

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022820\
 Data File : BN010015.D
 Acq On : 29 Feb 2020 09:19
 Operator : CG/JU
 Sample : L1516-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD27

Quant Time: Mar 02 05:53:57 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	106095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	469587	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	282907	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	587384	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	517065	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	550266	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	12378	4.80	ng/uL	0.00
5) Phenol-d5	6.58	99	252916	28.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	180324	28.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	198951	29.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	203168	28.30	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	98999	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	113949	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	195925	27.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	237015	29.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	596043	28.21	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	727796	29.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	84340	21.85	ng/ul	0.02
58) Fluorene-d10	15.02	176	505302	27.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	65260	17.88	ng/ul	0.00
71) Anthracene-d10	16.87	188	765735	28.44	ng/ul	0.00
79) Pyrene-d10	19.19	212	803350	29.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	788461	28.69	ng/ul	0.00

Target Compounds

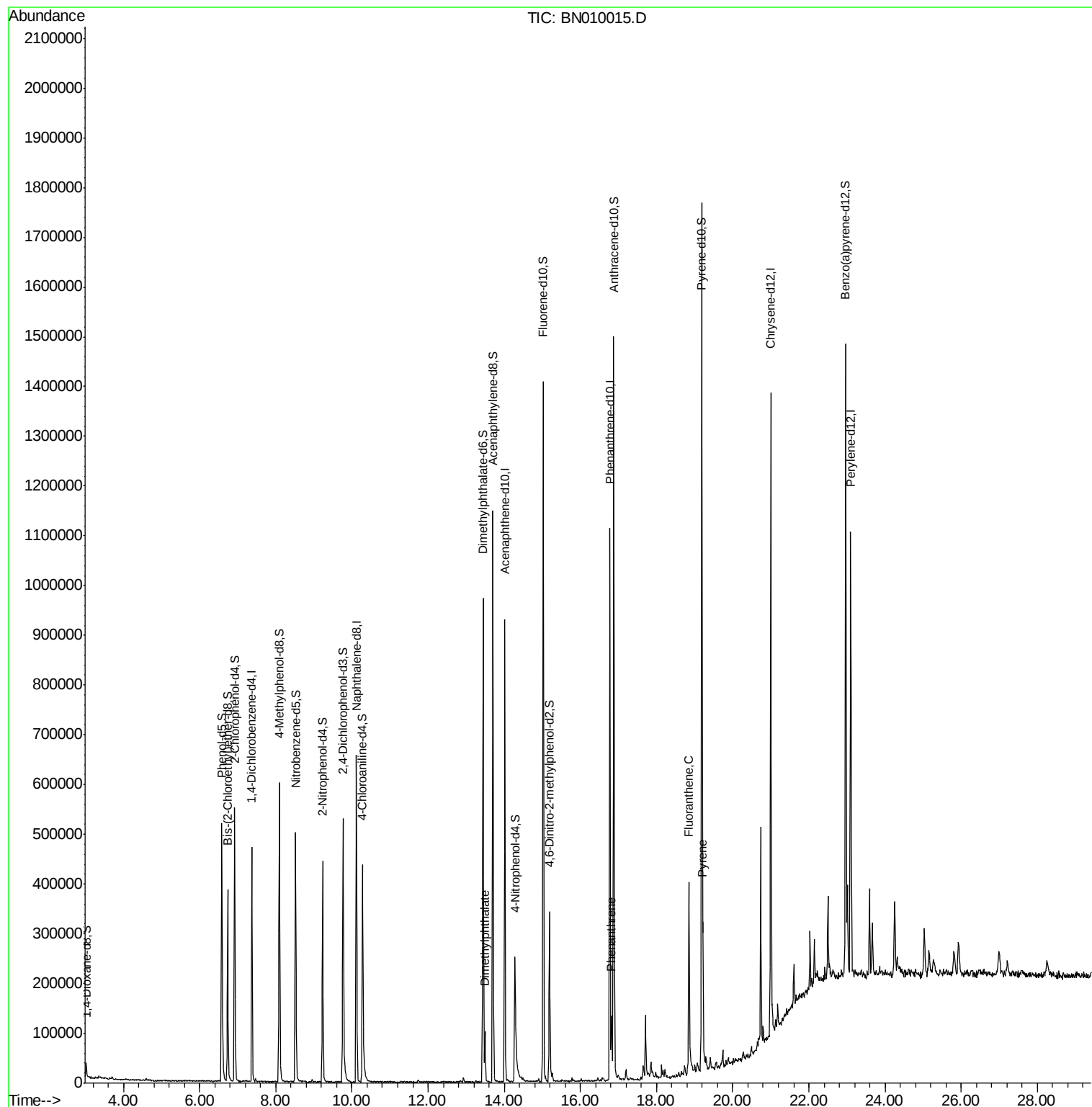
					Ovalue	
45) Dimethylphthalate	13.49	163	58813	2.667	ng/ul#	99
70) Phenanthrene	16.82	178	105262	3.140	ng/ul	99
77) Fluoranthene	18.85	202	269892	6.873	ng/ul	98
80) Pyrene	19.22	202	202939	5.444	ng/ul	98

