

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035666.D
 Acq On : 18 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5155-22
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 18 12:07:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	7779	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.940	164	5456	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	10885	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9049	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	9110m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	6987	2.816	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2253	0.203	ng/ul	-0.01
18) Fluoranthene-d10	18.768	212	6140	0.232	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	587m	0.031	ng/ul	
7) 2-Methylnaphthalene	11.703	142	829	0.065	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	288	0.022	ng/ul	96
12) Fluorene	15.008	166	904	0.049	ng/ul#	73
15) Phenanthrene	16.755	178	4058	0.149	ng/ul#	15
16) Anthracene	16.844	178	1340	0.053	ng/ul#	7
19) Fluoranthene	18.796	202	4344	0.134	ng/ul#	76
20) Pyrene	19.163	202	11133	0.312	ng/ul#	88
21) Benzo(a)anthracene	20.944	228	1664	0.055	ng/ul#	1
22) Chrysene	20.979	228	7363	0.236	ng/ul#	42

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

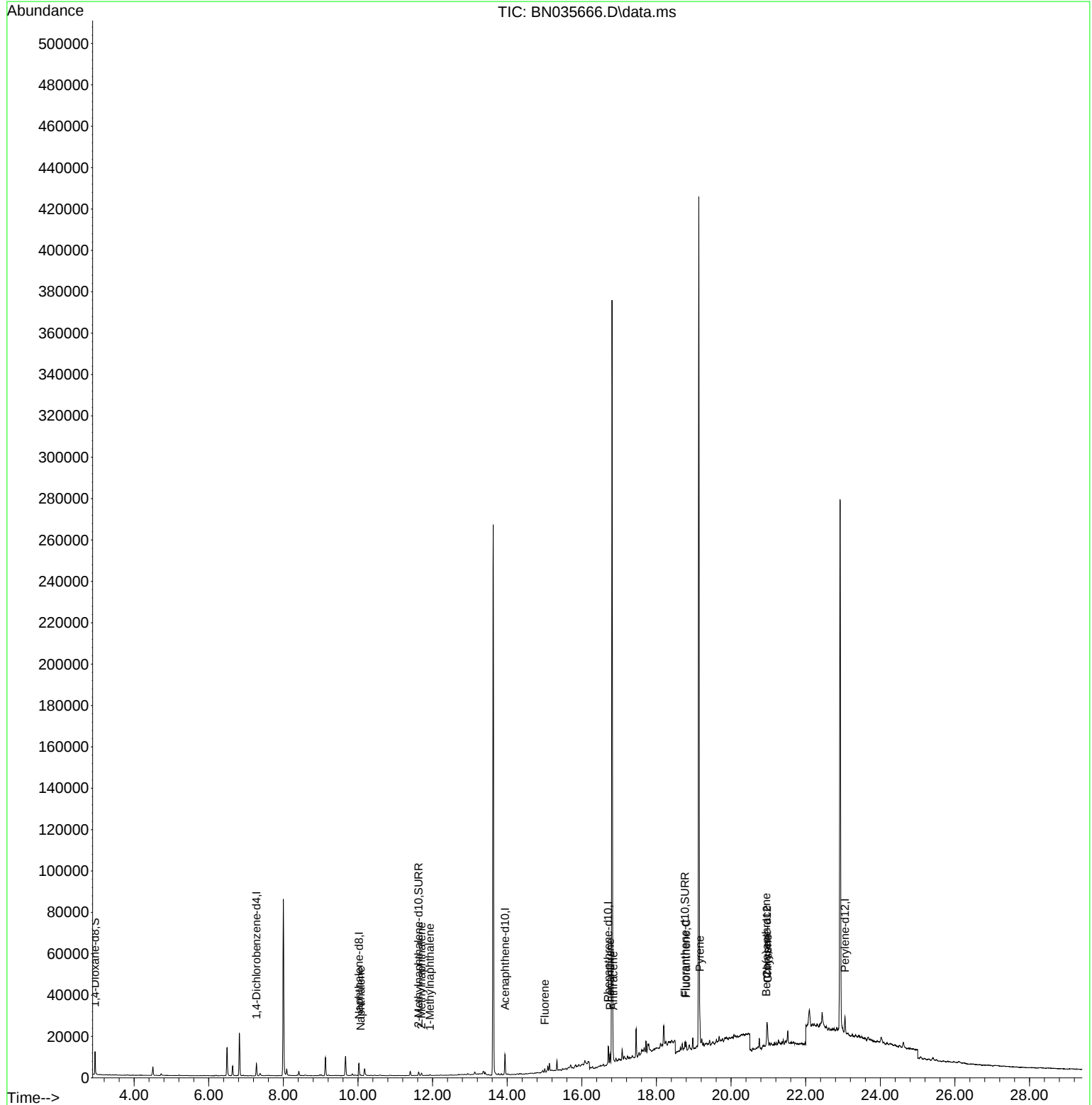
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035666.D
Acq On : 18 Dec 2024 11:29
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ALS Vial : 4 Sample Multiplier: 1

