

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035634.D
 Acq On : 17 Dec 2024 02:00
 Operator : RC/JU
 Sample : P5232-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 02:41:47 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	7.284	152	2638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7908	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5668	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12688	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	11206	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	11702m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5839	2.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2161	0.192	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5765	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	3476m	0.179	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2859	0.219	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	2402	0.178	ng/ul	98
10) Acenaphthylene	13.657	152	2422	0.110	ng/ul#	87
11) Acenaphthene	14.009	153	4340	0.261	ng/ul	100
12) Fluorene	15.013	166	3683	0.191	ng/ul#	99
15) Phenanthrene	16.755	178	93174	2.934	ng/ul	98
16) Anthracene	16.848	178	19975	0.673	ng/ul	99
19) Fluoranthene	18.796	202	197893	4.938	ng/ul	98
20) Pyrene	19.163	202	171248	3.879	ng/ul	99
21) Benzo(a)anthracene	20.944	228	83475	2.246	ng/ul	99
22) Chrysene	20.994	228	81652	2.117	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	116573m	3.380	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	38346m	1.005	ng/ul	
26) Benzo(a)pyrene	22.954	252	81584	2.443	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.071	276	65697	1.616	ng/ul#	66
28) Dibenzo(a,h)anthracene	25.078	278	14029m	0.452	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	64160	1.966	ng/ul#	92

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

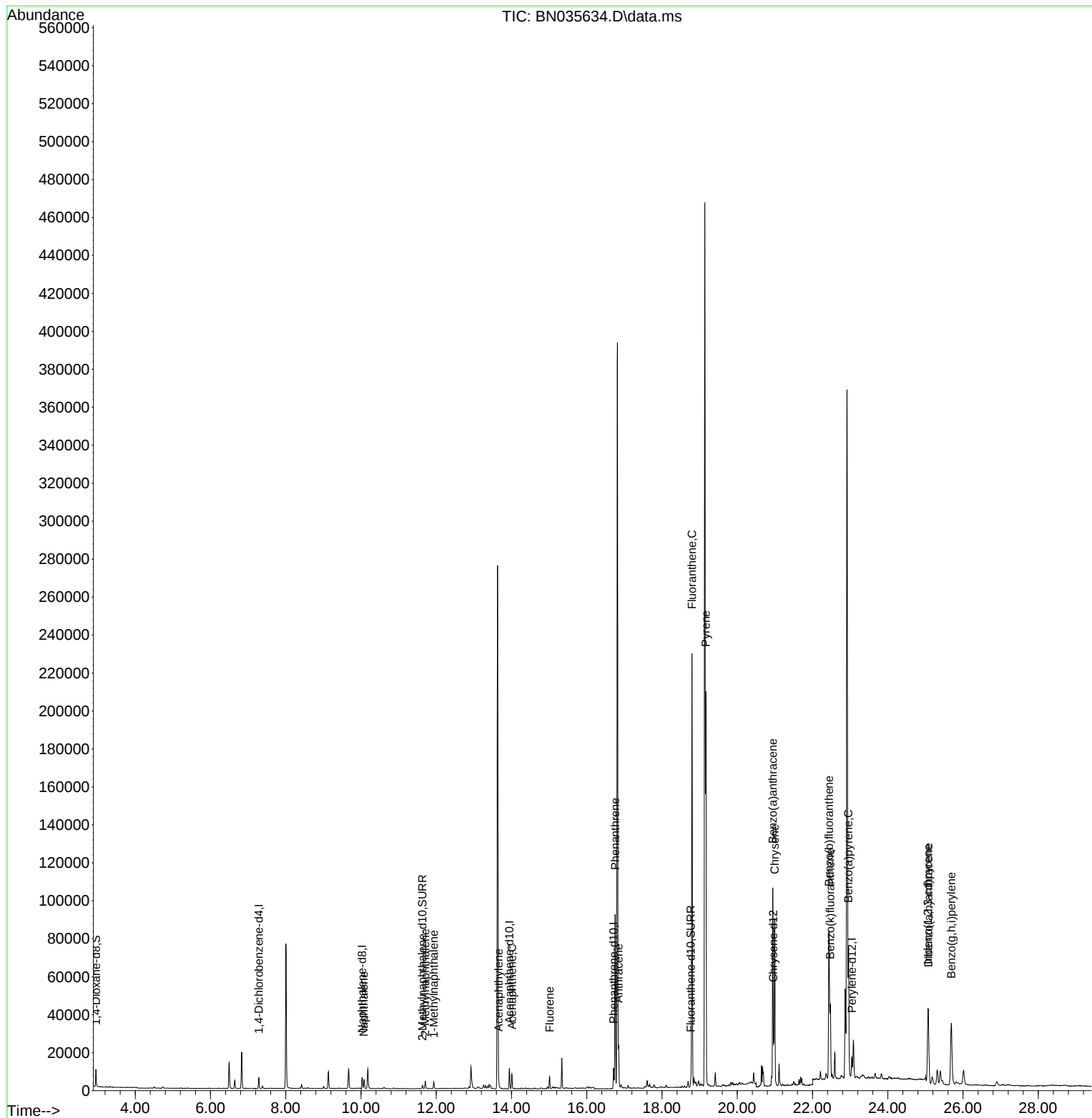
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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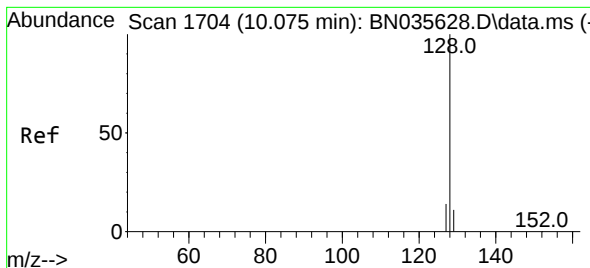
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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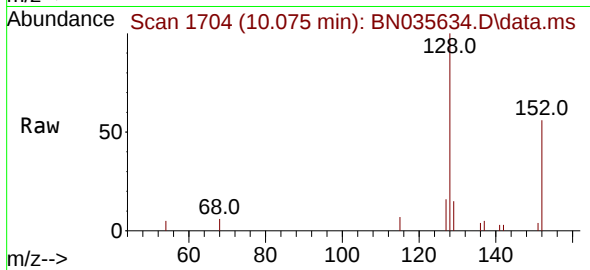
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024





