

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035558.D
 Acq On : 11 Dec 2024 07:42
 Operator : RC/JU
 Sample : P5066-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N3

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 08:04:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	2783	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	8287	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.953	164	6909	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	16.721	188	9097m	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	6081	0.400	ng/ul	# 0.00
23) Perylene-d12	23.054	264	6559m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	10057	3.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	3745	0.308	ng/ul	0.00
18) Fluoranthene-d10	18.772	212	5336	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	1006	0.048	ng/ul#	54
7) 2-Methylnaphthalene	11.714	142	6788	0.469	ng/ul#	61
8) 1-Methylnaphthalene	11.939	142	13038	0.892	ng/ul	91
10) Acenaphthylene	13.680	152	3678	0.134	ng/ul#	1
11) Acenaphthene	14.013	153	1670	0.080	ng/ul#	80
12) Fluorene	15.017	166	8373	0.340	ng/ul#	66
15) Phenanthrene	16.764	178	18205	0.757	ng/ul#	61
16) Anthracene	16.831	178	3076	0.138	ng/ul#	1
19) Fluoranthene	18.805	202	4000	0.189	ng/ul#	73
20) Pyrene	19.172	202	4278	0.194	ng/ul#	81
21) Benzo(a)anthracene	20.947	228	1418	0.067	ng/ul#	1
22) Chrysene	20.999	228	3124m	0.147	ng/ul	
24) Benzo(b)fluoranthene	22.442	252	2267m	0.105	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.084	276	1095m	0.041	ng/ul	
29) Benzo(g,h,i)perylene	25.701	276	1312m	0.062	ng/ul	

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

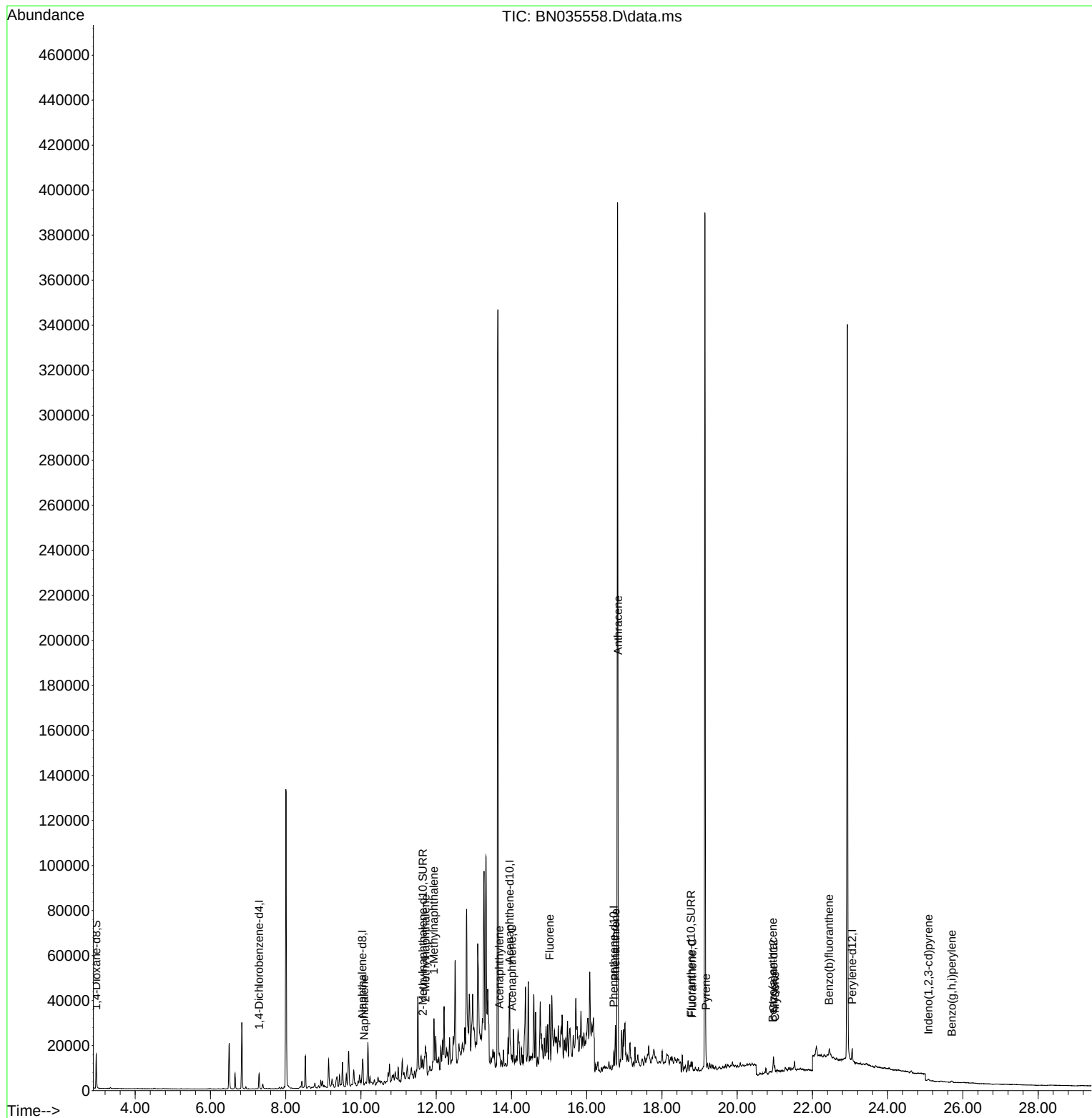
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035558.D
Acq On : 11 Dec 2024 07:42
Operator : RC/JU
Sample : P5066-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

