

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022620\
 Data File : BN009976.D
 Acq On : 27 Feb 2020 22:29
 Operator : CG/JU
 Sample : L1582-07DL3 300X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBDJ9DL3

Manual Integrations
 APPROVED

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Quant Time: Feb 28 03:30:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	25679m	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	110067	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	68544	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	144731	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	128525	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	134721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Ovalue	
28) Naphthalene	10.17	128	448896	75.630	ng/ul	99
34) 2-Methylnaphthalene	11.83	142	33065	8.023	ng/ul#	77
50) Acenaphthene	14.09	153	20083	4.489	ng/ul#	81
54) Dibenzofuran	14.46	168	13940	2.220	ng/ul	87
59) Fluorene	15.11	166	7394	1.403	ng/ul#	97
70) Phenanthrene	16.83	178	9523	1.153	ng/ul#	91
75) Carbazole	17.23	167	12590m	1.693	ng/ul	

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

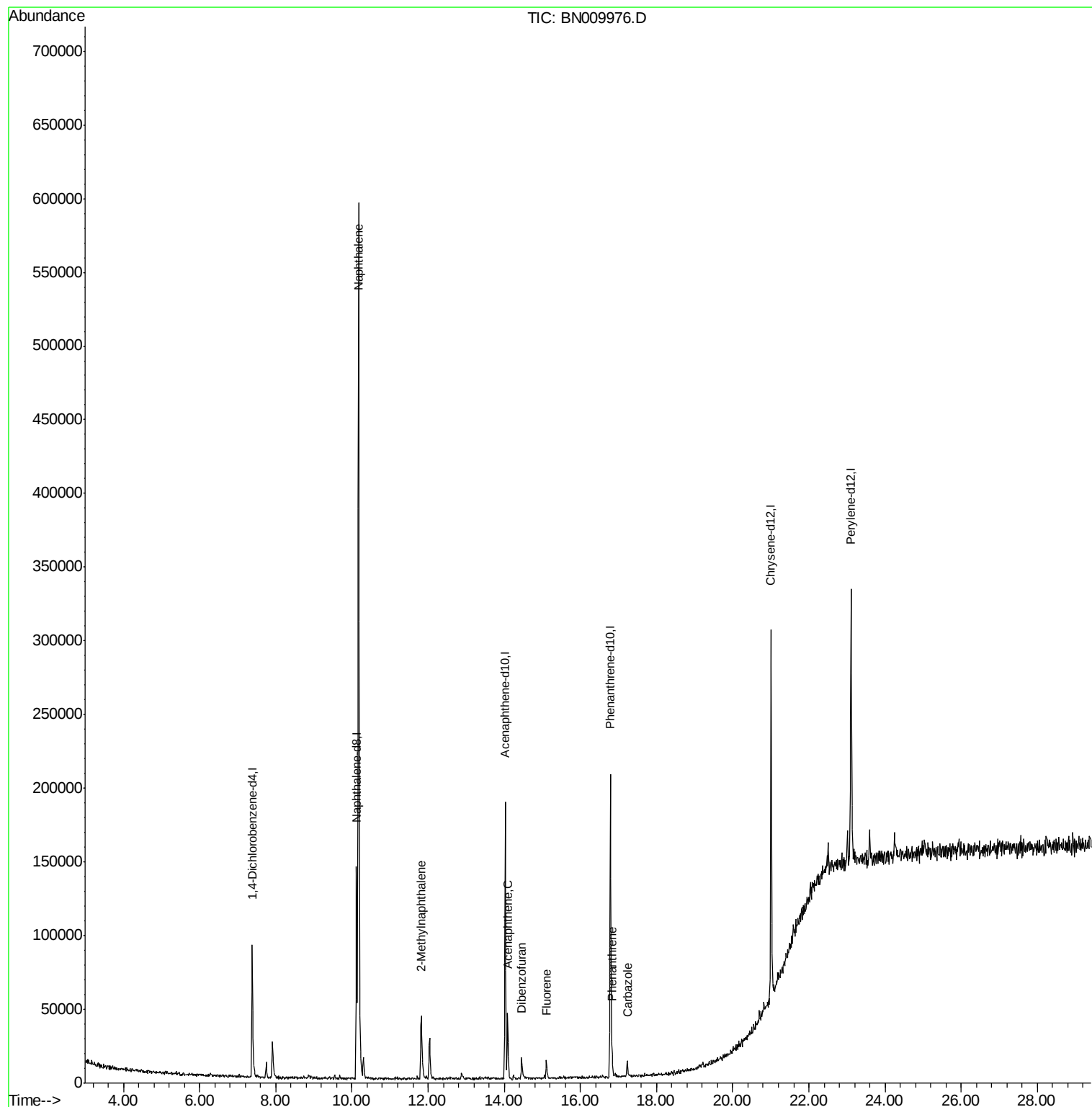
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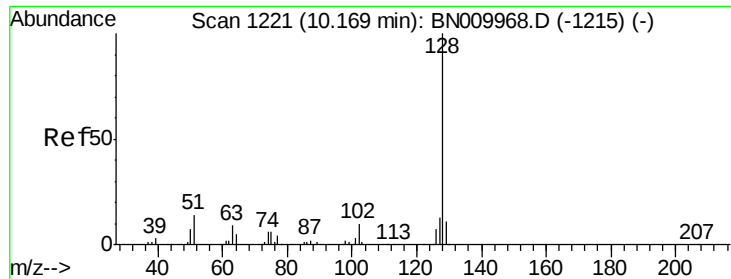
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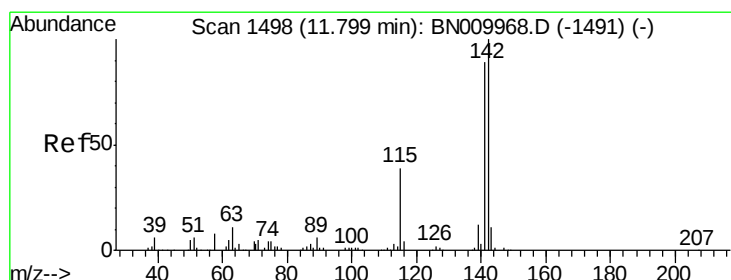
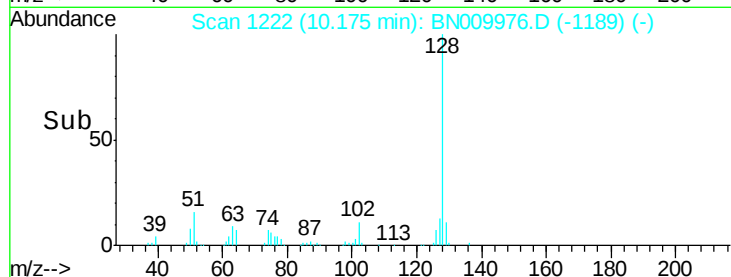
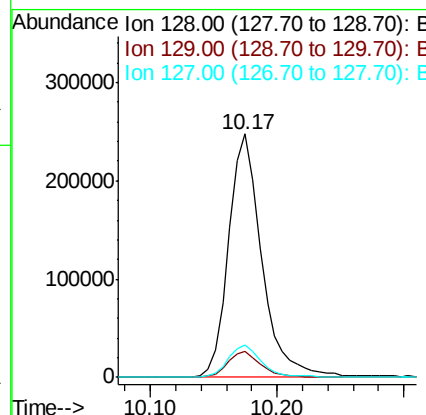
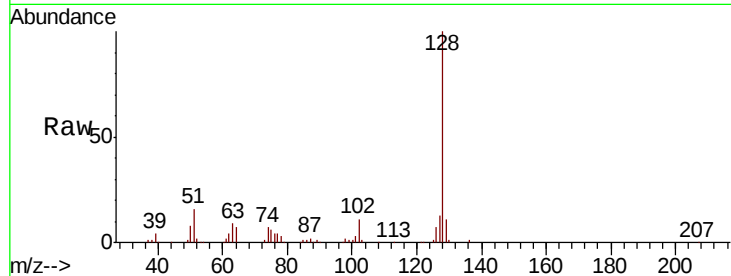
#28
Naphthalene
Concen: 75.630 ng/ul
RT: 10.17 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BN009976.D
Acq: 27 Feb 2020 22:29

