

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035671.D
 Acq On : 18 Dec 2024 15:40
 Operator : RC/JU
 Sample : P5155-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W3

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 16:24:12 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	2981	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8599	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5920	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12410	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	10527	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10647m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	8793	3.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2383	0.195	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4833	0.157	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	8099m	0.384	ng/ul	
7) 2-Methylnaphthalene	11.703	142	2674	0.188	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	1397	0.095	ng/ul	100
10) Acenaphthylene	13.657	152	1967	0.086	ng/ul#	87
11) Acenaphthene	14.004	153	598	0.034	ng/ul	94
12) Fluorene	15.008	166	1225	0.061	ng/ul#	91
15) Phenanthrene	16.755	178	18961	0.610	ng/ul	99
16) Anthracene	16.844	178	3866	0.133	ng/ul#	93
19) Fluoranthene	18.795	202	36072	0.958	ng/ul	99
20) Pyrene	19.167	202	36978	0.892	ng/ul	98
21) Benzo(a)anthracene	20.947	228	24723	0.708	ng/ul	96
22) Chrysene	20.996	228	30240	0.835	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	51168m	1.631	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	18432m	0.531	ng/ul	
26) Benzo(a)pyrene	22.960	252	38026	1.251	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.078	276	30572m	0.826	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	6762m	0.239	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	35309	1.189	ng/ul	95

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

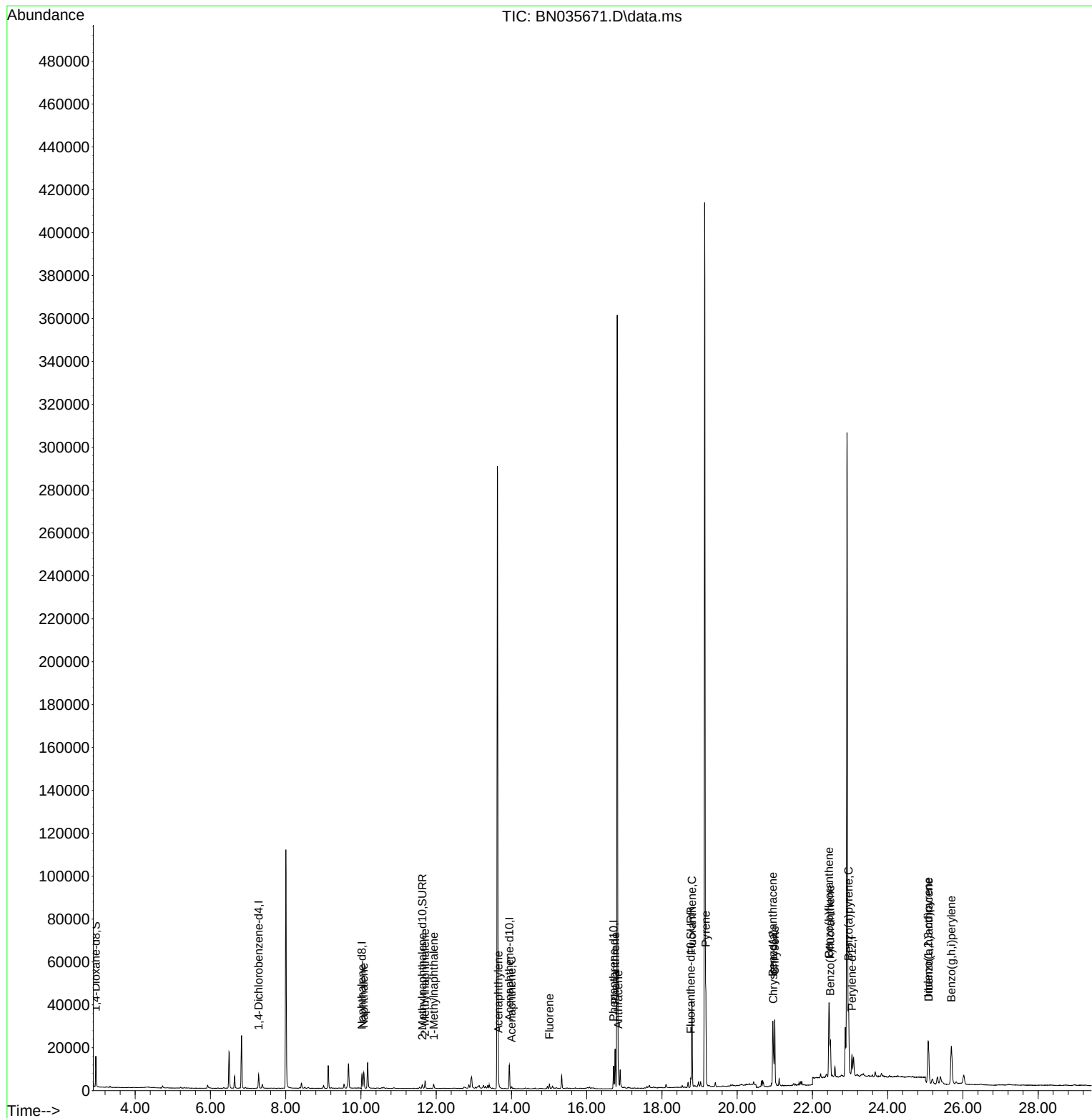
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

