

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022820\
 Data File : BN010012.D
 Acq On : 29 Feb 2020 07:31
 Operator : CG/JU
 Sample : L1516-04RX
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 02 05:53:33 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	102487	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	446791	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	264977	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	536712	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	458802	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	476741	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	10386	4.17	ng/uL	0.00
5) Phenol-d5	6.59	99	227807	26.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	156272	25.98	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	182291	27.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	185567	26.76	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	89106	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	101314	28.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	175303	25.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	243908	31.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	523266	26.44	ng/ul	0.00
47) Acenaphthylene-d8	13.70	160	638299	27.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	63525	17.57	ng/ul	0.02
58) Fluorene-d10	15.02	176	455039	26.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	50108	15.03	ng/ul	0.00
71) Anthracene-d10	16.87	188	666485	27.09	ng/ul	0.00
79) Pyrene-d10	19.19	212	680090	28.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	653238	27.44	ng/ul	0.00

Target Compounds

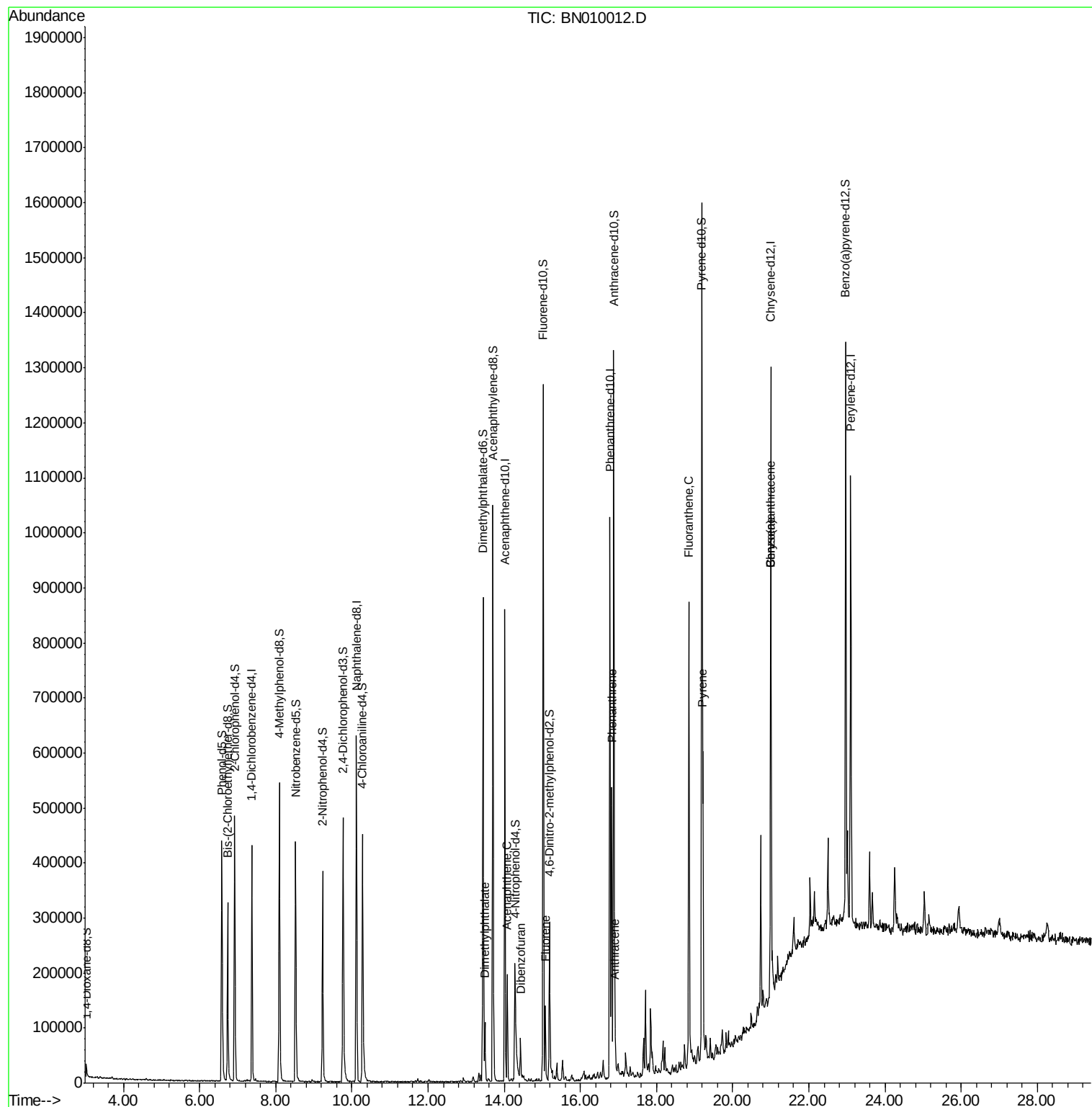
					Ovalue
45) Dimethylphthalate	13.49	163	56781	2.749 ng/ul	98
50) Acenaphthene	14.08	153	72794	4.209 ng/ul	98
54) Dibenzofuran	14.43	168	48435	1.995 ng/ul	97
59) Fluorene	15.08	166	56394	2.768 ng/ul	95
70) Phenanthrene	16.82	178	358437	11.702 ng/ul	99
72) Anthracene	16.91	178	53642	1.713 ng/ul	98
77) Fluoranthene	18.85	202	546587	15.234 ng/ul	97
80) Pyrene	19.22	202	347279	10.499 ng/ul	99
83) Benzo(a)anthracene	20.99	228	46113	1.463 ng/ul	94
85) Chrysene	20.99	228	47565	1.532 ng/ul	97

