

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036198.D
 Acq On : 01 Feb 2025 09:53
 Operator : RC/JU
 Sample : Q1224-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6306

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:05:00 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	2035	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	5255	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	3377	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.179	188	7432	0.400	ng/ul	-0.01
17) Chrysene-d12	21.365	240	8378	0.400	ng/ul	# 0.00
23) Perylene-d12	23.660	264	8936	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	5559	2.495	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1382	0.208	ng/ul	-0.02
18) Fluoranthene-d10	19.206	212	3463	0.150	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.633	128	1241	0.086	ng/ul#	88
7) 2-Methylnaphthalene	12.250	142	471	0.052	ng/ul	97
8) 1-Methylnaphthalene	12.470	142	449	0.049	ng/ul	96
10) Acenaphthylene	14.149	152	1696	0.107	ng/ul#	92
11) Acenaphthene	14.496	153	3725	0.318	ng/ul	98
12) Fluorene	15.482	166	2816	0.218	ng/ul	100
14) Pentachlorophenol	16.837	266	134	0.051	ng/ul	92
15) Phenanthrene	17.217	178	54417	2.501	ng/ul	97
16) Anthracene	17.309	178	11123	0.550	ng/ul	99
19) Fluoranthene	19.238	202	116884	3.671	ng/ul	100
20) Pyrene	19.601	202	89676	2.698	ng/ul	98
21) Benzo(a)anthracene	21.351	228	52138	1.743	ng/ul	99
22) Chrysene	21.403	228	56465	1.848	ng/ul	98
24) Benzo(b)fluoranthene	22.970	252	77313m	2.593	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	28779m	0.918	ng/ul	
26) Benzo(a)pyrene	23.561	252	32560	1.209	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.994	276	25885	0.727	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.001	278	8508	0.310	ng/ul#	82
29) Benzo(g,h,i)perylene	26.712	276	4010	0.145	ng/ul#	76

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

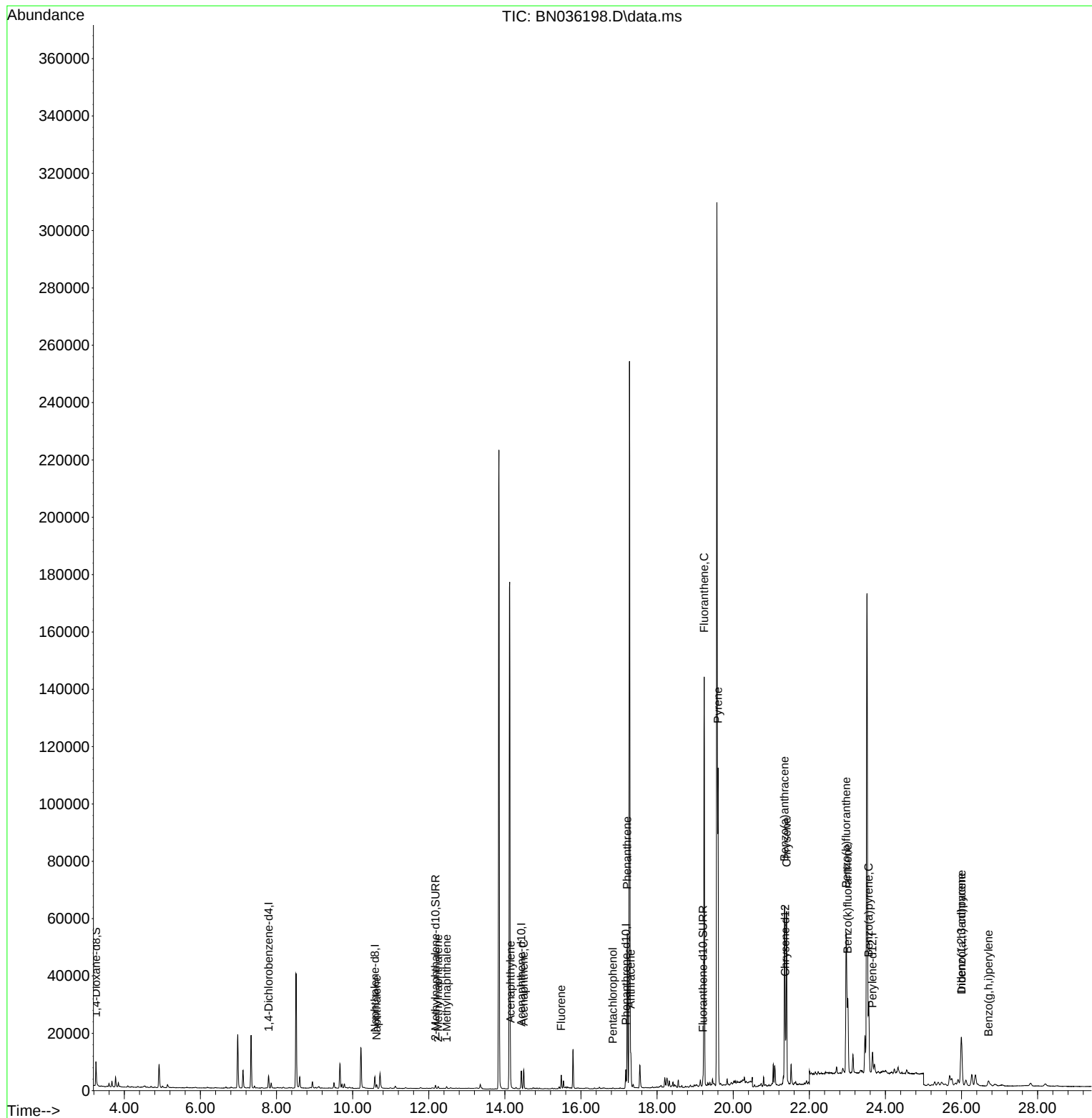
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036198.D
Acq On : 01 Feb 2025 09:53
Operator : RC/JU
Sample : Q1224-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