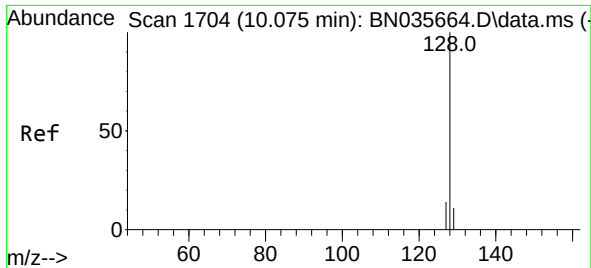
Instrument :
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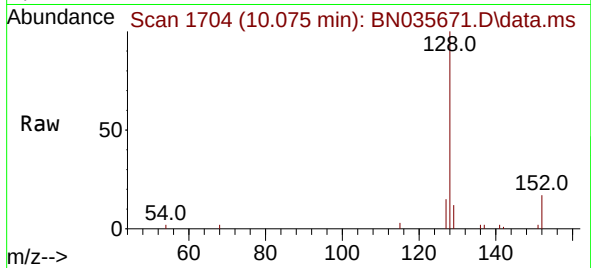
Quant Time: Dec 18 16:24:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.384 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

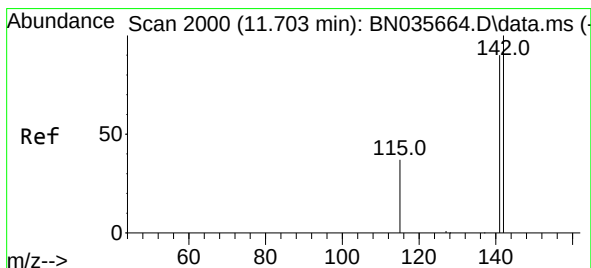
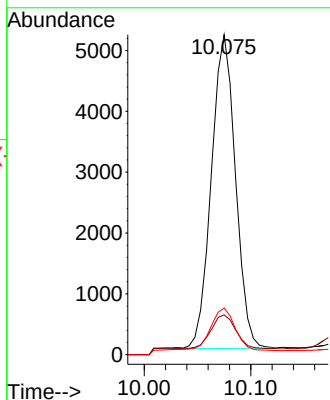
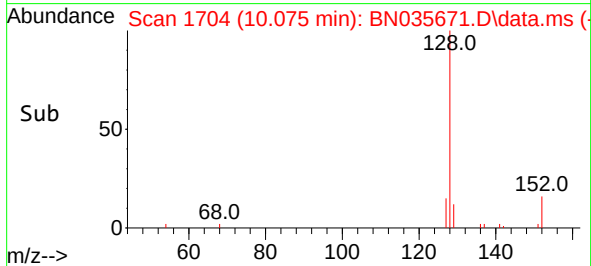
Instrument :
BNA_N
ClientSampleId :
E28W3



Tgt Ion:128 Resp: 8099
Ion Ratio Lower Upper
128 100
129 12.5 10.8 16.2
127 14.5 12.0 18.0

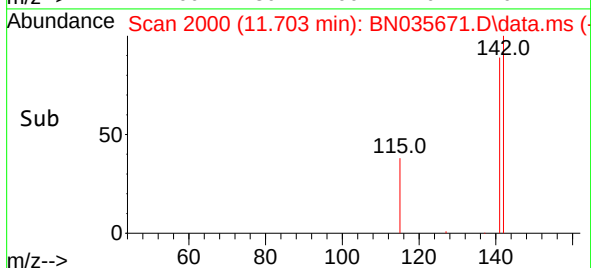
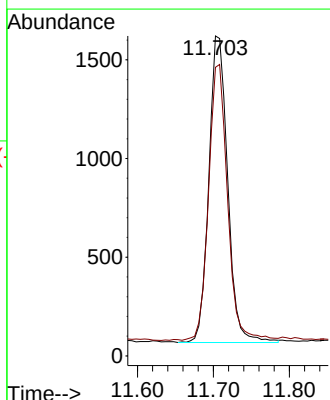
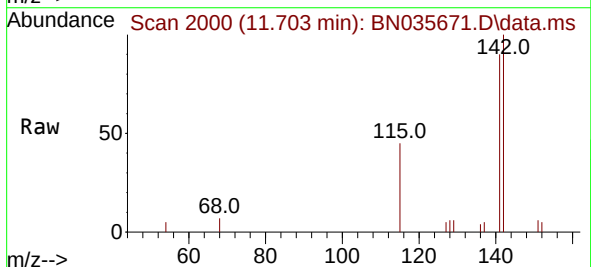
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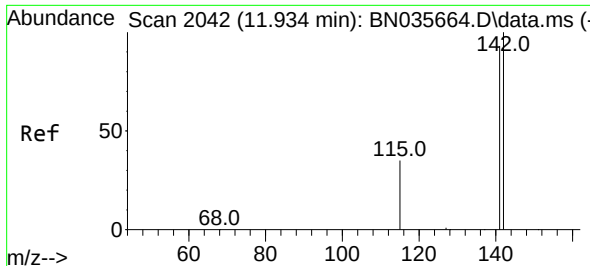
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.188 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

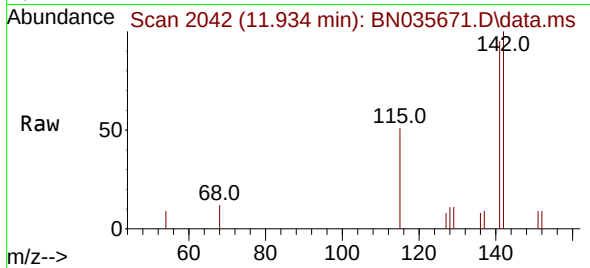
Tgt Ion:142 Resp: 2674
Ion Ratio Lower Upper
142 100
141 90.7 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