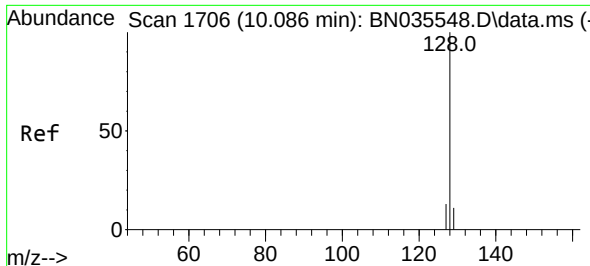
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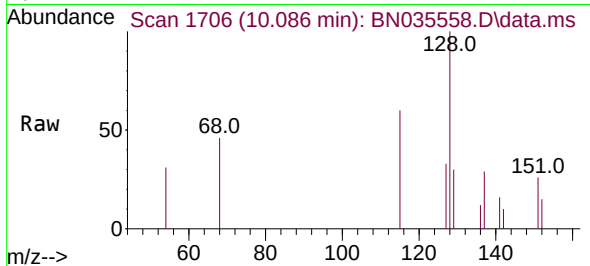
Quant Time: Dec 11 08:04:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

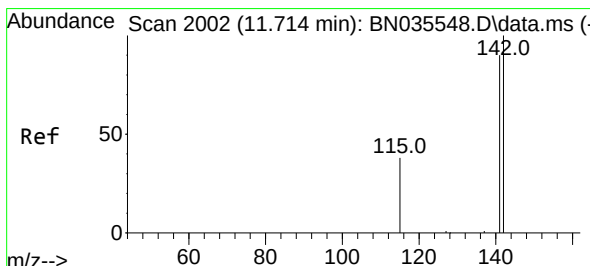
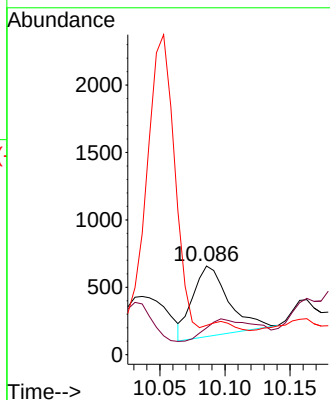
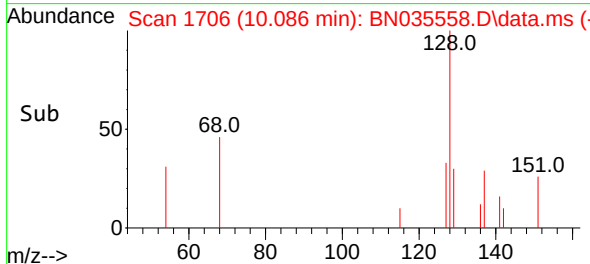
Instrument :
BNA_N
ClientSampleId :
E28N3



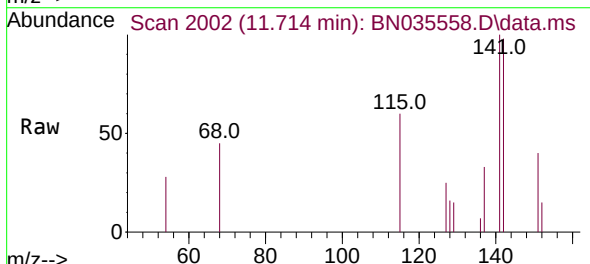
Tgt Ion:128 Resp: 1000
Ion Ratio Lower Upper
128 100
129 30.2 9.9 14.9
127 33.1 11.4 17.2

Manual Integrations
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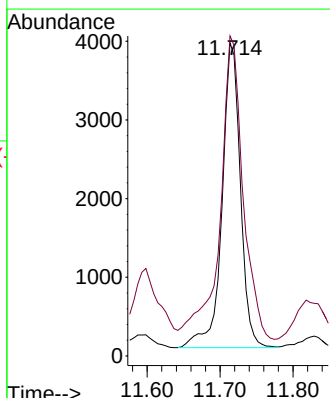
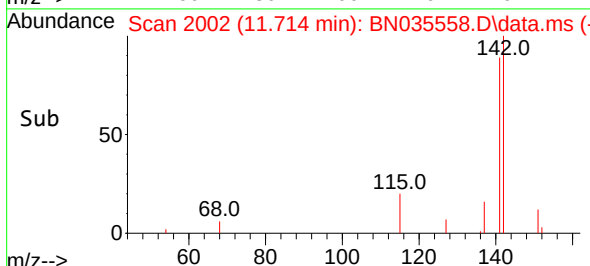
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

