

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010368.D
 Acq On : 01 Apr 2020 20:18
 Operator : CG/JU
 Sample : L2093-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF16

Quant Time: Apr 02 00:24:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 17:35:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	509756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2256274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1546485	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	3563359	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	3856350	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	4385670	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	82479	7.65	ng/uL	0.00
5) Phenol-d5	6.79	99	1657226	38.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	944960	42.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1383724	40.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	1436772	40.00	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	758051	45.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	824881	46.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1518763	41.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	2839170	65.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	5474840	46.92	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	6370231	46.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	911366	41.58	ng/ul	0.00
58) Fluorene-d10	15.23	176	4709325	46.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	776283	38.05	ng/ul	0.00
71) Anthracene-d10	17.08	188	7410994	45.29	ng/ul	0.00
79) Pyrene-d10	19.39	212	8567403	43.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	9880672	45.29	ng/ul	0.01

Target Compounds

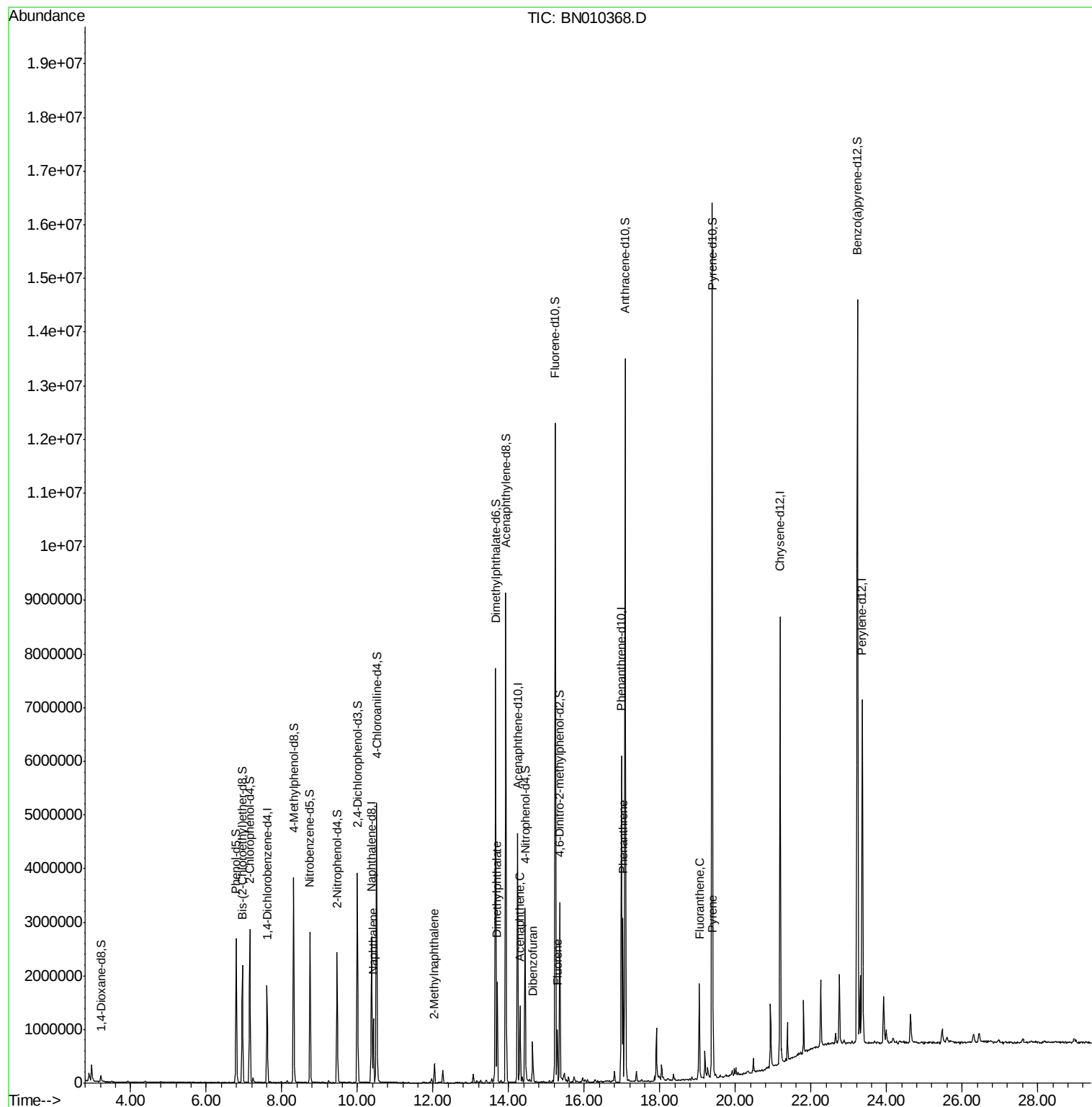
					Ovalue
28) Naphthalene	10.42	128	1003880	8.271	ng/ul 99
34) 2-Methylnaphthalene	12.04	142	175181	1.987	ng/ul 98
45) Dimethylphthalate	13.70	163	1196807	9.933	ng/ul 99
50) Acenaphthene	14.30	153	580526	5.746	ng/ul 99
54) Dibenzofuran	14.63	168	484524	3.405	ng/ul 99
59) Fluorene	15.29	166	393775	3.400	ng/ul 96
70) Phenanthrene	17.02	178	1831681	9.277	ng/ul 98
77) Fluoranthene	19.05	202	986645	4.692	ng/ul 98
80) Pvrene	19.41	202	676967	2.625	ng/ul 98

