

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042720\
 Data File : BN010610.D
 Acq On : 28 Apr 2020 01:22
 Operator : CG/JU
 Sample : L2418-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB622

Quant Time: Apr 28 04:07:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 28 03:22:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	352658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1572944	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	1004628	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2325045	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2513737	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2358825	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	23234	3.45	ng/uL	0.00
5) Phenol-d5	6.78	99	254311	9.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	470824	33.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	679788	28.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	481772	20.52	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	406913	33.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	463723	34.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	868672	32.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1048154	34.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	2678360	35.93	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	3311789	36.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	118967	8.20	ng/ul	0.01
58) Fluorene-d10	15.21	176	2432057	36.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	265433	21.85	ng/ul	0.00
71) Anthracene-d10	17.06	188	3912535	36.33	ng/ul	0.00
79) Pyrene-d10	19.36	212	4527509	31.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	4392513	35.90	ng/ul	0.00

Target Compounds

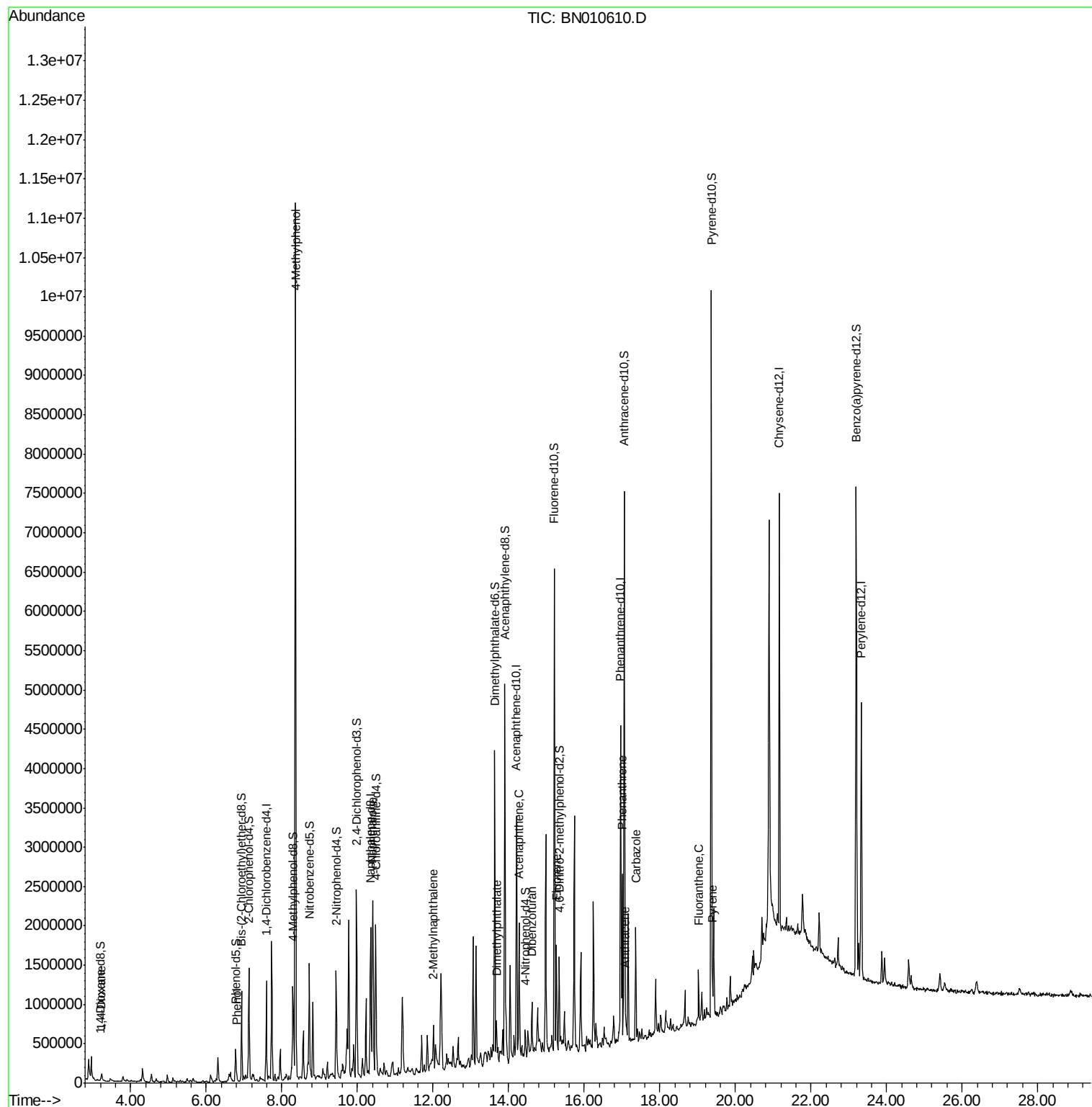
						Qvalue
2) 1,4-Dioxane	3.23	88	70556	9.89	ng/uL	98
6) Phenol	6.80	94	47059	1.63	ng/ul	96
16) 4-Methylphenol	8.36	108	4168670	170.79	ng/ul	85
28) Naphthalene	10.39	128	1500309	17.75	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	258795	4.33	ng/ul	94
45) Dimethylphthalate	13.68	163	323730	4.18	ng/ul	99
50) Acenaphthene	14.27	153	695849	10.52	ng/ul	99
54) Dibenzofuran	14.62	168	391546	4.23	ng/ul	98
59) Fluorene	15.27	166	486382	6.41	ng/ul	99
70) Phenanthrene	17.00	178	1214320	9.40	ng/ul	99
72) Anthracene	17.09	178	182110	1.39	ng/ul	94
75) Carbazole	17.37	167	943211	8.77	ng/ul	99
77) Fluoranthene	19.03	202	377127	2.69	ng/ul#	95
80) Pyrene	19.39	202	261702	1.44	ng/ul	97