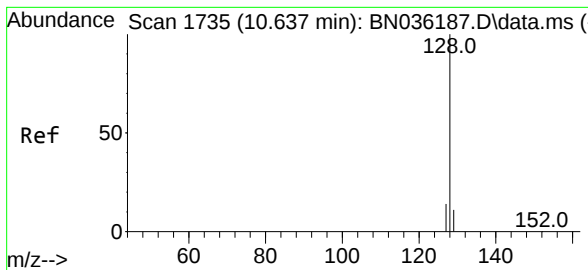
Instrument :
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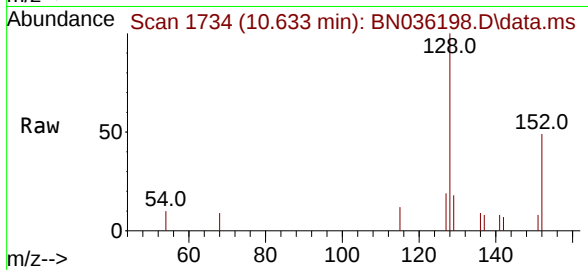
Quant Time: Feb 03 12:05:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.633 min Scan# 1734
Delta R.T. -0.022 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

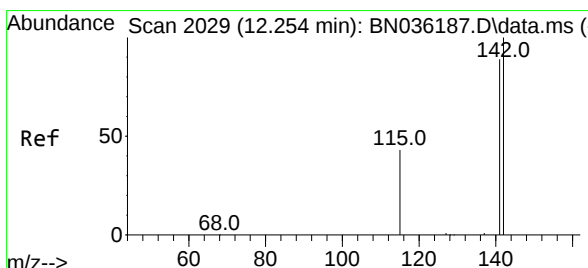
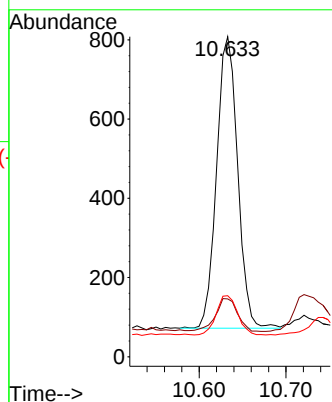
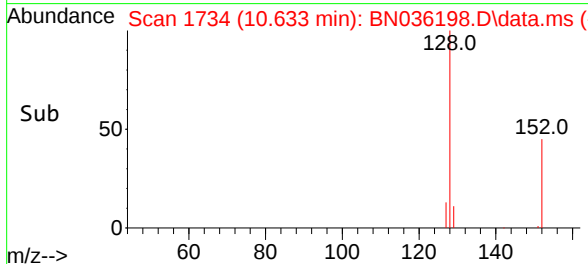
Instrument :
BNA_N
ClientSampleId :
A6306



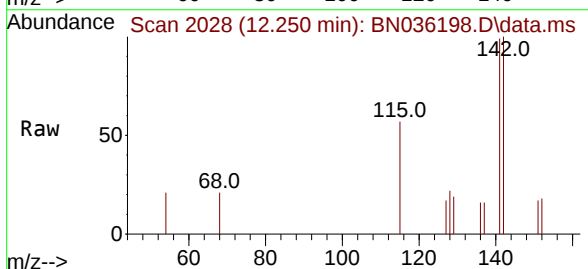
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Ion Ratio Lower Upper
128 100
129 18.1 9.6 14.4
127 19.1 12.0 18.0

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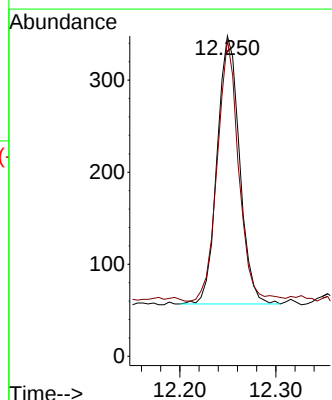
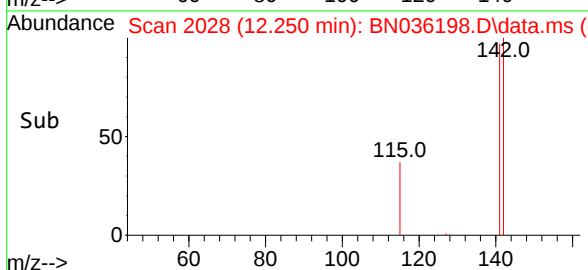
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

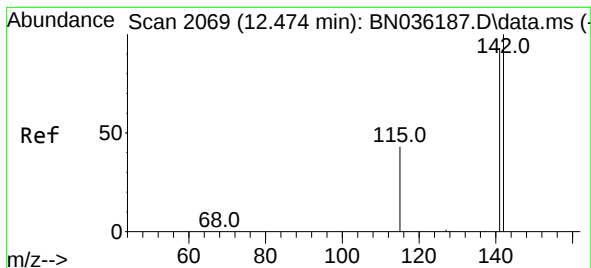


#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.250 min Scan# 2028
Delta R.T. -0.022 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



