

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010016.D
 Acq On : 29 Feb 2020 09:54
 Operator : CG/JU
 Sample : L1516-16RX
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:54:03 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	115723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	509007	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	309072	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	631064	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	550736	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	566337	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	819	0.29	ng/uL	0.02
5) Phenol-d5	6.60	99	23624	2.40	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	18376	2.71	ng/ul	0.01
9) 2-Chlorophenol-d4	6.92	132	20781	2.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	18054	2.31	ng/ul	0.02
19) Nitrobenzene-d5	8.53	128	8849	2.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.24	143	8729	2.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.80	165	15436	1.97	ng/ul	0.04
29) 4-Chloroaniline-d4	10.31	131	22248	2.53	ng/ul	0.04
44) Dimethylphthalate-d6	13.45	166	62989	2.73	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	74031	2.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	1502	0.36	ng/ul	0.09
58) Fluorene-d10	15.03	176	54499	2.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	1828	0.47	ng/ul	0.04
71) Anthracene-d10	16.88	188	88137	3.05	ng/ul	0.00
79) Pyrene-d10	19.19	212	94622	3.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	92185	3.26	ng/ul	0.00

Target Compounds

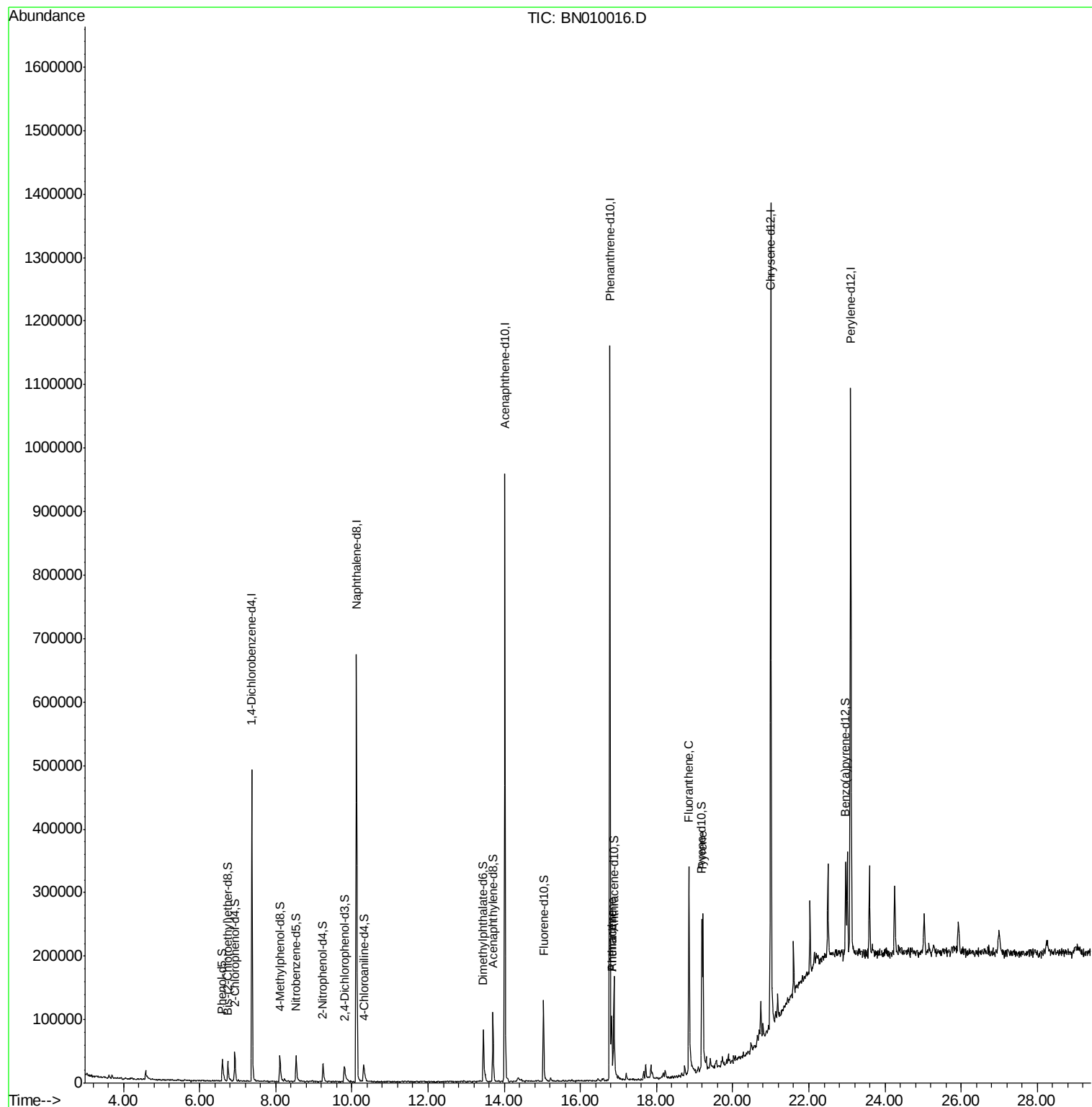
					Ovalue
70) Phenanthrene	16.82	178	79028	2.194 ng/ul	97
72) Anthracene	16.82	178	79863	2.169 ng/ul	97
77) Fluoranthene	18.85	202	244854	5.804 ng/ul	99
80) Pyrene	19.22	202	167522	4.219 ng/ul	98

