

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035557.D
 Acq On : 11 Dec 2024 07:06
 Operator : RC/JU
 Sample : P5066-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N1

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 07:30:02 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	7.292	152	3128	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	9328	0.400	ng/ul #	0.00
9) Acenaphthene-d10	13.953	164	6146	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11052m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	7440	0.400	ng/ul #	0.00
23) Perylene-d12	23.050	264	7990m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	16549	5.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.636	152	6701	0.490	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	12827	0.625	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.086	128	2665	0.113	ng/ul#	78
7) 2-Methylnaphthalene	11.713	142	9463	0.581	ng/ul	94
8) 1-Methylnaphthalene	11.939	142	7769	0.472	ng/ul	93
10) Acenaphthylene	13.671	152	1230	0.050	ng/ul#	1
11) Acenaphthene	14.013	153	440	0.024	ng/ul#	68
12) Fluorene	15.017	166	989	0.045	ng/ul#	46
15) Phenanthrene	16.759	178	20292	0.695	ng/ul#	96
16) Anthracene	16.822	178	1060	0.039	ng/ul#	1
19) Fluoranthene	18.800	202	1320	0.051	ng/ul#	59
20) Pyrene	19.167	202	2867	0.106	ng/ul#	76
22) Chrysene	20.996	228	4653m	0.179	ng/ul	
24) Benzo(b)fluoranthene	22.436	252	1883m	0.071	ng/ul	
29) Benzo(g,h,i)perylene	25.694	276	4334m	0.169	ng/ul	

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

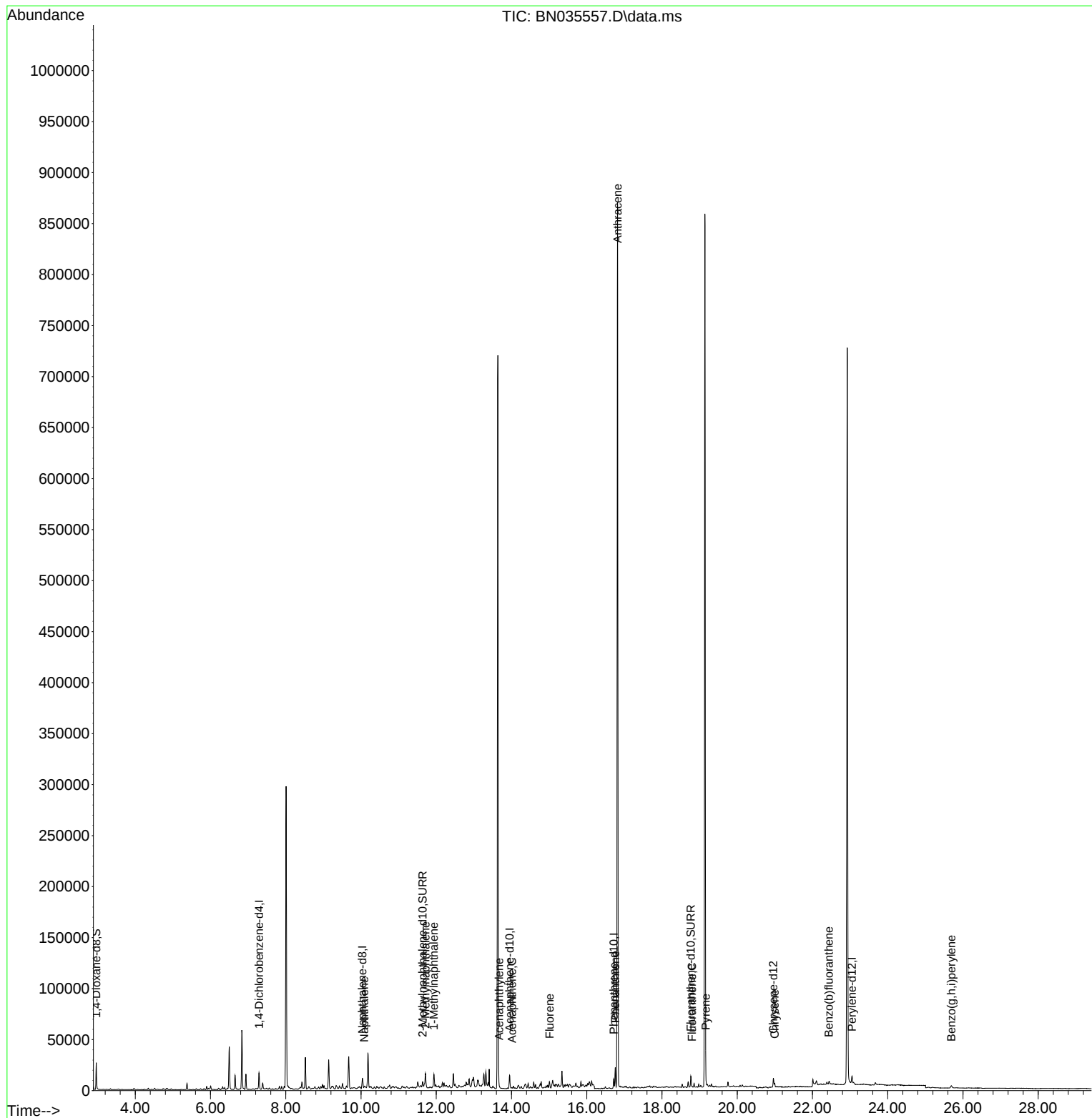
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035557.D
Acq On : 11 Dec 2024 07:06
Operator : RC/JU
Sample : P5066-13
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ALS Vial : 28 Sample Multiplier: 1