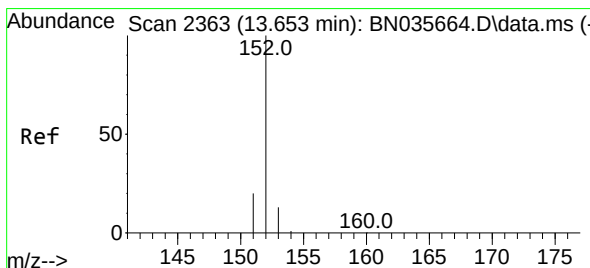
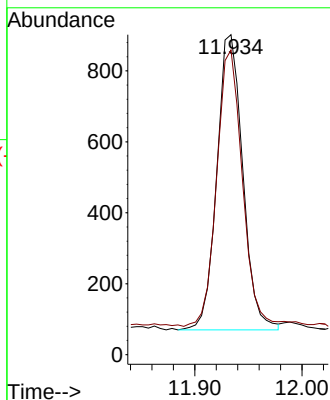
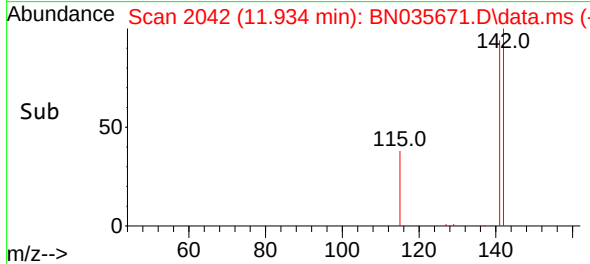
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 1397
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1

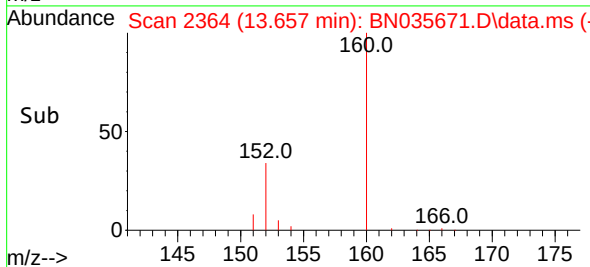
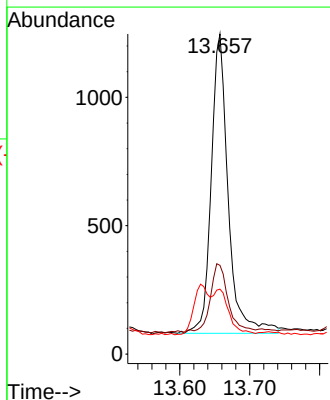
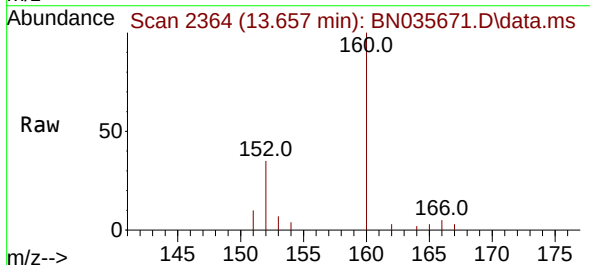
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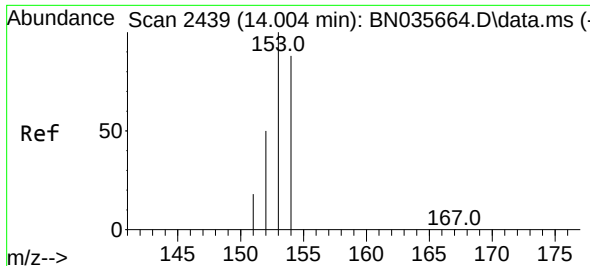
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.004 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

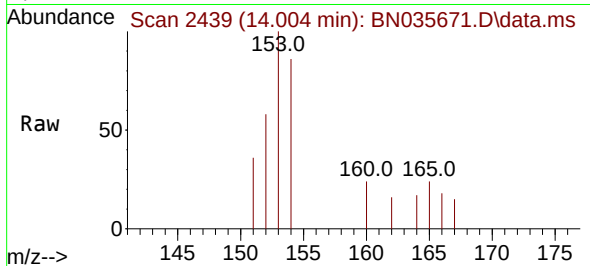
Tgt Ion:152 Resp: 1967
Ion Ratio Lower Upper
152 100
151 27.7 17.6 26.4#
153 20.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.034 ng/uI
RT: 14.004 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

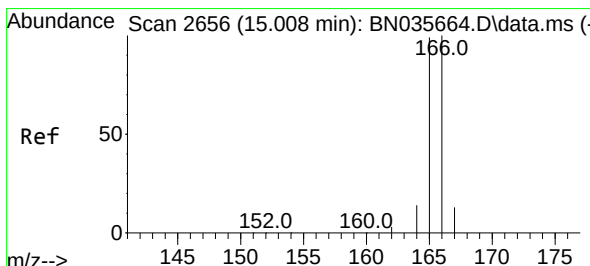
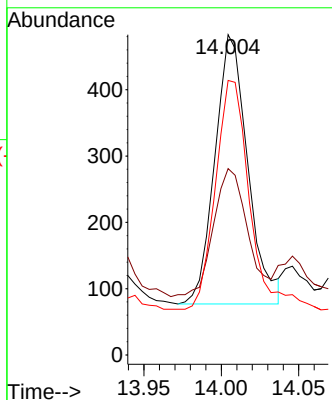
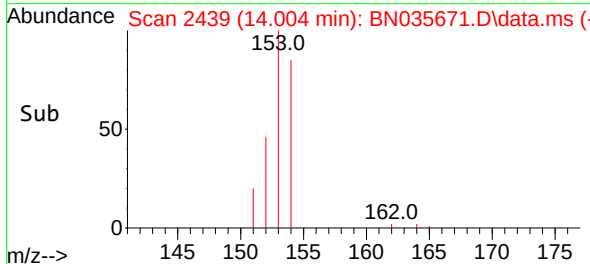
Instrument :
BNA_N
ClientSampleId :
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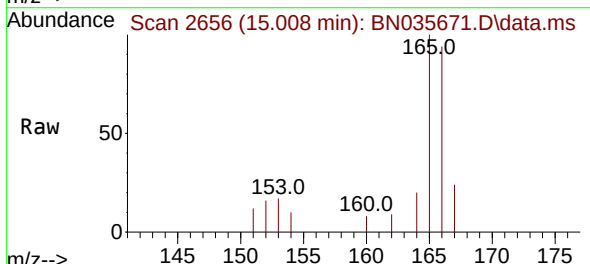
Tgt Ion:153 Resp: 598
Ion Ratio Lower Upper
153 100
152 58.2 39.8 59.6
154 85.7 69.8 104.8

