

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018062.D
 Acq On : 16 Dec 2021 15:01
 Operator : CG/JU
 Sample : M5037-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C00W3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/17/2021
 Supervised By :mohammad ahmed 12/24/2021

Quant Time: Dec 17 02:12:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.662	152	5289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	17344	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.308	164	11321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.053	188	26234	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.263	240	21884	0.400	ng/ul	# 0.00
23) Perylene-d12	23.528	264	25100	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	24331	4.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.053	152	6915	0.342	ng/ul	-0.01
18) Fluoranthene-d10	19.091	212	24817	0.398	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.497	128	50288	1.058	ng/ul	96
7) 2-Methylnaphthalene	12.124	142	12356	0.462	ng/ul	99
8) 1-Methylnaphthalene	12.344	142	10999	0.355	ng/ul	99
10) Acenaphthylene	14.021	152	3028	0.066	ng/ul#	93
11) Acenaphthene	14.368	153	17559	0.431	ng/ul	98
12) Fluorene	15.358	166	26821	0.597	ng/ul	99
15) Phenanthrene	17.095	178	57783	0.635	ng/ul	99
16) Anthracene	17.184	178	11483	0.160	ng/ul	96
19) Fluoranthene	19.119	202	28693	0.325	ng/ul	98
20) Pyrene	19.481	202	21513m	0.218	ng/ul	
21) Benzo(a)anthracene	21.245	228	1992	0.031	ng/ul#	88
22) Chrysene	21.298	228	1883	0.020	ng/ul#	83

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

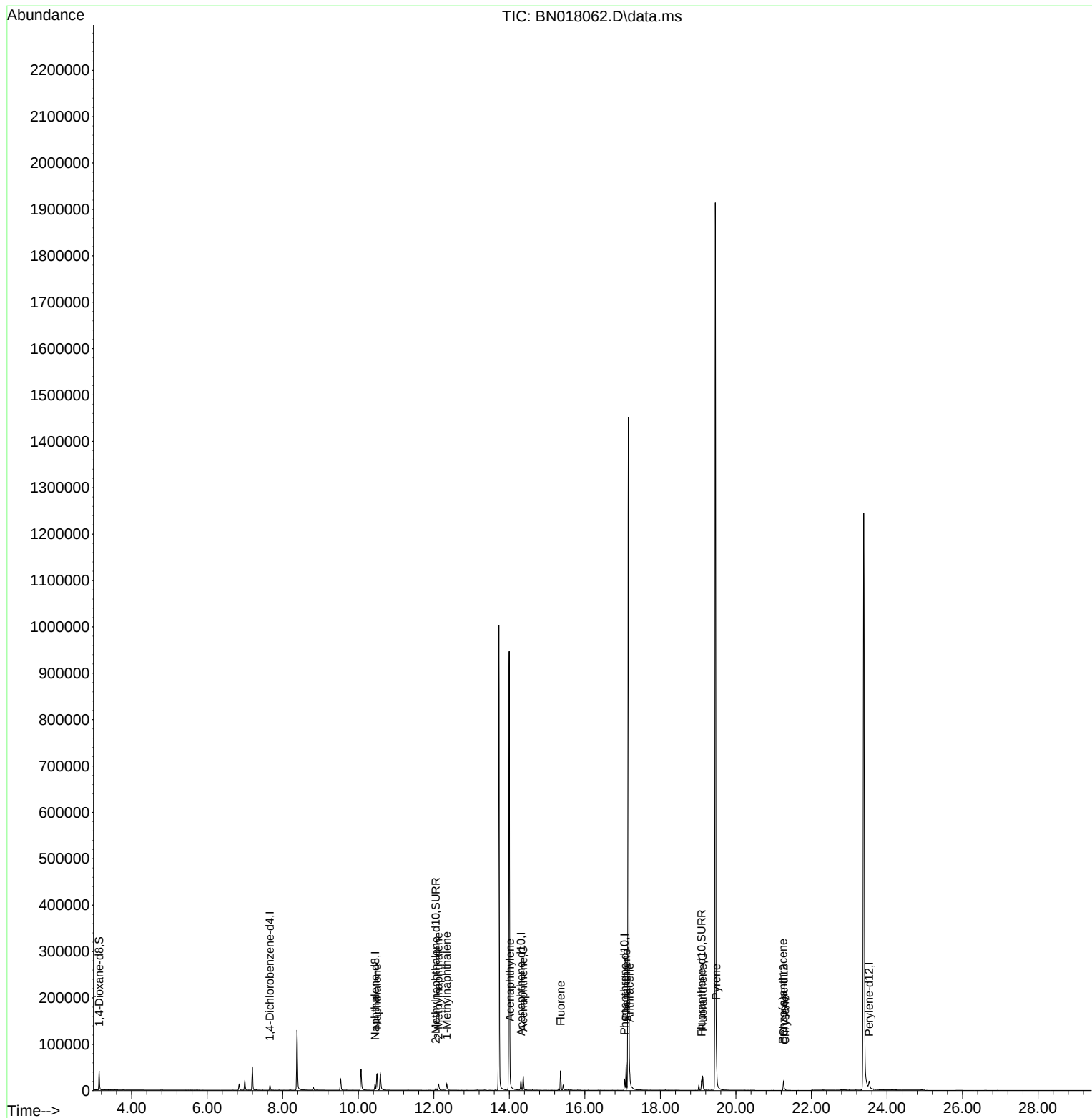
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018062.D
Acq On : 16 Dec 2021 15:01
Operator : CG/JU
Sample : M5037-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