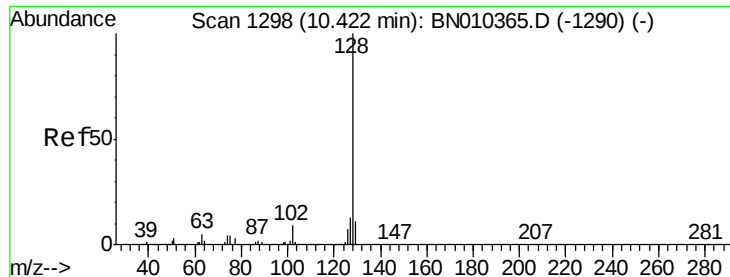
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 8.271 ng/ul

RT: 10.42 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BN010368.D

Acq: 01 Apr 2020 20:18

Instrument :

BNA_N

ClientSampleId :

DBF16

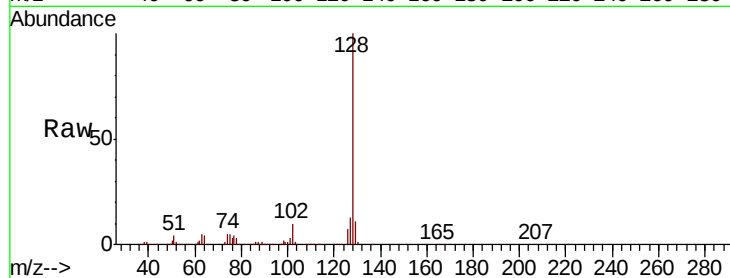
Tot Ion:128 Resp: 1003880

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 12.7 10.8 16.2



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

800000

600000

400000

200000

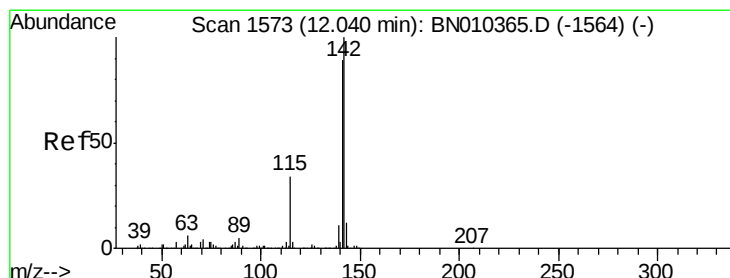
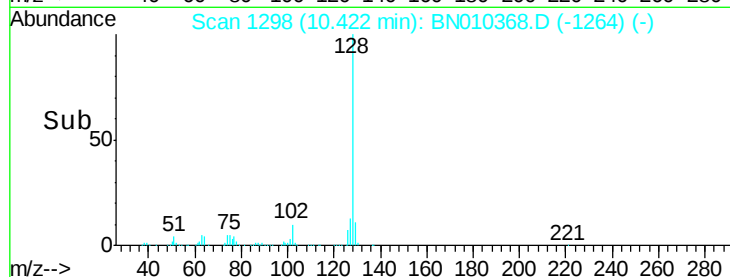
0

