

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036175.D
 Acq On : 31 Jan 2025 19:27
 Operator : RC/JU
 Sample : Q1197-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 08:51:56 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	7.795	152	568	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.583	136	2191m	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	6474m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.183	188	3320m	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	8350m	0.400	ng/ul	0.00
23) Perylene-d12	23.675	264	7809m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	208	0.334	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	918m	0.332	ng/ul	-0.02
18) Fluoranthene-d10	19.215	212	4372m	0.191	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.289	88	566	0.853	ng/ul#	1
5) Naphthalene	10.638	128	61682	10.219	ng/ul	98
7) 2-Methylnaphthalene	12.255	142	8699m	2.320	ng/ul	
8) 1-Methylnaphthalene	12.475	142	7657m	2.012	ng/ul	
10) Acenaphthylene	14.154	152	4008m	0.131	ng/ul	
11) Acenaphthene	14.501	153	7389m	0.329	ng/ul	
12) Fluorene	15.486	166	4589m	0.185	ng/ul	
14) Pentachlorophenol	16.841	266	1545m	1.328	ng/ul	
15) Phenanthrene	17.225	178	11859m	1.220	ng/ul	
16) Anthracene	17.314	178	12356m	1.367	ng/ul	
19) Fluoranthene	19.243	202	8569m	0.270	ng/ul	
20) Pyrene	19.606	202	9334m	0.282	ng/ul	
21) Benzo(a)anthracene	21.360	228	7663m	0.257	ng/ul	
22) Chrysene	21.410	228	9140m	0.300	ng/ul	
24) Benzo(b)fluoranthene	22.979	252	9903m	0.380	ng/ul	
25) Benzo(k)fluoranthene	23.023	252	9297m	0.339	ng/ul	
26) Benzo(a)pyrene	23.575	252	9489m	0.403	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.015	276	14111m	0.453	ng/ul	
28) Dibenzo(a,h)anthracene	26.028	278	11131m	0.464	ng/ul	
29) Benzo(g,h,i)perylene	26.729	276	11182m	0.462	ng/ul	

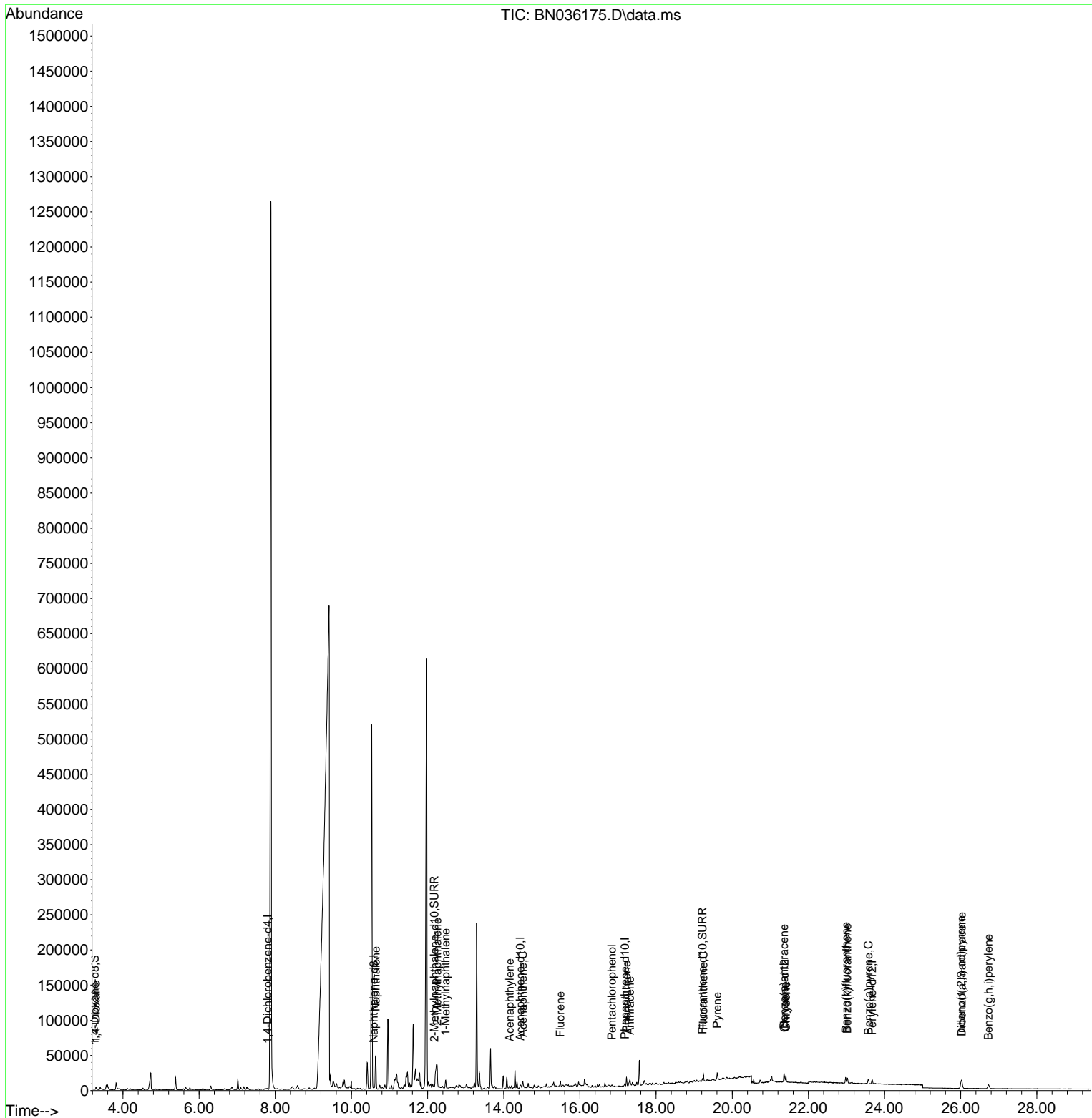
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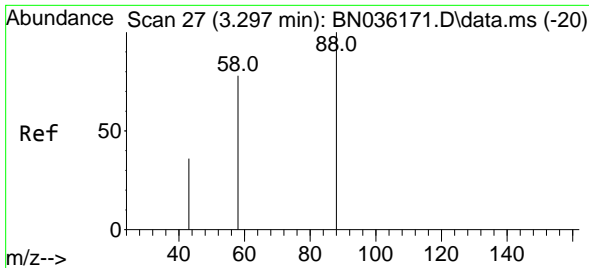
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
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 Supervised By :mohammad ahmed 02/04/2025





