

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009880.D
 Acq On : 25 Feb 2020 01:16
 Operator : CG/JU
 Sample : L1418-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5B16

Quant Time: Feb 25 03:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 02:39:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	103199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	429123	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	291338	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.82	188	589814	20.00	ng/ul	0.03
78) Chrysene-d12	21.01	240	570713	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	568856	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	7789	3.10	ng/uL	0.00
5) Phenol-d5	6.59	99	145403	16.56	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	126111	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	125742	19.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.10	113	39340	5.63	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	68893	21.94	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	68246	19.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.78	165	122950	18.62	ng/ul	0.01
29) 4-Chloroaniline-d4	10.31	131	5599	0.75	ng/ul	0.03
44) Dimethylphthalate-d6	13.46	166	432825	19.89	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	555575	21.68	ng/ul	0.02
52) 4-Nitrophenol-d4	14.28	143	87301	21.97	ng/ul	0.01
58) Fluorene-d10	15.05	176	460794	24.53	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.22	200	51743	14.12	ng/ul	0.04
71) Anthracene-d10	16.91	188	636574	23.54	ng/ul	0.03
79) Pyrene-d10	19.21	212	704908	23.63	ng/ul	0.02
90) Benzo(a)pyrene-d12	22.97	264	666014	23.44	ng/ul	0.00

Target Compounds

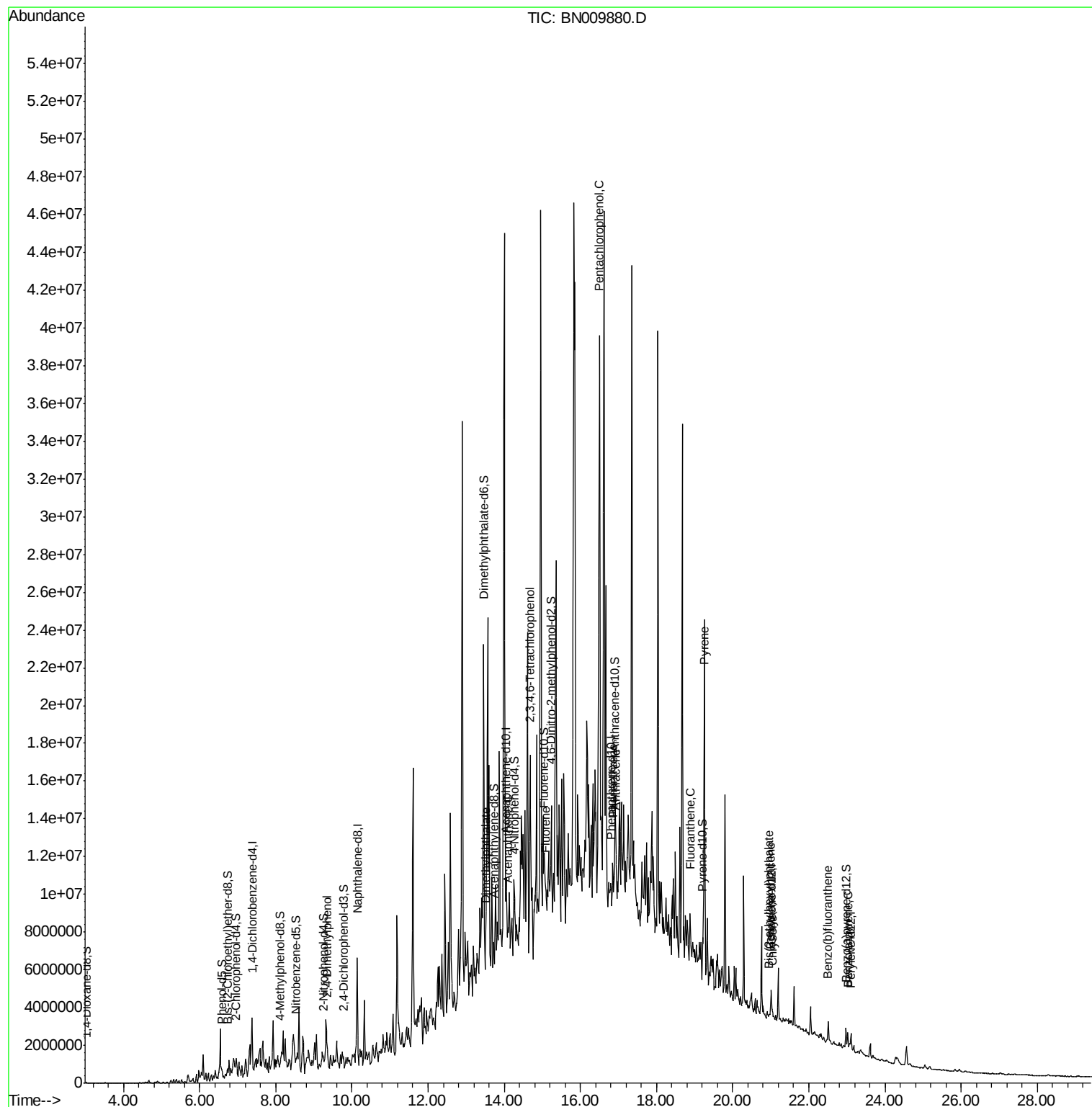
					Ovalue	
24) 2,4-Dimethylphenol	9.35	107	151100	18.109	ng/ul#	41
45) Dimethylphthalate	13.50	163	73379	3.232	ng/ul#	71
50) Acenaphthene	14.10	153	110611	5.817	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.69	232	208395	41.223	ng/ul#	61
59) Fluorene	15.10	166	109272	4.878	ng/ul#	56
69) Pentachlorophenol	16.50	266	8687901	2302.037	ng/ul	94
70) Phenanthrene	16.86	178	423179	12.572	ng/ul#	70
72) Anthracene	16.95	178	140514	4.083	ng/ul#	64
77) Fluoranthene	18.87	202	836242	21.209	ng/ul#	95
80) Pyrene	19.25	202	2350969	57.137	ng/ul	98
83) Benzo(a)anthracene	21.00	228	187897	4.791	ng/ul#	68
84) Bis(2-ethylhexyl)phthalate	20.95	149	41123	1.592	ng/ul#	24
85) Chrysene	21.05	228	160290	4.151	ng/ul#	79
88) Benzo(b)fluoranthene	22.50	252	53596	1.453	ng/ul#	52
91) Benzo(a)pyrene	23.02	252	37040	1.117	ng/ul#	56

