

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036195.D
 Acq On : 01 Feb 2025 08:05
 Operator : RC/JU
 Sample : Q1224-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6309

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 12:04:43 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 : Tue Jan 21 23:52:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3110	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	8116	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4981	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.179	188	10829	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	10833	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	10355	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	6606	1.940	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1337	0.130	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	2794	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.633	128	452	0.020	ng/ul#	67
10) Acenaphthylene	14.154	152	1872	0.080	ng/ul#	93
11) Acenaphthene	14.496	153	3560	0.206	ng/ul	95
12) Fluorene	15.482	166	6049	0.317	ng/ul	100
15) Phenanthrene	17.221	178	205638	6.485	ng/ul	97
16) Anthracene	17.309	178	25491	0.865	ng/ul	99
19) Fluoranthene	19.238	202	561496	13.638	ng/ul	100
20) Pyrene	19.601	202	389711	9.068	ng/ul	97
21) Benzo(a)anthracene	21.351	228	189589	4.903	ng/ul	99
22) Chrysene	21.404	228	231904	5.871	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	288928m	8.362	ng/ul	
25) Benzo(k)fluoranthene	23.014	252	105418m	2.901	ng/ul	
26) Benzo(a)pyrene	23.561	252	108349	3.471	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.998	276	90627	2.196	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.001	278	25734	0.809	ng/ul	96
29) Benzo(g,h,i)perylene	26.712	276	12668	0.395	ng/ul#	91

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

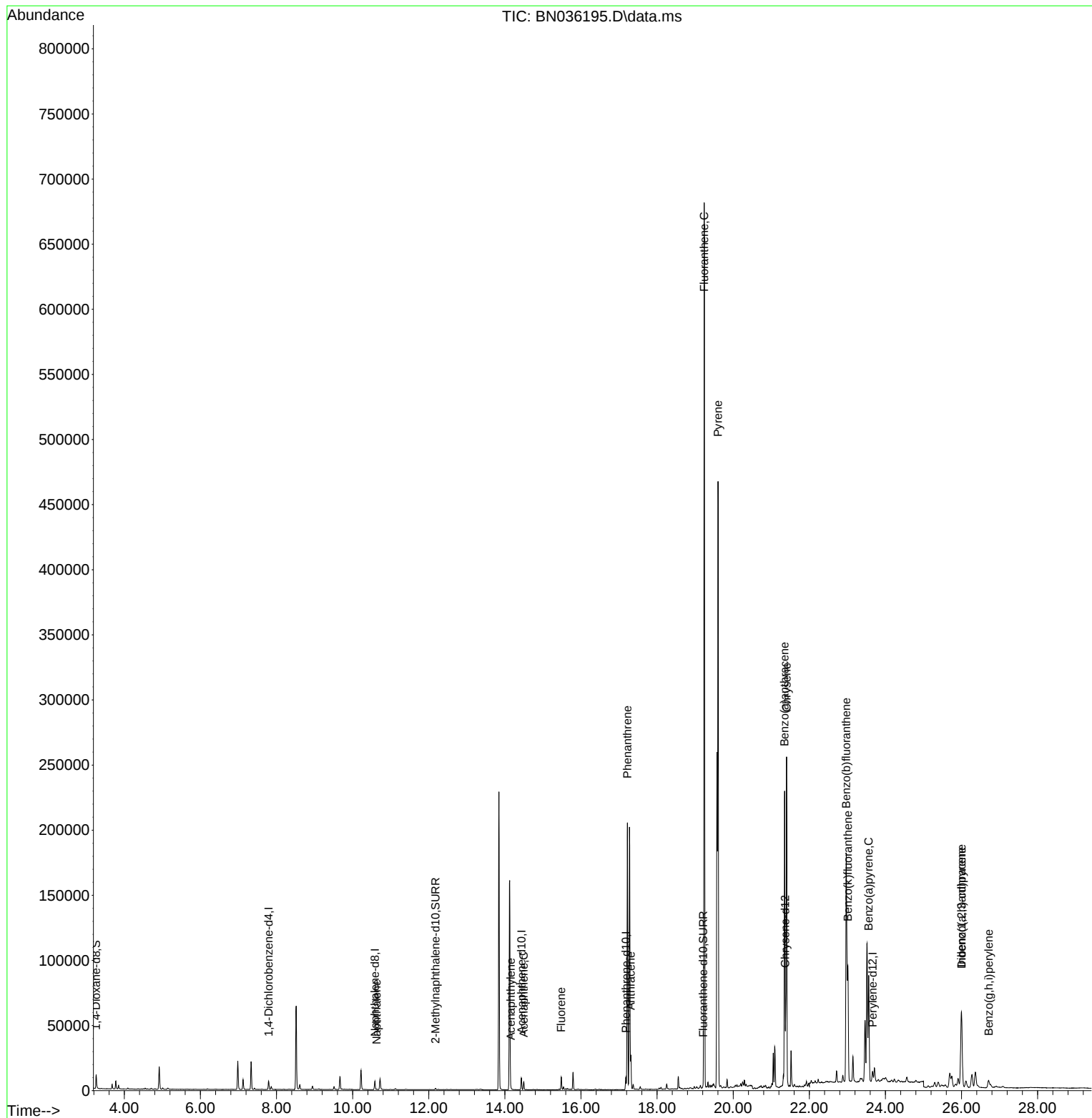
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036195.D
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ALS Vial : 27 Sample Multiplier: 1