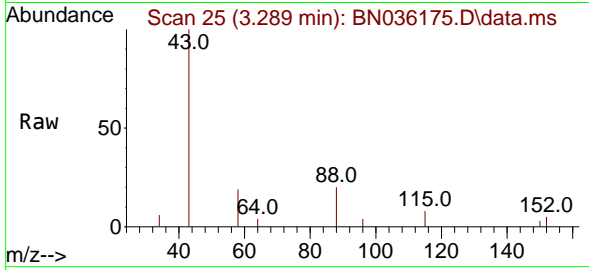
#2
 1,4-Dioxane
 Concen: 0.853 ng/u1
 RT: 3.289 min Scan# 21
 Delta R.T. -0.025 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

Instrument :

BNA_N

ClientSampleId :

E2964MSD

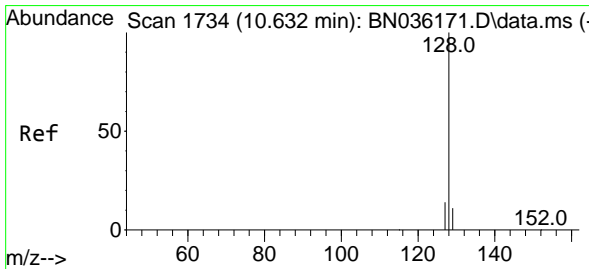
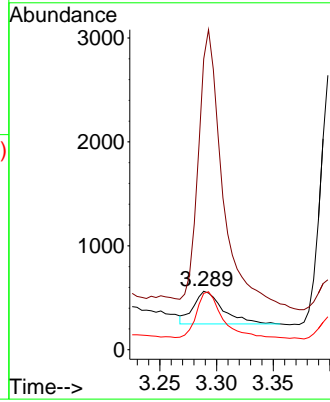
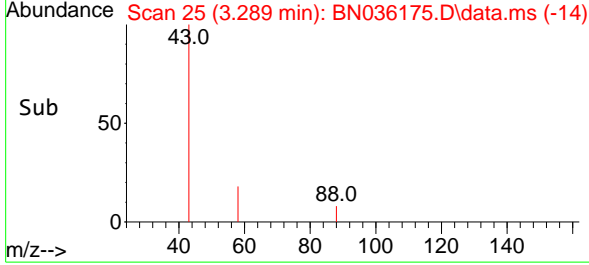


Tgt Ion: 88 Resp: 560
 Ion Ratio Lower Upper
 88 100
 43 497.9 40.7 61.1
 58 96.6 55.2 82.8

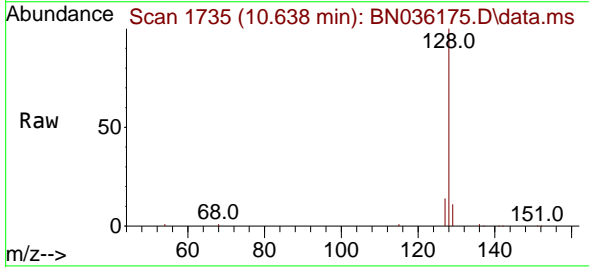
Manual Integrations

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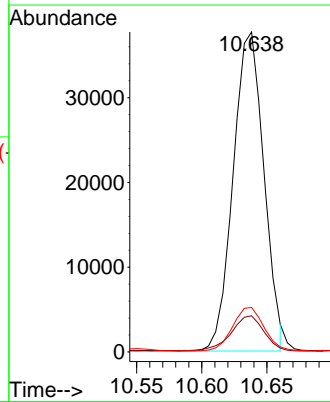
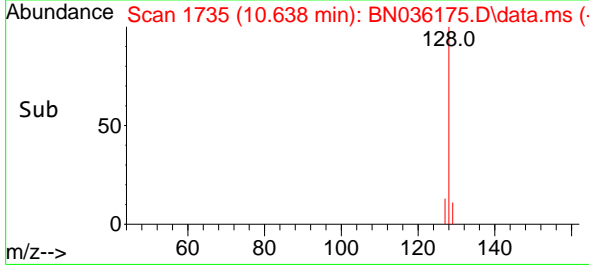
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

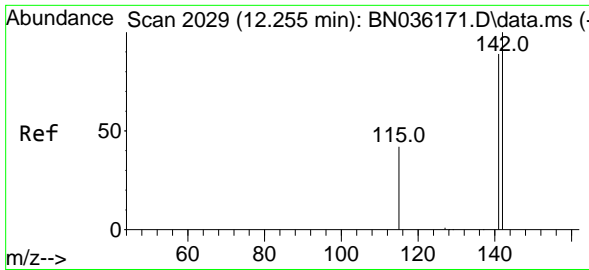


#5
 Naphthalene
 Concen: 10.219 ng/u1
 RT: 10.638 min Scan# 1735
 Delta R.T. -0.017 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



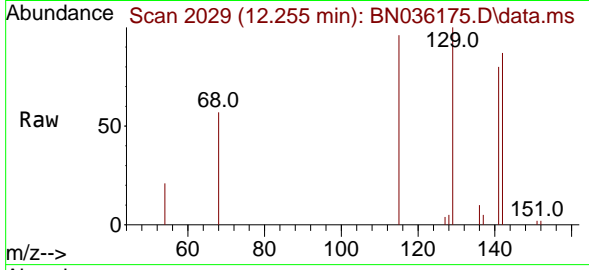
Tgt Ion:128 Resp: 61682
 Ion Ratio Lower Upper
 128 100
 129 11.3 9.6 14.4
 127 13.9 12.0 18.0





#7
 2-Methylnaphthalene
 Concen: 2.320 ng/ul m
 RT: 12.255 min Scan# 2029
 Delta R.T. -0.017 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

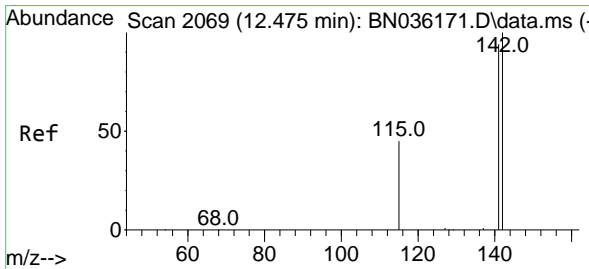
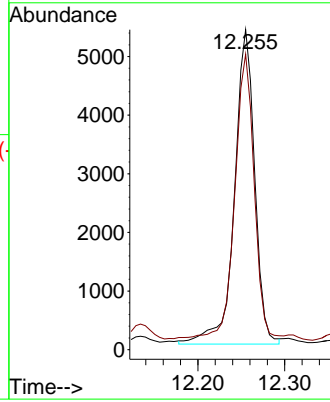
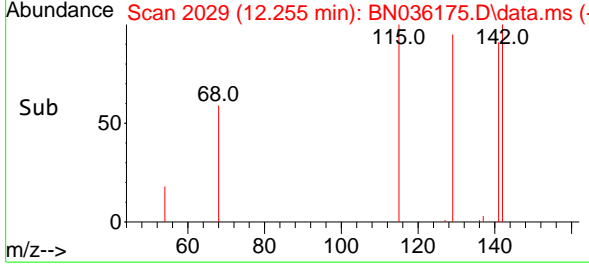
Instrument :
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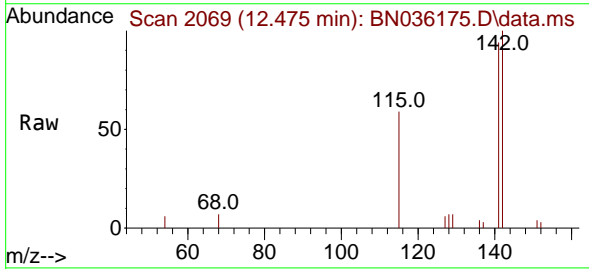
Tgt Ion:142 Resp: 8699
 Ion Ratio Lower Upper
 142 100
 141 80.3 71.9 107.9

