

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
 Data File : BN036227.D
 Acq On : 03 Feb 2025 13:56
 Operator : RC/JU
 Sample : Q1248-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6318DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 03 14:24:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	4156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	10391	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.427	164	6323	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.174	188	13430	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	12392	0.400	ng/ul	0.00
23) Perylene-d12	23.658	264	11817m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	1513	0.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.178	152	344	0.026	ng/ul	0.01
18) Fluoranthene-d10	19.206	212	1041	0.031	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.627	128	19019	0.664	ng/ul	98
10) Acenaphthylene	14.149	152	20904	0.701	ng/ul	97
11) Acenaphthene	14.491	153	27096	1.235	ng/ul	98
12) Fluorene	15.481	166	16589	0.685	ng/ul	98
15) Phenanthrene	17.217	178	53365	1.357	ng/ul	97
16) Anthracene	17.305	178	48544	1.328	ng/ul	98
19) Fluoranthene	19.234	202	40037	0.850	ng/ul	97
20) Pyrene	19.596	202	18625	0.379	ng/ul#	94
21) Benzo(a)anthracene	21.349	228	5102	0.115	ng/ul	97
22) Chrysene	21.401	228	14717	0.326	ng/ul	100
24) Benzo(b)fluoranthene	22.965	252	13713	0.348	ng/ul	87
25) Benzo(k)fluoranthene	23.011	252	11451	0.276	ng/ul#	86
26) Benzo(a)pyrene	23.555	252	17721	0.498	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.991	276	19399	0.412	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.005	278	18428	0.508	ng/ul	98
29) Benzo(g,h,i)perylene	26.706	276	13763	0.376	ng/ul	98

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

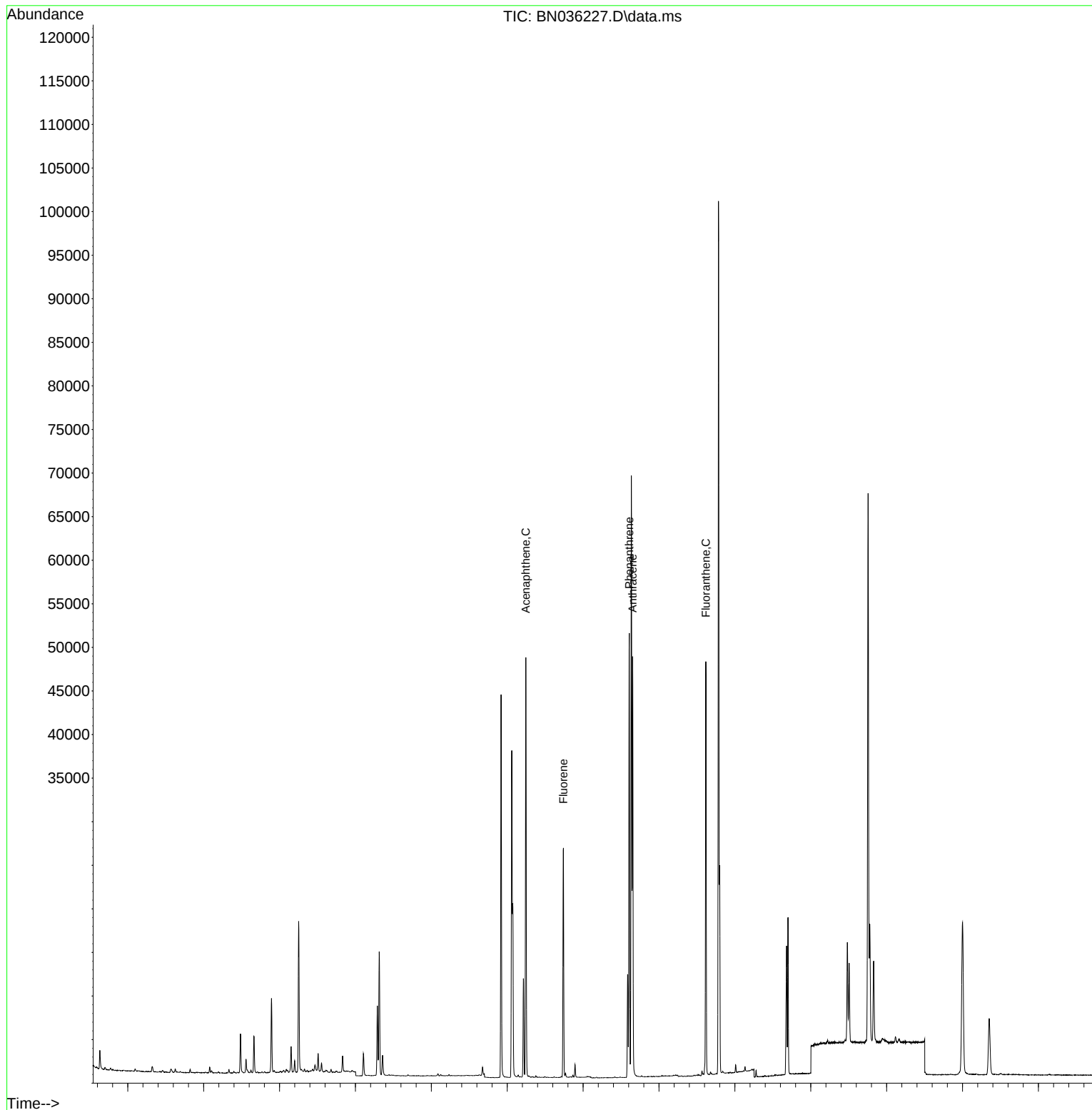
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020325\
Data File : BN036227.D
Acq On : 03 Feb 2025 13:56
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ALS Vial : 7 Sample Multiplier: 1