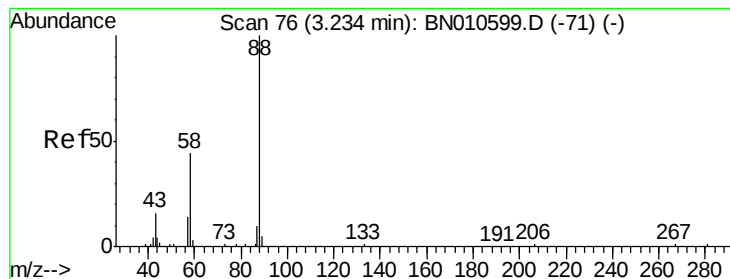
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 9.89 ng/uL

RT: 3.23 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

Instrument :

BNA_N

ClientSampleId :

CB622

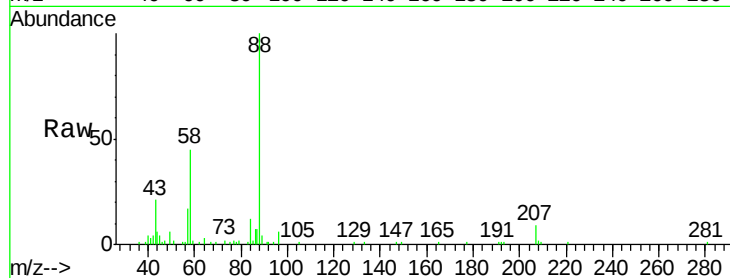
Tgt Ion: 88 Resp: 70556

Ion Ratio Lower Upper

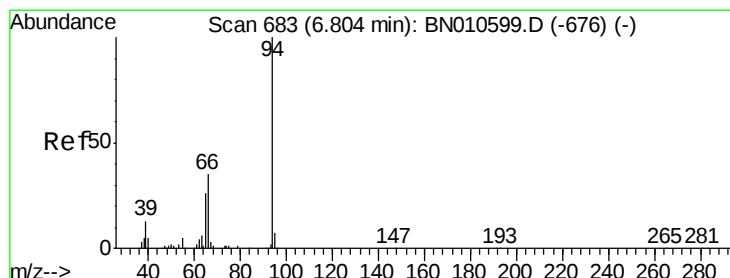
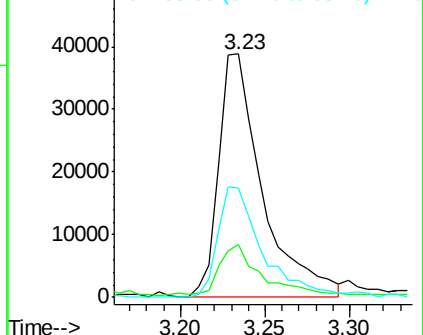
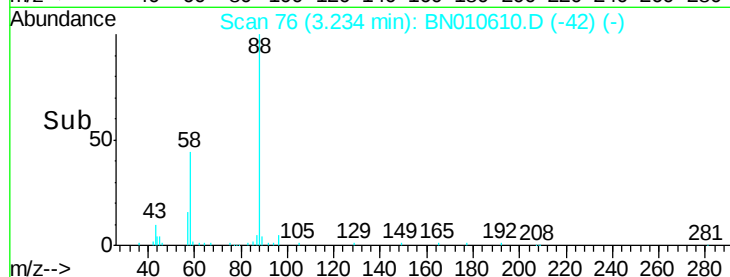
88 100

43 21.5 16.5 24.7

58 44.6 36.7 55.1



Abundance Ion 88.00 (87.70 to 88.70): BN010610.D (-42) (-)



#6

Phenol

Concen: 1.63 ng/uL

RT: 6.80 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

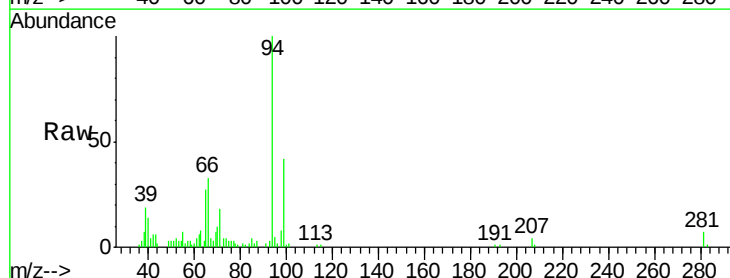
Tgt Ion: 94 Resp: 47059

Ion Ratio Lower Upper

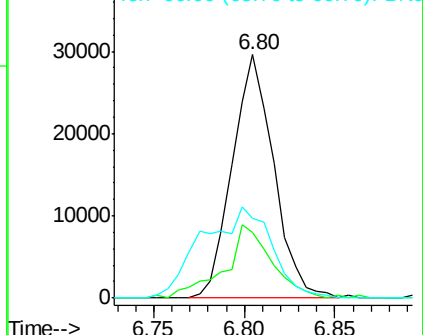
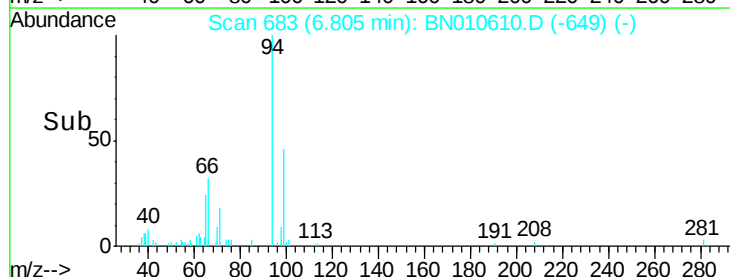
94 100