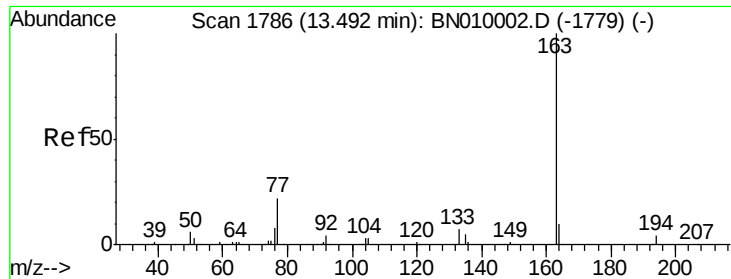
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.667 ng/ul

RT: 13.49 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BN010015.D

Acq: 29 Feb 2020 09:19

Instrument :

BNA_N

ClientSampled :

DBD27

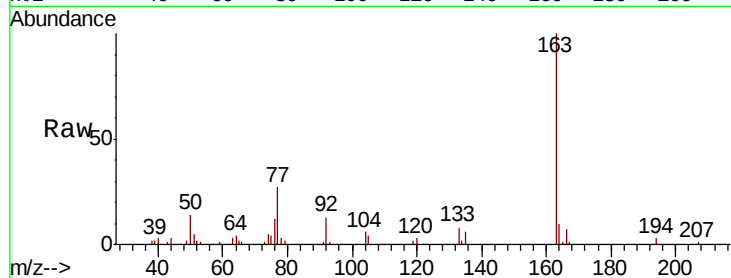
Tot Ion:163 Resp: 58813

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.0#

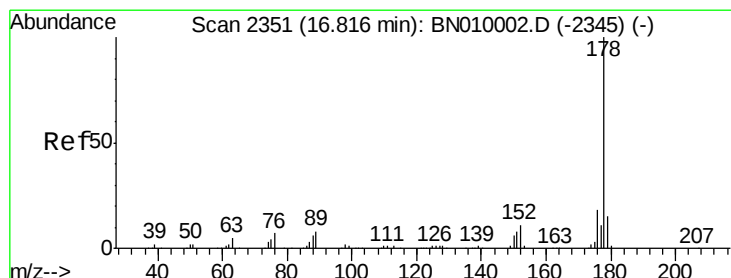
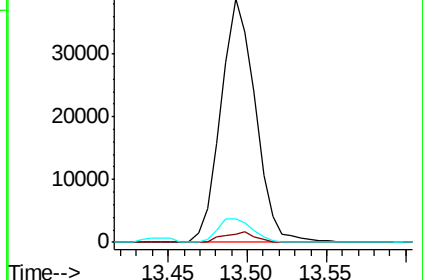
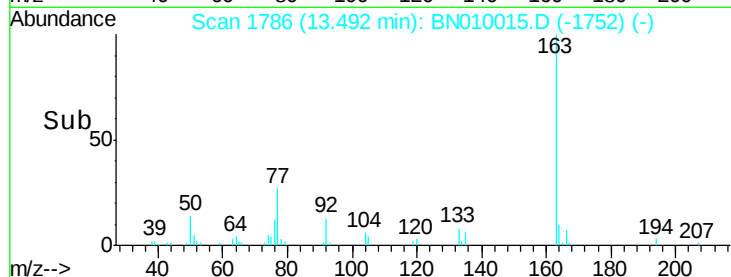
164 9.8 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 3.140 ng/ul

RT: 16.82 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BN010015.D

Acq: 29 Feb 2020 09:19

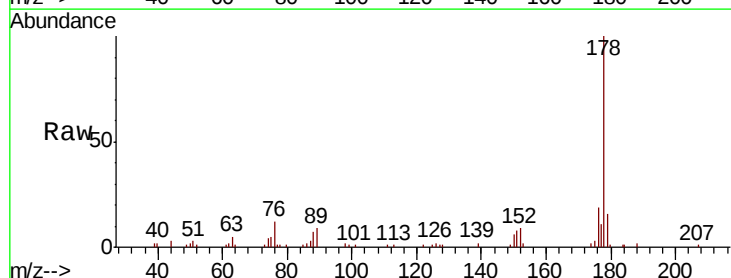
Tgt Ion:178 Resp: 105262

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

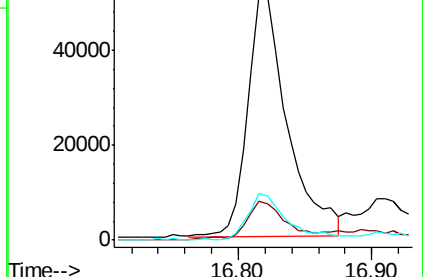
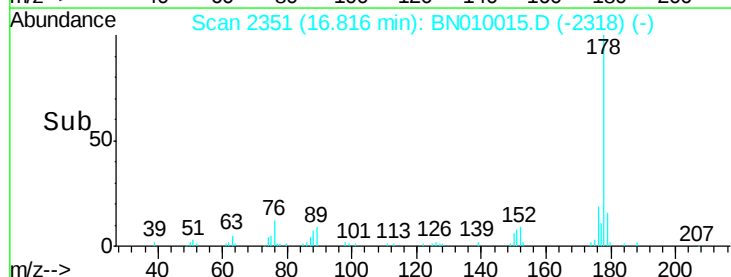
176 19.2 14.6 22.0

