

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
 Data File : BN010063.D
 Acq On : 03 Mar 2020 15:52
 Operator : CG/JU
 Sample : L1507-20ME
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBD18ME

Manual Integrations
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Quant Time: Mar 03 16:25:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 03 12:28:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	60546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.11	136	259996	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	159877	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	389225	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	385413	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	413400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	3146	2.14	ng/uL	0.00
5) Phenol-d5	6.58	99	78567	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	55922	15.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	60122	15.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.09	113	61339	14.97	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	29235	15.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	33520	16.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	61731	15.43	ng/ul	0.01
29) 4-Chloroaniline-d4	10.27	131	86217	19.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	183869	15.40	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	214863	15.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	19421	8.90	ng/ul	0.02
58						

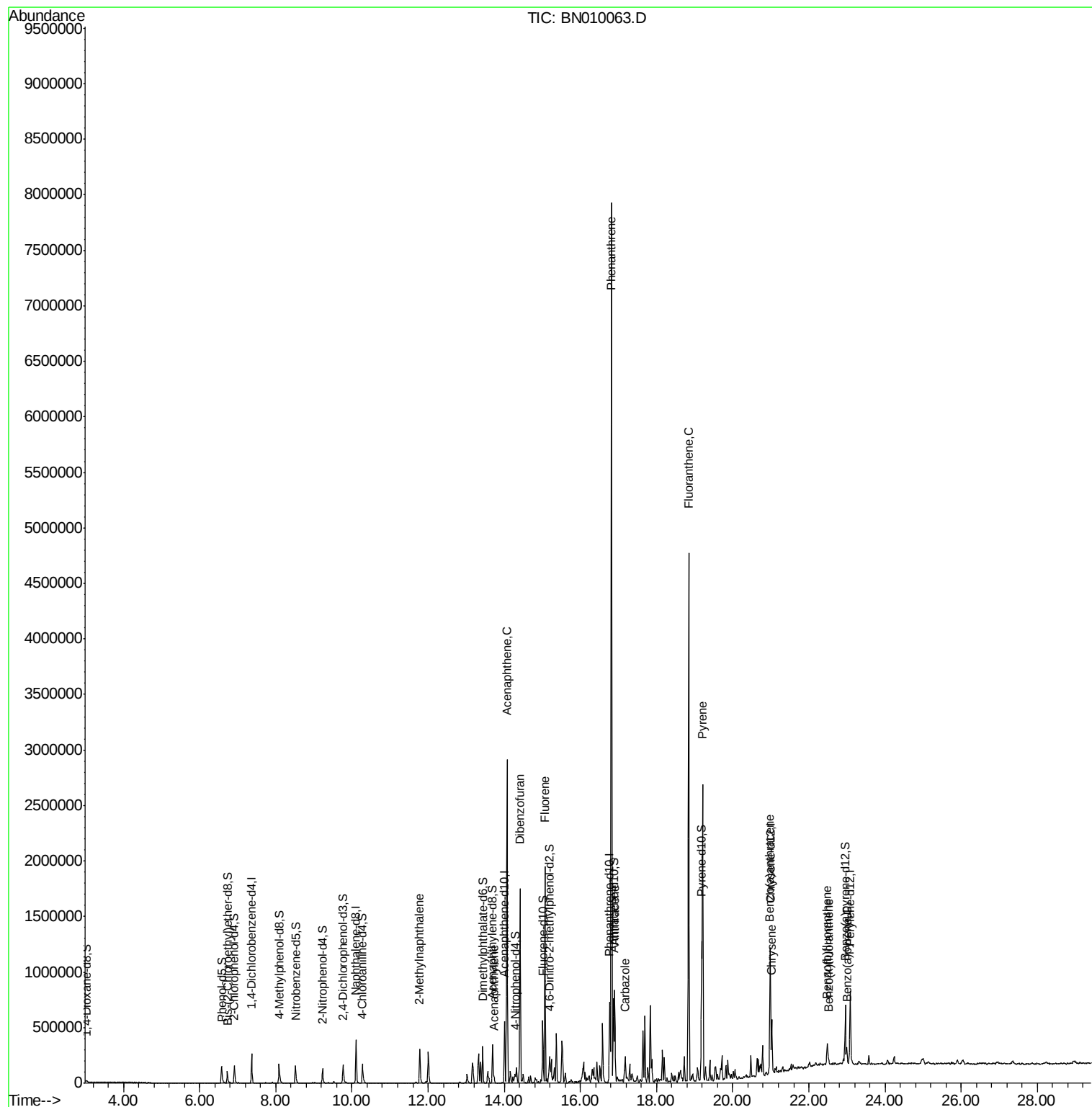
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010063.D
Acq On : 03 Mar 2020 15:52
Operator : CG/JU
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Misc :
ALS Vial : 8 Sample Multiplier: 1