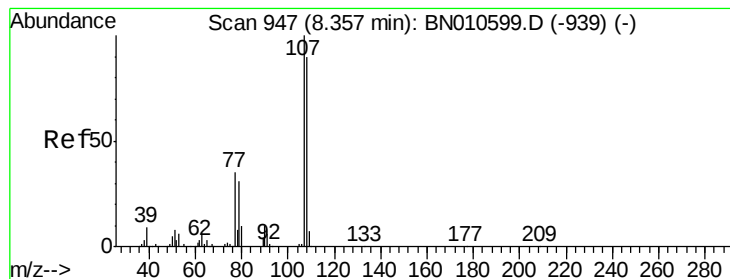
65 26.8 21.1 31.7

66 32.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN010610.D (-649) (-)





#16

4-Methylphenol

Concen: 170.79 ng/ul

RT: 8.36 min Scan# 947

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

Instrument :

BNA_N

ClientSampleId :

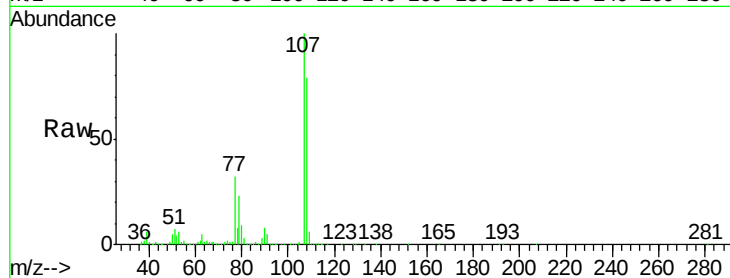
CB622

Tgt Ion:108 Resp: 4168670

Ion Ratio Lower Upper

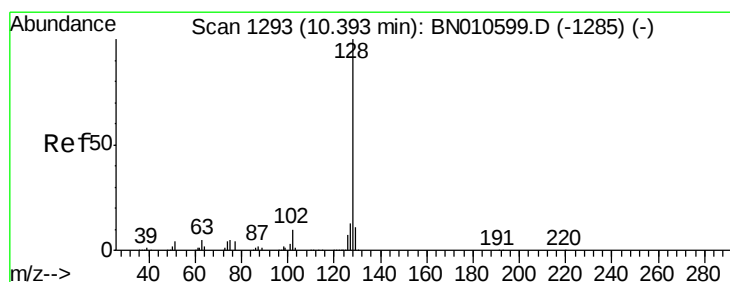
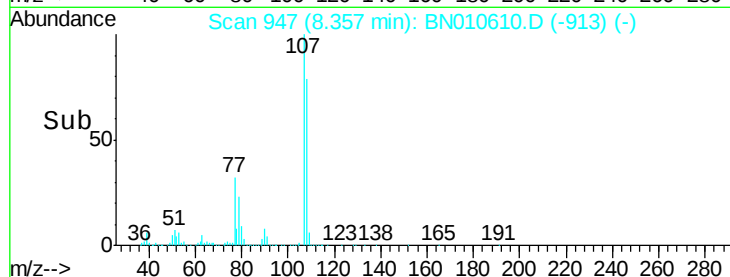
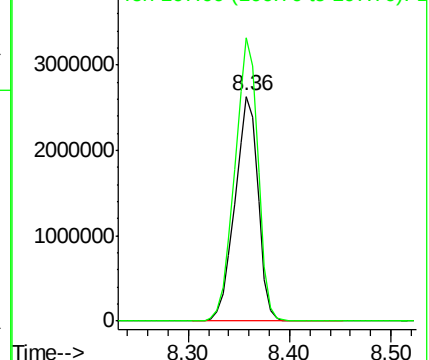
108 100

