

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010014.D
 Acq On : 29 Feb 2020 08:43
 Operator : CG/JU
 Sample : L1516-06RX
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:53:49 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	7.38	152	104371	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	449407	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	274435	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	552885	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	481357	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	497077	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	11350	4.47	ng/uL	0.00
5) Phenol-d5	6.58	99	238289	26.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	171454	27.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	192271	28.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	192683	27.28	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	95939	29.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	104778	29.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	181918	26.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	213807	27.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	550734	26.87	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	690170	28.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	67544	18.04	ng/ul	0.02
58) Fluorene-d10	15.02	176	491968	27.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	51619	15.03	ng/ul	0.00
71) Anthracene-d10	16.87	188	717530	28.31	ng/ul	0.00
79) Pyrene-d10	19.19	212	747022	29.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	717829	28.92	ng/ul	0.00

Target Compounds

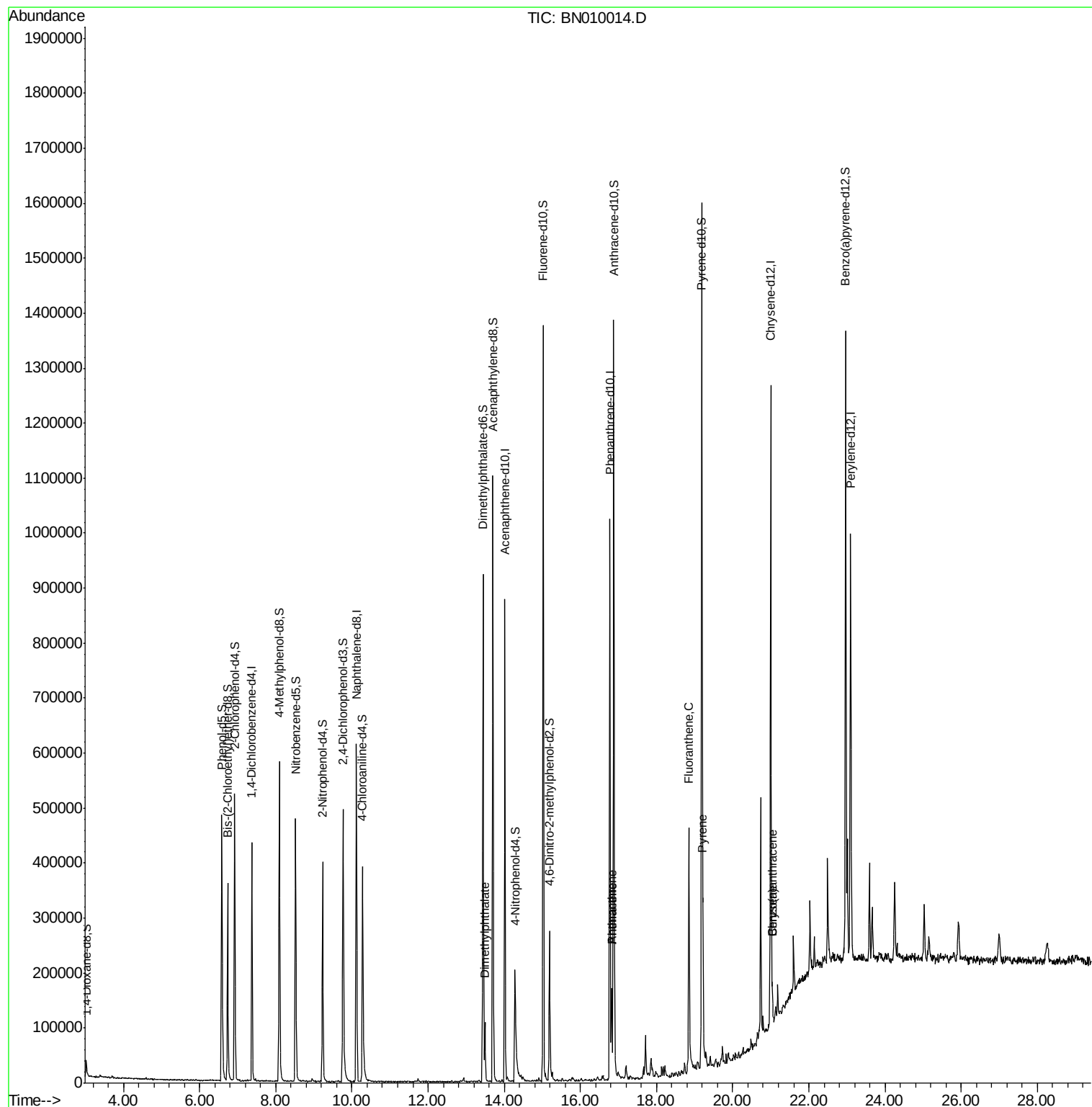
					Ovalue
45) Dimethylphthalate	13.49	163	58787	2.748	ng/ul 98
70) Phenanthrene	16.82	178	132491	4.199	ng/ul 98
72) Anthracene	16.82	178	137258	4.255	ng/ul 97
77) Fluoranthene	18.85	202	312979	8.468	ng/ul 99
80) Pyrene	19.22	202	215232	6.202	ng/ul 99
83) Benzo(a)anthracene	21.04	228	38948	1.177	ng/ul 98
85) Chrysene	21.04	228	40002	1.228	ng/ul 99