#5
Naphthalene
Concen: 0.179 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

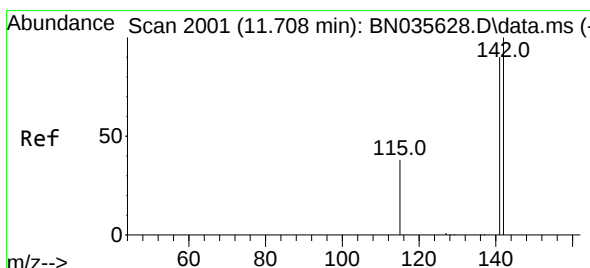
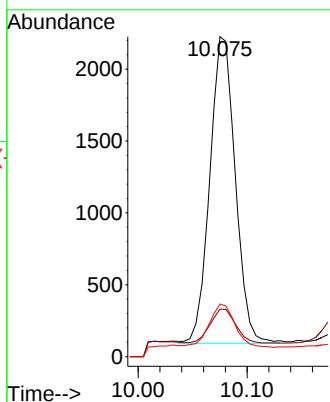
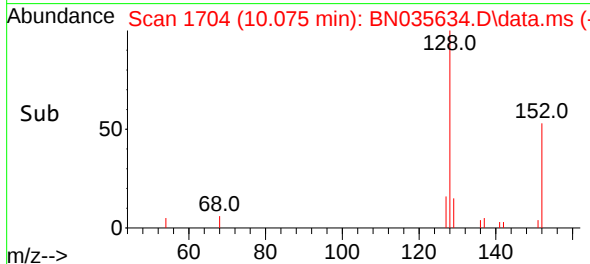
Instrument :
BNA_N
ClientSampleId :
E28S4



Tgt Ion:128 Resp: 3470
Ion Ratio Lower Upper
128 100
129 14.8 10.8 16.2
127 16.4 12.0 18.0

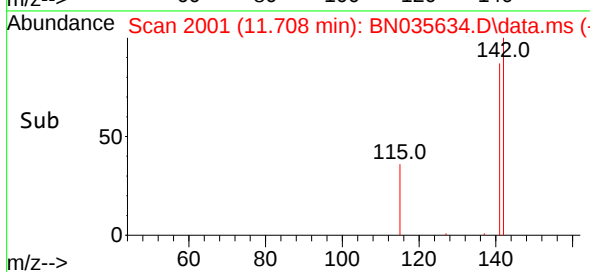
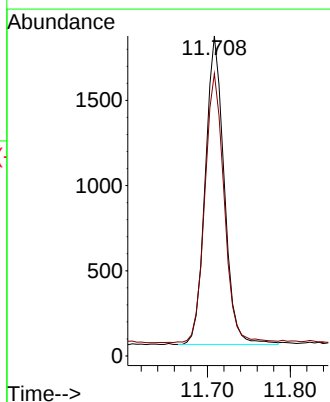
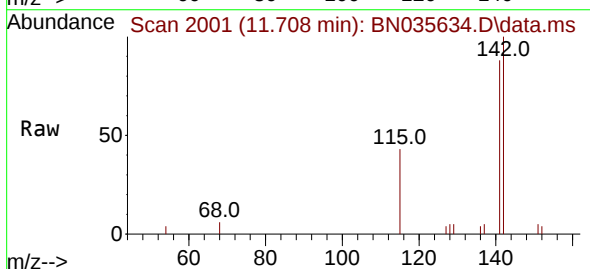
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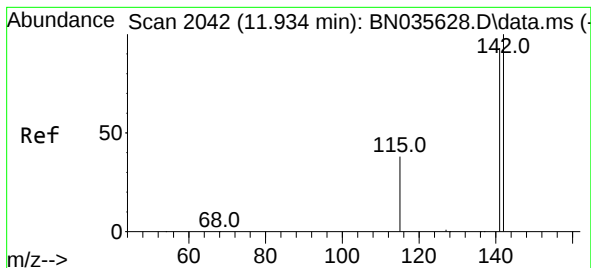
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

Tgt Ion:142 Resp: 2859
Ion Ratio Lower Upper
142 100
141 89.7 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.178 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035634.D

Acq: 17 Dec 2024 02:00

Instrument :

BNA_N

ClientSampleId :