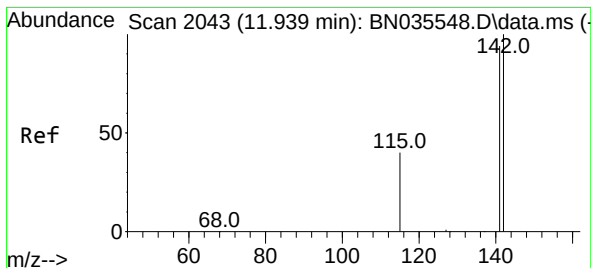


#7
2-Methylnaphthalene
Concen: 0.469 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42



Tgt Ion:142 Resp: 6788
Ion Ratio Lower Upper
142 100
141 124.4 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.892 ng/ul

RT: 11.939 min Scan# 2043

Delta R.T. -0.006 min

Lab File: BN035558.D

Acq: 11 Dec 2024 07:42

Instrument :

BNA_N

ClientSampleId :

E28N3

Tgt Ion:142 Resp: 13038

Ion Ratio Lower Upper

142 100

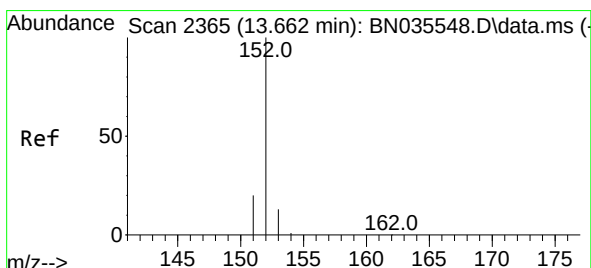
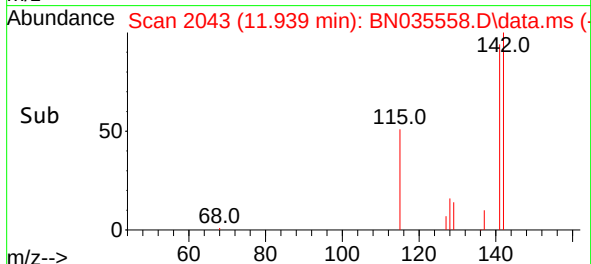
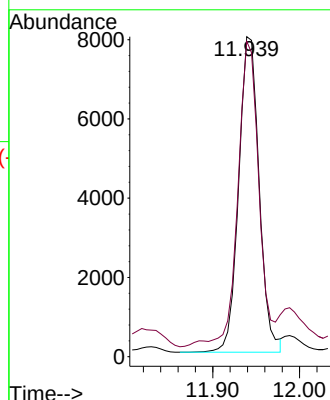
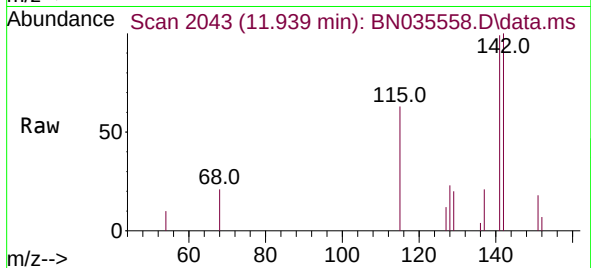
141 99.5 73.1 109.7

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#10

Acenaphthylene

Concen: 0.134 ng/ul

RT: 13.680 min Scan# 2369

Delta R.T. 0.018 min

Lab File: BN035558.D

Acq: 11 Dec 2024 07:42

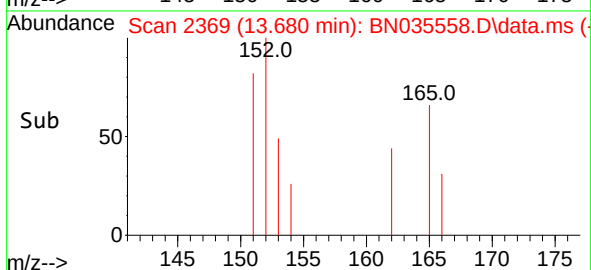
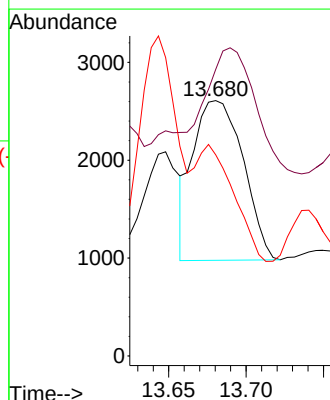
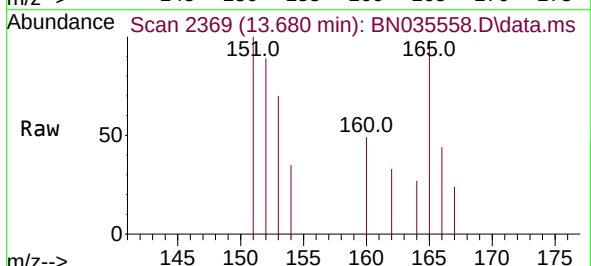
Tgt Ion:152 Resp: 3678

