

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035673.D
 Acq On : 18 Dec 2024 16:55
 Operator : RC/JU
 Sample : P5155-20DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W3DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 00:46:26 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	2627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7534	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5151	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10633	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9041	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	10411	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1824	0.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	485	0.045	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	947	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	1596m	0.086	ng/ul	
7) 2-Methylnaphthalene	11.708	142	517	0.042	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	296	0.023	ng/ul	92
10) Acenaphthylene	13.657	152	419	0.021	ng/ul#	58
15) Phenanthrene	16.755	178	3732	0.140	ng/ul	96
16) Anthracene	16.848	178	732	0.029	ng/ul#	72
19) Fluoranthene	18.795	202	7062	0.218	ng/ul	96
20) Pyrene	19.162	202	7574	0.213	ng/ul	96
21) Benzo(a)anthracene	20.944	228	4585	0.153	ng/ul#	92
22) Chrysene	20.996	228	6062	0.195	ng/ul#	93
24) Benzo(b)fluoranthene	22.437	252	10171m	0.332	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	3293m	0.097	ng/ul	
26) Benzo(a)pyrene	22.954	252	7454	0.251	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.077	276	5886m	0.163	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	1231m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	6802	0.234	ng/ul#	91

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

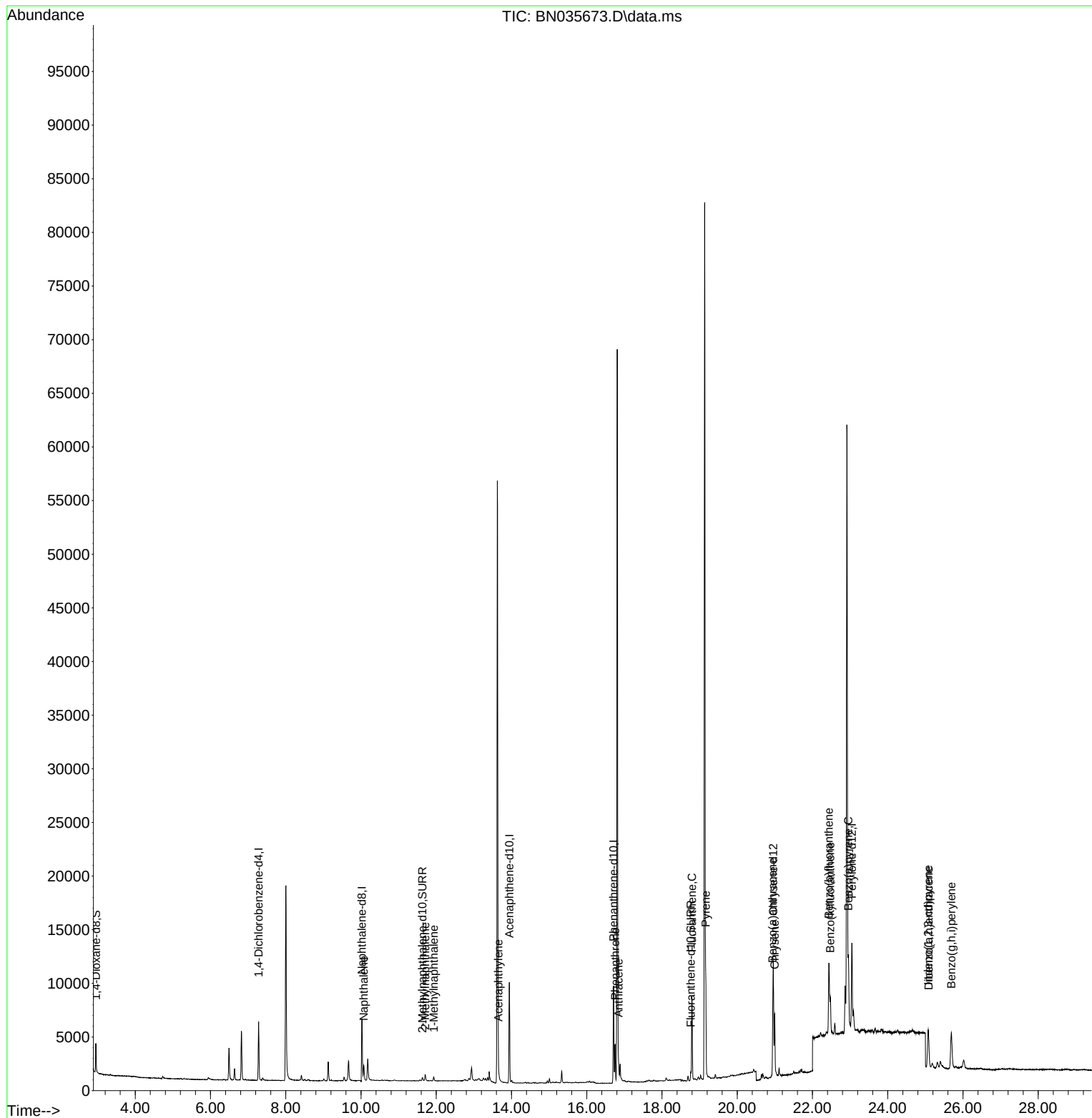
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