E28S4

Tgt Ion:142 Resp: 2402

Ion Ratio Lower Upper

142 100

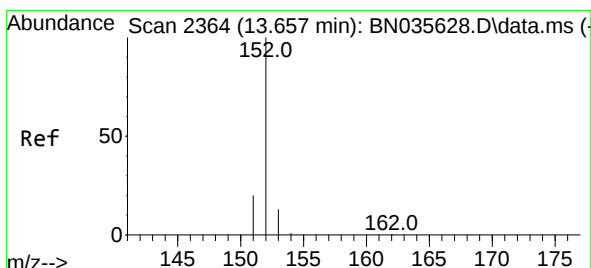
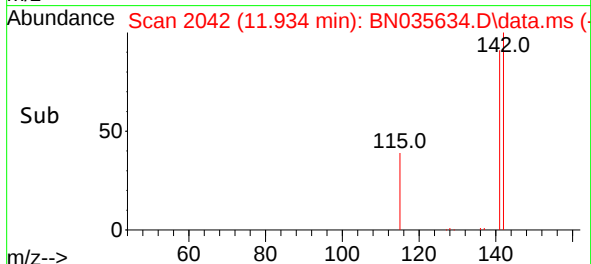
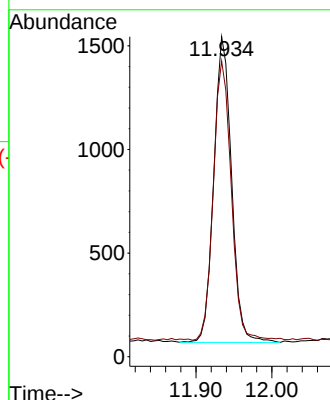
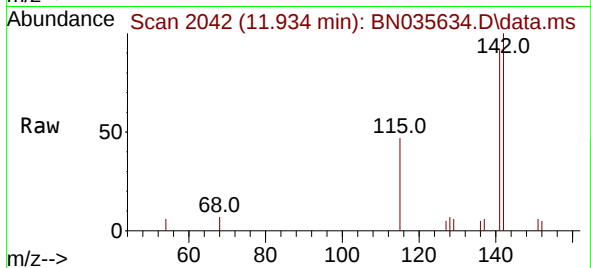
141 91.8 74.7 112.1

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#10

Acenaphthylene

Concen: 0.110 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.004 min

Lab File: BN035634.D

Acq: 17 Dec 2024 02:00

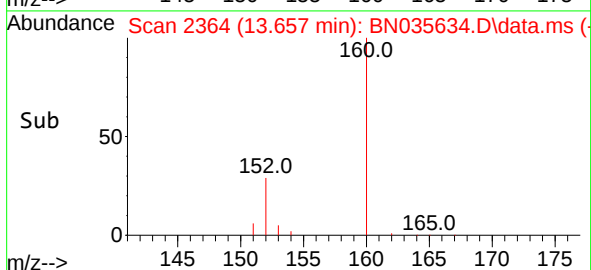
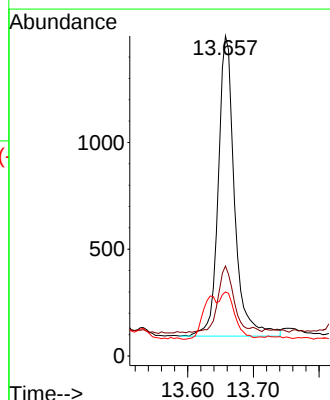
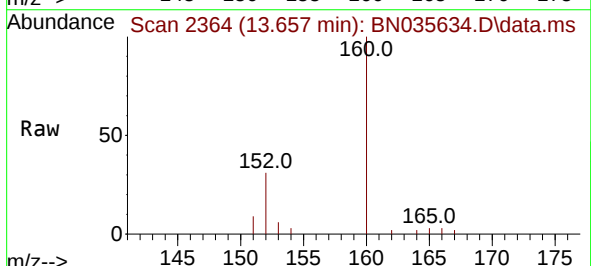
Tgt Ion:152 Resp: 2422

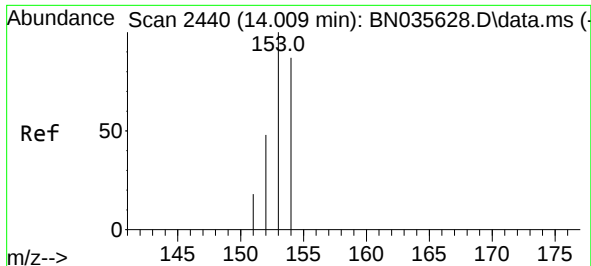
Ion Ratio Lower Upper

152 100

151 28.1 17.6 26.4#

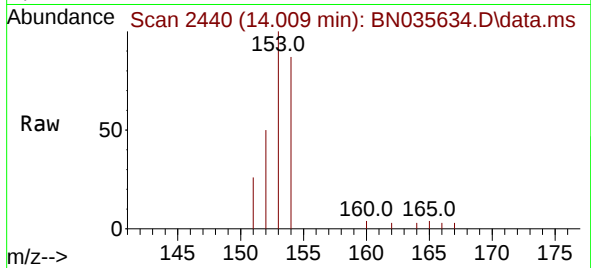
153 20.0 11.4 17.2#





#11
Acenaphthene
Concen: 0.261 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

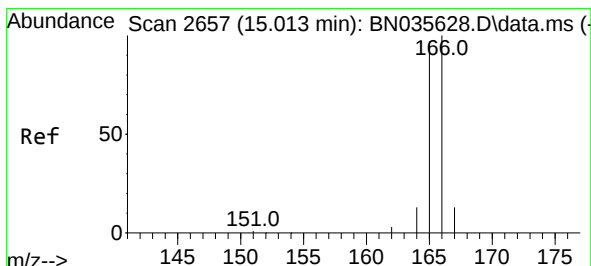
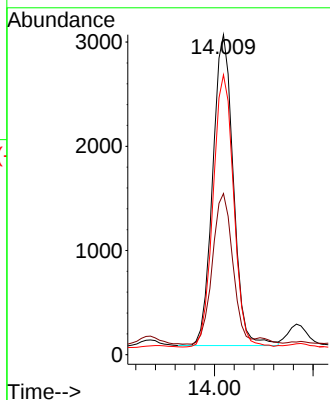
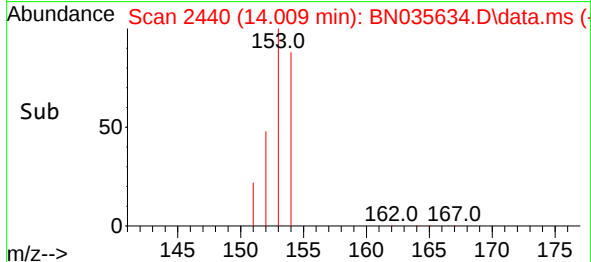
Instrument :
BNA_N
ClientSampleId :
E28S4



