

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010017.D
 Acq On : 29 Feb 2020 10:30
 Operator : CG/JU
 Sample : L1516-19RX
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:54:10 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	98911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	425506	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	261198	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	526717	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	460887	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	472642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	615	0.26	ng/uL	0.01
5) Phenol-d5	6.60	99	7580	0.90	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	10286	1.77	ng/ul	0.01
9) 2-Chlorophenol-d4	6.93	132	14039	2.22	ng/ul	0.01
13) 4-Methylphenol-d8	8.11	113	10271	1.53	ng/ul	0.02
19) Nitrobenzene-d5	8.55	128	4574	1.47	ng/ul	0.02
22) 2-Nitrophenol-d4	9.25	143	5169	1.52	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.82	165	7353	1.12	ng/ul	0.05
29) 4-Chloroaniline-d4	10.32	131	4481	0.61	ng/ul	0.04
44) Dimethylphthalate-d6	13.46	166	41748	2.14	ng/ul	0.01
47) Acenaphthylene-d8	13.70	160	49610	2.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	478	0.13	ng/ul	0.11
58) Fluorene-d10	15.03	176	38591	2.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	283	0.09	ng/ul	0.05
71) Anthracene-d10	16.88	188	62303	2.58	ng/ul	0.00
79) Pyrene-d10	19.19	212	63102	2.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	61704	2.61	ng/ul	0.00

Target Compounds

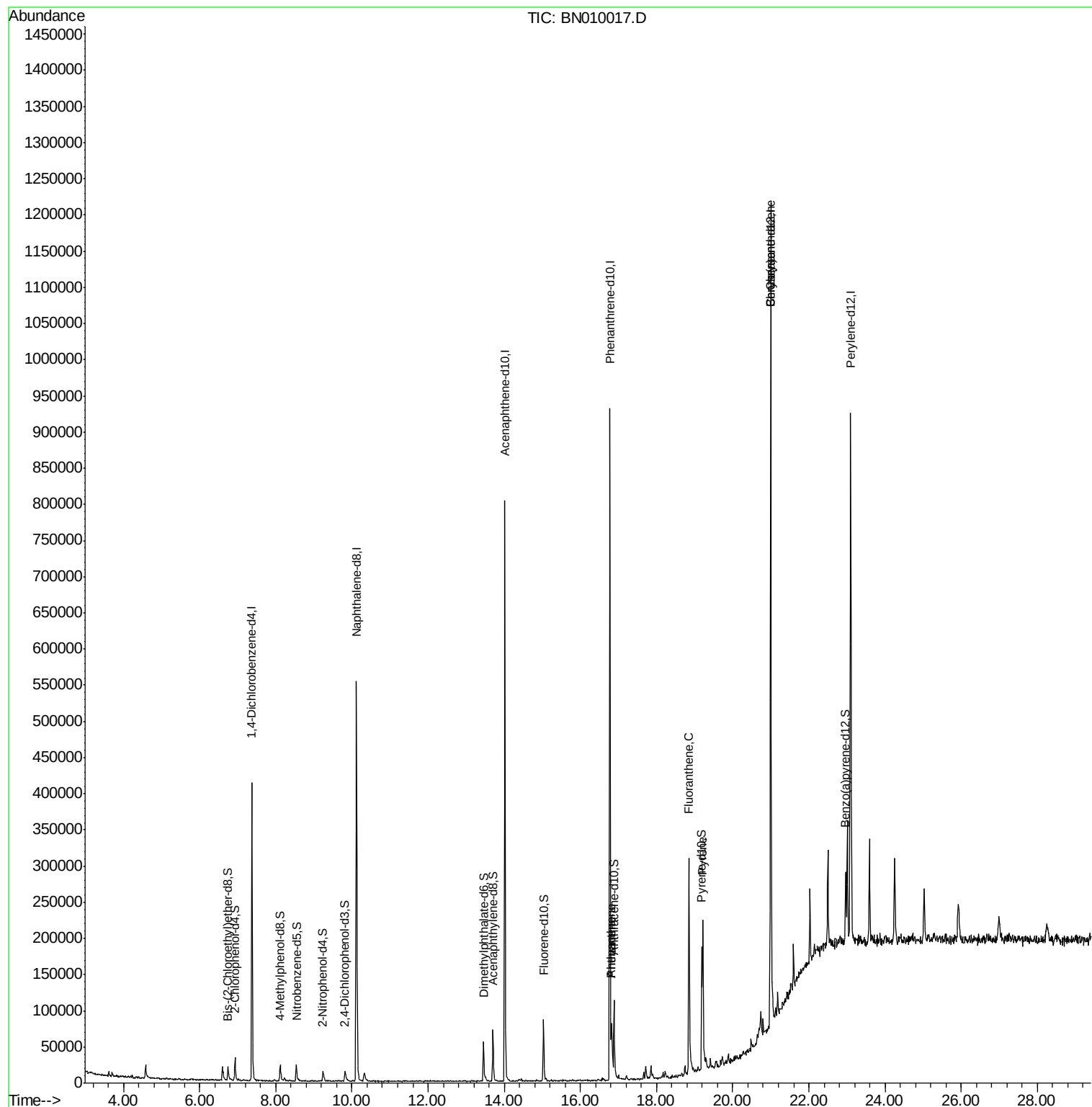
					Ovalue
70) Phenanthrene	16.82	178	61054	2.031	ng/ul 96
72) Anthracene	16.82	178	61054	1.987	ng/ul 96
77) Fluoranthene	18.85	202	215846	6.130	ng/ul 97
80) Pyrene	19.22	202	159103	4.788	ng/ul 97
83) Benzo(a)anthracene	20.99	228	32645	1.031	ng/ul 99
85) Chrysene	20.99	228	32645	1.047	ng/ul 98