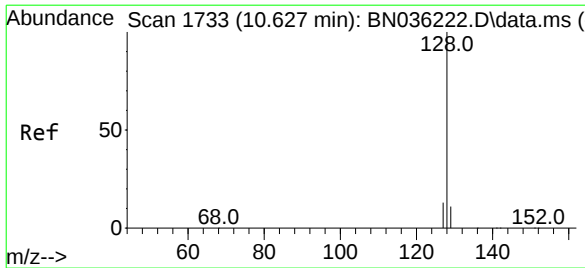
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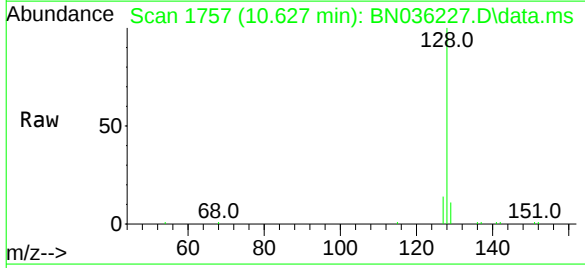
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.664 ng/ul
RT: 10.627 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

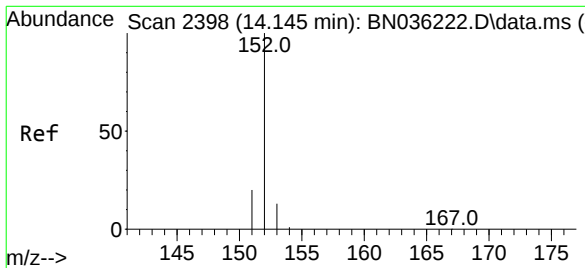
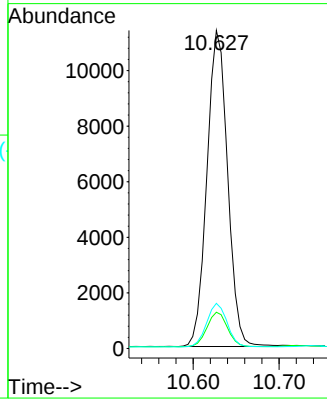
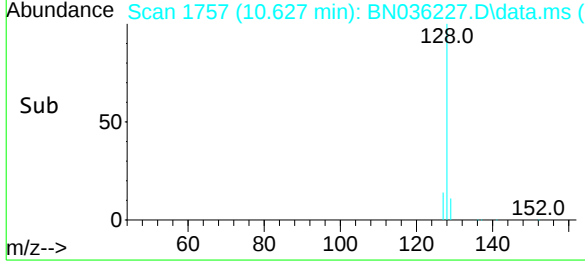
Instrument :
BNA_N
ClientSampleId :
A6318DL



Tgt Ion:128 Resp: 19019
Ion Ratio Lower Upper
128 100
129 11.4 9.6 14.4
127 14.2 12.0 18.0

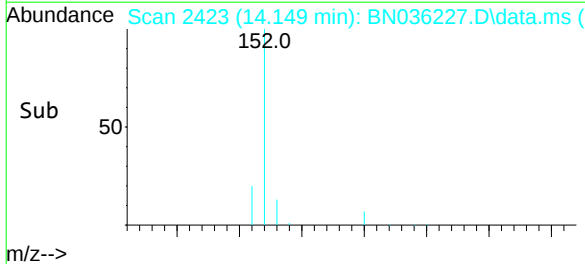
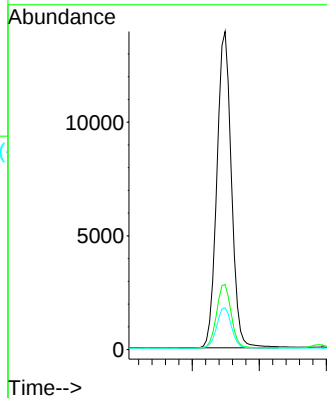
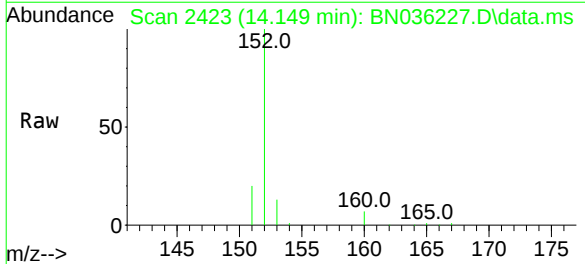
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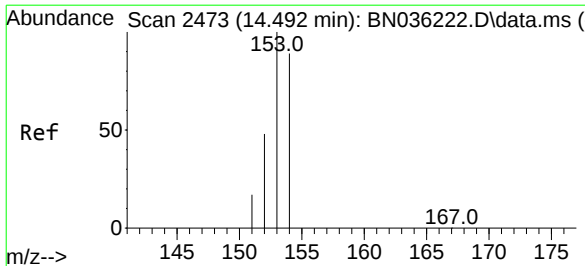
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#10
Acenaphthylene
Concen: 0.701 ng/ul
RT: 14.149 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