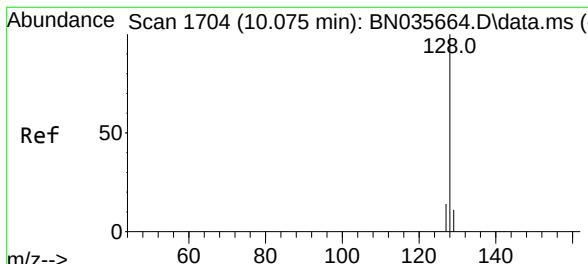
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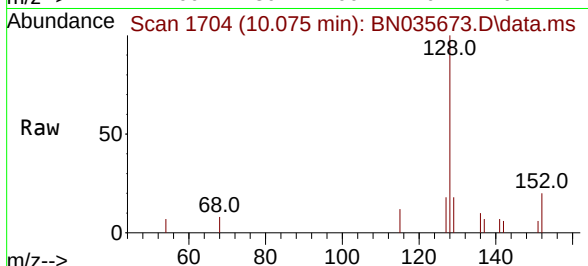
Quant Time: Dec 19 00:46:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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#5
Naphthalene
Concen: 0.086 ng/ul m
RT: 10.075 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

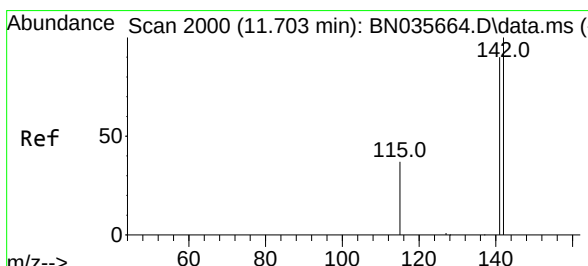
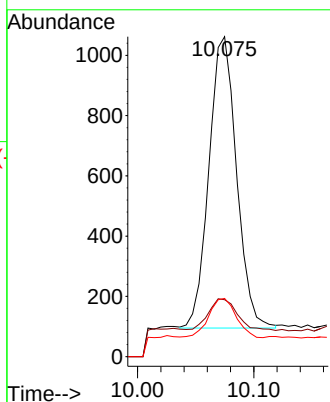
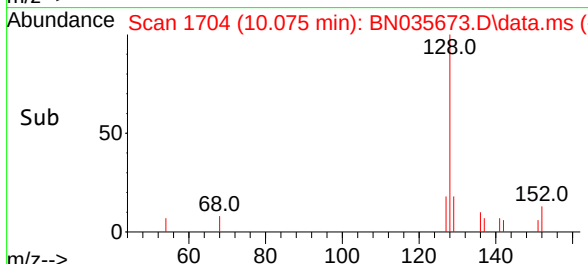
Instrument :
BNA_N
ClientSampleId :
E28W3DL



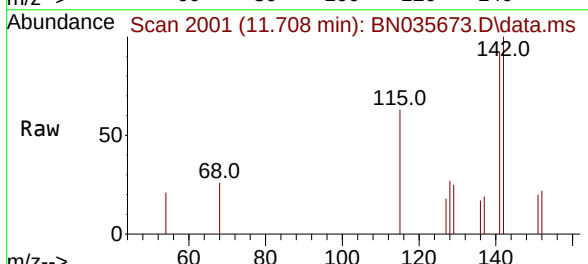
Tgt Ion:128 Resp: 1590
Ion Ratio Lower Upper
128 100
129 17.8 10.8 16.2
127 18.2 12.0 18.0

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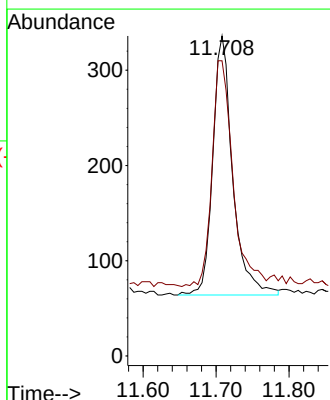
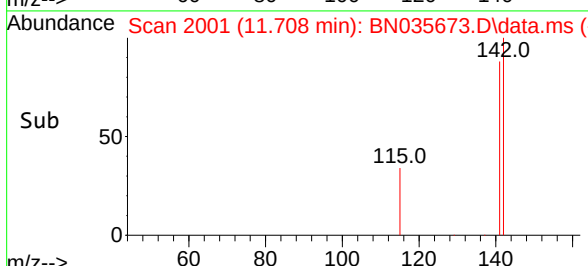
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

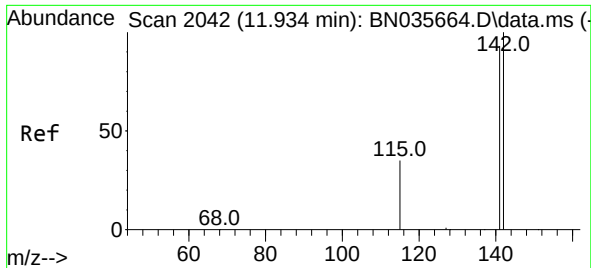


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55



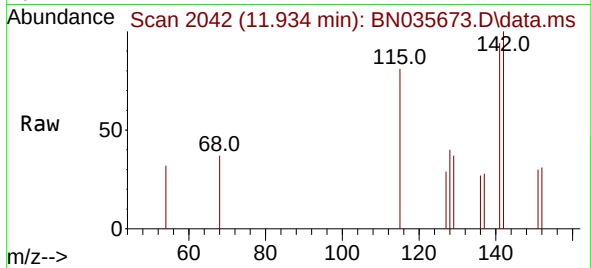
Tgt Ion:142 Resp: 517
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.934 min Scan# 2042
Delta R.T. -0.005 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