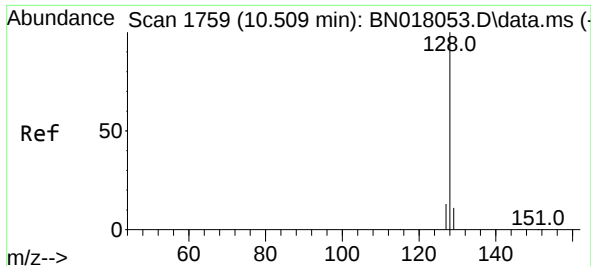
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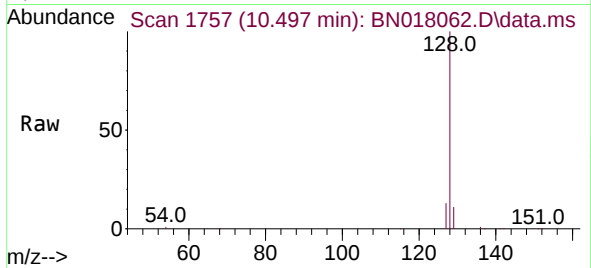
Quant Time: Dec 17 02:12:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 17:47:27 2021
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#5
Naphthalene
Concen: 1.058 ng/ul
RT: 10.497 min Scan# 1757
Delta R.T. -0.013 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

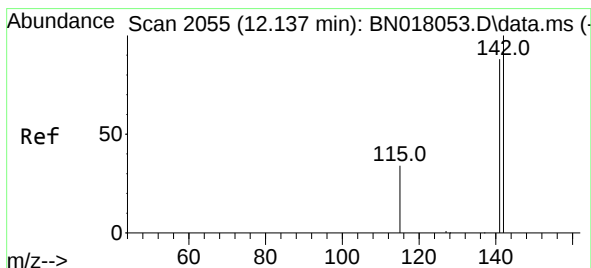
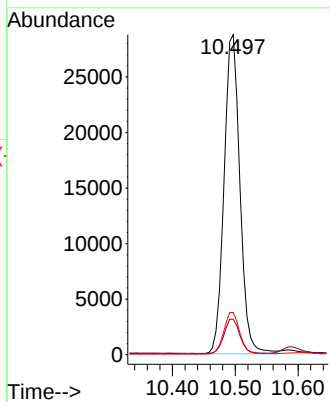
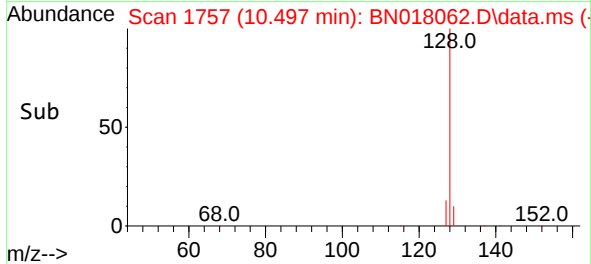
Instrument :
BNA_N
ClientSampleId :
C00W3