Instrument :
BNA_N
ClientSampleId :
DBDJ9DL3

Tot Ion	Ratio	Resp	Lower	Upper
128	100	448896		
129	10.7		8.6	13.0
127	13.2		10.3	15.5

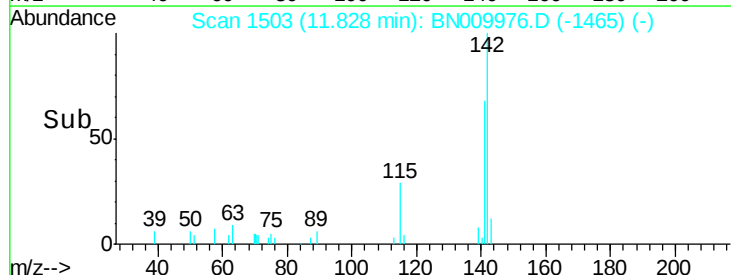
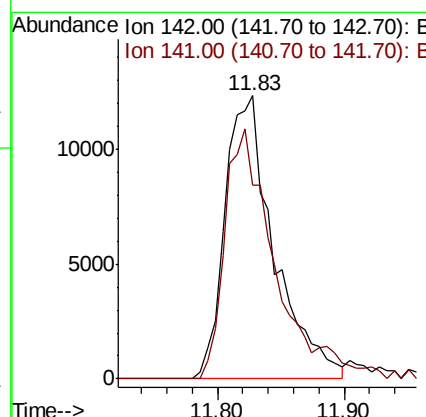
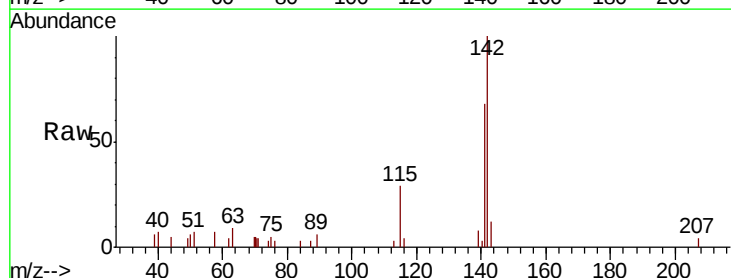
Manual Integrations
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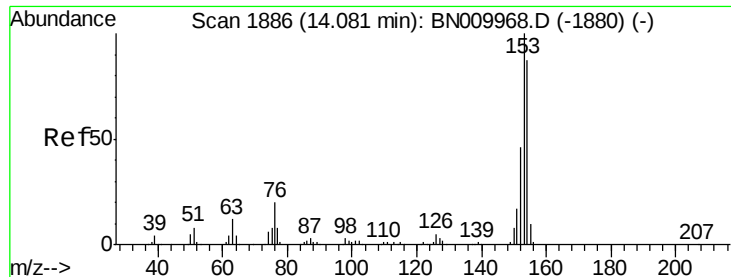
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#34
2-Methylnaphthalene
Concen: 8.023 ng/ul
RT: 11.83 min Scan# 1503
Delta R.T. 0.02 min
Lab File: BN009976.D
Acq: 27 Feb 2020 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	33065		
141	68.4		72.1	108.1#





