

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036193.D
 Acq On : 01 Feb 2025 06:52
 Operator : RC/JU
 Sample : Q1224-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6307

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:04:35 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	7.790	152	3890	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.581	136	10029	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.435	164	6360	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	13662	0.400	ng/ul	-0.01
17) Chrysene-d12	21.365	240	14086	0.400	ng/ul	# 0.00
23) Perylene-d12	23.663	264	11732	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	15583	3.659	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.176	152	2848	0.225	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	5493	0.142	ng/ul	0.00
Target Compounds						Qvalue
11) Acenaphthene	14.495	153	529	0.024	ng/ul	97
12) Fluorene	15.480	166	888	0.036	ng/ul#	88
15) Phenanthrene	17.220	178	32762	0.819	ng/ul	98
16) Anthracene	17.309	178	1581	0.043	ng/ul#	86
19) Fluoranthene	19.238	202	105471	1.970	ng/ul	99
20) Pyrene	19.600	202	81802	1.464	ng/ul	97
21) Benzo(a)anthracene	21.351	228	28873	0.574	ng/ul	98
22) Chrysene	21.400	228	47697	0.929	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	59694m	1.525	ng/ul	
25) Benzo(k)fluoranthene	23.013	252	20649m	0.502	ng/ul	
26) Benzo(a)pyrene	23.560	252	31896	0.902	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.991	276	23945	0.512	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.007	278	5036	0.140	ng/ul#	72
29) Benzo(g,h,i)perylene	26.712	276	22956	0.632	ng/ul	99

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

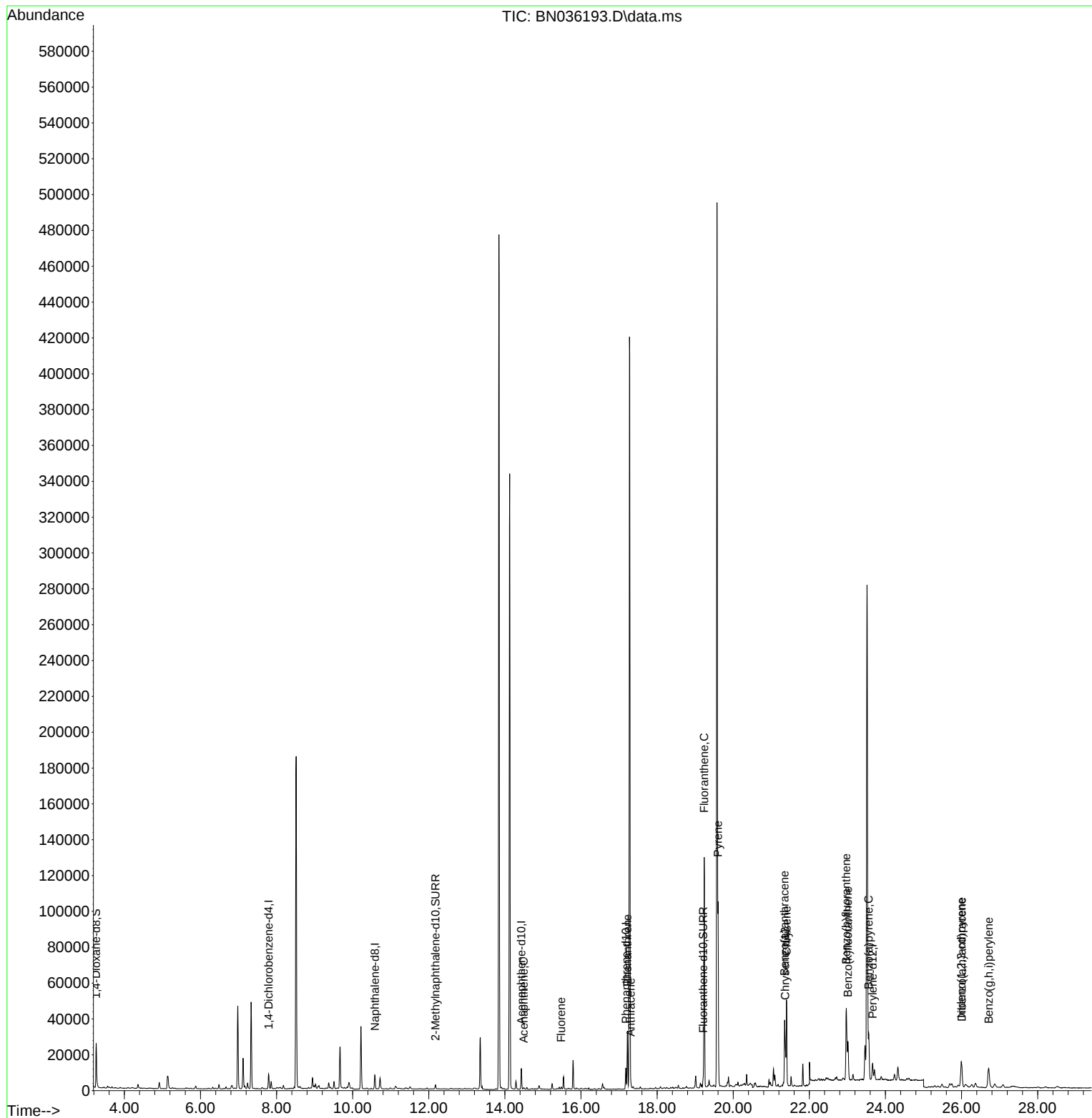
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036193.D
Acq On : 01 Feb 2025 06:52
Operator : RC/JU
Sample : Q1224-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