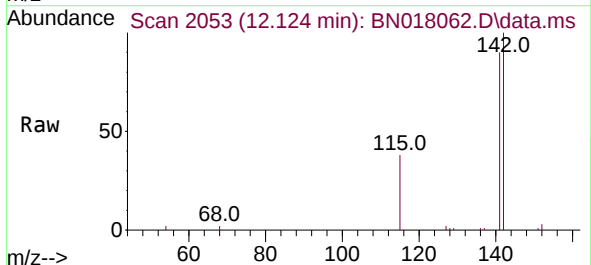
Tgt Ion:128 Resp: 5028
Ion Ratio Lower Upper
128 100
129 11.1 10.4 15.6
127 13.2 11.8 17.6

Manual Integrations
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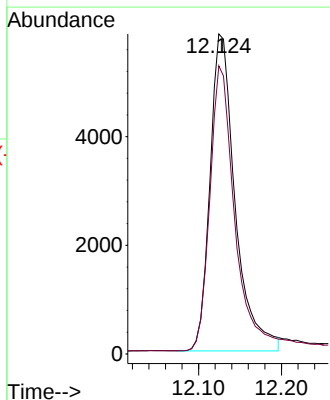
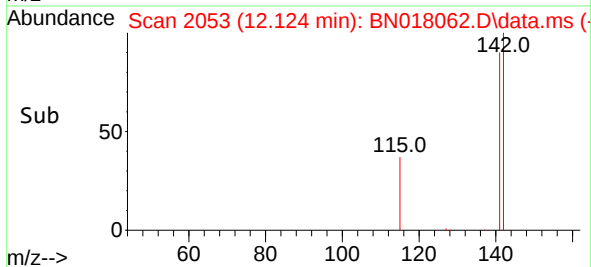
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :mohammad ahmed 12/24/2021

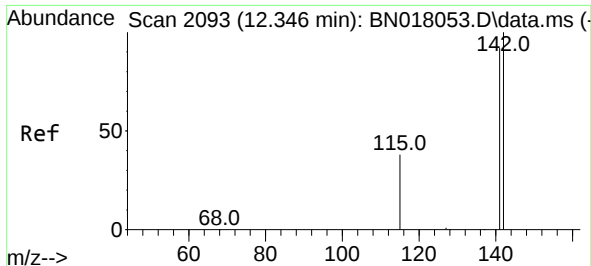


#7
2-Methylnaphthalene
Concen: 0.462 ng/ul
RT: 12.124 min Scan# 2053
Delta R.T. -0.013 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01



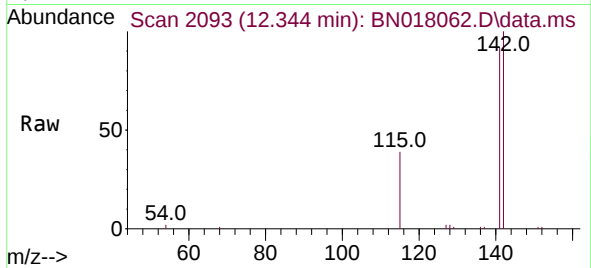
Tgt Ion:142 Resp: 12356
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3





#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.344 min Scan# 2093
Delta R.T. -0.007 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