#50

Acenaphthene

Concen: 4.489 ng/ul

RT: 14.09 min Scan# 1888

Delta R.T. 0.01 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL3

Tot Ion:153 Resp: 20083

Ion Ratio Lower Upper

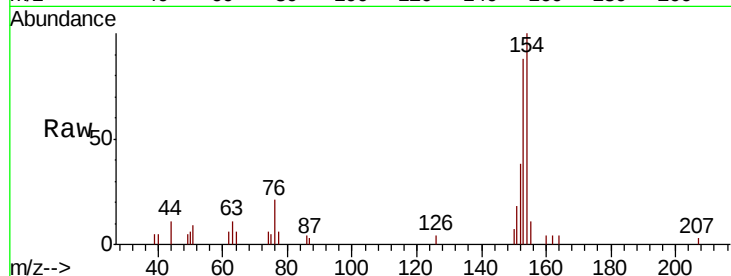
153 100

152 43.6 36.6 54.8

154 113.5 70.6 106.0#

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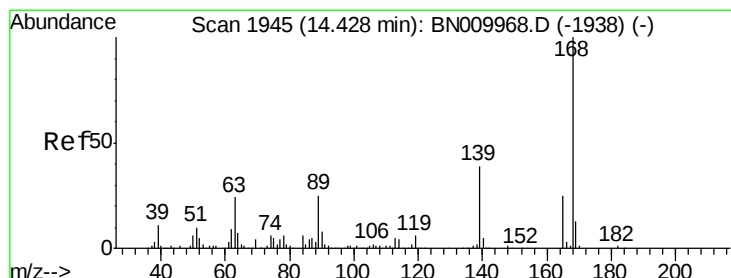
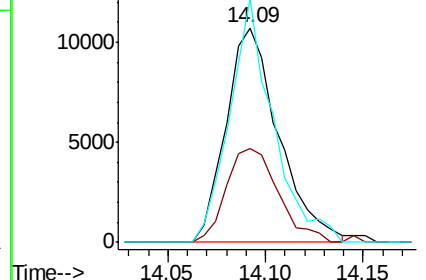
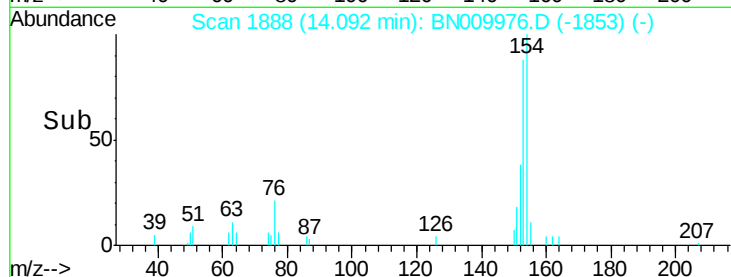
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.220 ng/ul

RT: 14.46 min Scan# 1951

Delta R.T. 0.04 min

Lab File: BN009976.D

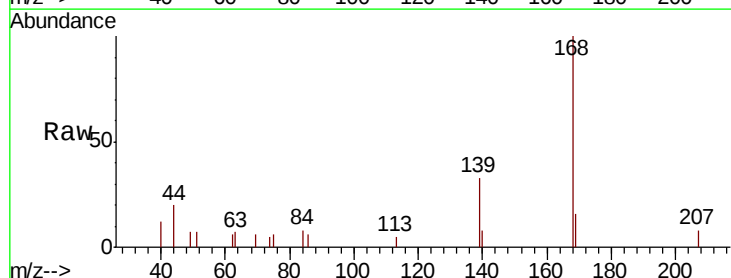
Acq: 27 Feb 2020 22:29

Tgt Ion:168 Resp: 13940

Ion Ratio Lower Upper

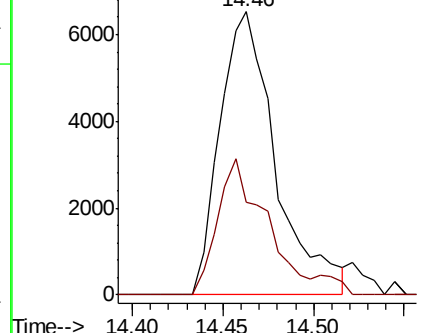
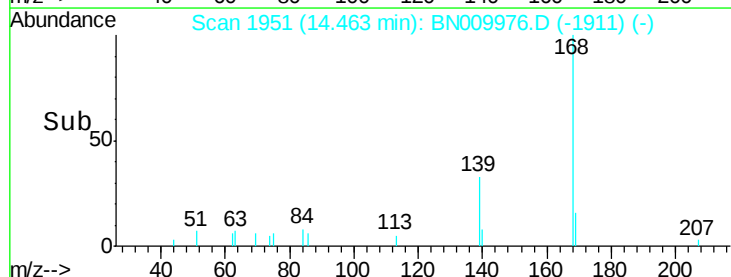
168 100