10.40

10.42

10.50

Time-->



#34

2-Methylnaphthalene

Concen: 1.987 ng/ul

RT: 12.04 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BN010368.D

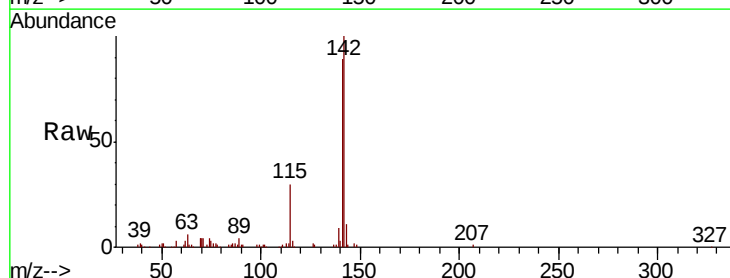
Acq: 01 Apr 2020 20:18

Tgt Ion:142 Resp: 175181

Ion Ratio Lower Upper

142 100

141 88.6 72.1 108.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

120000

100000

80000

60000

40000

20000

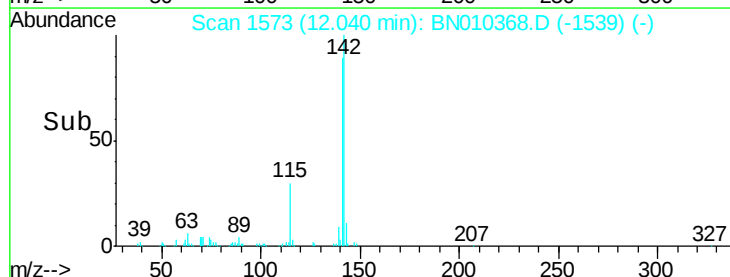
0

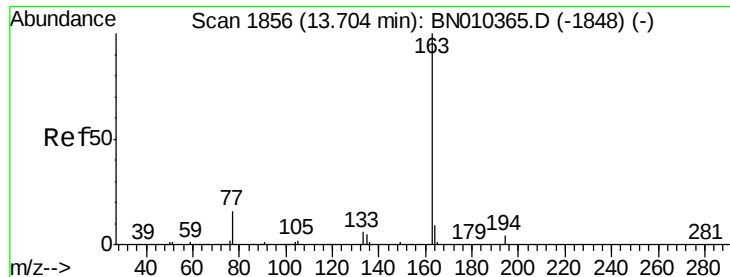
12.00

12.04

12.10

Time-->





#45

Dimethylphthalate

Concen: 9.933 ng/ul

RT: 13.70 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BN010368.D

Acq: 01 Apr 2020 20:18

Instrument :

BNA_N

ClientSampleId :