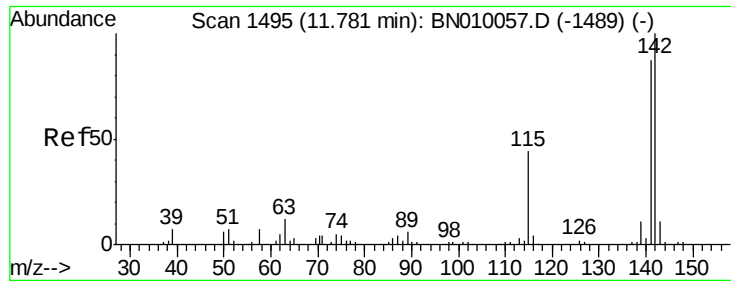
Instrument :
BNA_N
ClientSampleId :
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Quant Time: Mar 03 16:25:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 12:28:17 2020
Response via : Initial Calibration





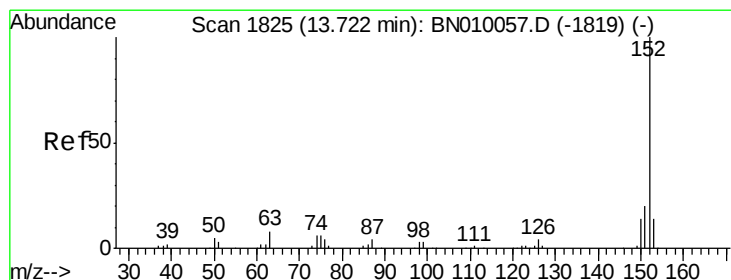
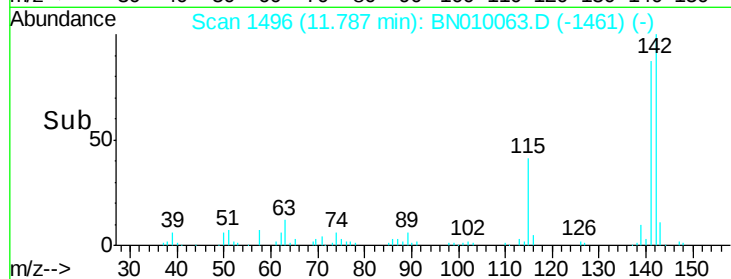
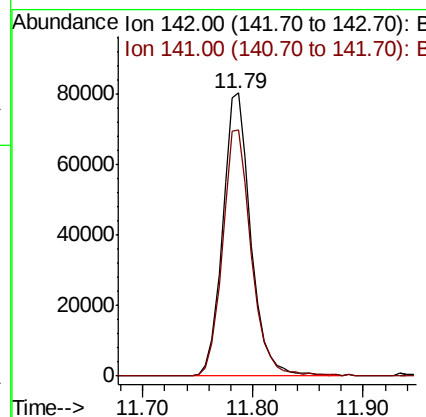
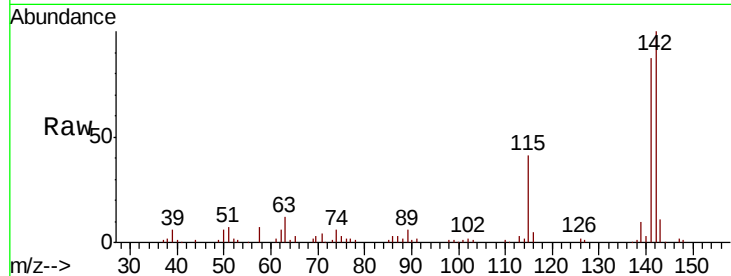
#34
2-Methylnaphthalene
Concen: 14.642 ng/ul
RT: 11.79 min Scan# 1496
Delta R.T. 0.01 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Instrument :
BNA_N
ClientSampleId :
DBD18ME