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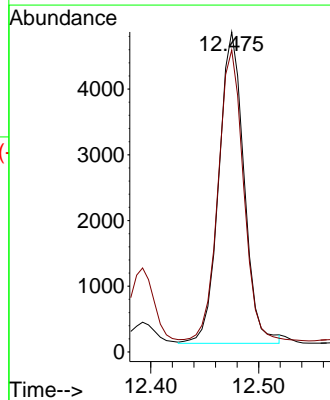
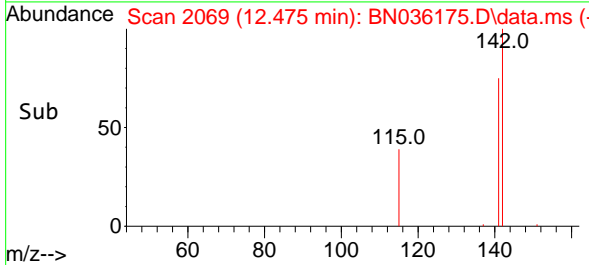
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

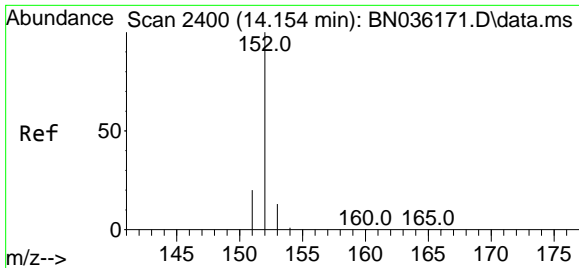


#8
 1-Methylnaphthalene
 Concen: 2.012 ng/ul m
 RT: 12.475 min Scan# 2069
 Delta R.T. -0.017 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



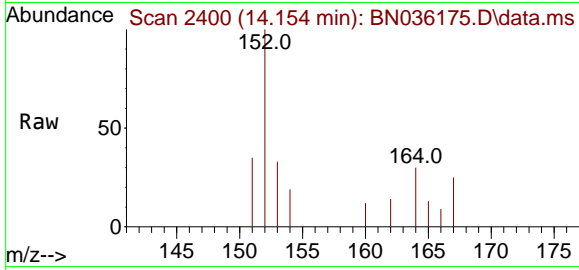
Tgt Ion:142 Resp: 7657
 Ion Ratio Lower Upper
 142 100
 141 84.0 75.2 112.8





#10
 Acenaphthylene
 Concen: 0.131 ng/ul m
 RT: 14.154 min Scan# 2400
 Delta R.T. -0.014 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

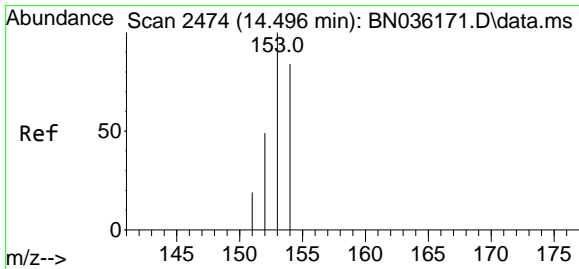
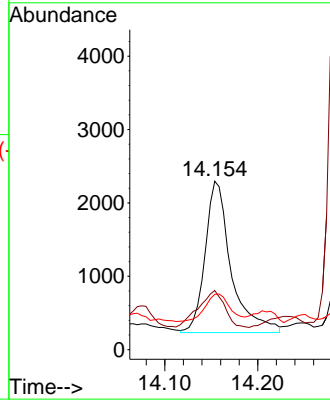
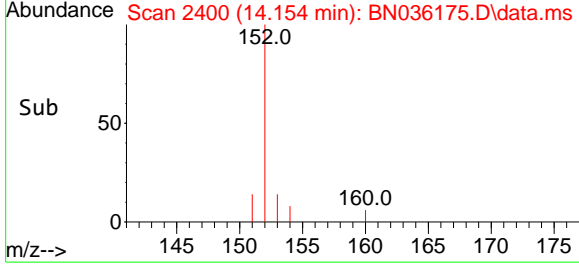


Tgt Ion:152 Resp: 4000

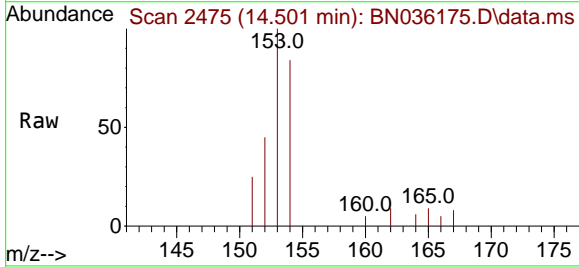
Ion	Ratio	Lower	Upper
152	100		
151	35.1	17.4	26.2
153	32.8	11.9	17.9

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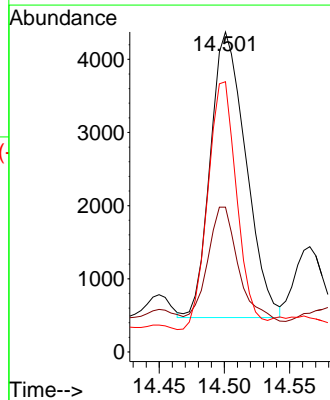
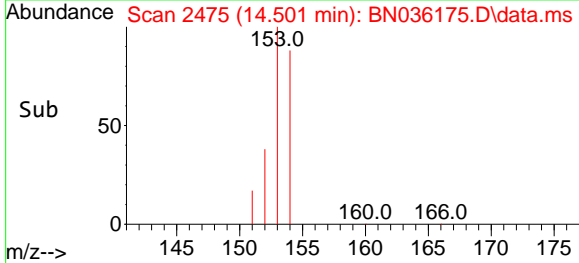