DBF16

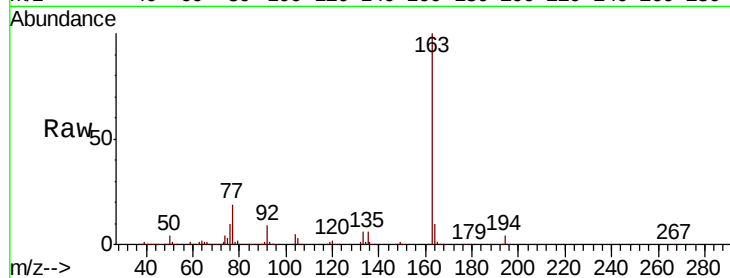
Tot Ion:163 Resp: 1196807

Ion Ratio Lower Upper

163 100

194 4.2 3.7 5.5

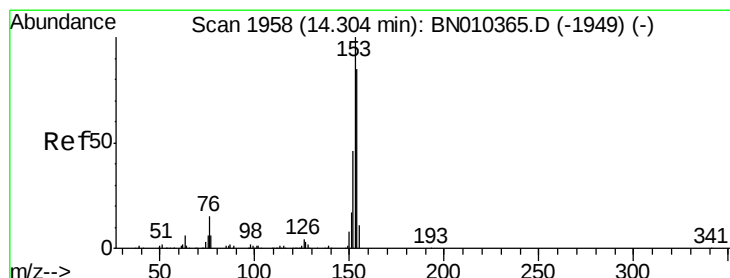
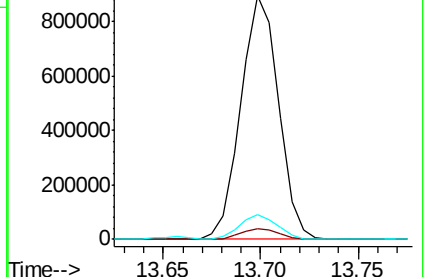
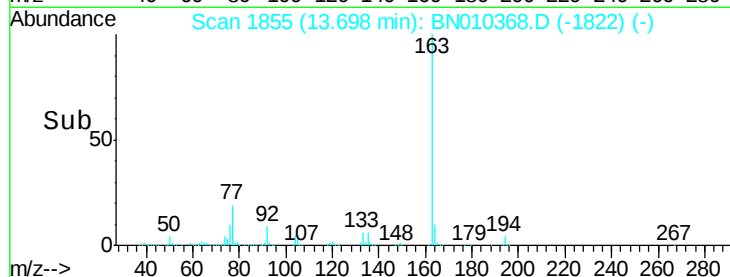
164 10.1 8.0 12.0



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: 5.746 ng/ul

RT: 14.30 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BN010368.D

Acq: 01 Apr 2020 20:18

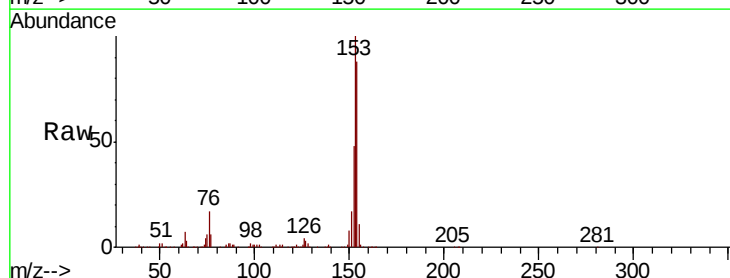
Tgt Ion:153 Resp: 580526

Ion Ratio Lower Upper

153 100

152 48.1 37.8 56.6

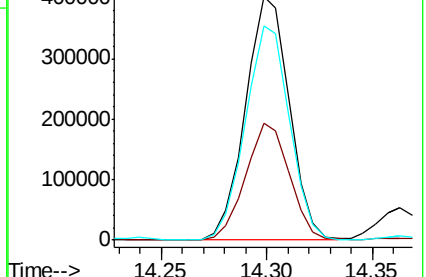
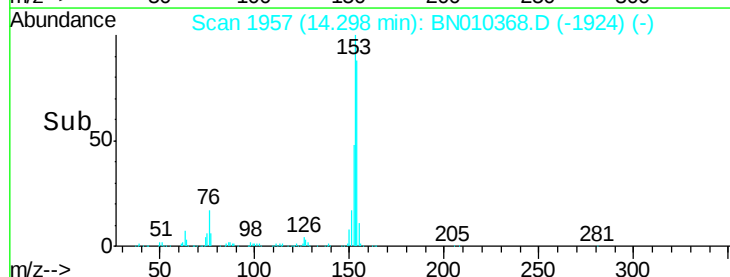
154 87.7 69.1 103.7