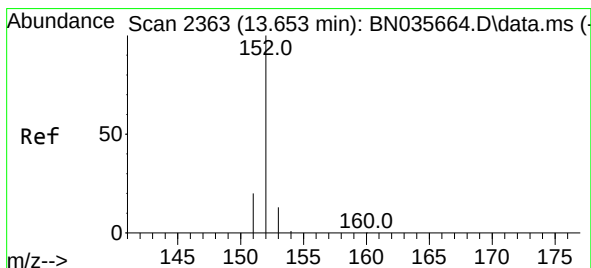
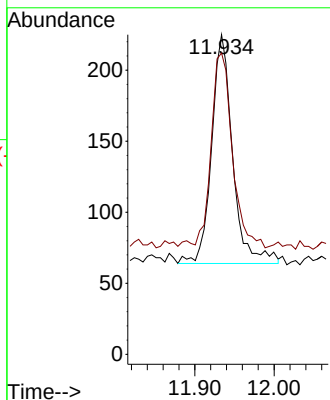
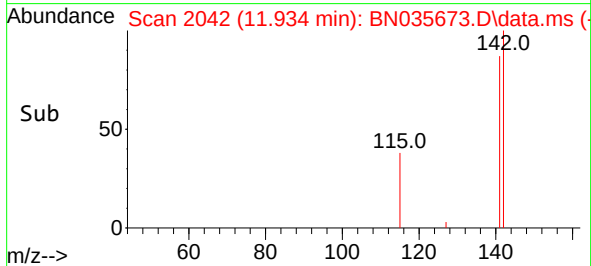
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 290
Ion Ratio Lower Upper
142 100
141 85.8 74.7 112.1

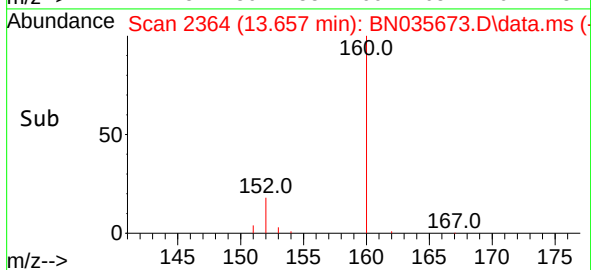
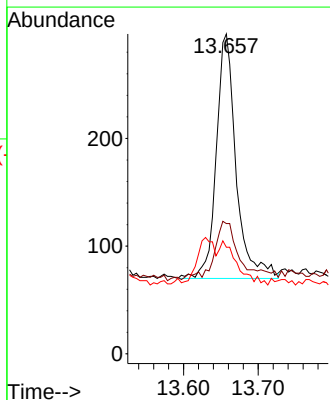
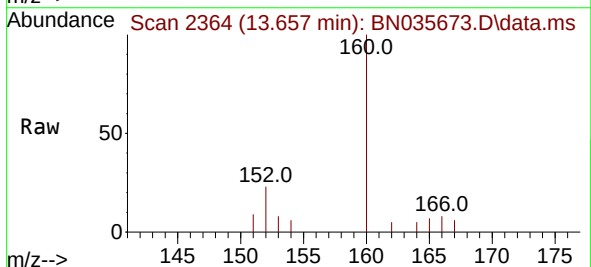
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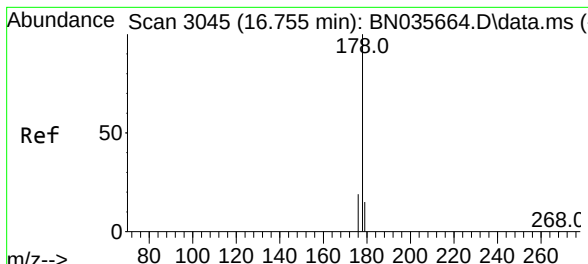
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

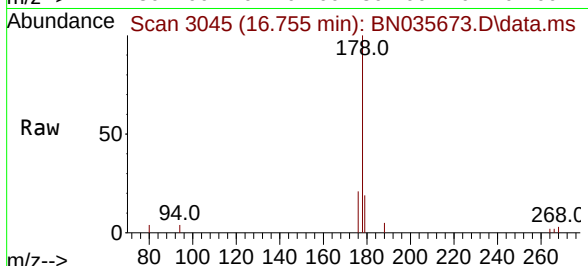
Tgt Ion:152 Resp: 419
Ion Ratio Lower Upper
152 100
151 40.7 17.6 26.4#
153 33.3 11.4 17.2#





#15
Phenanthrene
Concen: 0.140 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