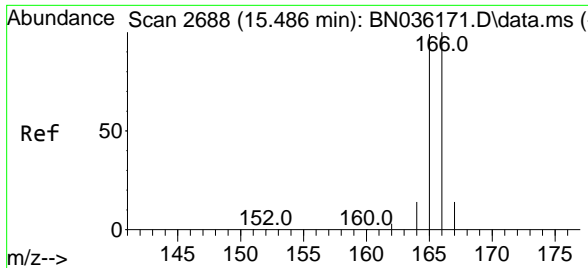
#11
 Acenaphthene
 Concen: 0.329 ng/ul m
 RT: 14.501 min Scan# 2475
 Delta R.T. -0.014 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



Tgt Ion:153 Resp: 7389

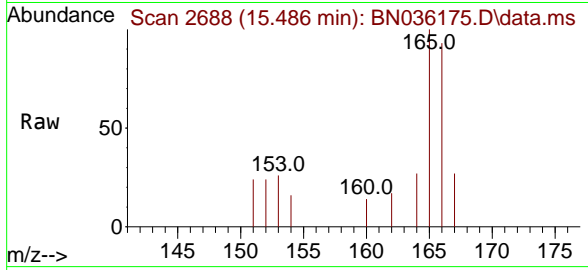
Ion	Ratio	Lower	Upper
153	100		
152	45.3	43.2	64.8
154	84.4	70.5	105.7





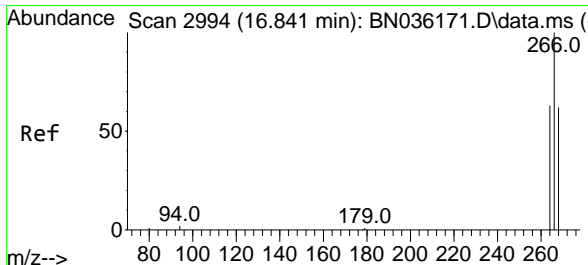
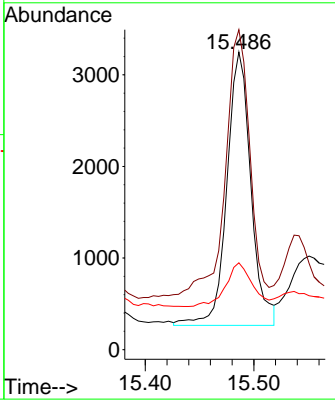
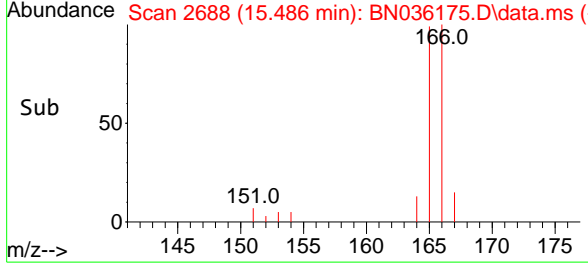
#12
 Fluorene
 Concen: 0.185 ng/ul m
 RT: 15.486 min Scan# 2688
 Delta R.T. -0.014 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

Instrument : BNA_N
 ClientSampleId : E2964MSD

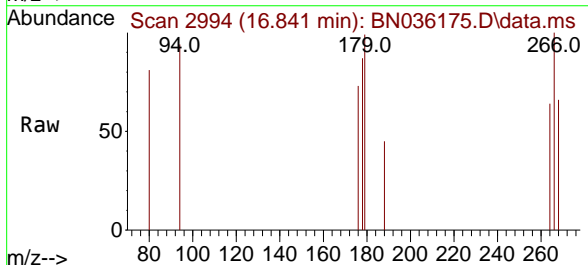


Tgt Ion:166 Resp: 4589
 Ion Ratio Lower Upper
 166 100
 165 107.5 80.3 120.5
 167 29.2 12.3 18.5

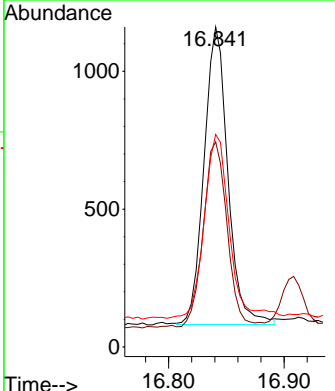
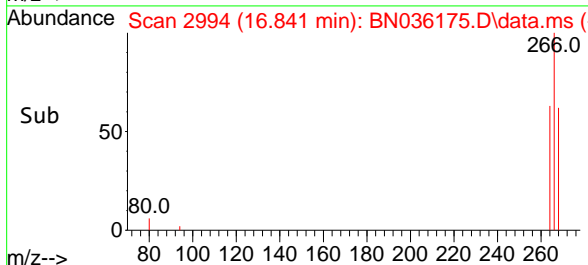
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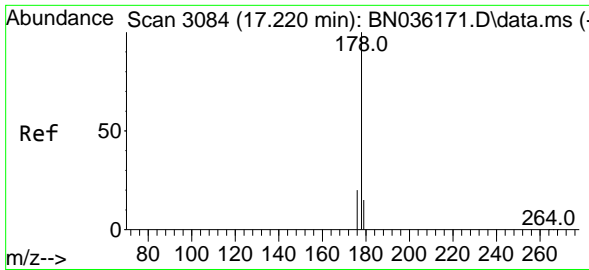


#14
 Pentachlorophenol
 Concen: 1.328 ng/ul m
 RT: 16.841 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



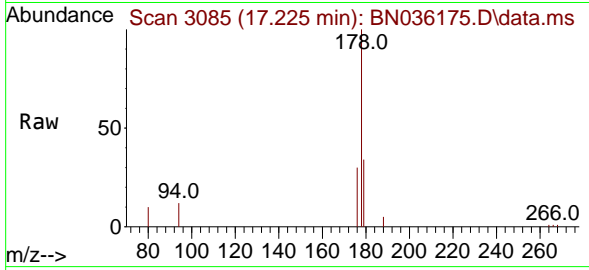
Tgt Ion:266 Resp: 1545
 Ion Ratio Lower Upper
 266 100
 264 5.3 50.6 75.8#
 268 0.9 50.6 75.8#





#15
 Phenanthrene
 Concen: 1.220 ng/ul m
 RT: 17.225 min Scan# 3085
 Delta R.T. -0.008 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