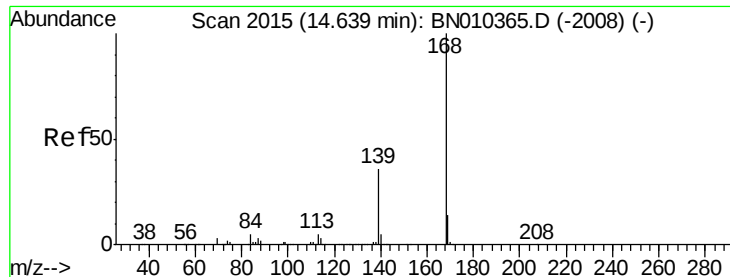


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.405 ng/ul

RT: 14.63 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BN010368.D

Acq: 01 Apr 2020 20:18

Instrument :

BNA_N

ClientSampleId :

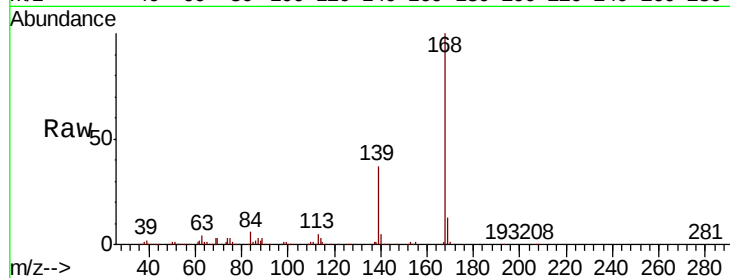
DBF16

Tot Ion:168 Resp: 484524

Ion Ratio Lower Upper

168 100

139 36.6 29.0 43.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.63

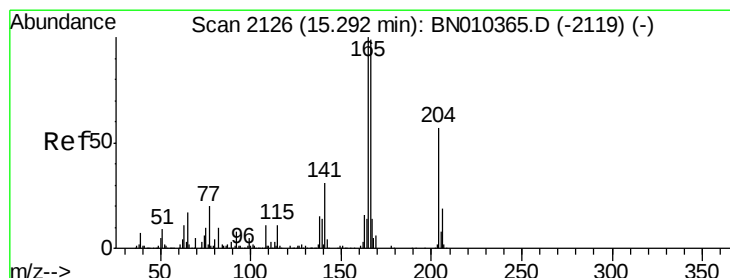
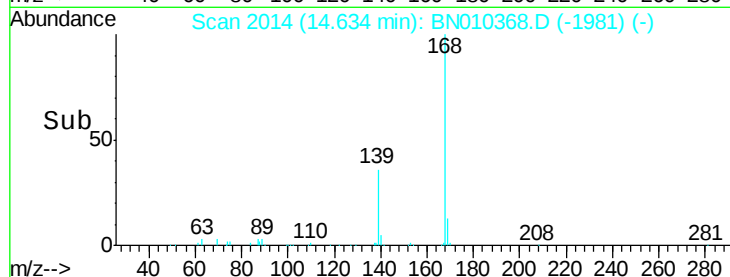
300000