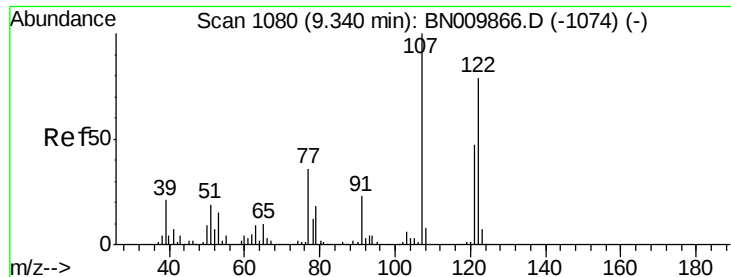
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 25 03:23:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 02:39:29 2020
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 18.109 ng/ul

RT: 9.35 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C5B16

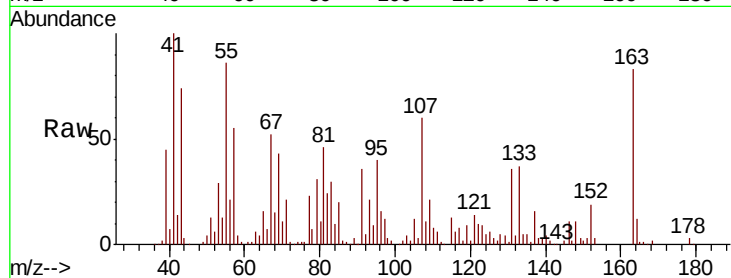
Tot Ion:107 Resp: 151100

Ion Ratio Lower Upper

107 100

121 22.6 38.5 57.7#

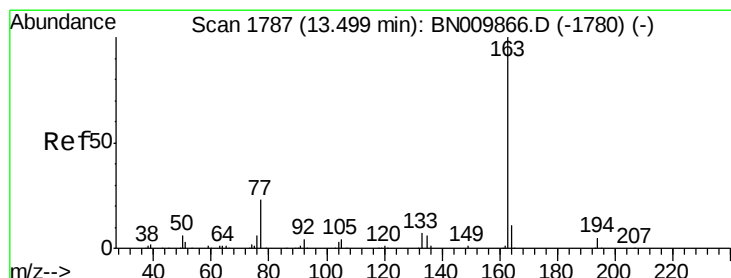
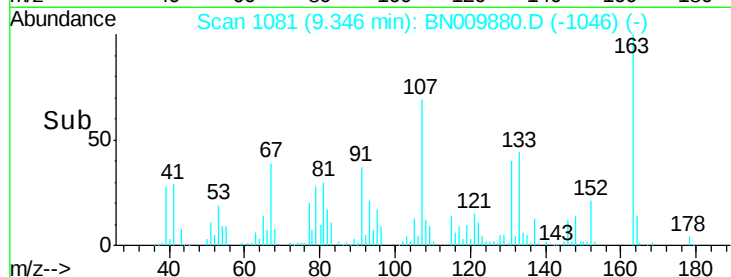
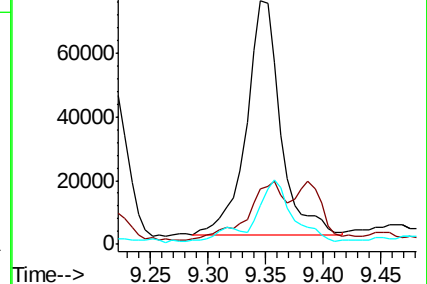
122 15.8 62.9 94.3#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#45

Dimethylphthalate

Concen: 3.232 ng/ul

RT: 13.50 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

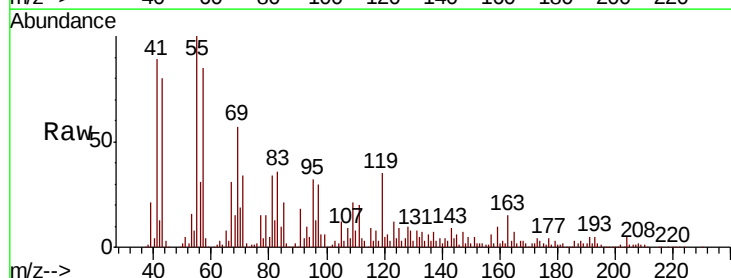
Tgt Ion:163 Resp: 73379

Ion Ratio Lower Upper

163 100

194 16.7 3.4 5.0#

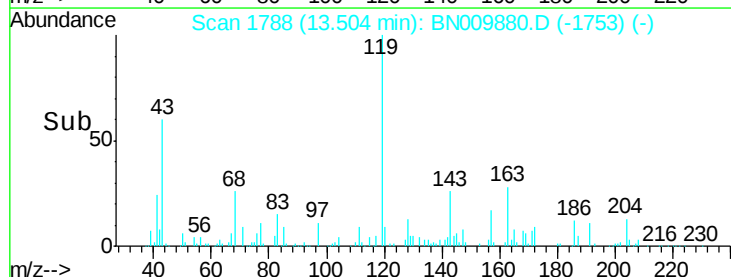
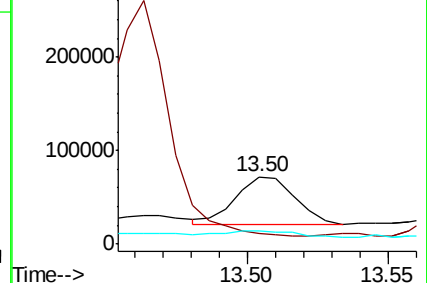
164 19.3 8.0 12.0#