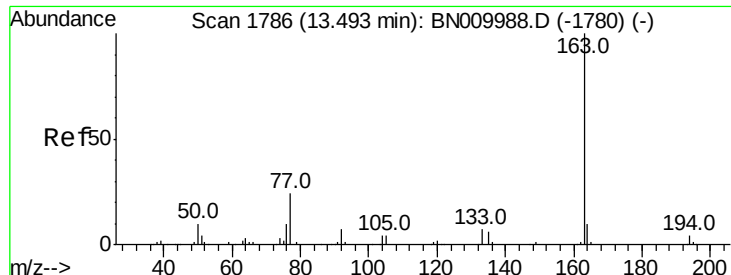
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 29 01:38:10 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 2.749 ng/ul

RT: 13.49 min Scan# 1786

Delta R.T. 0.00 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

Instrument :

BNA_N

ClientSampleId :

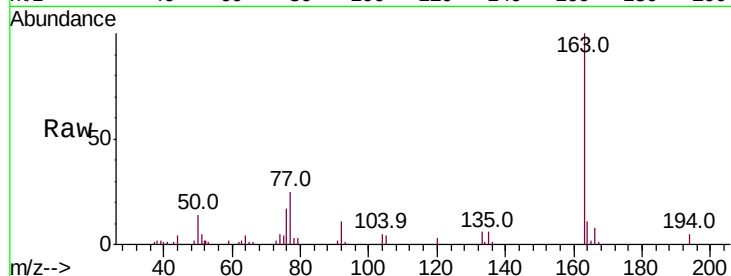
Tot Ion:163 Resp: 56781

Ion Ratio Lower Upper

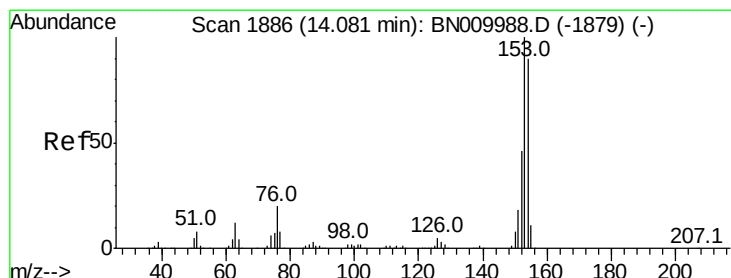
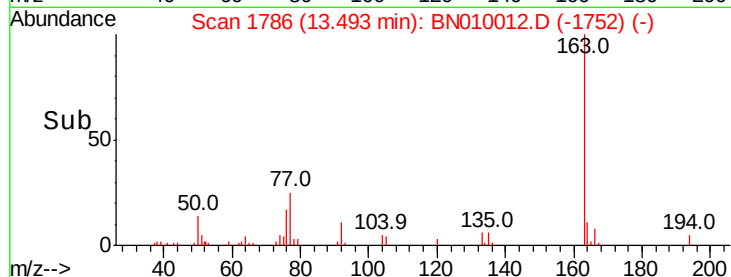
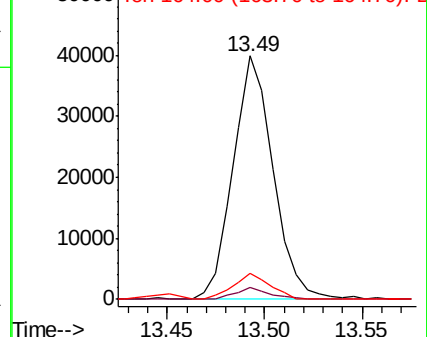
163 100

194 4.8 3.4 5.0