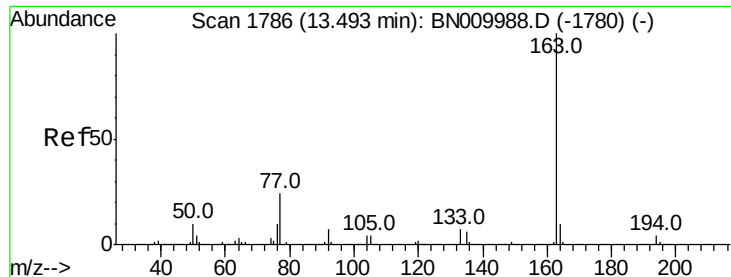
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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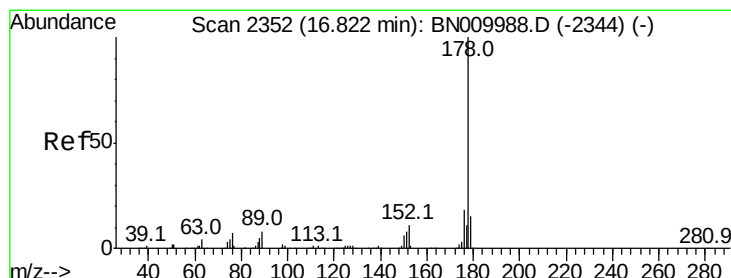
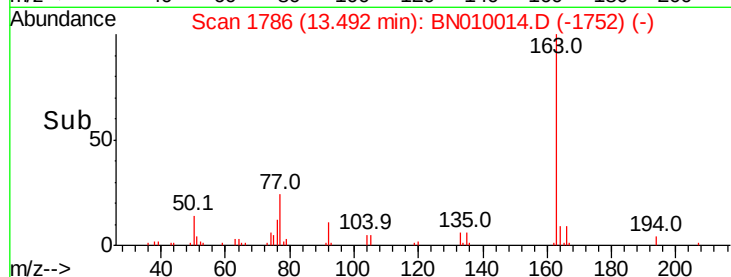
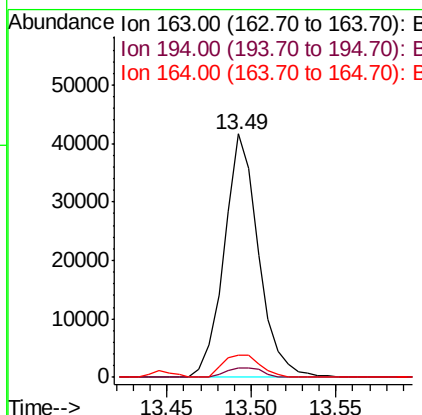
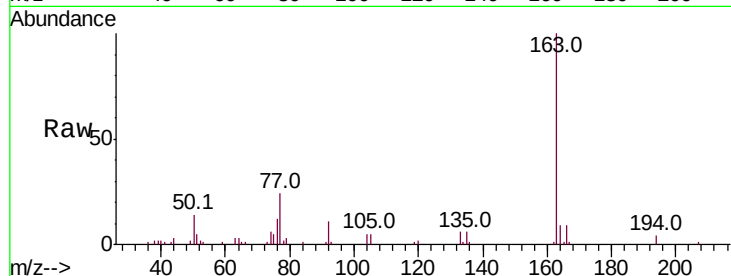