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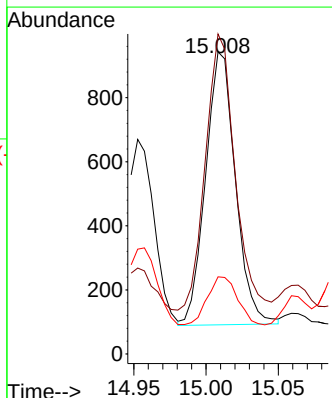
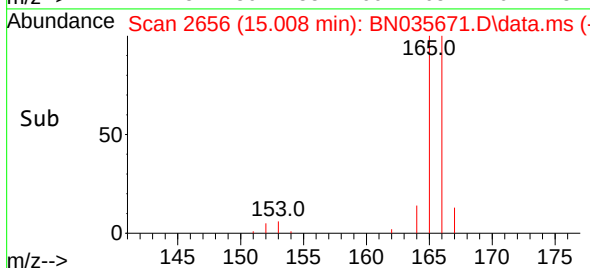
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

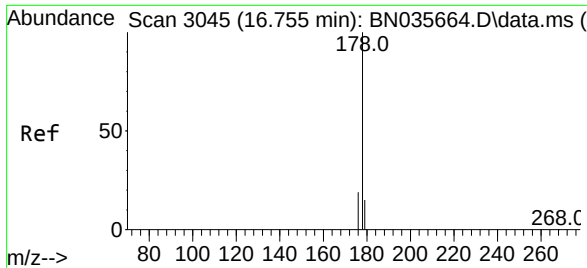


#12
Fluorene
Concen: 0.061 ng/uI
RT: 15.008 min Scan# 2656
Delta R.T. -0.004 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40



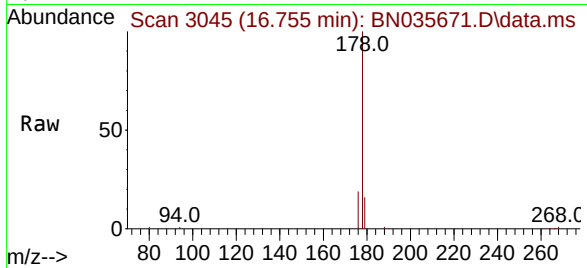
Tgt Ion:166 Resp: 1225
Ion Ratio Lower Upper
166 100
165 105.9 79.5 119.3
167 25.6 11.8 17.8#





#15
Phenanthrene
Concen: 0.610 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

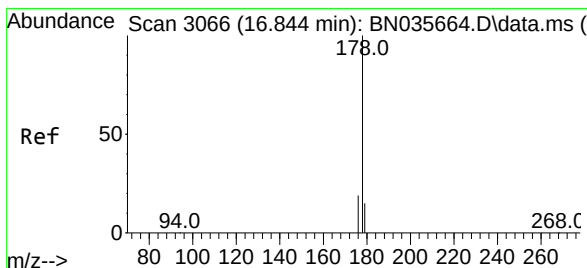
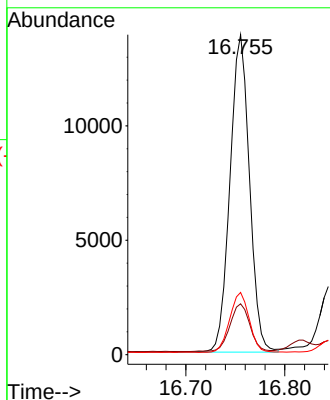
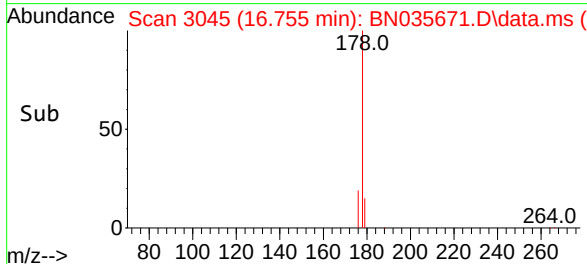
Instrument :
BNA_N
ClientSampleId :
E28W3



Tgt Ion:178 Resp: 1896
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.5 15.8 23.8

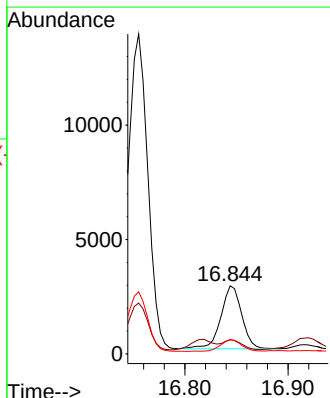
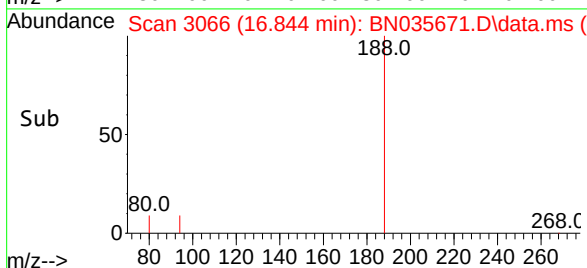
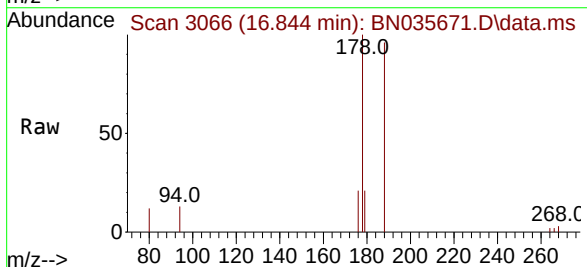
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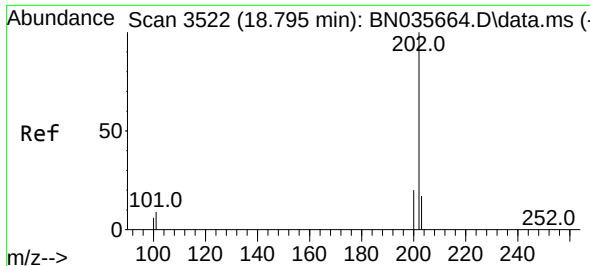
Reviewed By :Yogesh Patel 12/21/2024
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#16
Anthracene
Concen: 0.133 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

