

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009763.D
 Acq On : 19 Feb 2020 03:49
 Operator : CG/JU
 Sample : L1541-15
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD67

Quant Time: Feb 19 04:50:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	122471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	497510	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	316911	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	682776	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	654343	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	679027	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	17070	5.73	ng/uL	0.00
5) Phenol-d5	6.62	99	69831	6.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	220852	30.72	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	203751	25.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	136903	16.52	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	119994	32.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	129431	32.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	228965	29.91	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.48	166	866083	36.59	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	970090	34.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	20953	4.85	ng/ul	0.02
58) Fluorene-d10	15.06	176	720105	35.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	121879	28.74	ng/ul	0.00
71) Anthracene-d10	16.91	188	1145245	36.59	ng/ul	0.00
79) Pyrene-d10	19.22	212	1283350	37.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1279298	37.73	ng/ul	0.00

Target Compounds

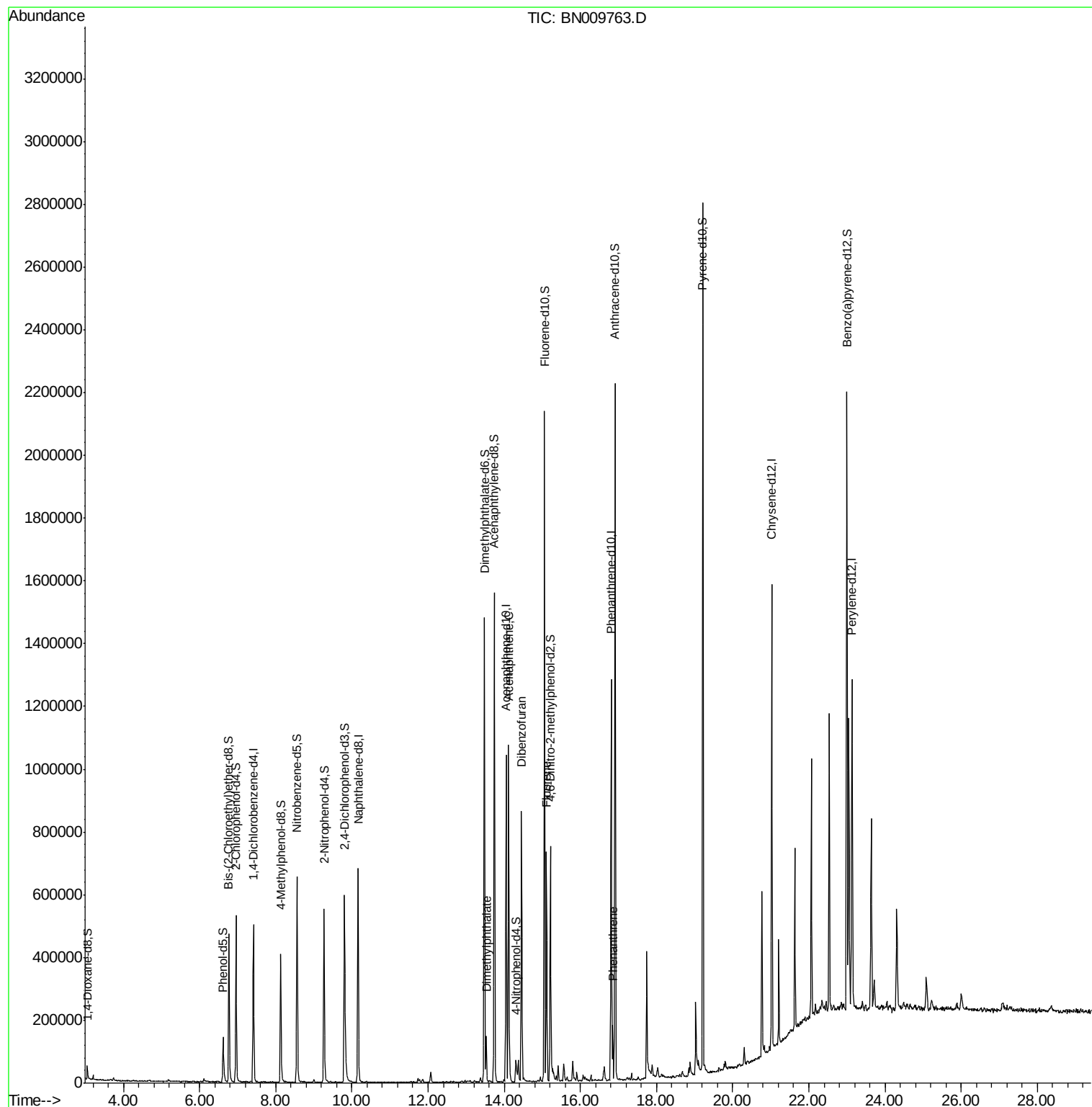
					Ovalue
45) Dimethylphthalate	13.53	163	79643	3.224	ng/ul 99
50) Acenaphthene	14.12	153	390777	18.891	ng/ul 99
54) Dibenzofuran	14.46	168	510090	17.569	ng/ul 94
59) Fluorene	15.11	166	307222	12.608	ng/ul 94
70) Phenanthrene	16.85	178	95729	2.457	ng/ul 98

