

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010004.D
 Acq On : 29 Feb 2020 02:44
 Operator : CG/JU
 Sample : L1507-16RX
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:51:54 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	85183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	362225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	230334	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	491333	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	434738	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	463008	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	16.88	188	641	0.03	ng/ul	0.00
79) Pyrene-d10	19.19	212	709	0.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	514	0.02	ng/ul	0.00

Target Compounds

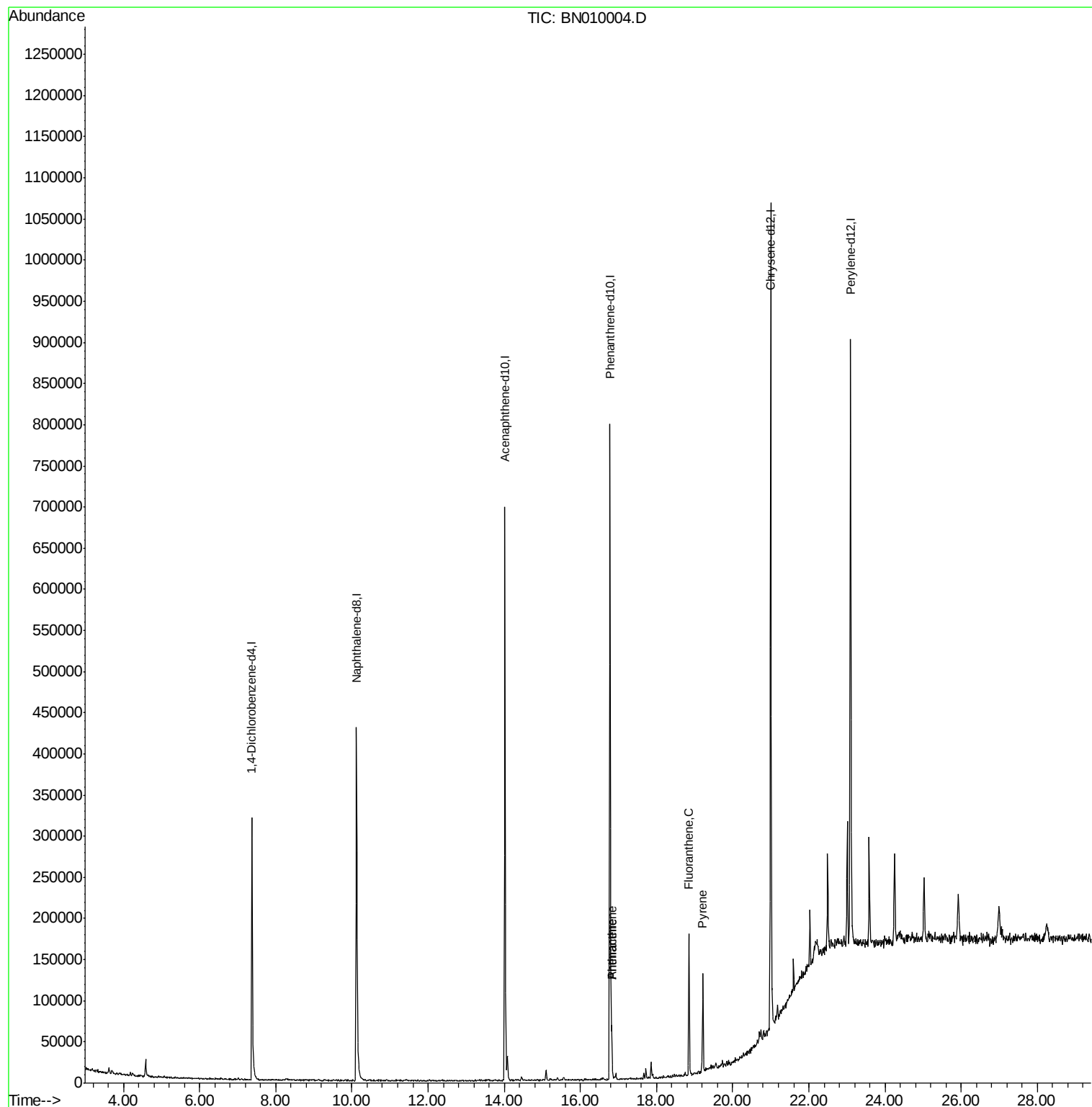
				Ovalue	
70) Phenanthrene	16.82	178	34344	1.225	ng/ul 96
72) Anthracene	16.82	178	34344	1.198	ng/ul 95
77) Fluoranthene	18.85	202	102581	3.123	ng/ul 96
80) Pyrene	19.22	202	74728	2.384	ng/ul 99