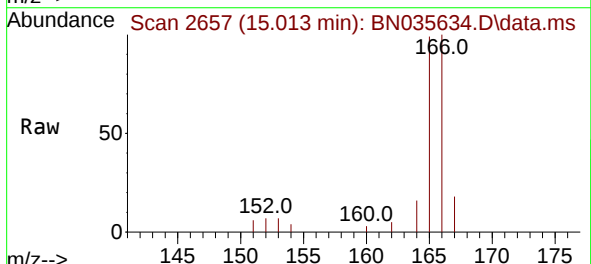
Tgt Ion:153 Resp: 4340
Ion Ratio Lower Upper
153 100
152 50.3 39.8 59.6
154 87.4 69.8 104.8

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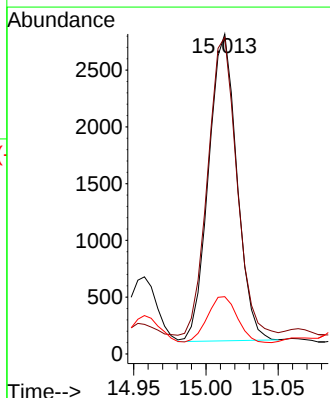
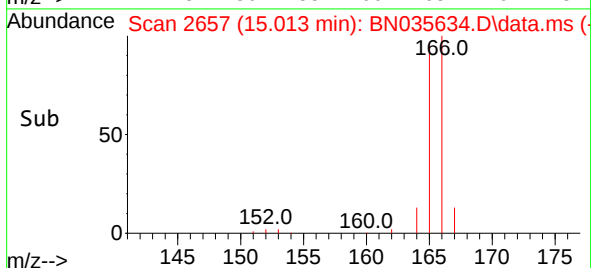
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

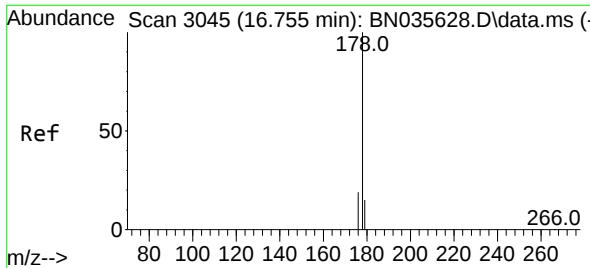


#12
Fluorene
Concen: 0.191 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00



Tgt Ion:166 Resp: 3683
Ion Ratio Lower Upper
166 100
165 99.0 79.5 119.3
167 17.9 11.8 17.8#





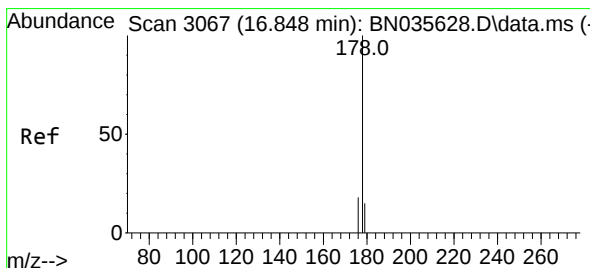
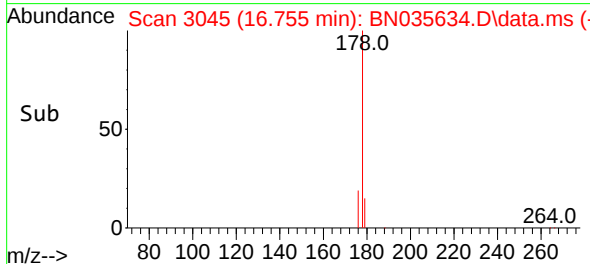
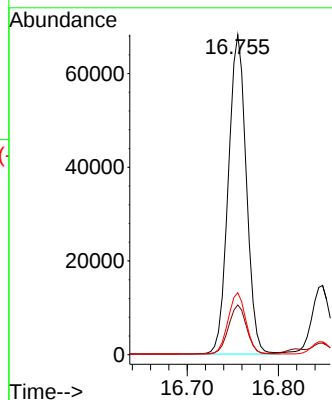
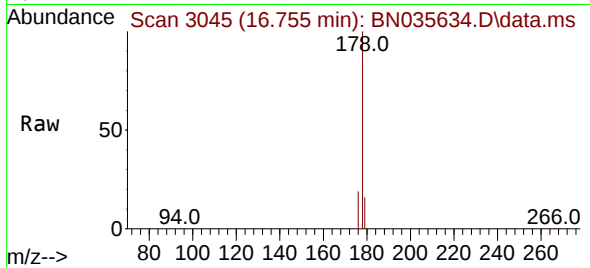
#15
Phenanthrene
Concen: 2.934 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

Instrument :
BNA_N
ClientSampleId :
E28S4

Tgt Ion:178 Resp: 93174
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.4 15.8 23.8