107 126.1 88.4 132.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#28

Naphthalene

Concen: 17.75 ng/ul

RT: 10.39 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

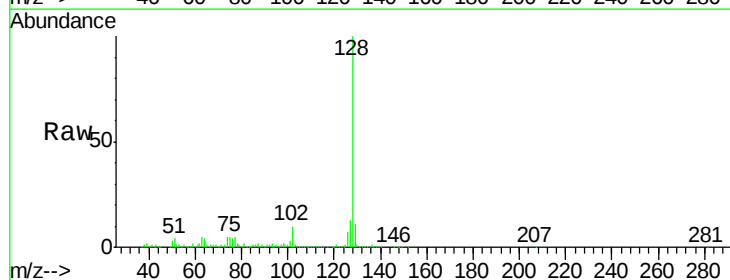
Tgt Ion:128 Resp: 1500309

Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

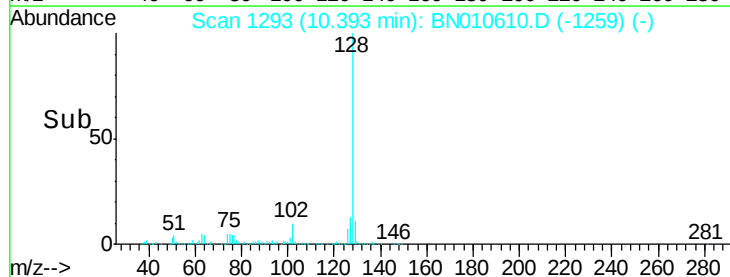
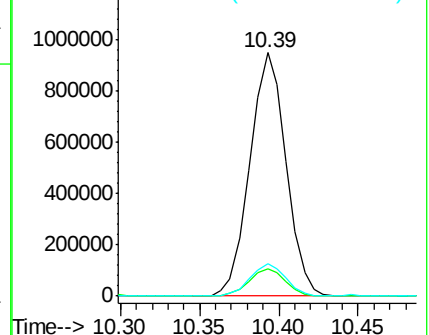
127 13.4 10.7 16.1

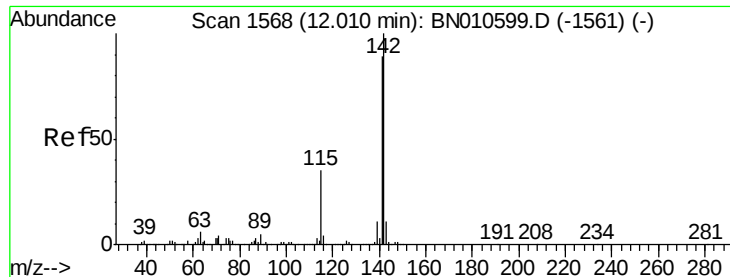


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

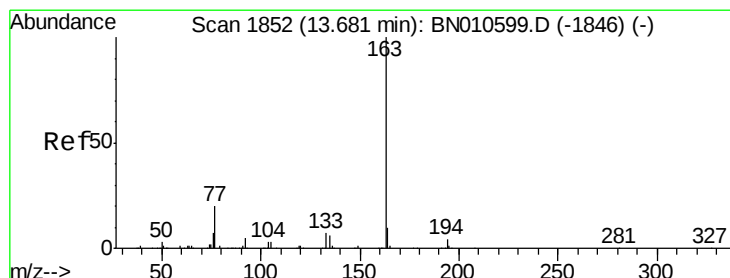
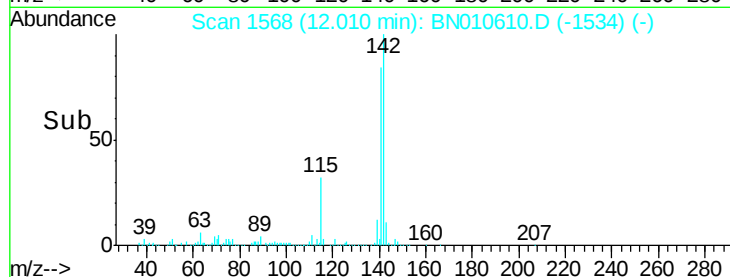
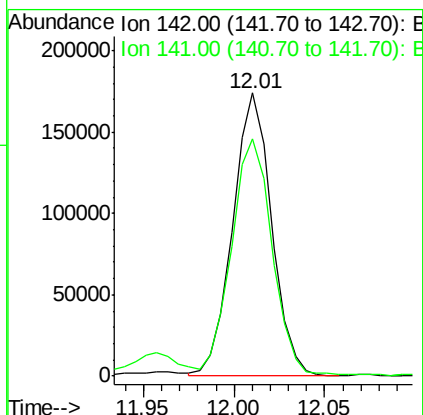
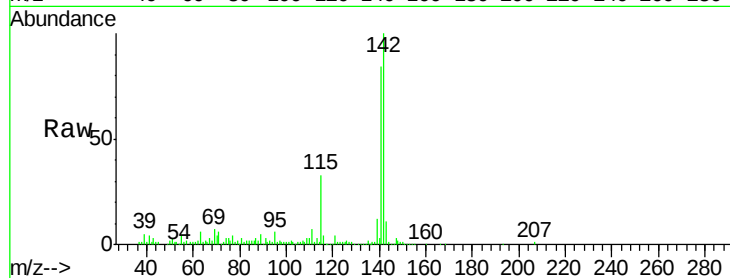




#34
 2-Methylnaphthalene
 Concen: 4.33 ng/ul
 RT: 12.01 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BN010610.D
 Acq: 28 Apr 2020 01:22