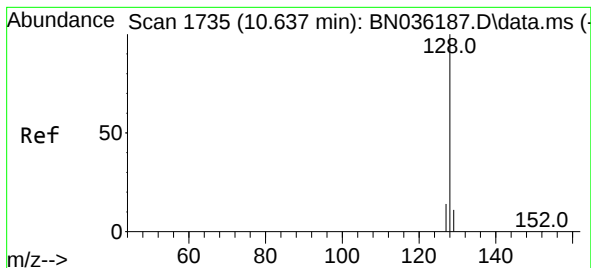
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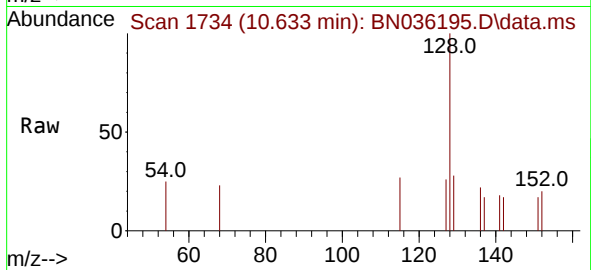
Quant Time: Feb 03 12:04:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.633 min Scan# 1735
Delta R.T. -0.022 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

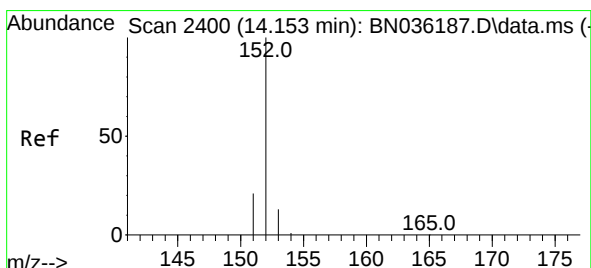
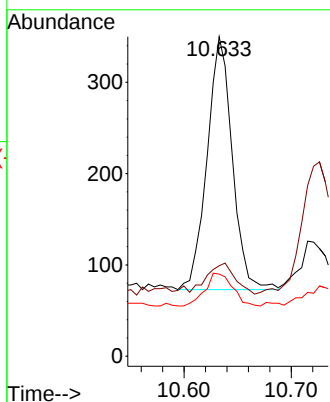
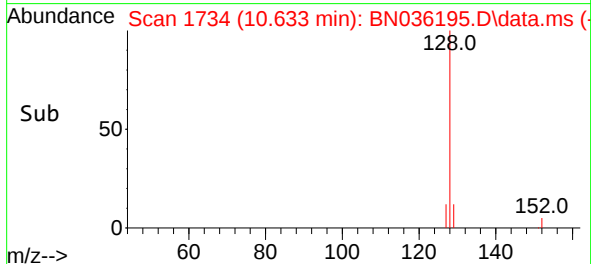
Instrument :
BNA_N
ClientSampleId :
A6309



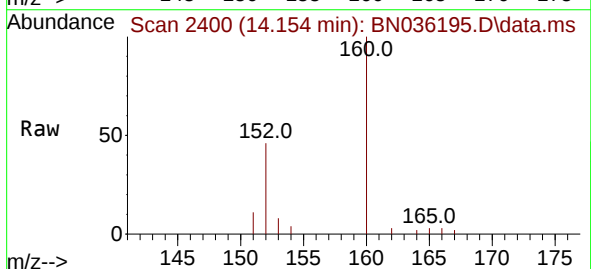
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Ion Ratio Lower Upper
128 100
129 28.3 9.6 14.4
127 25.7 12.0 18.0

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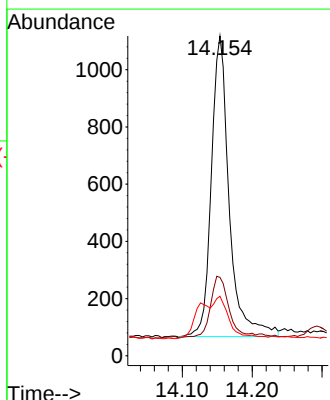
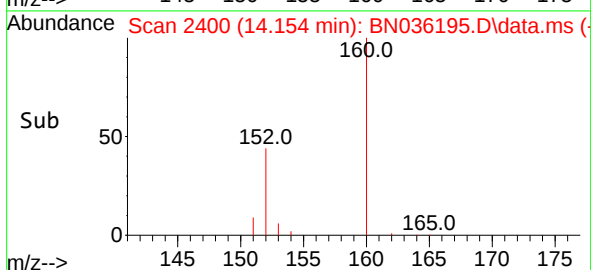
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

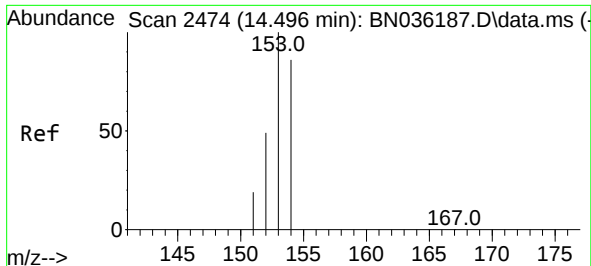


#10
Acenaphthylene
Concen: 0.080 ng/ul
RT: 14.154 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05