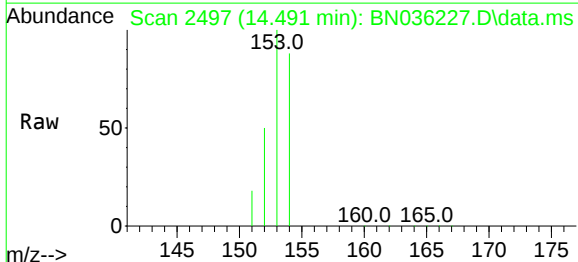
Tgt Ion:152 Resp: 20904
Ion Ratio Lower Upper
152 100
151 20.5 17.4 26.2
153 13.1 11.9 17.9





#11
Acenaphthene
Concen: 1.235 ng/u1
RT: 14.491 min Scan# 2473
Delta R.T. -0.000 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

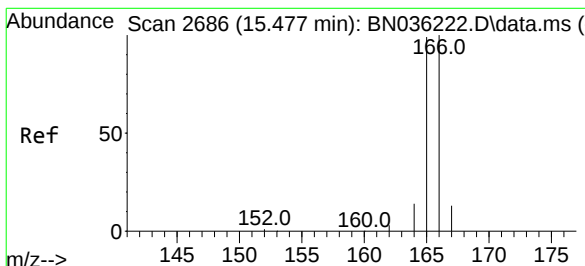
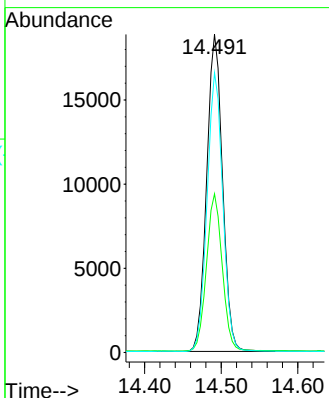
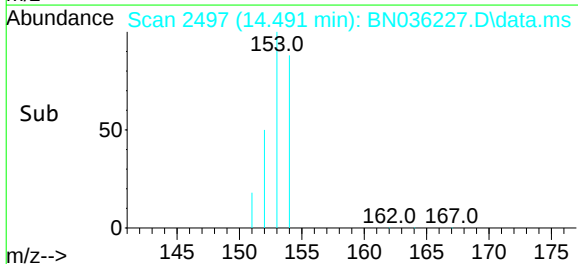
Instrument :
BNA_N
ClientSampleId :
A6318DL



Tgt Ion:153 Resp: 27096
Ion Ratio Lower Upper
153 100
152 49.9 43.2 64.8
154 87.9 70.5 105.7

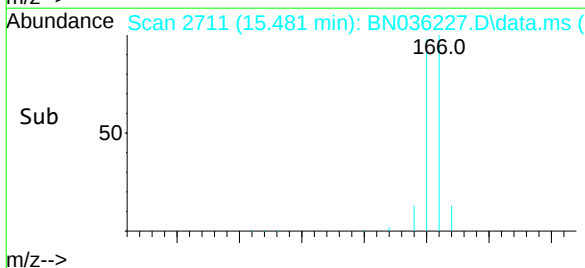
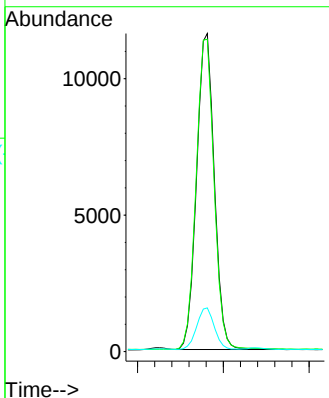
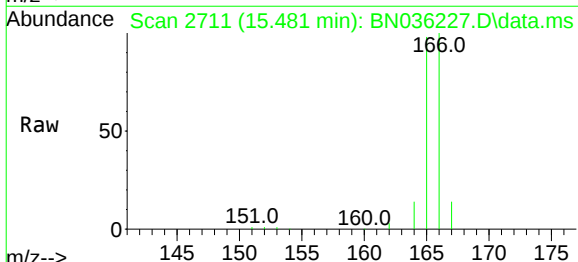
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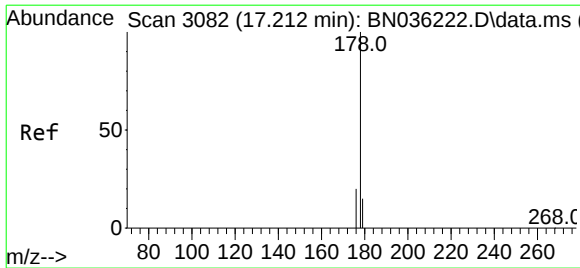
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#12
Fluorene
Concen: 0.685 ng/u1
RT: 15.481 min Scan# 2711
Delta R.T. 0.004 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

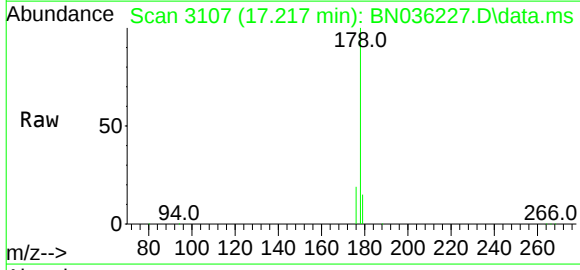
Tgt Ion:166 Resp: 16589
Ion Ratio Lower Upper
166 100
165 98.2 80.3 120.5
167 13.7 12.3 18.5