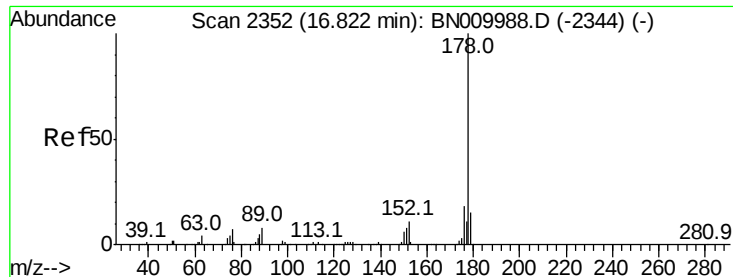
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.194 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BN010016.D

Acq: 29 Feb 2020 09:54

Instrument :

BNA_N

ClientSampled :

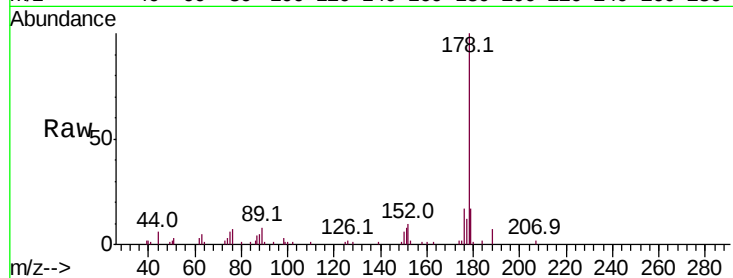
Tot Ion:178 Resp: 79028

Ion Ratio Lower Upper

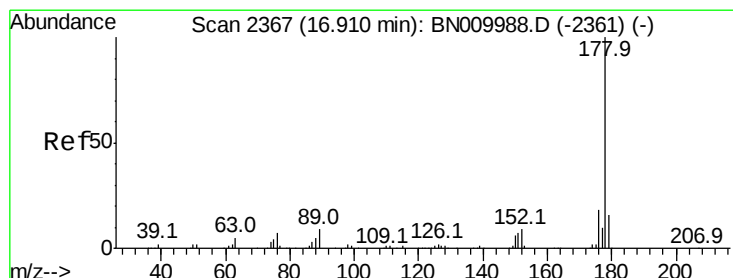
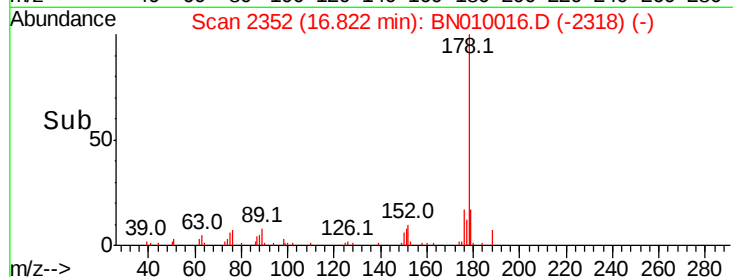
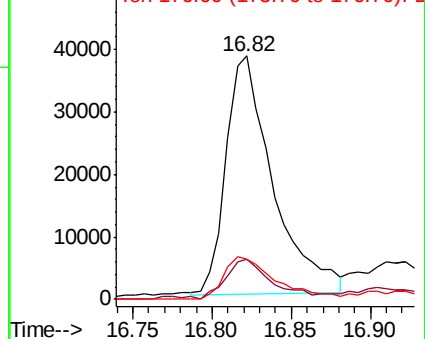
178 100

179 16.5 12.5 18.7

176 16.6 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: 2.169 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. -0.09 min