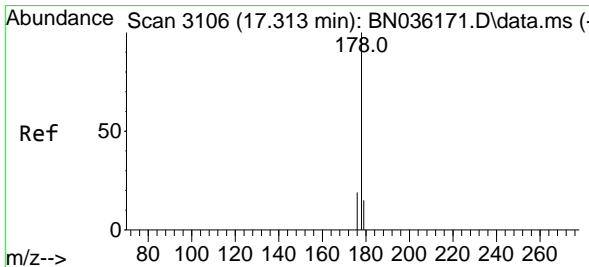
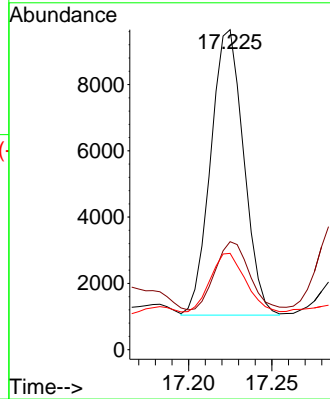
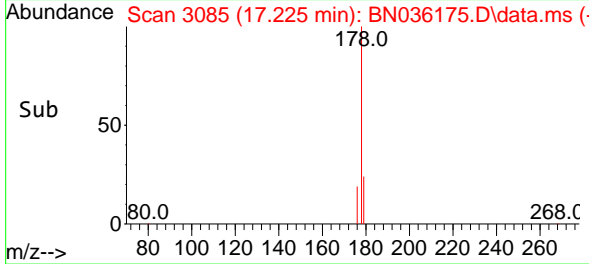
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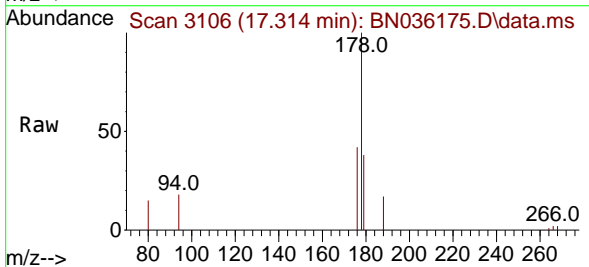
Tgt Ion:178 Resp: 11856
 Ion Ratio Lower Upper
 178 100
 179 33.8 13.2 19.8#
 176 30.1 16.8 25.2#

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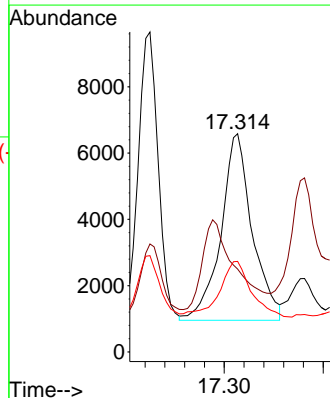
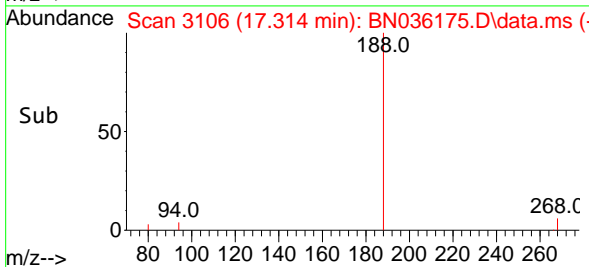
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

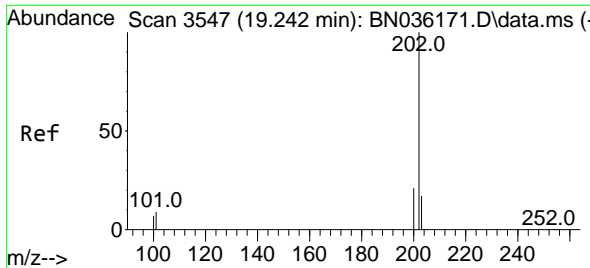


#16
 Anthracene
 Concen: 1.367 ng/ul m
 RT: 17.314 min Scan# 3106
 Delta R.T. -0.008 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



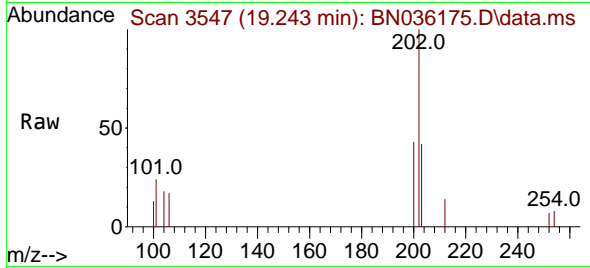
Tgt Ion:178 Resp: 12356
 Ion Ratio Lower Upper
 178 100
 179 38.0 13.0 19.4#
 176 41.5 15.9 23.9#





#19
 Fluoranthene
 Concen: 0.270 ng/ul m
 RT: 19.243 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

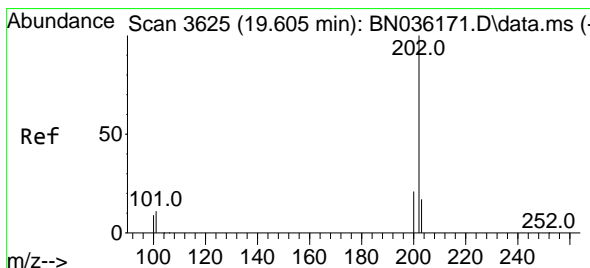
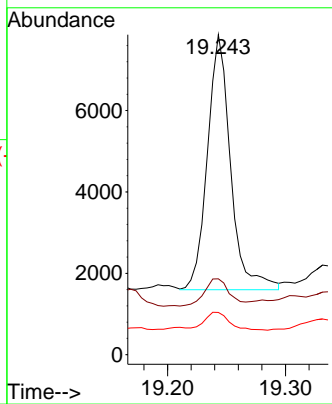
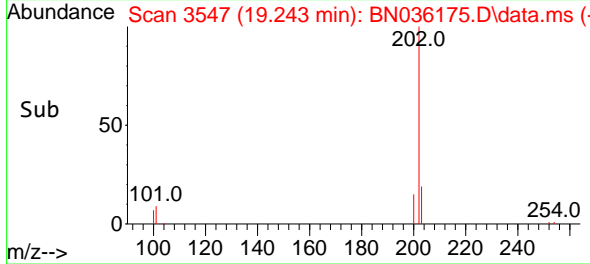
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Tgt Ion:202 Resp: 8569
 Ion Ratio Lower Upper
 202 100
 101 23.7 8.4 12.6
 100 13.2 6.5 9.7