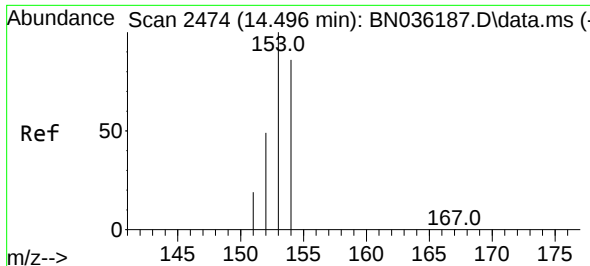
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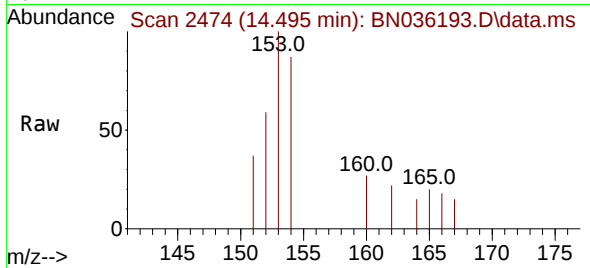
Quant Time: Feb 03 12:04:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.495 min Scan# 2474
Delta R.T. -0.020 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

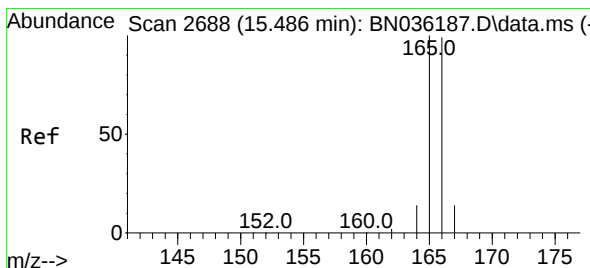
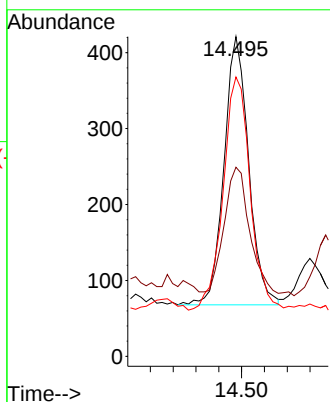
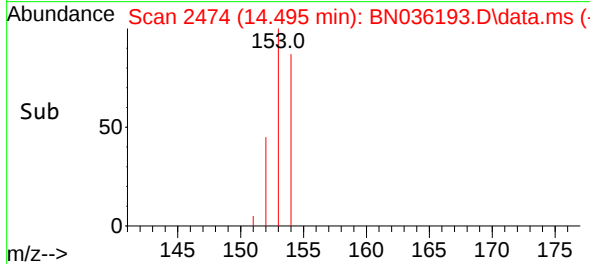
Instrument :
BNA_N
ClientSampleId :
A6307



Tgt Ion:153 Resp: 529
Ion Ratio Lower Upper
153 100
152 59.1 43.2 64.8
154 87.4 70.5 105.7

