

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036199.D
 Acq On : 01 Feb 2025 10:29
 Operator : RC/JU
 Sample : Q1224-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6303

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:05:06 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	3718	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	9903	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	6121	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	13139	0.400	ng/ul	-0.01
17) Chrysene-d12	21.365	240	11935	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	11075	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	8037	1.974	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1726	0.138	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	3224	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
12) Fluorene	15.481	166	476	0.020	ng/ul#	94
15) Phenanthrene	17.221	178	21011	0.546	ng/ul	98
16) Anthracene	17.309	178	2319	0.065	ng/ul#	91
19) Fluoranthene	19.238	202	71419	1.575	ng/ul	100
20) Pyrene	19.600	202	53067	1.121	ng/ul	98
21) Benzo(a)anthracene	21.351	228	23799	0.559	ng/ul	99
22) Chrysene	21.400	228	31178	0.716	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	38653m	1.046	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	14446m	0.372	ng/ul	
26) Benzo(a)pyrene	23.557	252	14323	0.429	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.991	276	11640	0.264	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.004	278	3313	0.097	ng/ul#	55
29) Benzo(g,h,i)perylene	26.712	276	1695	0.049	ng/ul#	56

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

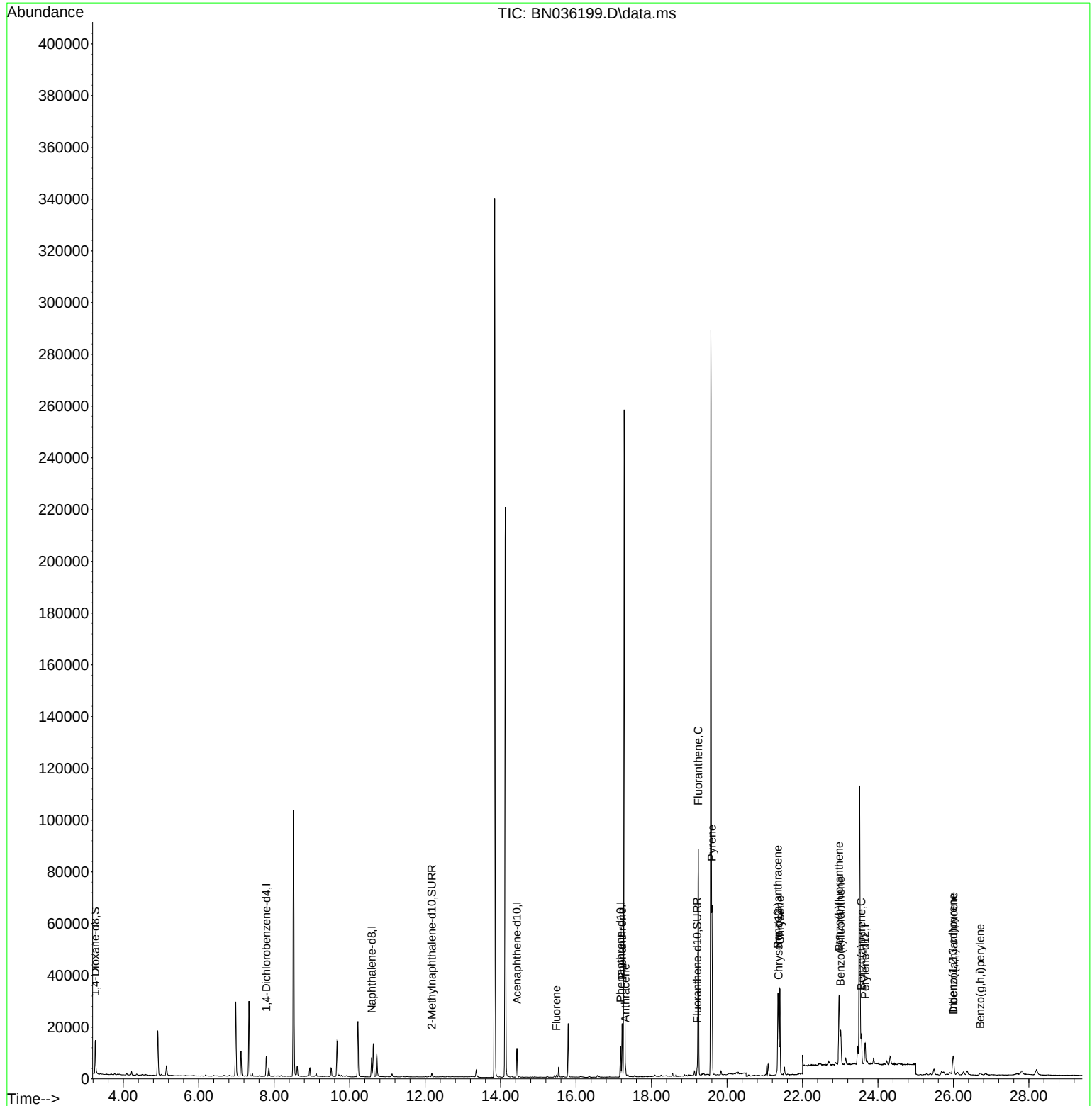
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036199.D
Acq On : 01 Feb 2025 10:29
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Misc :
ALS Vial : 31 Sample Multiplier: 1