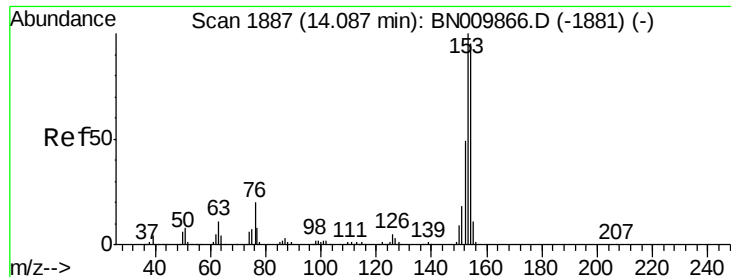


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 5.817 ng/ul

RT: 14.10 min Scan# 1890

Delta R.T. 0.02 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampled :

C5B16

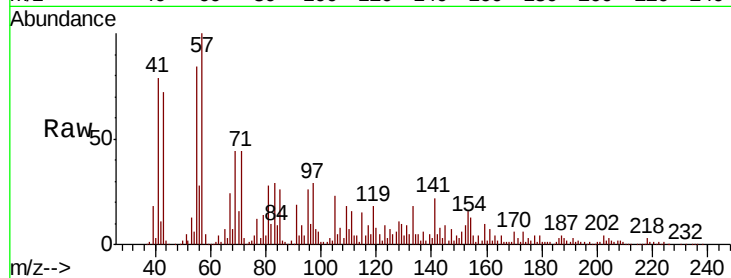
Tot Ion:153 Resp: 110611

Ion Ratio Lower Upper

153 100

152 54.8 36.6 54.8

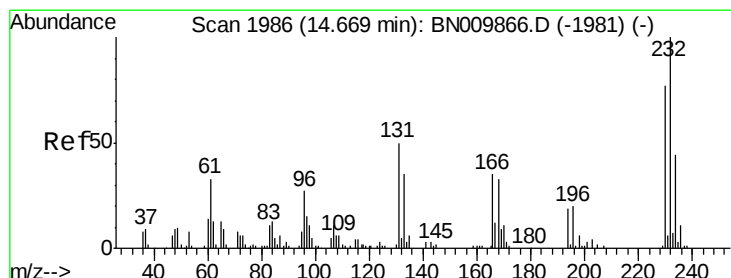
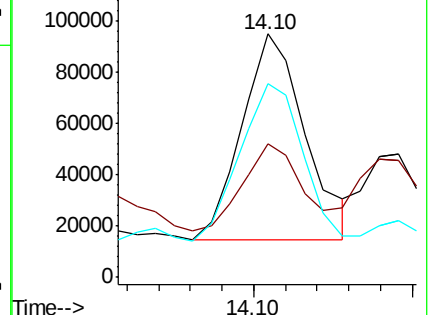
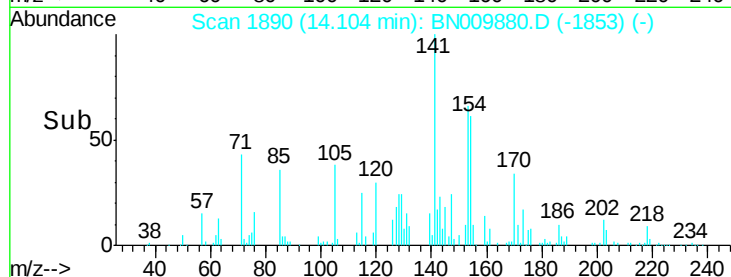
154 79.5 70.6 106.0



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



#56

2,3,4,6-Tetrachlorophenol

Concen: 41.223 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.02 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Tgt Ion:232 Resp: 208395

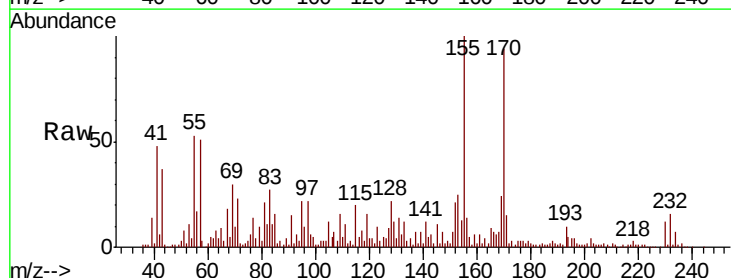
Ion Ratio Lower Upper

232 100

131 85.4 40.6 60.8#

130 24.7 2.2 3.4#

166 44.4 26.6 39.8#

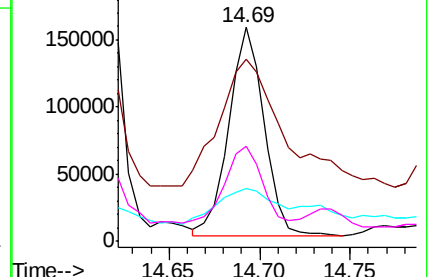
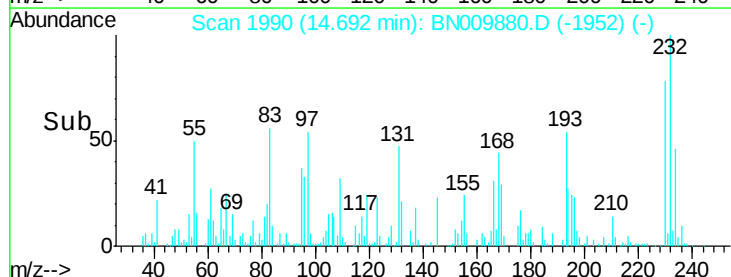


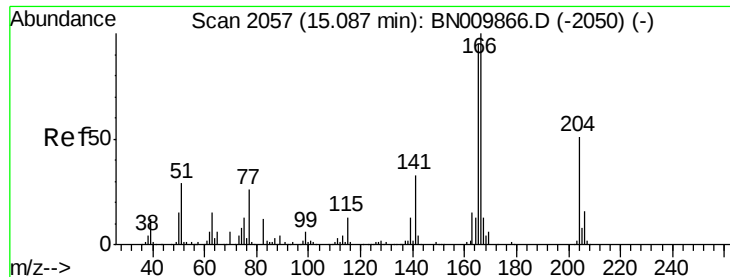
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Fluorene