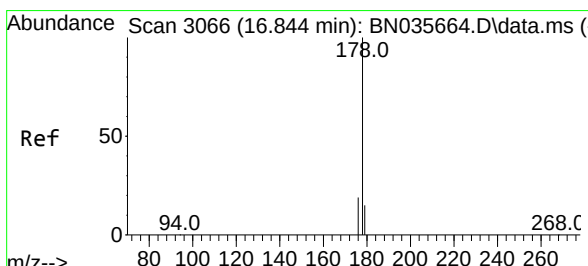
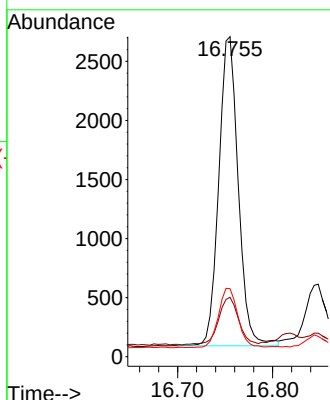
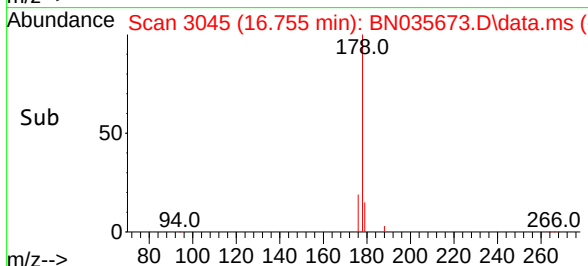
Instrument :
BNA_N
ClientSampleId :
E28W3DL



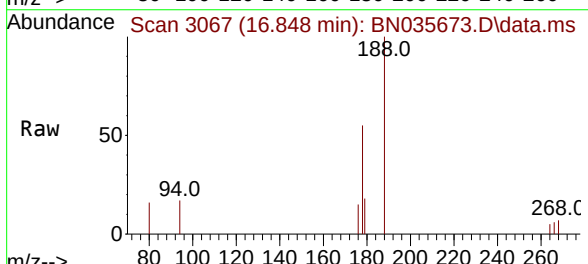
Tgt Ion:178 Resp: 3732
Ion Ratio Lower Upper
178 100
179 18.6 13.3 19.9
176 21.3 15.8 23.8

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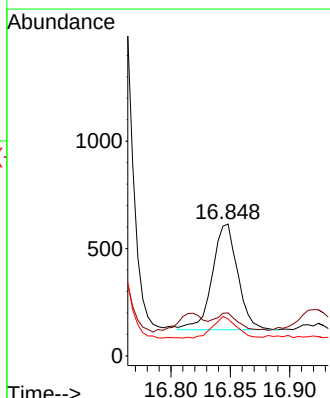
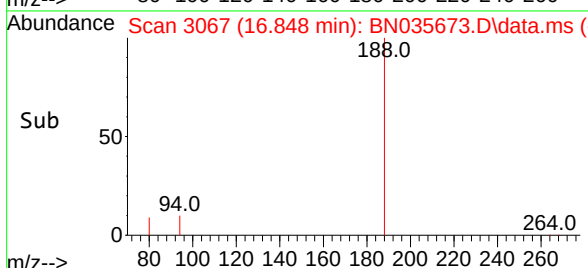
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

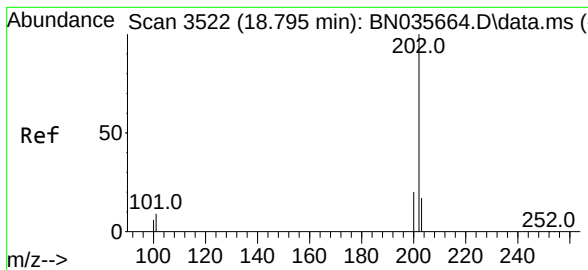


#16
Anthracene
Concen: 0.029 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55



Tgt Ion:178 Resp: 732
Ion Ratio Lower Upper
178 100
179 32.6 13.4 20.0#
176 28.0 15.4 23.0#





#19

Fluoranthene

Concen: 0.218 ng/ul

RT: 18.795 min Scan# 3522

Delta R.T. -0.005 min

Lab File: BN035673.D

Acq: 18 Dec 2024 16:55

Instrument :

BNA_N

ClientSampleId :