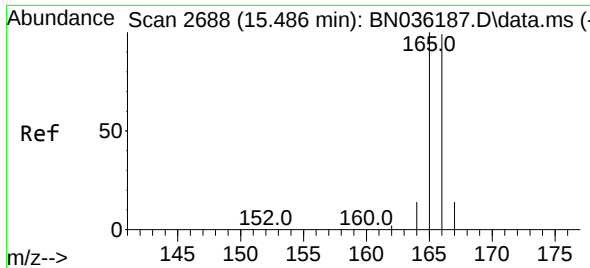
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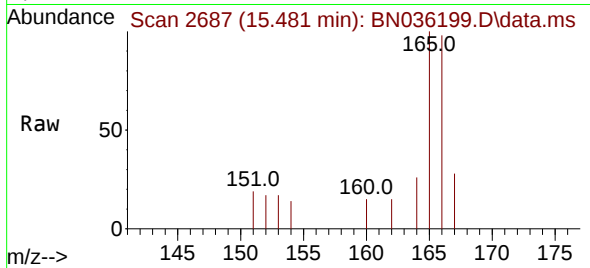
Quant Time: Feb 03 12:05:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.481 min Scan# 2687
Delta R.T. -0.019 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

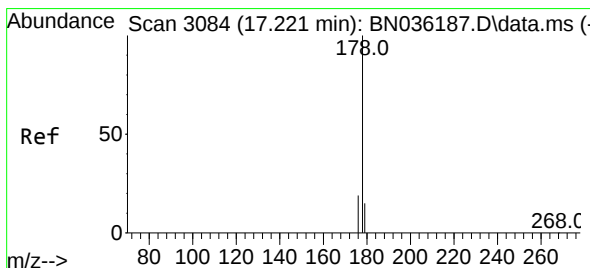
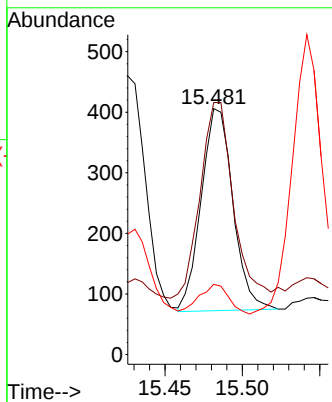
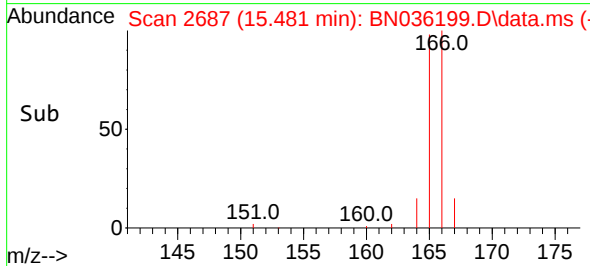
Instrument :
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A6303



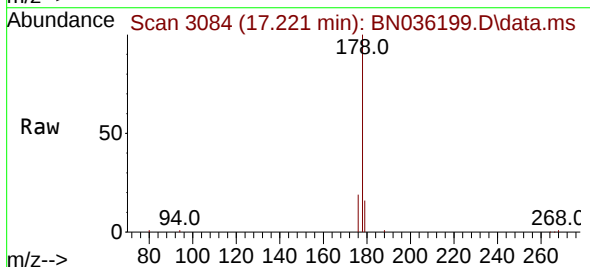
Tgt Ion:166 Resp: 470
Ion Ratio Lower Upper
166 100
165 102.5 80.3 120.5
167 28.6 12.3 18.5

