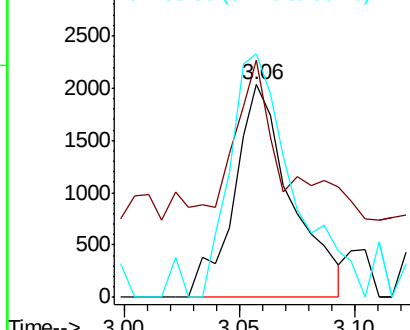
58 114.7 96.2 144.2



Abundance Ion 88.00 (87.70 to 88.70): BN010002.D (-6) (-)

Ion 43.00 (42.70 to 43.70): BN010002.D (-6) (-)

Ion 58.00 (57.70 to 58.70): BN010002.D (-6) (-)



#70

Phenanthrene

Concen: 3.072 ng/uL

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN010018.D

Acq: 29 Feb 2020 11:06

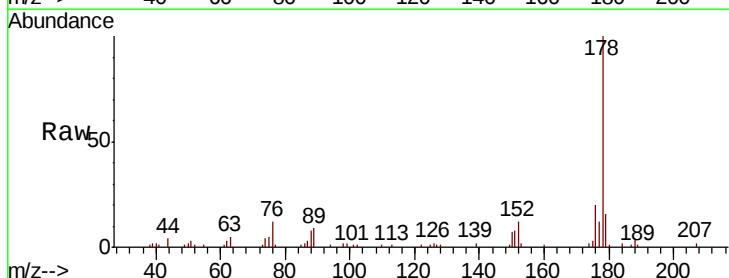
Tgt Ion: 178 Resp: 84786

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

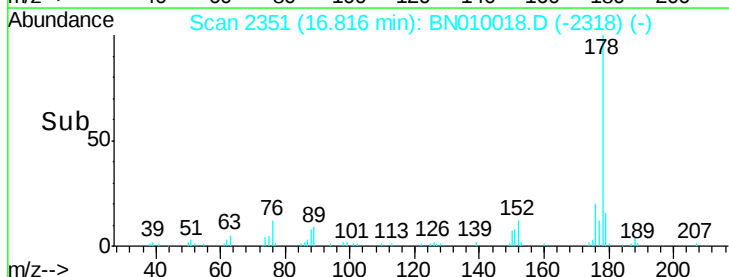
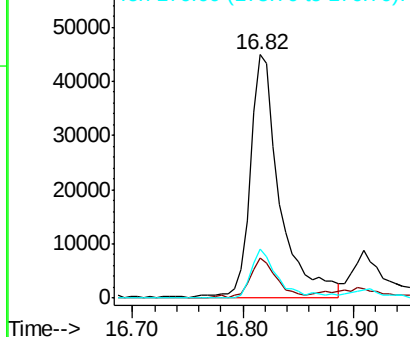
176 20.0 14.6 22.0

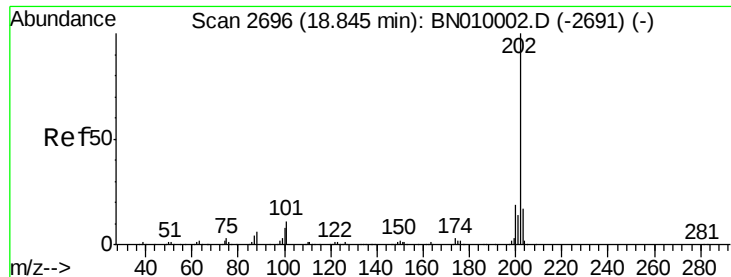


Abundance Ion 178.00 (177.70 to 178.70): BN010002.D (-2345) (-)

Ion 179.00 (178.70 to 179.70): BN010002.D (-2345) (-)

Ion 176.00 (175.70 to 176.70): BN010002.D (-2345) (-)





#77

Fluoranthene

Concen: 7.407 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BN010018.D

Acq: 29 Feb 2020 11:06

Instrument :

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ClientSampleId :