164 10.7 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: 4.209 ng/ul

RT: 14.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

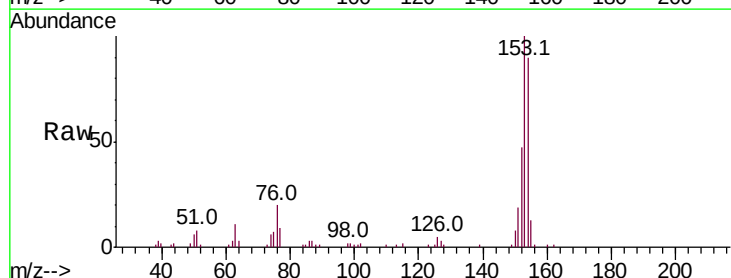
Tgt Ion:153 Resp: 72794

Ion Ratio Lower Upper

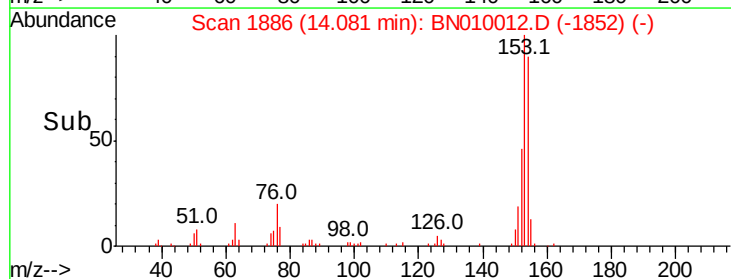
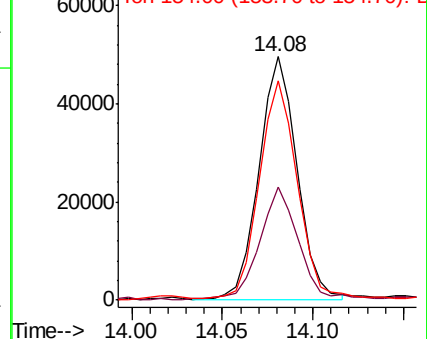
153 100

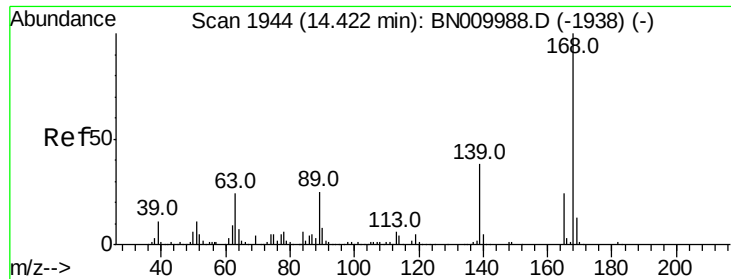
152 46.6 36.6 54.8

154 90.1 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

Dibenzofuran

Concen: 1.995 ng/ul

RT: 14.43 min Scan# 1945

Delta R.T. 0.01 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

Instrument :