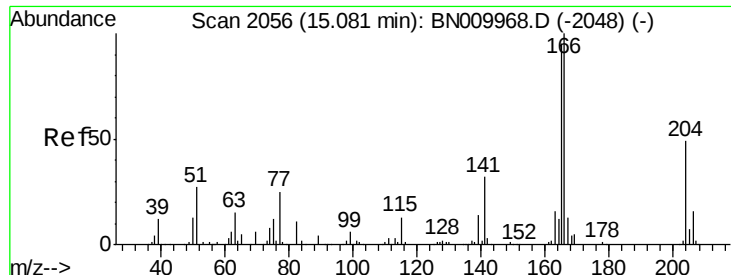
139 32.9 32.7 49.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





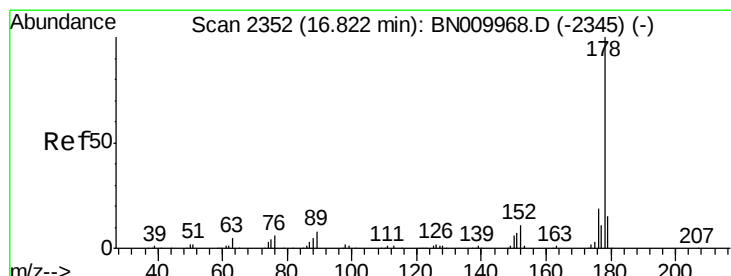
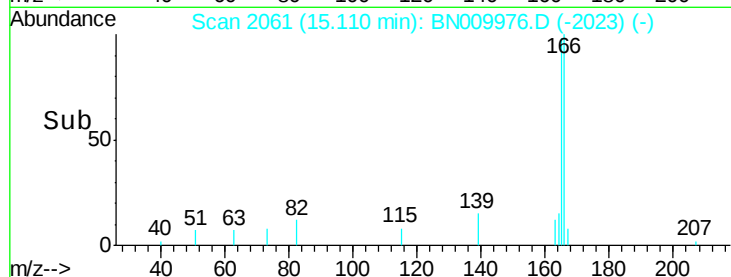
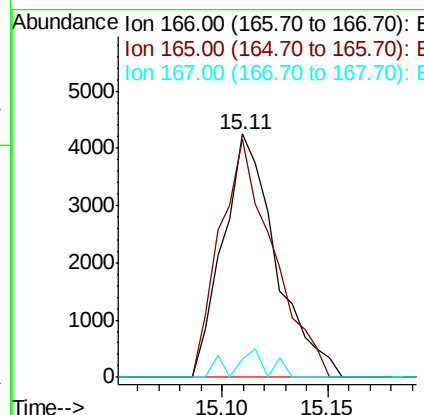
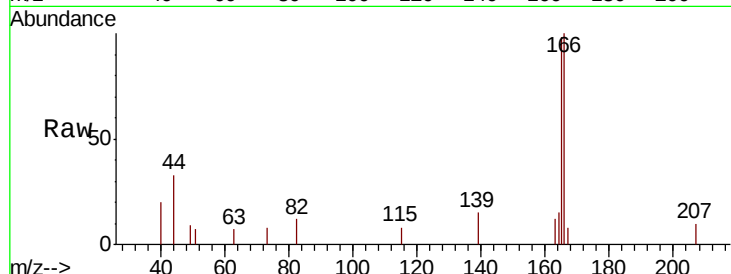
#59
Fluorene
 Concen: 1.403 ng/ul
 RT: 15.11 min Scan# 2061
 Delta R.T. 0.02 min
 Lab File: BN009976.D
 Acq: 27 Feb 2020 22:29