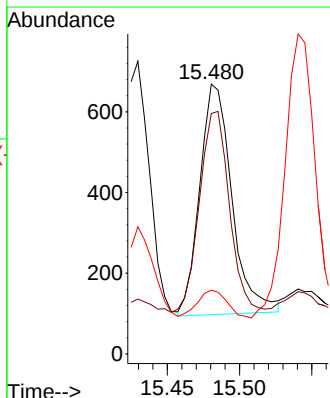
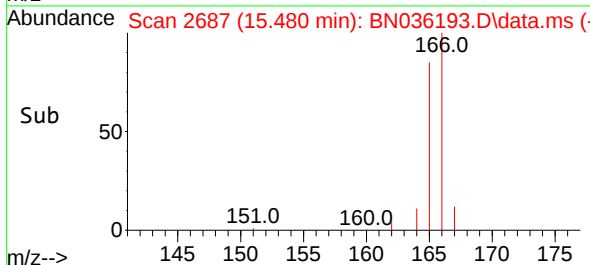
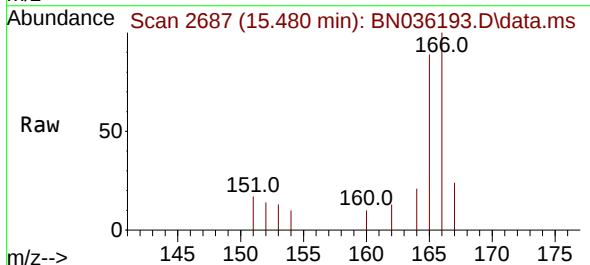
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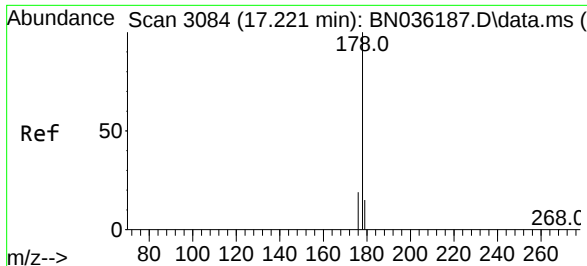
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.480 min Scan# 2687
Delta R.T. -0.020 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

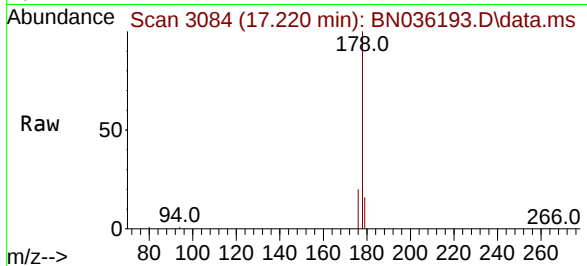
Tgt Ion:166 Resp: 888
Ion Ratio Lower Upper
166 100
165 89.1 80.3 120.5
167 23.6 12.3 18.5#





#15
Phenanthrene
Concen: 0.819 ng/ul
RT: 17.220 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

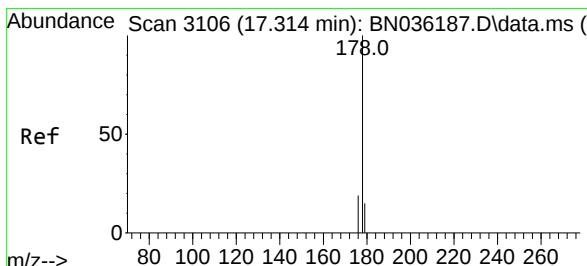
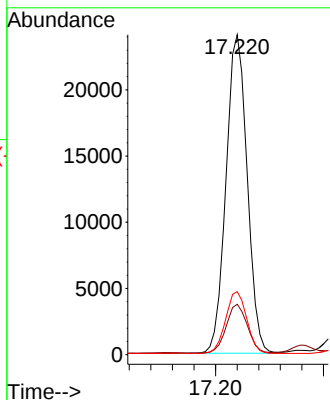
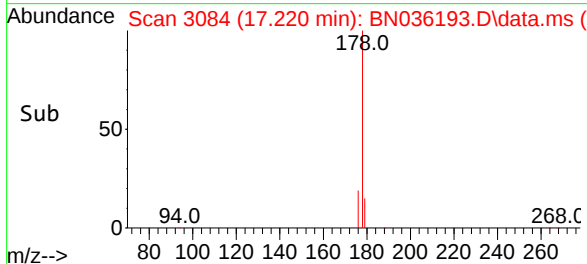
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A6307



Tgt Ion:178 Resp: 32762
Ion Ratio Lower Upper
178 100
179 15.8 13.2 19.8
176 19.7 16.8 25.2

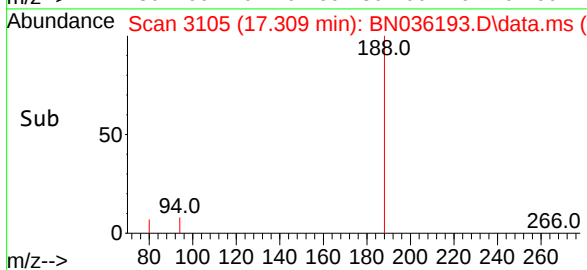
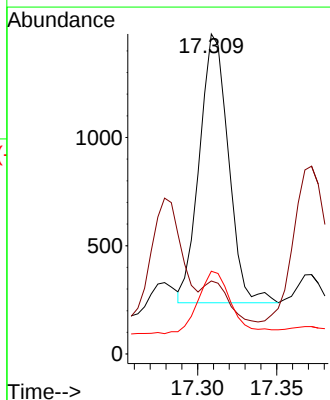
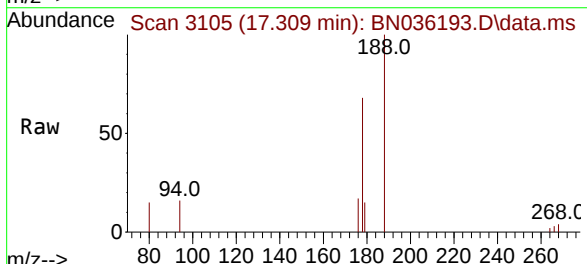
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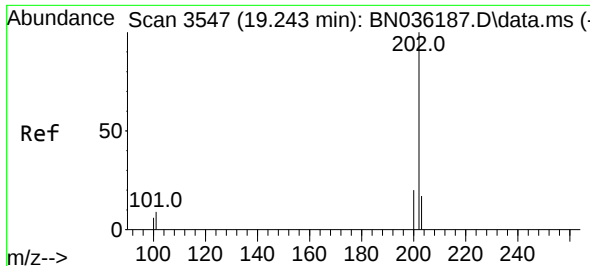
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