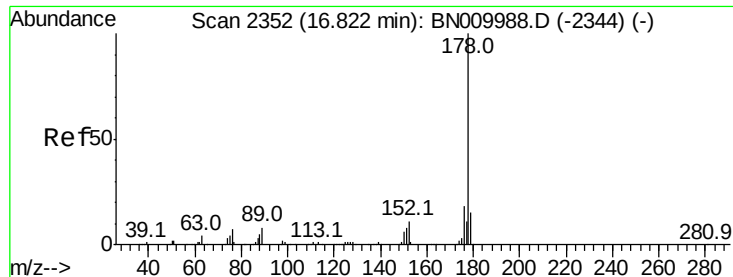
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.031 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BN010017.D

Acq: 29 Feb 2020 10:30

Instrument :

BNA_N

ClientSampleId :

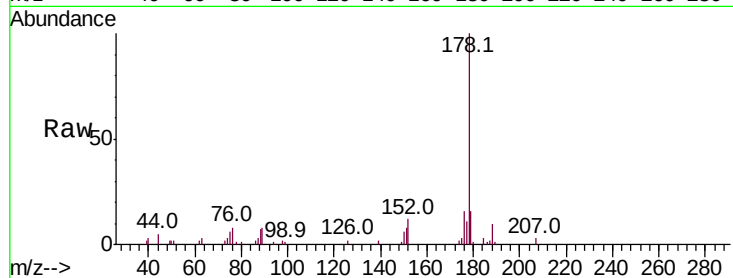
Tot Ion:178 Resp: 61054

Ion Ratio Lower Upper

178 100

179 16.0 12.5 18.7

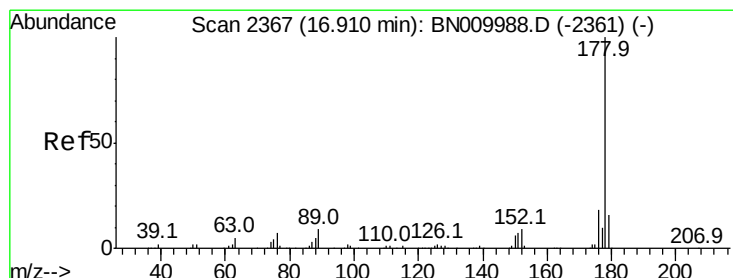
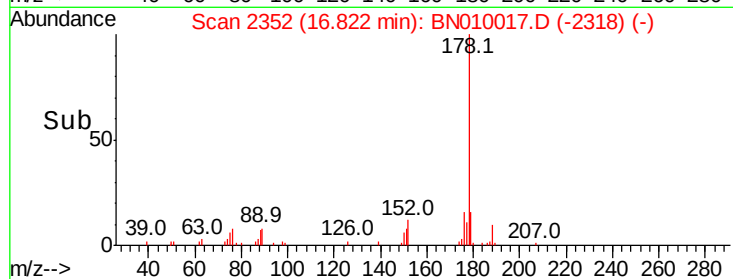
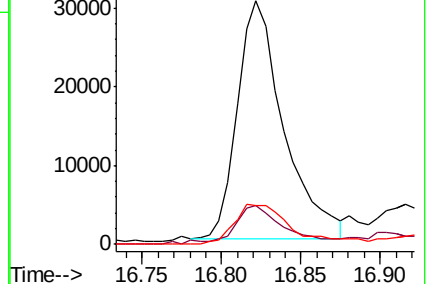
176 15.7 14.6 22.0