Concen: 4.878 ng/ul

RT: 15.10 min Scan# 2060

Delta R.T. 0.02 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampled :

C5B16

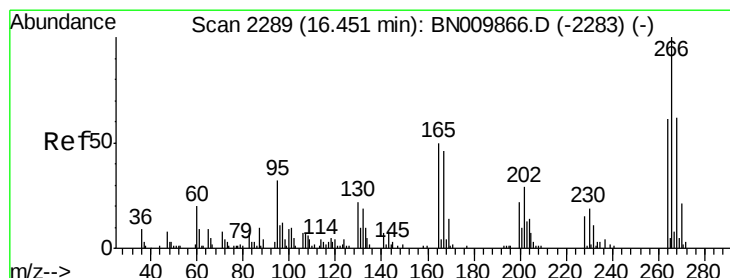
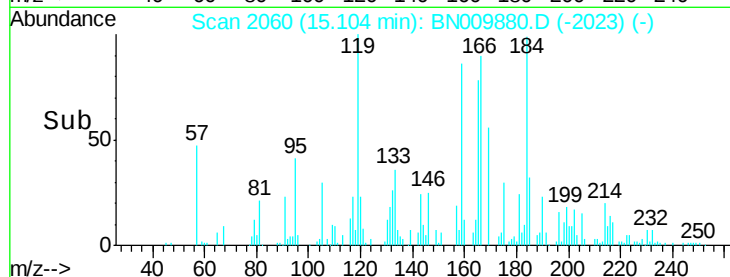
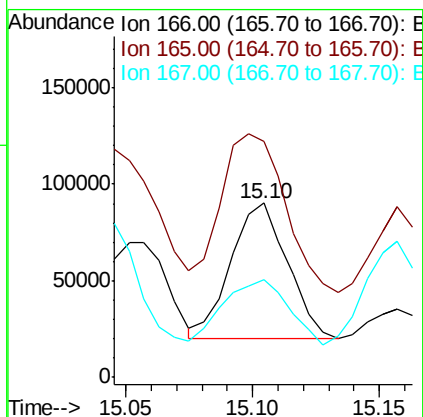
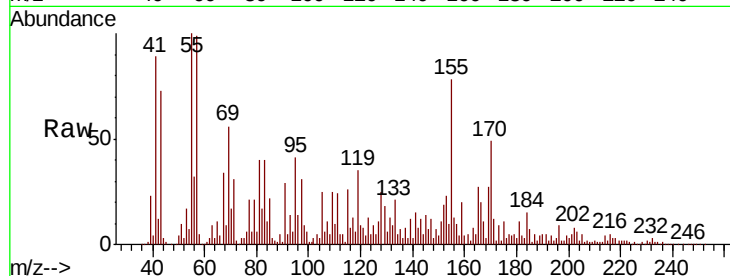
Tot Ion:166 Resp: 109272

Ion Ratio Lower Upper

166 100

165 135.6 79.8 119.8#

167 55.8 10.7 16.1#



#69

Pentachlorophenol

Concen: 2302.037 ng/ul

RT: 16.50 min Scan# 2298

Delta R.T. 0.05 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

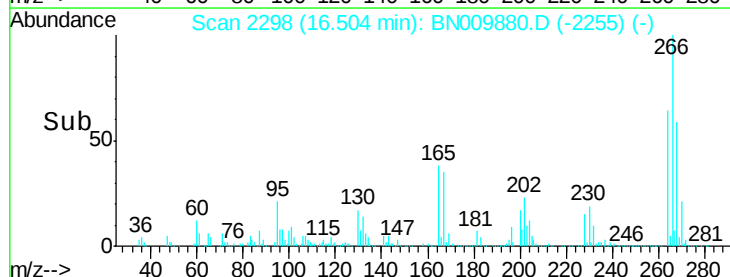
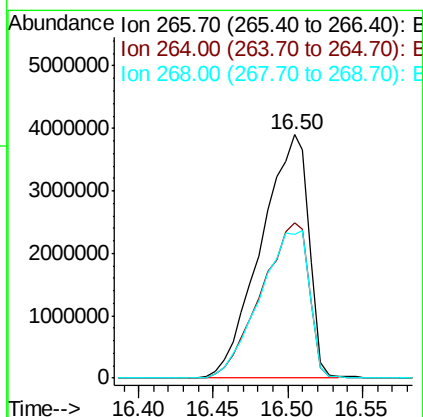
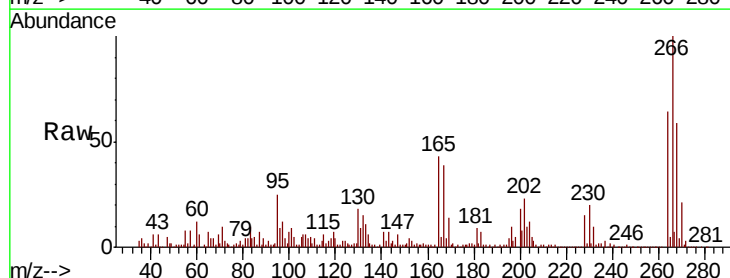
Tgt Ion:266 Resp: 8687901