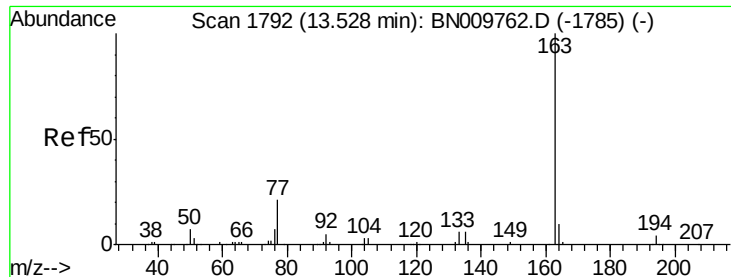
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 3.224 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

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BNA_N

ClientSampleId :

DBD67

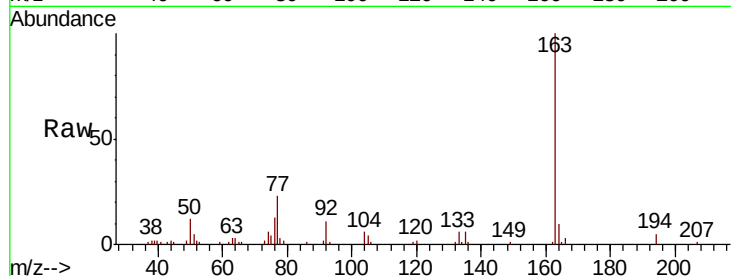
Tot Ion:163 Resp: 79643

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

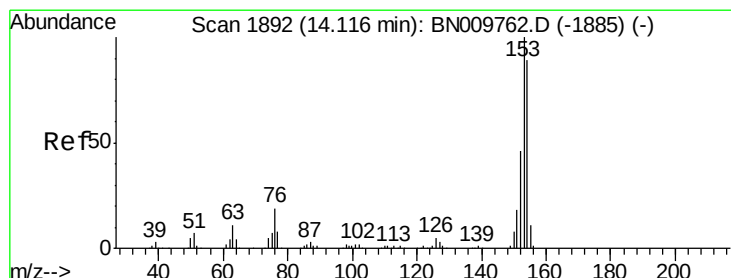
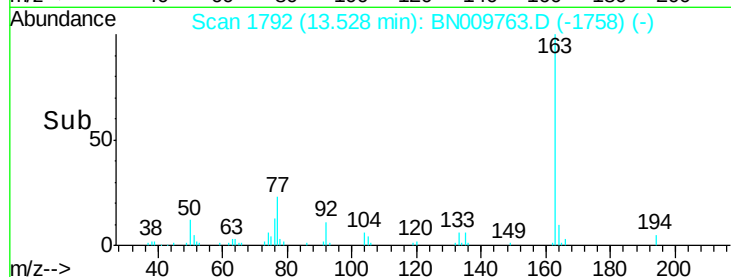
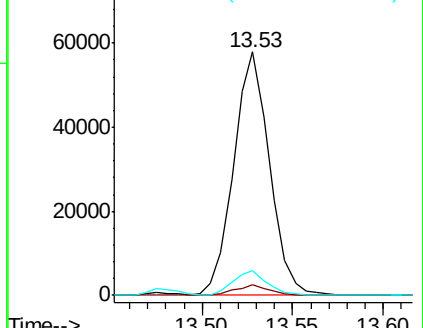
164 10.1 8.0 12.0