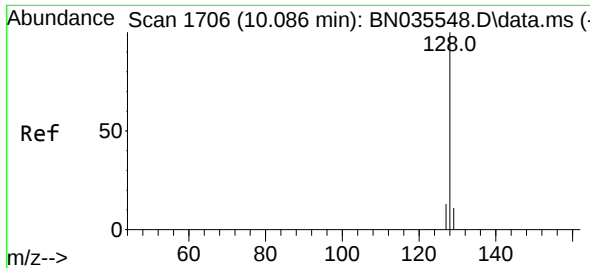
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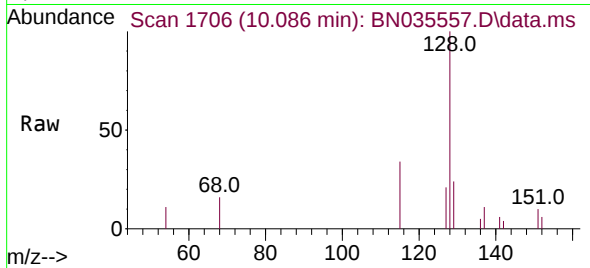
Quant Time: Dec 11 07:30:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.113 ng/ul
RT: 10.086 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

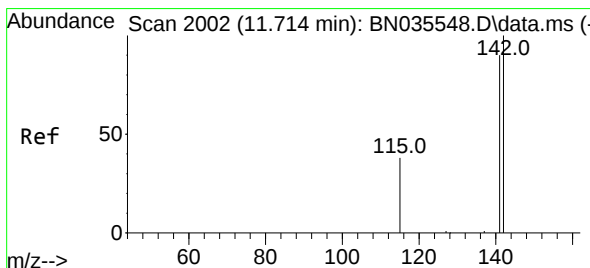
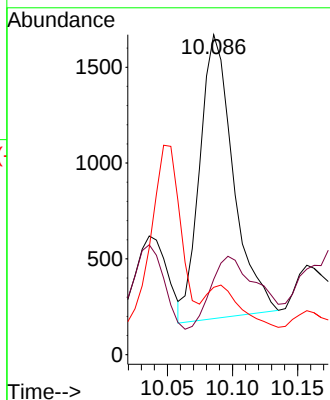
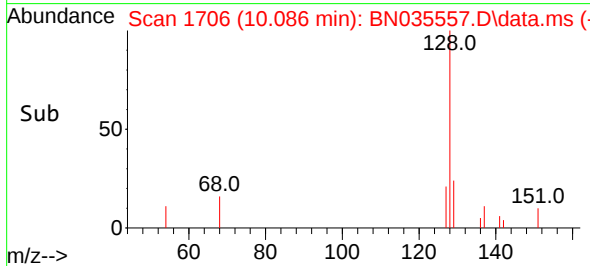
Instrument :
BNA_N
ClientSampleId :
E28N1



Tgt Ion:128 Resp: 266
Ion Ratio Lower Upper
128 100
129 23.5 9.9 14.9
127 21.1 11.4 17.2