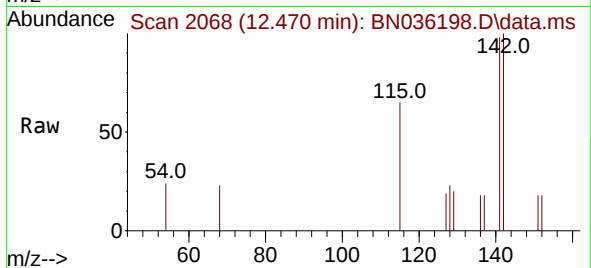
Tgt Ion:142 Resp: 471
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 12.470 min Scan# 2069
Delta R.T. -0.022 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

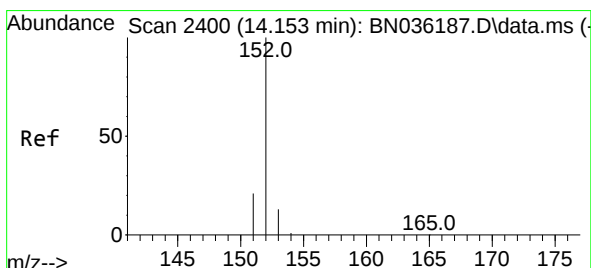
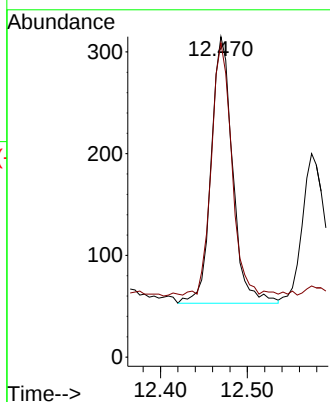
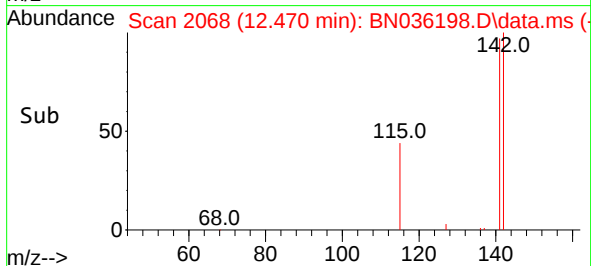
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Tgt Ion:142 Resp: 449
Ion Ratio Lower Upper
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141 90.0 75.2 112.8

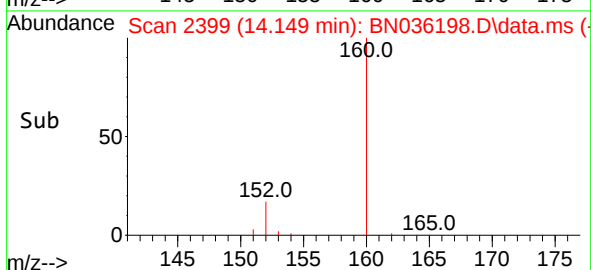
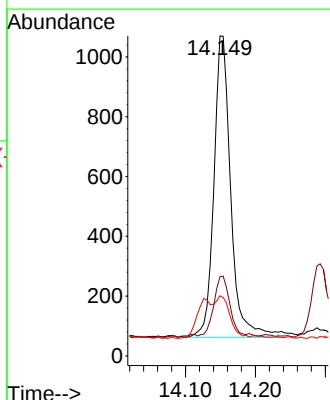
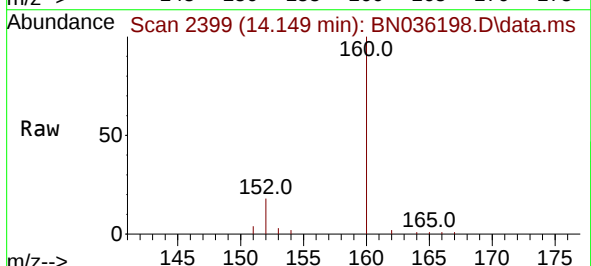
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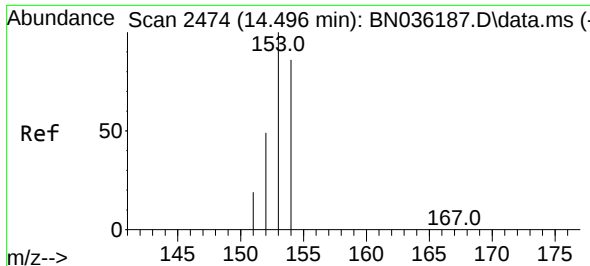
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Acenaphthylene
Concen: 0.107 ng/ul
RT: 14.149 min Scan# 2399
Delta R.T. -0.018 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

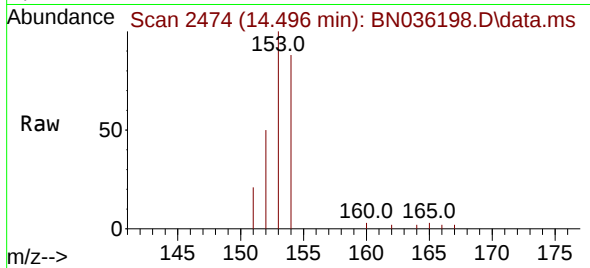
Tgt Ion:152 Resp: 1696
Ion Ratio Lower Upper
152 100
151 24.8 17.4 26.2
153 18.8 11.9 17.9#