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



#50

Acenaphthene

Concen: 18.891 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. -0.00 min

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Acq: 19 Feb 2020 03:49

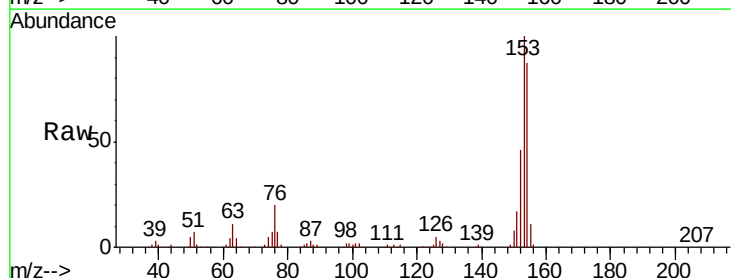
Tgt Ion:153 Resp: 390777

Ion Ratio Lower Upper

153 100

152 46.2 36.6 54.8

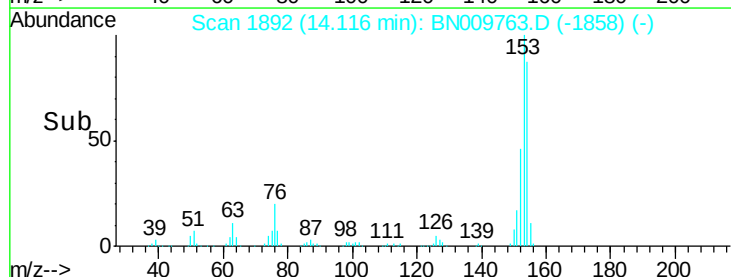
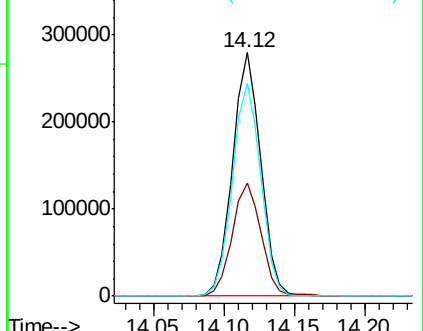
154 87.2 70.6 106.0

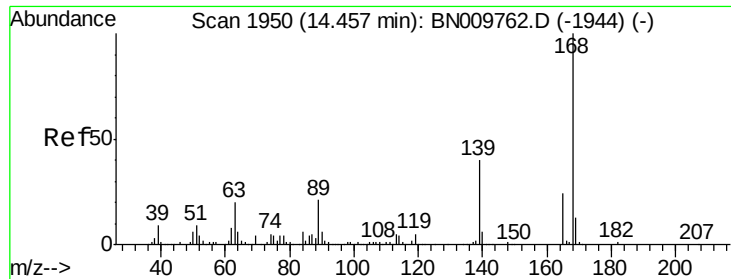


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 17.569 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