BNA_N

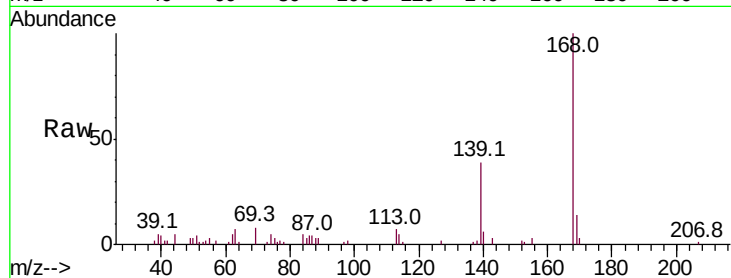
ClientSampleId :

Tot Ion:168 Resp: 48435

Ion Ratio Lower Upper

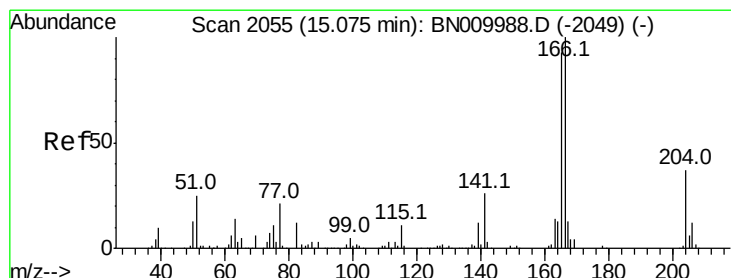
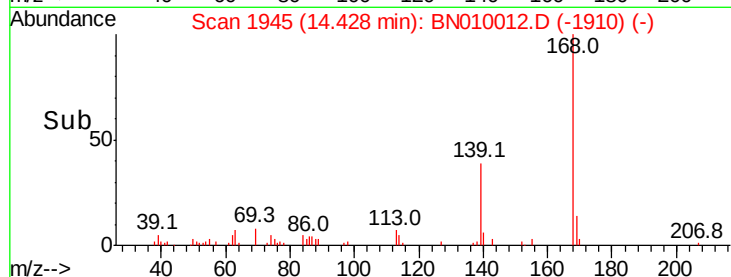
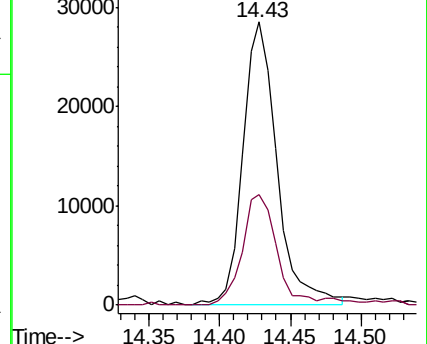
168 100