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: 1.987 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.09 min

Lab File: BN010017.D

Acq: 29 Feb 2020 10:30

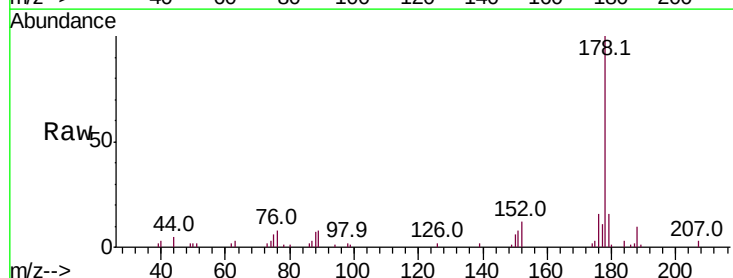
Tgt Ion:178 Resp: 61054

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

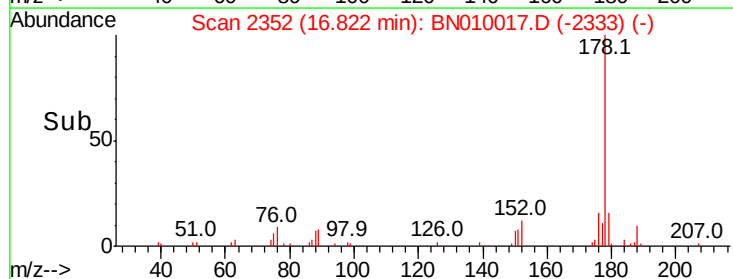
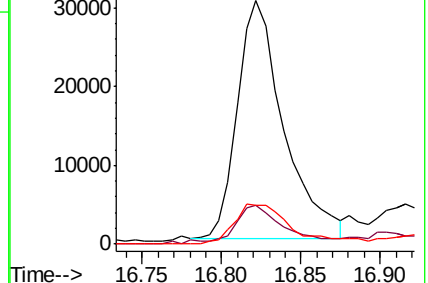
176 15.7 14.6 21.8