200000

100000

0

Time-->



#59

Fluorene

Concen: 3.400 ng/ul

RT: 15.29 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BN010368.D

Acq: 01 Apr 2020 20:18

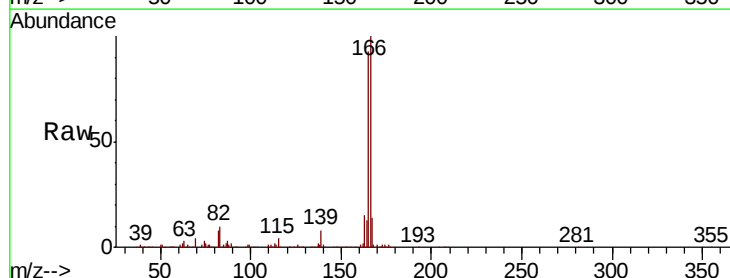
Tgt Ion:166 Resp: 393775

Ion Ratio Lower Upper

166 100

165 92.8 77.6 116.4

167 13.9 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

15.29

400000

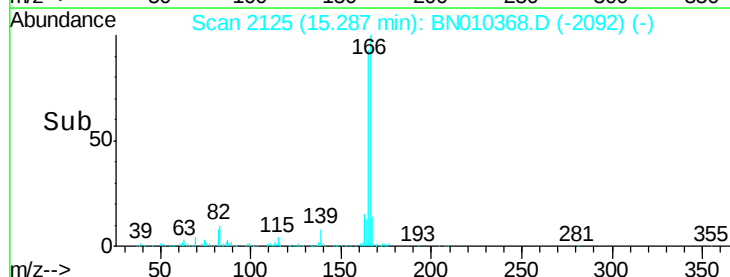
300000

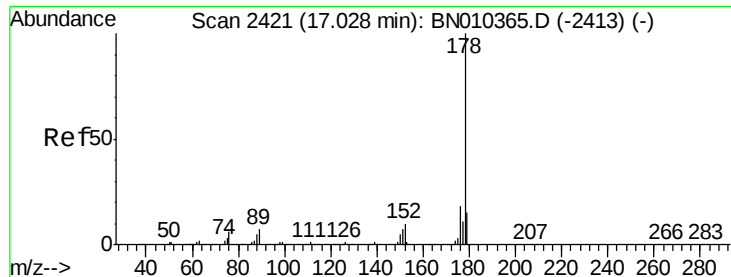
200000

100000

0

Time-->

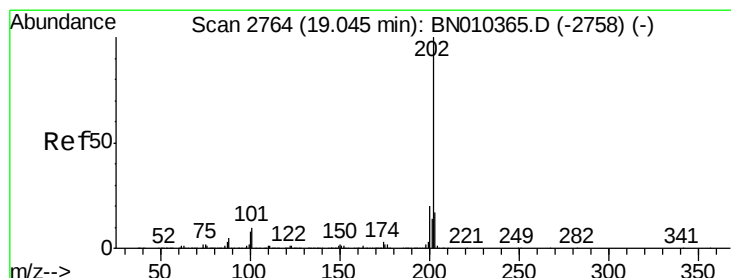
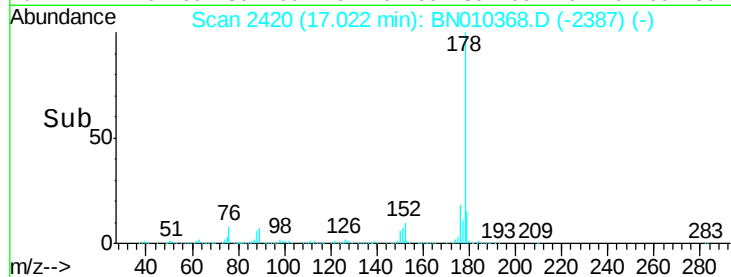
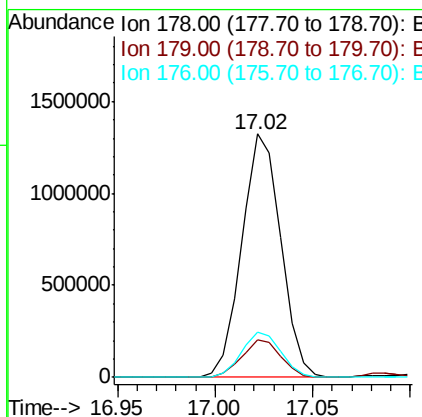
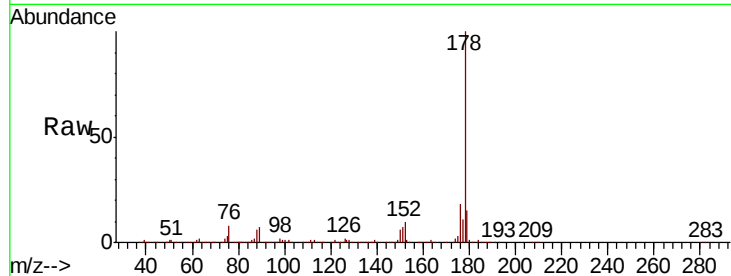