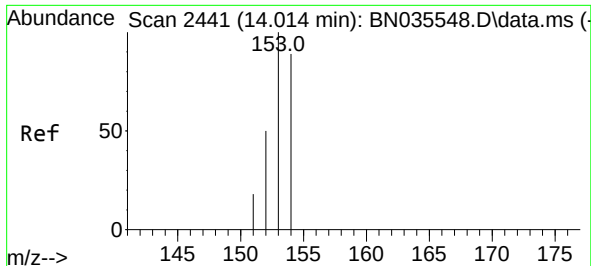
Ion Ratio Lower Upper

152 100

151 112.2 16.4 24.6#

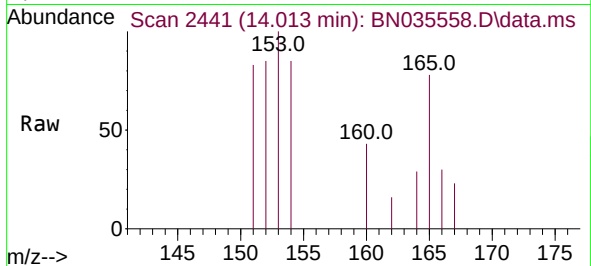
153 78.7 11.1 16.7#





#11
Acenaphthene
Concen: 0.080 ng/uI
RT: 14.013 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

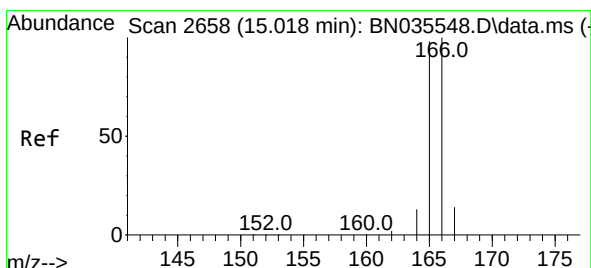
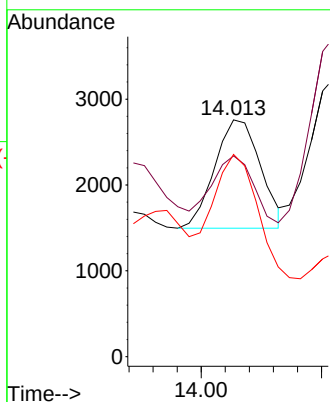
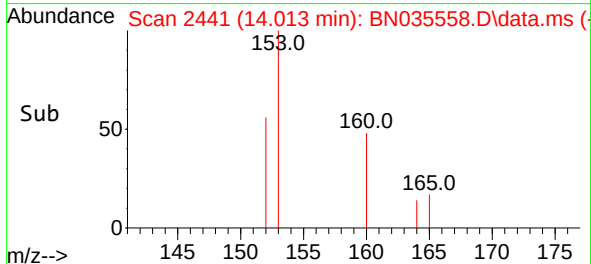
Instrument :
BNA_N
ClientSampleId :
E28N3



Tgt Ion:153 Resp: 1670
Ion Ratio Lower Upper
153 100
152 84.8 41.4 62.0#
154 85.4 71.2 106.8#

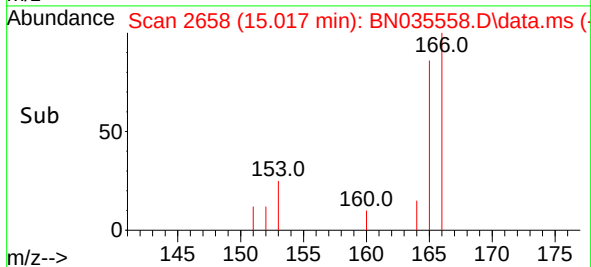
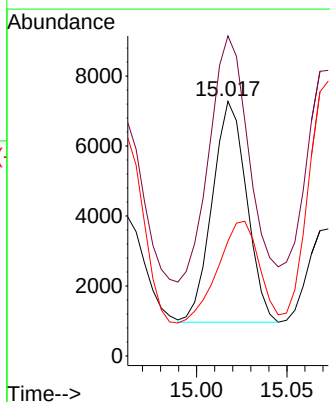
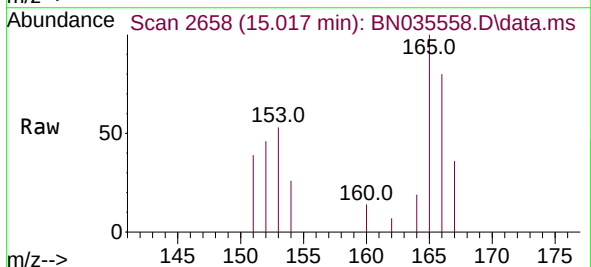
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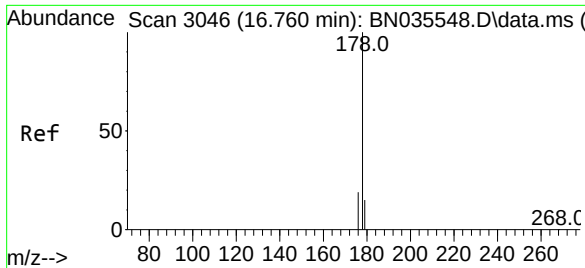
Reviewed By :Yogesh Patel 12/12/2024
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#12
Fluorene
Concen: 0.340 ng/uI
RT: 15.017 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