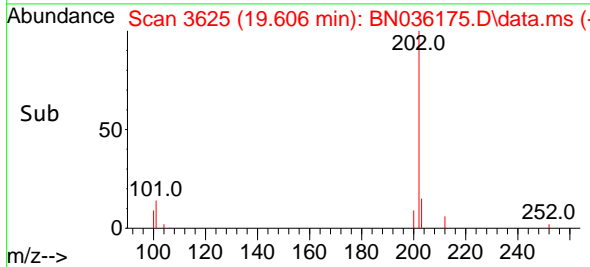
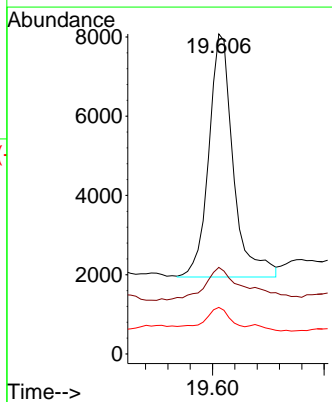
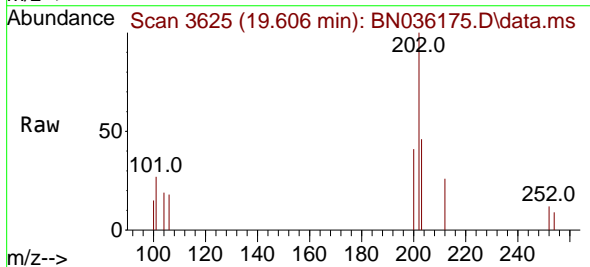
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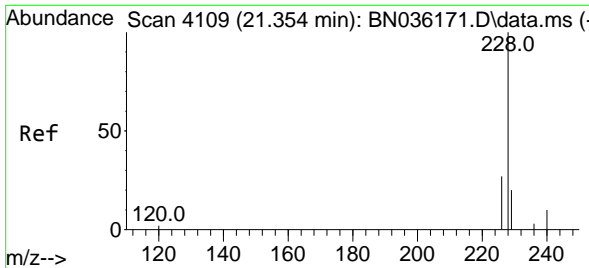
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#20
 Pyrene
 Concen: 0.282 ng/ul m
 RT: 19.606 min Scan# 3625
 Delta R.T. -0.004 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

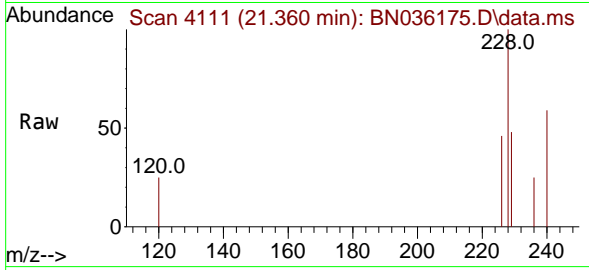
Tgt Ion:202 Resp: 9334
 Ion Ratio Lower Upper
 202 100
 101 27.1 9.3 13.9#
 100 14.6 7.5 11.3#





#21
 Benzo(a)anthracene
 Concen: 0.257 ng/ul m
 RT: 21.360 min Scan# 4111
 Delta R.T. 0.006 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

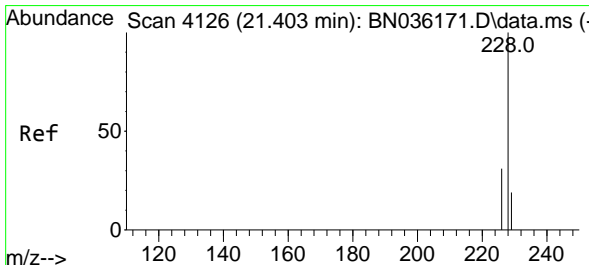
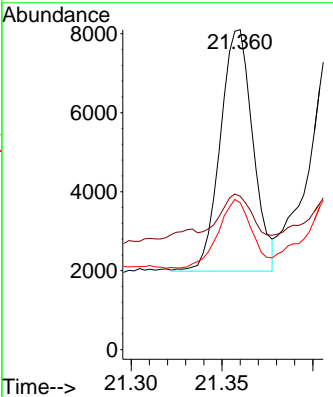
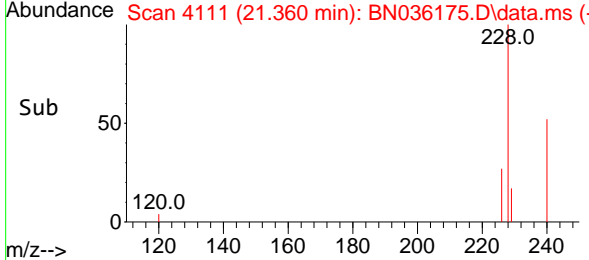
Instrument : BNA_N
 ClientSampleId : E2964MSD



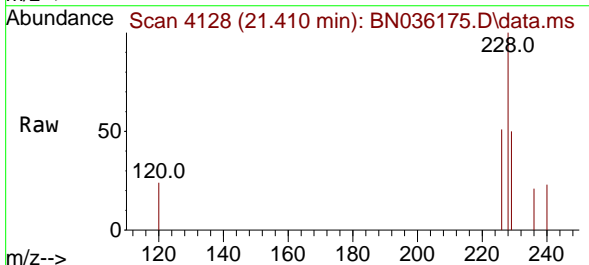
Tgt Ion: 228 Resp: 766

Ion	Ratio	Lower	Upper
228	100		
229	48.0	15.9	23.9
226	45.9	22.8	34.2

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

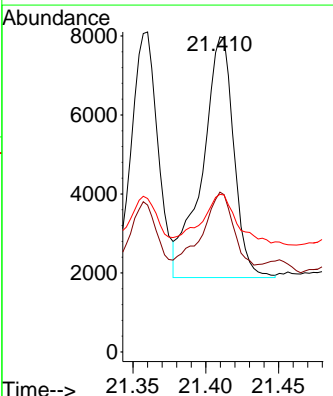
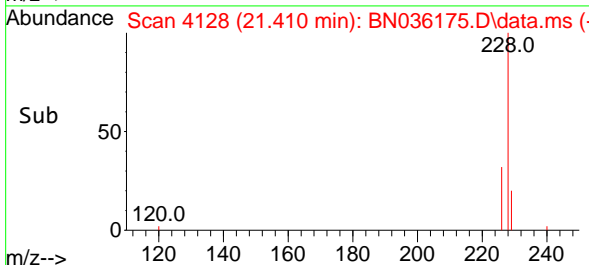


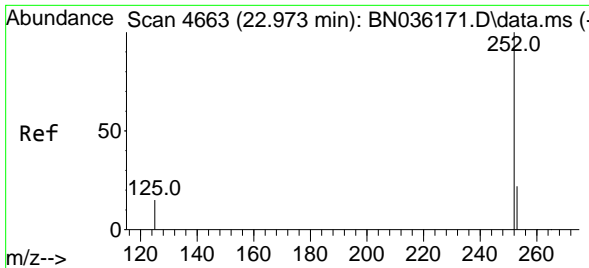
#22
 Chrysene
 Concen: 0.300 ng/ul m
 RT: 21.410 min Scan# 4128
 Delta R.T. 0.003 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