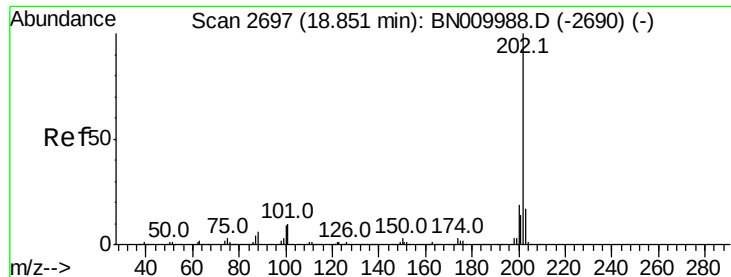


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

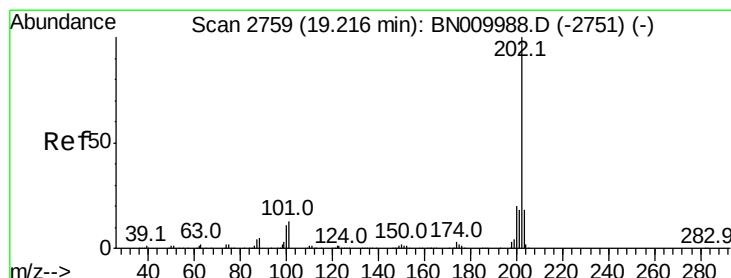
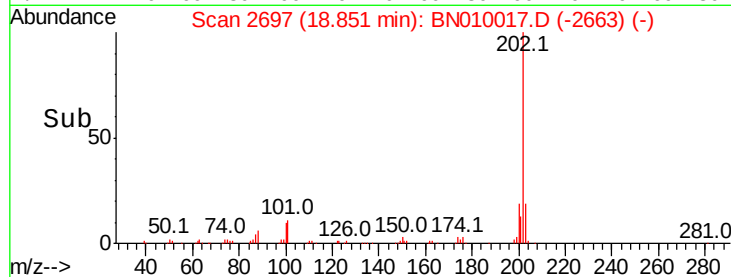
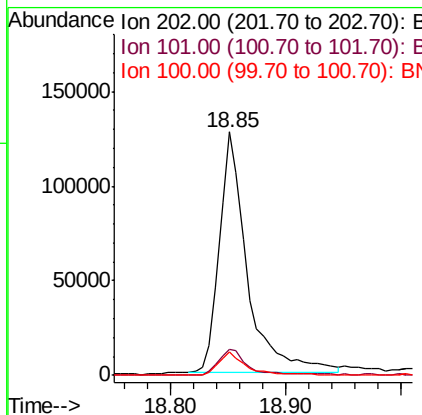
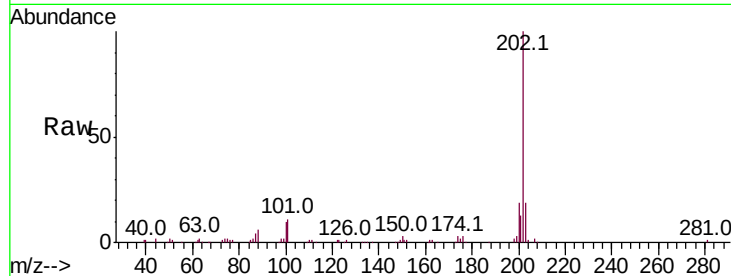




#77
 Fluoranthene
 Concen: 6.130 ng/ul
 RT: 18.85 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BN010017.D
 Acq: 29 Feb 2020 10:30

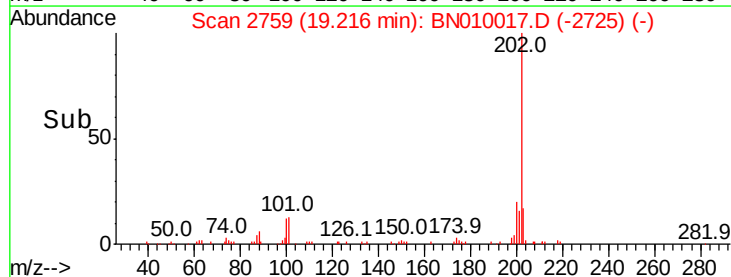
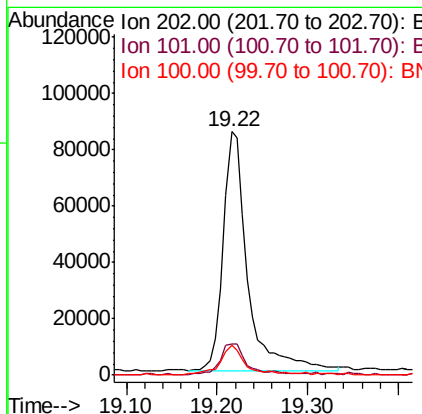
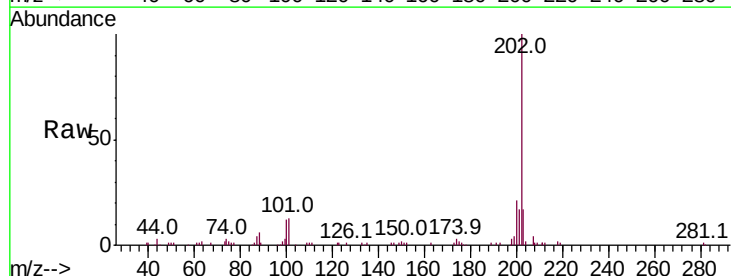
Instrument :
 BNA_N
 ClientSampleId :

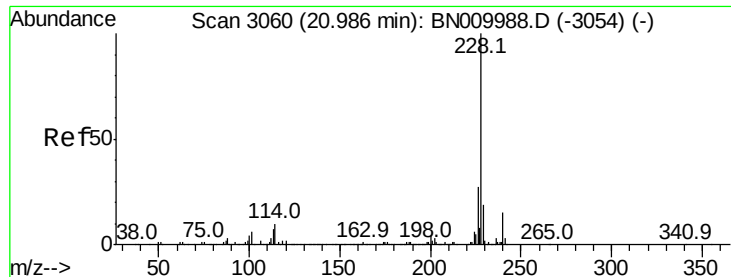
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	9.9	7.2	10.8