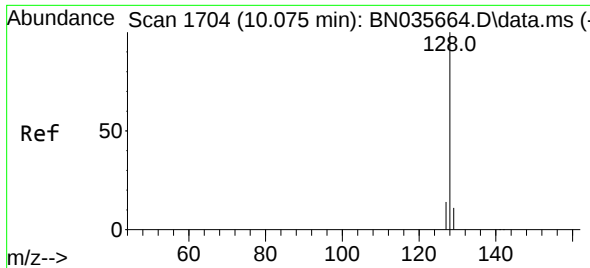
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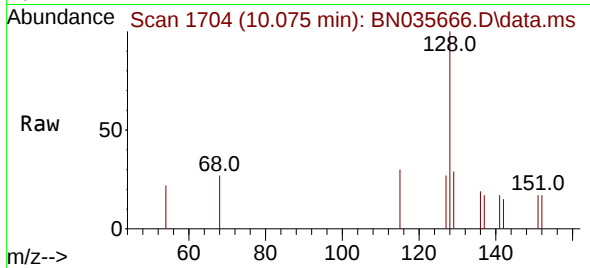
Quant Time: Dec 18 12:07:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.031 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

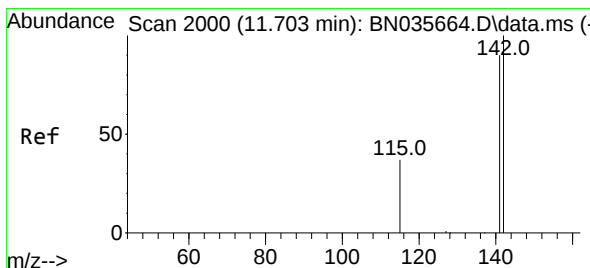
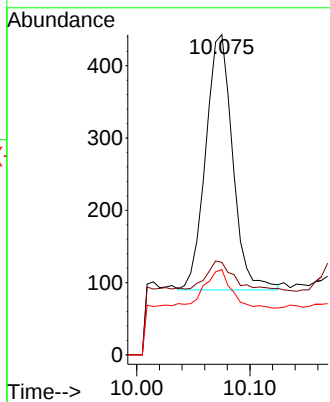
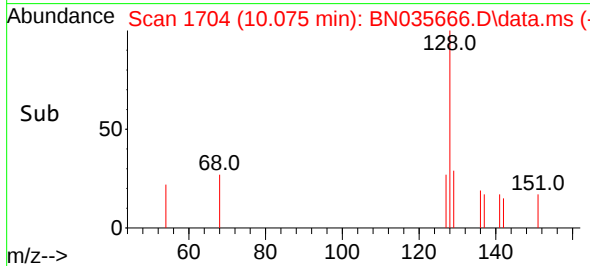
Instrument :
BNA_N
ClientSampleId :
E28W5



Tgt Ion:128 Resp: 587
Ion Ratio Lower Upper
128 100
129 28.9 10.8 16.2
127 26.6 12.0 18.0