#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

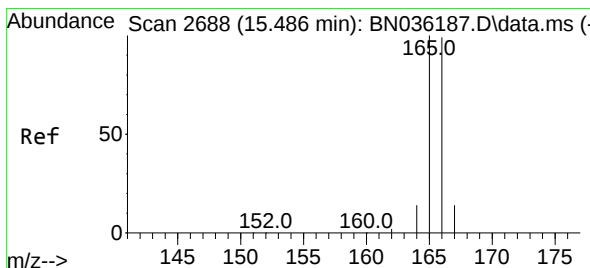
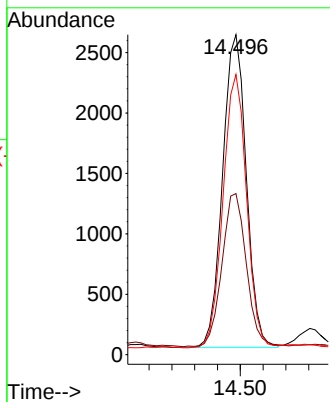
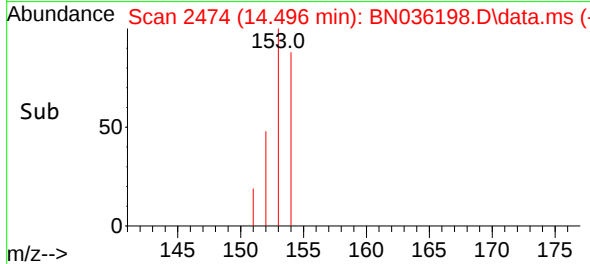
Instrument :
BNA_N
ClientSampleId :
A6306



Tgt Ion:153 Resp: 3729
Ion Ratio Lower Upper
153 100
152 50.4 43.2 64.8
154 87.5 70.5 105.7

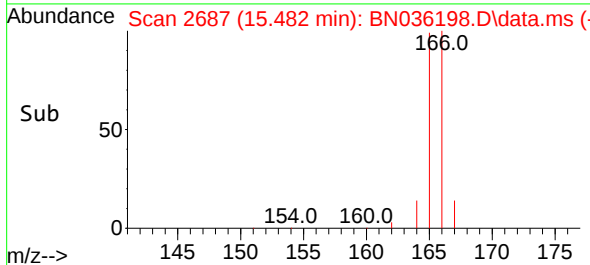
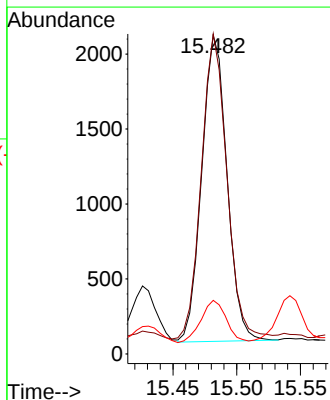
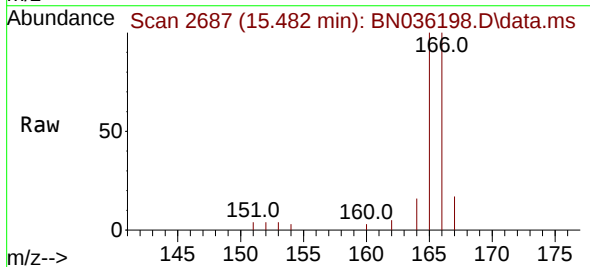
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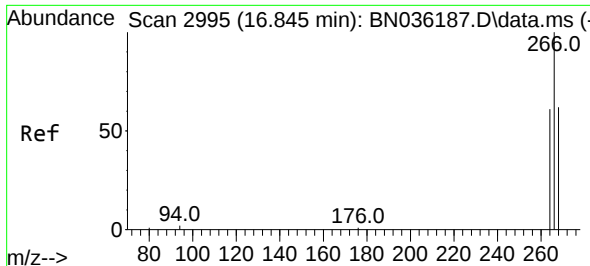
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.218 ng/ul
RT: 15.482 min Scan# 2687
Delta R.T. -0.018 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

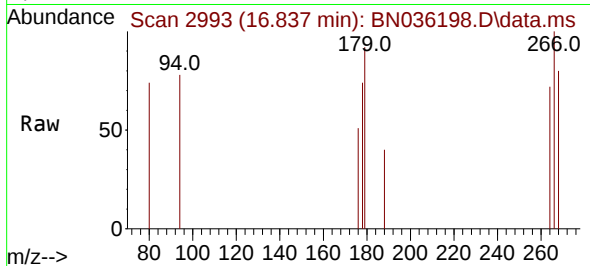
Tgt Ion:166 Resp: 2816
Ion Ratio Lower Upper
166 100
165 100.4 80.3 120.5
167 16.8 12.3 18.5





#14
Pentachlorophenol
Concen: 0.051 ng/u1
RT: 16.837 min Scan# 2993
Delta R.T. -0.004 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

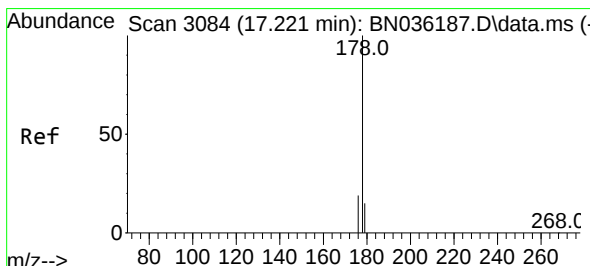
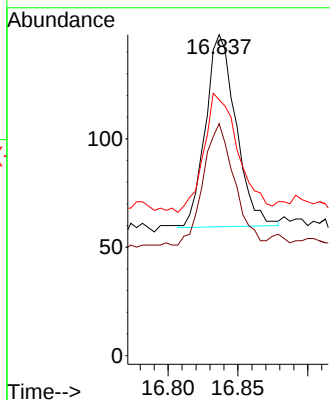
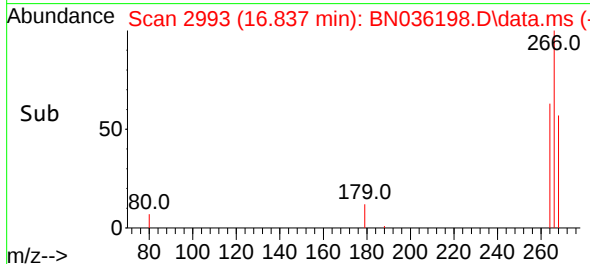
Instrument :
BNA_N
ClientSampleId :
A6306



