

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
 Data File : BN009893.D
 Acq On : 25 Feb 2020 10:16
 Operator : CG/JU
 Sample : L1582-05DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDJ7DL

Manual Integrations
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 2/25/2020 3:40:47 PM

Quant Time: Feb 25 13:54:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 25 07:22:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	129927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	532959	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.03	164	327876	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	702847	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	701831	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	720113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	577	0.18	ng/uL	0.02
5) Phenol-d5	6.60	99	12813	1.16	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.75	67	45552	5.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	40484	4.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	25160	2.86	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	26376	6.76	ng/ul	0.01
22) 2-Nitrophenol-d4	9.25	143	25902	6.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	45671	5.57	ng/ul	0.02
29) 4-Chloroaniline-d4	10.30	131	14349	1.56	ng/ul	0.01
44) Dimethylphthalate-d6	13.45	166	163968	6.70	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	191416	6.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	2562	0.57	ng/ul	0.04
58) Fluorene-d10	15.03	176	147136	6.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	16906	3.87	ng/ul	0.01
71) Anthracene-d10	16.89	188	224940	6.98	ng/ul	0.00
79) Pyrene-d10	19.19	212	246290	6.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	239595	6.66	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.20	128	39058509m	1359.027	ng/ul	
34) 2-Methylnaphthalene	11.82	142	5038361	252.471	ng/ul	94
41) 1,1'-Biphenyl	12.85	154	844028	33.516	ng/ul	96
48) Acenaphthylene	13.75	152	49667	1.591	ng/ul#	87
50) Acenaphthene	14.10	153	2824662	131.985	ng/ul	97
54) Dibenzofuran	14.43	168	2287623	76.155	ng/ul	98
59) Fluorene	15.09	166	1315971	52.201	ng/ul	96
70) Phenanthrene	16.83	178	1604509	40.001	ng/ul	100
72) Anthracene	16.92	178	50493	1.231	ng/ul	96
75) Carbazole	17.20	167	2848074	78.872	ng/ul	98
77) Fluoranthene	18.86	202	120964	2.575	ng/ul	99
80) Pyrene	19.22	202	76050	1.503	ng/ul	99

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

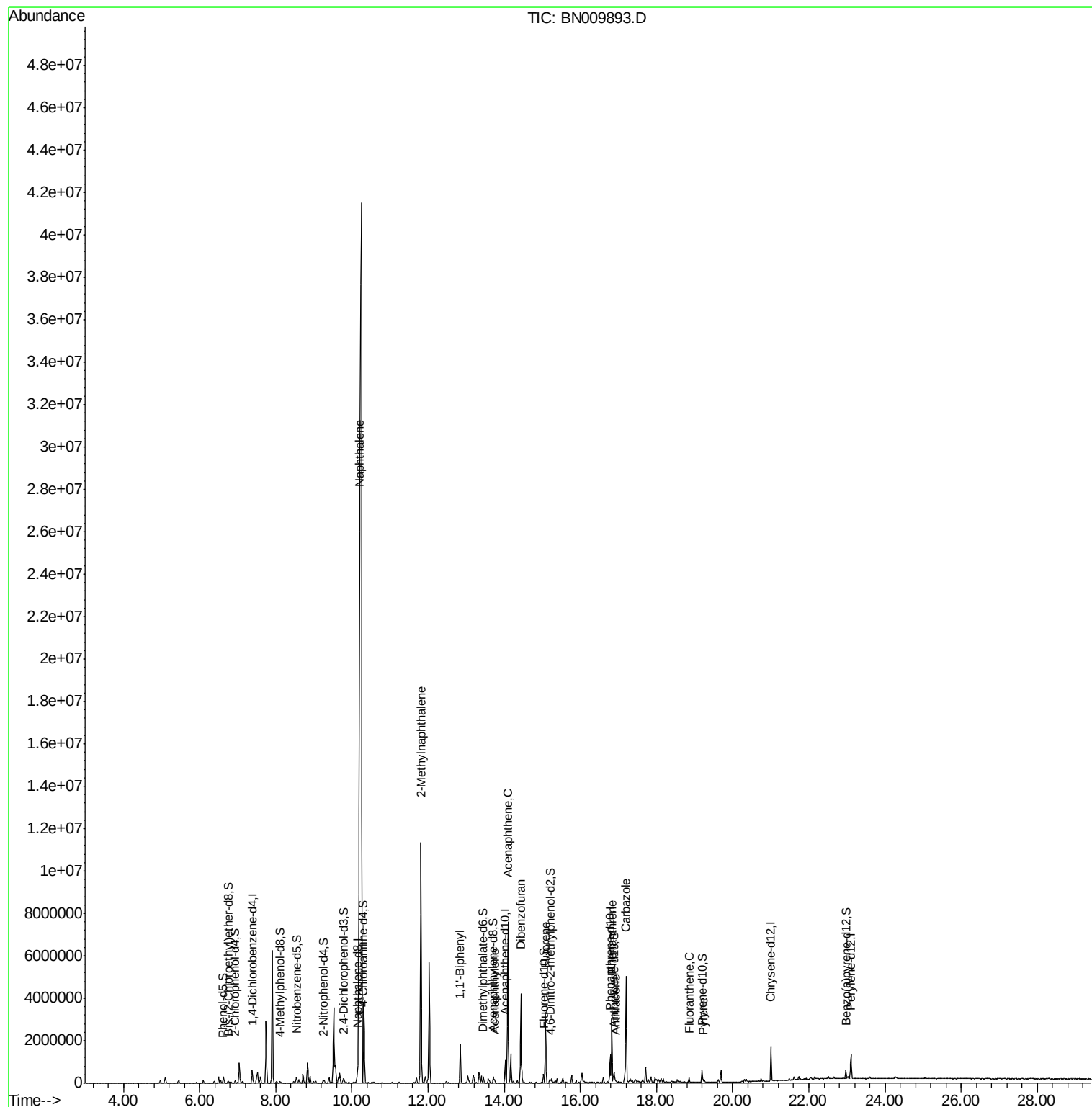
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022420\
Data File : BN009893.D
Acq On : 25 Feb 2020 10:16
Operator : CG/JU
Sample : L1582-05DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