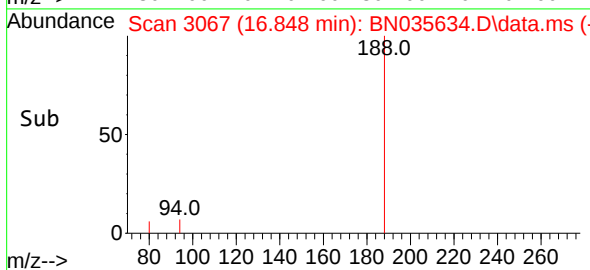
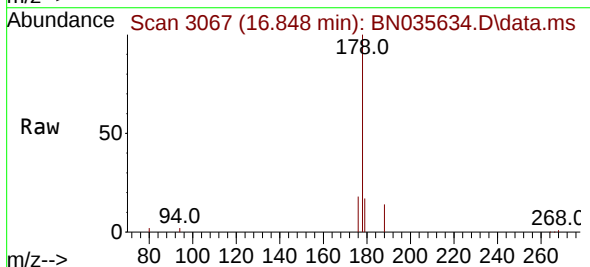
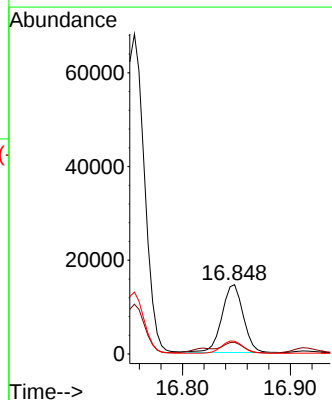
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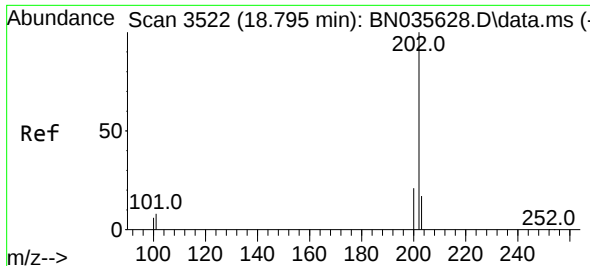
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.673 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

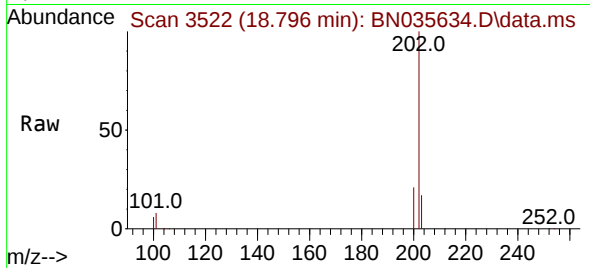
Tgt Ion:178 Resp: 19975
Ion Ratio Lower Upper
178 100
179 16.8 13.4 20.0
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 4.938 ng/ul
RT: 18.796 min Scan# 3522
Delta R.T. -0.004 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

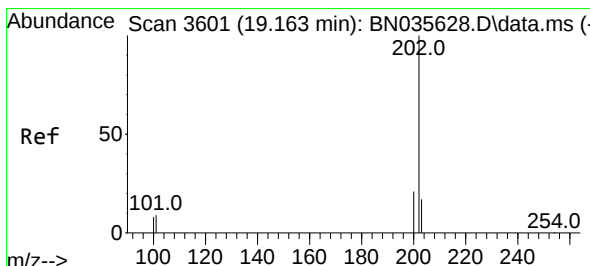
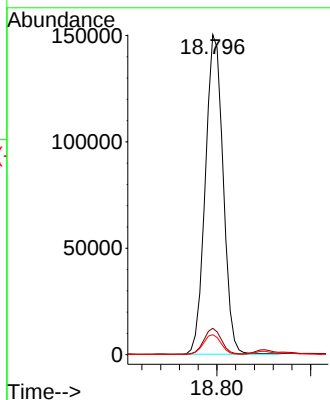
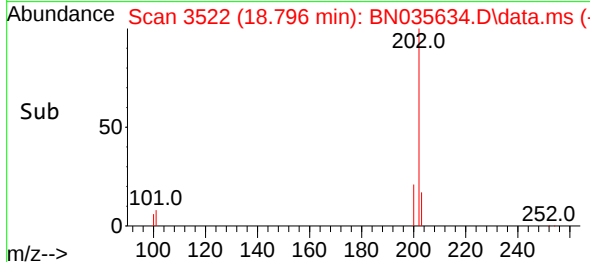
Instrument :
BNA_N
ClientSampleId :
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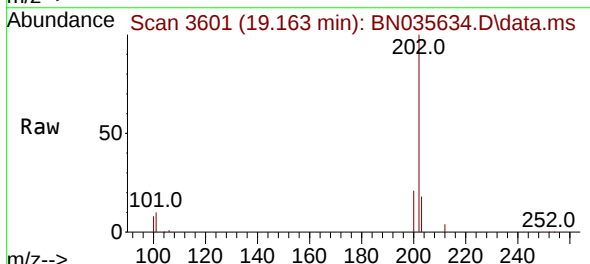
Tgt Ion:202 Resp: 19789
Ion Ratio Lower Upper
202 100
101 8.3 7.3 10.9
100 6.3 5.4 8.0

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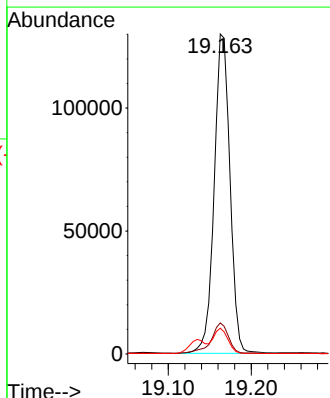
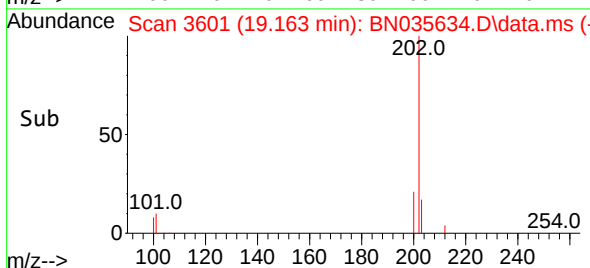
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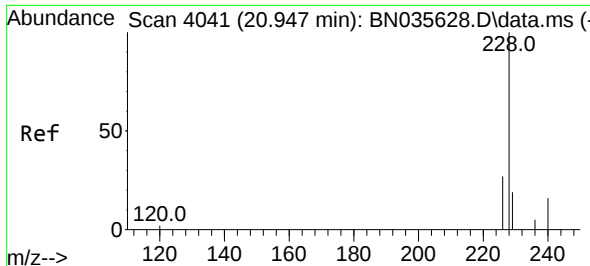