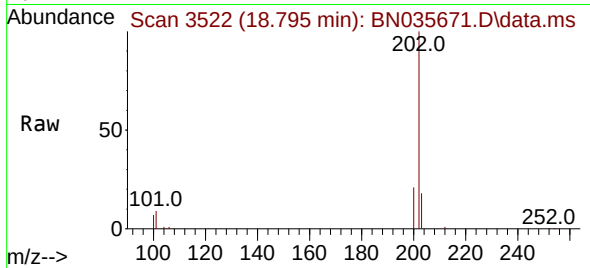
Tgt Ion:178 Resp: 3866
Ion Ratio Lower Upper
178 100
179 20.6 13.4 20.0#
176 21.3 15.4 23.0





#19
Fluoranthene
Concen: 0.958 ng/u1
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

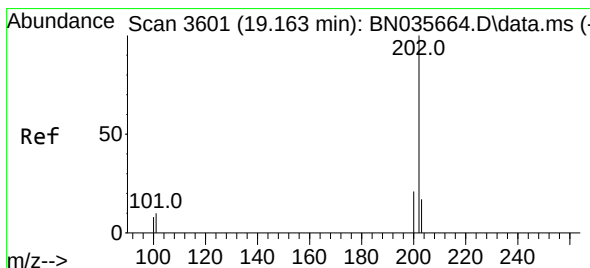
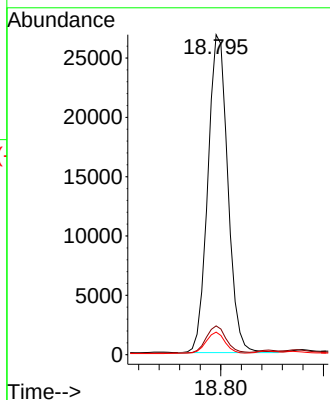
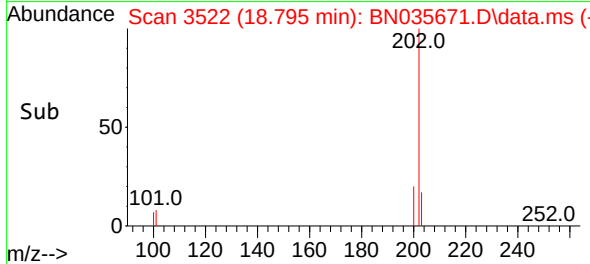
Instrument :
BNA_N
ClientSampleId :
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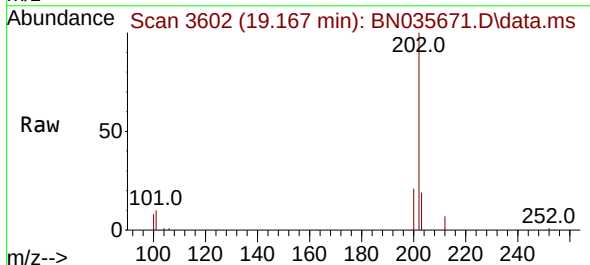
Tgt Ion:202 Resp: 36072
Ion Ratio Lower Upper
202 100
101 9.0 7.3 10.9
100 7.1 5.4 8.0

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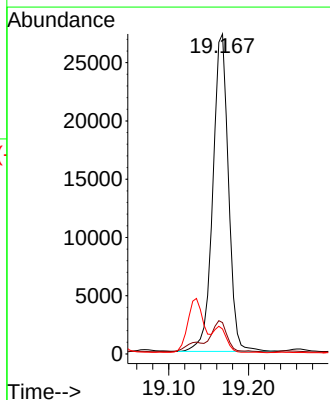
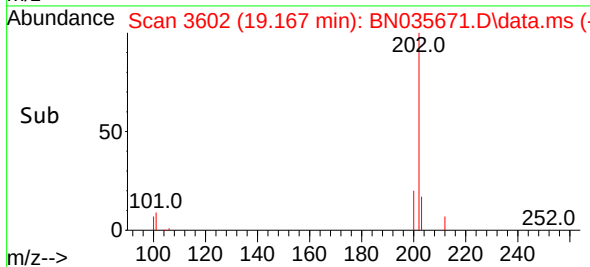
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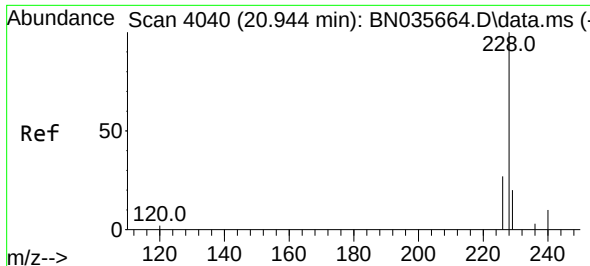