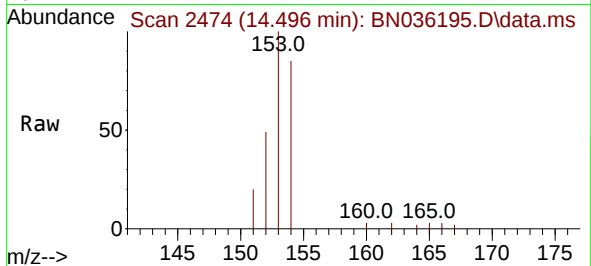
Tgt Ion:152 Resp: 1872
Ion Ratio Lower Upper
152 100
151 24.5 17.4 26.2
153 18.6 11.9 17.9





#11
Acenaphthene
Concen: 0.206 ng/u1
RT: 14.496 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

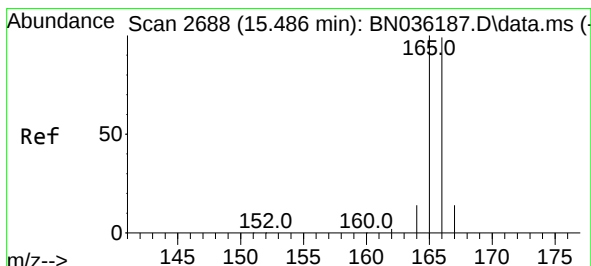
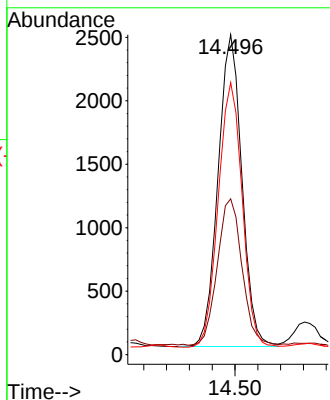
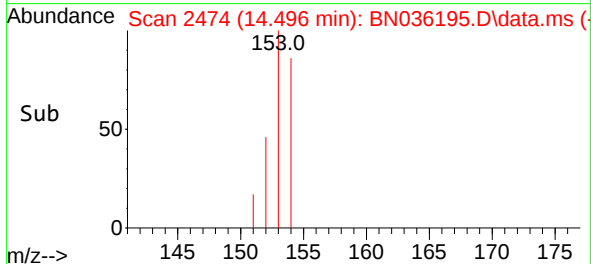
Instrument :
BNA_N
ClientSampleId :
A6309



Tgt Ion:153 Resp: 3560
Ion Ratio Lower Upper
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152 48.7 43.2 64.8
154 85.0 70.5 105.7

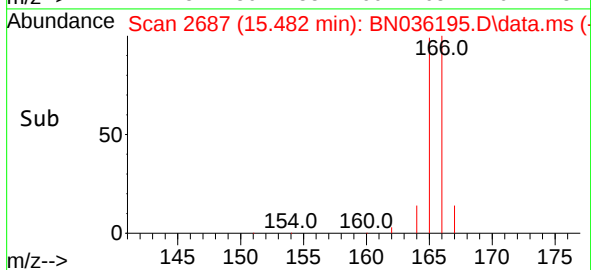
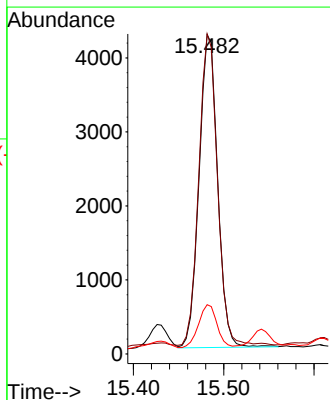
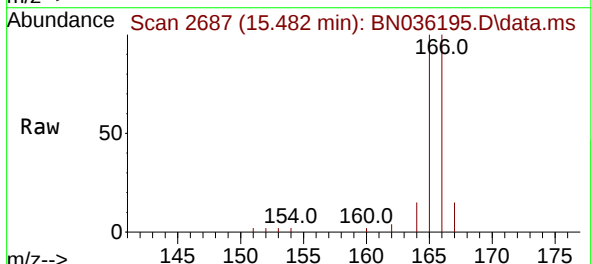
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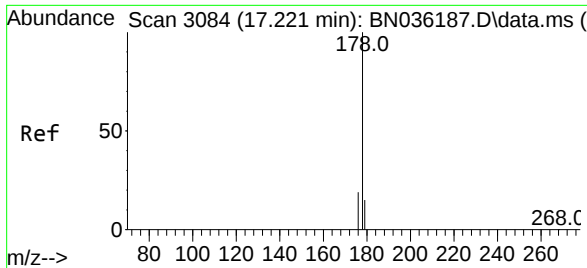
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.317 ng/u1
RT: 15.482 min Scan# 2687
Delta R.T. -0.018 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

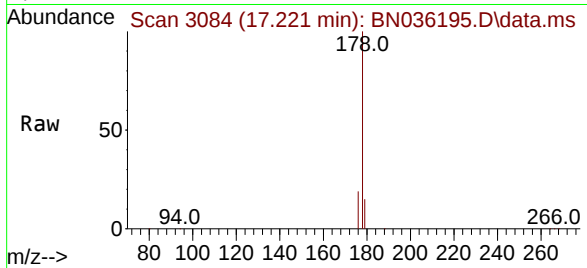
Tgt Ion:166 Resp: 6049
Ion Ratio Lower Upper
166 100
165 100.2 80.3 120.5
167 15.4 12.3 18.5