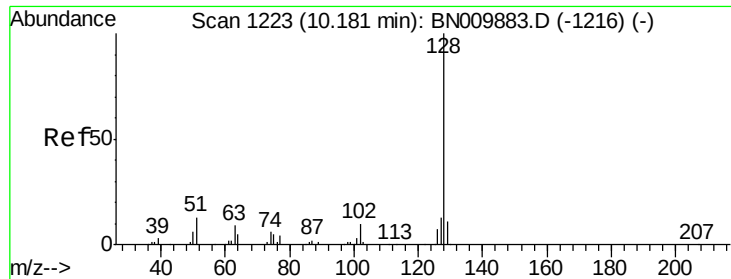
Instrument :
BNA_N
ClientSampleId :
DBDJ7DL

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Quant Time: Feb 25 13:54:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 07:22:29 2020
Response via : Initial Calibration





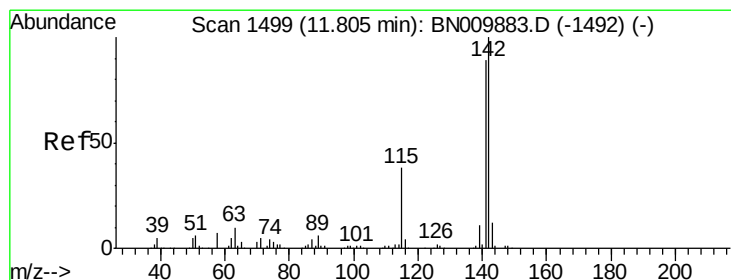
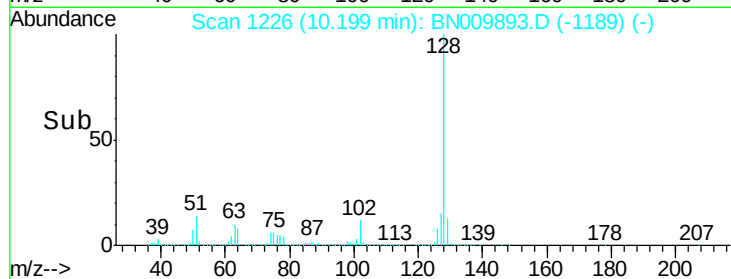
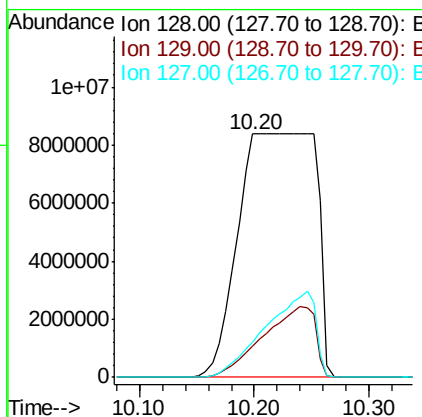
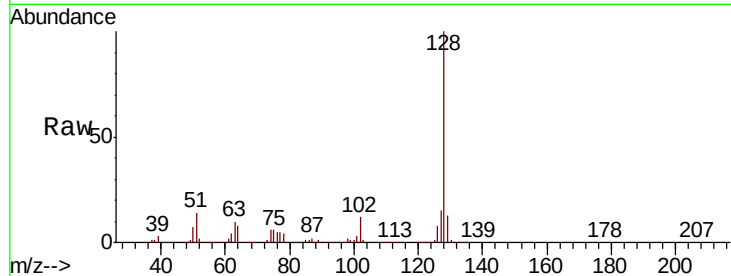
#28
Naphthalene
Concen: 1359.027 ng/ul m
RT: 10.20 min Scan# 1226
Delta R.T. 0.02 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Instrument :
BNA_N
ClientSampleId :
DBDJ7DL