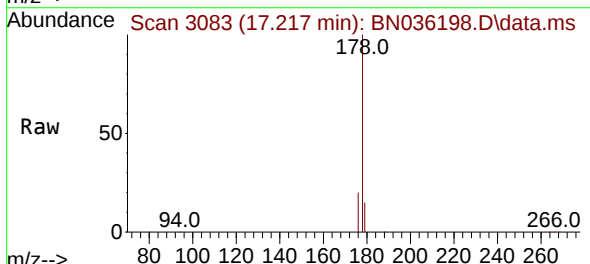
Tgt Ion:266 Resp: 134
Ion Ratio Lower Upper
266 100
264 68.7 50.6 75.8
268 70.1 50.6 75.8

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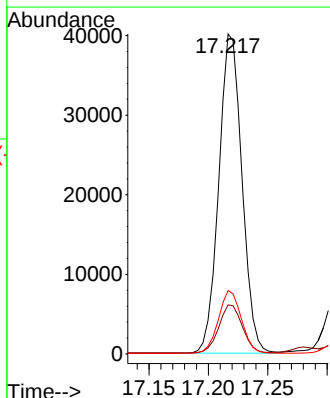
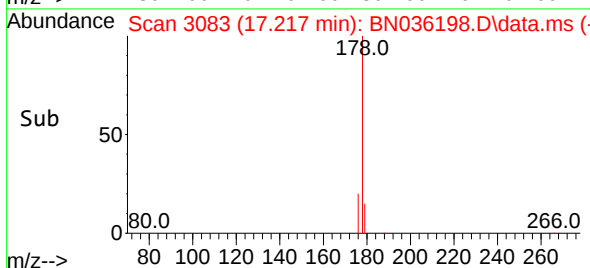
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

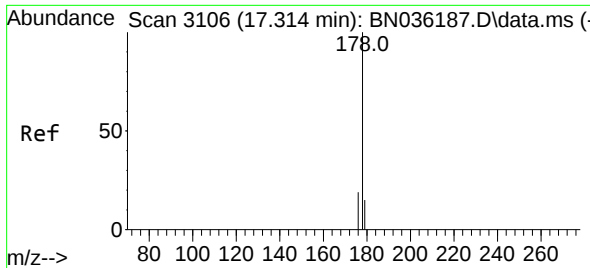


#15
Phenanthrene
Concen: 2.501 ng/u1
RT: 17.217 min Scan# 3083
Delta R.T. -0.017 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



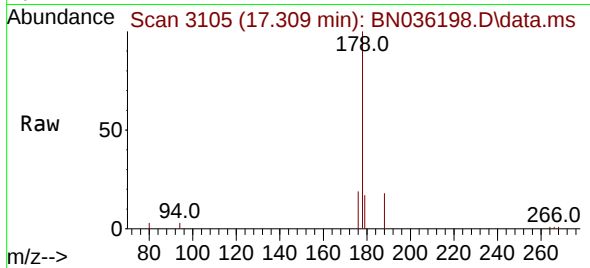
Tgt Ion:178 Resp: 54417
Ion Ratio Lower Upper
178 100
179 15.4 13.2 19.8
176 19.8 16.8 25.2





#16
 Anthracene
 Concen: 0.550 ng/ul
 RT: 17.309 min Scan# 3106
 Delta R.T. -0.013 min
 Lab File: BN036198.D
 Acq: 01 Feb 2025 09:53

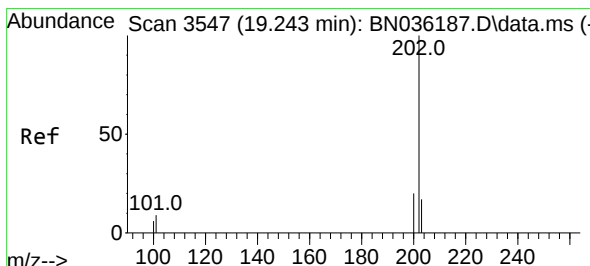
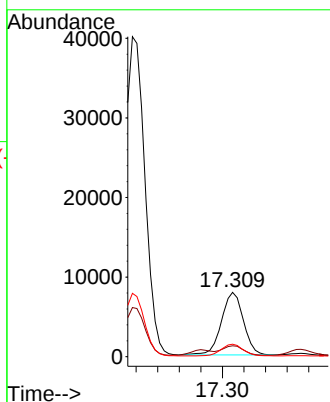
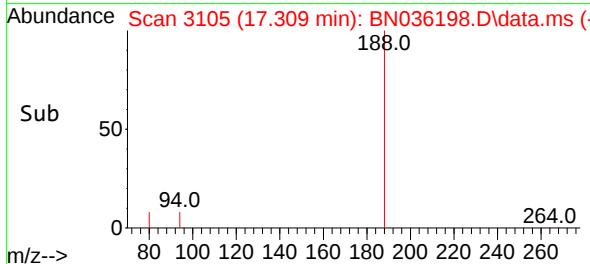
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 ClientSampleId :
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Tgt Ion:178 Resp: 1112
 Ion Ratio Lower Upper
 178 100
 179 17.0 13.0 19.4
 176 19.5 15.9 23.9