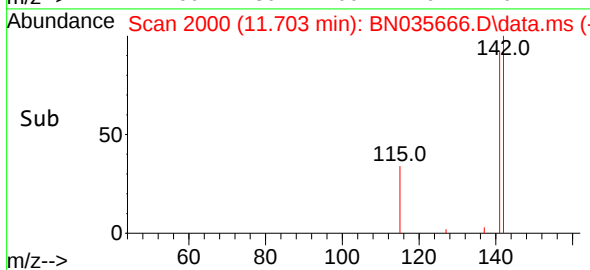
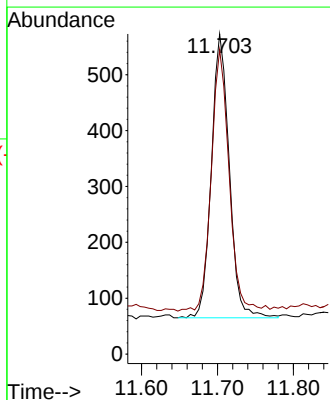
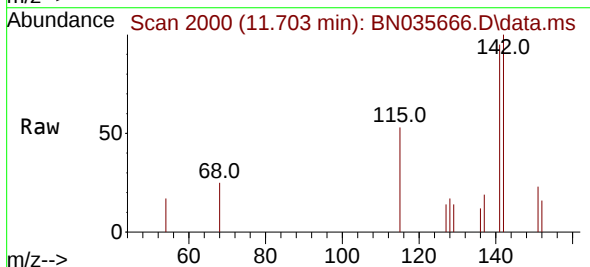
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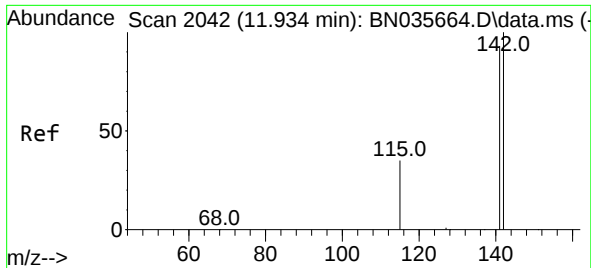
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.065 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

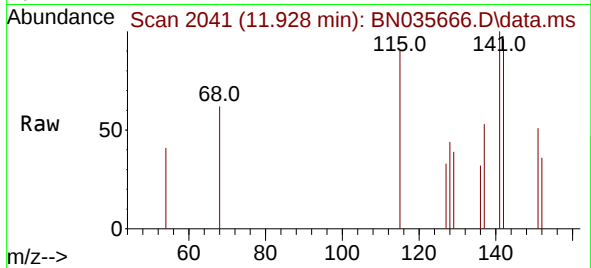
Tgt Ion:142 Resp: 829
Ion Ratio Lower Upper
142 100
141 92.3 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

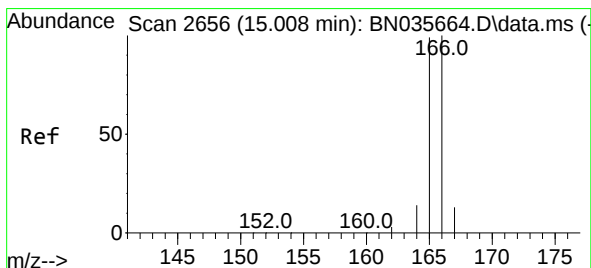
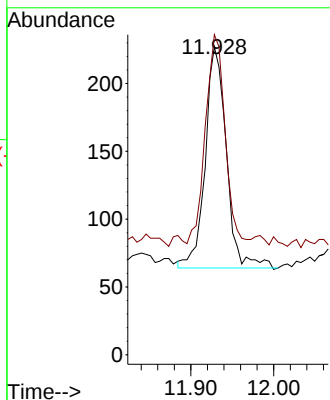
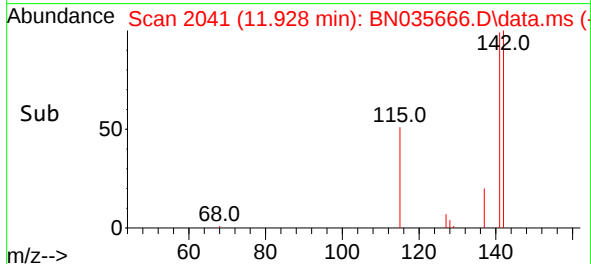
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
141 89.6 74.7 112.1