Tot Ion:128 Resp:39058509
Ion Ratio Lower Upper
128 100
129 12.8 8.6 13.0
127 14.6 10.3 15.5

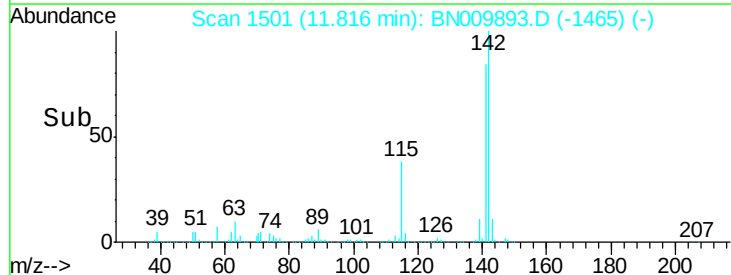
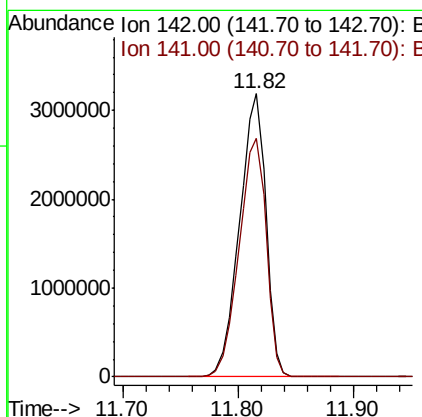
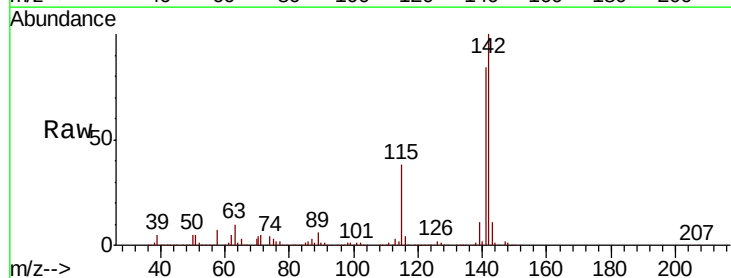
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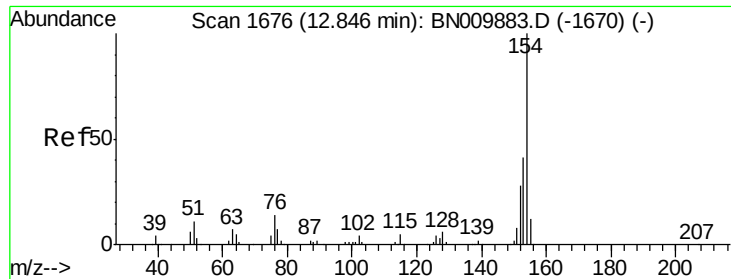
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#34
2-Methylnaphthalene
Concen: 252.471 ng/ul
RT: 11.82 min Scan# 1501
Delta R.T. 0.01 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Tgt Ion:142 Resp: 5038361
Ion Ratio Lower Upper
142 100
141 84.3 72.1 108.1