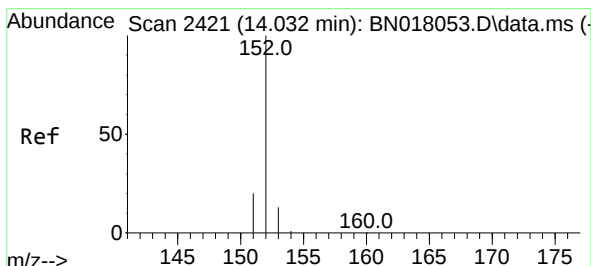
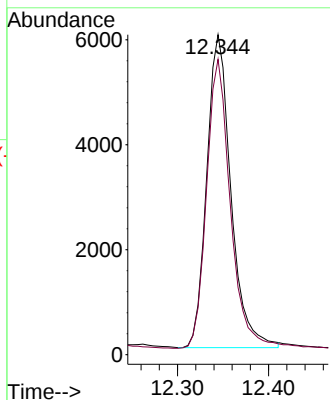
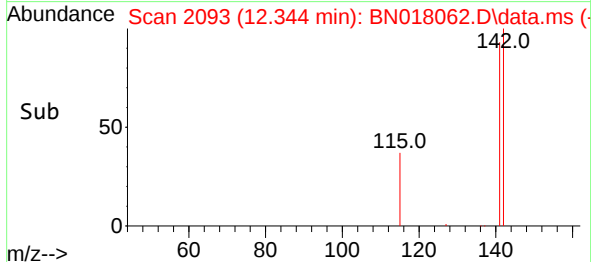
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 1099
Ion Ratio Lower Upper
142 100
141 90.6 73.3 109.9

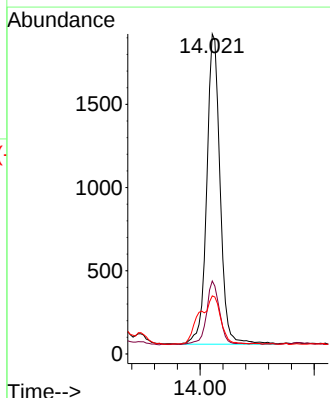
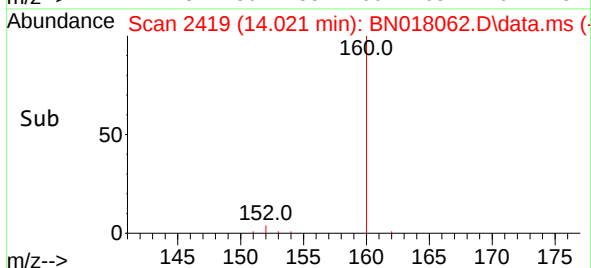
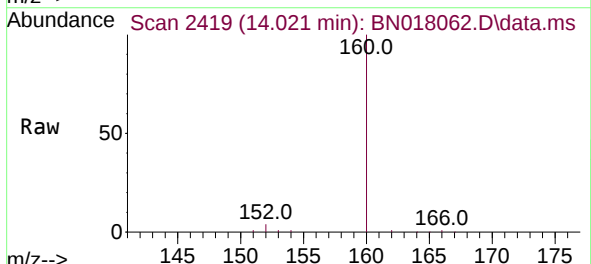
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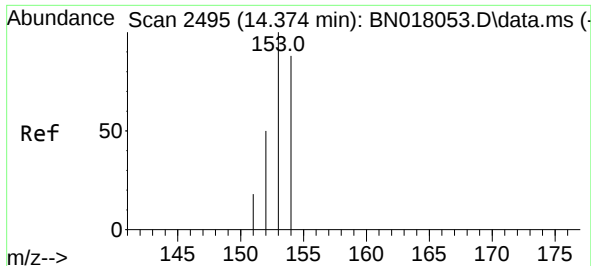
Reviewed By :Jagrut Upadhyay 12/17/2021
Supervised By :mohammad ahmed 12/24/2021



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.021 min Scan# 2419
Delta R.T. -0.011 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

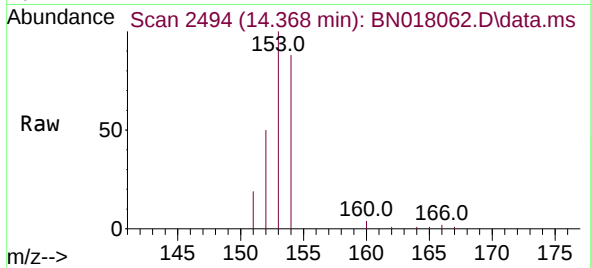
Tgt Ion:152 Resp: 3028
Ion Ratio Lower Upper
152 100
151 22.8 16.4 24.6
153 18.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.368 min Scan# 2495
Delta R.T. -0.006 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