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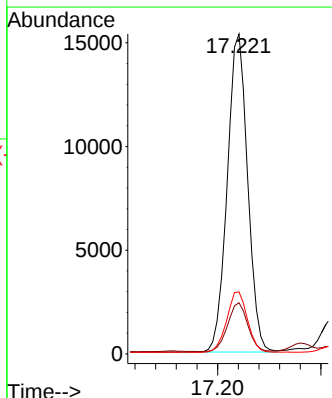
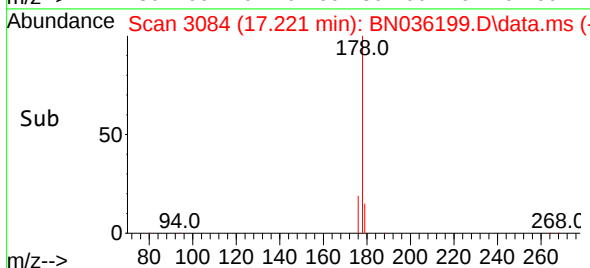
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

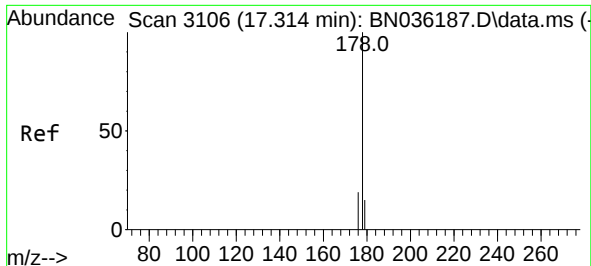


#15
Phenanthrene
Concen: 0.546 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29



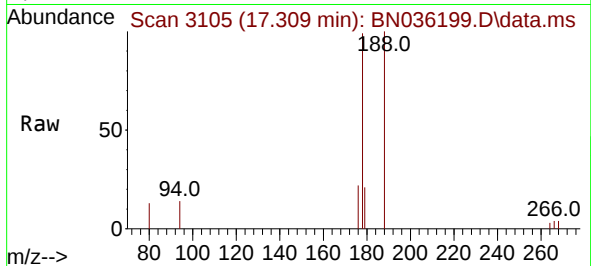
Tgt Ion:178 Resp: 21011
Ion Ratio Lower Upper
178 100
179 16.0 13.2 19.8
176 19.4 16.8 25.2





#16
 Anthracene
 Concen: 0.065 ng/ul
 RT: 17.309 min Scan# 3105
 Delta R.T. -0.013 min
 Lab File: BN036199.D
 Acq: 01 Feb 2025 10:29

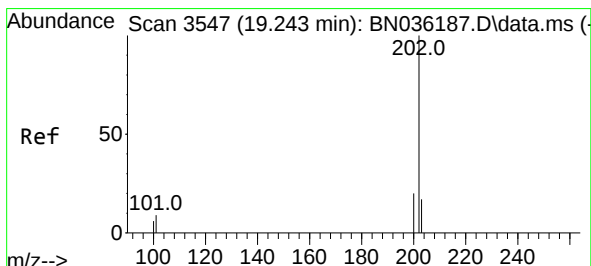
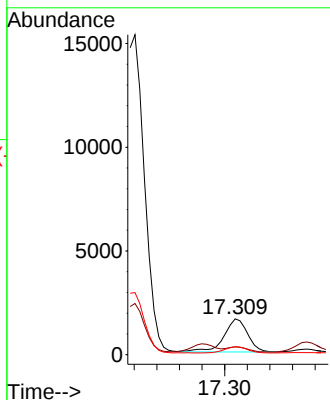
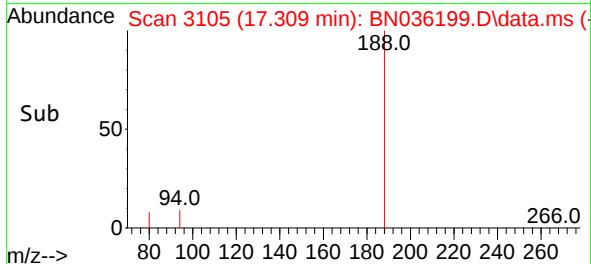
Instrument :
 BNA_N
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 A6303



Tgt Ion:178 Resp: 2319
 Ion Ratio Lower Upper
 178 100
 179 21.7 13.0 19.4
 176 22.5 15.9 23.9