#45
Dimethylphthalate
Concen: 2.748 ng/ul
RT: 13.49 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BN010014.D
Acq: 29 Feb 2020 08:43

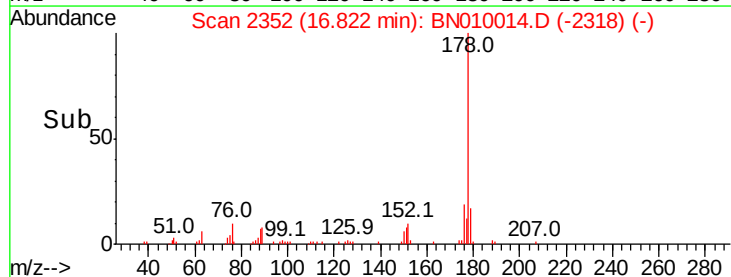
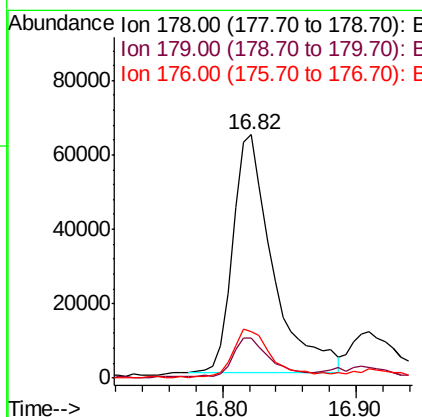
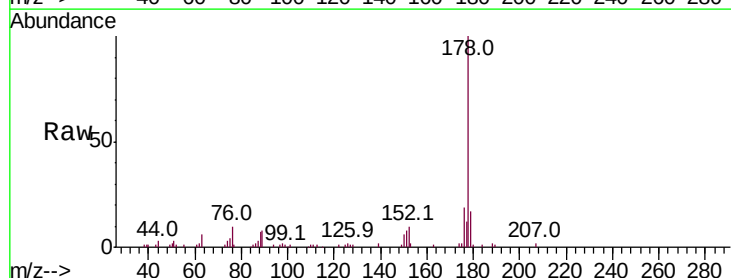
Instrument :
BNA_N
ClientSampled :

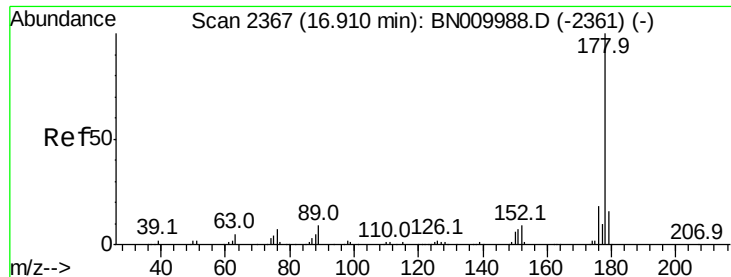
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	9.3	8.0	12.0



#70
Phenanthrene
Concen: 4.199 ng/ul
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BN010014.D
Acq: 29 Feb 2020 08:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.5	18.7
176	19.1	14.6	22.0





#72

Anthracene

Concen: 4.255 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.09 min

Lab File: BN010014.D

Acq: 29 Feb 2020 08:43

Instrument :