#15
Phenanthrene
Concen: 6.485 ng/u1
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

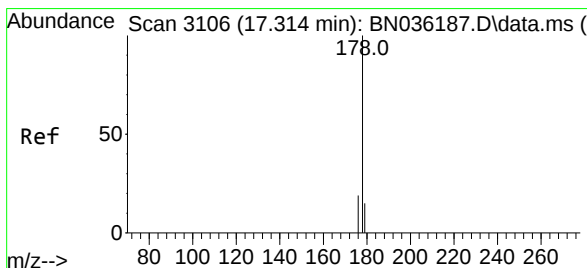
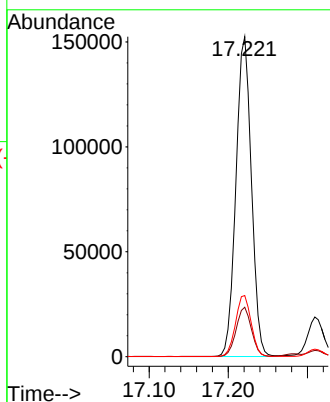
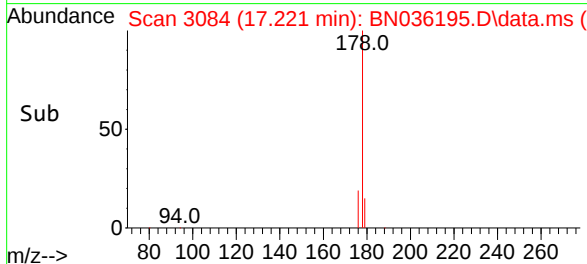
Instrument : BNA_N
ClientSampleId : A6309



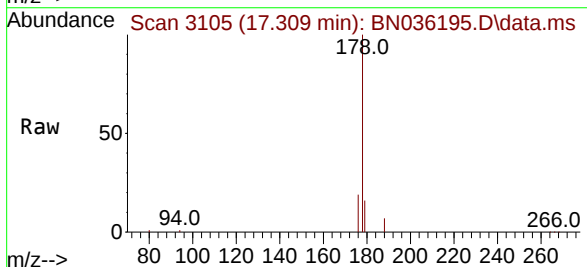
Tgt Ion:178 Resp: 205638
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 19.1 16.8 25.2

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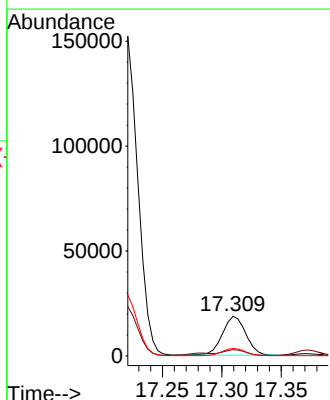
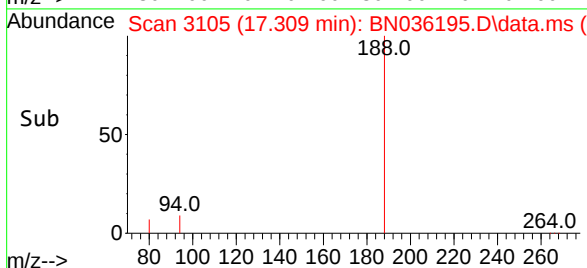
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

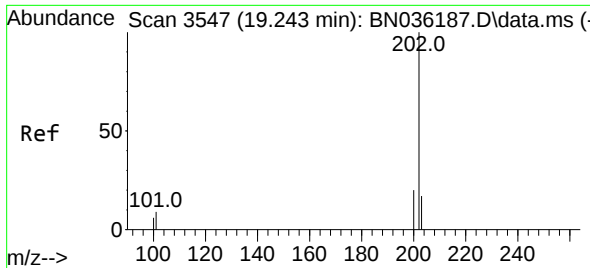


#16
Anthracene
Concen: 0.865 ng/u1
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05



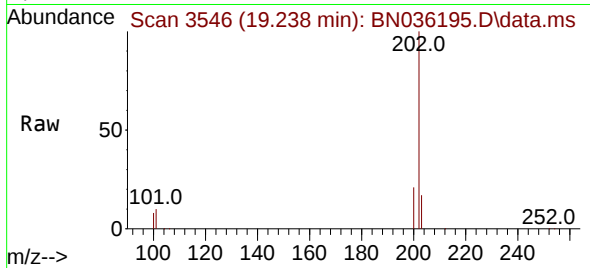
Tgt Ion:178 Resp: 25491
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.1 15.9 23.9





#19
Fluoranthene
Concen: 13.638 ng/u1
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