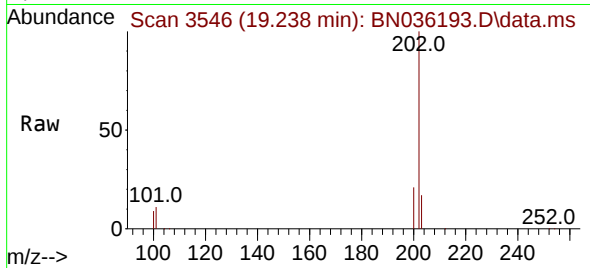
Tgt Ion:178 Resp: 1581
Ion Ratio Lower Upper
178 100
179 22.8 13.0 19.4#
176 25.8 15.9 23.9#





#19
Fluoranthene
Concen: 1.970 ng/u1
RT: 19.238 min Scan# 3547
Delta R.T. -0.010 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

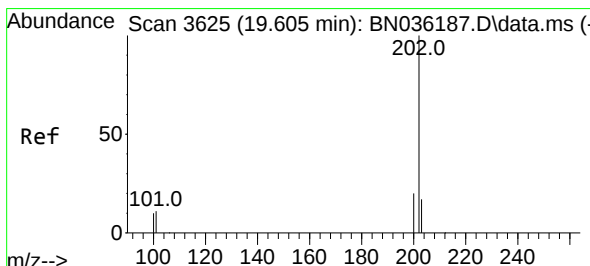
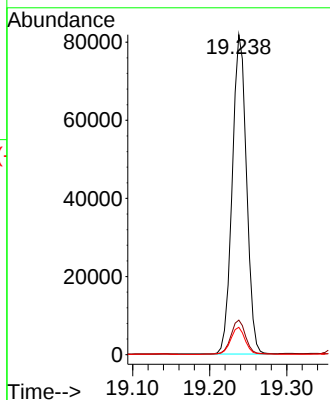
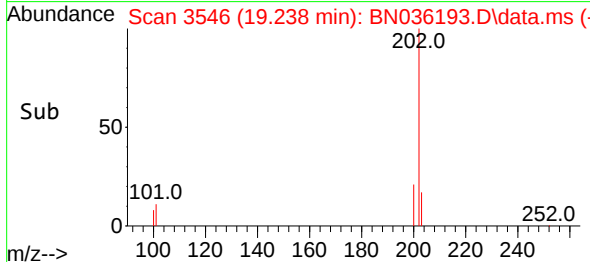
Instrument :
BNA_N
ClientSampleId :
A6307



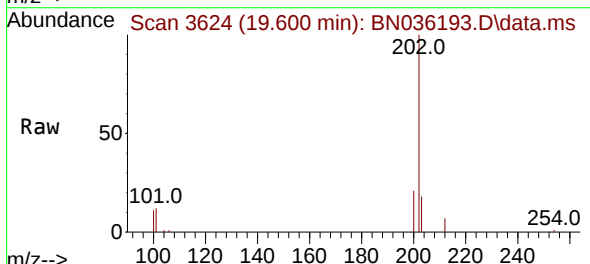
Tgt Ion:202 Resp: 10547
Ion Ratio Lower Upper
202 100
101 10.8 8.4 12.6
100 8.5 6.5 9.7

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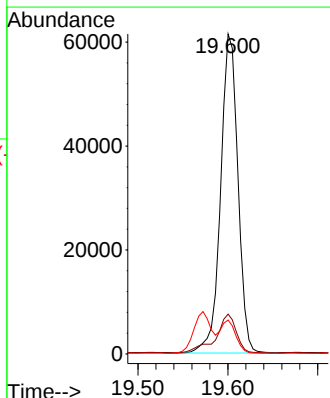
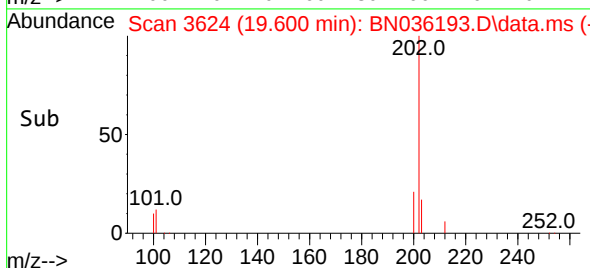
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