#20
Pyrene
Concen: 3.879 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.004 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00



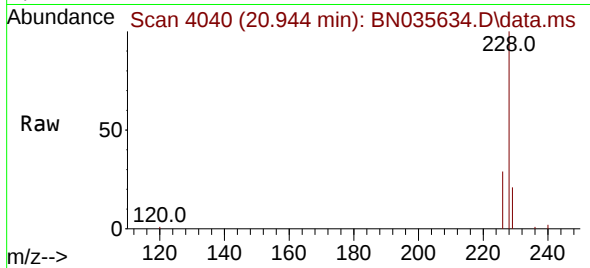
Tgt Ion:202 Resp: 171248
Ion Ratio Lower Upper
202 100
101 9.7 8.5 12.7
100 8.0 6.5 9.7





#21
Benzo(a)anthracene
Concen: 2.246 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.006 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

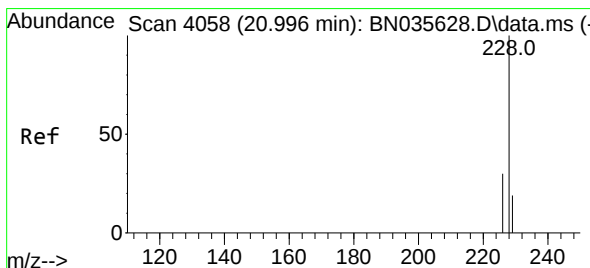
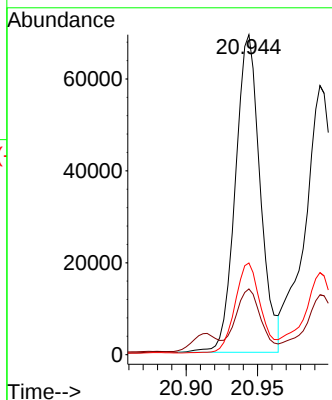
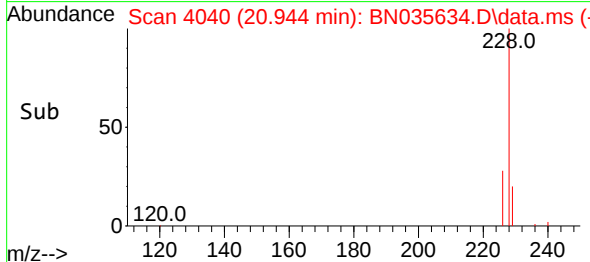
Instrument :
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E28S4



Tgt Ion:228 Resp: 83475
Ion Ratio Lower Upper
228 100
229 20.5 16.6 25.0
226 28.6 22.5 33.7

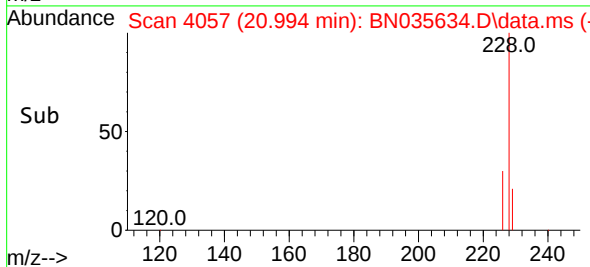
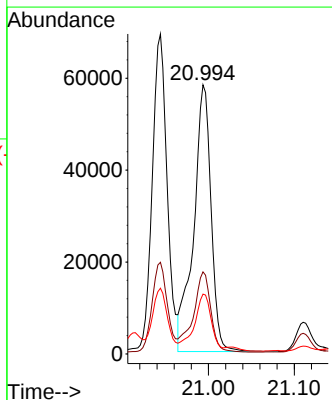
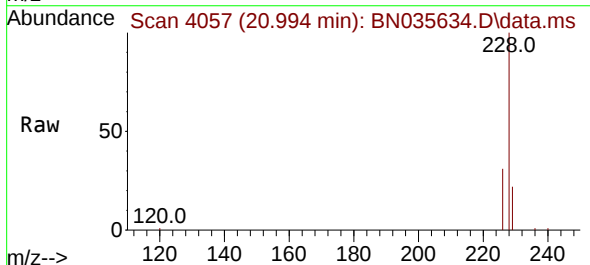
Manual Integrations
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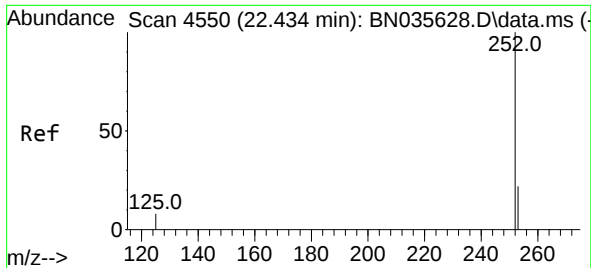
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 2.117 ng/ul
RT: 20.994 min Scan# 4057
Delta R.T. -0.006 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

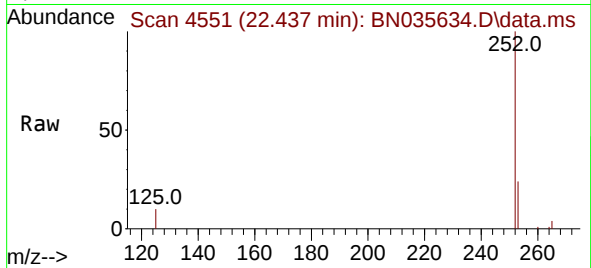
Tgt Ion:228 Resp: 81652
Ion Ratio Lower Upper
228 100
226 30.5 25.1 37.7
229 22.2 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 3.380 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