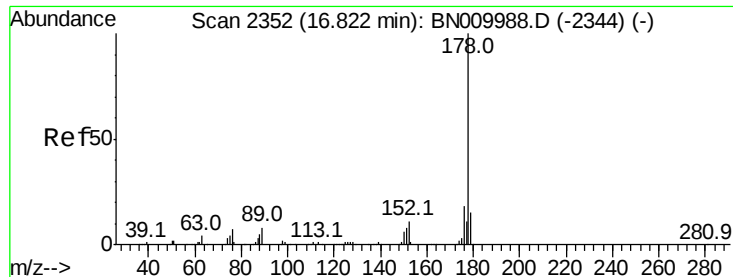
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 1.225 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BN010004.D

Acq: 29 Feb 2020 02:44

Instrument :

BNA_N

ClientSampleId :

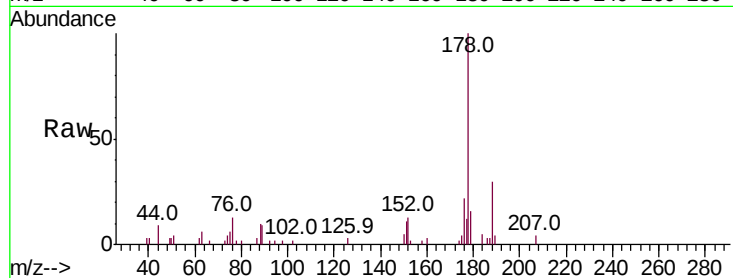
Tot Ion:178 Resp: 34344

Ion Ratio Lower Upper

178 100

179 15.9 12.5 18.7

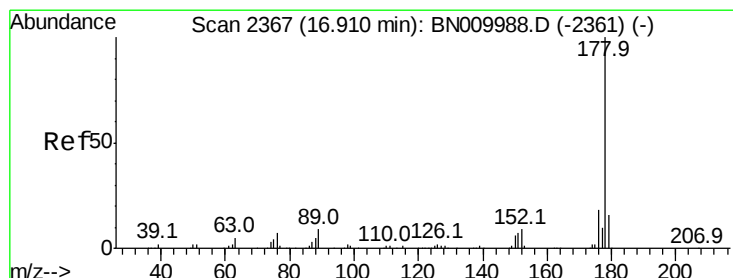
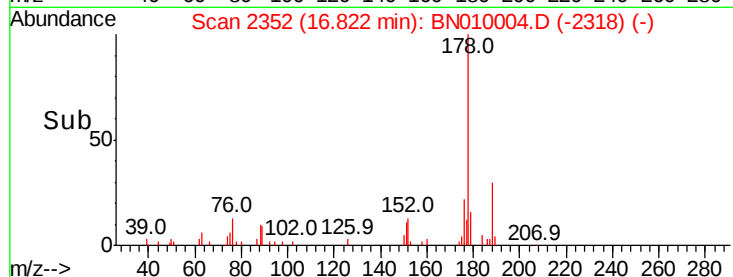
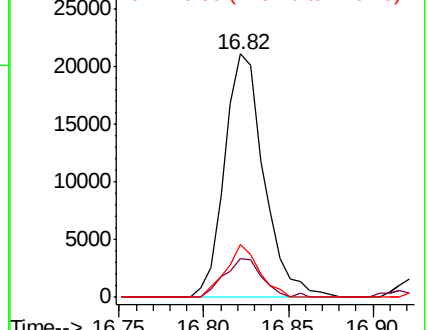
176 21.6 14.6 22.0



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: 1.198 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.09 min

Lab File: BN010004.D

Acq: 29 Feb 2020 02:44

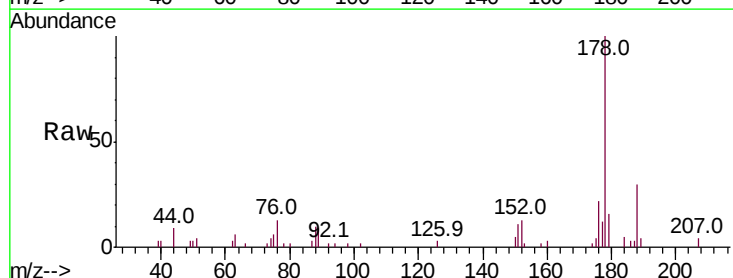
Tgt Ion:178 Resp: 34344

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

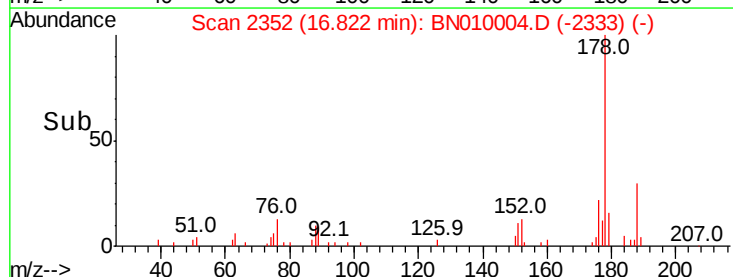
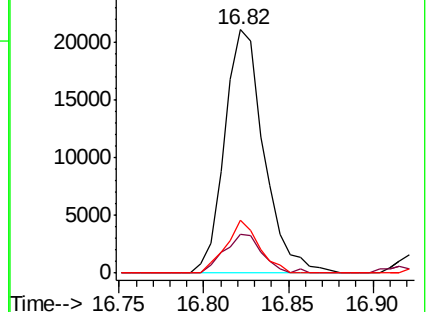
176 21.6 14.6 21.8