BNA_N

ClientSampled :

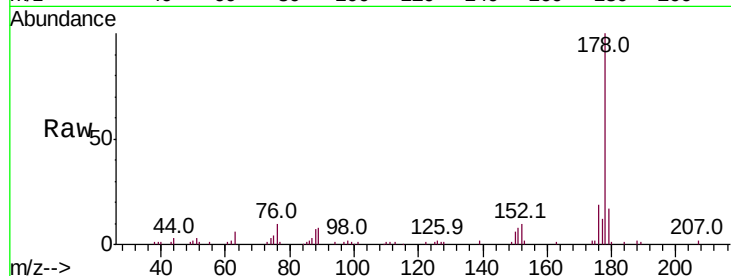
Tot Ion:178 Resp: 137258

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.2

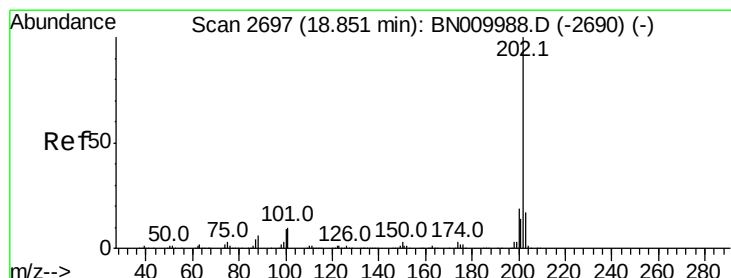
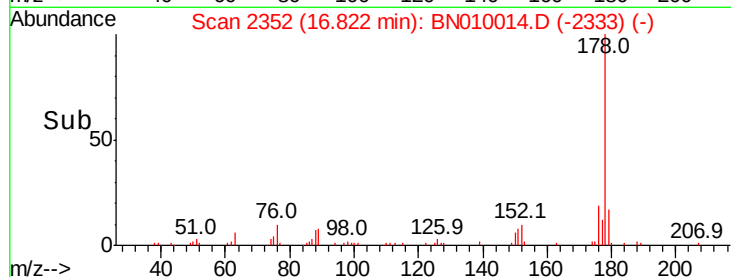
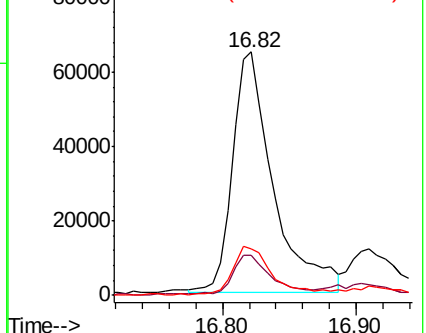
176 19.1 14.6 21.8



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: 8.468 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BN010014.D