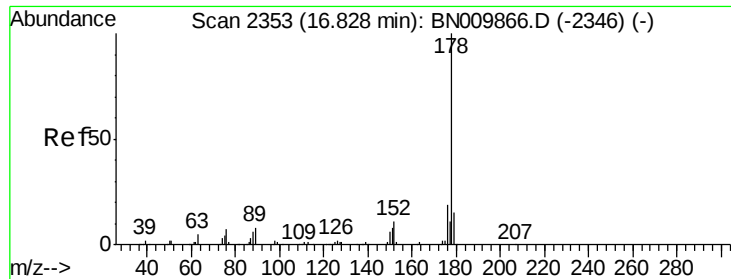
Ion Ratio Lower Upper

266 100

264 63.6 52.9 79.3

268 59.3 52.5 78.7





#70

Phenanthrene

Concen: 12.572 ng/ul

RT: 16.86 min Scan# 2358

Delta R.T. 0.03 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C5B16

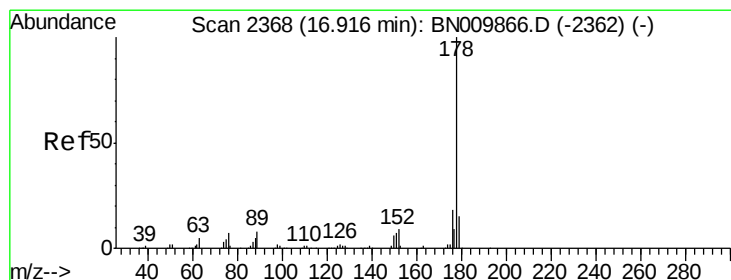
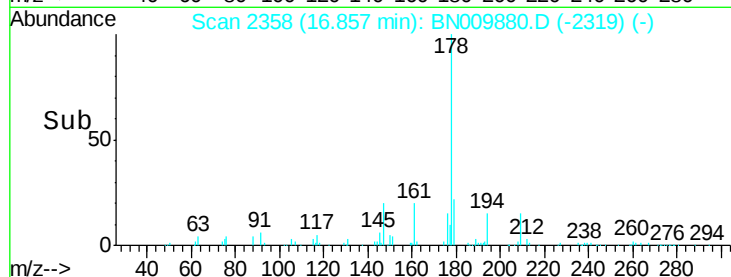
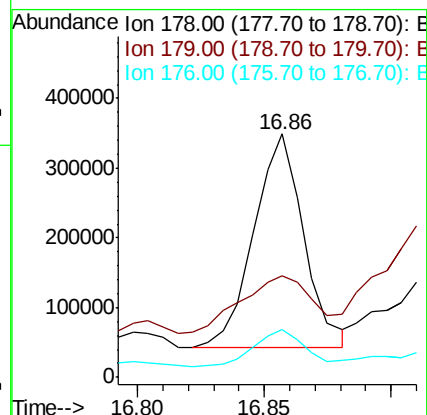
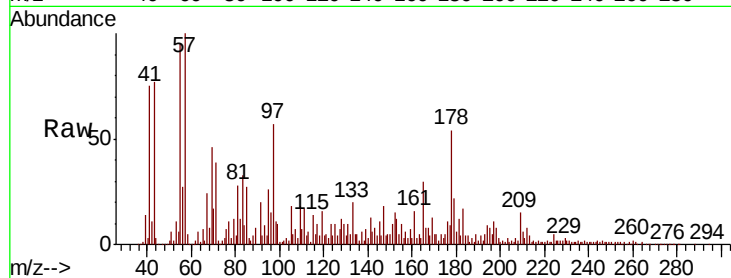
Tot Ion:178 Resp: 423179

Ion Ratio Lower Upper

178 100

179 41.6 12.5 18.7#

176 19.7 14.6 22.0



#72

Anthracene

Concen: 4.083 ng/ul

RT: 16.95 min Scan# 2373

Delta R.T. 0.03 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

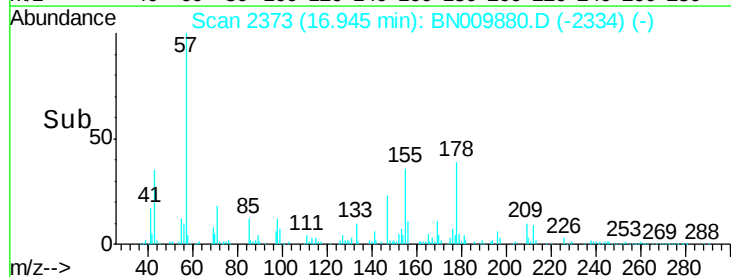
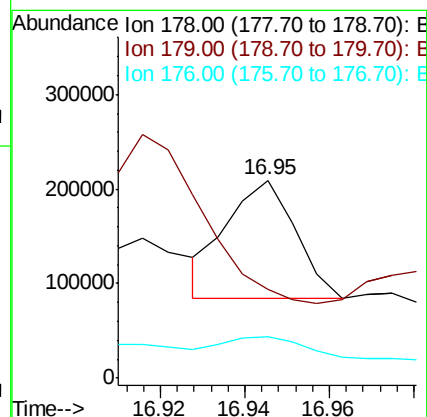
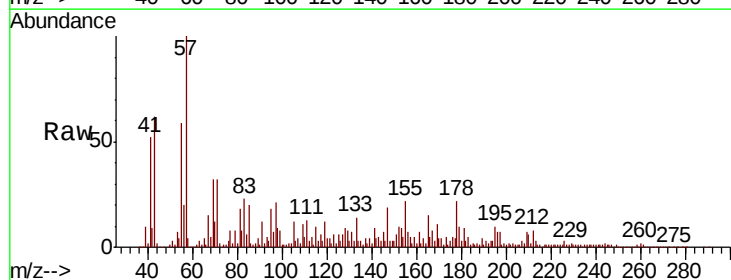
Tgt Ion:178 Resp: 140514