#70
Phenanthrene
Concen: 9.277 ng/ul
RT: 17.02 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BN010368.D
Acq: 01 Apr 2020 20:18

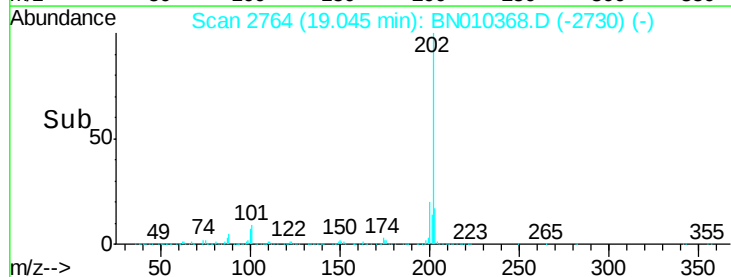
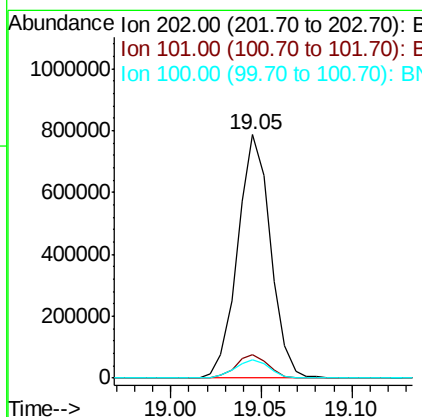
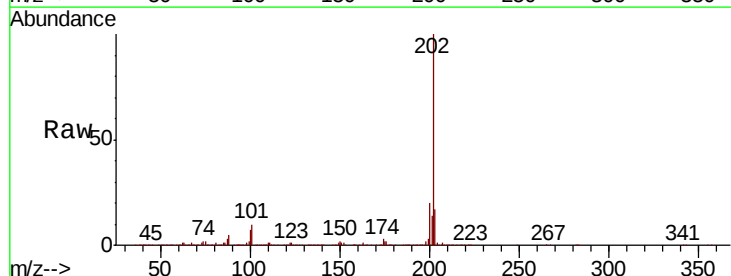
Instrument :
BNA_N
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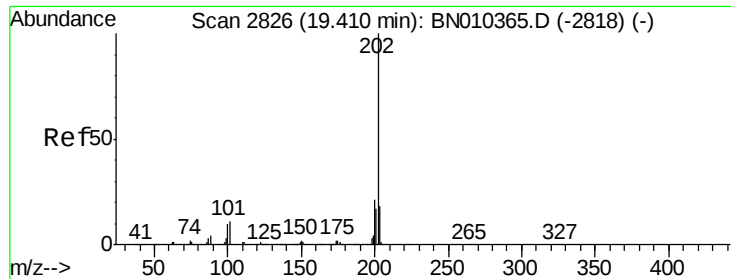
Tot Ion:178 Resp: 1831681
Ion Ratio Lower Upper
178 100
179 15.4 11.9 17.9
176 18.3 15.4 23.2



#77
Fluoranthene
Concen: 4.692 ng/ul
RT: 19.05 min Scan# 2764
Delta R.T. 0.00 min
Lab File: BN010368.D
Acq: 01 Apr 2020 20:18

Tgt Ion:202 Resp: 986645
Ion Ratio Lower Upper
202 100
101 9.5 8.1 12.1
100 7.3 6.2 9.4





#80
 Pvrene
 Concen: 2.625 ng/ul
 RT: 19.41 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BN010368.D
 Acq: 01 Apr 2020 20:18

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.6	14.4
100	9.7	8.1	12.1