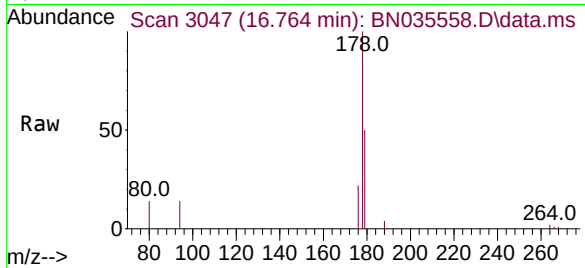
Tgt Ion:166 Resp: 8373
Ion Ratio Lower Upper
166 100
165 125.7 78.6 118.0#
167 45.1 11.8 17.6#





#15
Phenanthrene
Concen: 0.757 ng/ul
RT: 16.764 min Scan# 3046
Delta R.T. 0.004 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

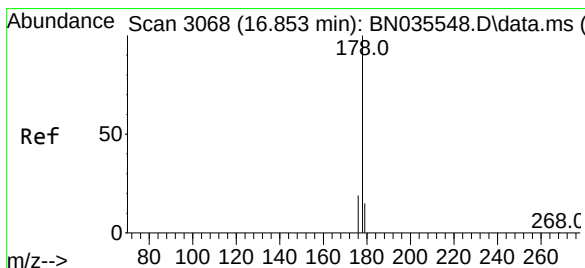
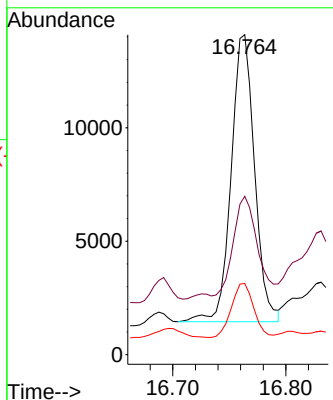
Instrument :
BNA_N
ClientSampleId :
E28N3



Tgt Ion:178 Resp: 1820
Ion Ratio Lower Upper
178 100
179 49.5 12.9 19.3#
176 22.3 15.6 23.4#

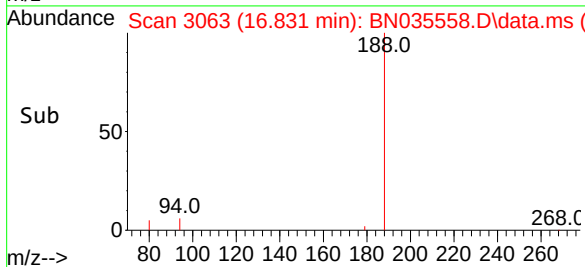
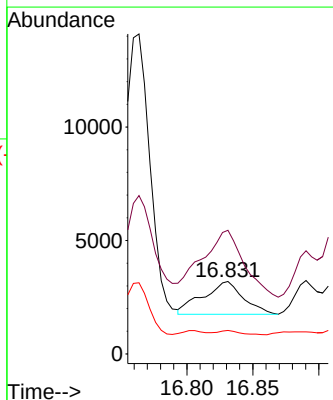
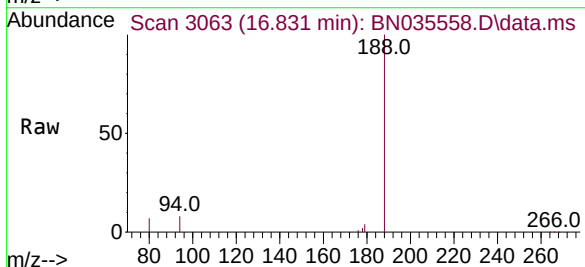
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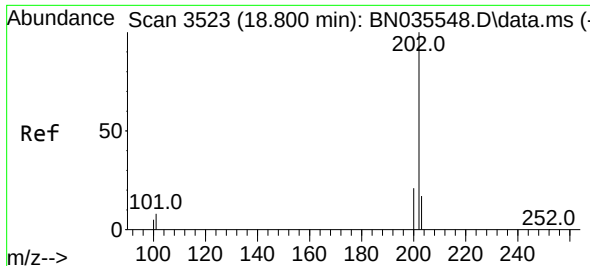
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#16
Anthracene
Concen: 0.138 ng/ul
RT: 16.831 min Scan# 3063
Delta R.T. -0.017 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

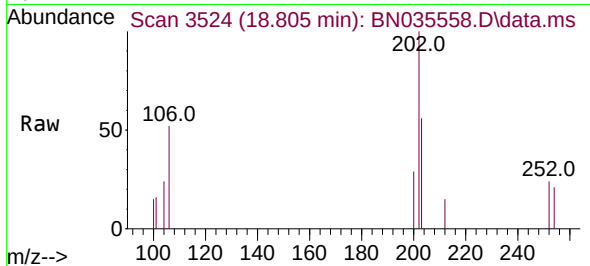
Tgt Ion:178 Resp: 3076
Ion Ratio Lower Upper
178 100
179 170.9 12.9 19.3#
176 32.4 15.4 23.2#