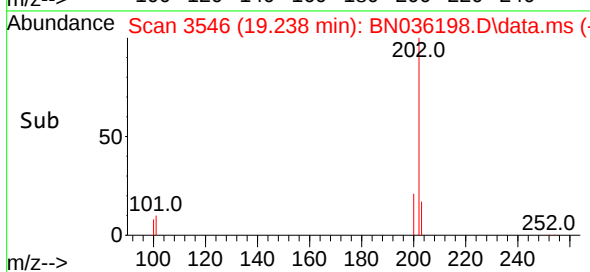
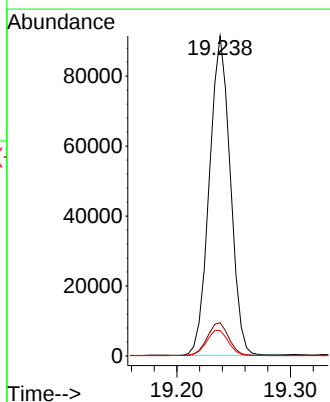
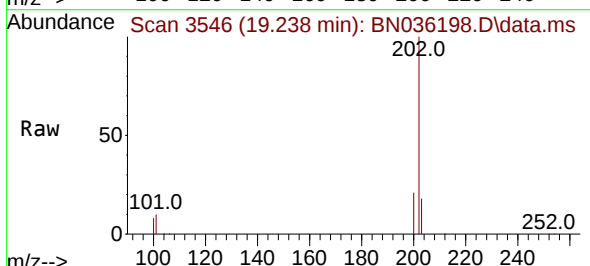
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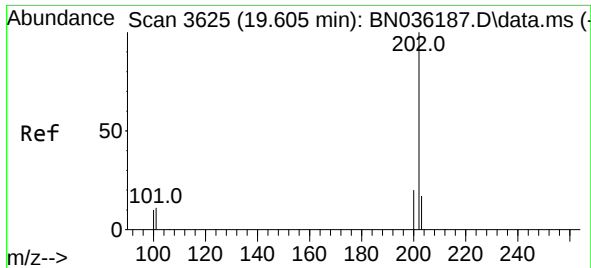
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 3.671 ng/ul
 RT: 19.238 min Scan# 3546
 Delta R.T. -0.009 min
 Lab File: BN036198.D
 Acq: 01 Feb 2025 09:53

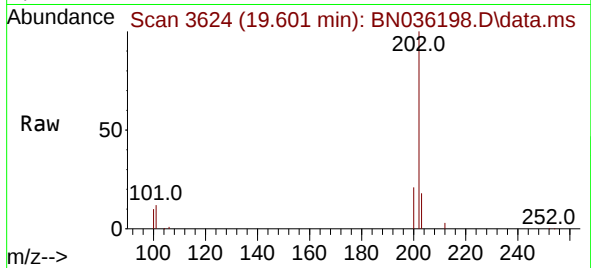
Tgt Ion:202 Resp: 116884
 Ion Ratio Lower Upper
 202 100
 101 10.4 8.4 12.6
 100 8.0 6.5 9.7





#20
Pyrene
Concen: 2.698 ng/ul
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

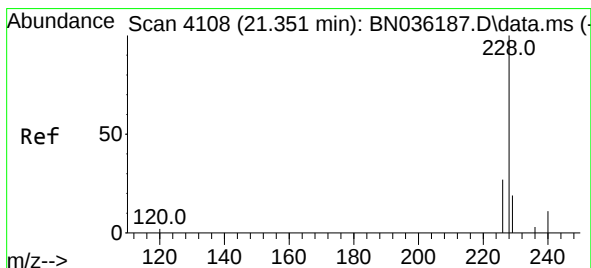
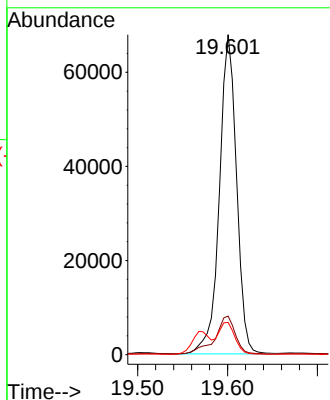
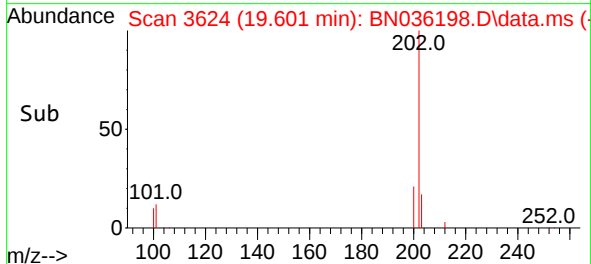
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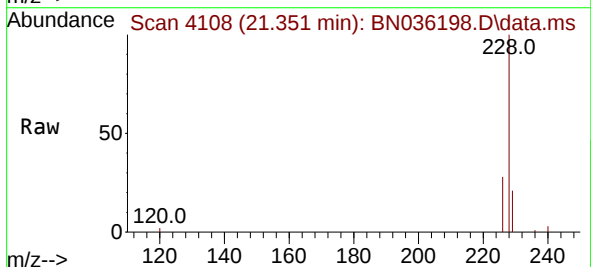
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Ion Ratio Lower Upper
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101 12.0 9.3 13.9
100 10.1 7.5 11.3