Tgt Ion: 228 Resp: 9140

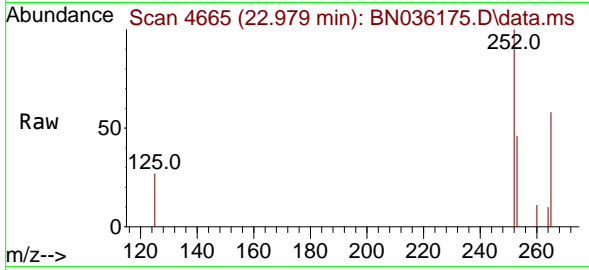
Ion	Ratio	Lower	Upper
228	100		
226	50.7	24.4	36.6
229	50.0	15.9	23.9





#24
 Benzo(b)fluoranthene
 Concen: 0.380 ng/ul m
 RT: 22.979 min Scan# 4665
 Delta R.T. 0.006 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

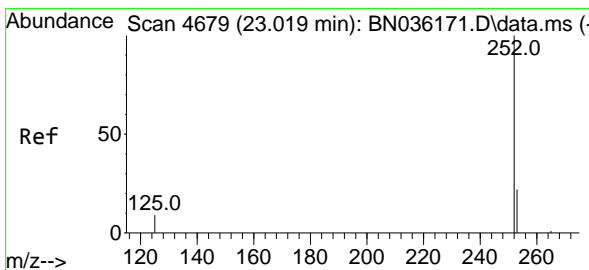
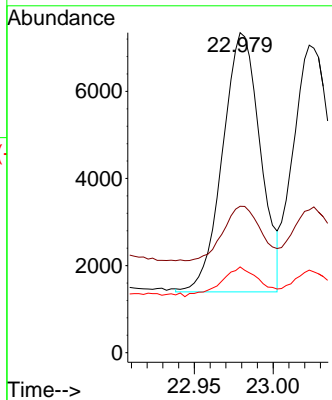
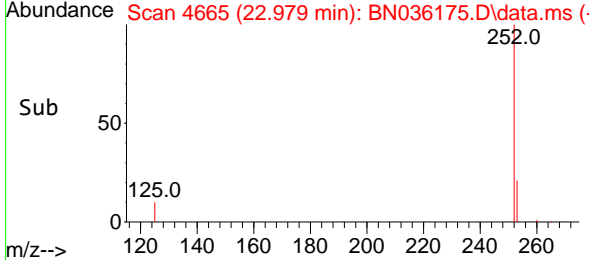
Instrument : BNA_N
 ClientSampleId : E2964MSD



Tgt Ion:252 Resp: 990
 Ion Ratio Lower Upper
 252 100
 253 45.7 0.0 51.2
 125 26.8 0.0 27.8

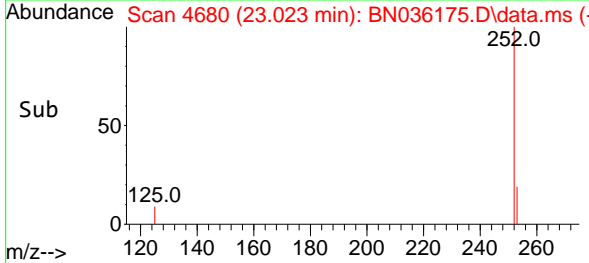
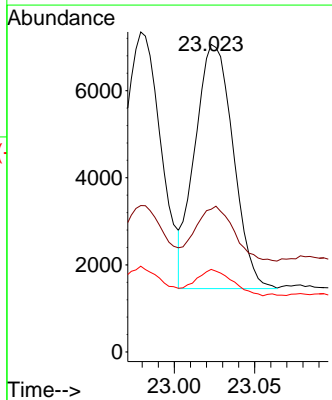
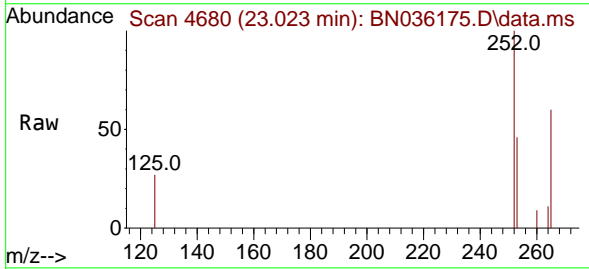
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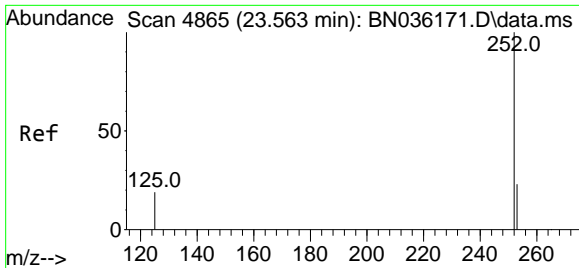
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#25
 Benzo(k)fluoranthene
 Concen: 0.339 ng/ul m
 RT: 23.023 min Scan# 4680
 Delta R.T. 0.003 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

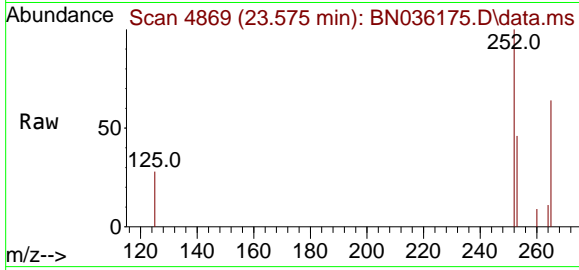
Tgt Ion:252 Resp: 9297
 Ion Ratio Lower Upper
 252 100
 253 46.4 20.2 30.4#
 125 26.9 10.6 16.0#





#26
 Benzo(a)pyrene
 Concen: 0.403 ng/ul m
 RT: 23.575 min Scan# 4869
 Delta R.T. 0.012 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

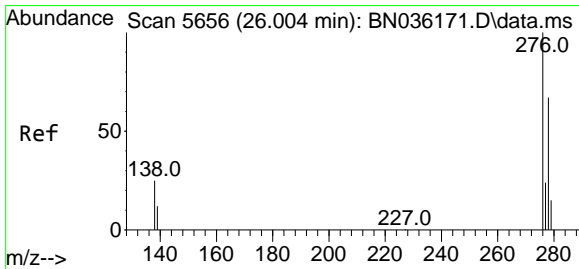
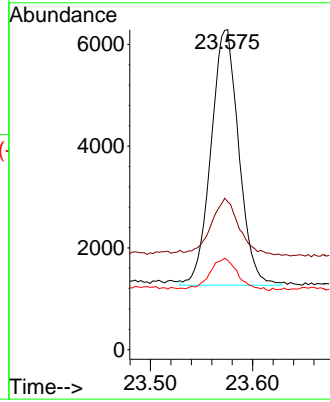
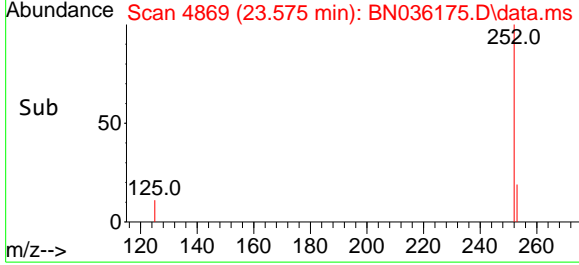