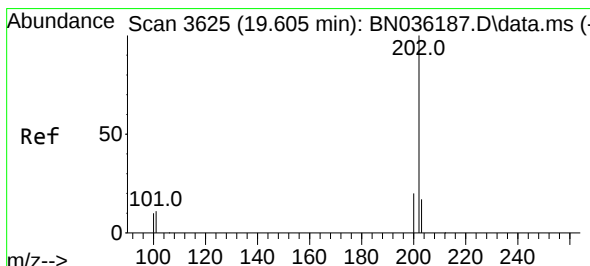
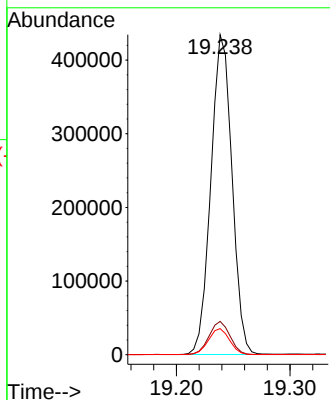
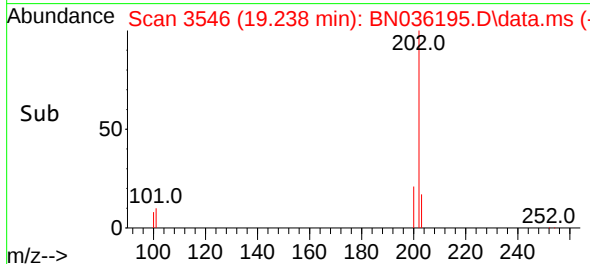
Instrument :
BNA_N
ClientSampleId :
A6309



Tgt Ion:202 Resp: 561490
Ion Ratio Lower Upper
202 100
101 10.4 8.4 12.6
100 8.2 6.5 9.7

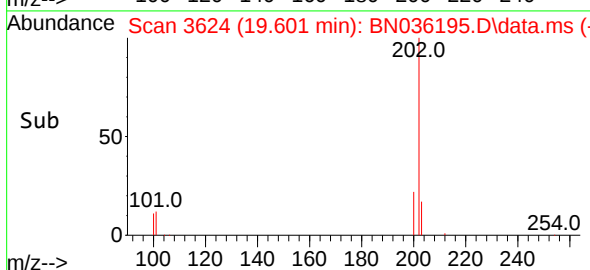
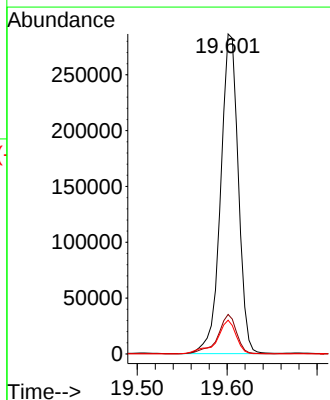
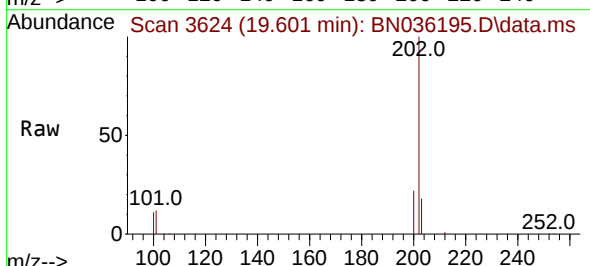
Manual Integrations
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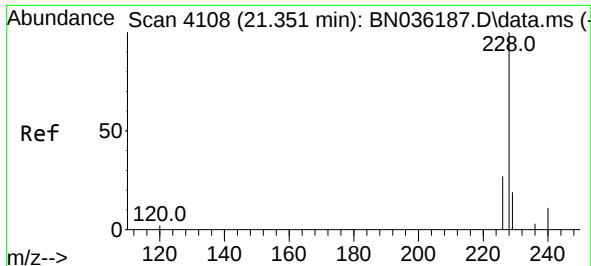
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#20
Pyrene
Concen: 9.068 ng/u1
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

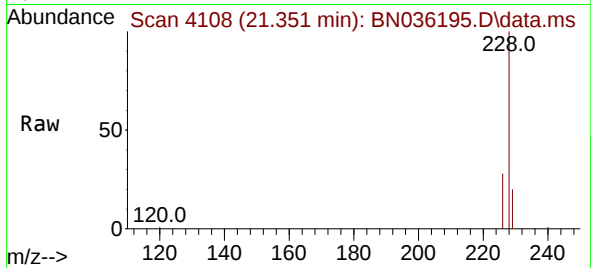
Tgt Ion:202 Resp: 389711
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.5 7.5 11.3





#21
Benzo(a)anthracene
Concen: 4.903 ng/ul
RT: 21.351 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