E28W3DL

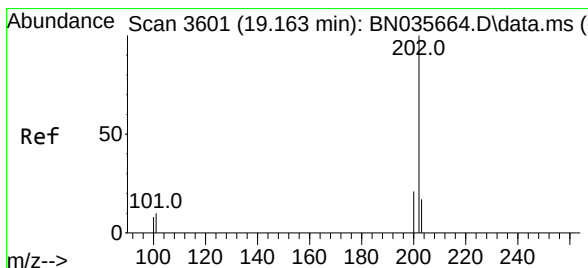
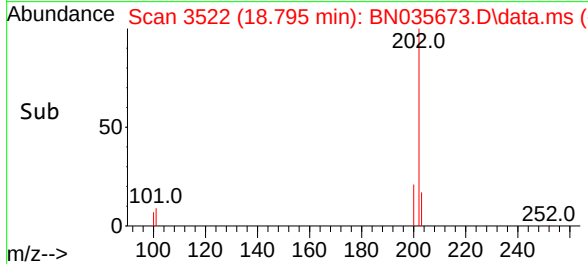
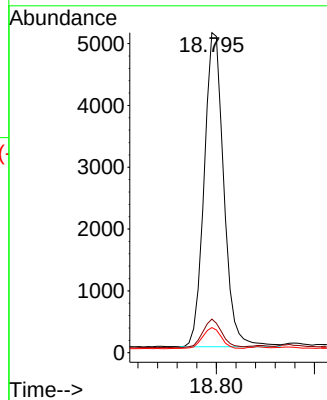
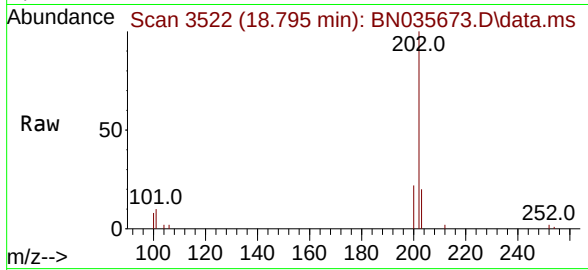
Tgt Ion:	202	Resp:	7062
Ion Ratio	Lower	Upper	
202	100		
101	10.5	7.3	10.9
100	7.8	5.4	8.0

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#20

Pyrene

Concen: 0.213 ng/ul

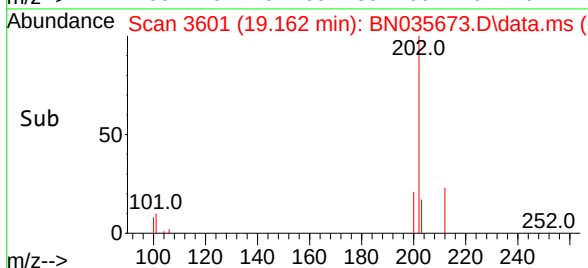
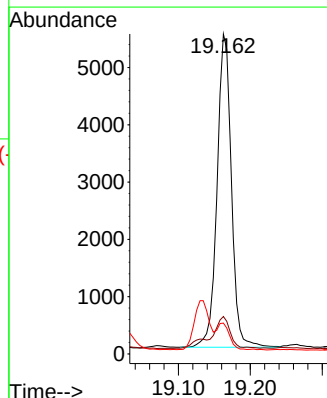
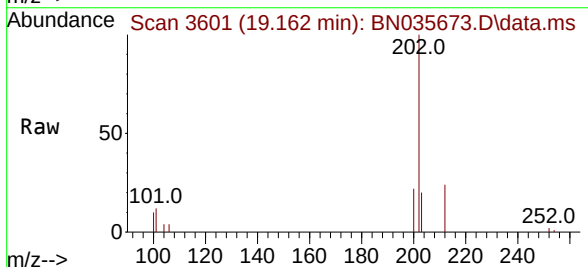
RT: 19.162 min Scan# 3601

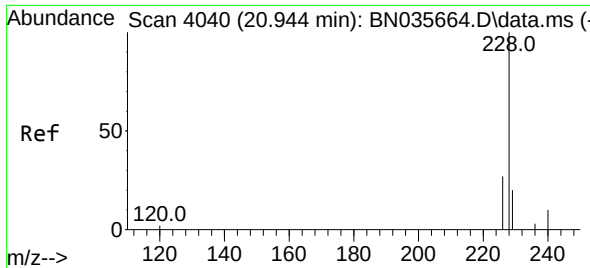
Delta R.T. -0.005 min

Lab File: BN035673.D

Acq: 18 Dec 2024 16:55

Tgt Ion:	202	Resp:	7574
Ion Ratio	Lower	Upper	
202	100		
101	11.7	8.5	12.7
100	9.7	6.5	9.7





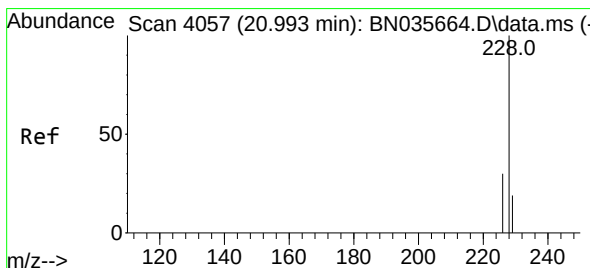
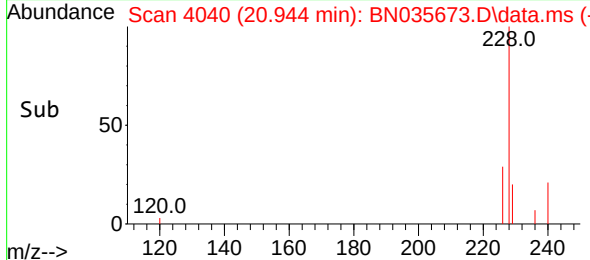
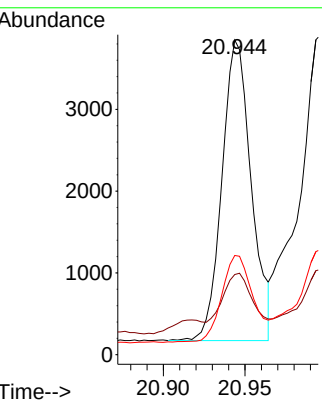
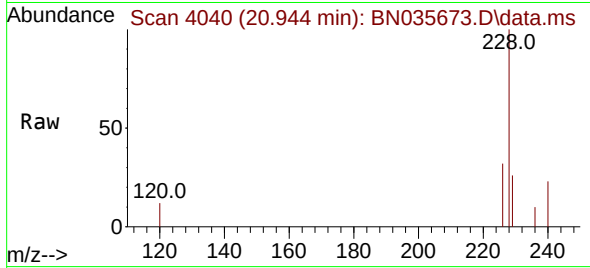
#21
Benzo(a)anthracene
Concen: 0.153 ng/u1
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Tgt Ion:228 Resp: 458
Ion Ratio Lower Upper
228 100
229 25.5 16.6 25.0
226 31.5 22.5 33.7