#15
Phenanthrene
Concen: 1.357 ng/u1
RT: 17.217 min Scan# 3107
Delta R.T. 0.004 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

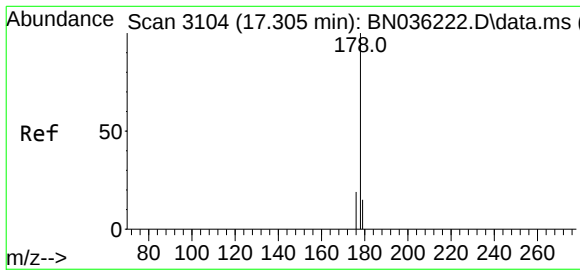
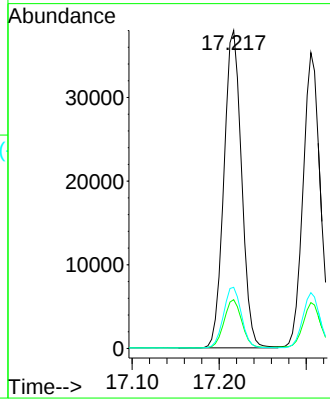
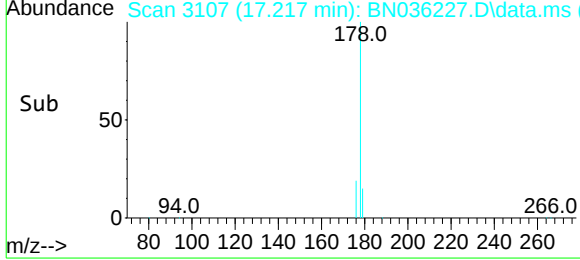
Instrument :
BNA_N
ClientSampleId :
A6318DL



Tgt Ion:	178	Resp:	53365
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.2	19.8
176	19.2	16.8	25.2

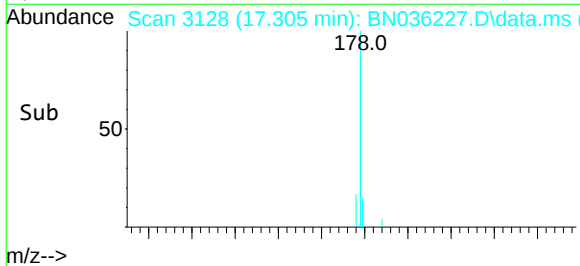
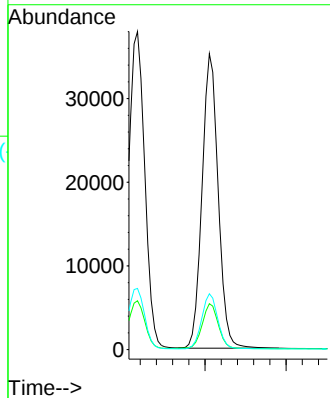
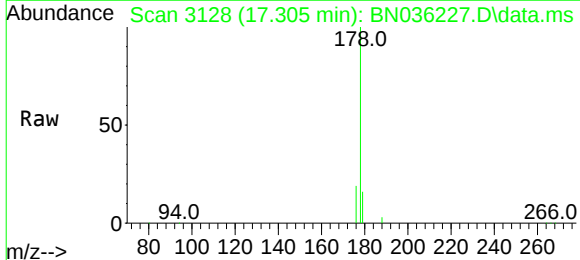
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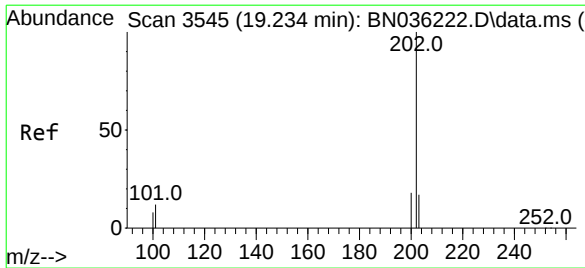
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025



#16
Anthracene
Concen: 1.328 ng/u1
RT: 17.305 min Scan# 3128
Delta R.T. 0.000 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

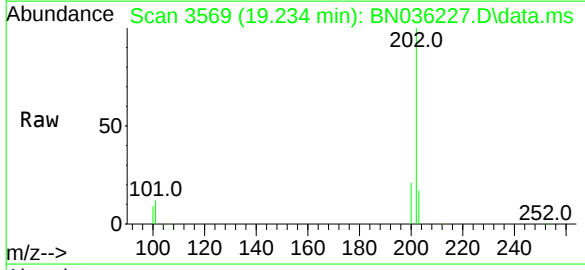
Tgt Ion:	178	Resp:	48544
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.0	19.4
176	18.9	15.9	23.9





#19
 Fluoranthene
 Concen: 0.850 ng/u1
 RT: 19.234 min Scan# 3545
 Delta R.T. 0.000 min
 Lab File: BN036227.D
 Acq: 03 Feb 2025 13:56