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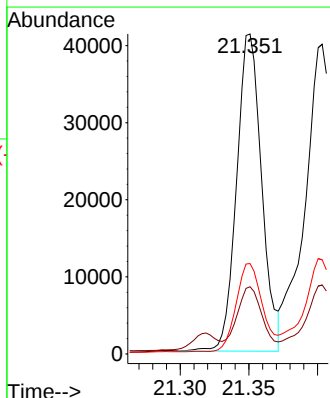
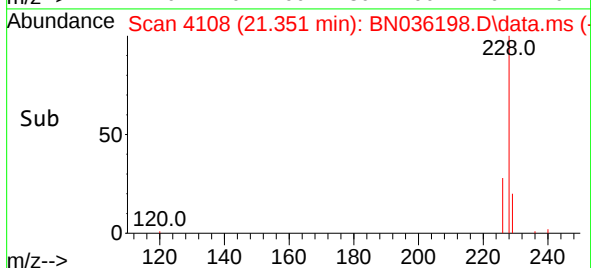
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

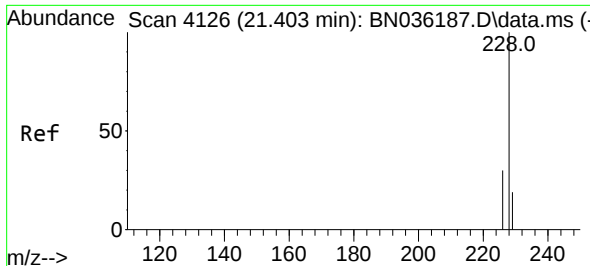


#21
Benzo(a)anthracene
Concen: 1.743 ng/ul
RT: 21.351 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



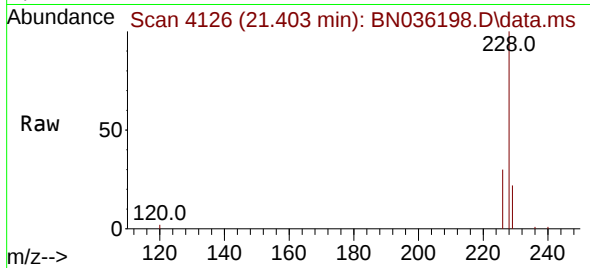
Tgt Ion:228 Resp: 52138
Ion Ratio Lower Upper
228 100
229 21.0 15.9 23.9
226 28.2 22.8 34.2





#22
Chrysene
Concen: 1.848 ng/ul
RT: 21.403 min Scan# 4126
Delta R.T. -0.003 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

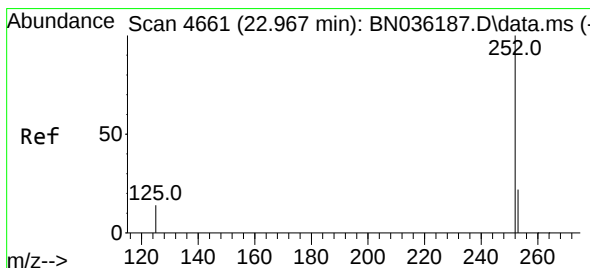
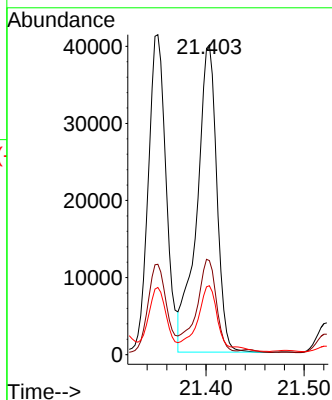
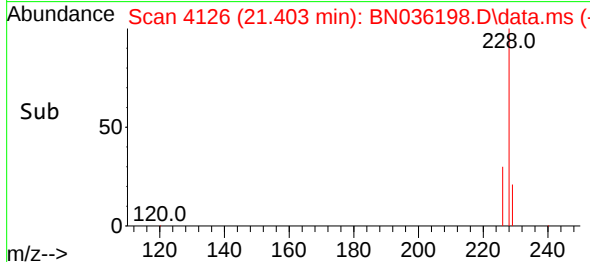
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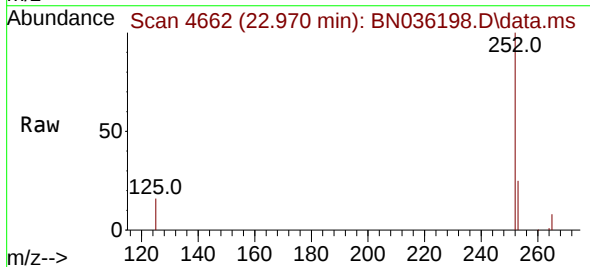
Tgt Ion:228 Resp: 5646
Ion Ratio Lower Upper
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226 30.4 24.4 36.6
229 22.3 15.9 23.9

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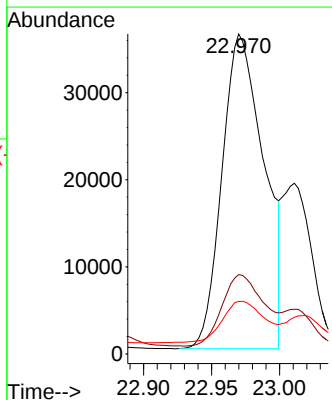
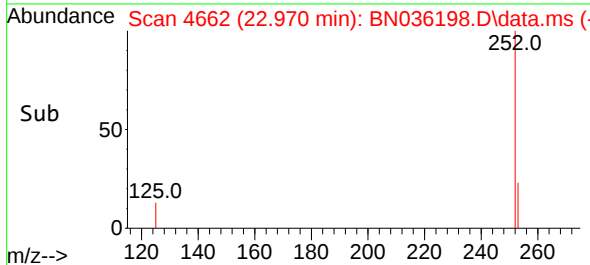
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