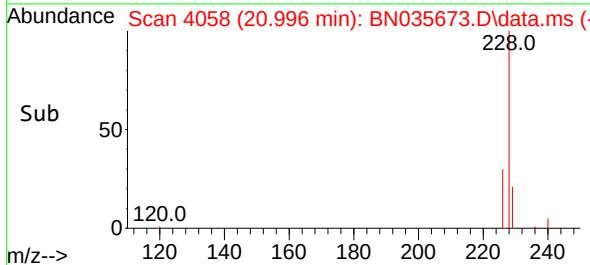
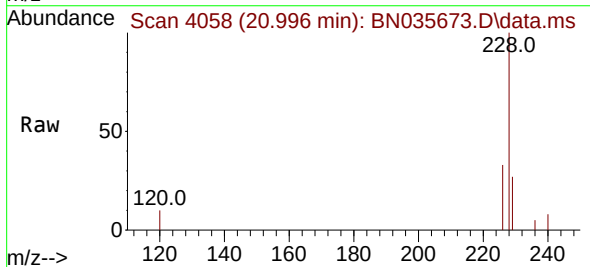
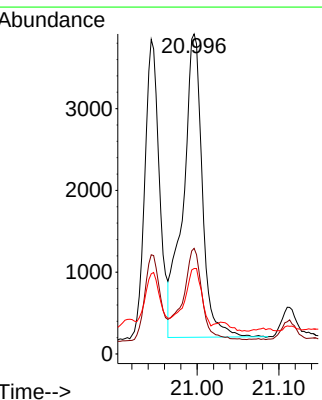
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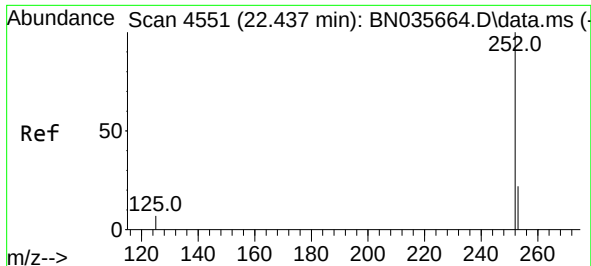
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.195 ng/u1
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

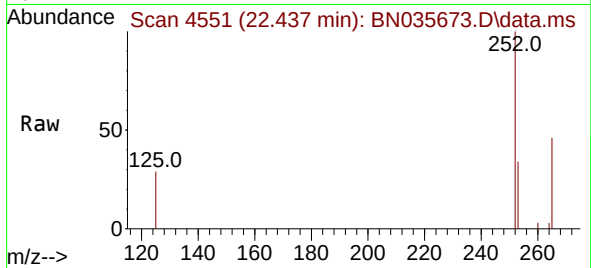
Tgt Ion:228 Resp: 6062
Ion Ratio Lower Upper
228 100
226 33.0 25.1 37.7
229 26.7 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

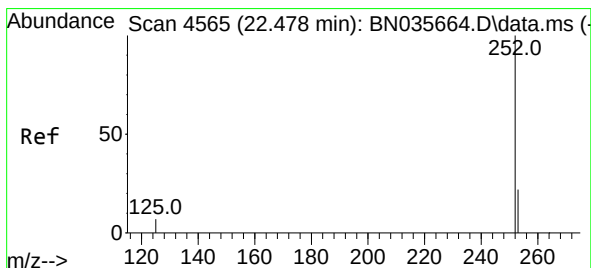
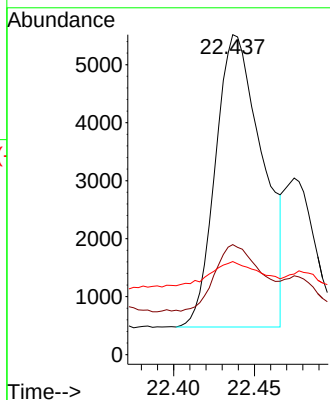
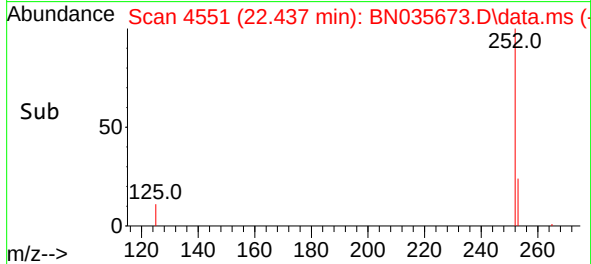
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ClientSampleId :
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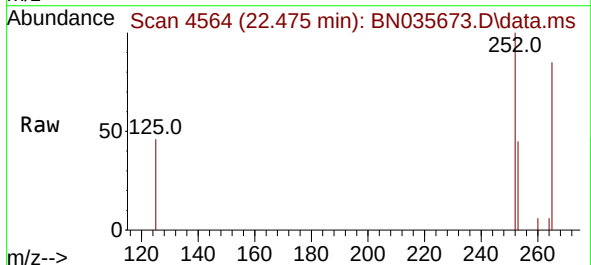
Tgt Ion:252 Resp: 1017
Ion Ratio Lower Upper
252 100
253 34.4 0.0 56.4
125 29.1 0.0 37.6