#20
Pyrene
Concen: 0.892 ng/u1
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40



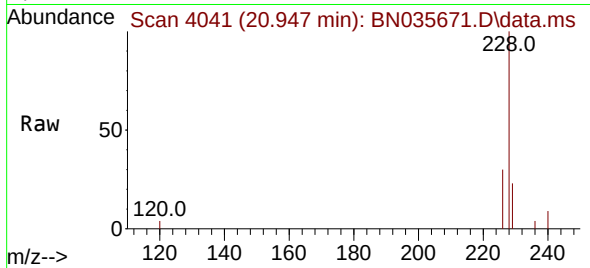
Tgt Ion:202 Resp: 36978
Ion Ratio Lower Upper
202 100
101 9.8 8.5 12.7
100 7.8 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.708 ng/u1
RT: 20.947 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

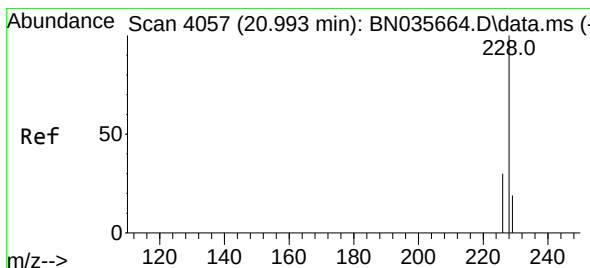
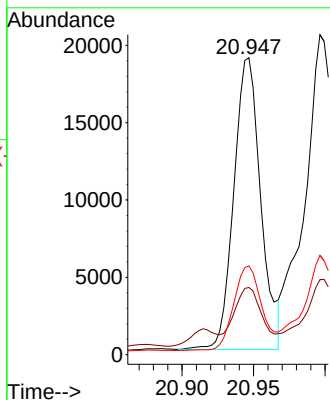
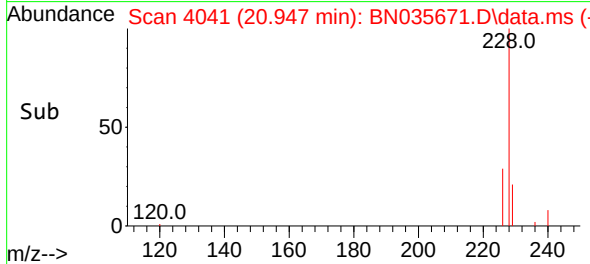
Instrument :
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E28W3



Tgt Ion:228 Resp: 2472
Ion Ratio Lower Upper
228 100
229 22.6 16.6 25.0
226 29.9 22.5 33.7

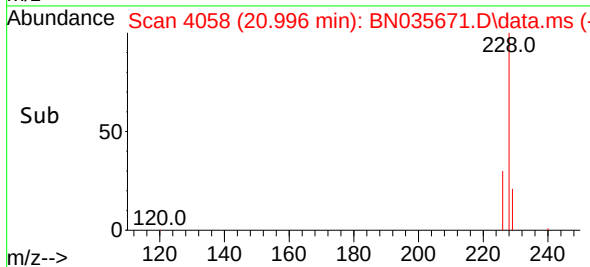
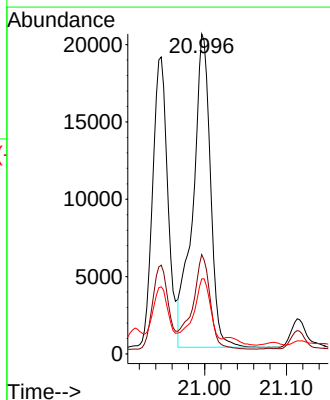
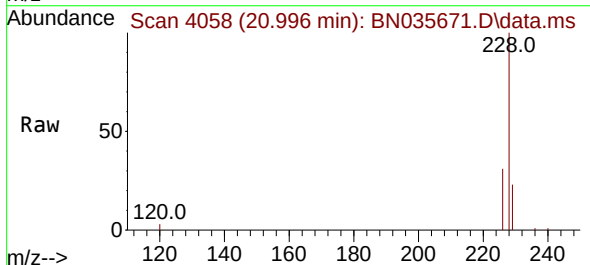
Manual Integrations
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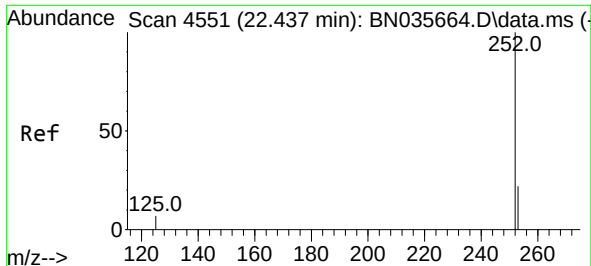
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.835 ng/u1
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

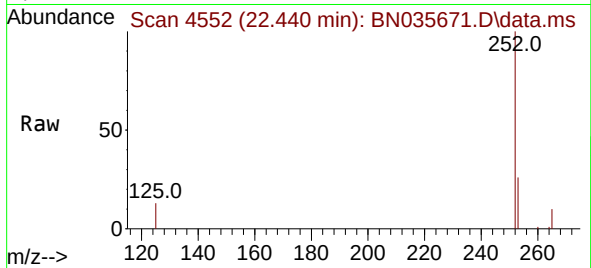
Tgt Ion:228 Resp: 30240
Ion Ratio Lower Upper
228 100
226 31.0 25.1 37.7
229 23.5 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 1.631 ng/ul m
RT: 22.440 min Scan# 4552
Delta R.T. -0.003 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