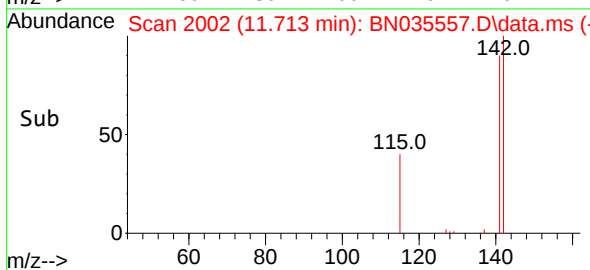
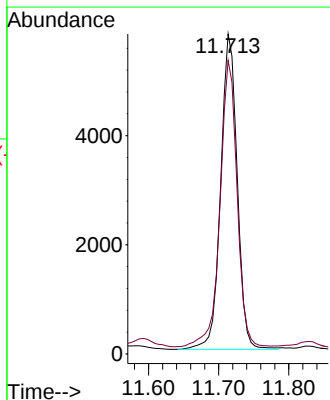
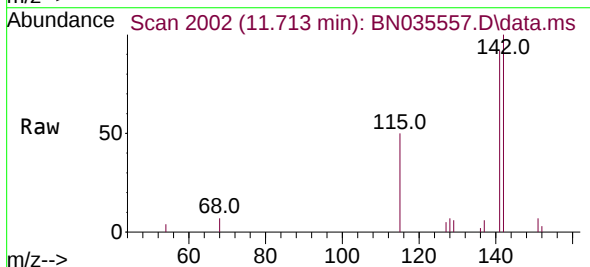
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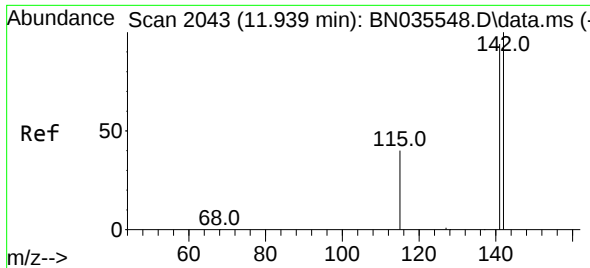
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.581 ng/ul
RT: 11.713 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

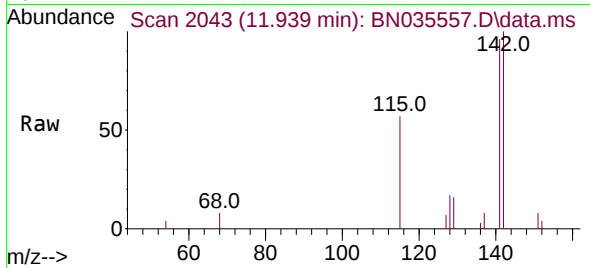
Tgt Ion:142 Resp: 9463
Ion Ratio Lower Upper
142 100
141 93.3 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.472 ng/ul
RT: 11.939 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

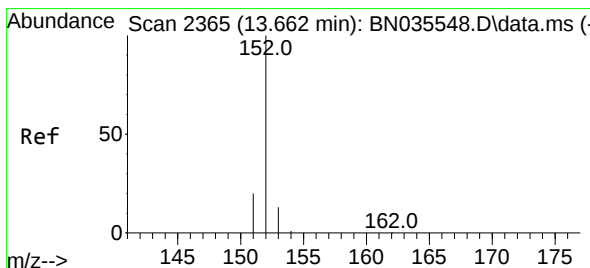
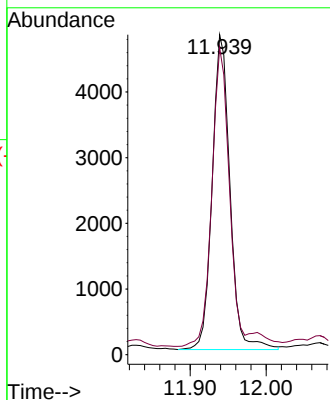
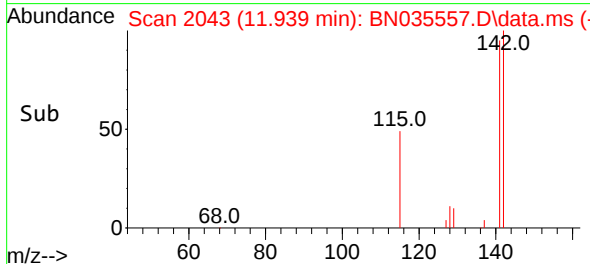
Instrument :
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Tgt Ion:142 Resp: 7769
Ion Ratio Lower Upper
142 100
141 97.6 73.1 109.7