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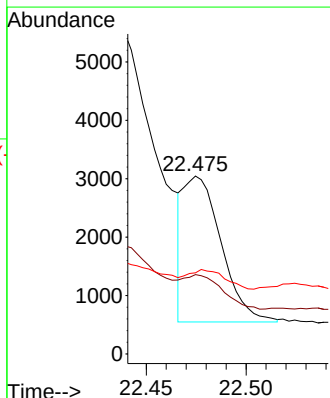
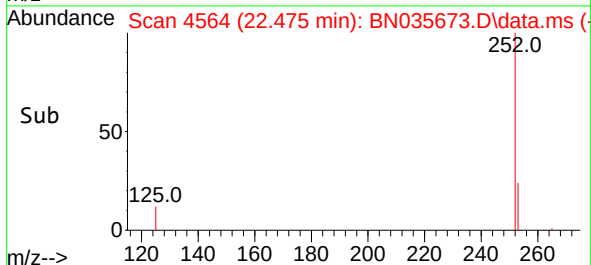
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

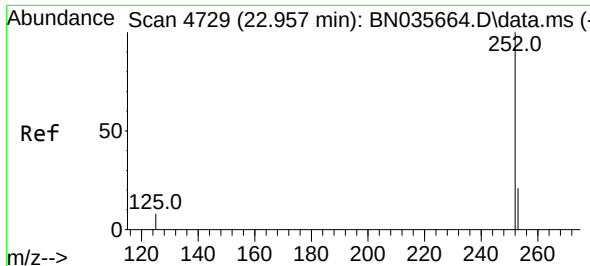


#25
Benzo(k)fluoranthene
Concen: 0.097 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55



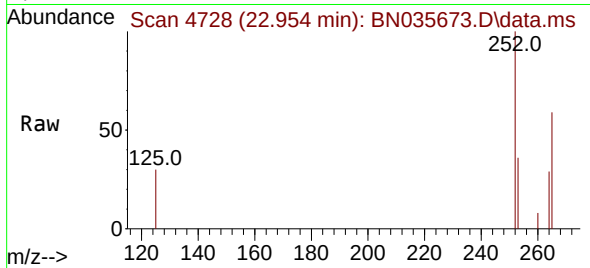
Tgt Ion:252 Resp: 3293
Ion Ratio Lower Upper
252 100
253 44.6 22.1 33.1#
125 45.6 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

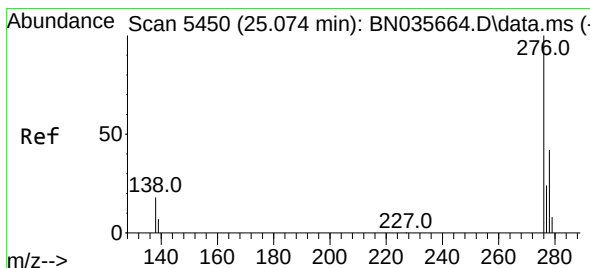
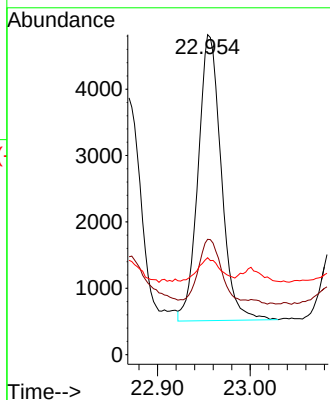
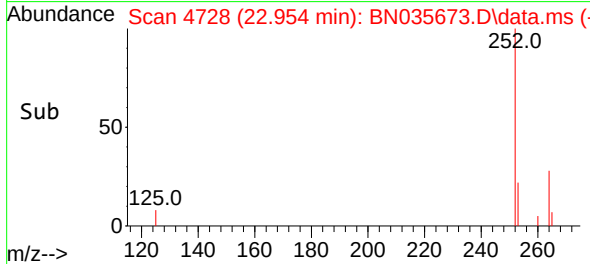
Instrument :
BNA_N
ClientSampleId :
E28W3DL



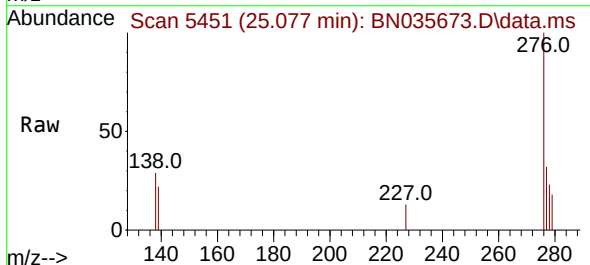
Tgt Ion:252 Resp: 7454
Ion Ratio Lower Upper
252 100
253 36.0 24.1 36.1
125 30.3 19.1 28.7