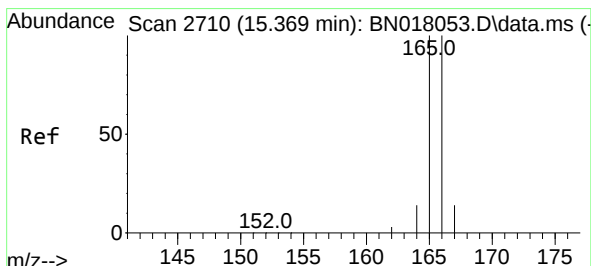
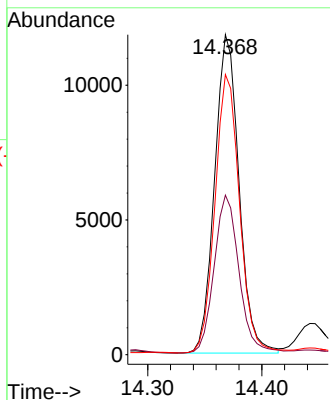
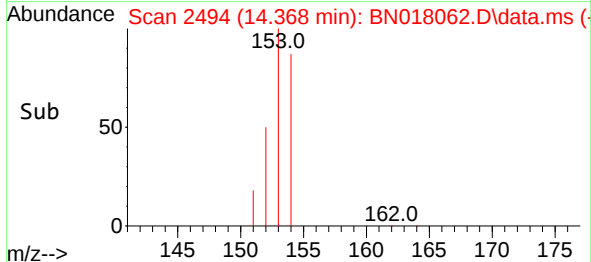
Instrument :
BNA_N
ClientSampleId :
C00W3



Tgt Ion:153 Resp: 17559
Ion Ratio Lower Upper
153 100
152 49.9 38.3 57.5
154 87.5 71.1 106.7

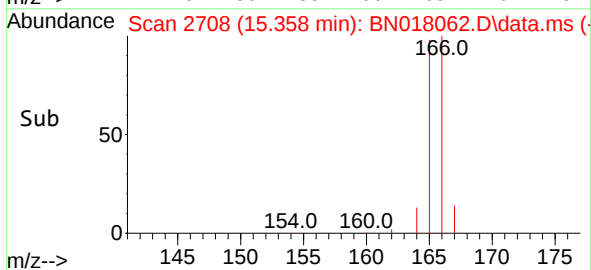
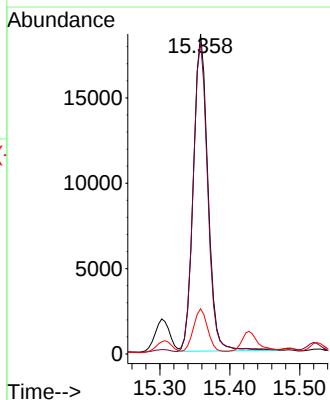
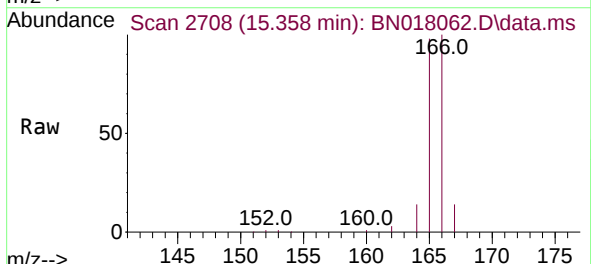
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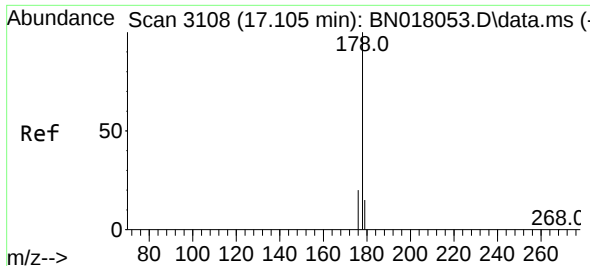
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#12
Fluorene
Concen: 0.597 ng/ul
RT: 15.358 min Scan# 2708
Delta R.T. -0.016 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