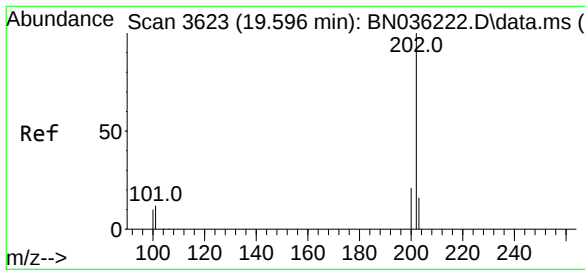
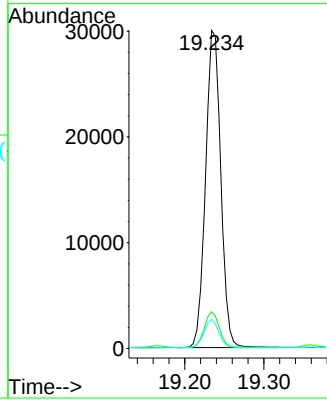
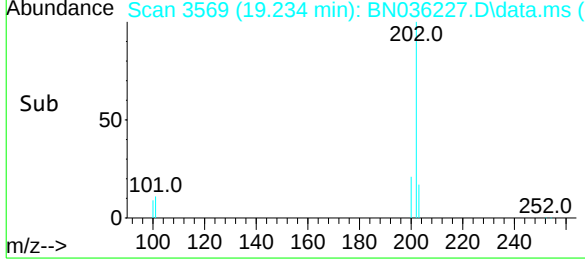
Instrument :
 BNA_N
 ClientSampleId :
 A6318DL



Tgt Ion:	202	Resp:	40037
Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	9.2	6.5	9.7

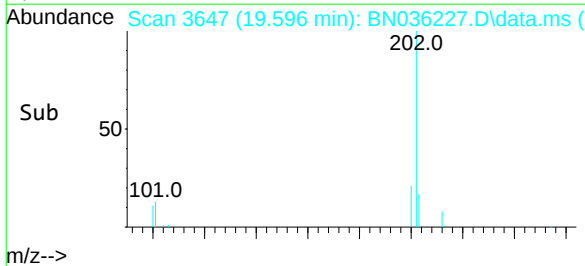
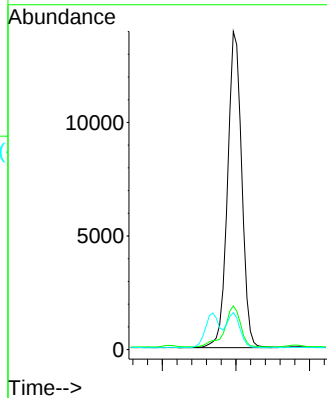
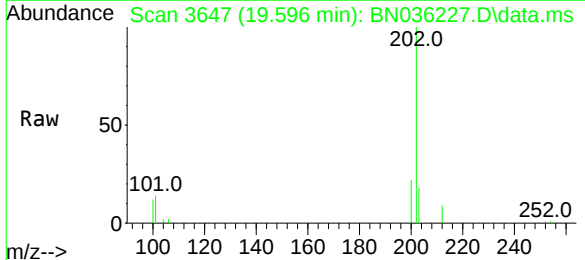
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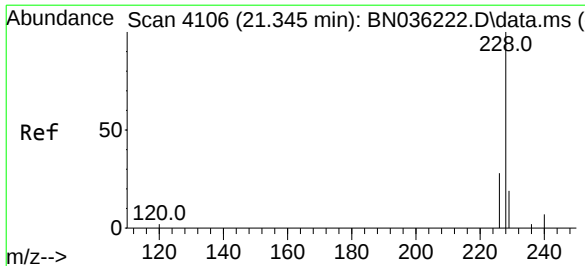
Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#20
 Pyrene
 Concen: 0.379 ng/u1
 RT: 19.596 min Scan# 3647
 Delta R.T. 0.000 min
 Lab File: BN036227.D
 Acq: 03 Feb 2025 13:56

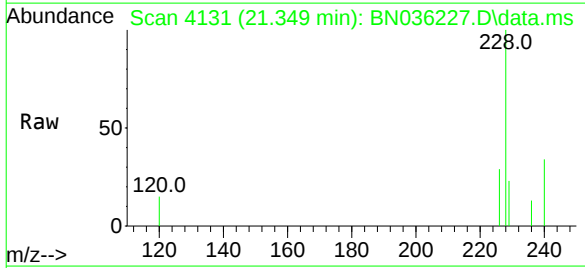
Tgt Ion:	202	Resp:	18625
Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.3	13.9
100	11.6	7.5	11.3#





#21
Benzo(a)anthracene
Concen: 0.115 ng/u1
RT: 21.349 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