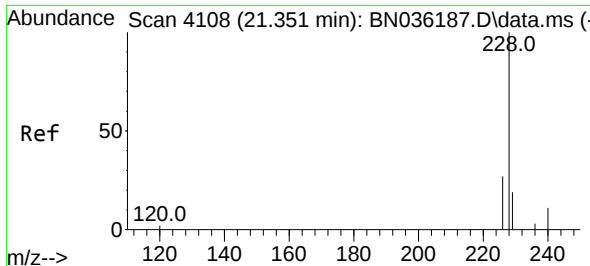


#20
Pyrene
Concen: 1.464 ng/u1
RT: 19.600 min Scan# 3624
Delta R.T. -0.010 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52



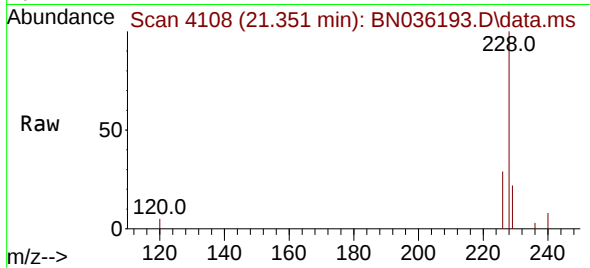
Tgt Ion:202 Resp: 81802
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.6 7.5 11.3





#21
Benzo(a)anthracene
Concen: 0.574 ng/u1
RT: 21.351 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

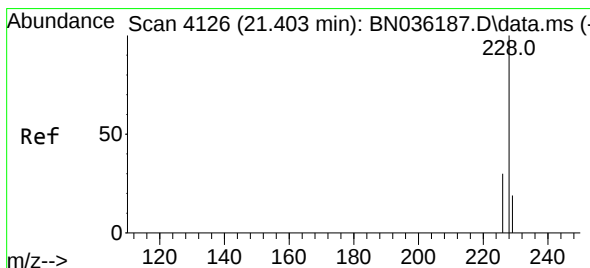
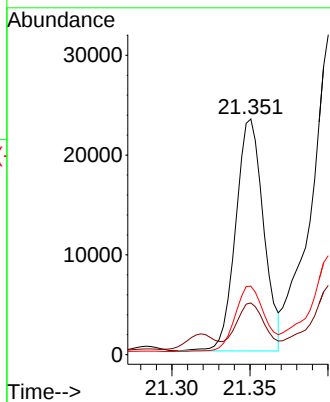
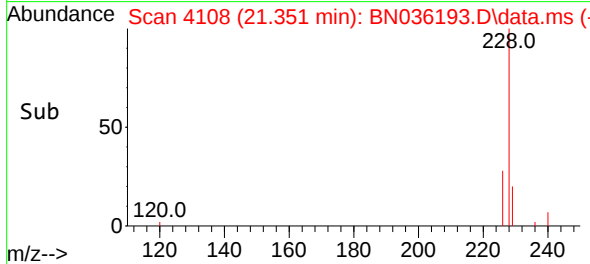
Instrument :
BNA_N
ClientSampleId :
A6307



Tgt Ion:228 Resp: 2887
Ion Ratio Lower Upper
228 100
229 21.9 15.9 23.9
226 29.1 22.8 34.2