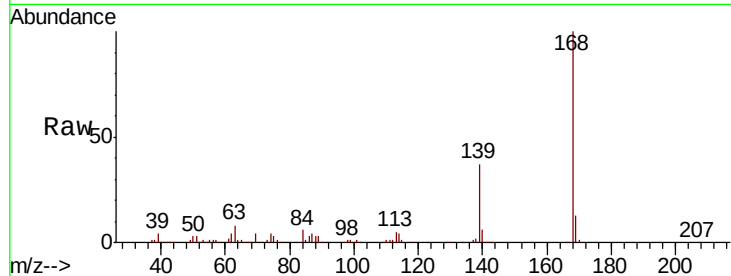
DBD67

Tot Ion:168 Resp: 510090

Ion Ratio Lower Upper

168 100

139 37.3 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

400000

300000

200000

100000

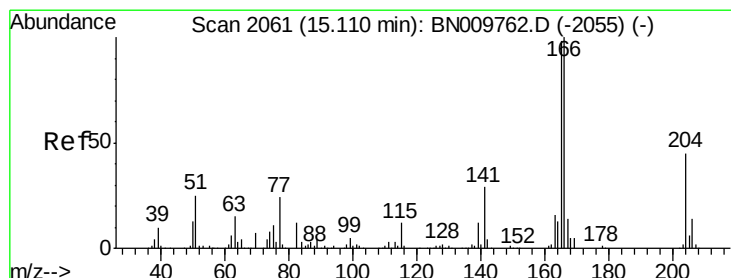
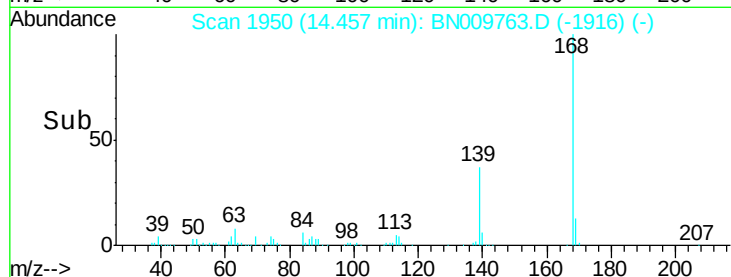
0

14.46

14.40

14.50

Time-->



#59

Fluorene

Concen: 12.608 ng/ul

RT: 15.11 min Scan# 2061

Delta R.T. -0.00 min

Lab File: BN009763.D

Acq: 19 Feb 2020 03:49

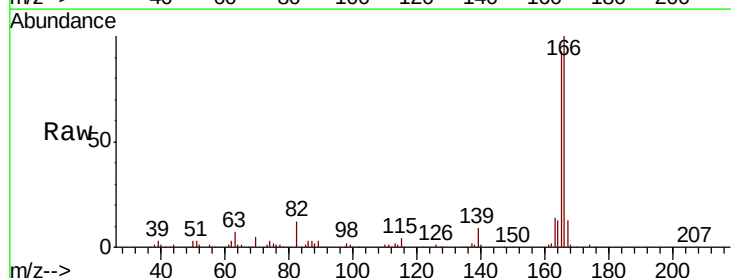
Tgt Ion:166 Resp: 307222

Ion Ratio Lower Upper

166 100

165 92.8 79.8 119.8

167 13.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

300000

250000

200000

150000

100000

50000

0

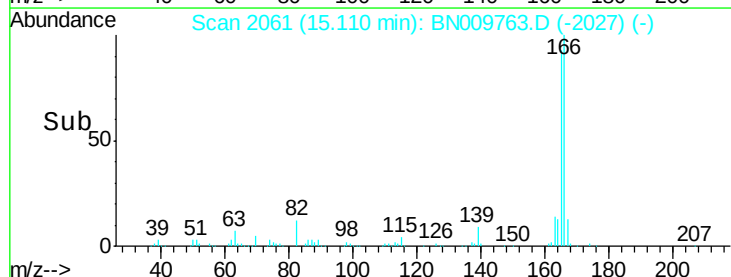
15.11

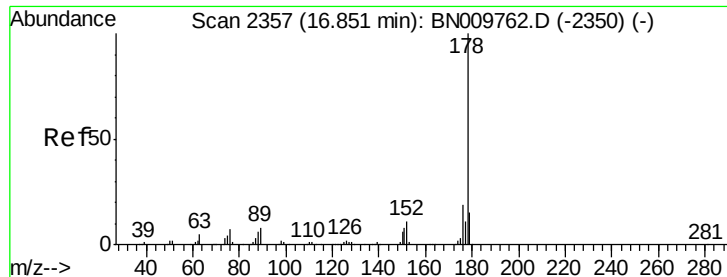
15.05

15.15

15.20

Time-->





#70

Phenanthrene

Concen: 2.457 ng/ul

RT: 16.85 min Scan# 2356

Delta R.T. -0.01 min

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Instrument :

BNA_N

ClientSampleId :

DBD67

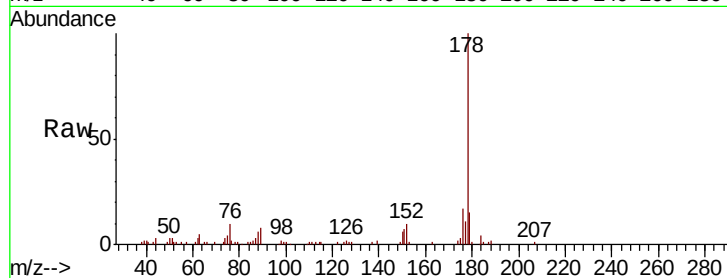
Tot Ion:178 Resp: 95729

Ion Ratio Lower Upper

178 100

179 14.6 12.5 18.7

176 17.4 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