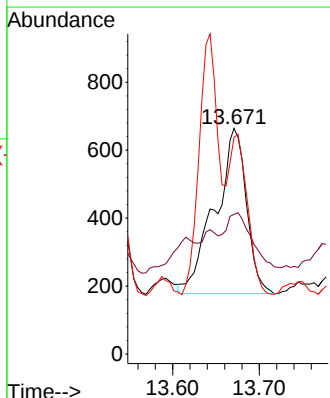
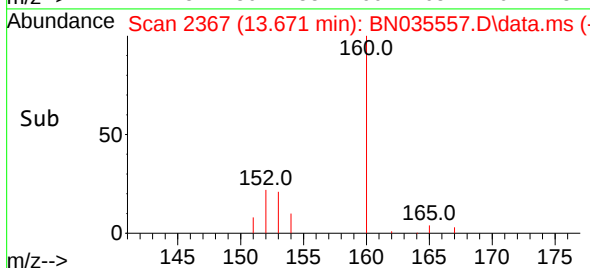
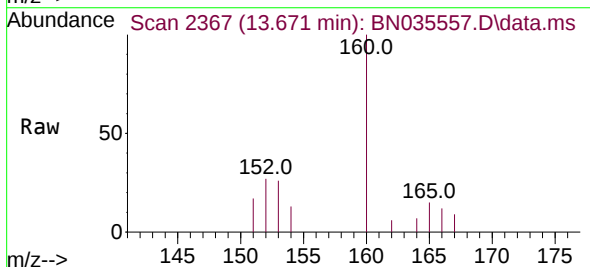
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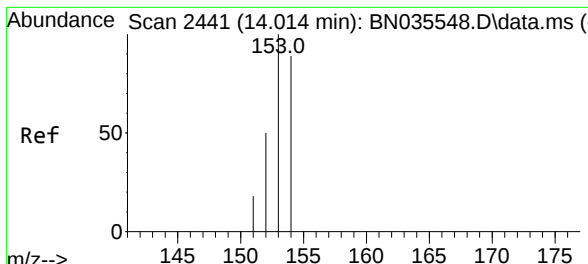
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.671 min Scan# 2367
Delta R.T. 0.009 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

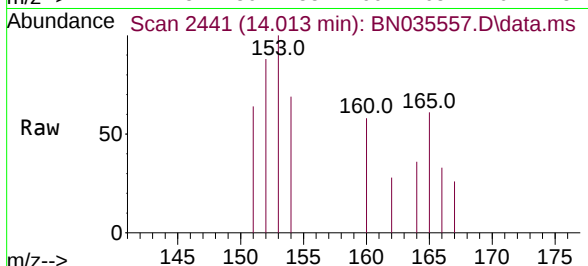
Tgt Ion:152 Resp: 1230
Ion Ratio Lower Upper
152 100
151 61.9 16.4 24.6#
153 96.1 11.1 16.7#





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.013 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

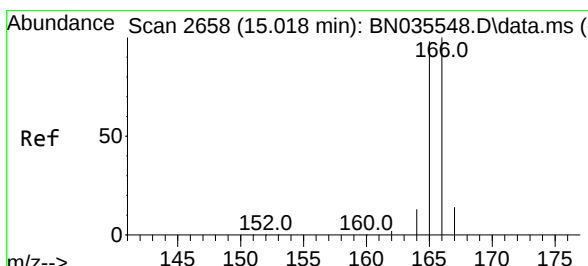
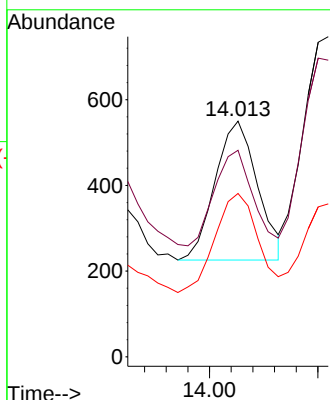
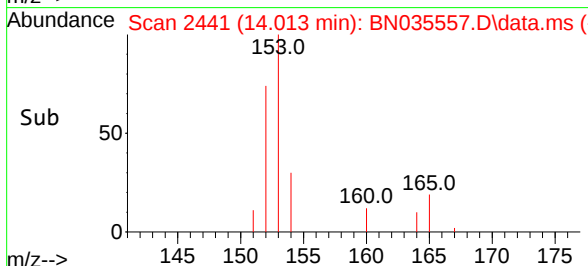
Instrument :
BNA_N
ClientSampleId :
E28N1



Tgt Ion:153 Resp: 440
Ion Ratio Lower Upper
153 100
152 87.6 41.4 62.0#
154 69.3 71.2 106.8#