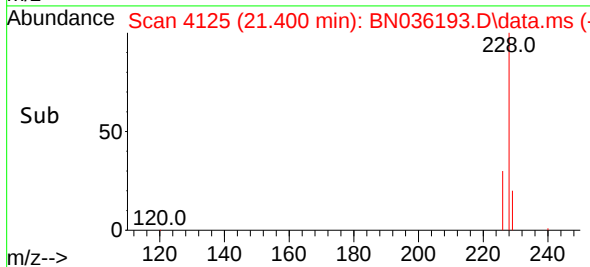
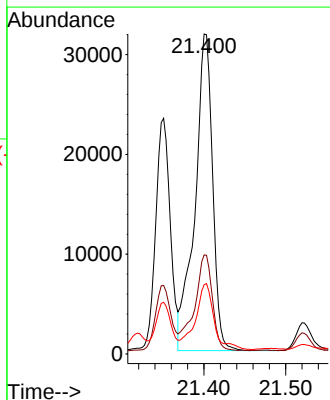
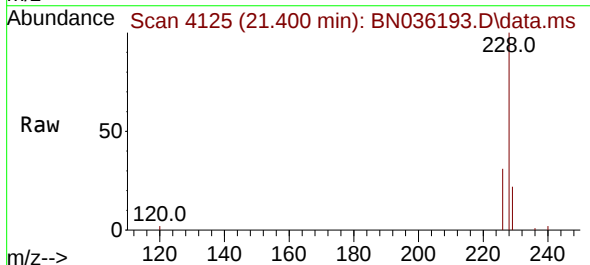
Manual Integrations
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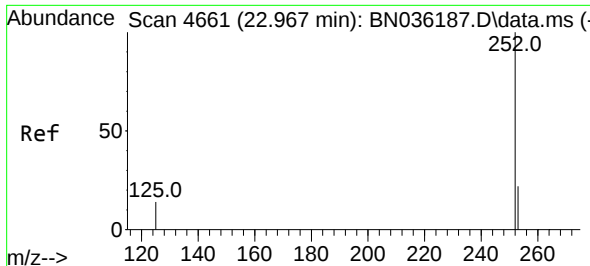
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#22
Chrysene
Concen: 0.929 ng/u1
RT: 21.400 min Scan# 4125
Delta R.T. -0.006 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

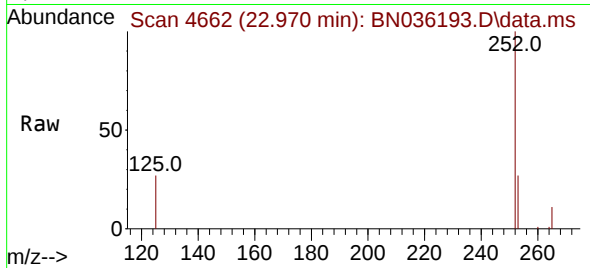
Tgt Ion:228 Resp: 47697
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 21.7 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 1.525 ng/ul m
RT: 22.970 min Scan# 4661
Delta R.T. -0.003 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

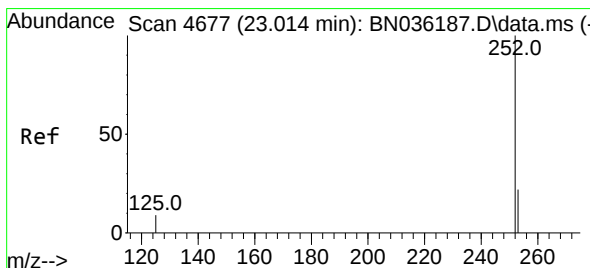
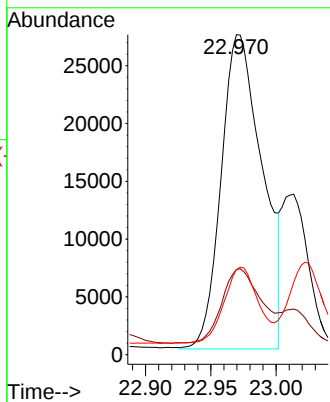
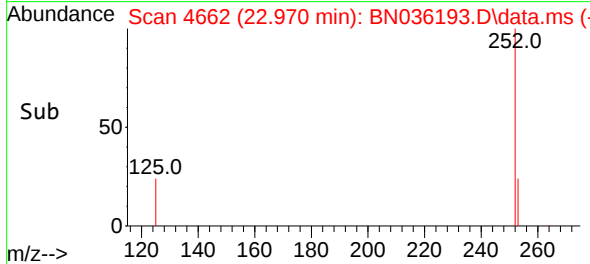
Instrument :
BNA_N
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A6307



Tgt Ion:252 Resp: 59694
Ion Ratio Lower Upper
252 100
253 26.6 0.0 51.2
125 26.6 0.0 27.8