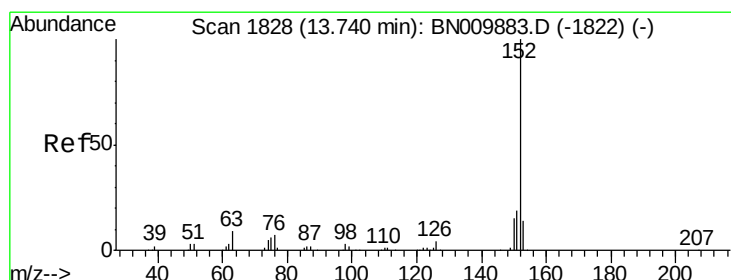
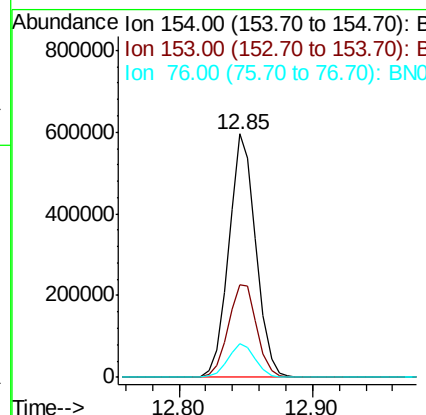
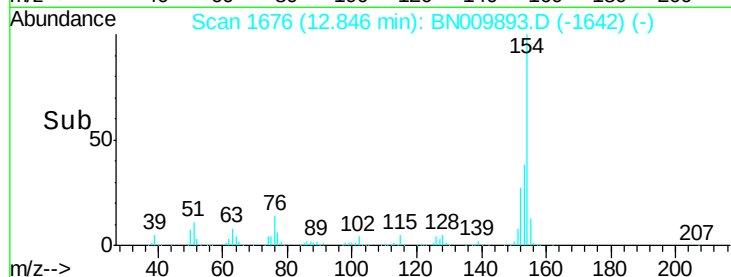
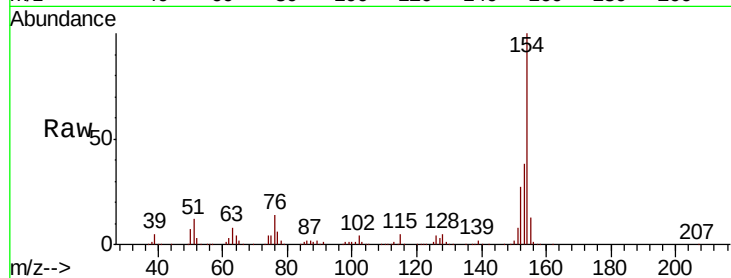
#41
1,1'-Biphenyl
Concen: 33.516 ng/ul
RT: 12.85 min Scan# 1676
Delta R.T. -0.00 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Instrument :
BNA_N
ClientSampleId :
DBDJ7DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	38.0	33.2	49.8
76	13.9	11.0	16.4

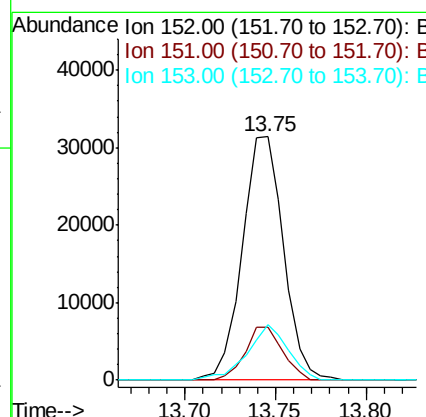
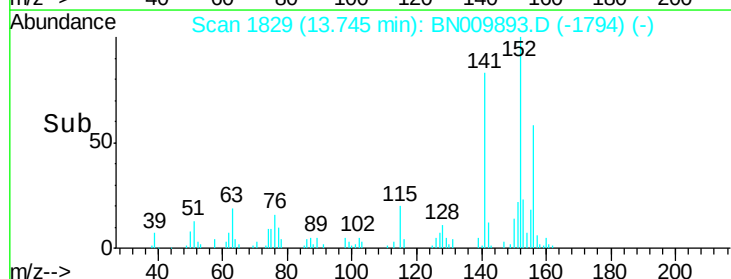
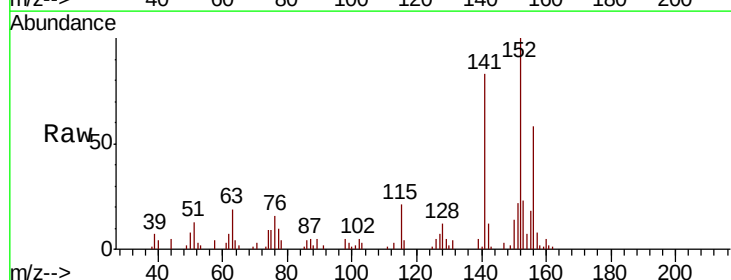
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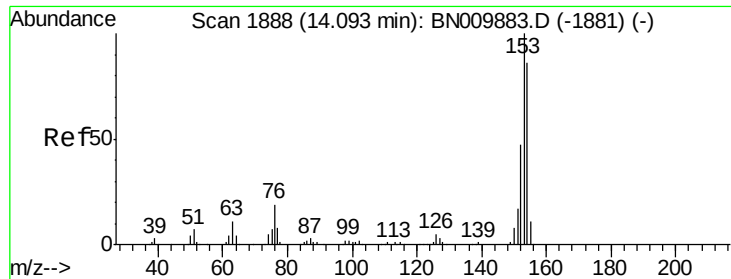
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#48
Acenaphthylene
Concen: 1.591 ng/ul
RT: 13.75 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.9	15.7	23.5
153	23.0	10.3	15.5#





#50

Acenaphthene

Concen: 131.985 ng/ul

RT: 14.10 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampled :