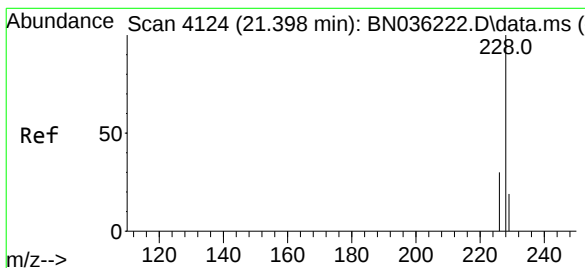
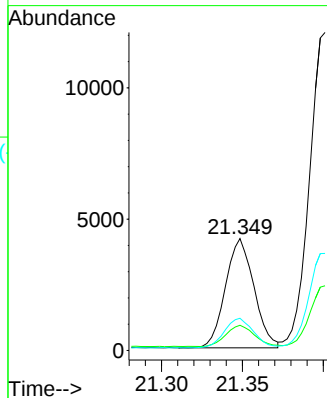
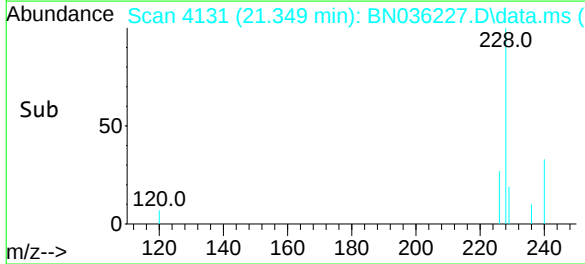
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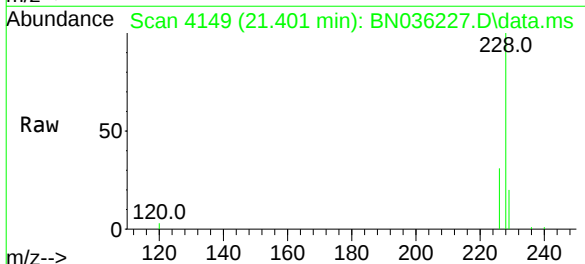
Tgt Ion:228 Resp: 5102
Ion Ratio Lower Upper
228 100
229 22.5 15.9 23.9
226 28.8 22.8 34.2

Manual Integrations
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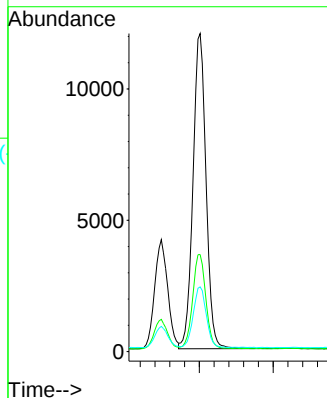
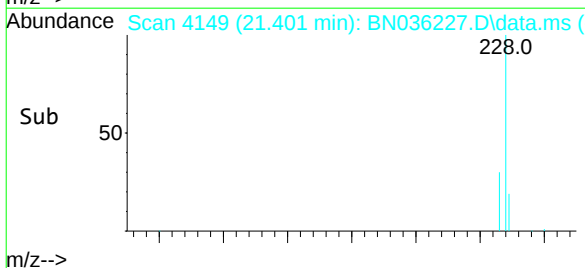
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

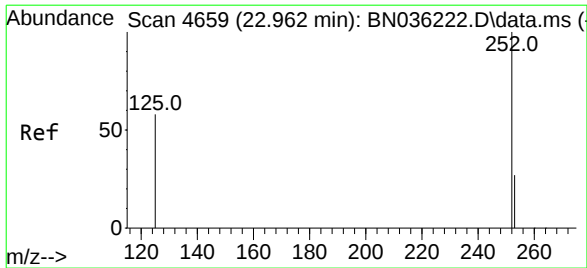


#22
Chrysene
Concen: 0.326 ng/u1
RT: 21.401 min Scan# 4149
Delta R.T. 0.003 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56



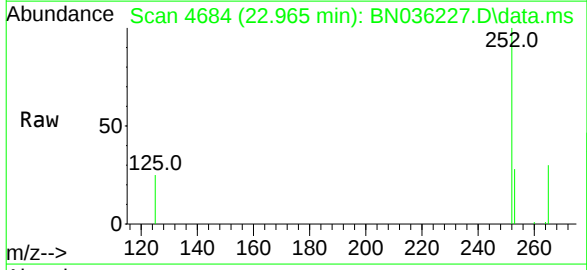
Tgt Ion:228 Resp: 14717
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.348 ng/u1
RT: 22.965 min Scan# 4659
Delta R.T. 0.003 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56

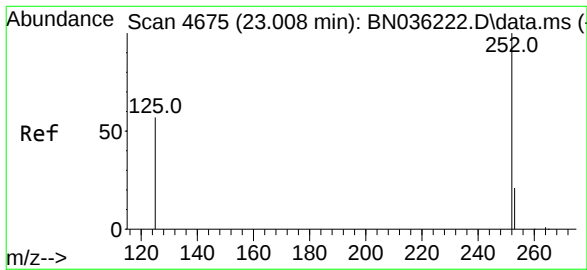
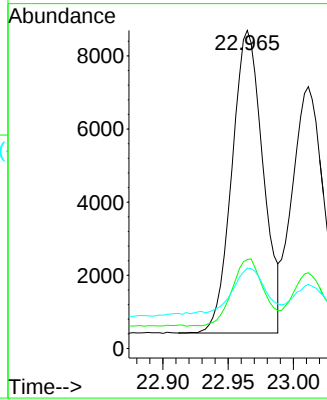
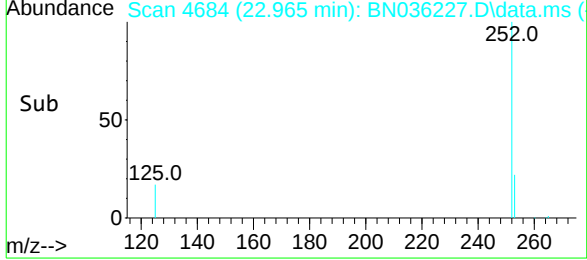
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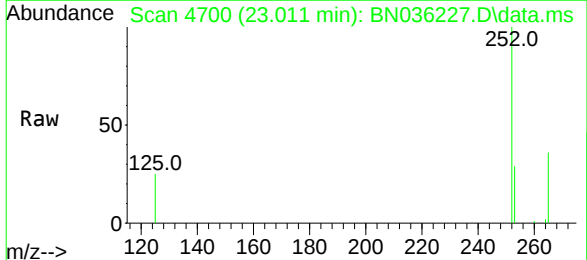
Tgt Ion:252 Resp: 13713
Ion Ratio Lower Upper
252 100
253 28.0 0.0 51.2
125 25.3 0.0 27.8