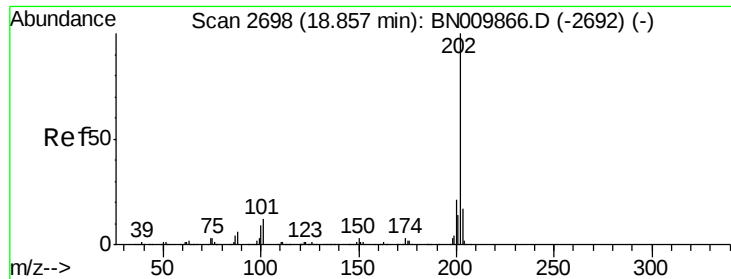
Ion Ratio Lower Upper

178 100

179 44.7 12.2 18.2#

176 21.1 14.6 21.8

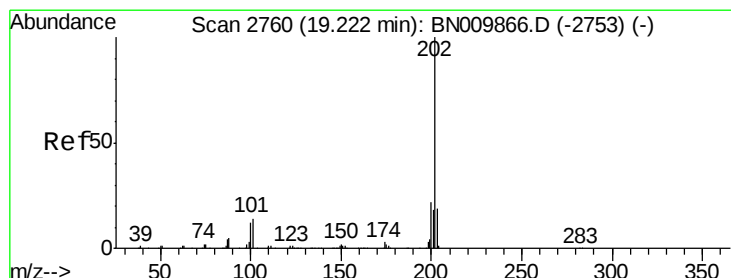
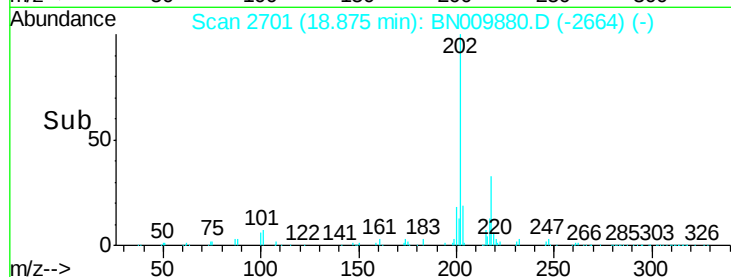
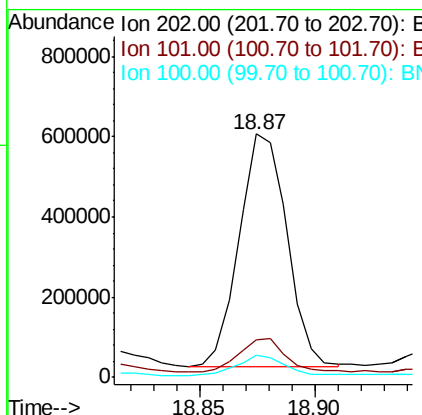
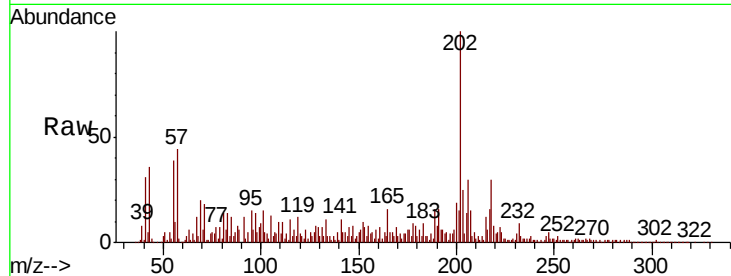




#77
 Fluoranthene
 Concen: 21.209 ng/ul
 RT: 18.87 min Scan# 2701
 Delta R.T. 0.02 min
 Lab File: BN009880.D
 Acq: 25 Feb 2020 01:16

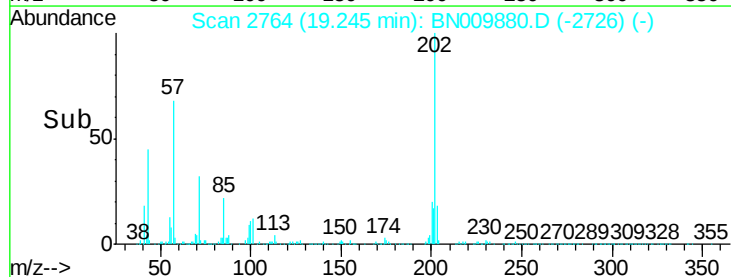
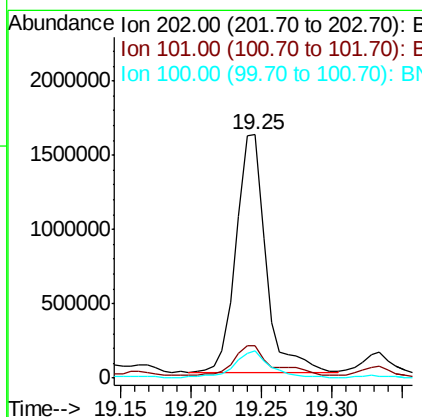
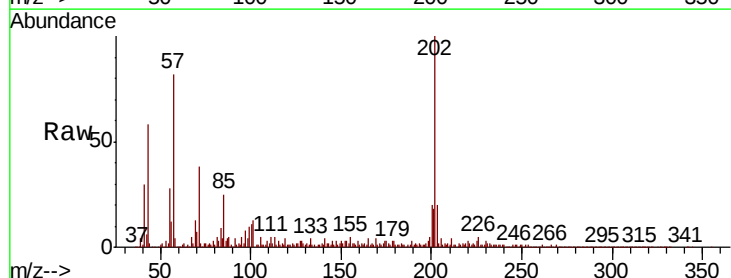
Instrument :
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 ClientSampleId :
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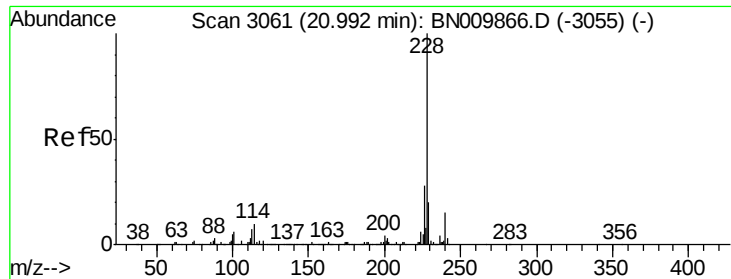
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.4	14.2#
100	8.9	7.2	10.8



#80
 Pyrene
 Concen: 57.137 ng/ul
 RT: 19.25 min Scan# 2764
 Delta R.T. 0.02 min
 Lab File: BN009880.D
 Acq: 25 Feb 2020 01:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.3	16.9
100	11.2	9.0	13.6