Acq: 29 Feb 2020 08:43

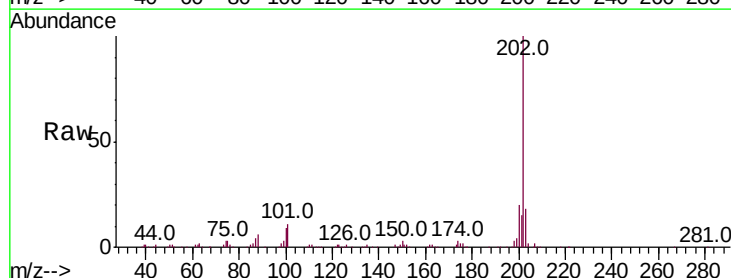
Tgt Ion:202 Resp: 312979

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

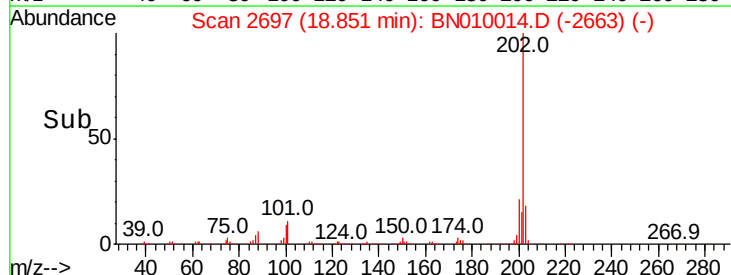
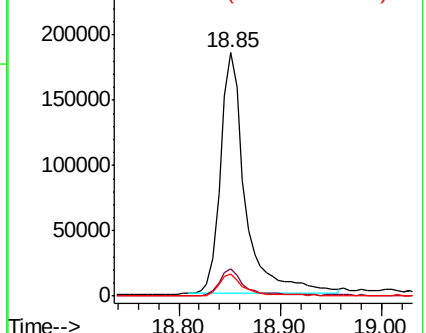
100 9.2 7.2 10.8

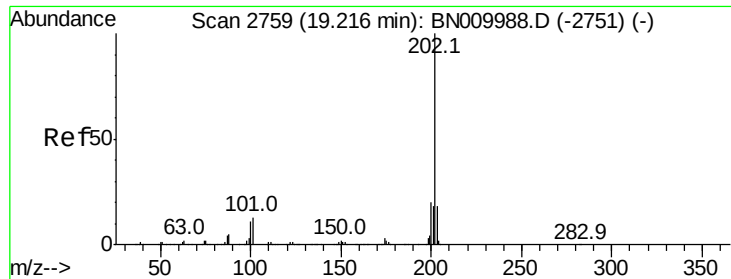


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

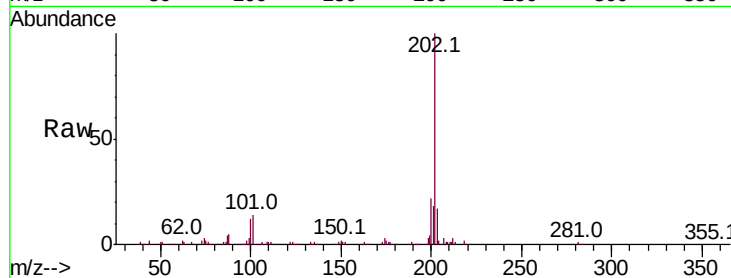




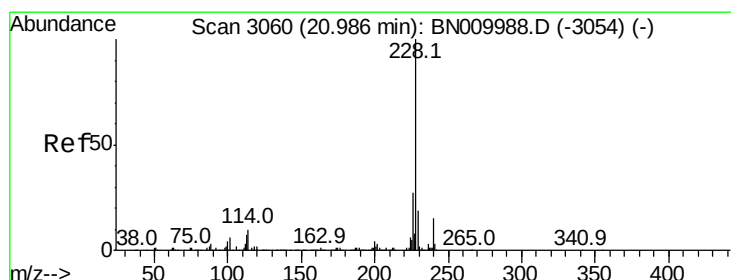
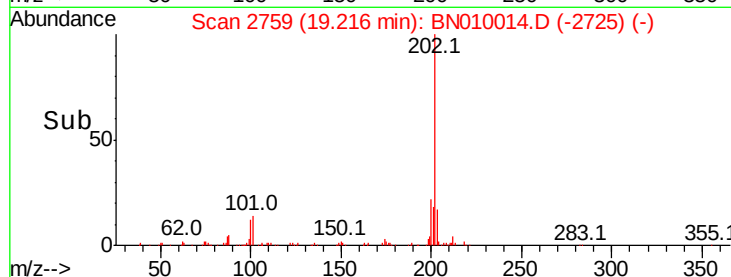
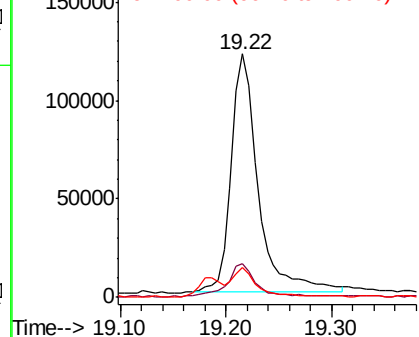
#80
Pvrene
Concen: 6.202 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BN010014.D
Acq: 29 Feb 2020 08:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.3	16.9
100	12.0	9.0	13.6