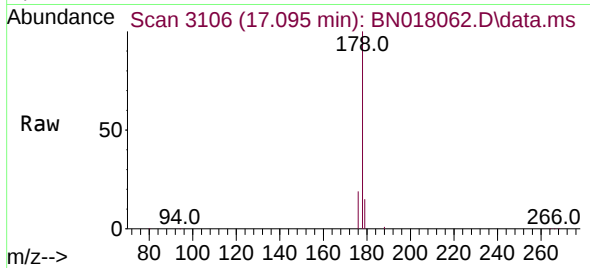
Tgt Ion:166 Resp: 26821
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 14.1 11.2 16.8





#15
Phenanthrene
Concen: 0.635 ng/ul
RT: 17.095 min Scan# 3106
Delta R.T. -0.014 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

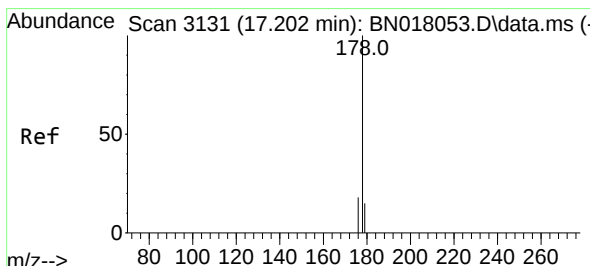
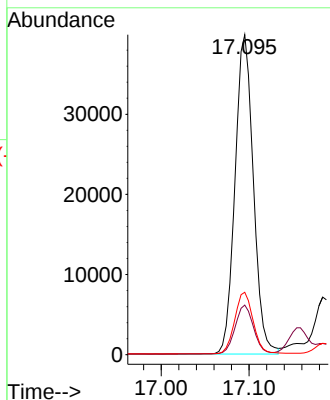
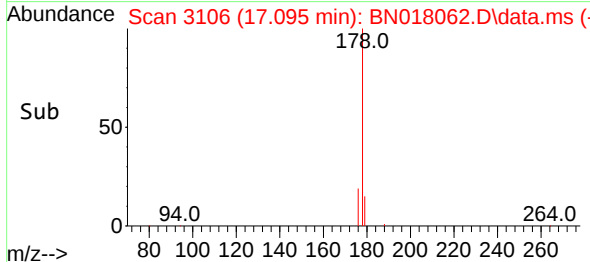
Instrument :
BNA_N
ClientSampleId :
C00W3



Tgt Ion:178 Resp: 5778
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.5 15.6 23.4

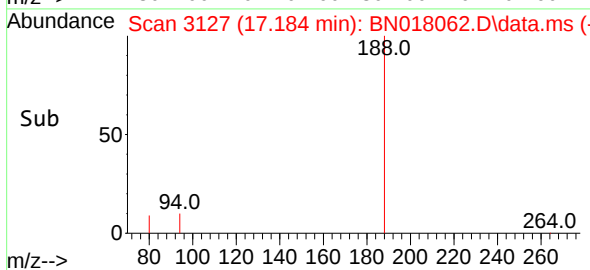
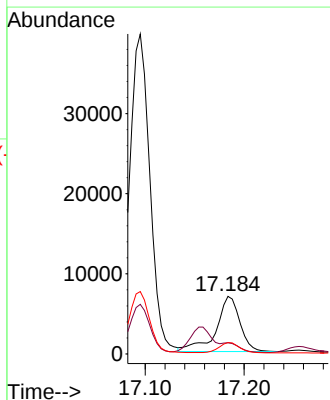
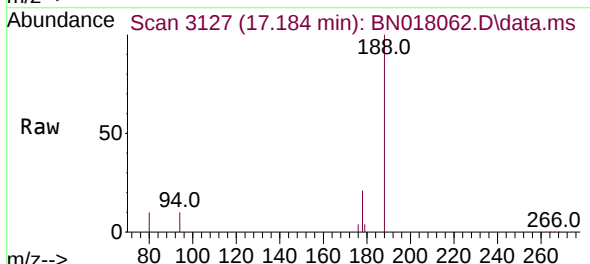
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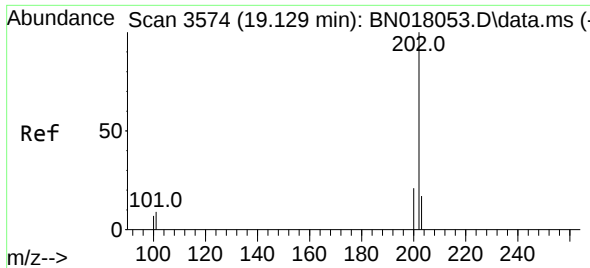
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Supervised By :mohammad ahmed 12/24/2021