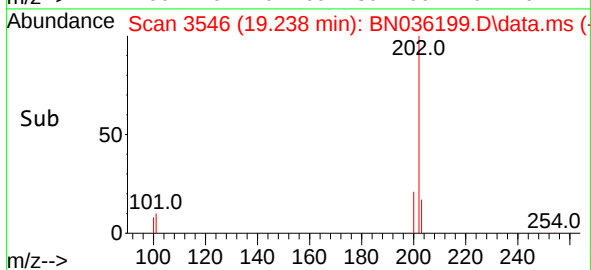
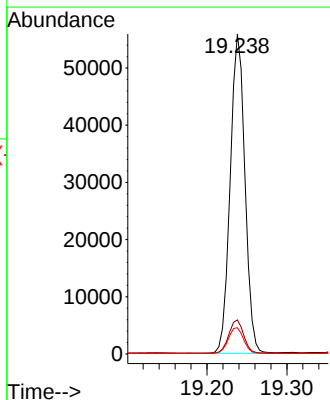
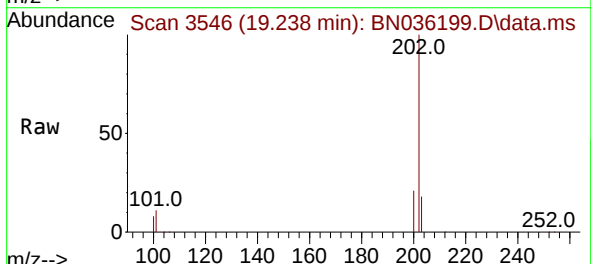
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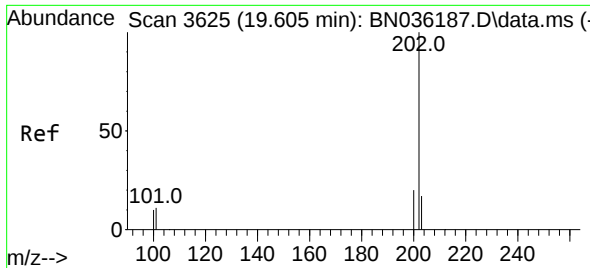
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 1.575 ng/ul
 RT: 19.238 min Scan# 3546
 Delta R.T. -0.009 min
 Lab File: BN036199.D
 Acq: 01 Feb 2025 10:29

Tgt Ion:202 Resp: 71419
 Ion Ratio Lower Upper
 202 100
 101 10.6 8.4 12.6
 100 8.2 6.5 9.7





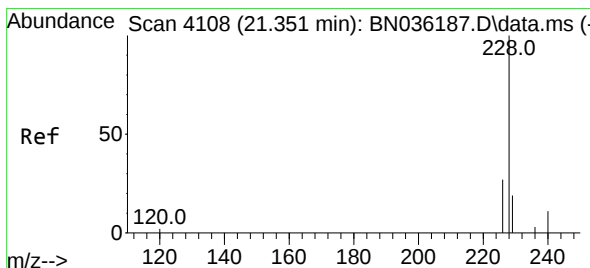
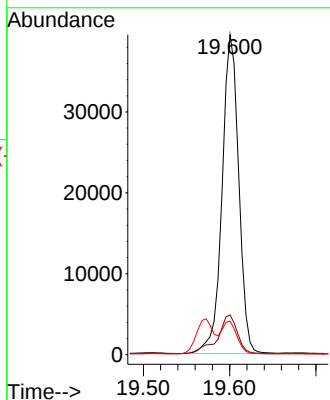
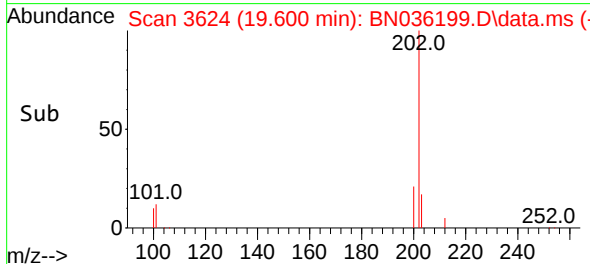
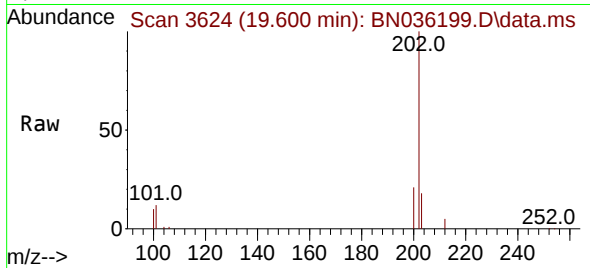
#20
Pyrene
Concen: 1.121 ng/ul
RT: 19.600 min Scan# 3625
Delta R.T. -0.009 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