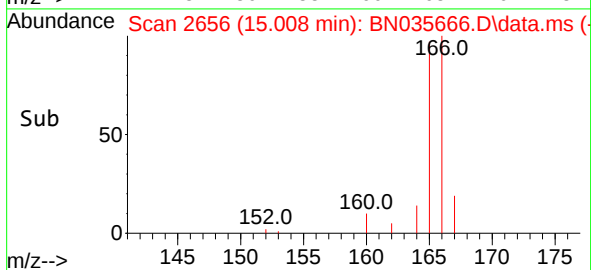
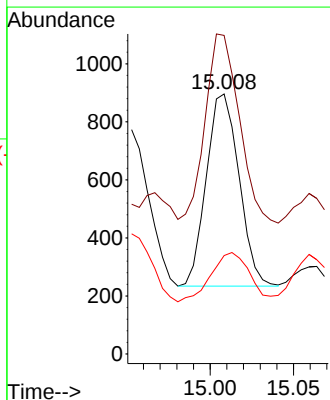
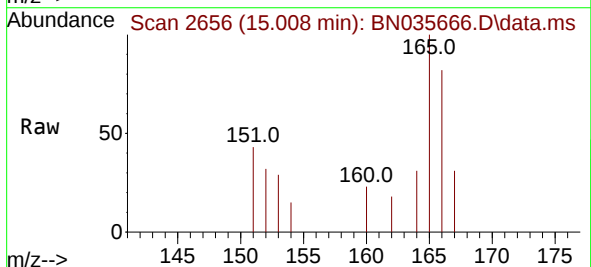
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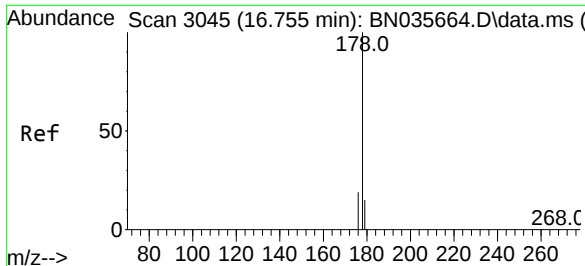
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Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

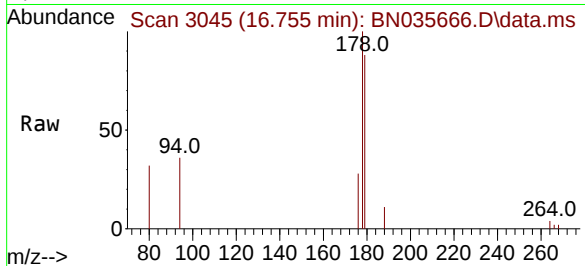
Tgt Ion:166 Resp: 904
Ion Ratio Lower Upper
166 100
165 122.5 79.5 119.3#
167 37.8 11.8 17.8#





#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

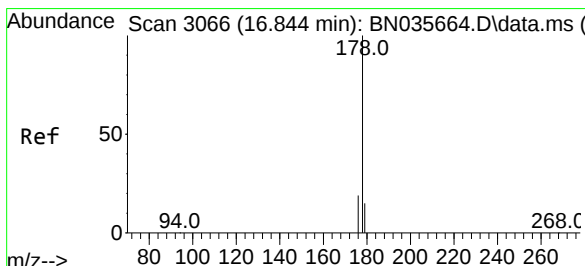
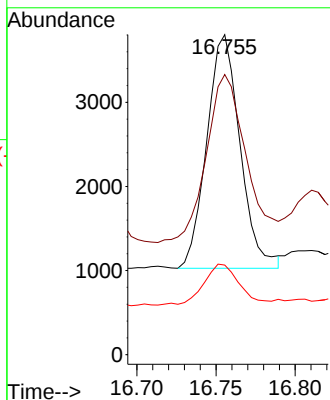
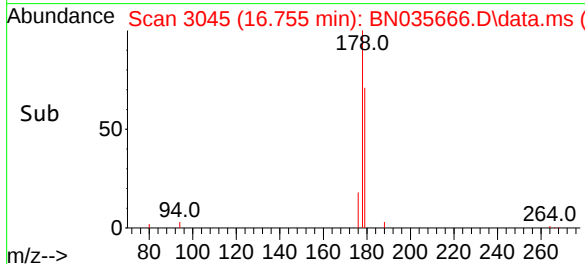
Instrument :
BNA_N
ClientSampleId :
E28W5



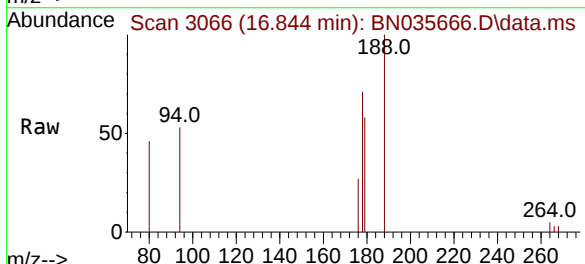
Tgt Ion:178 Resp: 4058
Ion Ratio Lower Upper
178 100
179 87.6 13.3 19.9#
176 28.0 15.8 23.8#