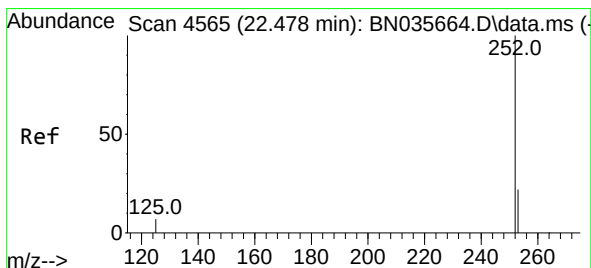
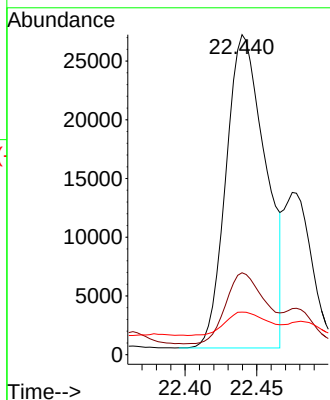
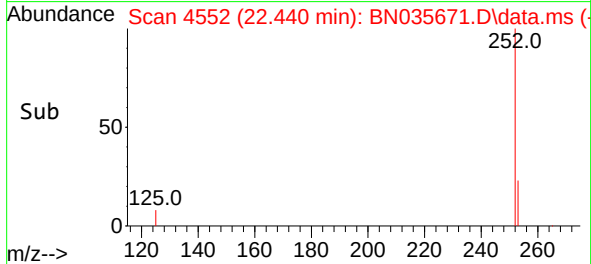
Instrument :
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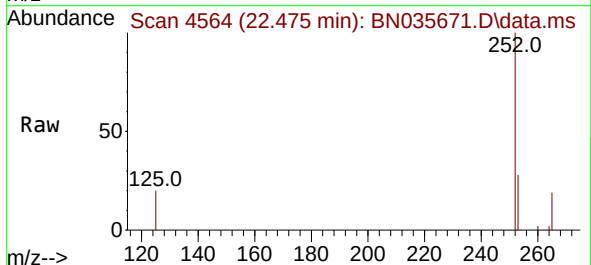
Tgt Ion:252 Resp: 51168
Ion Ratio Lower Upper
252 100
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125 13.3 0.0 37.6

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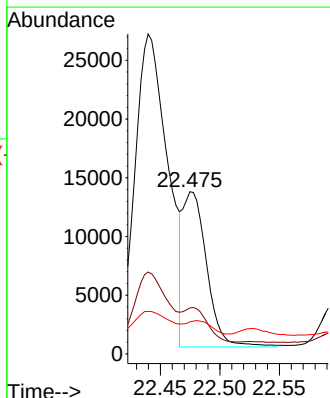
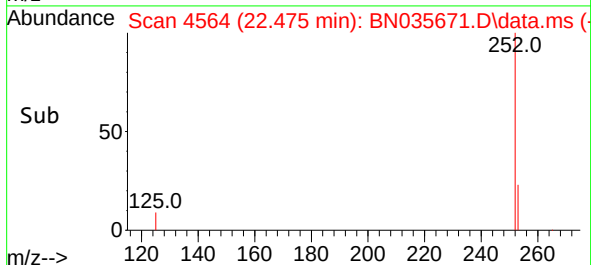
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

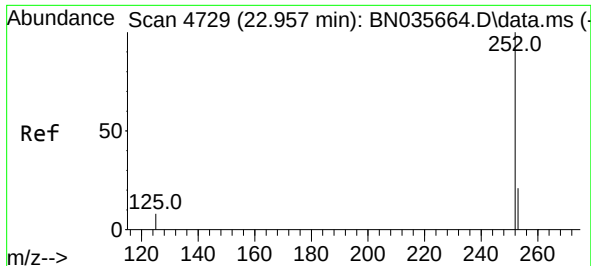


#25
Benzo(k)fluoranthene
Concen: 0.531 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40



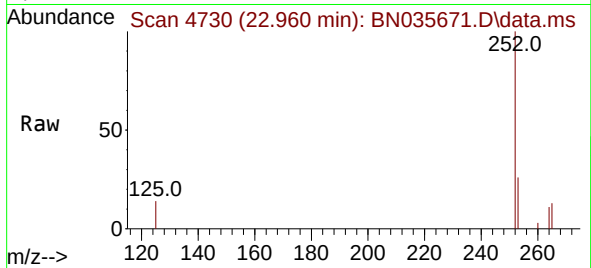
Tgt Ion:252 Resp: 18432
Ion Ratio Lower Upper
252 100
253 28.4 22.1 33.1
125 19.8 15.3 22.9





#26
Benzo(a)pyrene
Concen: 1.251 ng/ul
RT: 22.960 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40

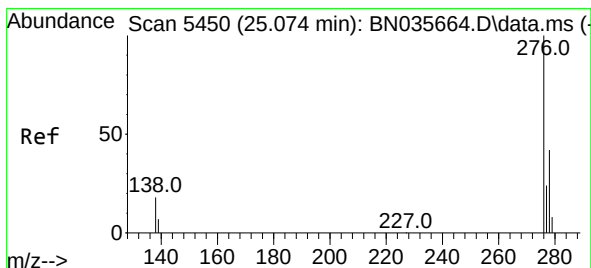
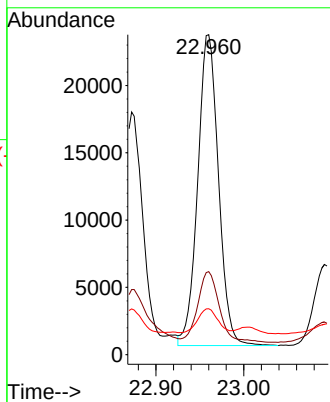
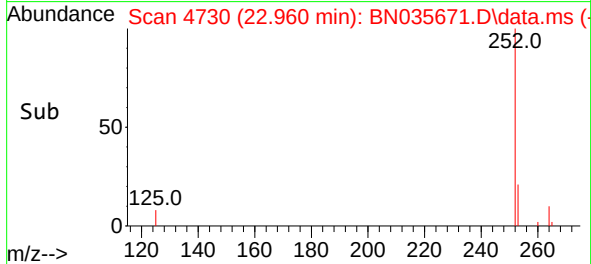
Instrument :
BNA_N
ClientSampleId :
E28W3