Instrument :
BNA_N
ClientSampleId :
A6303

Tgt Ion:202 Resp: 5306
Ion Ratio Lower Upper
202 100
101 12.4 9.3 13.9
100 10.5 7.5 11.3

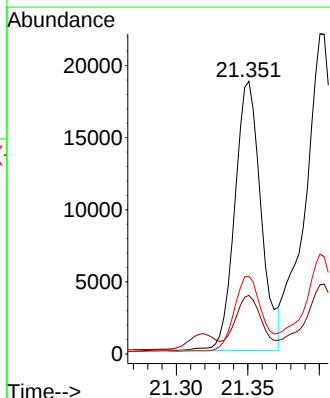
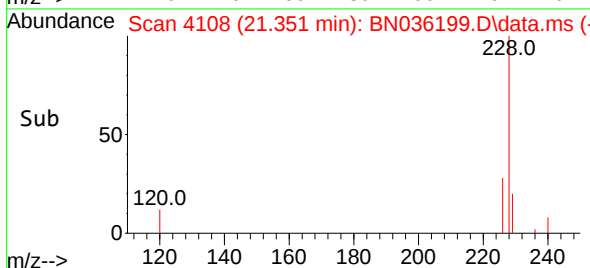
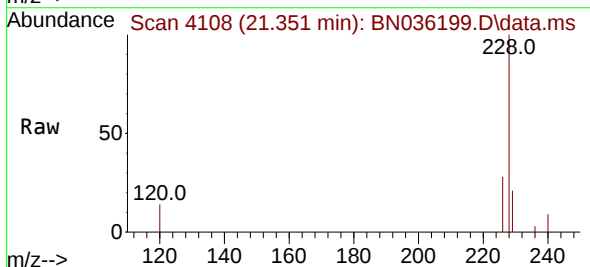
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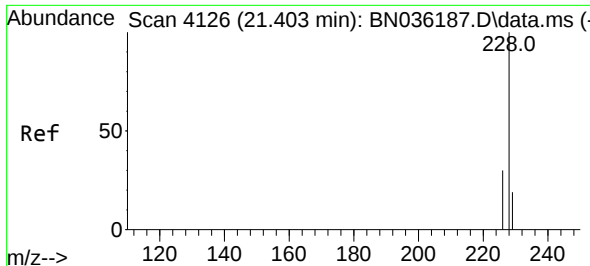
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#21
Benzo(a)anthracene
Concen: 0.559 ng/ul
RT: 21.351 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

Tgt Ion:228 Resp: 23799
Ion Ratio Lower Upper
228 100
229 21.5 15.9 23.9
226 28.5 22.8 34.2





#22

Chrysene

Concen: 0.716 ng/ul

RT: 21.400 min Scan# 4126

Delta R.T. -0.006 min

Lab File: BN036199.D

Acq: 01 Feb 2025 10:29

Instrument :

BNA_N

ClientSampleId :

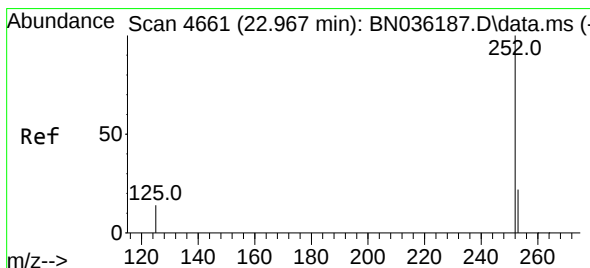
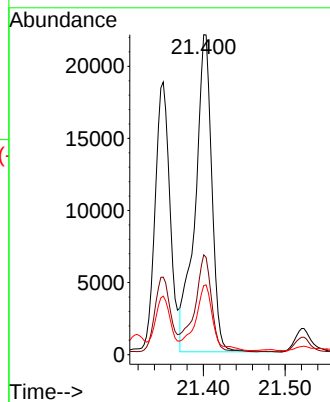
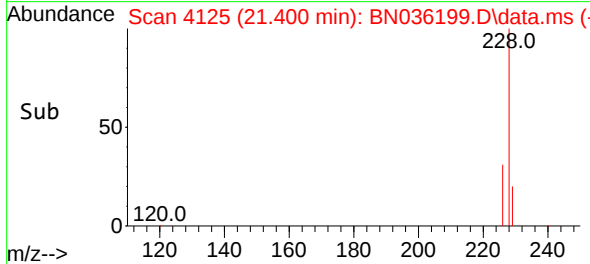
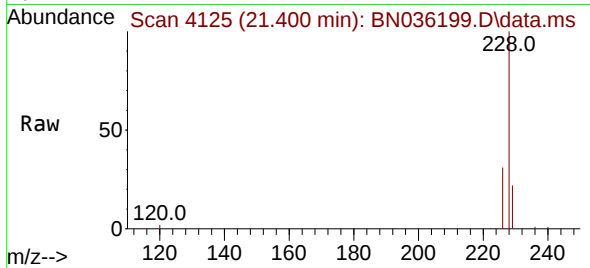
A6303