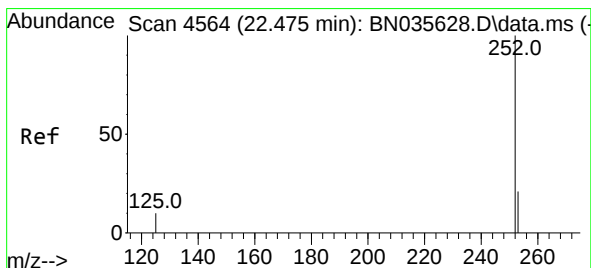
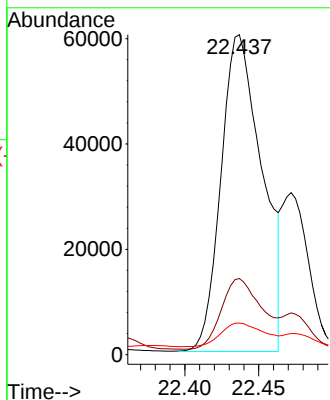
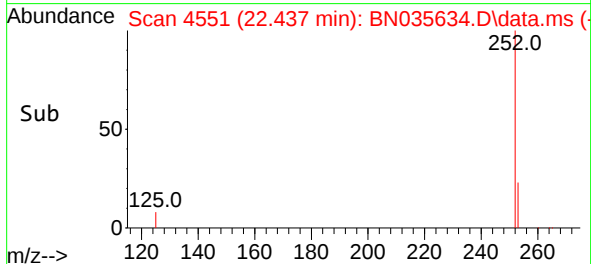
Instrument :
BNA_N
ClientSampleId :
E28S4



Tgt Ion:252 Resp: 11657
Ion Ratio Lower Upper
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253 23.8 0.0 56.4
125 9.8 0.0 37.6

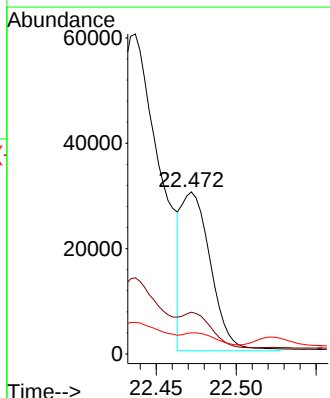
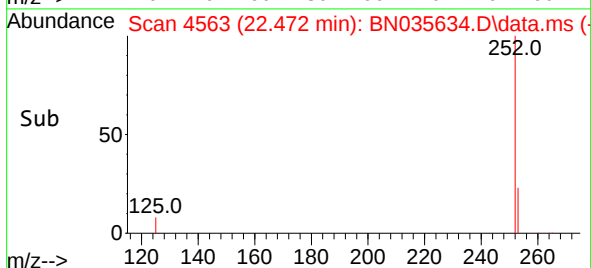
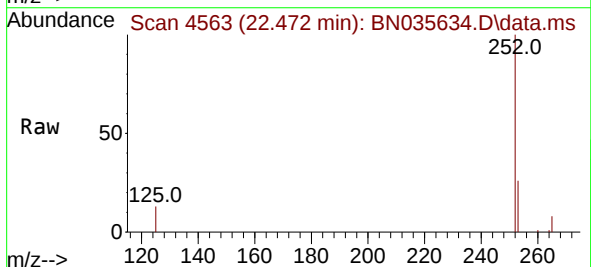
Manual Integrations
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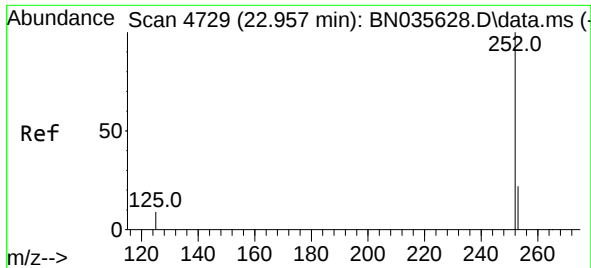
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.005 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

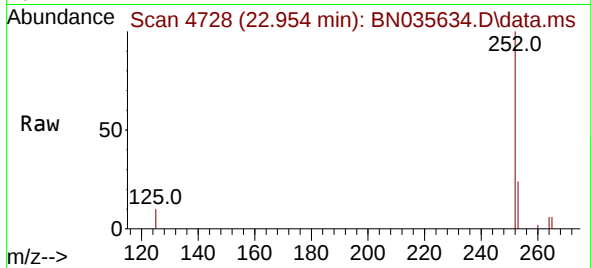
Tgt Ion:252 Resp: 38346
Ion Ratio Lower Upper
252 100
253 25.7 22.1 33.1
125 13.0 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 2.443 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

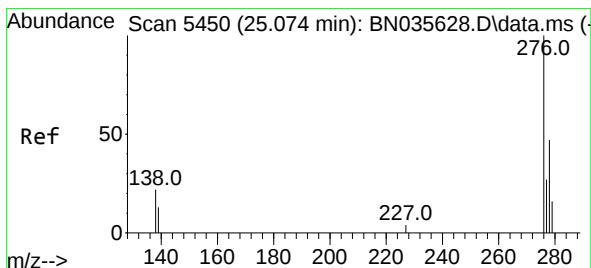
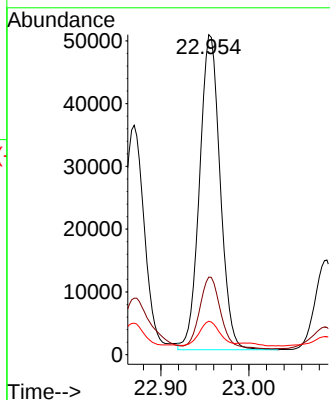
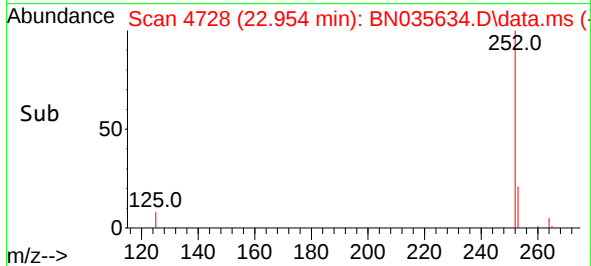
Instrument :
BNA_N
ClientSampleId :
E28S4