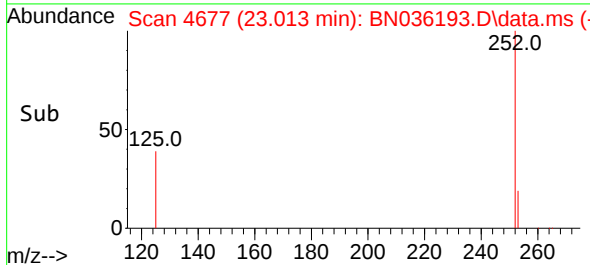
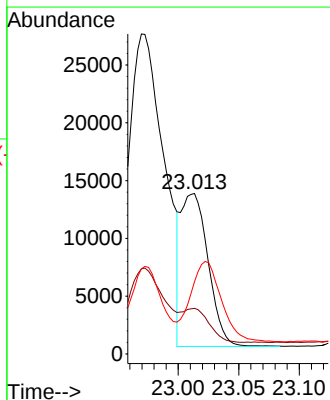
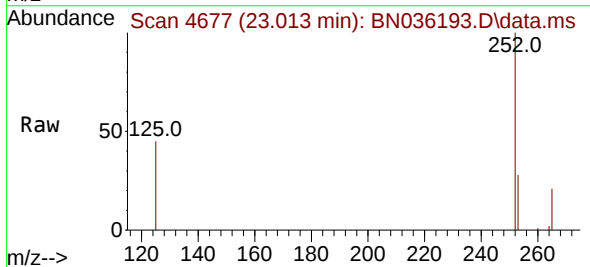
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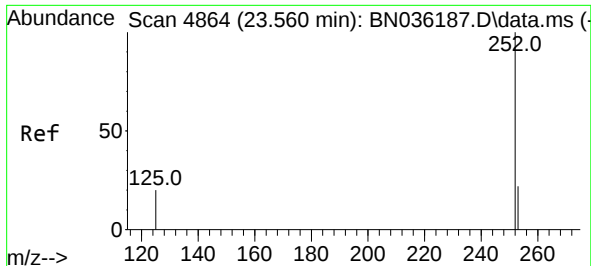
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#25
Benzo(k)fluoranthene
Concen: 0.502 ng/ul m
RT: 23.013 min Scan# 4677
Delta R.T. -0.006 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

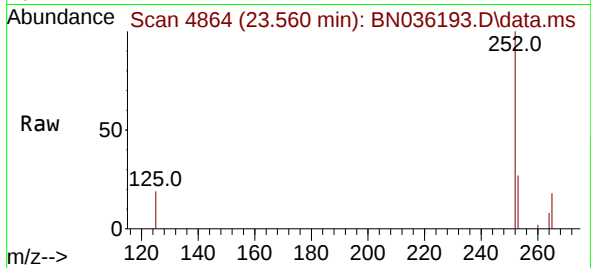
Tgt Ion:252 Resp: 20649
Ion Ratio Lower Upper
252 100
253 28.5 20.2 30.4
125 45.0 10.6 16.0#





#26
Benzo(a)pyrene
Concen: 0.902 ng/ul
RT: 23.560 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

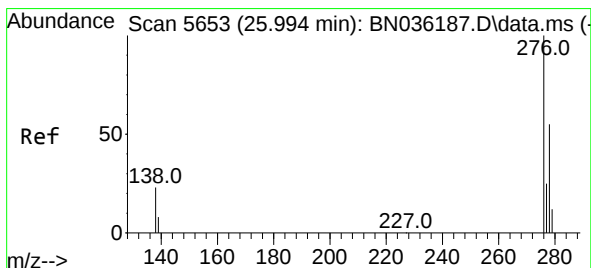
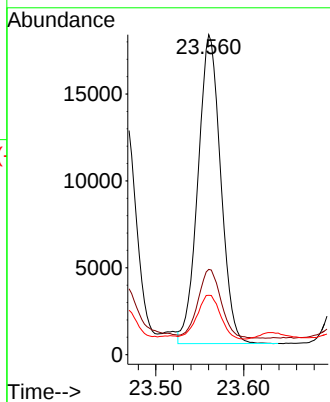
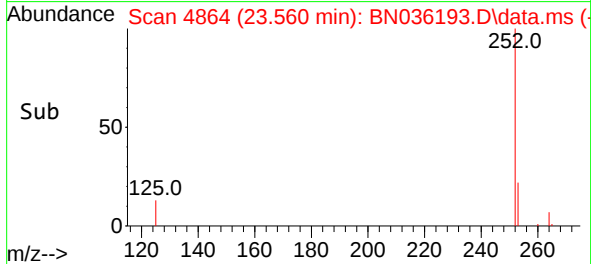
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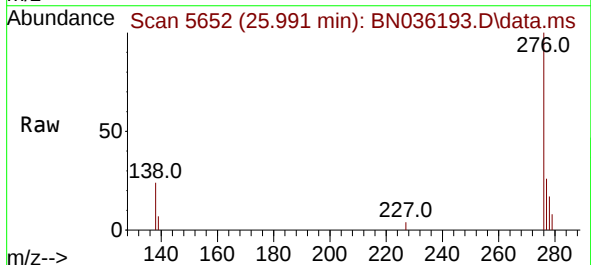
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Ion Ratio Lower Upper
252 100
253 26.7 22.2 33.4
125 18.5 13.1 19.7