DBDJ7DL

Tot Ion:153 Resp: 2824662

Ion Ratio Lower Upper

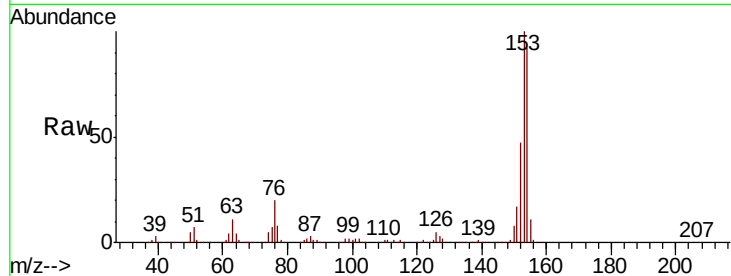
153 100

152 46.5 36.6 54.8

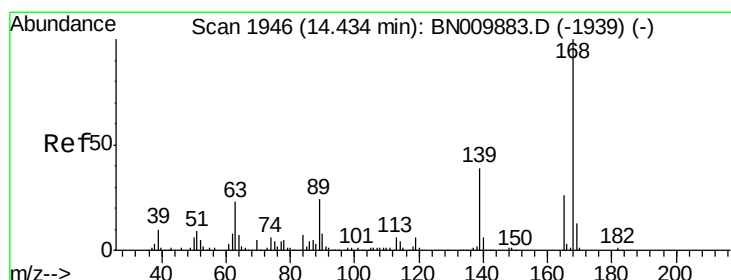
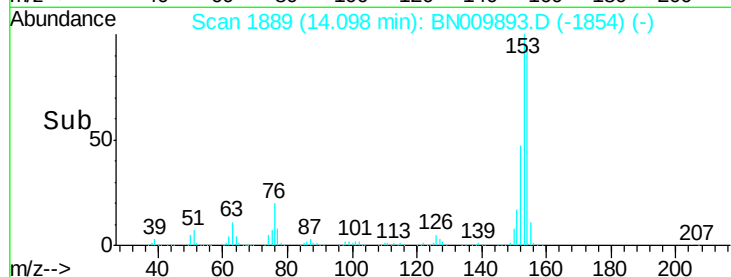
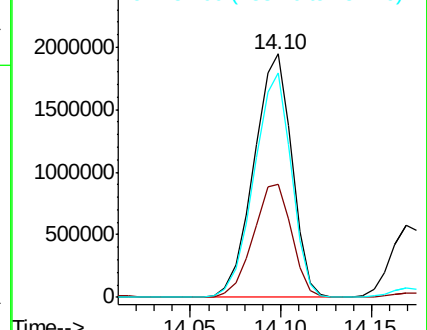
154 92.3 70.6 106.0

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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: 76.155 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BN009893.D

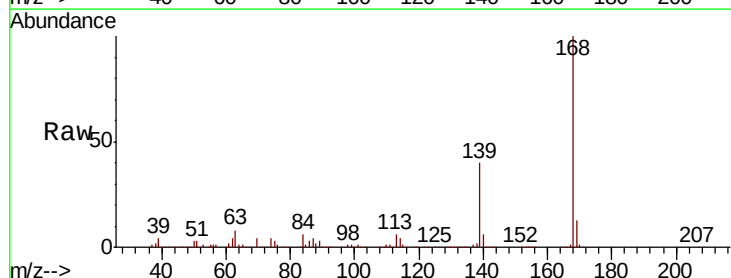
Acq: 25 Feb 2020 10:16

Tgt Ion:168 Resp: 2287623

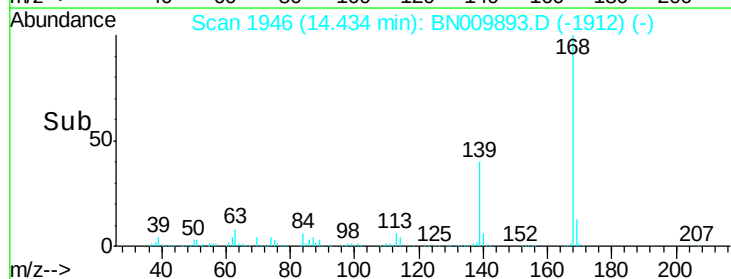
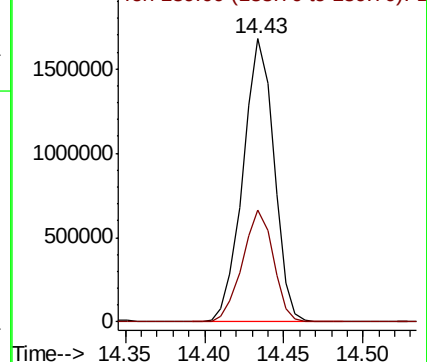
Ion Ratio Lower Upper

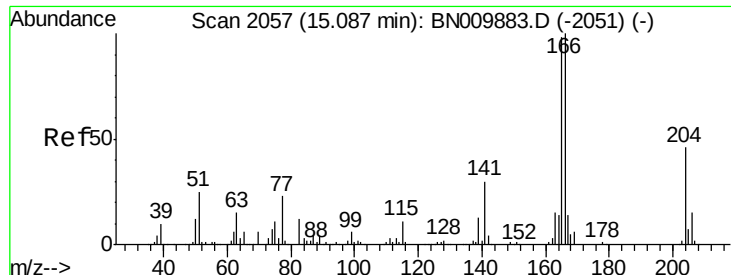
168 100

139 39.6 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: 52.201 ng/ul

RT: 15.09 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

ClientSampled :