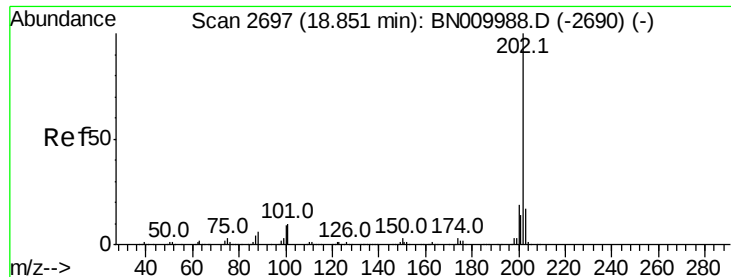


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 3.123 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. -0.00 min

Lab File: BN010004.D

Acq: 29 Feb 2020 02:44

Instrument :

BNA_N

ClientSampled :

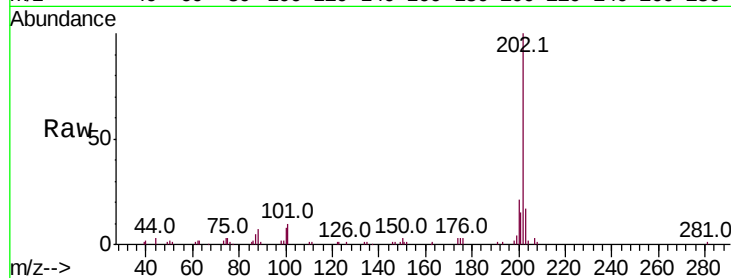
Tot Ion:202 Resp: 102581

Ion Ratio Lower Upper

202 100

101 10.1 9.4 14.2

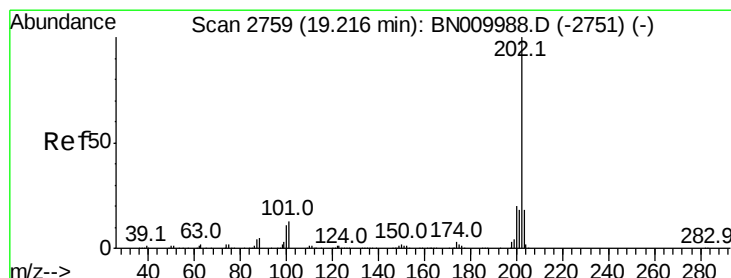
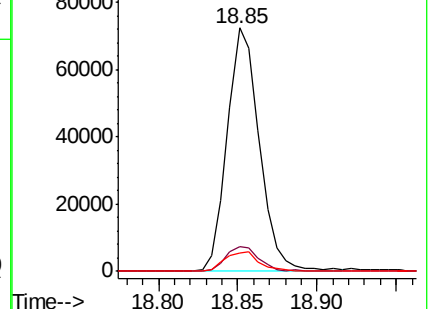
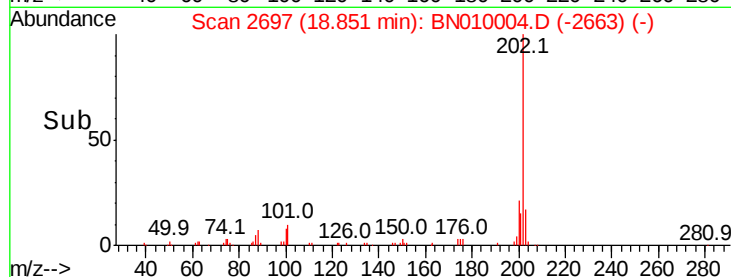
100 7.6 7.2 10.8



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: 2.384 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. -0.00 min

Lab File: BN010004.D

Acq: 29 Feb 2020 02:44

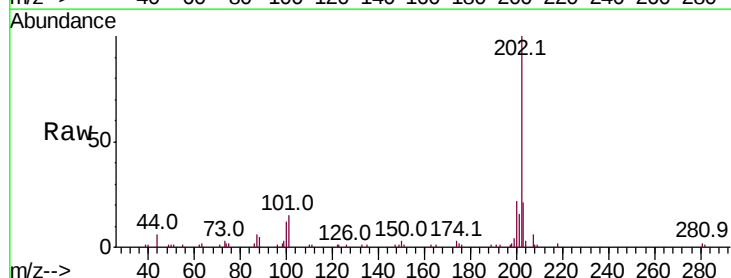
Tgt Ion:202 Resp: 74728

Ion Ratio Lower Upper

202 100

101 14.8 11.3 16.9

100 11.5 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