Tgt Ion:228	Resp:	31178
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.4 36.6
229	21.6	15.9 23.9

Manual Integrations

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Supervised By :mohammad ahmed 02/04/2025



#24

Benzo(b)fluoranthene

Concen: 1.046 ng/ul m

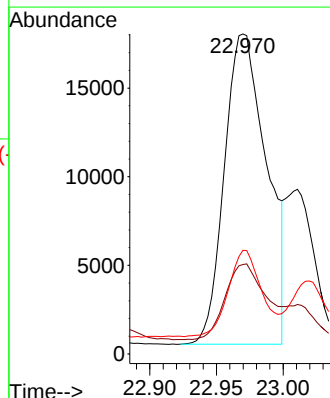
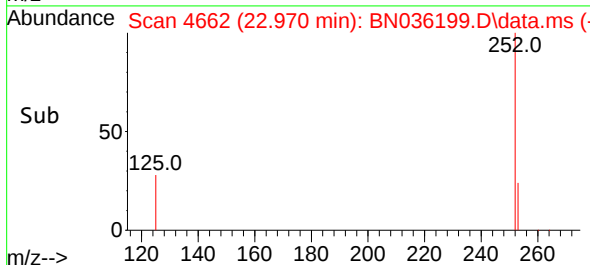
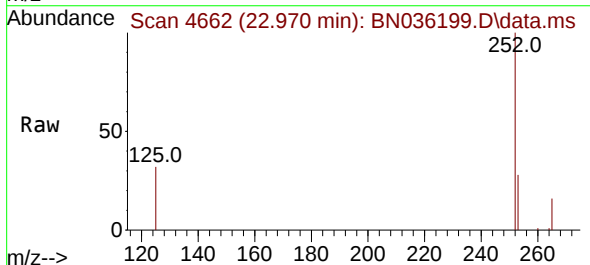
RT: 22.970 min Scan# 4662

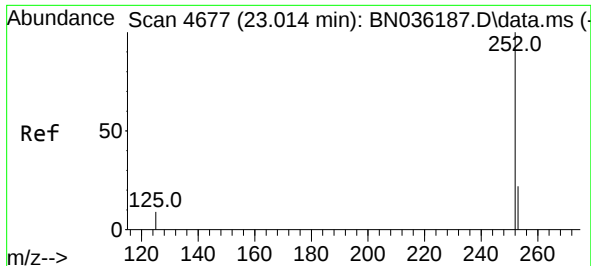
Delta R.T. -0.003 min

Lab File: BN036199.D

Acq: 01 Feb 2025 10:29

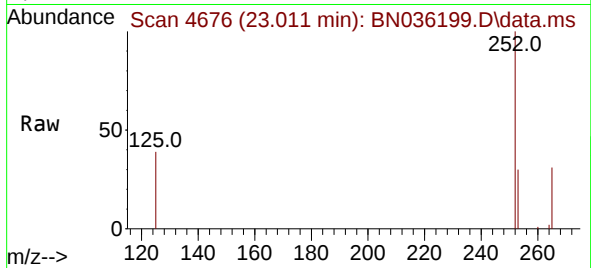
Tgt Ion:252	Resp:	38653
Ion Ratio	Lower	Upper
252	100	
253	28.0	0.0 51.2
125	32.4	0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul m
RT: 23.011 min Scan# 4676
Delta R.T. -0.009 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