DBDJ7DL

Tot Ion:166 Resp: 1315971

Ion Ratio Lower Upper

166 100

165 95.4 79.8 119.8

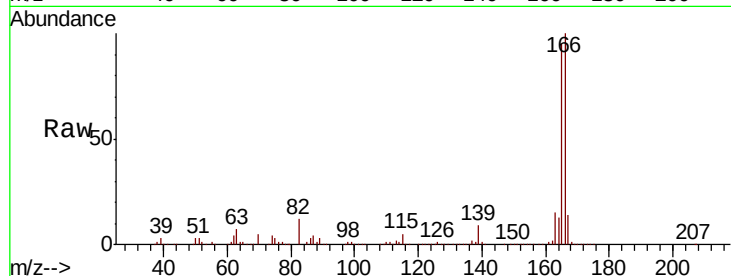
167 14.3 10.7 16.1

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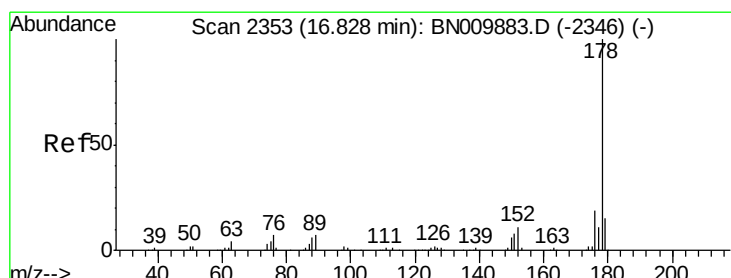
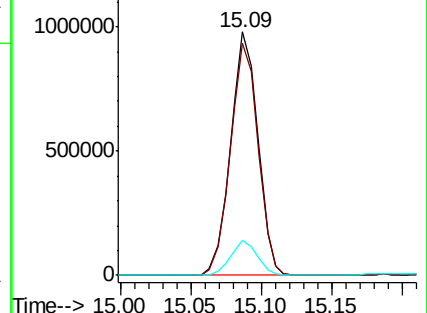
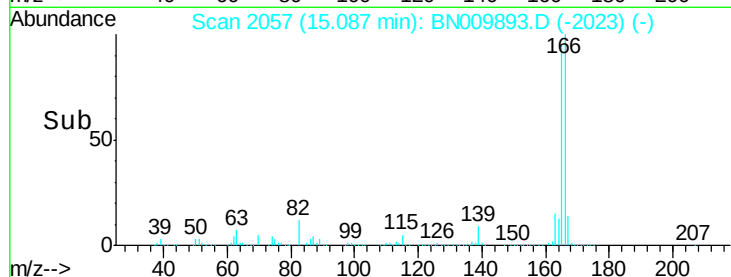
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 40.001 ng/ul

RT: 16.83 min Scan# 2353

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

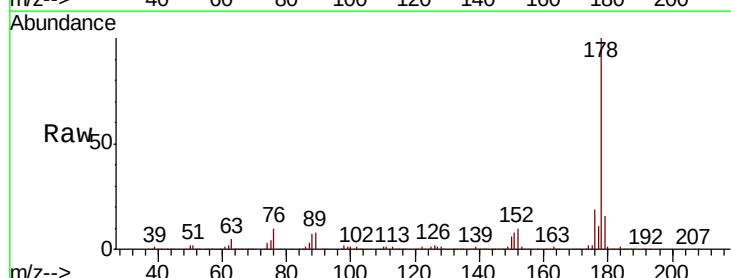
Tgt Ion:178 Resp: 1604509

Ion Ratio Lower Upper

178 100

179 15.5 12.5 18.7

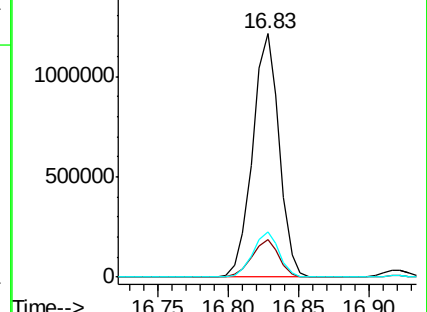
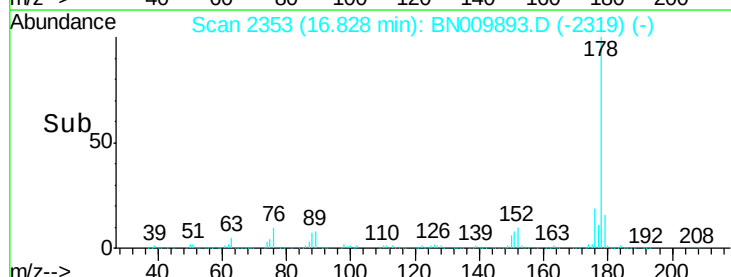
176 18.5 14.6 22.0