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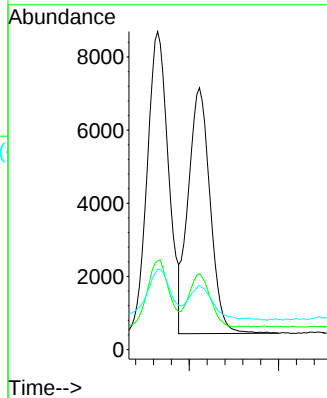
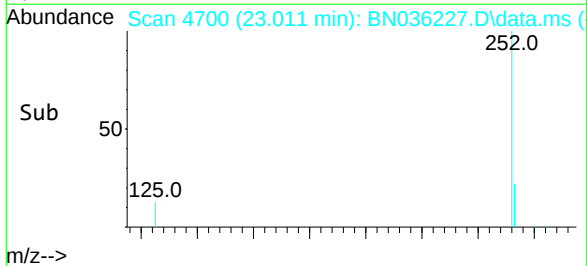
Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/07/2025

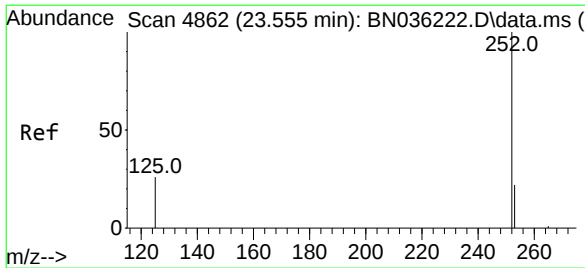


#25
Benzo(k)fluoranthene
Concen: 0.276 ng/u1
RT: 23.011 min Scan# 4700
Delta R.T. 0.003 min
Lab File: BN036227.D
Acq: 03 Feb 2025 13:56



Tgt Ion:252 Resp: 11451
Ion Ratio Lower Upper
252 100
253 28.9 20.2 30.4
125 24.5 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.498 ng/u1

RT: 23.555 min Scan# 48

Delta R.T. 0.000 min

Lab File: BN036227.D

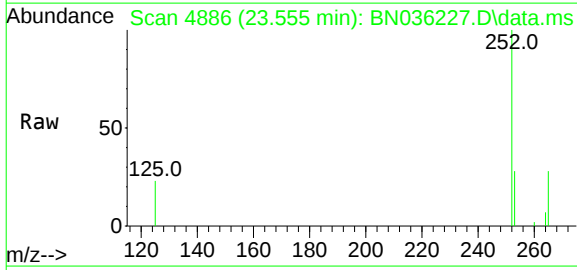
Acq: 03 Feb 2025 13:56

Instrument :

BN_A_N

ClientSampleId :

A6318DL



Tgt Ion:252 Resp: 17721

Ion Ratio Lower Upper

252 100

253 27.6 22.2 33.4

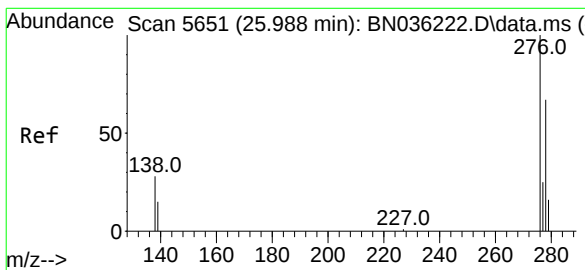
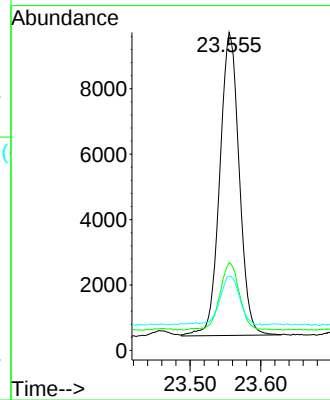
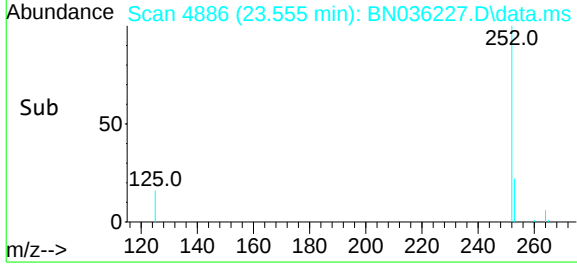
125 23.3 13.1 19.7#

Manual Integrations

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Reviewed By :Jagrut Upadhyay 02/04/2025