Tgt Ion:252 Resp: 81584
Ion Ratio Lower Upper
252 100
253 24.3 24.1 36.1
125 10.5 19.1 28.7

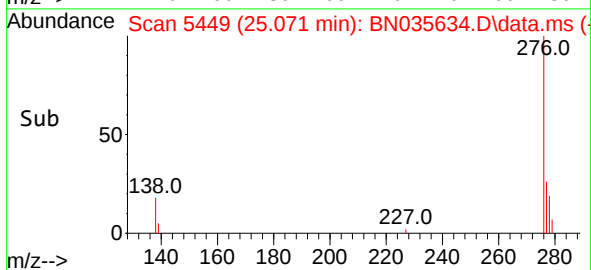
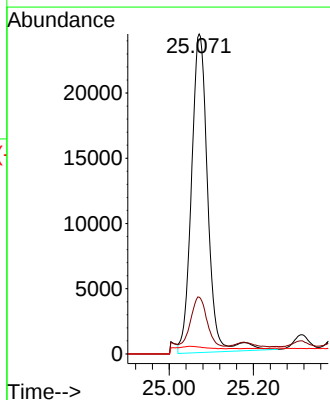
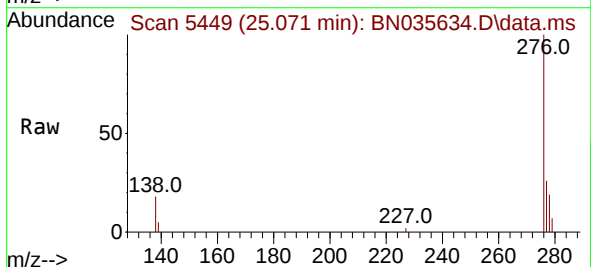
Manual Integrations
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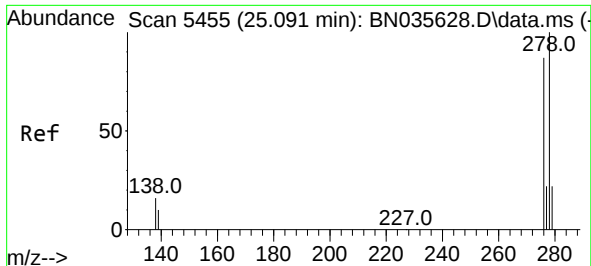
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.616 ng/ul
RT: 25.071 min Scan# 5449
Delta R.T. -0.010 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

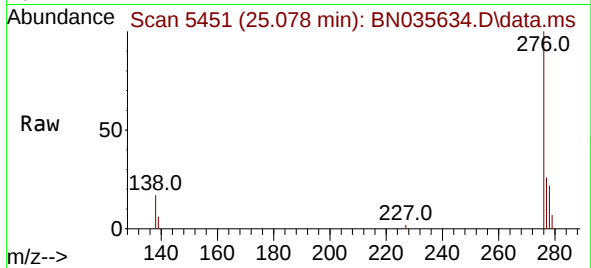
Tgt Ion:276 Resp: 65697
Ion Ratio Lower Upper
276 100
138 21.7 14.7 22.1
227 0.0 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.452 ng/ul m
RT: 25.078 min Scan# 5455
Delta R.T. -0.023 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

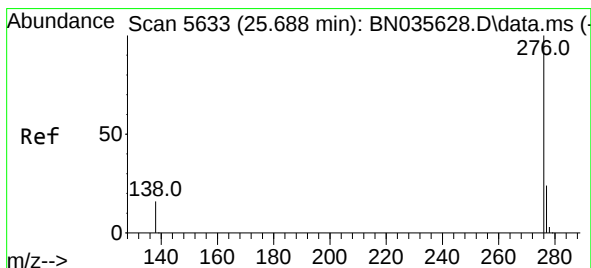
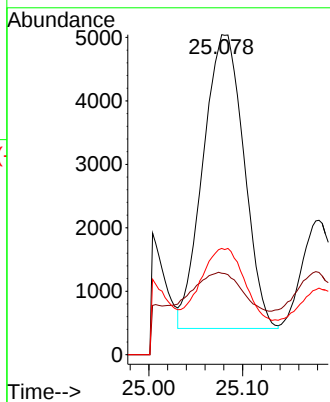
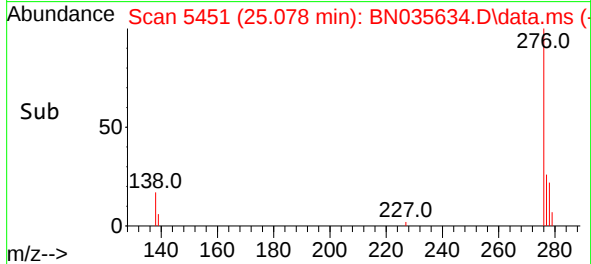
Instrument :
BNA_N
ClientSampleId :
E28S4



Tgt Ion:278 Resp: 14029
Ion Ratio Lower Upper
278 100
139 25.5 19.8 29.8
279 33.2 24.0 36.0

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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 1.966 ng/ul
RT: 25.688 min Scan# 5633
Delta R.T. -0.010 min
Lab File: BN035634.D
Acq: 17 Dec 2024 02:00

Tgt Ion:276 Resp: 64160
Ion Ratio Lower Upper
276 100
138 18.1 19.6 29.4#
277 24.8 21.6 32.4