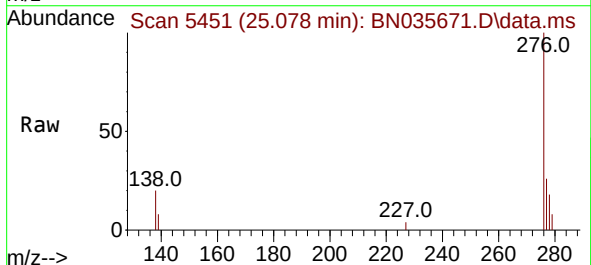
Tgt Ion:252 Resp: 38020
Ion Ratio Lower Upper
252 100
253 26.0 24.1 36.1
125 14.3 19.1 28.7

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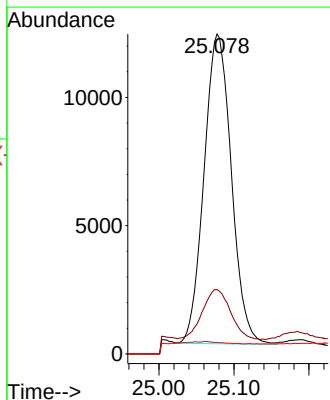
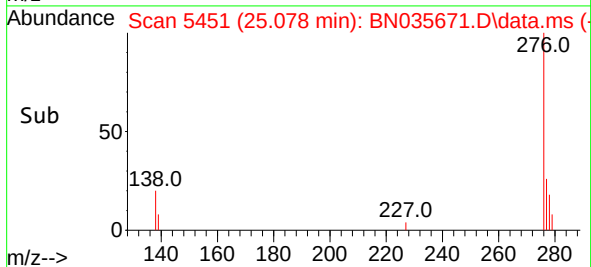
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

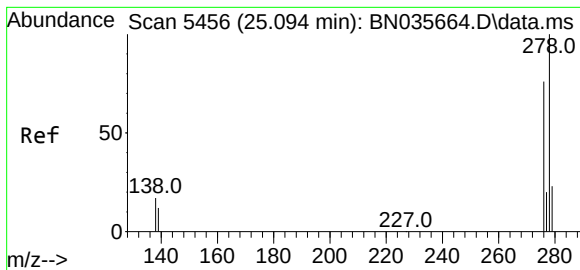


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.826 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035671.D
Acq: 18 Dec 2024 15:40



Tgt Ion:276 Resp: 30572
Ion Ratio Lower Upper
276 100
138 29.7 14.7 22.1#
227 0.0 21.6 32.4#





#28

Dibenzo(a,h)anthracene

Concen: 0.239 ng/ul m

RT: 25.088 min Scan# 5456

Delta R.T. -0.013 min

Lab File: BN035671.D

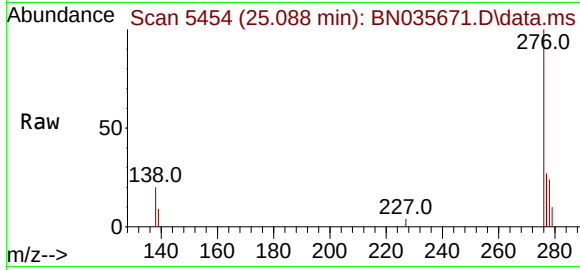
Acq: 18 Dec 2024 15:40

Instrument :

BNA_N

ClientSampleId :

E28W3



Tgt Ion:278 Resp: 6762

Ion Ratio Lower Upper

278 100

139 39.7 19.8 29.8

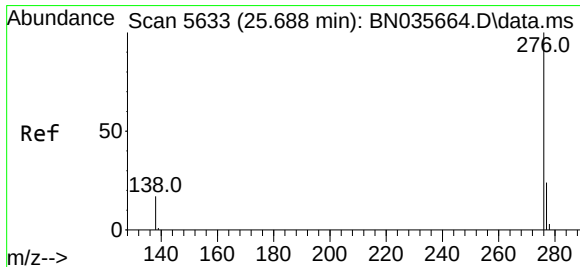
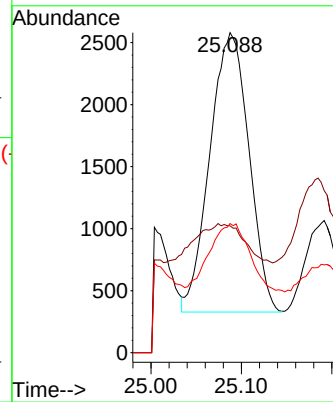
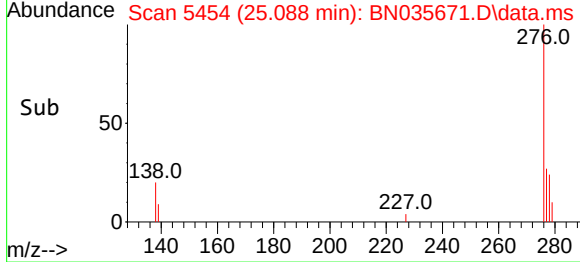
279 40.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/24/2024



#29

Benzo(g,h,i)perylene

Concen: 1.189 ng/ul

RT: 25.691 min Scan# 5634

Delta R.T. -0.007 min

Lab File: BN035671.D

Acq: 18 Dec 2024 15:40

Tgt Ion:276 Resp: 35309

Ion Ratio Lower Upper

276 100

138 20.1 19.6 29.4

277 25.8 21.6 32.4