#16
Anthracene
Concen: 0.160 ng/ul
RT: 17.184 min Scan# 3127
Delta R.T. -0.023 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

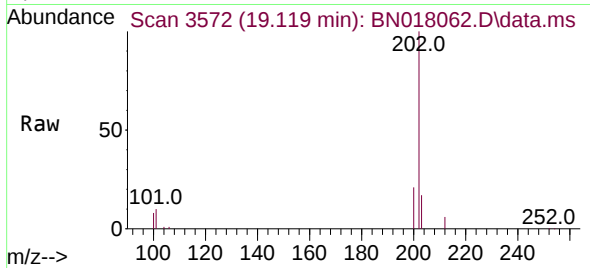
Tgt Ion:178 Resp: 11483
Ion Ratio Lower Upper
178 100
179 19.4 13.3 19.9
176 19.8 15.1 22.7





#19
Fluoranthene
Concen: 0.325 ng/ul
RT: 19.119 min Scan# 3572
Delta R.T. -0.011 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

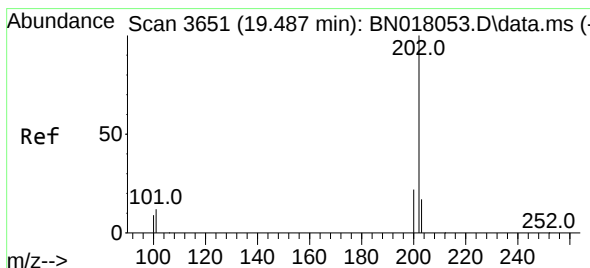
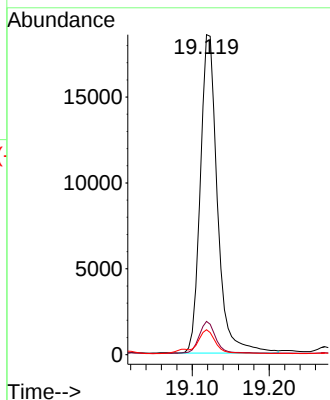
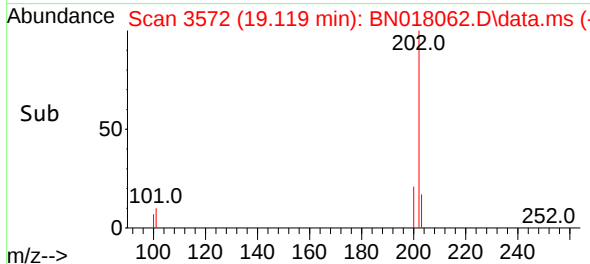
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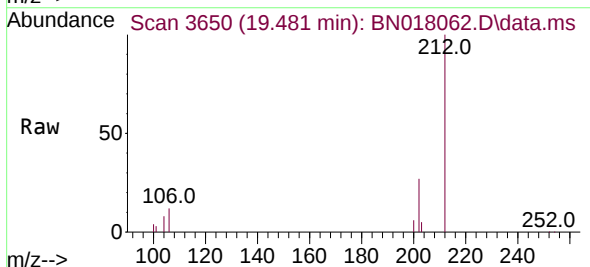
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Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.8 6.8 10.2