#80
 Pyrene
 Concen: 4.788 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BN010017.D
 Acq: 29 Feb 2020 10:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.3	16.9
100	12.1	9.0	13.6





#83

Benzo(a)anthracene

Concen: 1.031 ng/ul

RT: 20.99 min Scan# 3060

Delta R.T. -0.00 min

Lab File: BN010017.D

Acq: 29 Feb 2020 10:30

Instrument :

BNA_N

ClientSampled :

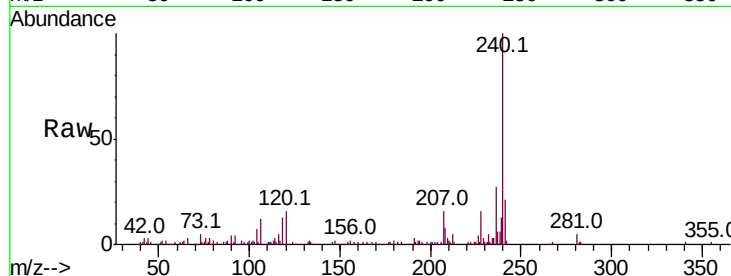
Tot Ion:228 Resp: 32645

Ion Ratio Lower Upper

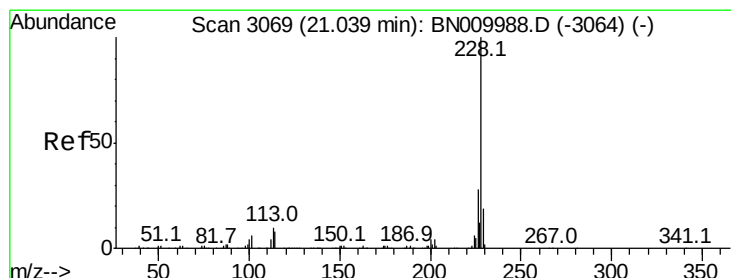
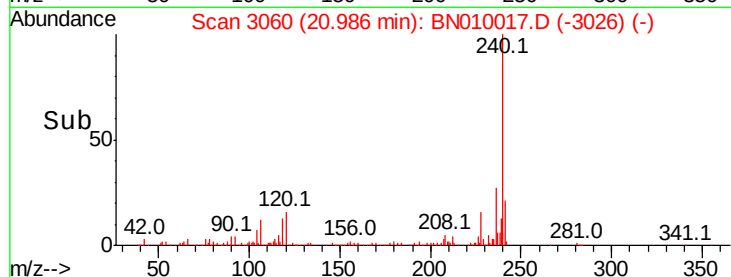
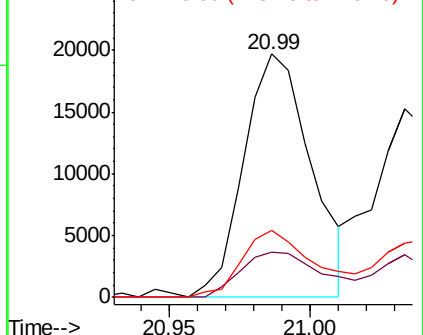
228 100

229 18.5 15.0 22.4

226 27.7 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: 1.047 ng/ul

RT: 20.99 min Scan# 3060

Delta R.T. -0.05 min

Lab File: BN010017.D

Acq: 29 Feb 2020 10:30

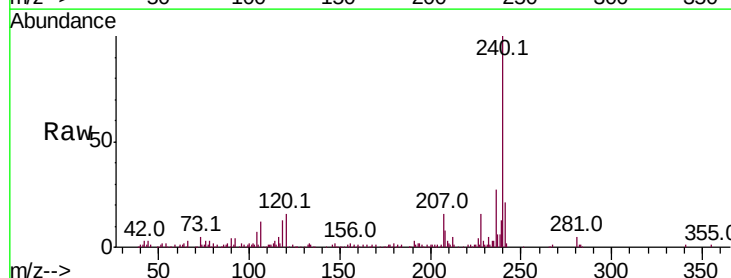
Tgt Ion:228 Resp: 32645

Ion Ratio Lower Upper

228 100

226 27.7 23.4 35.2

229 18.5 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