Tot Ion:142 Resp: 142542
Ion Ratio Lower Upper
142 100
141 86.8 72.1 108.1

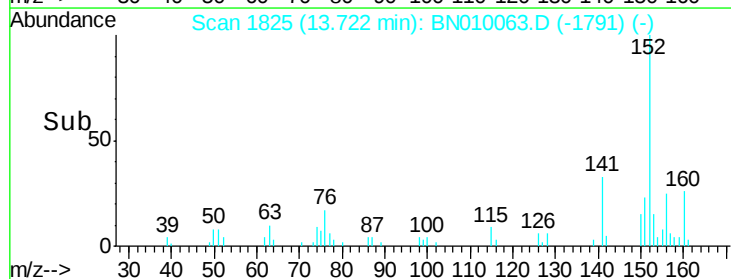
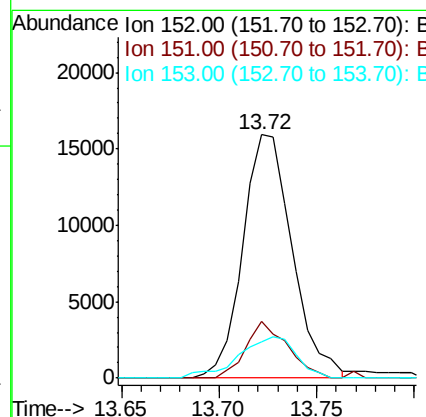
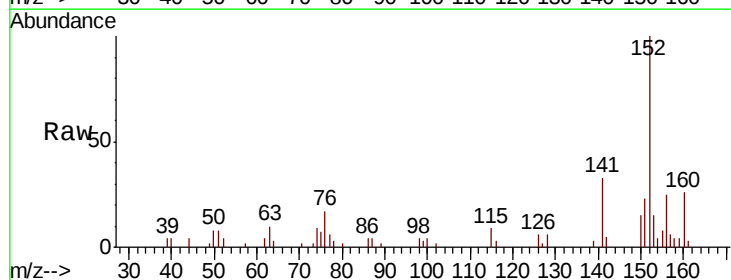
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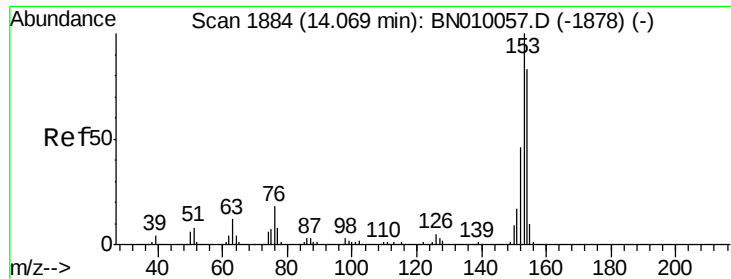
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#48
Acenaphthylene
Concen: 1.837 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Tgt Ion:152 Resp: 27972
Ion Ratio Lower Upper
152 100
151 23.1 15.7 23.5
153 14.8 10.3 15.5





#50

Acenaphthene

Concen: 98.235 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. 0.01 min

Lab File: BN010063.D

Acq: 03 Mar 2020 15:52

Instrument :

BNA_N

ClientSampleId :

DBD18ME

Tot Ion:153 Resp: 1025150

Ion Ratio Lower Upper

153 100

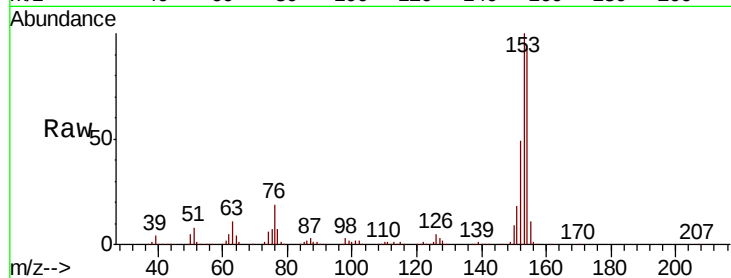
152 48.7 36.6 54.8

154 93.2 70.6 106.0

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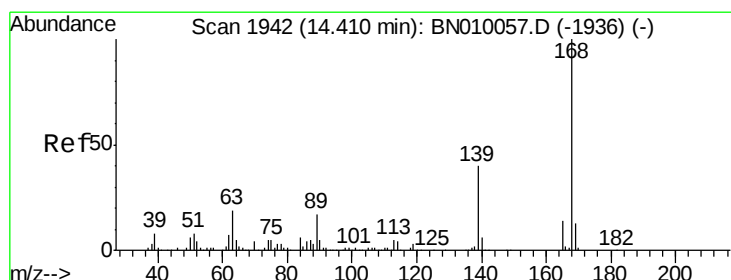
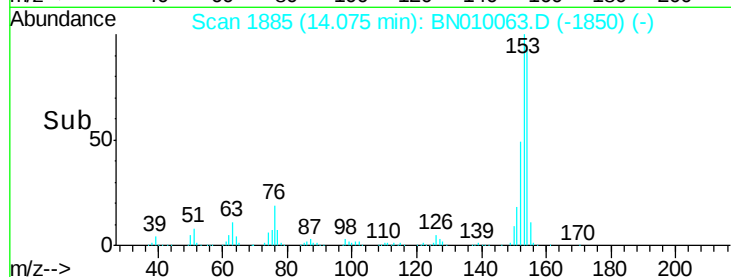
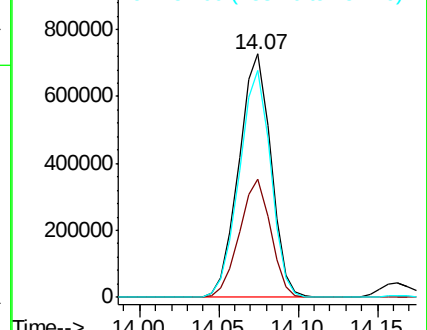
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

