

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010013.D
 Acq On : 29 Feb 2020 08:07
 Operator : CG/JU
 Sample : L1516-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD23

Quant Time: Mar 02 09:05:39 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	118951	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	509209	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	306152	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	616976	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	523958	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	558310	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	9901	3.42	ng/uL	0.00
5) Phenol-d5	6.59	99	202612	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	142693	20.44	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	164595	21.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	160920	19.99	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	80201	21.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	90046	22.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	155557	19.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	211251	24.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	467595	20.45	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	588023	21.83	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	58788	14.08	ng/ul	0.02
58) Fluorene-d10	15.02	176	413568	20.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	45873	11.97	ng/ul	0.00
71) Anthracene-d10	16.87	188	604035	21.36	ng/ul	0.00
79) Pyrene-d10	19.19	212	646353	23.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	610135	21.88	ng/ul	0.00

Target Compounds

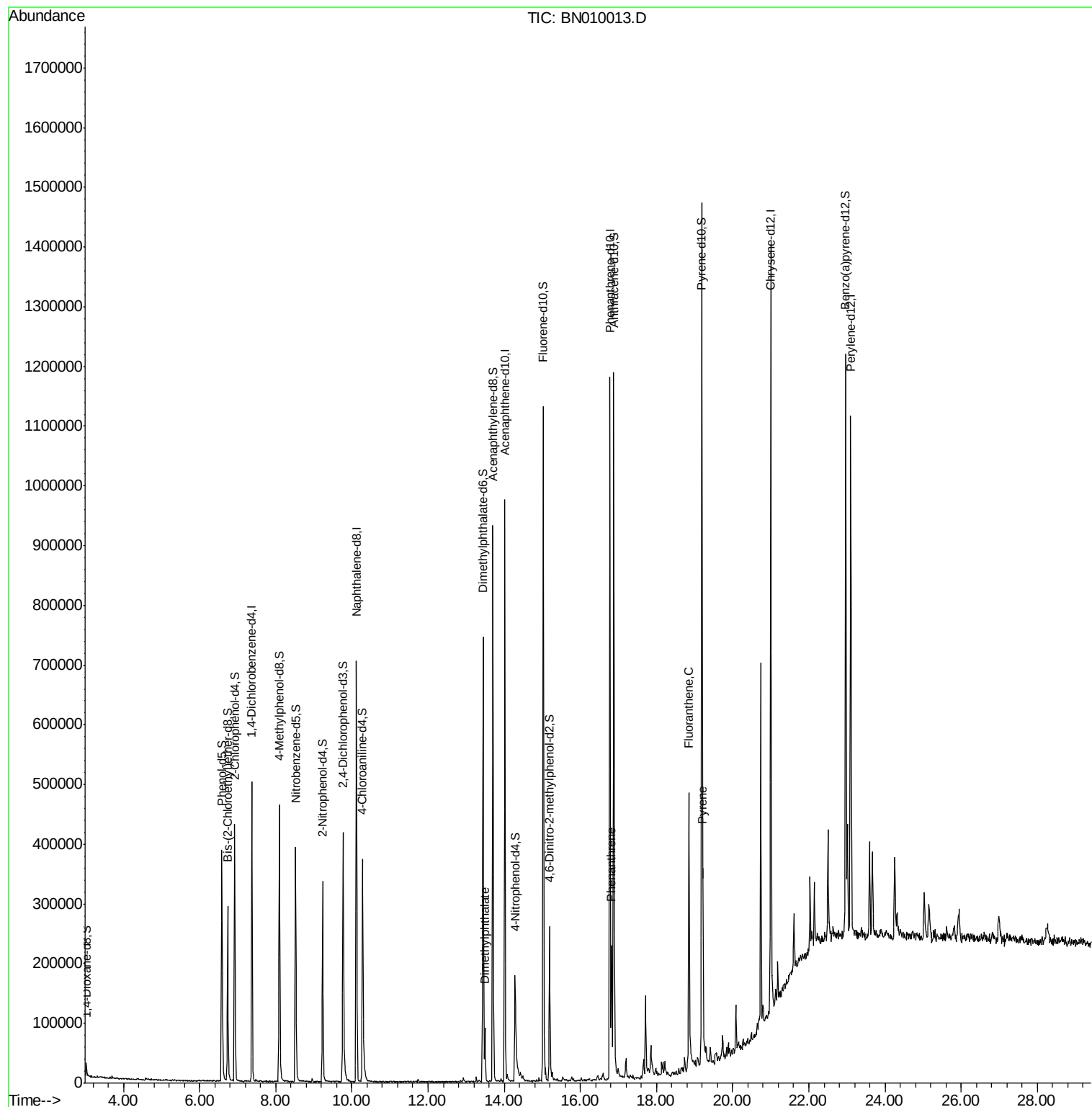
					Ovalue
45) Dimethylphthalate	13.49	163	48616	2.037 ng/ul	98
70) Phenanthrene	16.82	178	169686	4.819 ng/ul	98
77) Fluoranthene	18.85	202	321089	7.785 ng/ul	99
80) Pyrene	19.22	202	226984	6.009 ng/ul	99