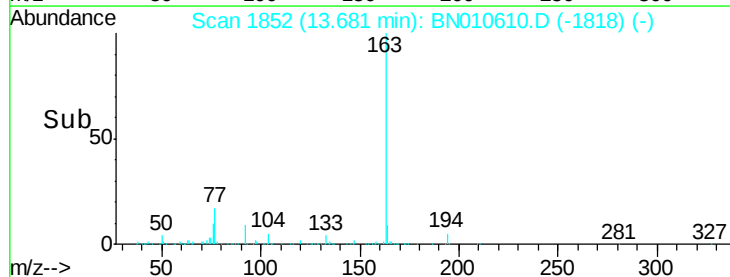
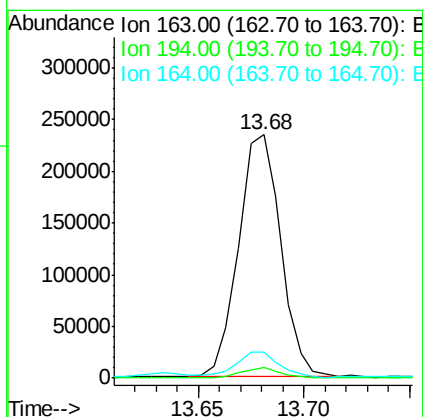
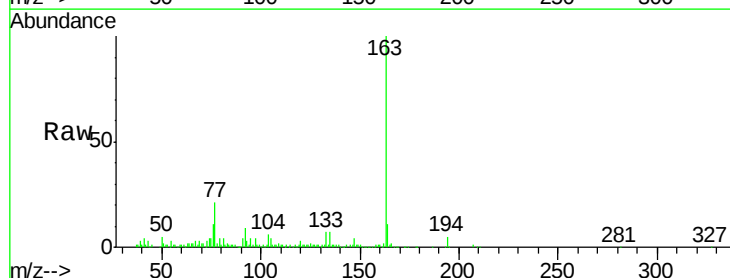
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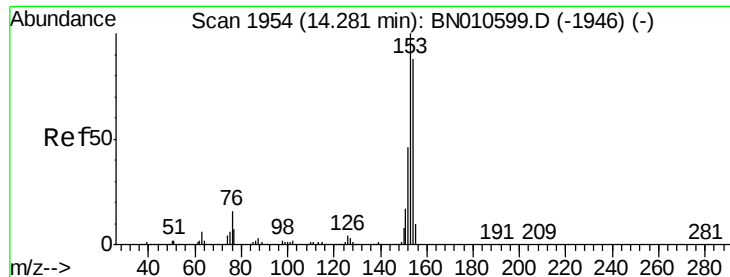
Tgt Ion:142 Resp: 258795
 Ion Ratio Lower Upper
 142 100
 141 83.7 71.8 107.8



#45
 Dimethylphthalate
 Concen: 4.18 ng/ul
 RT: 13.68 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: BN010610.D
 Acq: 28 Apr 2020 01:22

Tgt Ion:163 Resp: 323730
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.3 4.9
 164 10.5 8.0 12.0





#50

Acenaphthene

Concen: 10.52 ng/ul

RT: 14.27 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

Instrument :

BNA_N

ClientSampleId :

CB622

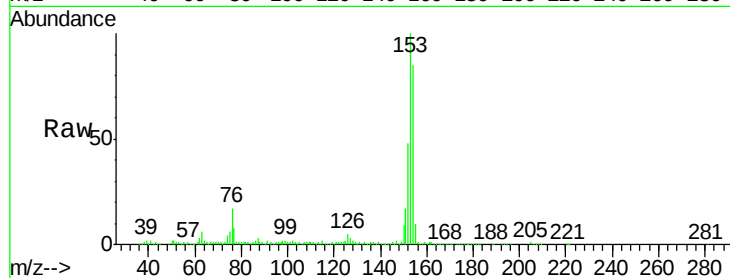
Tgt Ion:153 Resp: 695849

Ion Ratio Lower Upper

153 100

152 48.5 36.8 55.2

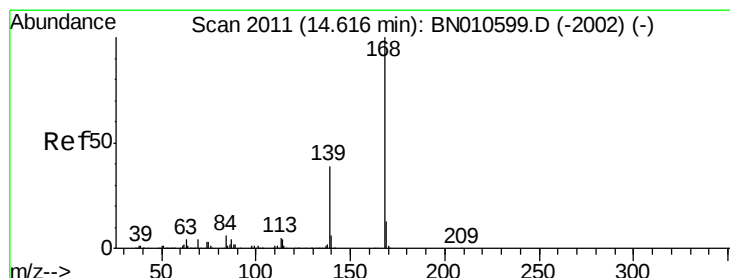
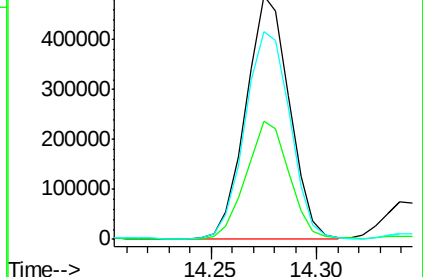
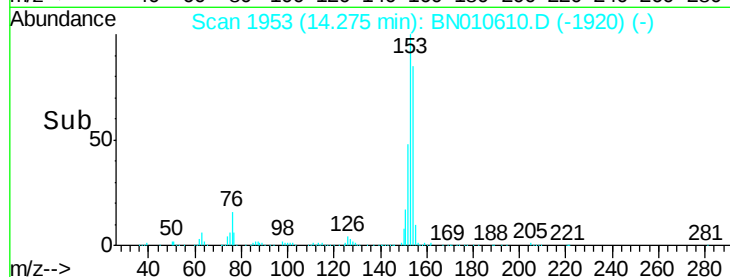
154 85.2 68.2 102.2