Tgt Ion: 252 Resp: 9489

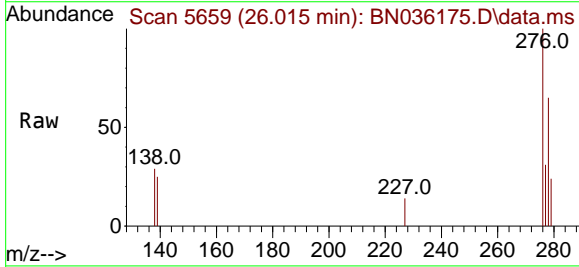
Ion	Ratio	Lower	Upper
252	100		
253	46.2	22.2	33.4
125	27.9	13.1	19.7

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 Supervised By :mohammad ahmed 02/04/2025

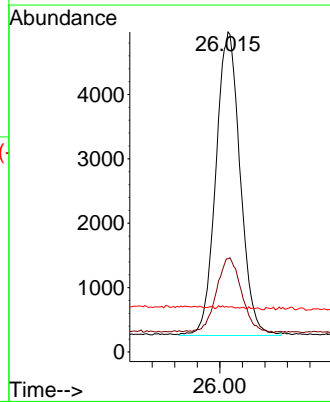
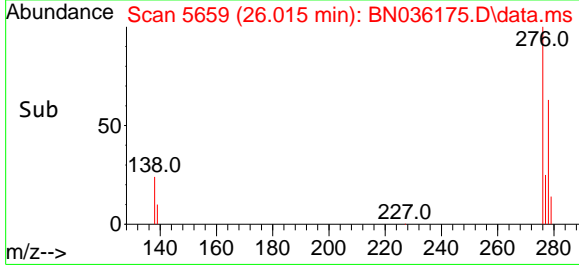


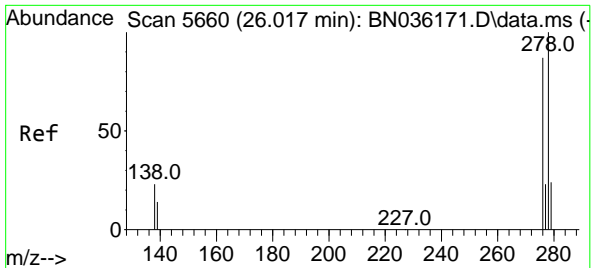
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.453 ng/ul m
 RT: 26.015 min Scan# 5659
 Delta R.T. 0.010 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



Tgt Ion: 276 Resp: 14111

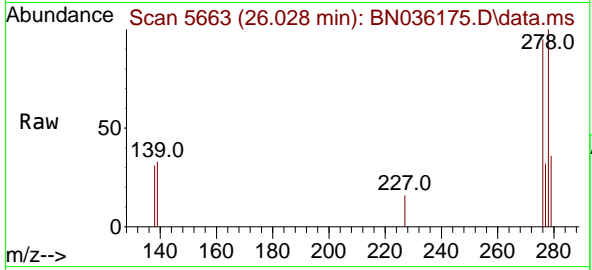
Ion	Ratio	Lower	Upper
276	100		
138	20.4	20.2	30.4
227	0.0	0.1	0.1





#28
 Dibenzo(a,h)anthracene
 Concen: 0.464 ng/ul m
 RT: 26.028 min Scan# 50
 Delta R.T. 0.007 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27

Instrument :
 BNA_N
 ClientSampleId :
 E2964MSD

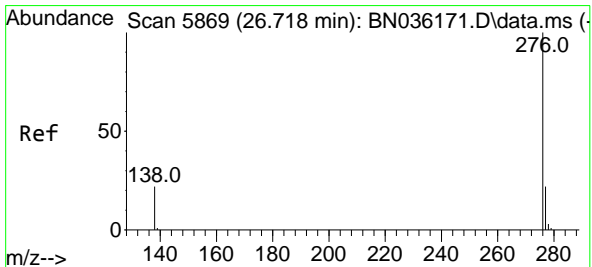
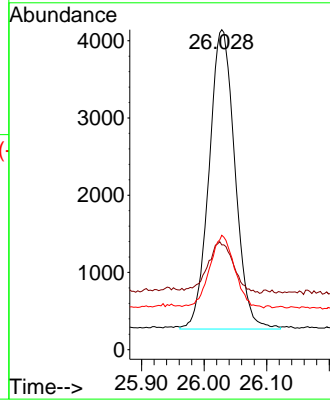
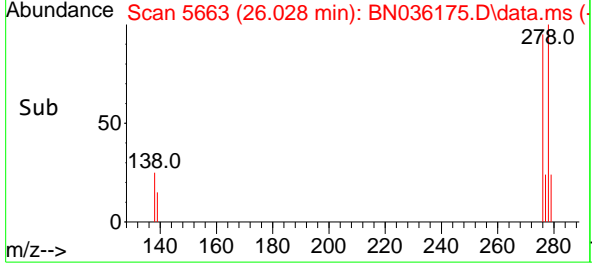


Tgt Ion: 278 Resp: 1113

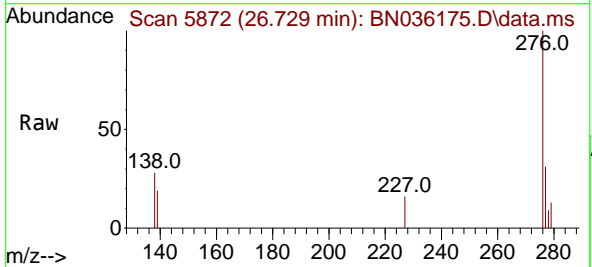
Ion	Ratio	Lower	Upper
278	100		
139	32.8	15.4	23.2
279	35.7	22.2	33.4

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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: 0.462 ng/ul m
 RT: 26.729 min Scan# 5872
 Delta R.T. 0.010 min
 Lab File: BN036175.D
 Acq: 31 Jan 2025 19:27



Tgt Ion: 276 Resp: 11182

Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.4	29.0
277	31.0	21.1	31.7