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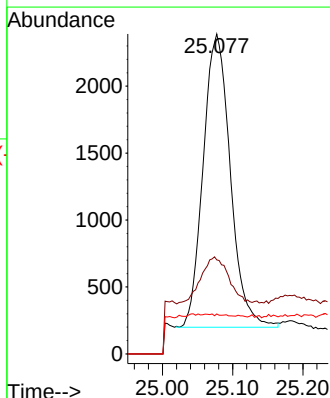
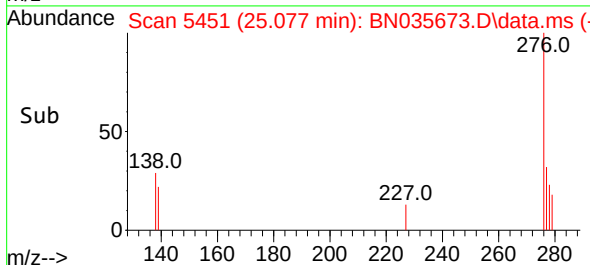
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

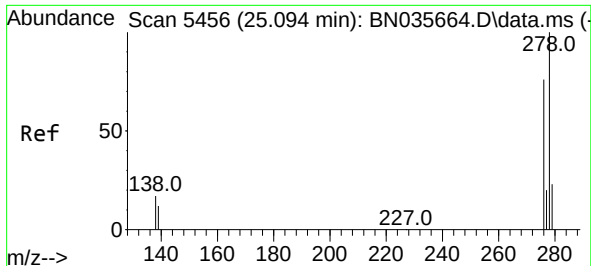


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul m
RT: 25.077 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55



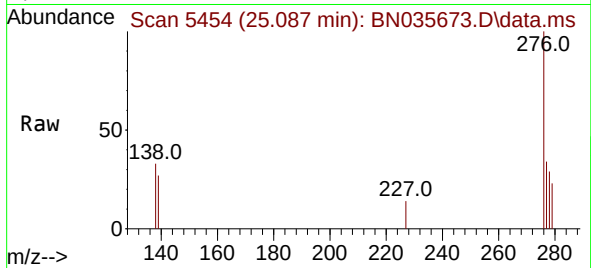
Tgt Ion:276 Resp: 5886
Ion Ratio Lower Upper
276 100
138 0.0 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul m
RT: 25.087 min Scan# 5456
Delta R.T. -0.013 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55

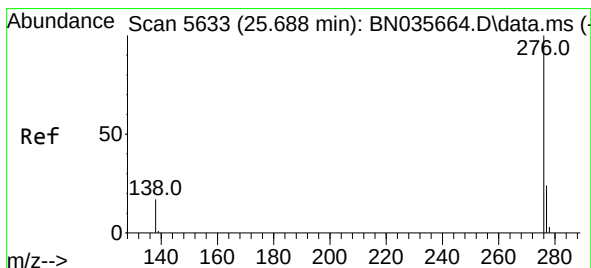
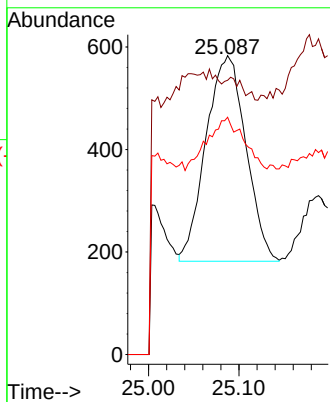
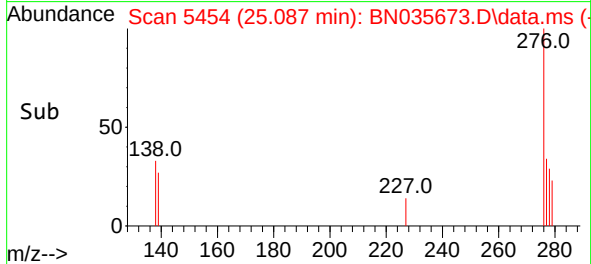
Instrument :
BNA_N
ClientSampleId :
E28W3DL



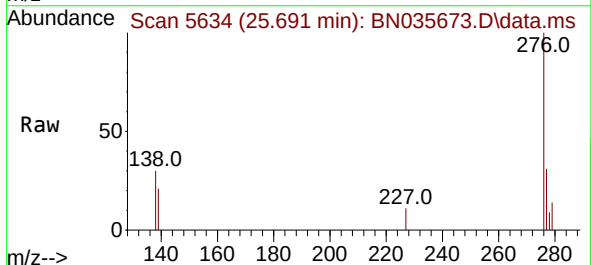
Tgt Ion:278 Resp: 123
Ion Ratio Lower Upper
278 100
139 91.8 19.8 29.8
279 79.4 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.234 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BN035673.D
Acq: 18 Dec 2024 16:55



Tgt Ion:276 Resp: 6802
Ion Ratio Lower Upper
276 100
138 30.4 19.6 29.4
277 30.6 21.6 32.4