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: 4.23 ng/ul

RT: 14.62 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BN010610.D

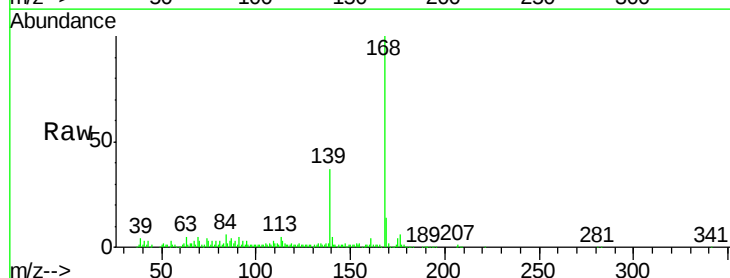
Acq: 28 Apr 2020 01:22

Tgt Ion:168 Resp: 391546

Ion Ratio Lower Upper

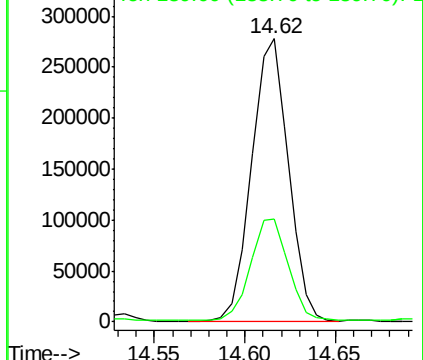
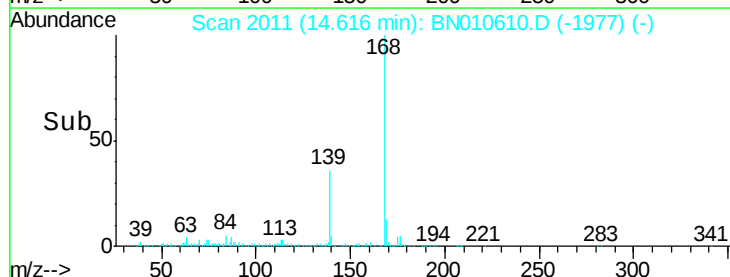
168 100

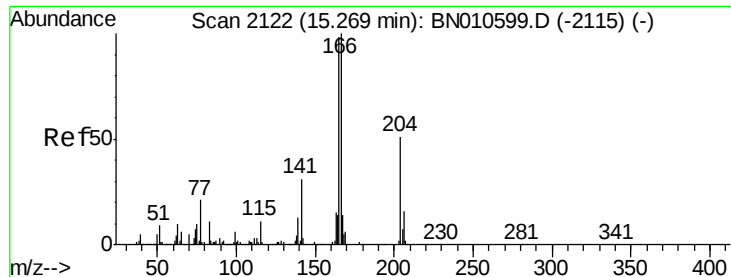
139 36.5 30.2 45.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 6.41 ng/ul

RT: 15.27 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

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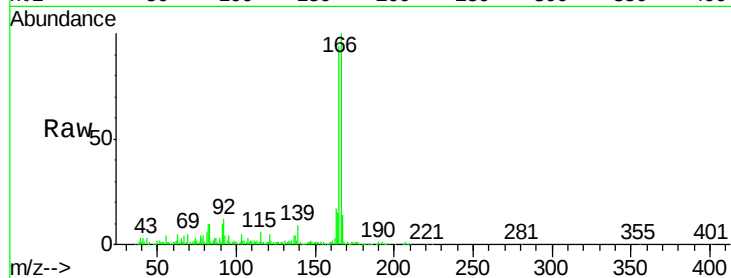
Tgt Ion:166 Resp: 486382

Ion Ratio Lower Upper

166 100

165 94.5 75.9 113.9

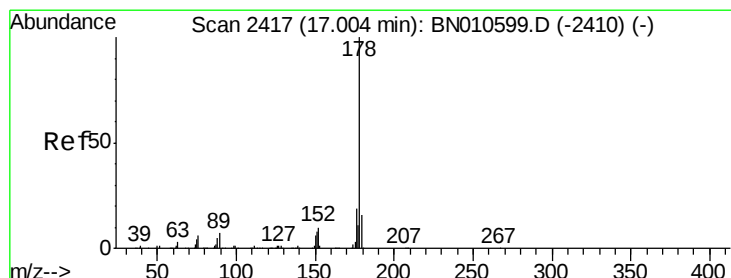
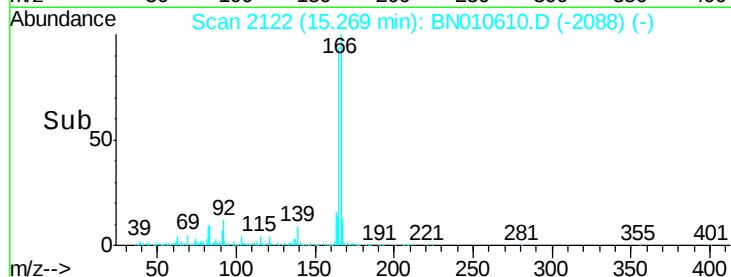
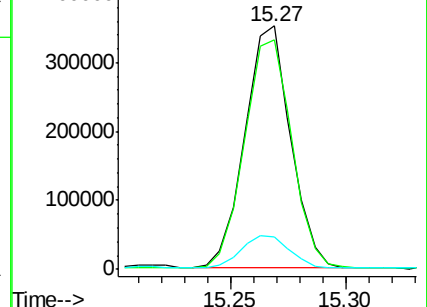
167 13.6 11.2 16.8