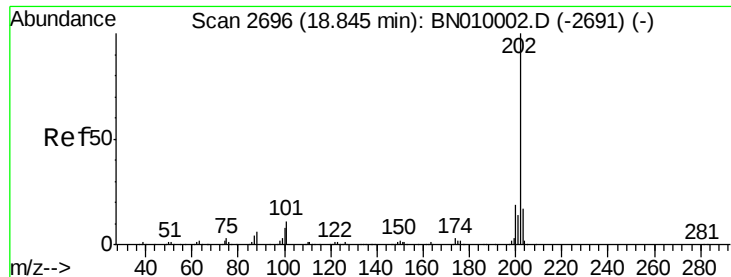


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

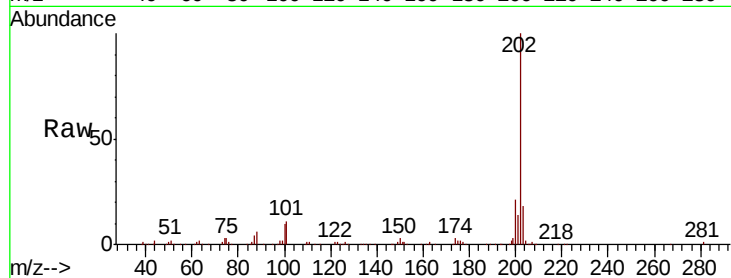




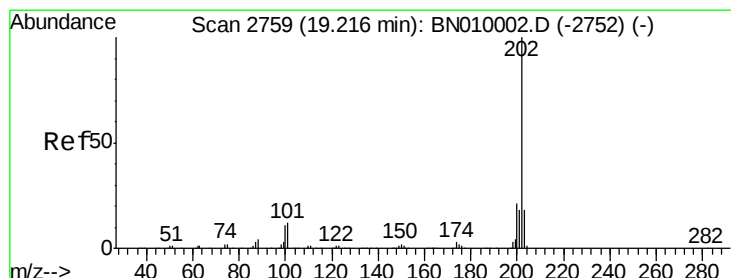
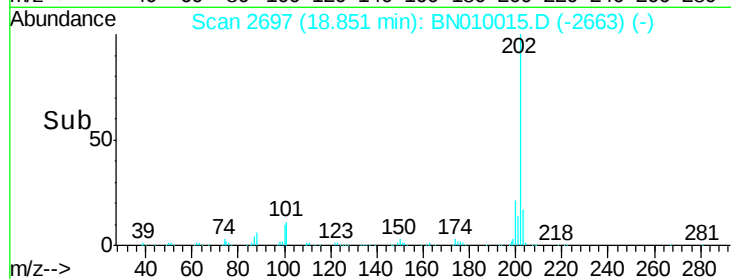
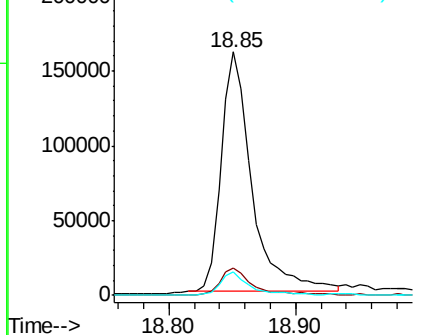
#77
 Fluoranthene
 Concen: 6.873 ng/ul
 RT: 18.85 min Scan# 2697
 Delta R.T. -0.00 min
 Lab File: BN010015.D
 Acq: 29 Feb 2020 09:19

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Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.4	14.2
100	9.5	7.2	10.8

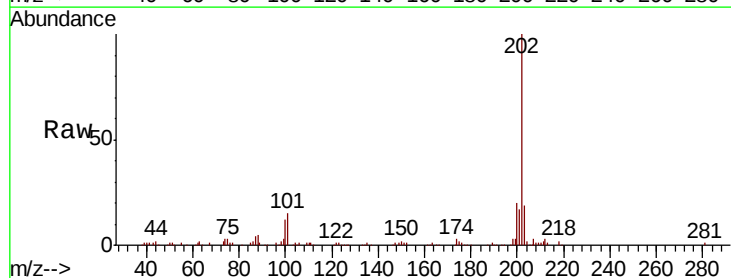


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



#80
 Pyrene
 Concen: 5.444 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. -0.00 min
 Lab File: BN010015.D
 Acq: 29 Feb 2020 09:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	12.1	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