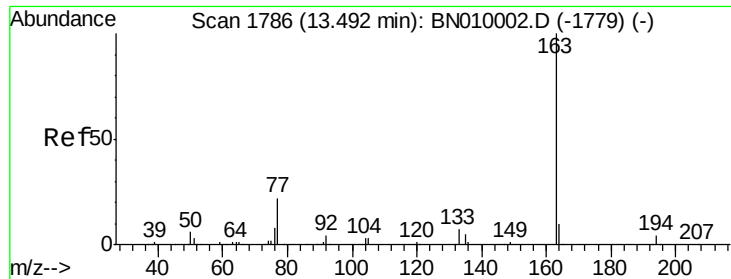
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 2.037 ng/ul

RT: 13.49 min Scan# 1786

Delta R.T. 0.00 min

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DBD23

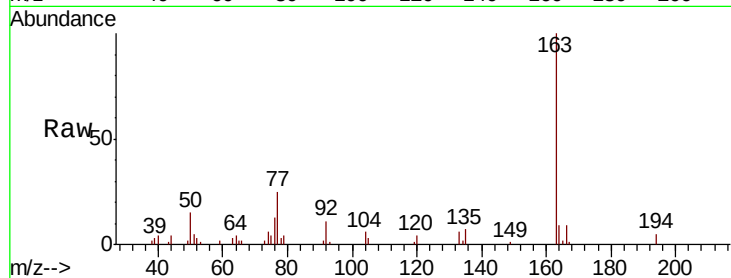
Tot Ion:163 Resp: 48616

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

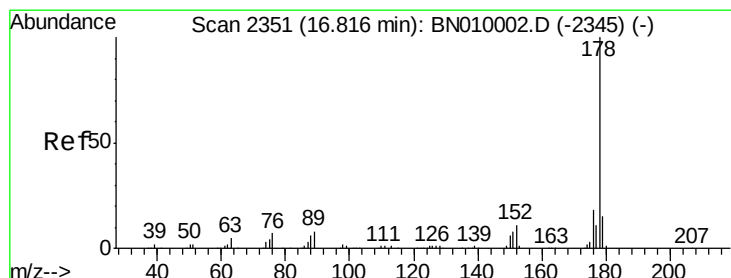
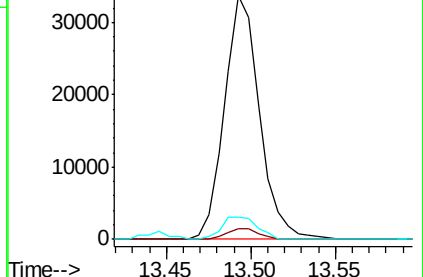
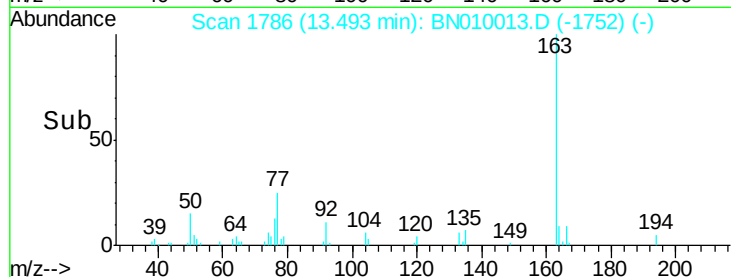
164 9.3 8.0 12.0



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: 4.819 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BN010013.D

Acq: 29 Feb 2020 08:07

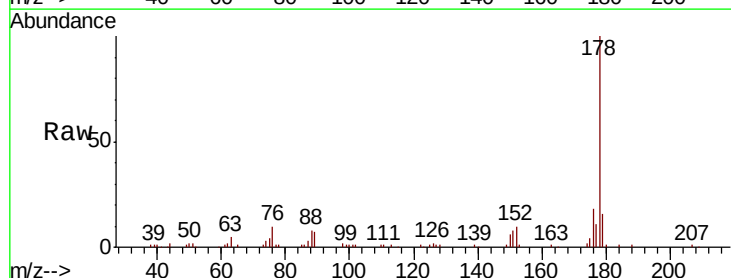
Tgt Ion:178 Resp: 169686

Ion Ratio Lower Upper

178 100

179 16.5 12.5 18.7

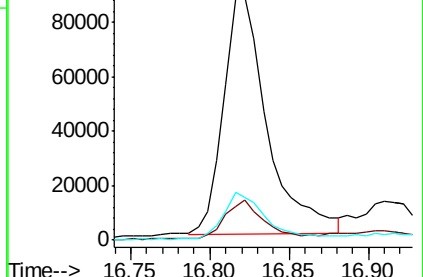
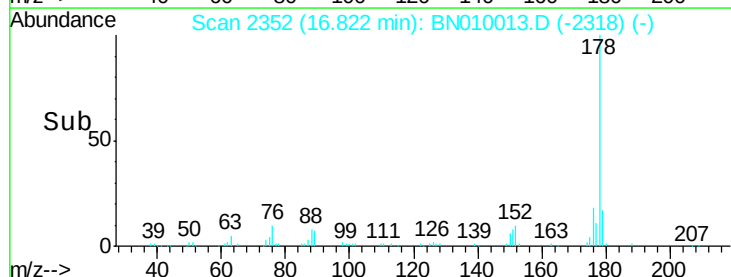
176 17.7 14.6 22.0