139 39.2 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 2.768 ng/ul

RT: 15.08 min Scan# 2056

Delta R.T. 0.01 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

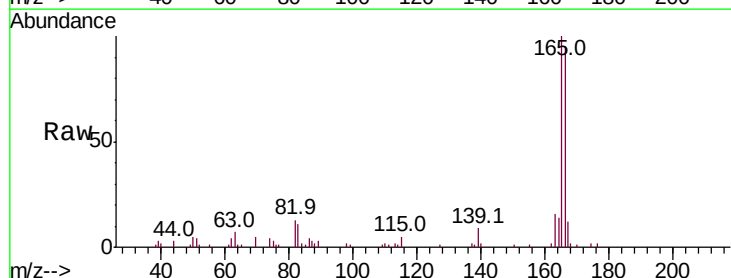
Tgt Ion:166 Resp: 56394

Ion Ratio Lower Upper

166 100

165 105.5 79.8 119.8

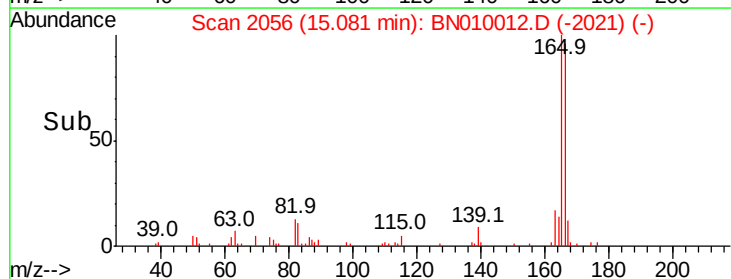
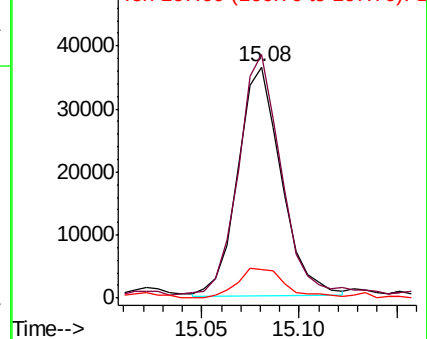
167 12.3 10.7 16.1

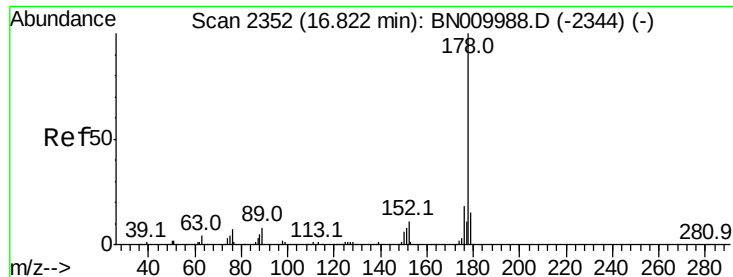


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 11.702 ng/ul

RT: 16.82 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

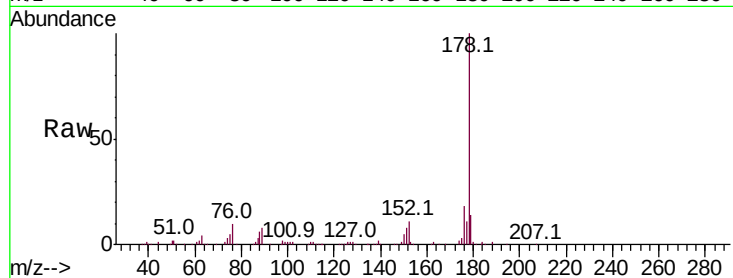
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 358437

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.5	18.7
176	18.2	14.6	22.0

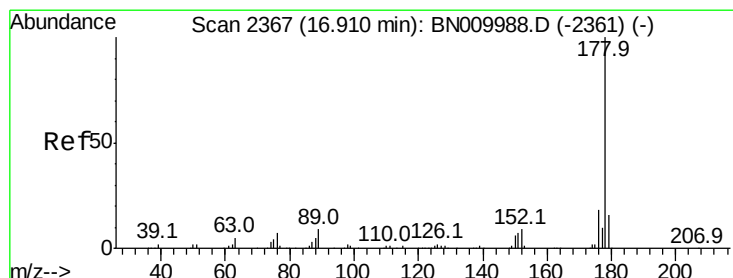
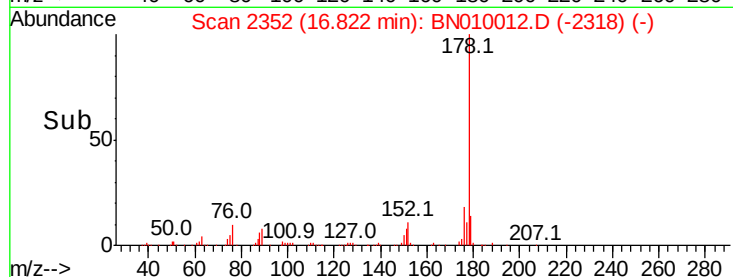
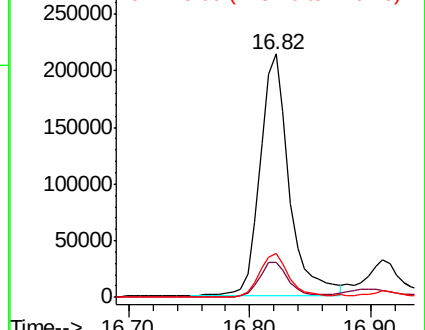