#19
Fluoranthene
Concen: 0.189 ng/u1
RT: 18.805 min Scan# 3523
Delta R.T. 0.005 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

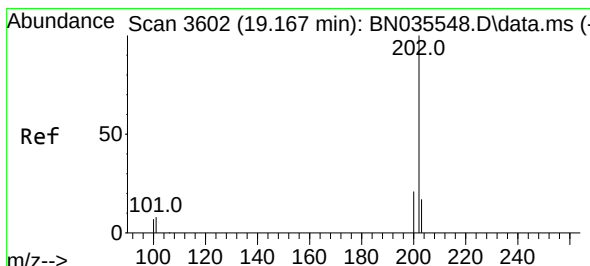
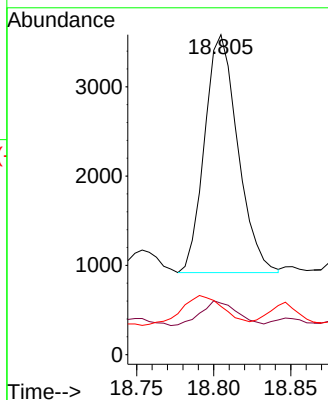
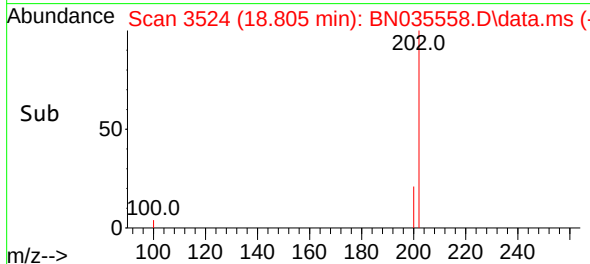
Instrument :
BNA_N
ClientSampleId :
E28N3



Tgt Ion:202 Resp: 4000
Ion Ratio Lower Upper
202 100
101 16.1 5.8 8.6#
100 15.1 4.5 6.7#

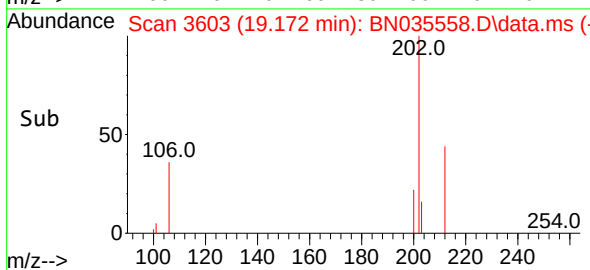
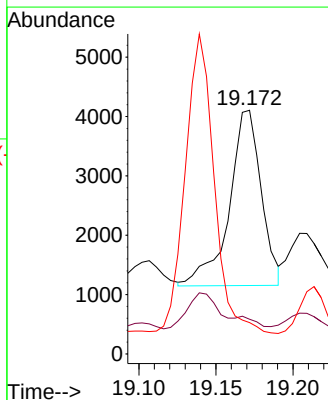
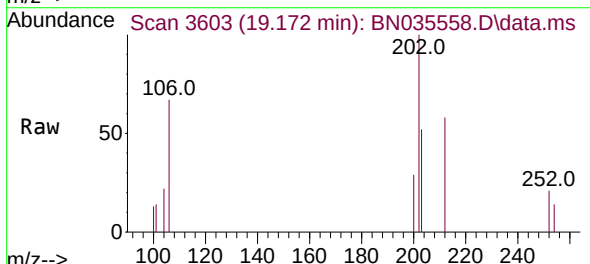
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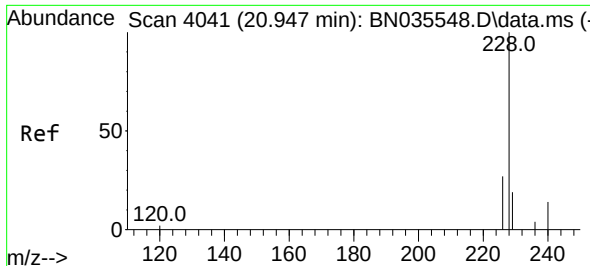
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.194 ng/u1
RT: 19.172 min Scan# 3603
Delta R.T. 0.005 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

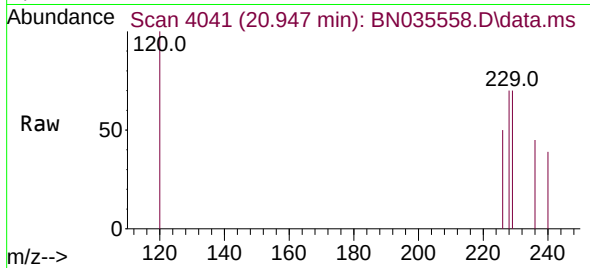
Tgt Ion:202 Resp: 4278
Ion Ratio Lower Upper
202 100
101 14.3 6.2 9.4#
100 12.8 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 20.947 min Scan# 4041
Delta R.T. -0.000 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