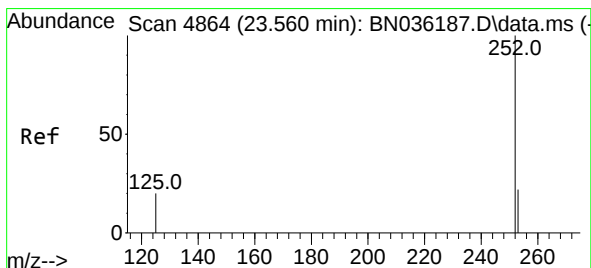
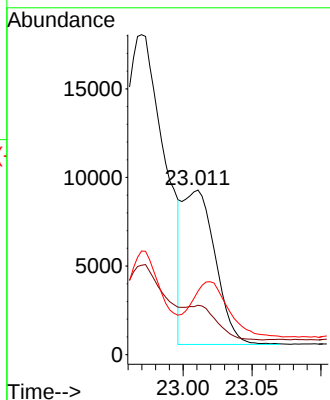
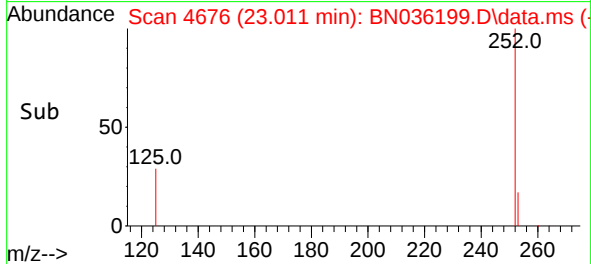
Instrument :
BNA_N
ClientSampleId :
A6303



Tgt Ion:252 Resp: 14440
Ion Ratio Lower Upper
252 100
253 30.0 20.2 30.4
125 38.6 10.6 16.0

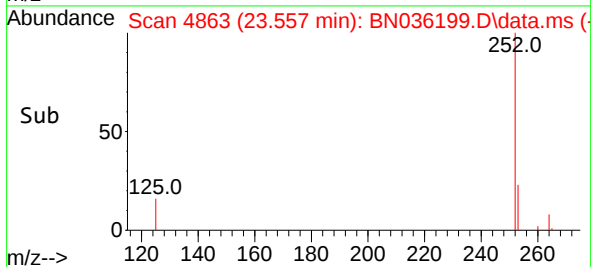
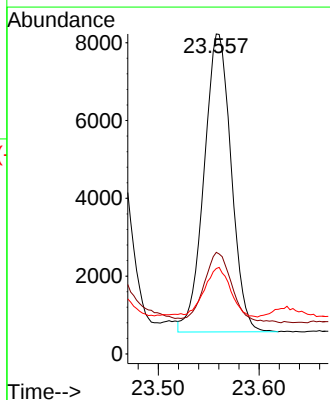
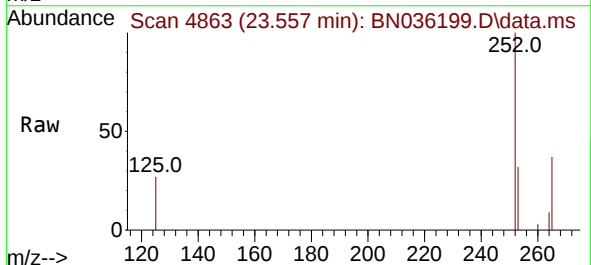
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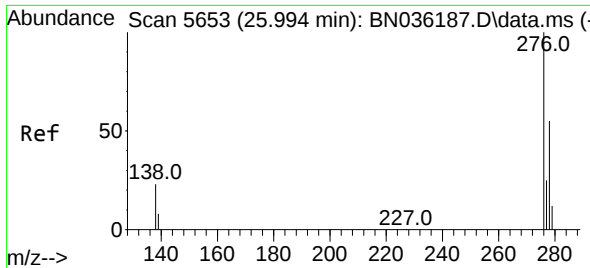
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.557 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

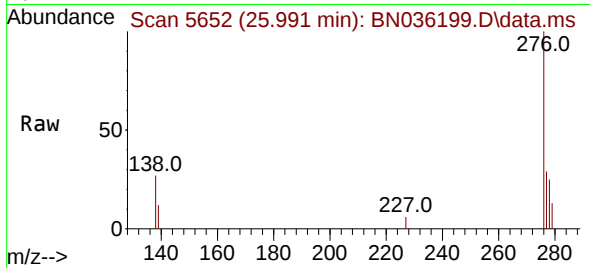
Tgt Ion:252 Resp: 14323
Ion Ratio Lower Upper
252 100
253 31.7 22.2 33.4
125 26.7 13.1 19.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 25.991 min Scan# 5652
Delta R.T. -0.014 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29