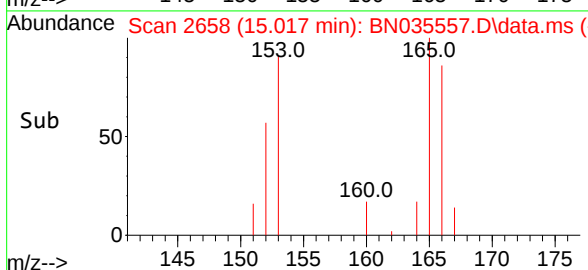
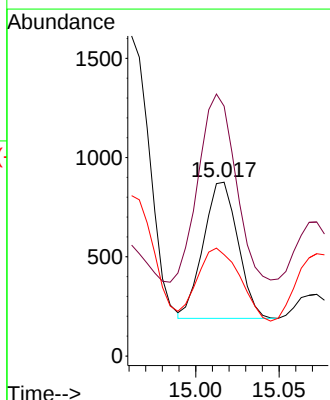
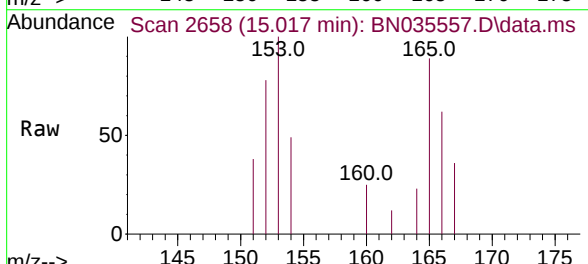
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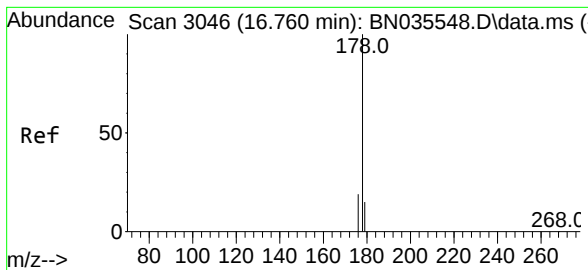
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.017 min Scan# 2658
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

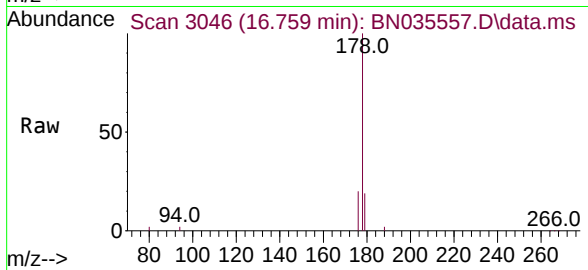
Tgt Ion:166 Resp: 989
Ion Ratio Lower Upper
166 100
165 143.7 78.6 118.0#
167 58.3 11.8 17.6#





#15
Phenanthrene
Concen: 0.695 ng/u1
RT: 16.759 min Scan# 3046
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

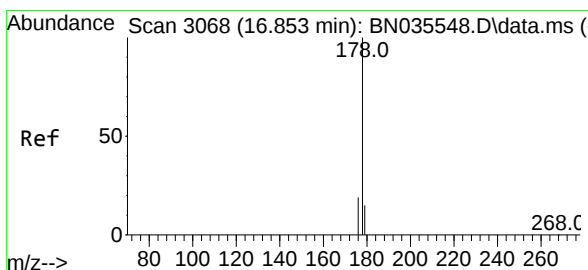
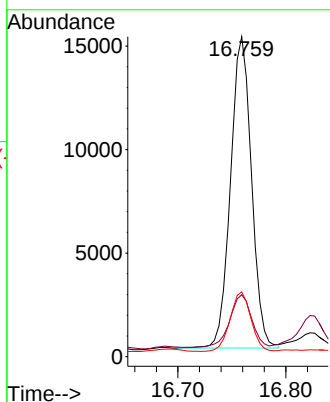
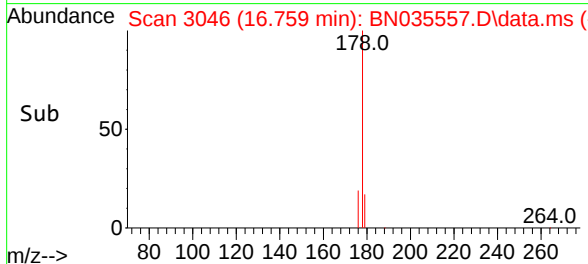
Instrument :
BNA_N
ClientSampleId :
E28N1