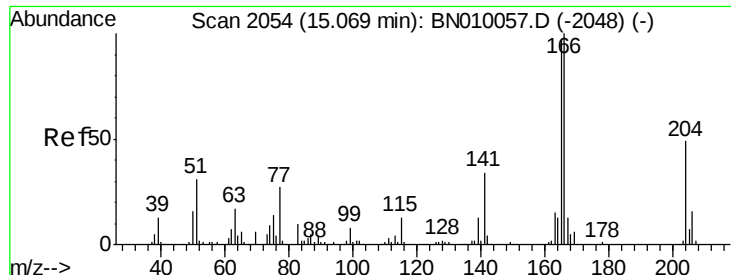
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 64.948 ng/ul



#59

Fluorene

Concen: 61.773 ng/ul

RT: 15.07 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BN010063.D

Acq: 03 Mar 2020 15:52

Instrument :

BNA_N

ClientSampleId :

DBD18ME

Tot Ion:166 Resp: 759342

Ion Ratio Lower Upper

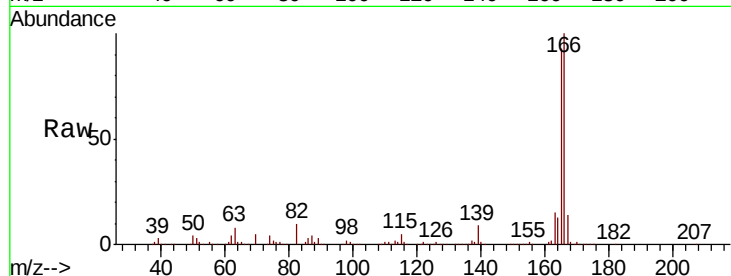
166 100

165 93.3 79.8 119.8

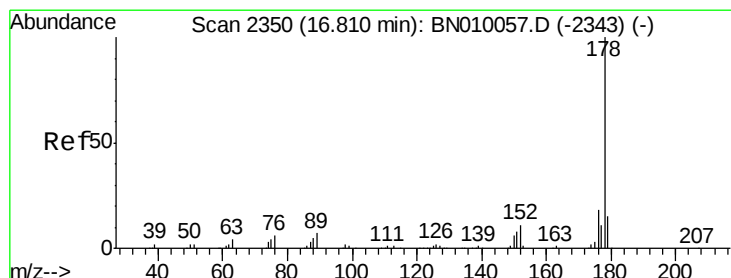
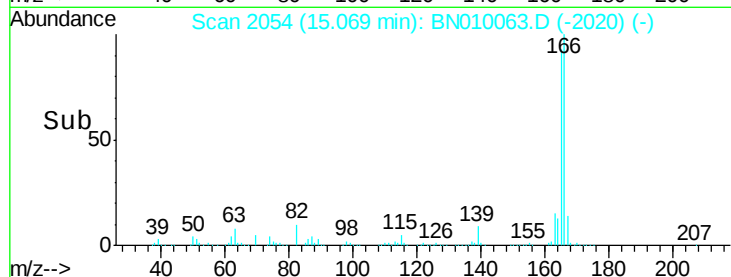
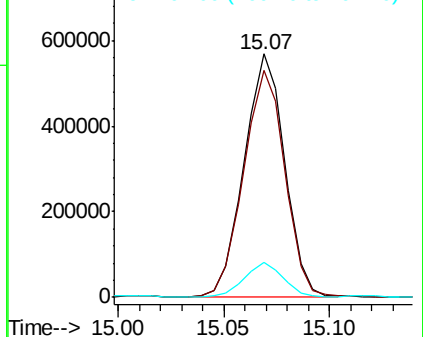
167 14.2 10.7 16.1

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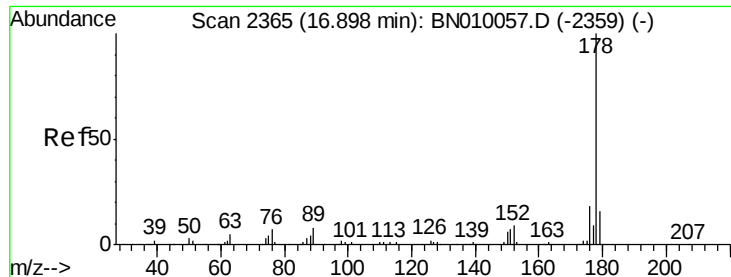
Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 186.628 ng/ul