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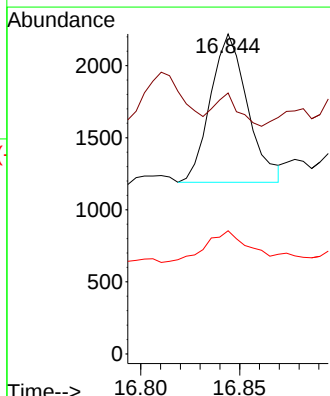
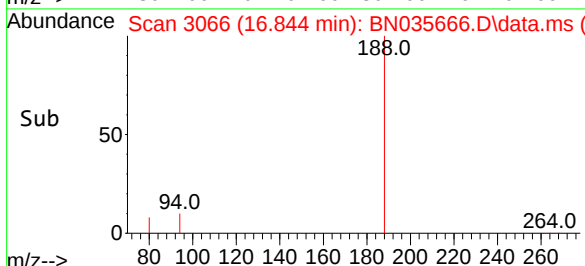
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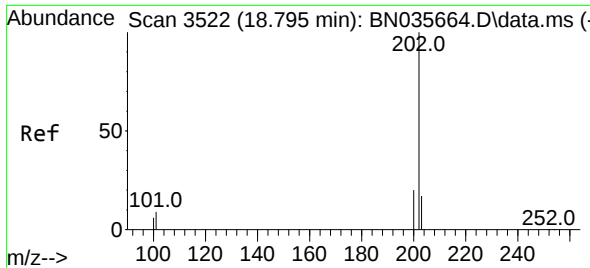


#16
Anthracene
Concen: 0.053 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29



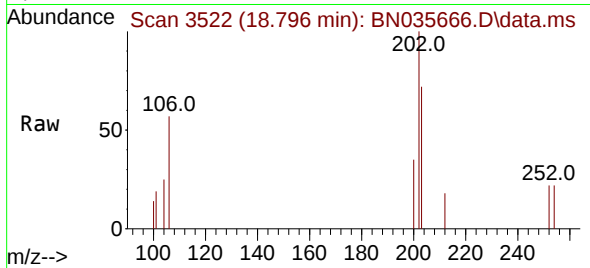
Tgt Ion:178 Resp: 1340
Ion Ratio Lower Upper
178 100
179 81.5 13.4 20.0#
176 38.5 15.4 23.0#





#19
Fluoranthene
Concen: 0.134 ng/u1
RT: 18.796 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

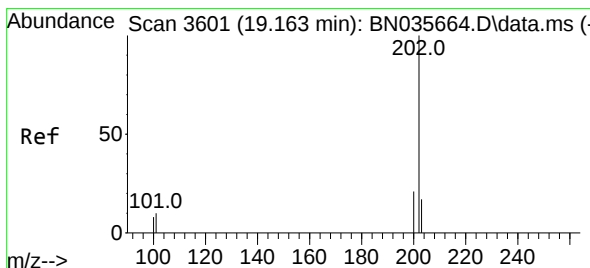
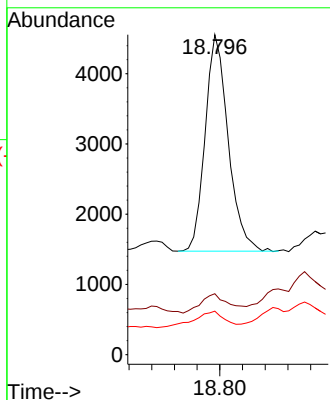
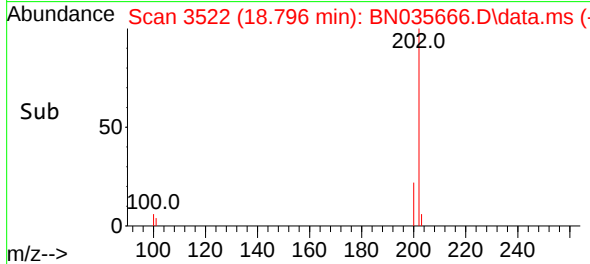
Instrument :
BNA_N
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E28W5



Tgt Ion:202 Resp: 4344
Ion Ratio Lower Upper
202 100
101 19.1 7.3 10.9#
100 13.6 5.4 8.0#