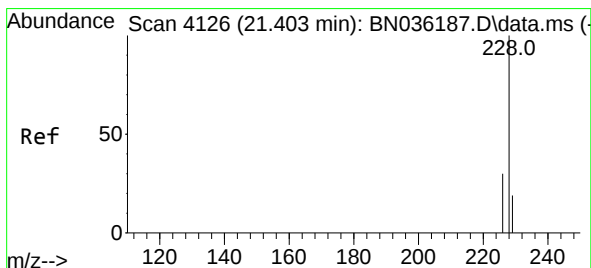
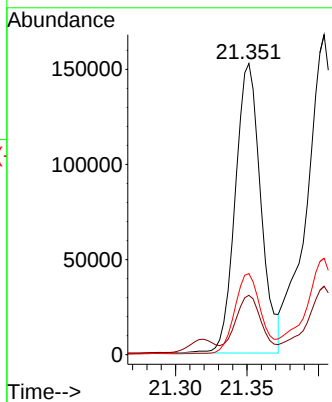
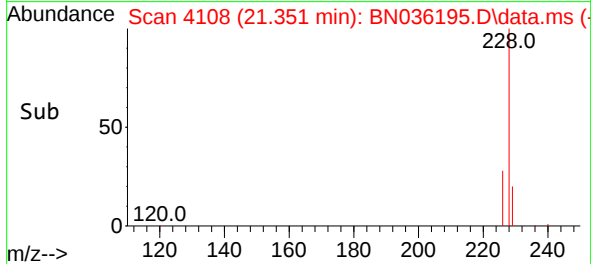
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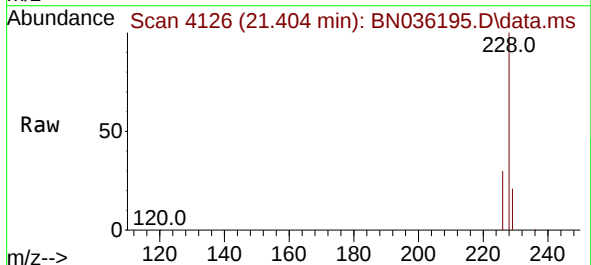
Tgt Ion:228 Resp: 189589
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.9 22.8 34.2

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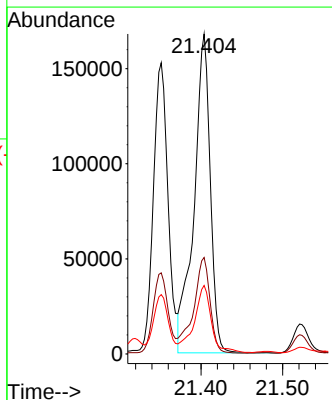
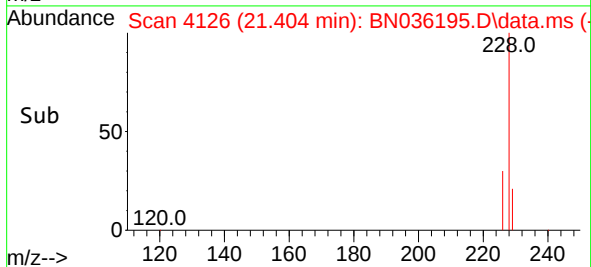
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Supervised By :mohammad ahmed 02/04/2025

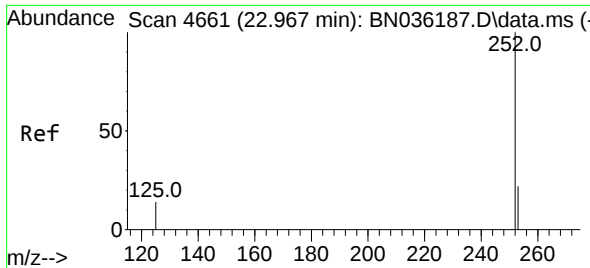


#22
Chrysene
Concen: 5.871 ng/ul
RT: 21.404 min Scan# 4126
Delta R.T. -0.002 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05



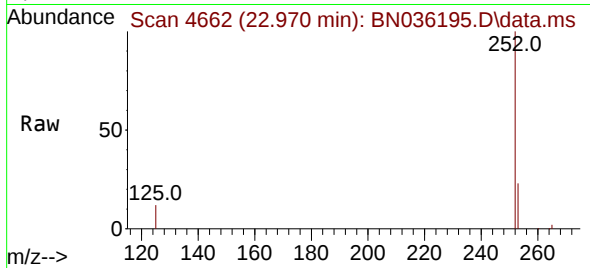
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Ion Ratio Lower Upper
228 100
226 30.2 24.4 36.6
229 21.4 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 8.362 ng/ul m
RT: 22.970 min Scan# 4662
Delta R.T. -0.002 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

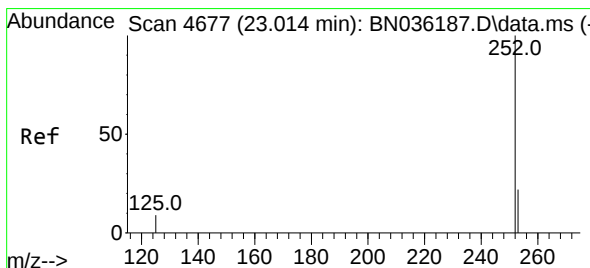
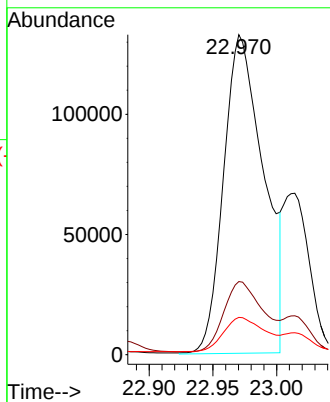
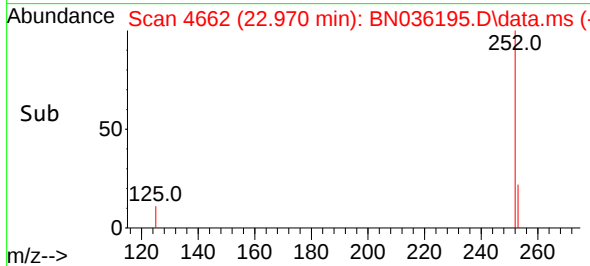
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Tgt Ion:252 Resp: 288928
Ion Ratio Lower Upper
252 100
253 22.9 0.0 51.2
125 11.6 0.0 27.8