Supervised By :mohammad ahmed 02/07/2025



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/u1

RT: 25.991 min Scan# 5676

Delta R.T. 0.003 min

Lab File: BN036227.D

Acq: 03 Feb 2025 13:56

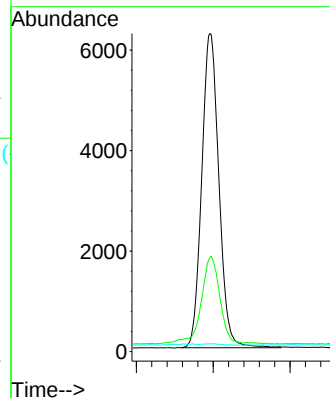
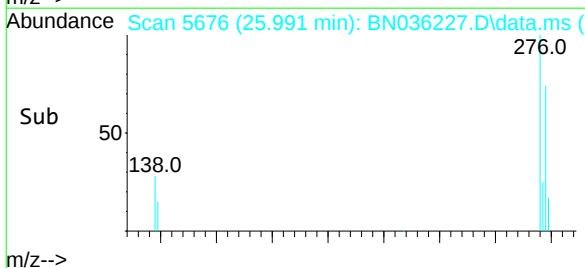
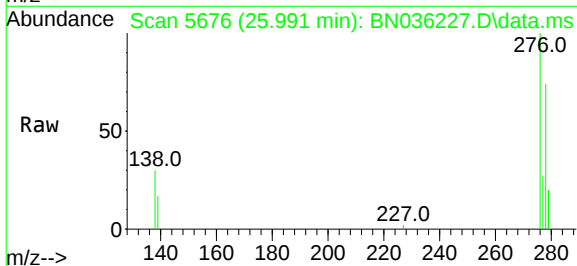
Tgt Ion:276 Resp: 19399

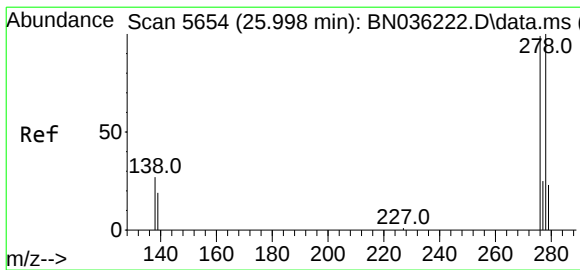
Ion Ratio Lower Upper

276 100

138 30.2 20.2 30.4

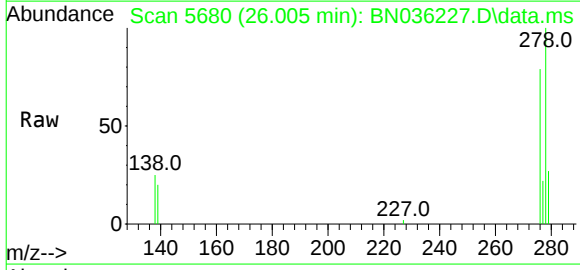
227 0.4 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.508 ng/ul
 RT: 26.005 min Scan# 5680
 Delta R.T. 0.007 min
 Lab File: BN036227.D
 Acq: 03 Feb 2025 13:56

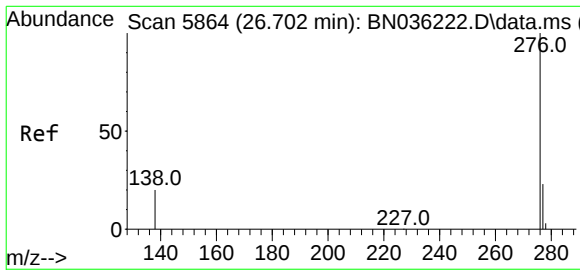
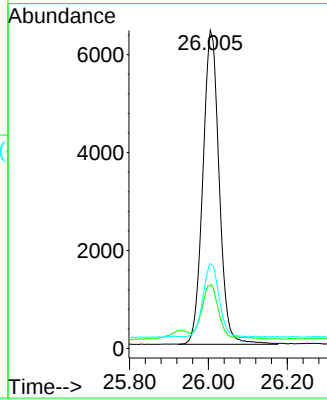
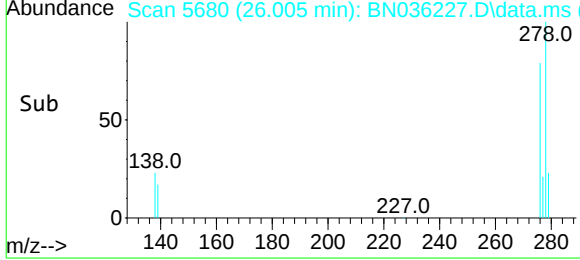
Instrument :
 BNA_N
 ClientSampleId :
 A6318DL



Tgt Ion:	278	Resp:	18428
Ion Ratio	Lower	Upper	
278	100		
139	19.9	15.4	23.2
279	26.7	22.2	33.4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
 Supervised By :mohammad ahmed 02/07/2025



#29
 Benzo(g,h,i)perylene
 Concen: 0.376 ng/ul
 RT: 26.706 min Scan# 5889
 Delta R.T. 0.003 min
 Lab File: BN036227.D
 Acq: 03 Feb 2025 13:56

Tgt Ion:	276	Resp:	13763
Ion Ratio	Lower	Upper	
276	100		
138	25.7	19.4	29.0
277	25.7	21.1	31.7