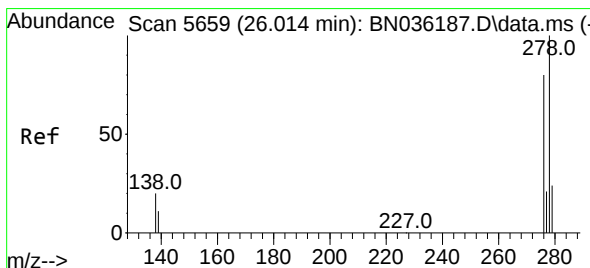
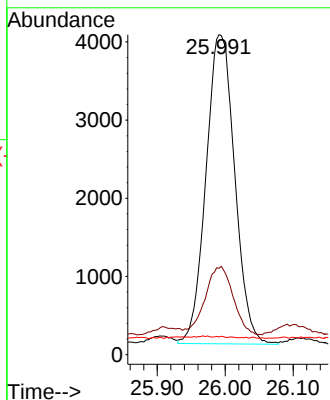
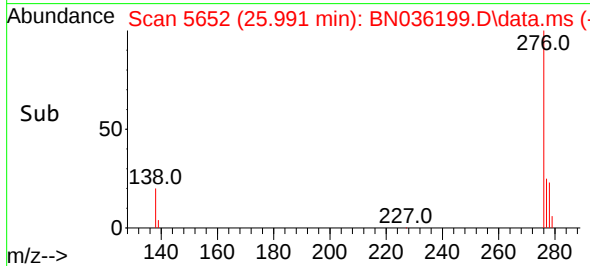
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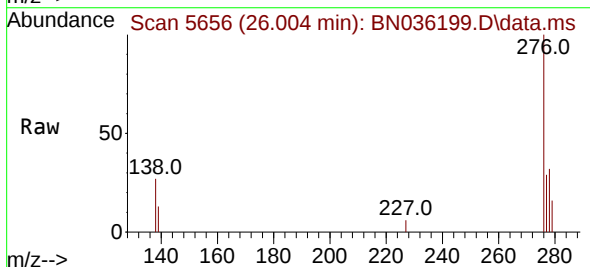
Tgt Ion:276 Resp: 11640
Ion Ratio Lower Upper
276 100
138 21.8 20.2 30.4
227 0.0 0.1 0.1

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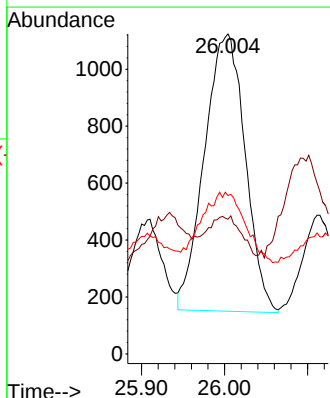
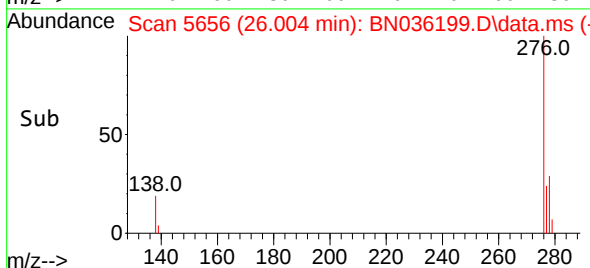
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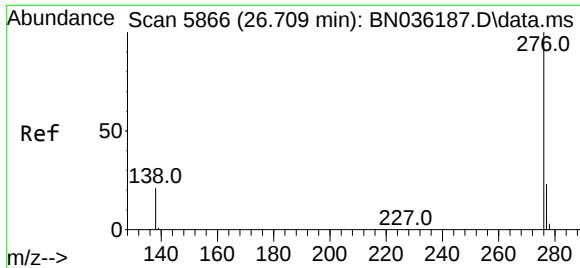


#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul
RT: 26.004 min Scan# 5656
Delta R.T. -0.017 min
Lab File: BN036199.D
Acq: 01 Feb 2025 10:29



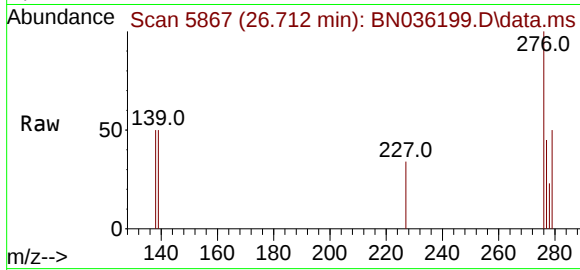
Tgt Ion:278 Resp: 3313
Ion Ratio Lower Upper
278 100
139 42.1 15.4 23.2#
279 49.5 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.049 ng/ul
 RT: 26.712 min Scan# 5867
 Delta R.T. -0.007 min
 Lab File: BN036199.D
 Acq: 01 Feb 2025 10:29

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 169
 Ion Ratio Lower Upper
 276 100
 138 50.0 19.4 29.0
 277 45.4 21.1 31.7

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