Abundance

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



#72

Anthracene

Concen: 1.713 ng/ul

RT: 16.91 min Scan# 2367

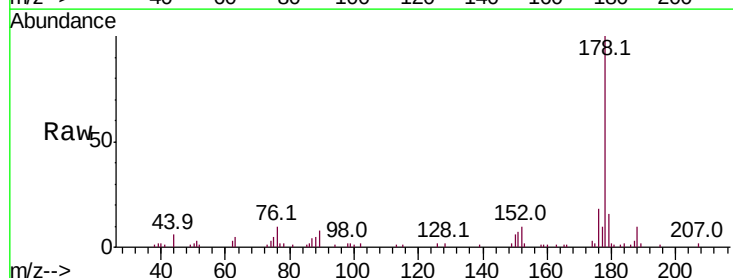
Delta R.T. 0.00 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

Tgt Ion:178 Resp: 53642

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.2	18.2
176	18.5	14.6	21.8

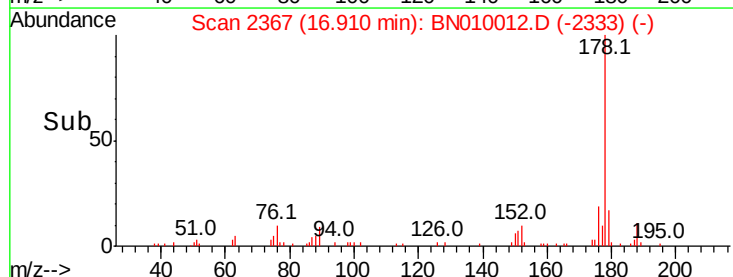
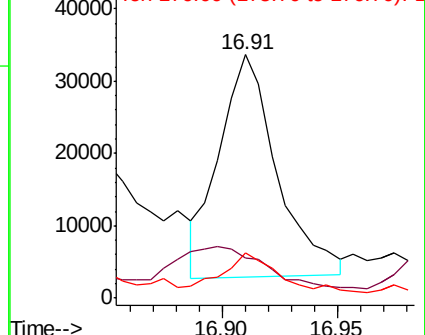


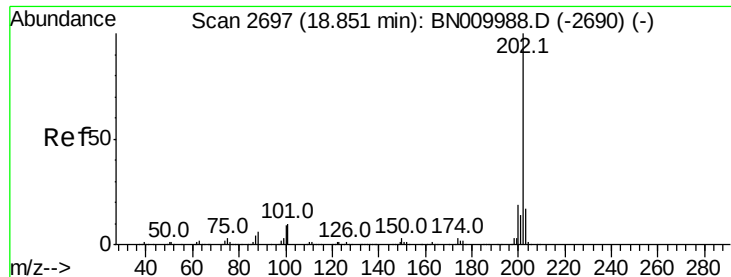
Abundance

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

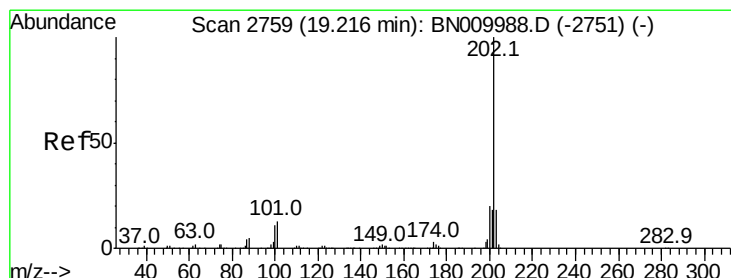
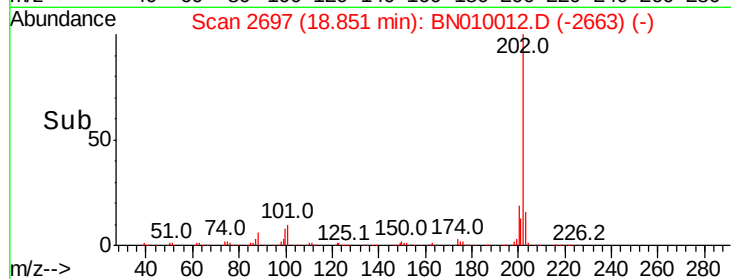
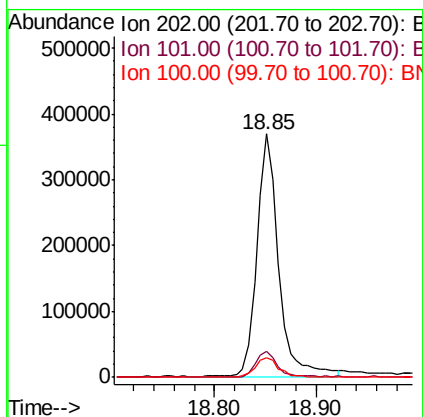
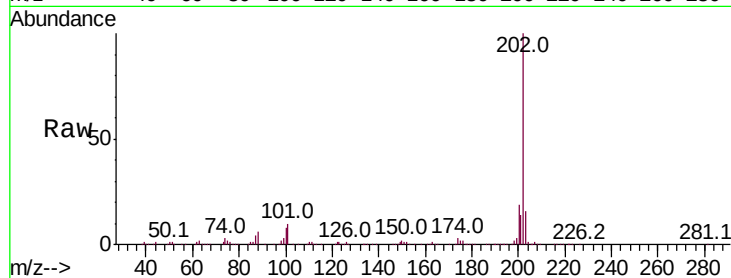