301-305

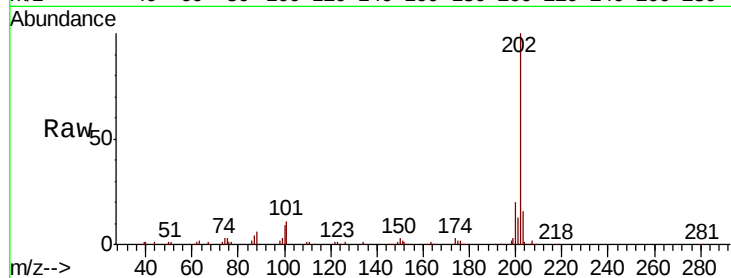
Tot Ion:202 Resp: 239473

Ion Ratio Lower Upper

202 100

101 11.3 9.4 14.2

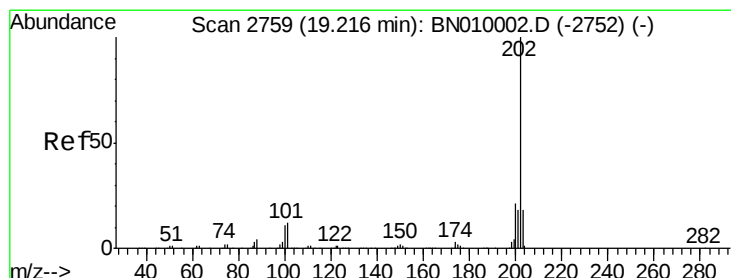
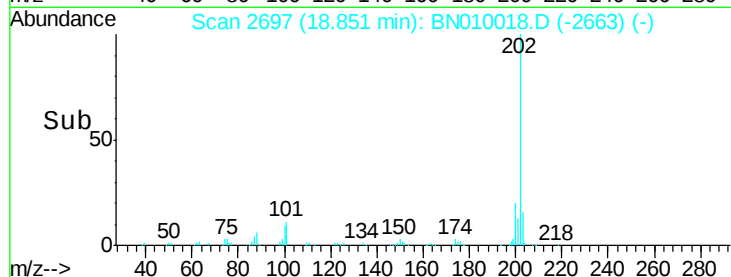
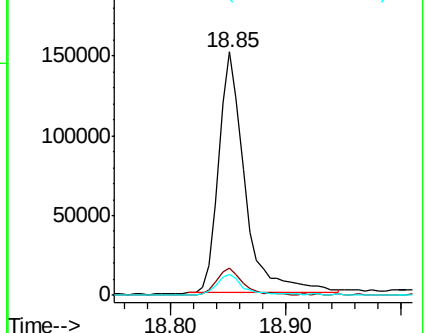
100 8.7 7.2 10.8



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: 6.110 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BN010018.D