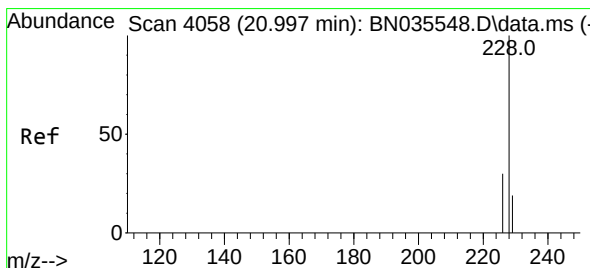
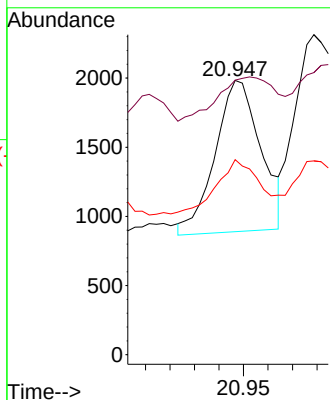
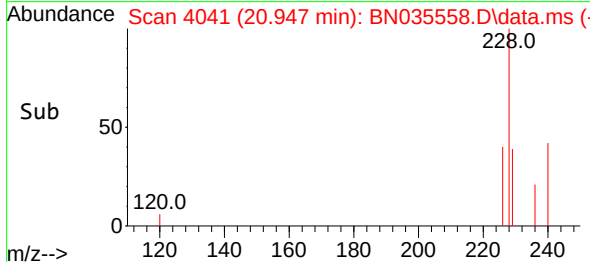
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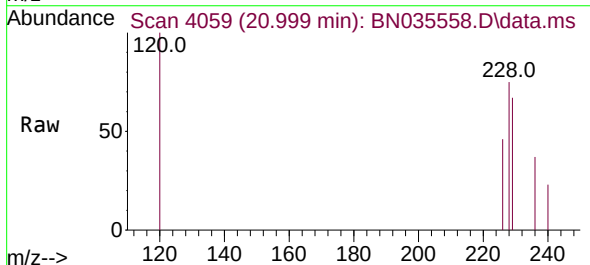
Tgt Ion:228 Resp: 1418
Ion Ratio Lower Upper
228 100
229 100.1 15.8 23.8
226 71.2 21.8 32.8

Manual Integrations
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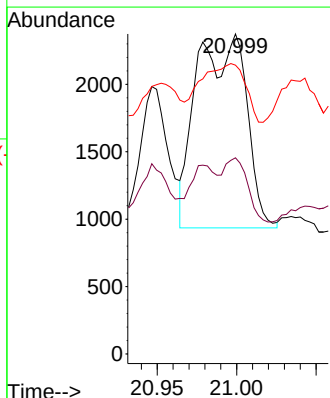
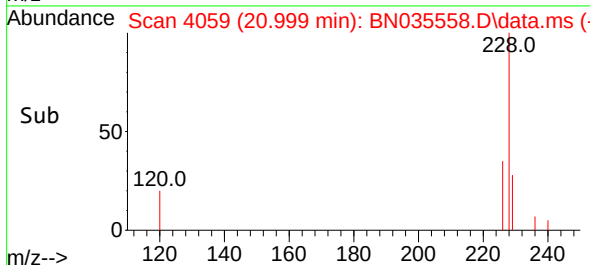
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

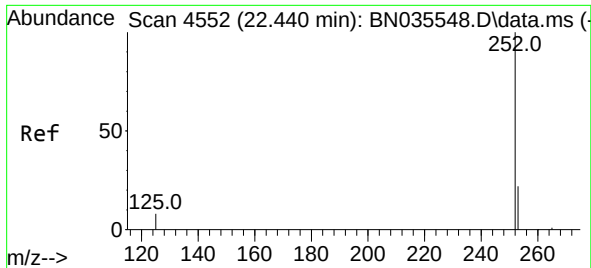


#22
Chrysene
Concen: 0.147 ng/ul m
RT: 20.999 min Scan# 4059
Delta R.T. 0.003 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42



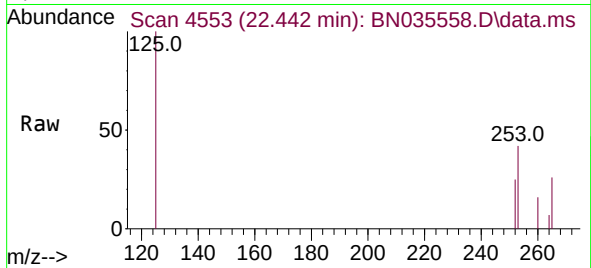
Tgt Ion:228 Resp: 3124
Ion Ratio Lower Upper
228 100
226 61.3 24.7 37.1#
229 90.2 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.105 ng/ul m
RT: 22.442 min Scan# 4553
Delta R.T. 0.003 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