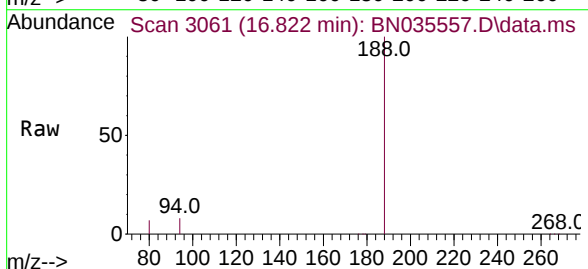
Tgt Ion:178 Resp: 20292
Ion Ratio Lower Upper
178 100
179 19.3 12.9 19.3#
176 20.2 15.6 23.4#

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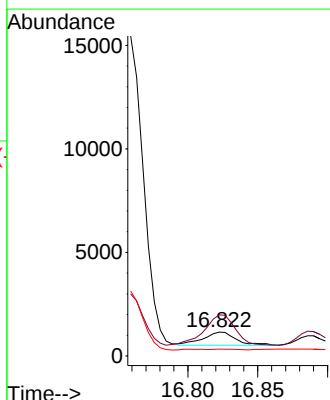
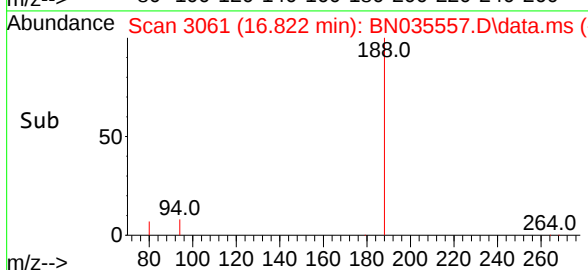
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

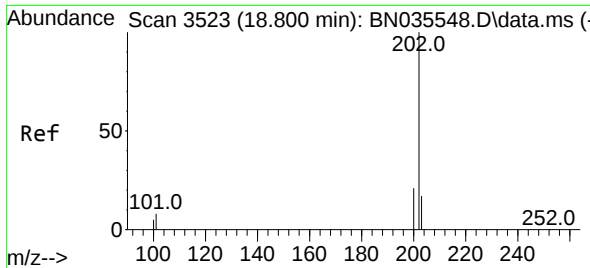


#16
Anthracene
Concen: 0.039 ng/u1
RT: 16.822 min Scan# 3061
Delta R.T. -0.026 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06



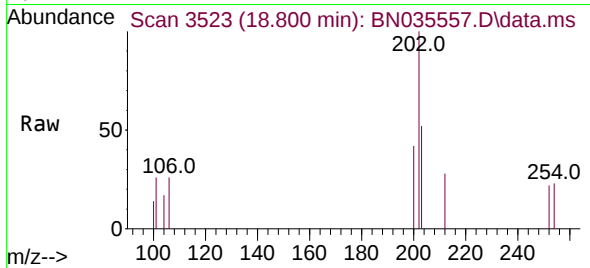
Tgt Ion:178 Resp: 1060
Ion Ratio Lower Upper
178 100
179 172.4 12.9 19.3#
176 28.7 15.4 23.2#





#19
Fluoranthene
Concen: 0.051 ng/u1
RT: 18.800 min Scan# 3523
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

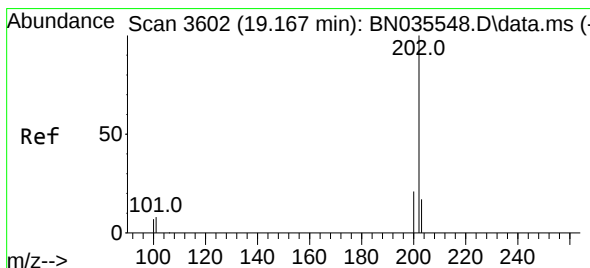
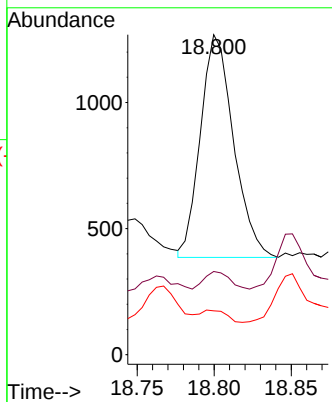
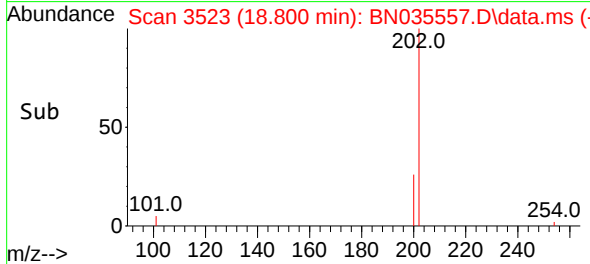
Instrument :
BNA_N
ClientSampleId :
E28N1