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: 9.40 ng/ul

RT: 17.00 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

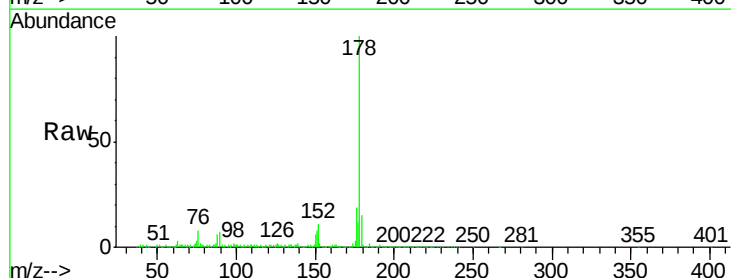
Tgt Ion:178 Resp: 1214320

Ion Ratio Lower Upper

178 100

179 15.2 11.4 17.2

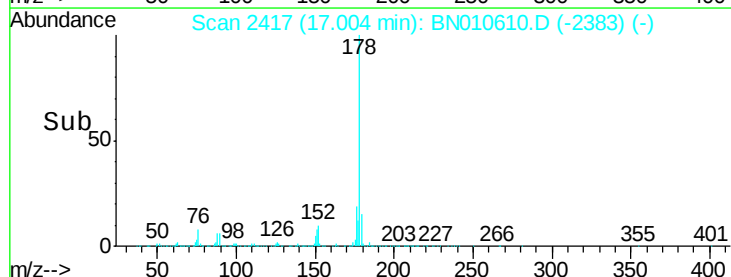
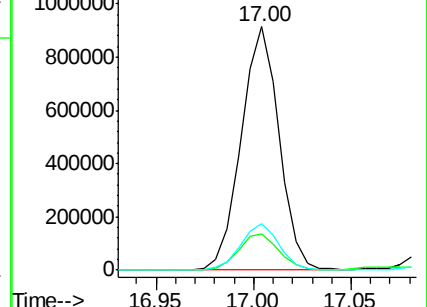
176 19.3 15.3 22.9

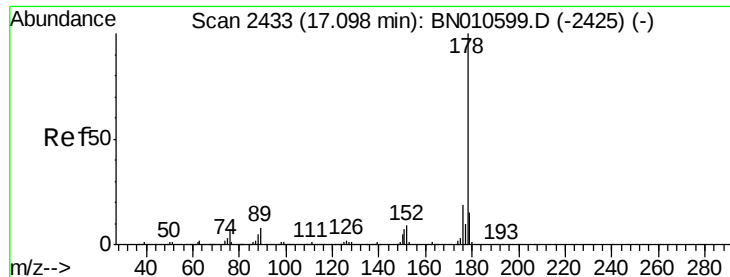


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.39 ng/ul

RT: 17.09 min Scan# 2432

Delta R.T. -0.01 min

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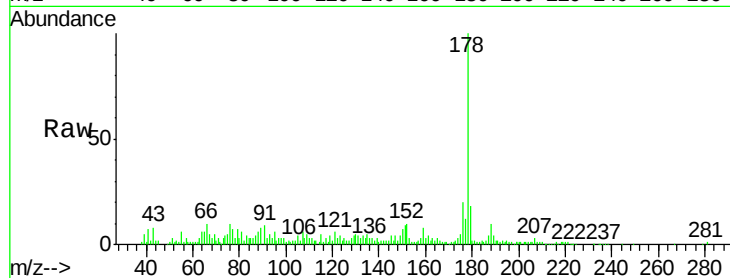
Tgt Ion:178 Resp: 182110

Ion Ratio Lower Upper

178 100

179 18.2 12.3 18.5

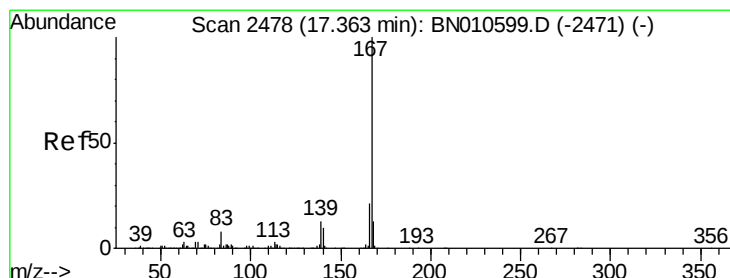
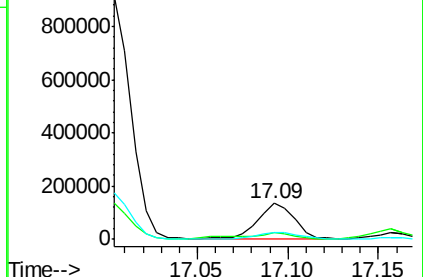
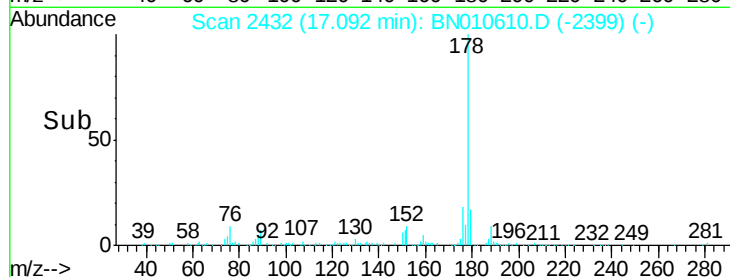
176 20.4 14.2 21.4