Acq: 29 Feb 2020 11:06

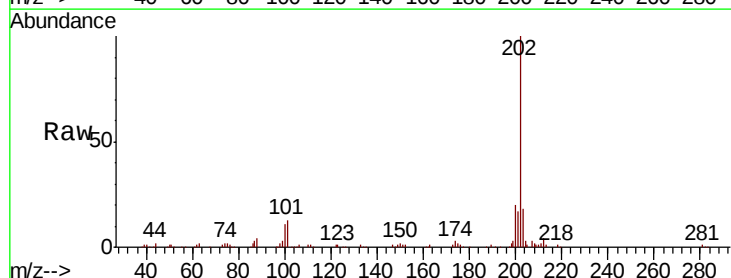
Tgt Ion:202 Resp: 187018

Ion Ratio Lower Upper

202 100

101 12.9 11.3 16.9

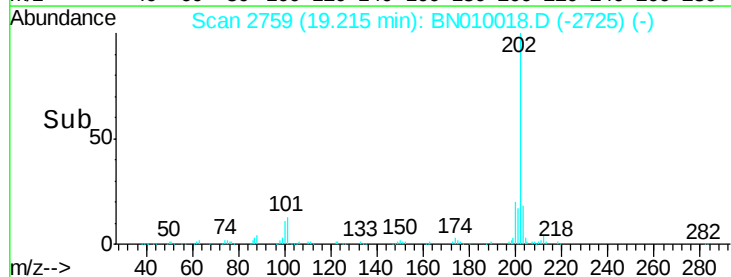
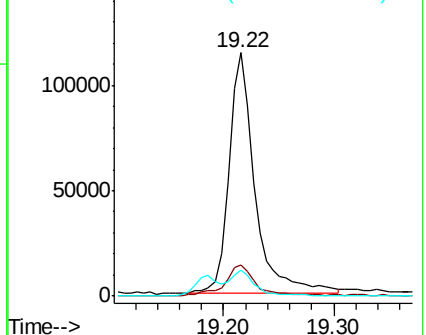
100 10.7 9.0 13.6

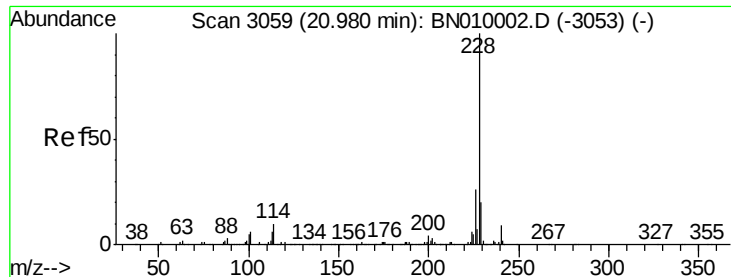


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

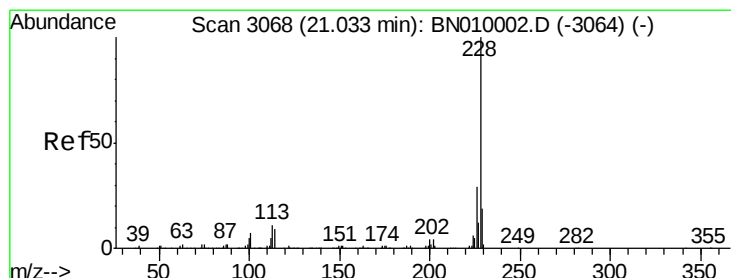
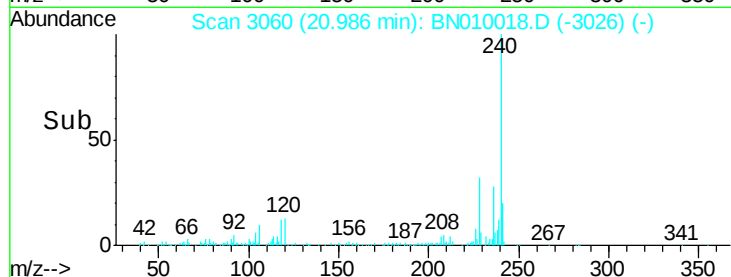
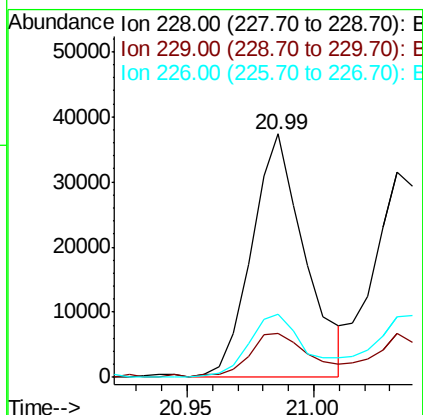
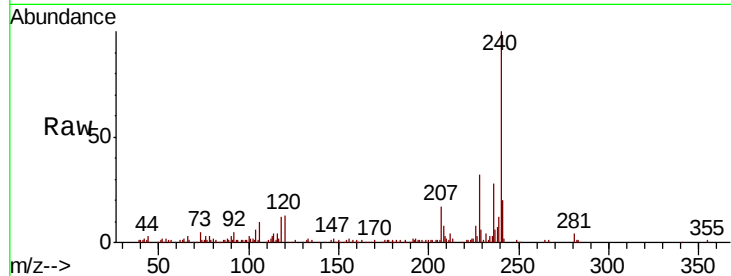