#83

Benzo(a)anthracene

Concen: 4.791 ng/ul

RT: 21.00 min Scan# 3062

Delta R.T. 0.01 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C5B16

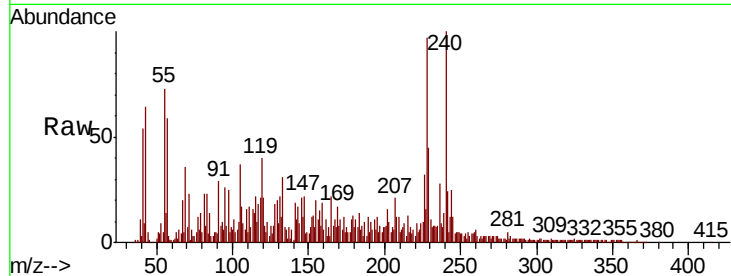
Tot Ion:228 Resp: 187897

Ion Ratio Lower Upper

228 100

229 46.0 15.0 22.4#

226 32.7 21.4 32.2#

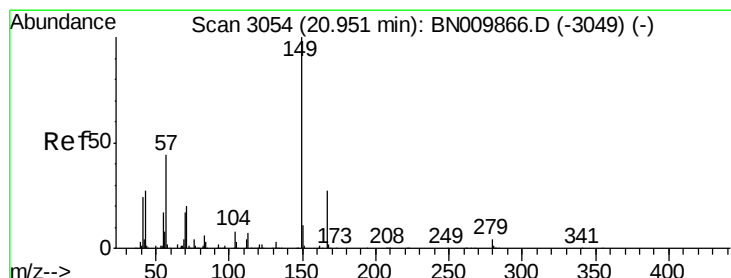
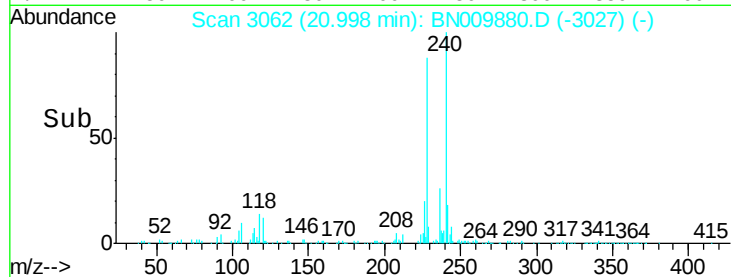
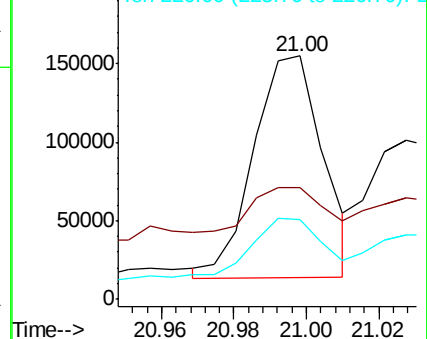


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.592 ng/ul

RT: 20.95 min Scan# 3054

Delta R.T. -0.00 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

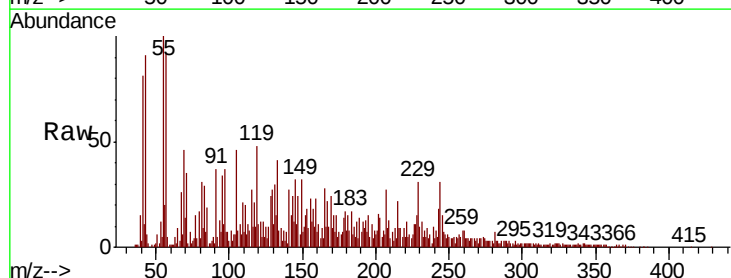
Tgt Ion:149 Resp: 41123

Ion Ratio Lower Upper

149 100

167 69.8 21.0 31.6#

279 9.3 3.0 4.6#

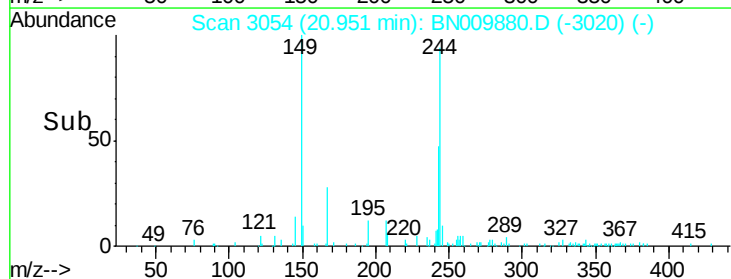
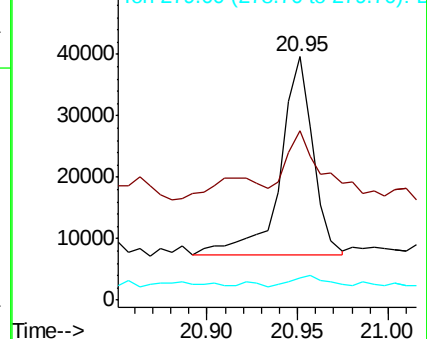


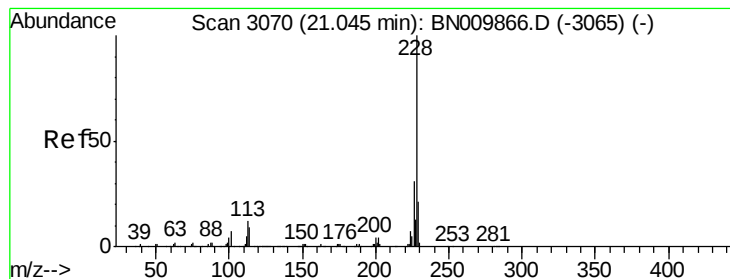
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 4.151 ng/ul