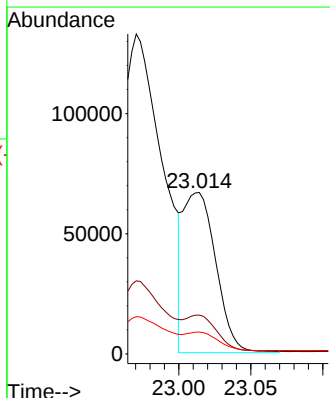
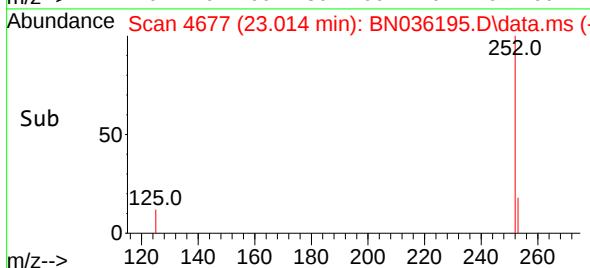
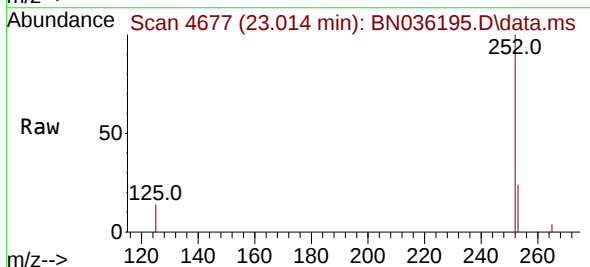
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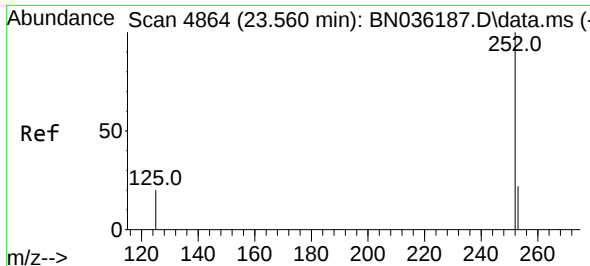
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#25
Benzo(k)fluoranthene
Concen: 2.901 ng/ul m
RT: 23.014 min Scan# 4677
Delta R.T. -0.005 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

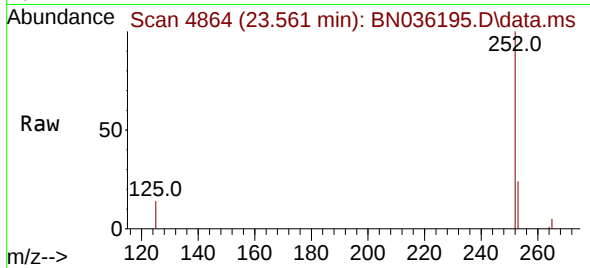
Tgt Ion:252 Resp: 105418
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.4
125 13.6 10.6 16.0





#26
Benzo(a)pyrene
Concen: 3.471 ng/ul
RT: 23.561 min Scan# 4864
Delta R.T. -0.002 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

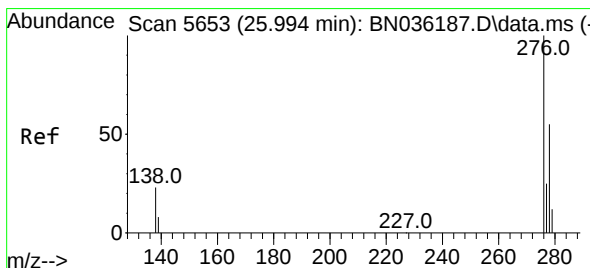
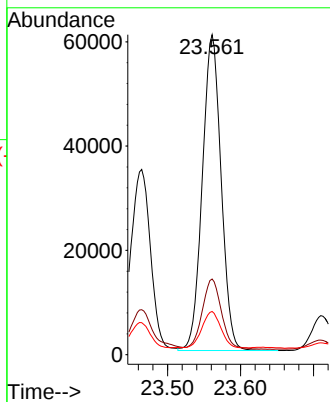
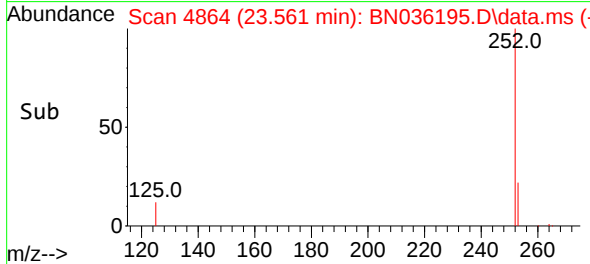
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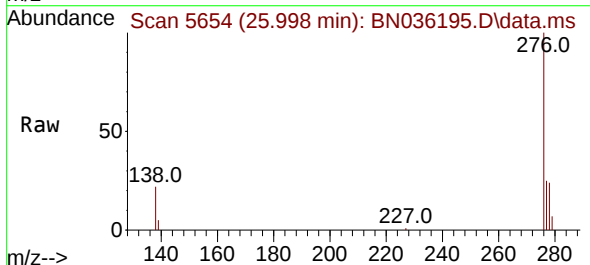
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125 13.5 13.1 19.7