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



#75

Carbazole

Concen: 8.77 ng/ul

RT: 17.37 min Scan# 2479

Delta R.T. 0.01 min

Lab File: BN010610.D

Acq: 28 Apr 2020 01:22

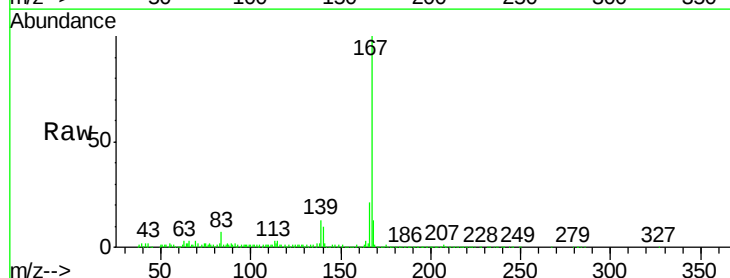
Tgt Ion:167 Resp: 943211

Ion Ratio Lower Upper

167 100

166 20.6 16.8 25.2

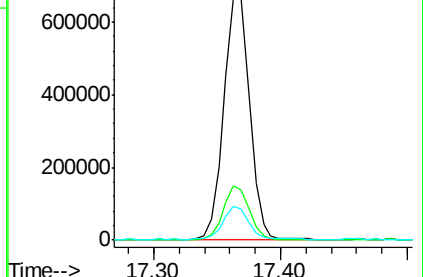
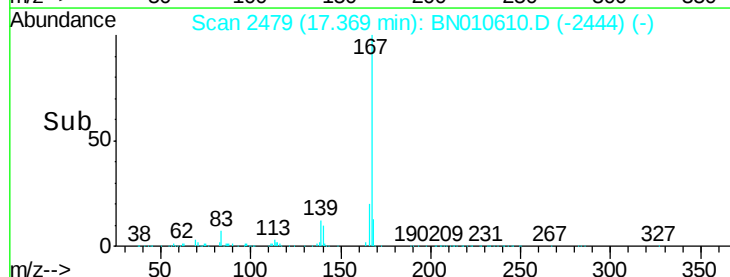
139 12.9 10.1 15.1

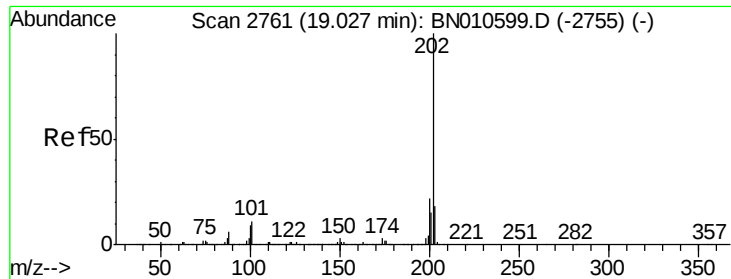


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

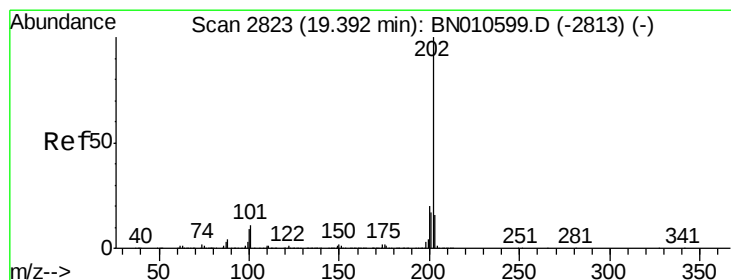
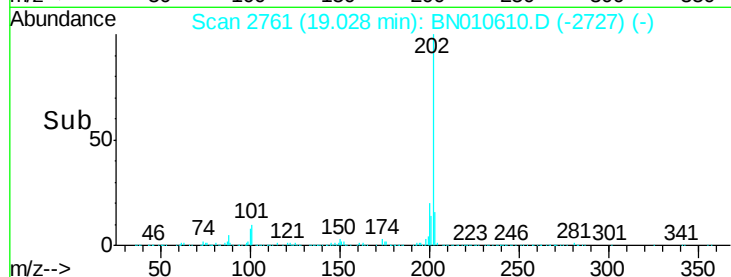
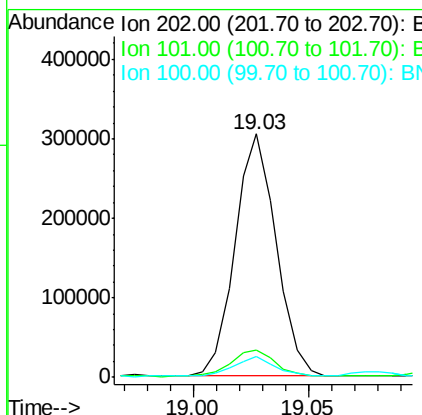
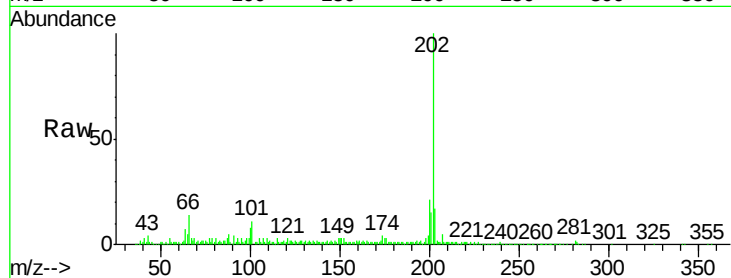




#77
Fluoranthene
 Concen: 2.69 ng/ul
 RT: 19.03 min Scan# 2761
 Delta R.T. 0.00 min
 Lab File: BN010610.D
 Acq: 28 Apr 2020 01:22

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 ClientSampleId :
 CB622

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.1	10.7#
100	8.3	5.5	8.3#



#80
Pyrene
 Concen: 1.44 ng/ul
 RT: 19.39 min Scan# 2823
 Delta R.T. 0.00 min
 Lab File: BN010610.D
 Acq: 28 Apr 2020 01:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.6	13.0
100	9.8	7.0	10.6