RT: 21.05 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C5B16

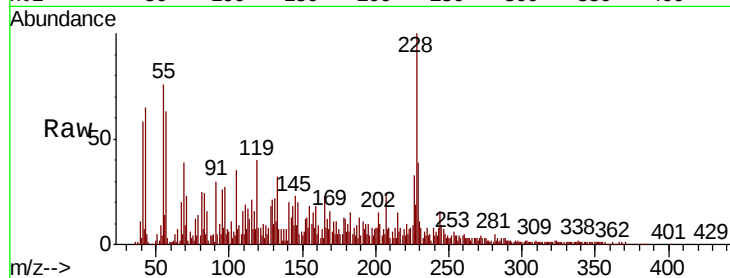
Tot Ion:228 Resp: 160290

Ion Ratio Lower Upper

228 100

226 32.7 23.4 35.2

229 38.6 15.0 22.4#

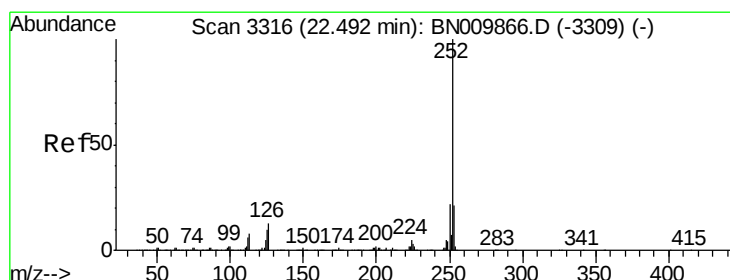
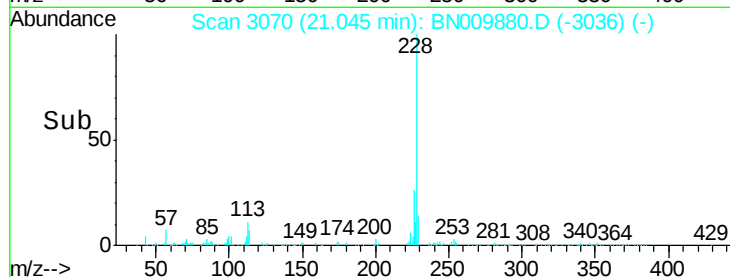
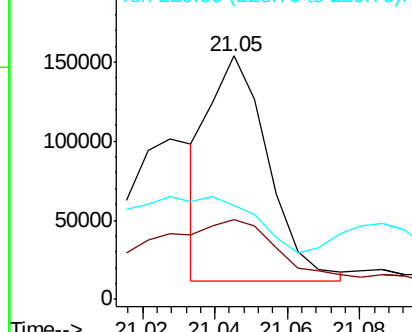


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 1.453 ng/ul

RT: 22.50 min Scan# 3317

Delta R.T. 0.01 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

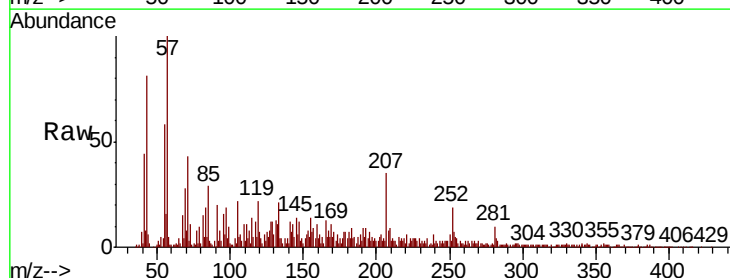
Tgt Ion:252 Resp: 53596

Ion Ratio Lower Upper

252 100

253 38.5 17.0 25.4#

125 36.9 8.0 12.0#

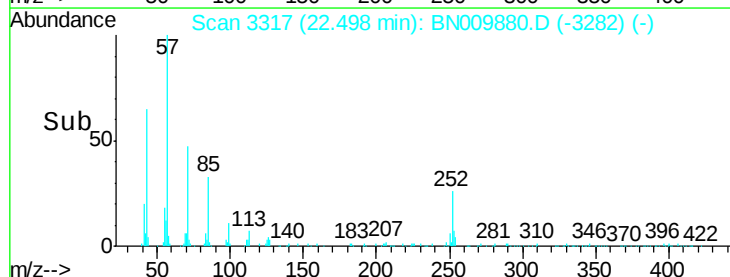
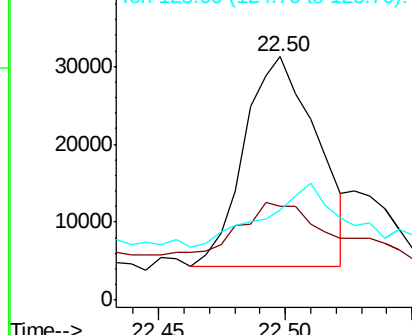


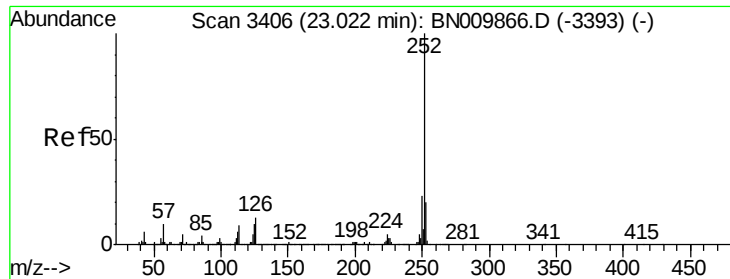
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.117 ng/ul

RT: 23.02 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BN009880.D

Acq: 25 Feb 2020 01:16

Instrument :

BNA_N

ClientSampleId :

C5B16

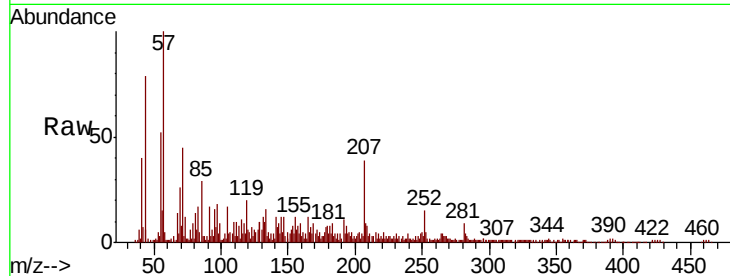
Tot Ion:252 Resp: 37040

Ion Ratio Lower Upper

252 100

253 33.9 17.4 26.0#

125 41.0 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