Manual Integrations
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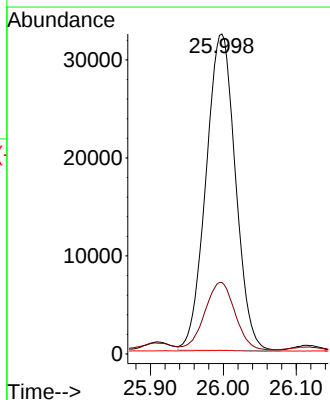
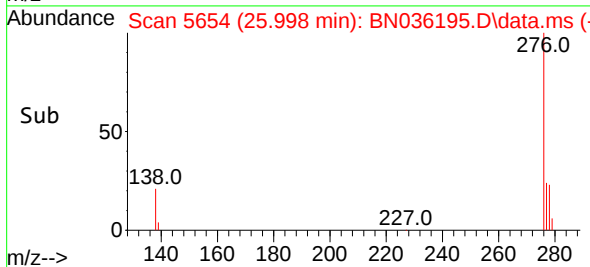
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

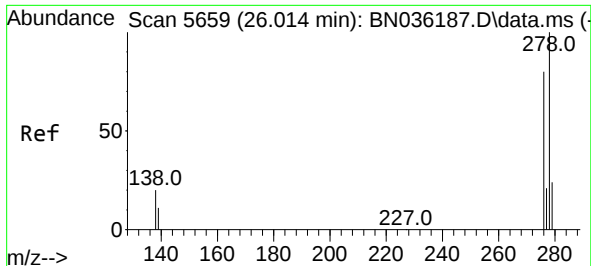


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.196 ng/ul
RT: 25.998 min Scan# 5654
Delta R.T. -0.006 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05



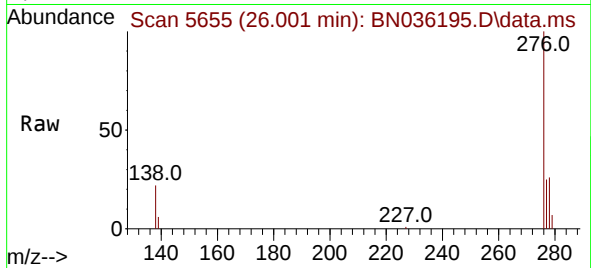
Tgt Ion:276 Resp: 90627
Ion Ratio Lower Upper
276 100
138 21.8 20.2 30.4
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.809 ng/ul
RT: 26.001 min Scan# 5655
Delta R.T. -0.020 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05

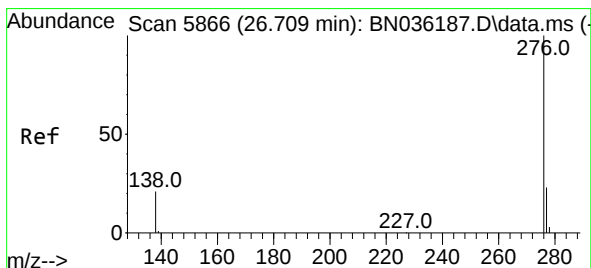
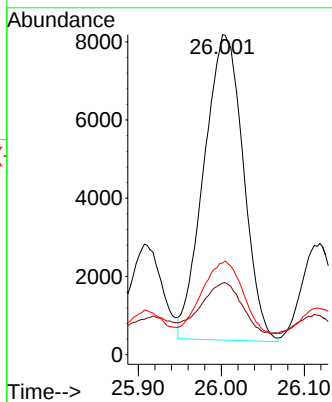
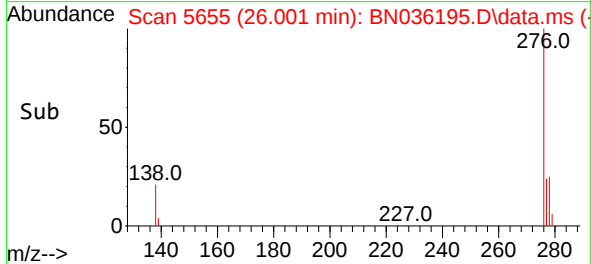
Instrument :
BNA_N
ClientSampleId :
A6309



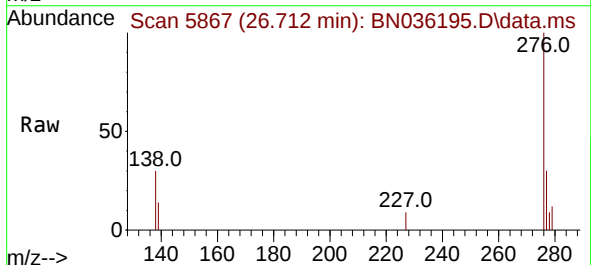
Tgt Ion: 278 Resp: 25734
Ion Ratio Lower Upper
278 100
139 22.4 15.4 23.2
279 28.7 22.2 33.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#29
Benzo(g,h,i)perylene
Concen: 0.395 ng/ul
RT: 26.712 min Scan# 5867
Delta R.T. -0.006 min
Lab File: BN036195.D
Acq: 01 Feb 2025 08:05



Tgt Ion: 276 Resp: 12668
Ion Ratio Lower Upper
276 100
138 30.0 19.4 29.0#
277 29.9 21.1 31.7