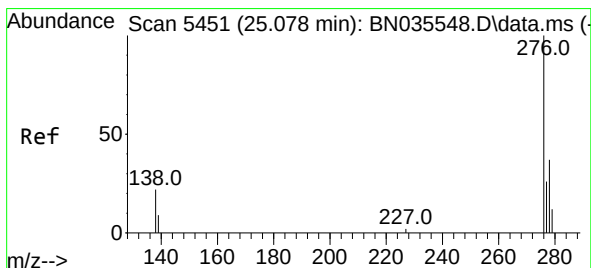
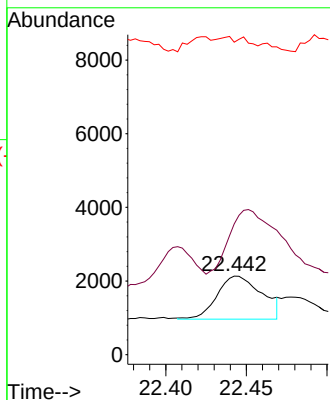
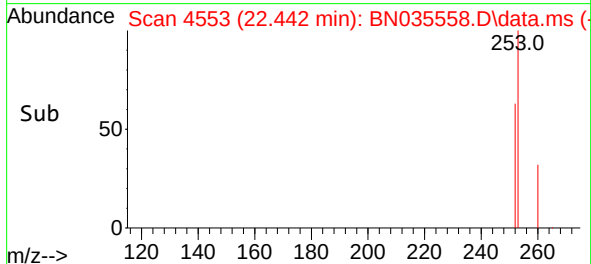
Instrument :
BNA_N
ClientSampleId :
E28N3



Tgt Ion:252 Resp: 226
Ion Ratio Lower Upper
252 100
253 166.2 0.0 54.0#
125 397.4 0.0 19.4#

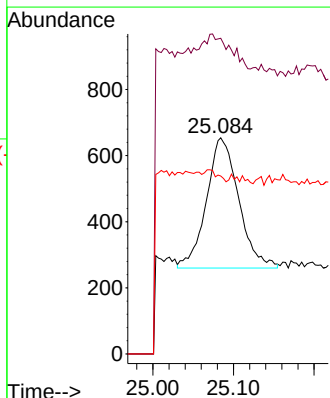
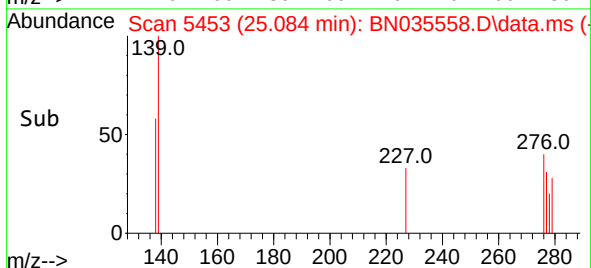
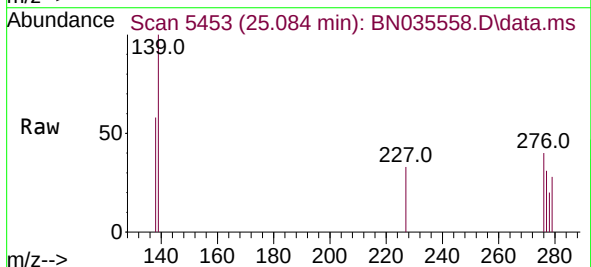
Manual Integrations
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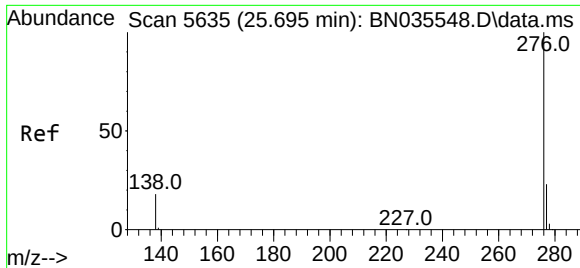
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.041 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. 0.003 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

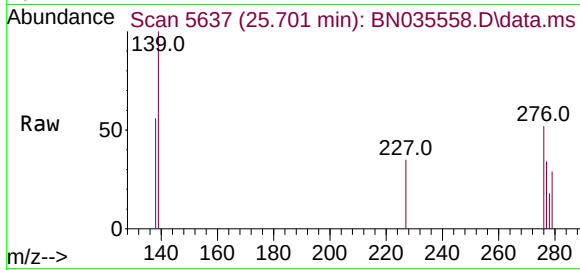
Tgt Ion:276 Resp: 1095
Ion Ratio Lower Upper
276 100
138 651.9 13.8 20.8#
227 375.3 0.2 0.4#





#29
Benzo(g,h,i)perylene
Concen: 0.062 ng/ul m
RT: 25.701 min Scan# 50
Delta R.T. 0.010 min
Lab File: BN035558.D
Acq: 11 Dec 2024 07:42

Instrument :
BNA_N
ClientSampleId :
E28N3



Tgt Ion:276 Resp: 1312
Ion Ratio Lower Upper
276 100
138 106.8 13.0 19.6
277 65.2 20.5 30.7

Manual Integrations
APPROVED

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