Tgt Ion:202 Resp: 1320
Ion Ratio Lower Upper
202 100
101 26.0 5.8 8.6#
100 13.7 4.5 6.7#

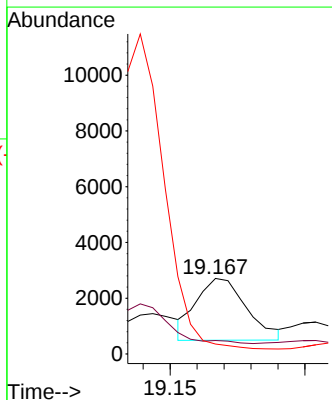
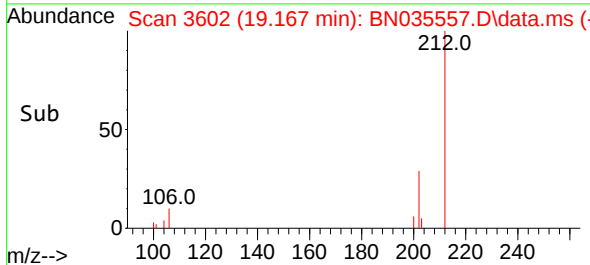
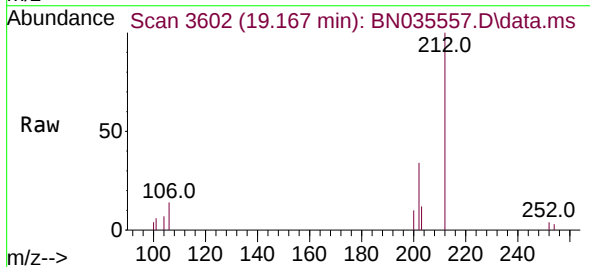
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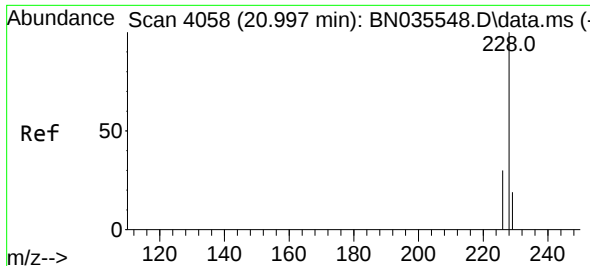
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.106 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. -0.000 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

Tgt Ion:202 Resp: 2867
Ion Ratio Lower Upper
202 100
101 17.7 6.2 9.4#
100 13.1 5.1 7.7#





#22

Chrysene

Concen: 0.179 ng/ul m

RT: 20.996 min Scan# 4058

Delta R.T. -0.000 min

Lab File: BN035557.D

Acq: 11 Dec 2024 07:06

Instrument :

BN035557.D

ClientSampleId :

E28N1

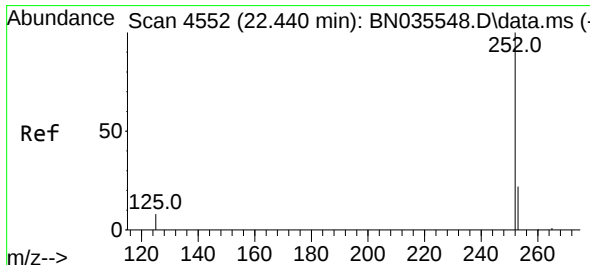
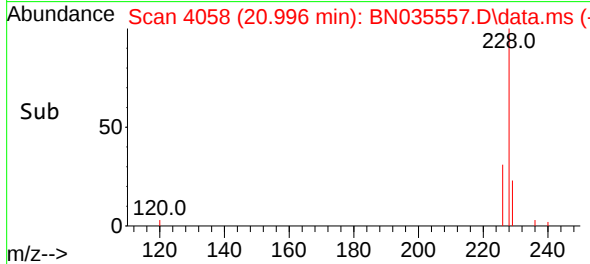
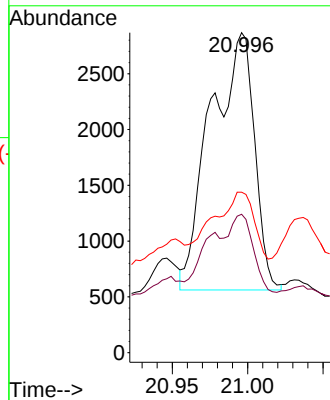
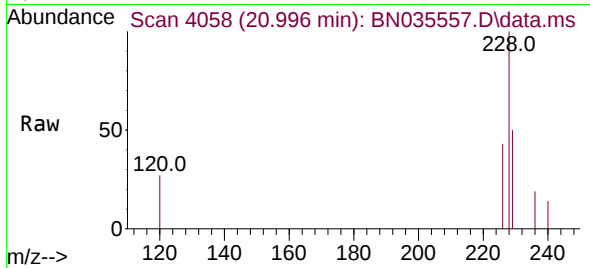
Tgt Ion:228	Resp:	465
Ion Ratio	Lower	Upper
228	100	
226	43.3	24.7 37.1
229	50.1	16.0 24.0