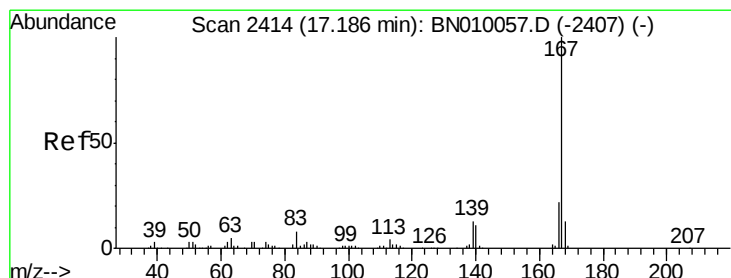
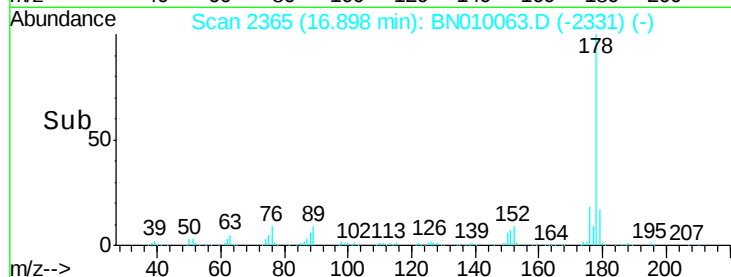
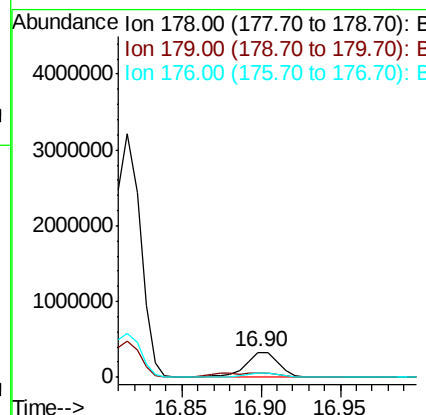
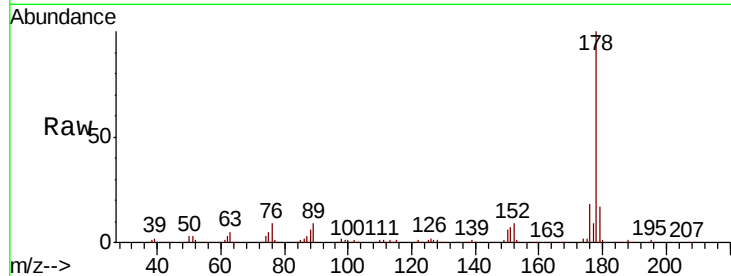
#72
 Anthracene
 Concen: 21.287 ng/ul
 RT: 16.90 min Scan# 2365
 Delta R.T. -0.00 min
 Lab File: BN010063.D
 Acq: 03 Mar 2020 15:52

Instrument :
 BNA_N
 ClientSampleId :
 DBD18ME

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.2
176	18.4	14.6	21.8

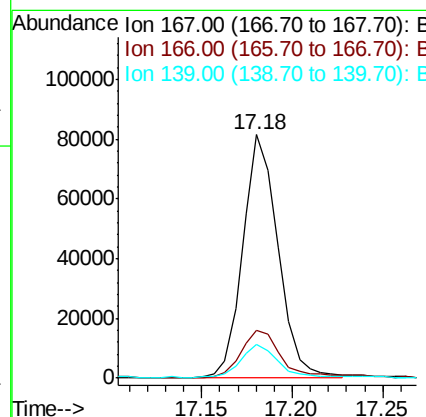
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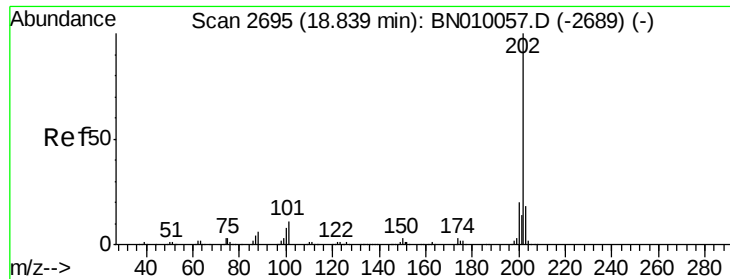
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#75
 Carbazole
 Concen: 5.532 ng/ul
 RT: 17.18 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BN010063.D
 Acq: 03 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.6	16.6	24.8
139	13.9	9.9	14.9