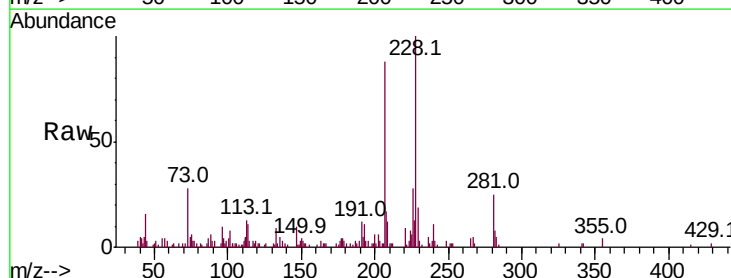


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

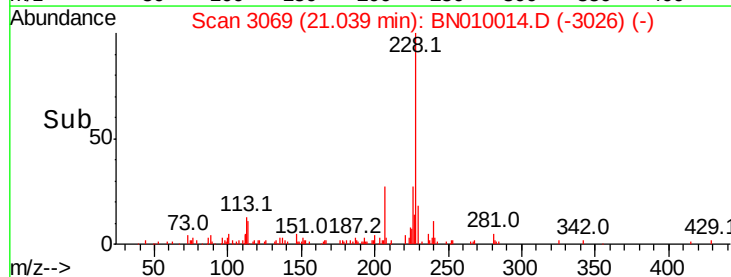
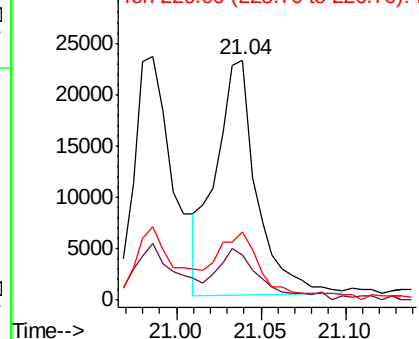


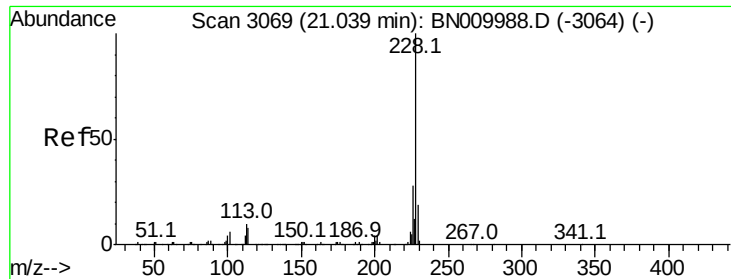
#83
Benzo(a)anthracene
Concen: 1.177 ng/ul
RT: 21.04 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BN010014.D
Acq: 29 Feb 2020 08:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.0	22.4
226	28.3	21.4	32.2



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: 1.228 ng/ul

RT: 21.04 min Scan# 3069

Delta R.T. -0.00 min

Lab File: BN010014.D

Acq: 29 Feb 2020 08:43

Instrument :

BNA_N

ClientSampleId :

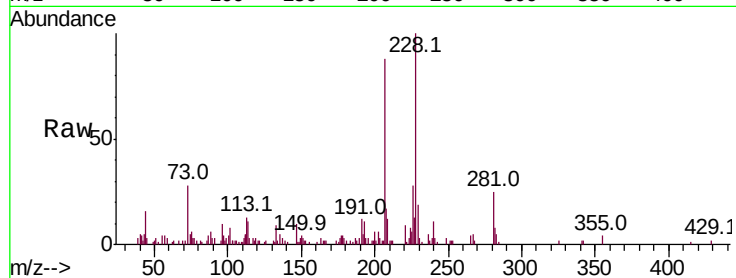
Tot Ion:228 Resp: 40002

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

229 18.9 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