#77
Fluoranthene
 Concen: 15.234 ng/ul
 RT: 18.85 min Scan# 2697
 Delta R.T. 0.00 min
 Lab File: BN010012.D
 Acq: 29 Feb 2020 07:31

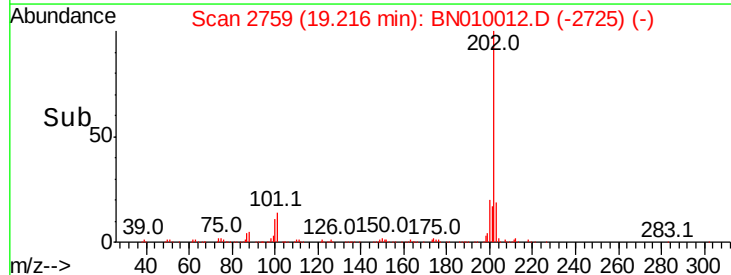
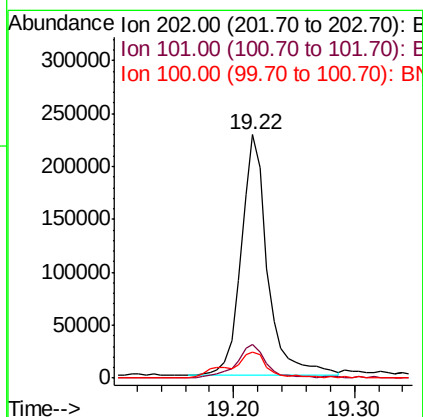
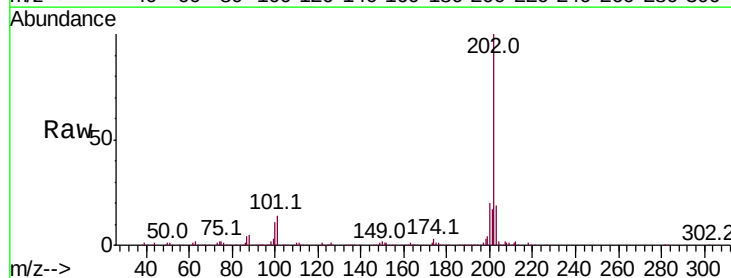
Instrument :
 BNA_N
 ClientSampled :

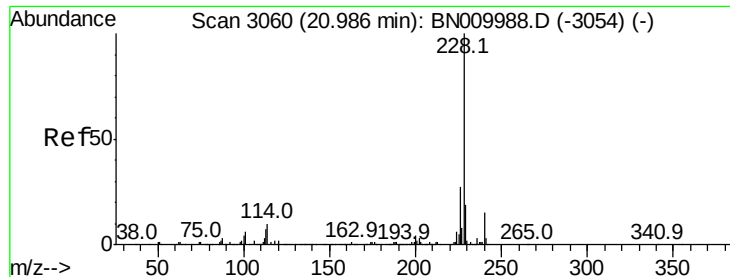
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.4	14.2
100	8.2	7.2	10.8