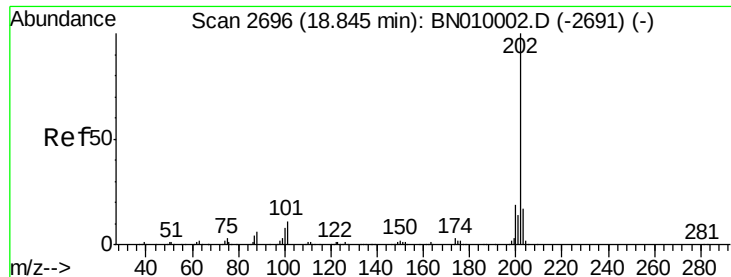


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 7.785 ng/ul

RT: 18.85 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BN010013.D

Acq: 29 Feb 2020 08:07

Instrument :

BNA_N

ClientSampled :

DBD23

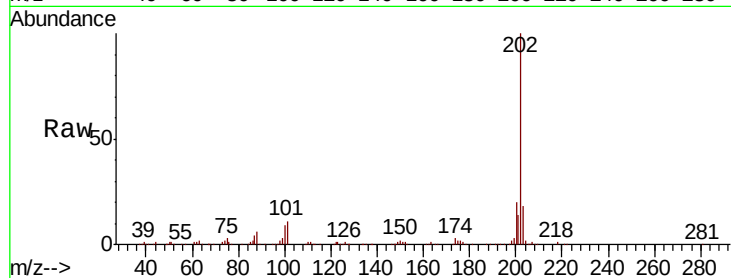
Tot Ion:202 Resp: 321089

Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.2

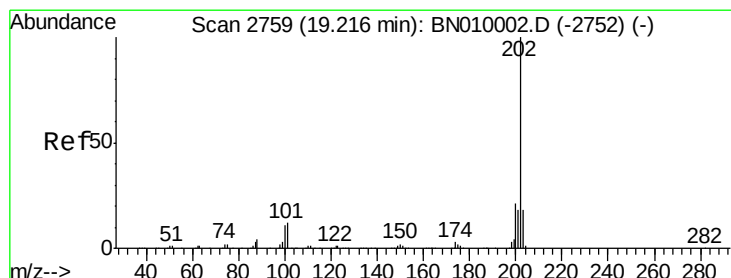
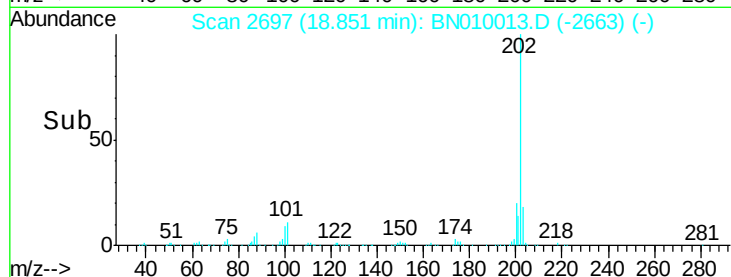
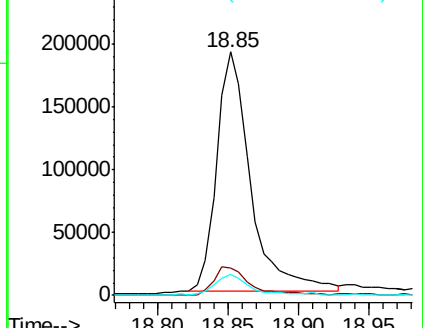
100 8.8 7.2 10.8



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: 6.009 ng/ul

RT: 19.22 min Scan# 2759

Delta R.T. 0.00 min

Lab File: BN010013.D

Acq: 29 Feb 2020 08:07

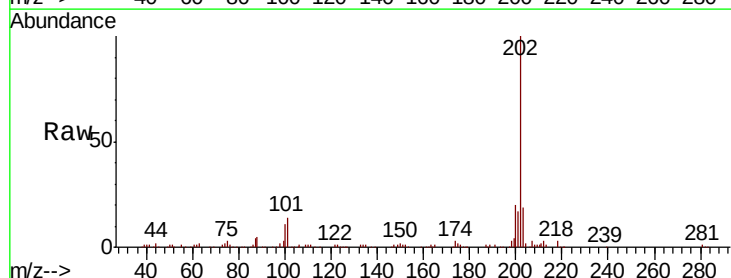
Tgt Ion:202 Resp: 226984

Ion Ratio Lower Upper

202 100

101 13.7 11.3 16.9

100 10.8 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