Lab File: BN010016.D

Acq: 29 Feb 2020 09:54

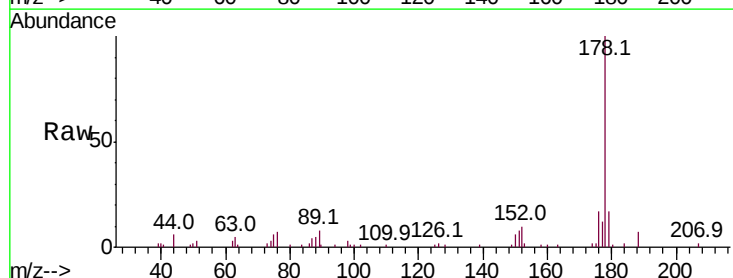
Tgt Ion:178 Resp: 79863

Ion Ratio Lower Upper

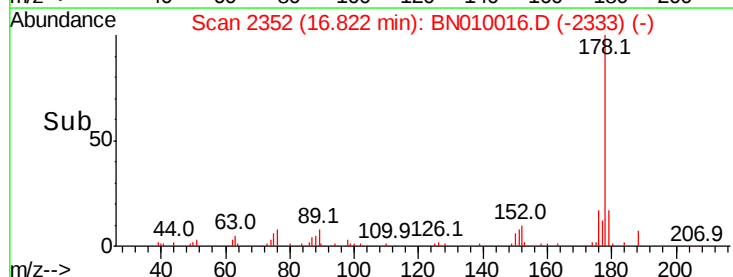
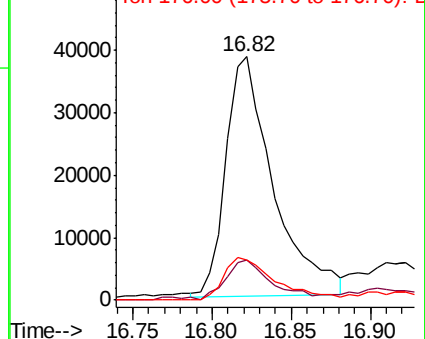
178 100

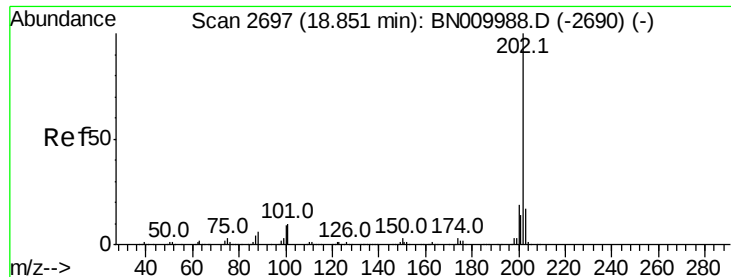
179 16.5 12.2 18.2

176 16.6 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

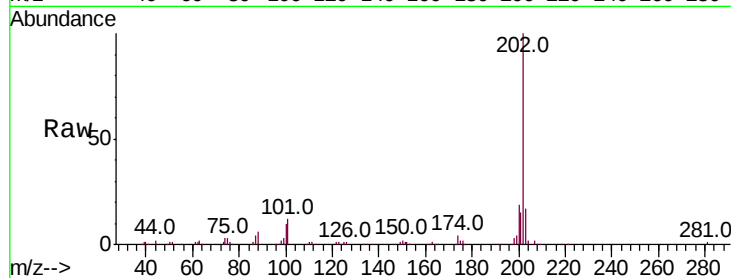




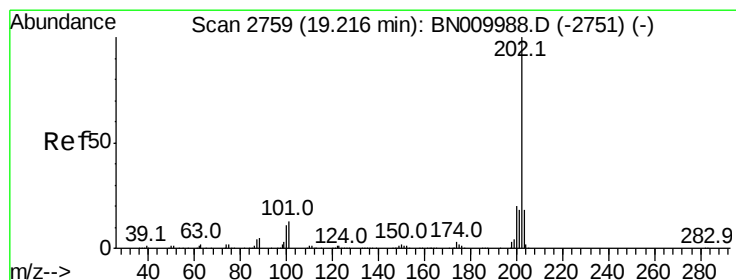
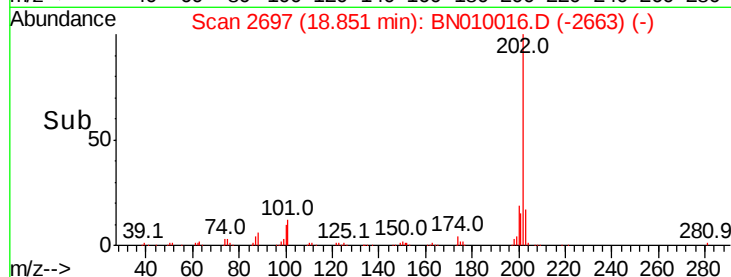
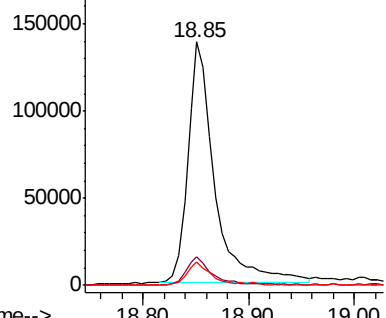
#77
Fluoranthene
 Concen: 5.804 ng/ul
 RT: 18.85 min Scan# 2697
 Delta R.T. 0.00 min
 Lab File: BN010016.D
 Acq: 29 Feb 2020 09:54

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.2
100	9.5	7.2	10.8

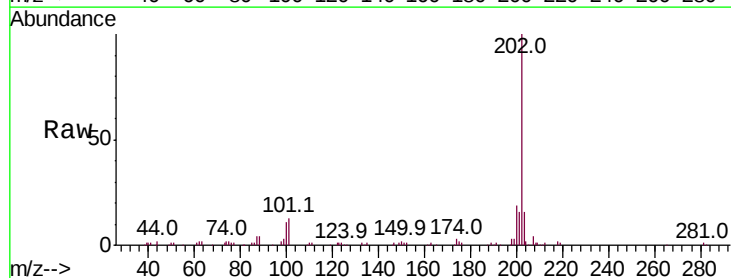


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
Pyrene
 Concen: 4.219 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BN010016.D
 Acq: 29 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.3	16.9
100	11.2	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