Manual Integrations
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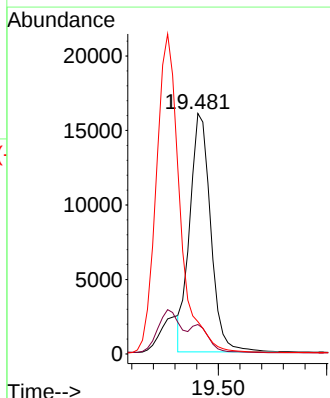
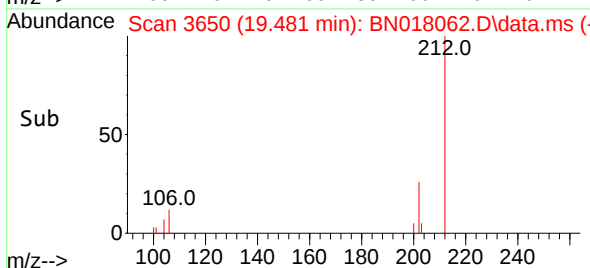
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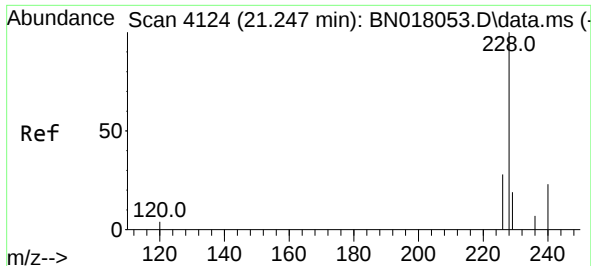


#20
Pyrene
Concen: 0.218 ng/ul m
RT: 19.481 min Scan# 3650
Delta R.T. -0.011 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01



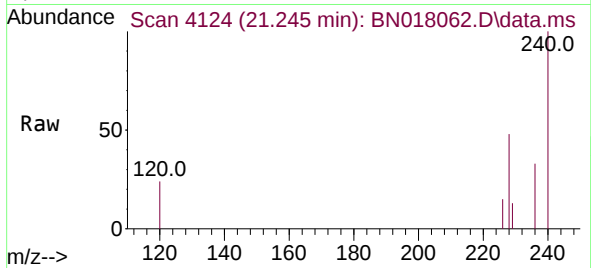
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Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.2
100 13.4 9.4 14.0





#21
Benzo(a)anthracene
Concen: 0.031 ng/u1
RT: 21.245 min Scan# 4124
Delta R.T. -0.005 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

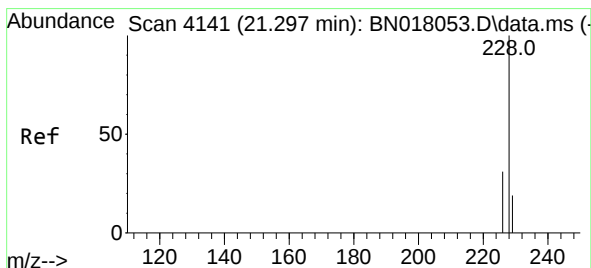
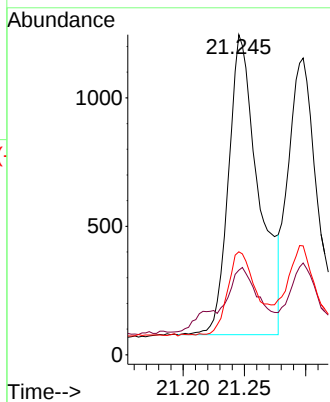
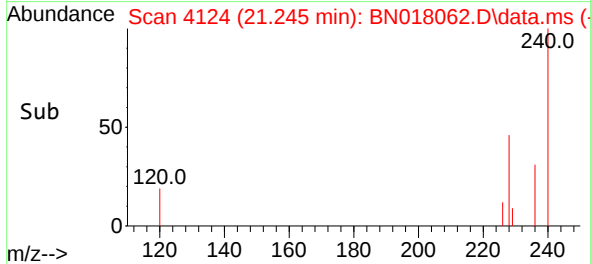
Instrument :
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Tgt Ion:228 Resp: 1992
Ion Ratio Lower Upper
228 100
229 26.4 15.8 23.6#
226 32.2 21.8 32.8#

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#22
Chrysene
Concen: 0.020 ng/u1
RT: 21.298 min Scan# 4142
Delta R.T. -0.002 min
Lab File: BN018062.D
Acq: 16 Dec 2021 15:01

Tgt Ion:228 Resp: 1883
Ion Ratio Lower Upper
228 100
226 36.7 23.9 35.9#
229 30.9 15.7 23.5#