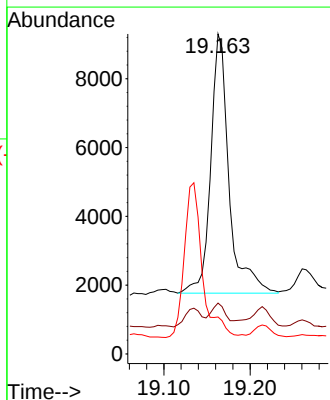
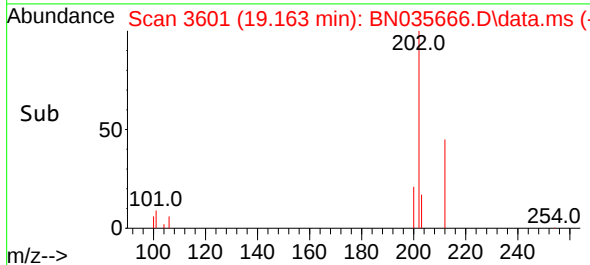
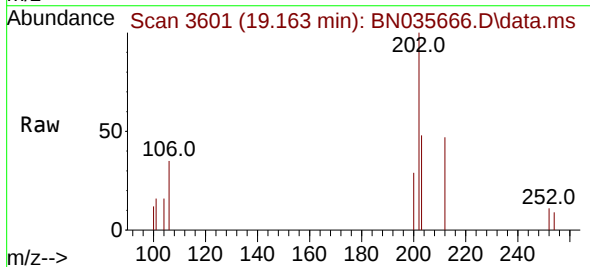
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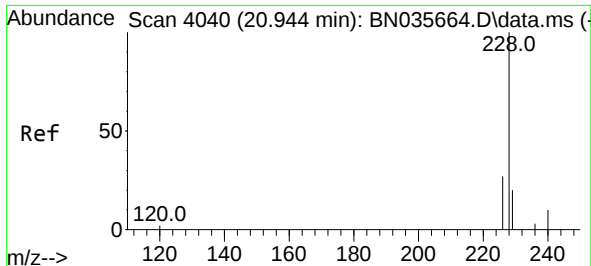
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.312 ng/u1
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

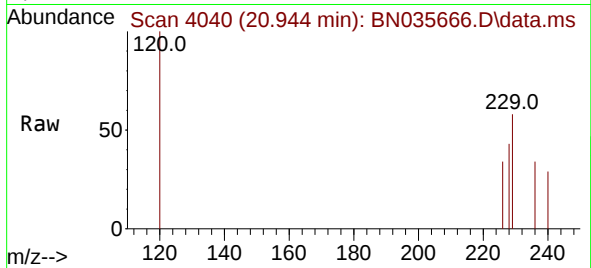
Tgt Ion:202 Resp: 11133
Ion Ratio Lower Upper
202 100
101 15.9 8.5 12.7#
100 11.5 6.5 9.7#





#21
Benzo(a)anthracene
Concen: 0.055 ng/u1
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

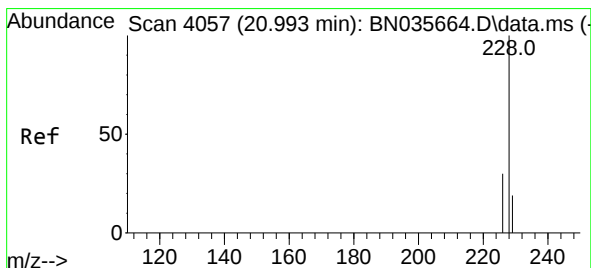
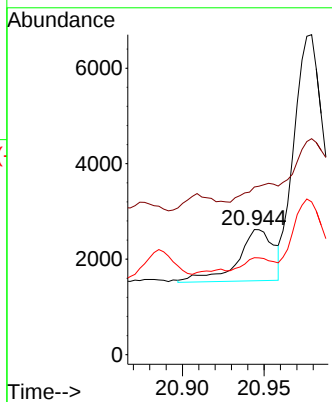
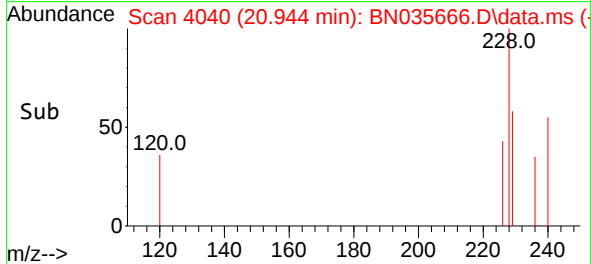
Instrument :
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Tgt Ion:228 Resp: 1664
Ion Ratio Lower Upper
228 100
229 134.0 16.6 25.0#
226 77.6 22.5 33.7#

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#22
Chrysene
Concen: 0.236 ng/u1
RT: 20.979 min Scan# 4052
Delta R.T. -0.020 min
Lab File: BN035666.D
Acq: 18 Dec 2024 11:29

Tgt Ion:228 Resp: 7363
Ion Ratio Lower Upper
228 100
226 47.7 25.1 37.7#
229 67.5 16.6 24.8#