Instrument :
 BNA_N
 ClientSampleId :
 DBDJ9DL3

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.8	119.8
167	7.7	10.7	16.1#

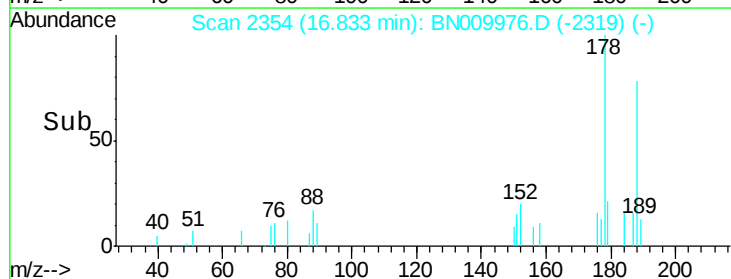
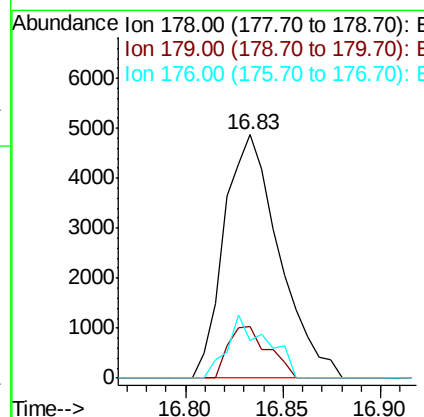
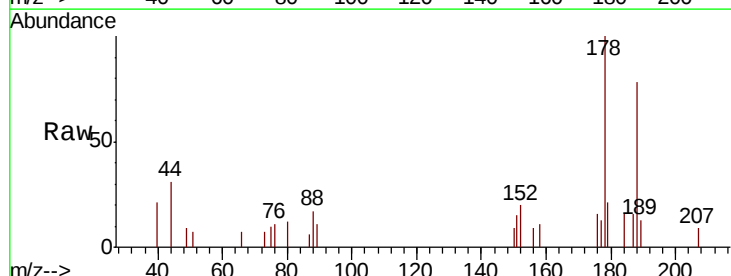
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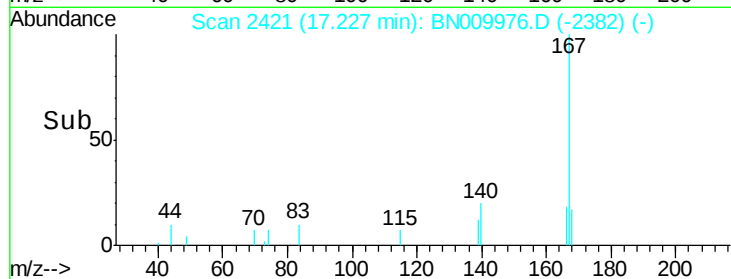
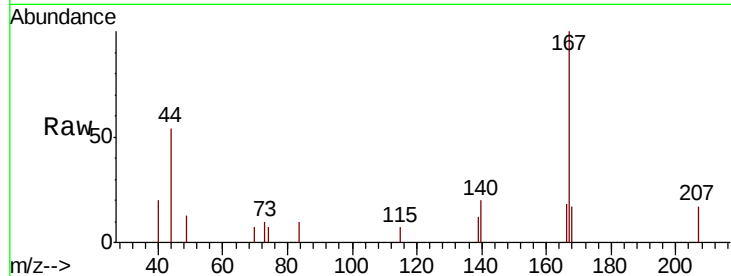
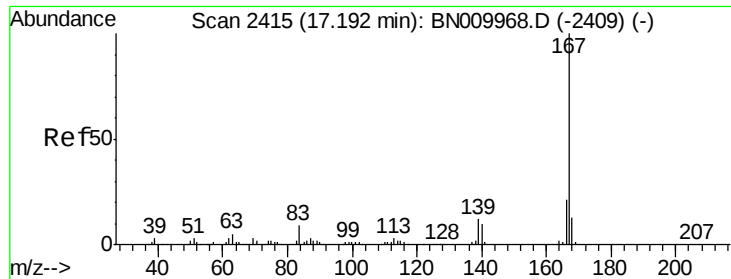
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#70
Phenanthrene
 Concen: 1.153 ng/ul
 RT: 16.83 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BN009976.D
 Acq: 27 Feb 2020 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.5	18.7#
176	15.6	14.6	22.0





#75

Carbazole

Concen: 1.693 ng/ul m

RT: 17.23 min Scan# 2421

Delta R.T. 0.03 min

Lab File: BN009976.D

Acq: 27 Feb 2020 22:29

Instrument :

BNA_N

ClientSampleId :

DBDJ9DL3

Tot Ion:167 Resp: 12590

Ion Ratio Lower Upper

167 100

166 18.2 16.6 24.8

139 11.7 9.9 14.9

Manual Integrations

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