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 0.071 ng/ul m

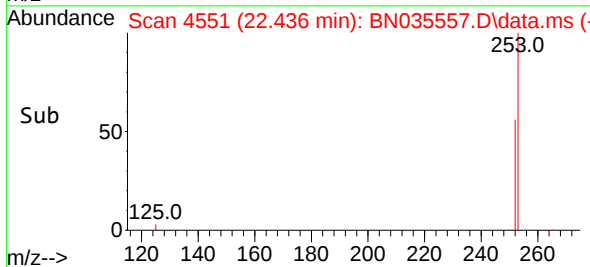
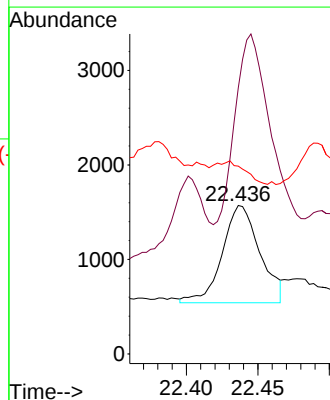
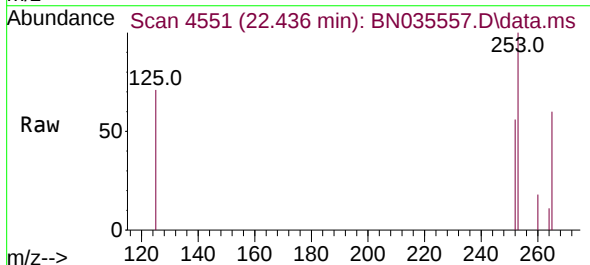
RT: 22.436 min Scan# 4551

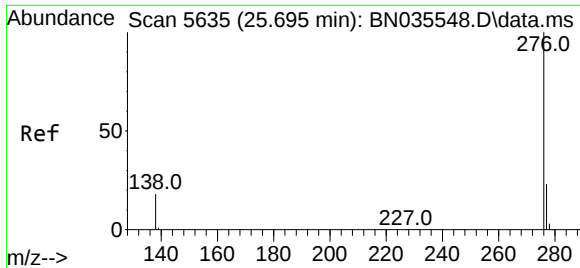
Delta R.T. -0.003 min

Lab File: BN035557.D

Acq: 11 Dec 2024 07:06

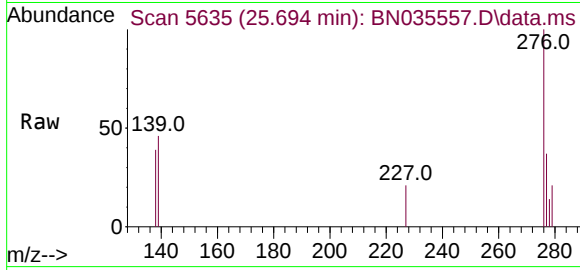
Tgt Ion:252	Resp:	1883
Ion Ratio	Lower	Upper
252	100	
253	179.2	0.0 54.0#
125	126.5	0.0 19.4#





#29
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul m
RT: 25.694 min Scan# 50
Delta R.T. 0.003 min
Lab File: BN035557.D
Acq: 11 Dec 2024 07:06

Instrument :
BNA_N
ClientSampleId :
E28N1



Tgt Ion:276 Resp: 4334
Ion Ratio Lower Upper
276 100
138 38.9 13.0 19.6
277 37.5 20.5 30.7

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