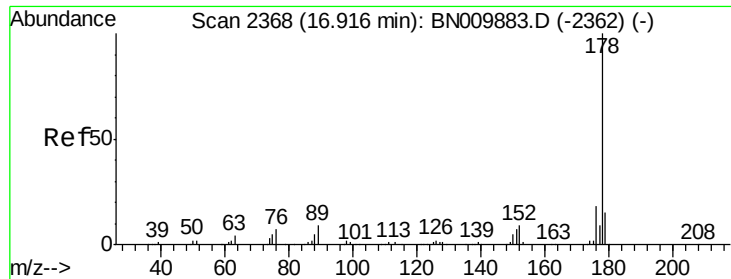


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.231 ng/ul

RT: 16.92 min Scan# 2368

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

Instrument :

BNA_N

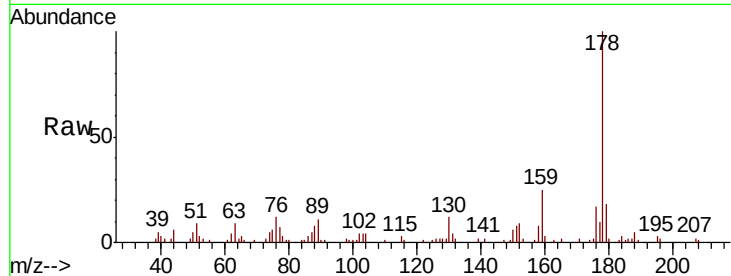
ClientSampleId :

DBDJ7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.2	18.2
176	17.3	14.6	21.8

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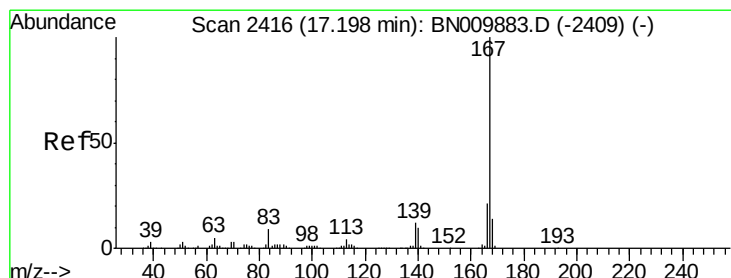
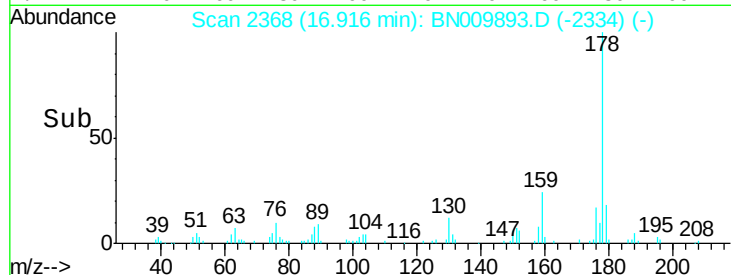
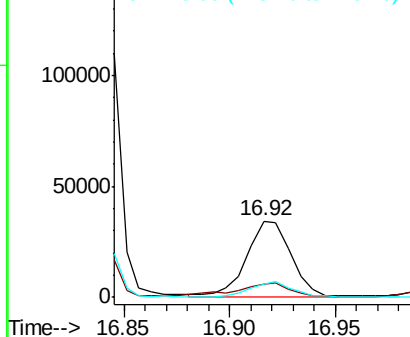