#83
Benzo(a)anthracene
Concen: 1.877 ng/ul
RT: 20.99 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BN010018.D
Acq: 29 Feb 2020 11:06

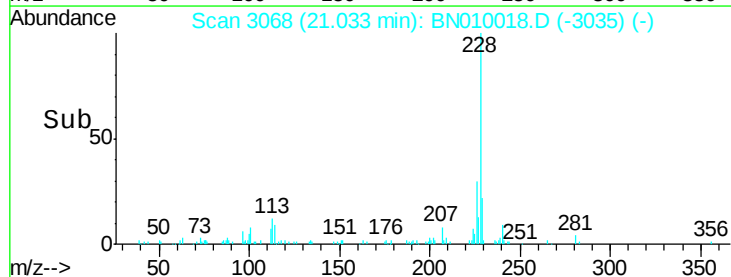
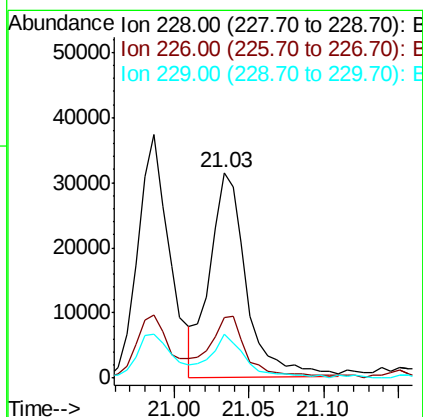
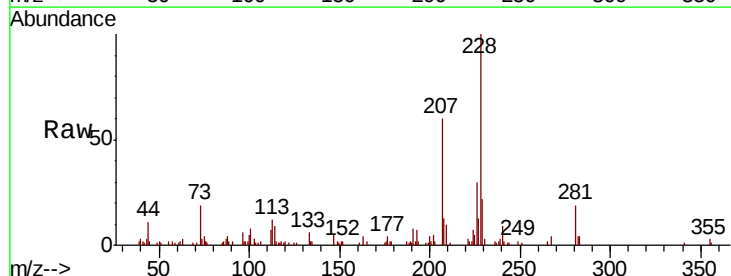
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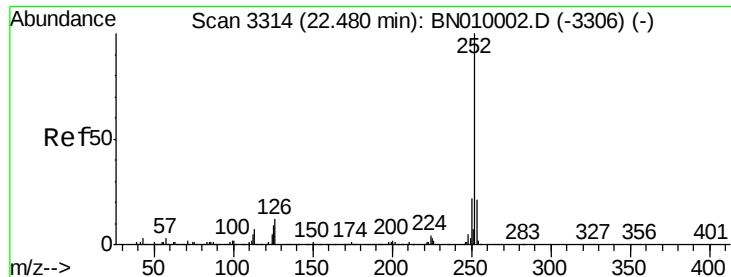
Tot Ion:228 Resp: 54751
Ion Ratio Lower Upper
228 100
229 17.9 15.0 22.4
226 25.7 21.4 32.2



#85
Chrysene
Concen: 1.863 ng/ul
RT: 21.03 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN010018.D
Acq: 29 Feb 2020 11:06

Tgt Ion:228 Resp: 53504
Ion Ratio Lower Upper
228 100
226 29.6 23.4 35.2
229 21.5 15.0 22.4





#88

Benzo(b)fluoranthene

Concen: 1.116 ng/ul

RT: 22.49 min Scan# 3316

Delta R.T. 0.01 min

Lab File: BN010018.D

Acq: 29 Feb 2020 11:06

Instrument :

BNA_N

ClientSampleId :

301-305

Tot Ion:252 Resp: 31855

Ion Ratio Lower Upper

252 100

253 19.9 17.0 25.4

125 13.9 8.0 12.0#