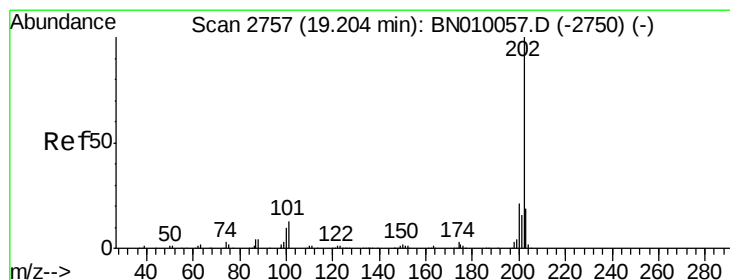
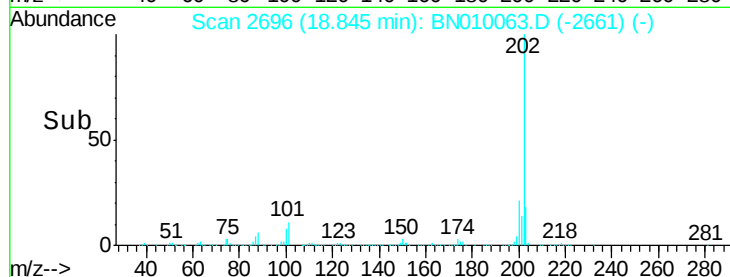
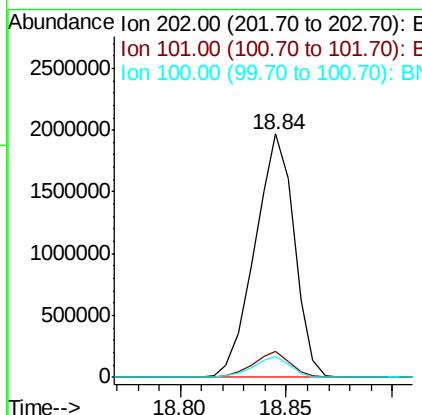
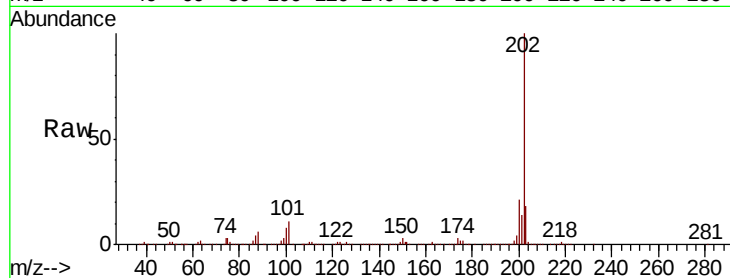
#77
Fluoranthene
Concen: 98.189 ng/ul
RT: 18.84 min Scan# 2696
Delta R.T. 0.01 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Instrument :
BNA_N
ClientSampleId :
DBD18ME

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.4	14.2
100	8.4	7.2	10.8

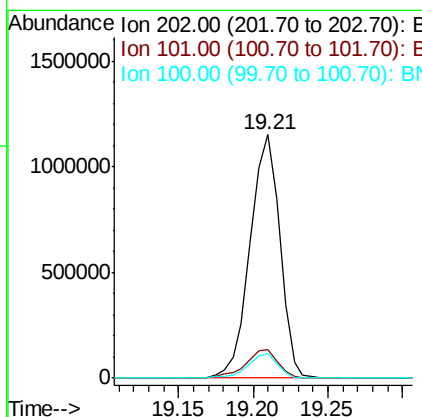
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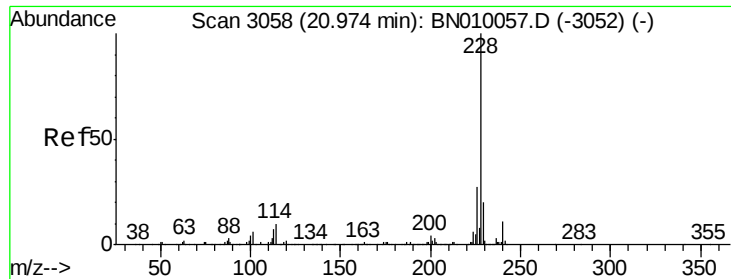
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#80
Pyrene
Concen: 57.053 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.01 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.3	16.9
100	10.0	9.0	13.6