Manual Integrations
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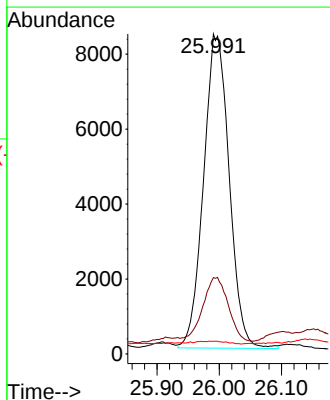
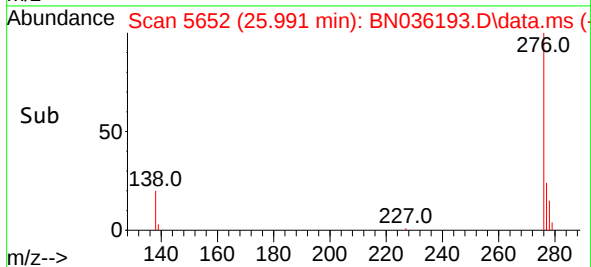
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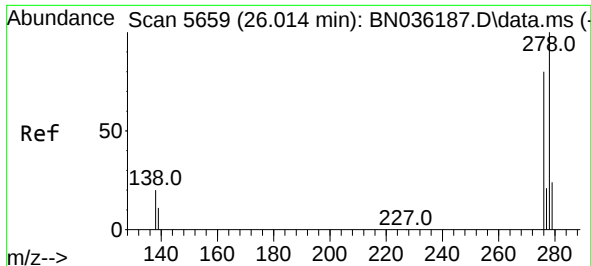


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.512 ng/ul
RT: 25.991 min Scan# 5652
Delta R.T. -0.014 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52



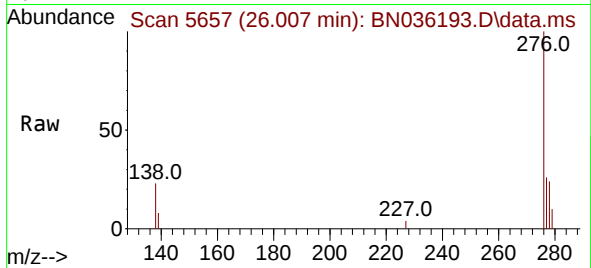
Tgt Ion:276 Resp: 23945
Ion Ratio Lower Upper
276 100
138 20.2 20.2 30.4#
227 0.9 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.007 min Scan# 5659
Delta R.T. -0.014 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52

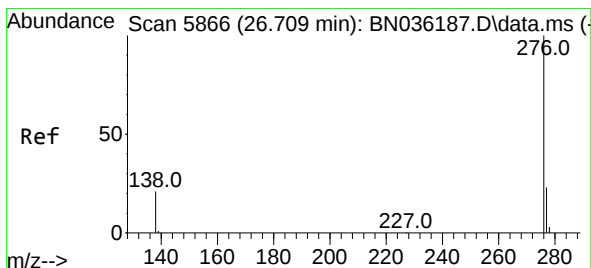
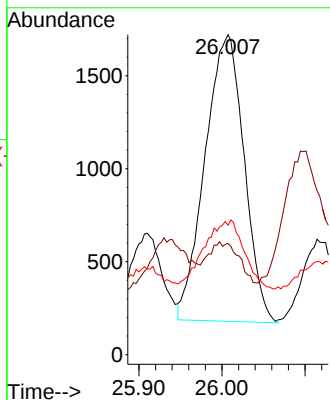
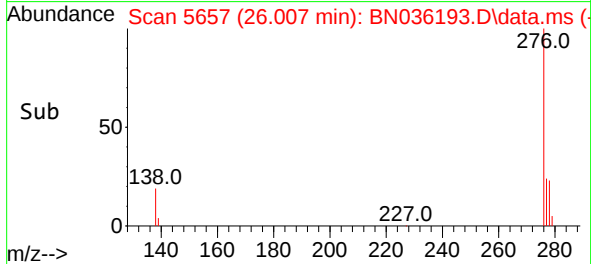
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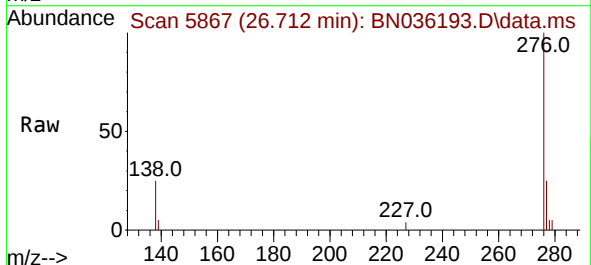
Tgt Ion:278 Resp: 5030
Ion Ratio Lower Upper
278 100
139 34.7 15.4 23.2
279 40.4 22.2 33.4

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



#29
Benzo(g,h,i)perylene
Concen: 0.632 ng/ul
RT: 26.712 min Scan# 5867
Delta R.T. -0.007 min
Lab File: BN036193.D
Acq: 01 Feb 2025 06:52



Tgt Ion:276 Resp: 22956
Ion Ratio Lower Upper
276 100
138 24.5 19.4 29.0
277 25.5 21.1 31.7