Abundance

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: 78.872 ng/ul

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BN009893.D

Acq: 25 Feb 2020 10:16

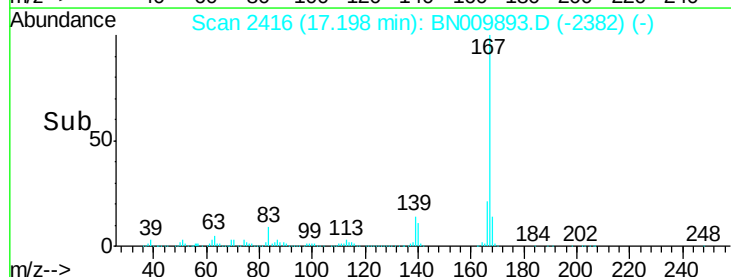
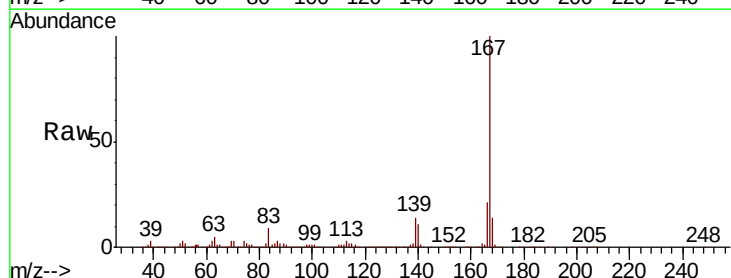
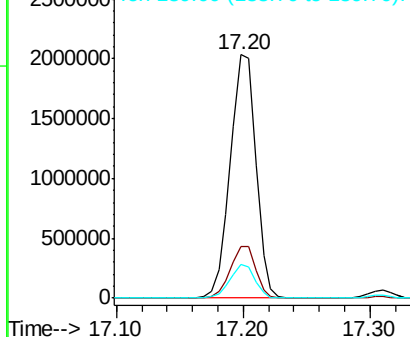
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.6	24.8
139	13.8	9.9	14.9

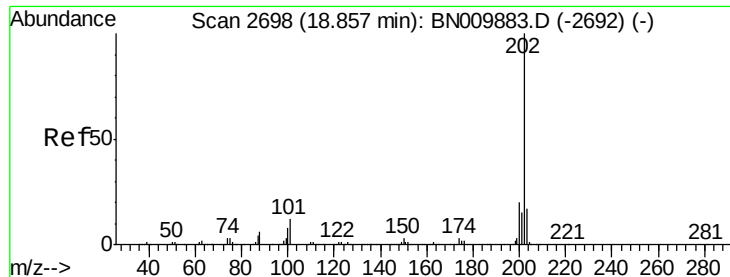
Abundance

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





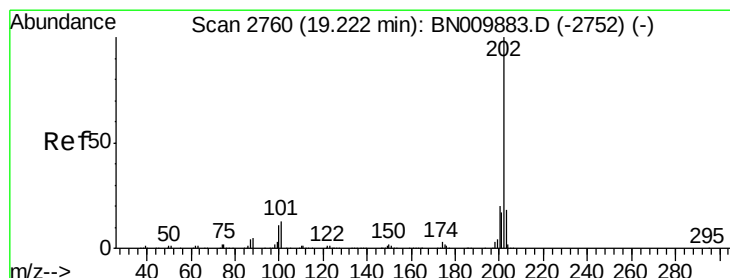
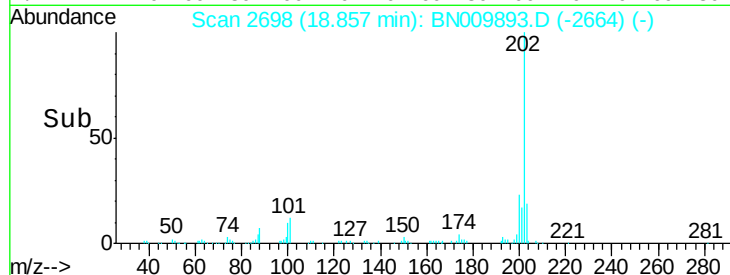
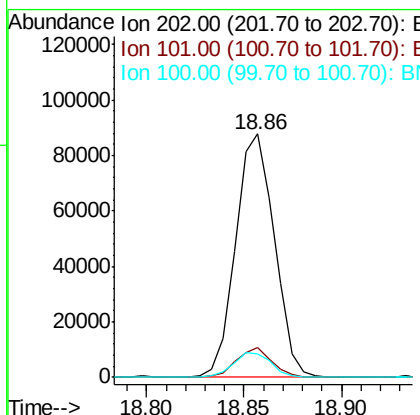
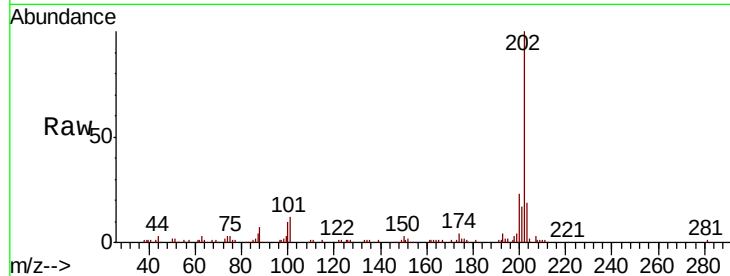
#77
Fluoranthene
Concen: 2.575 ng/ul
RT: 18.86 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Instrument :
BNA_N
ClientSampleId :
DBDJ7DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		120964		
101	12.0	9.4	14.2		
100	9.9	7.2	10.8		

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#80
Pyrene
Concen: 1.503 ng/ul
RT: 19.22 min Scan# 2760
Delta R.T. -0.00 min
Lab File: BN009893.D
Acq: 25 Feb 2020 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		76050		
101	13.8	11.3	16.9		
100	10.7	9.0	13.6		