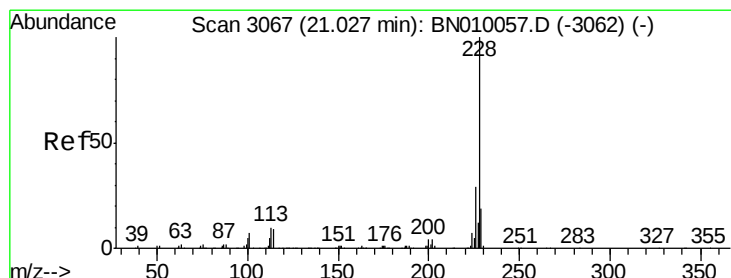
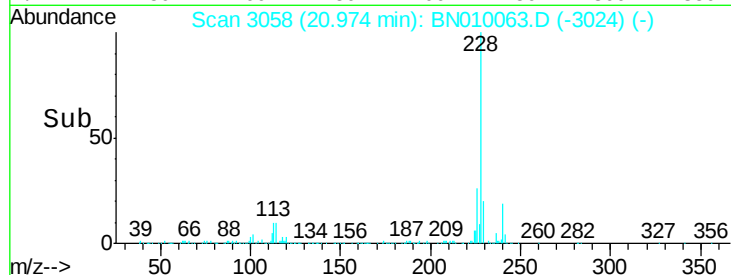
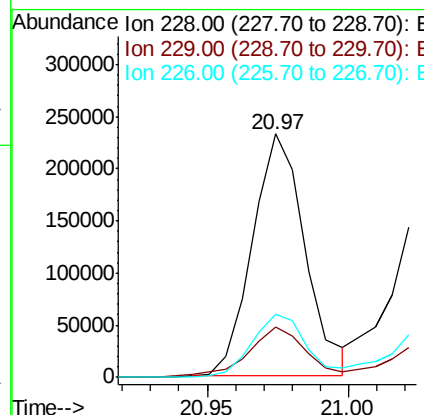
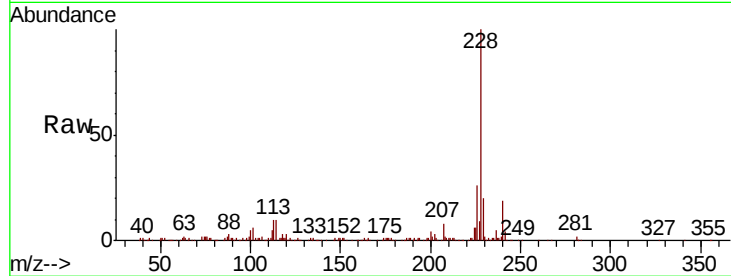
#83
Benzo(a)anthracene
Concen: 11.348 ng/ul
RT: 20.97 min Scan# 3058
Delta R.T. -0.00 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Instrument :
BNA_N
ClientSampleId :
DBD18ME

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	25.9	21.4	32.2

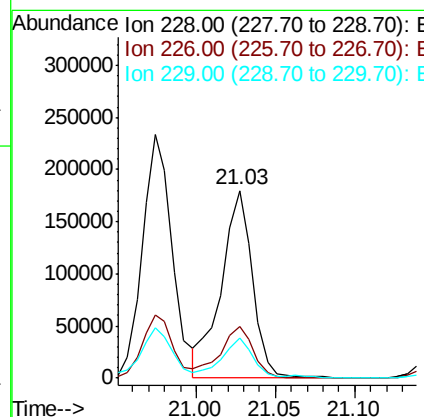
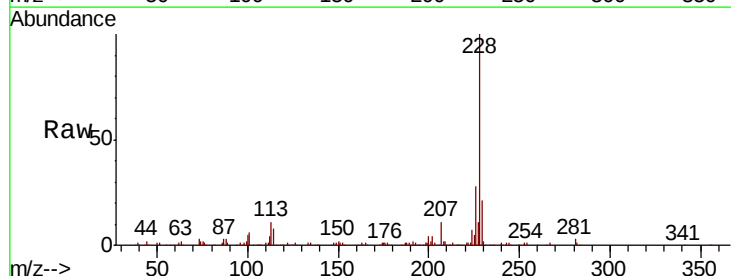
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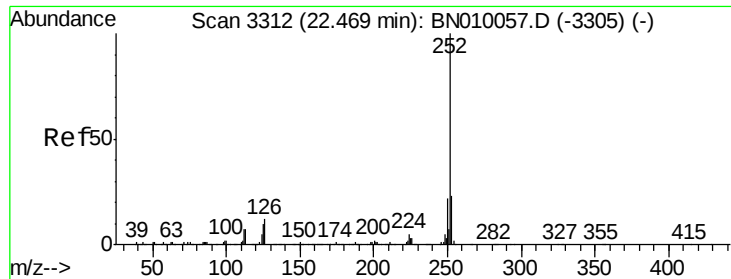
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#85
Chrysene
Concen: 9.391 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.00 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.4	35.2
229	21.1	15.0	22.4