#80
Pyrene
 Concen: 10.499 ng/ul
 RT: 19.22 min Scan# 2759
 Delta R.T. 0.00 min
 Lab File: BN010012.D
 Acq: 29 Feb 2020 07:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.3	16.9
100	10.9	9.0	13.6





#83

Benzo(a)anthracene

Concen: 1.463 ng/ul

RT: 20.99 min Scan# 3060

Delta R.T. 0.00 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

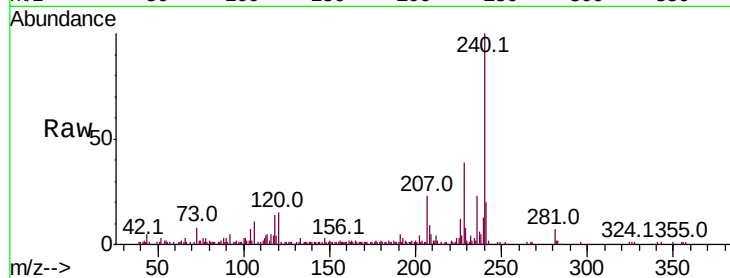
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 46113

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.0	22.4
226	30.0	21.4	32.2

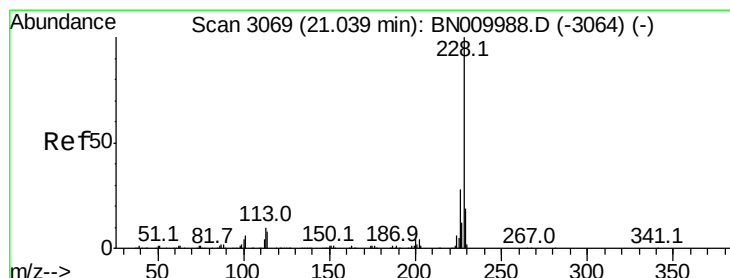
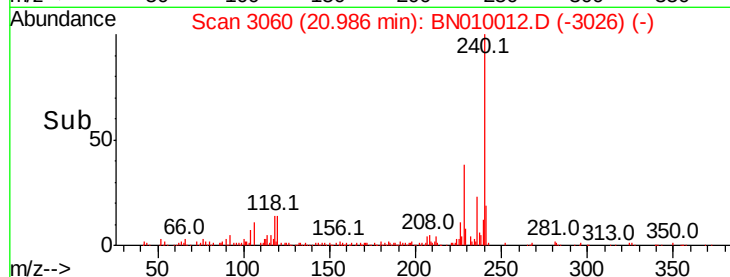
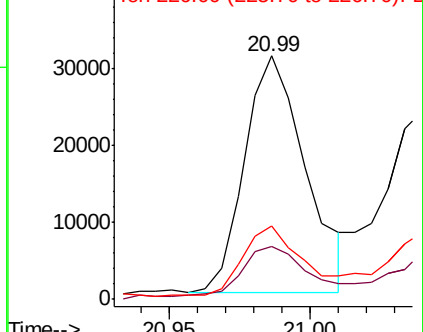


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.532 ng/ul

RT: 20.99 min Scan# 3060

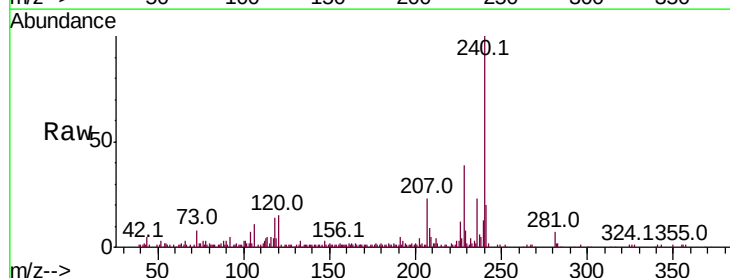
Delta R.T. -0.05 min

Lab File: BN010012.D

Acq: 29 Feb 2020 07:31

Tgt Ion:228 Resp: 47565

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.5	15.0	22.4



Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