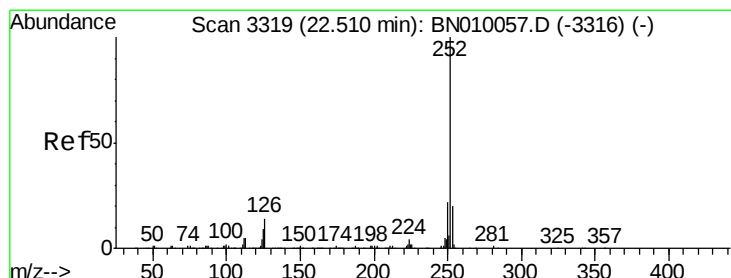
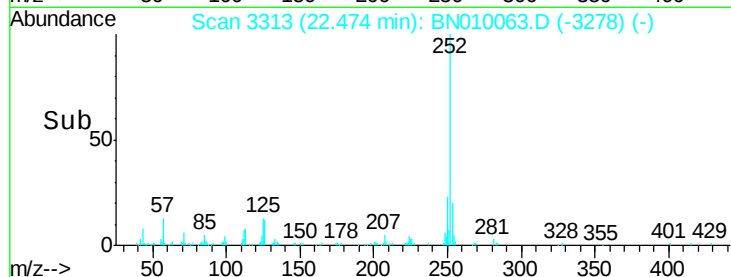
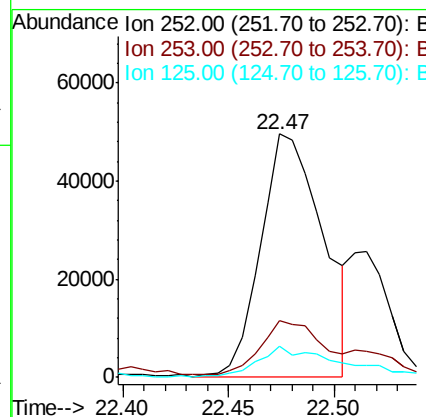
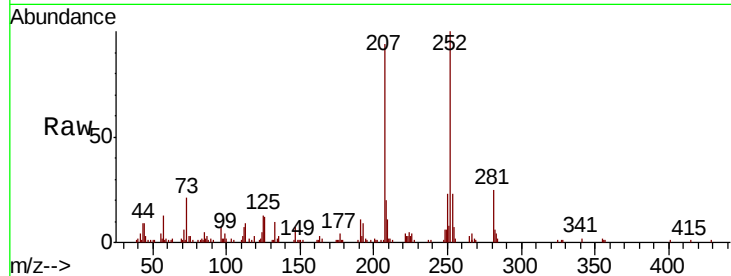
#88
Benzo(b)fluoranthene
Concen: 3.805 ng/ul
RT: 22.47 min Scan# 3313
Delta R.T. 0.01 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Instrument :
BNA_N
ClientSampleId :
DBD18ME

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	12.6	8.0	12.0

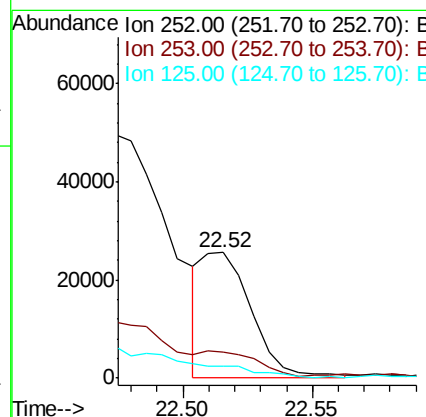
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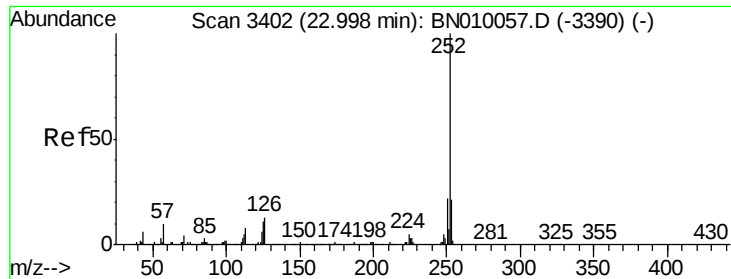
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#89
Benzo(k)fluoranthene
Concen: 1.327 ng/ul m
RT: 22.52 min Scan# 3320
Delta R.T. 0.01 min
Lab File: BN010063.D
Acq: 03 Mar 2020 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.0	27.0
125	10.0	8.2	12.2





#91
 Benzo(a)pyrene
 Concen: 1.558 ng/ul
 RT: 23.00 min Scan# 3402
 Delta R.T. -0.00 min
 Lab File: BN010063.D
 Acq: 03 Mar 2020 15:52

Instrument :
 BNA_N
 ClientSampleId :
 DBD18ME

Tot Ion:	252	Resp:	37566
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	17.2	9.0	13.6#

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