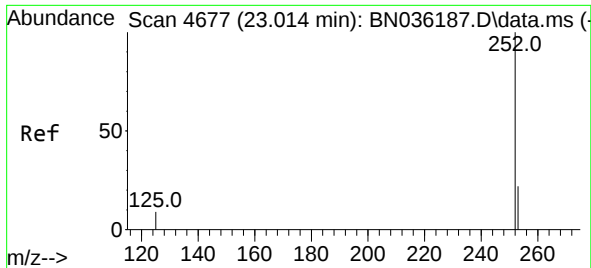


#24
Benzo(b)fluoranthene
Concen: 2.593 ng/ul m
RT: 22.970 min Scan# 4662
Delta R.T. -0.003 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



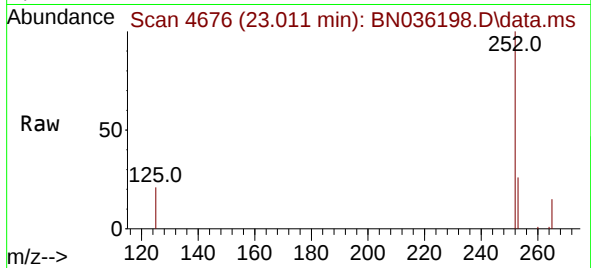
Tgt Ion:252 Resp: 77313
Ion Ratio Lower Upper
252 100
253 24.8 0.0 51.2
125 16.4 0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 0.918 ng/ul m
RT: 23.011 min Scan# 4677
Delta R.T. -0.009 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

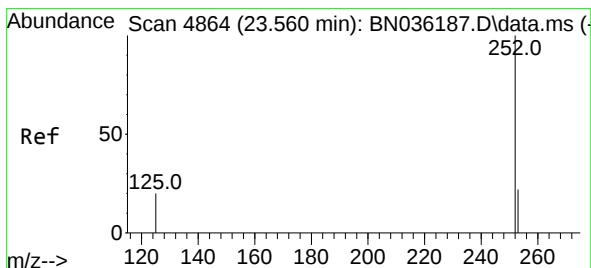
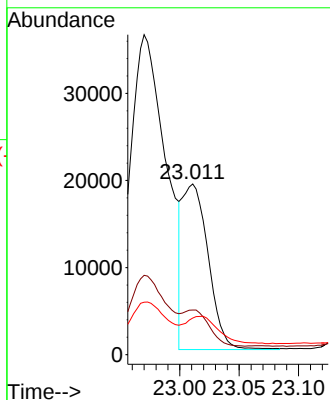
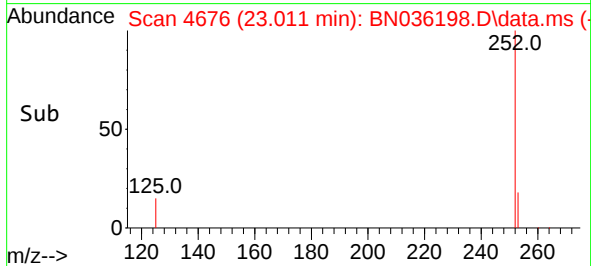
Instrument :
BNA_N
ClientSampleId :
A6306



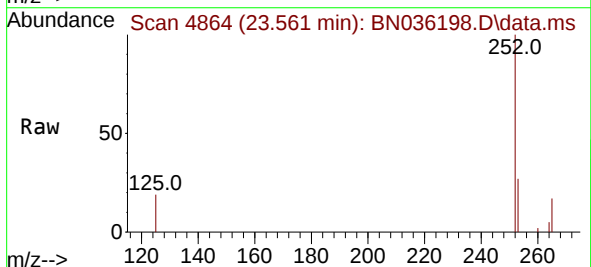
Tgt Ion:252 Resp: 28779
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.4
125 21.5 10.6 16.0

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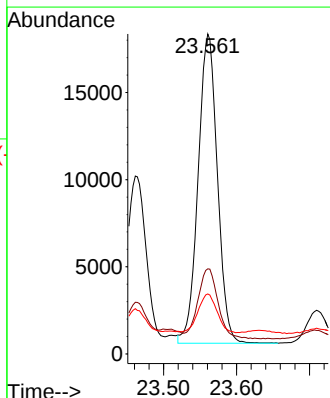
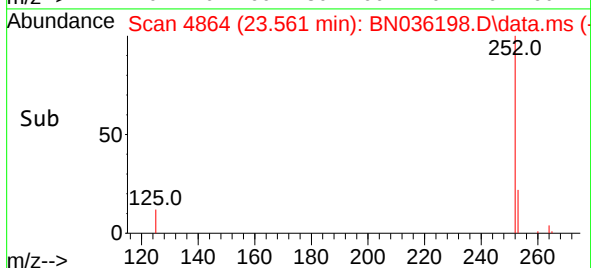
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

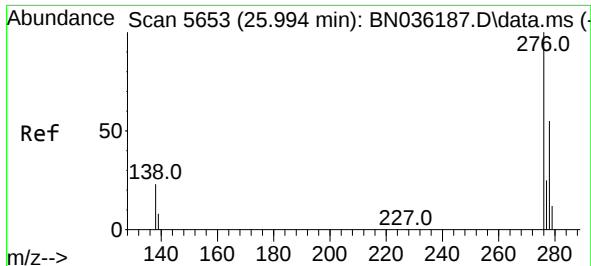


#26
Benzo(a)pyrene
Concen: 1.209 ng/ul
RT: 23.561 min Scan# 4864
Delta R.T. -0.003 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



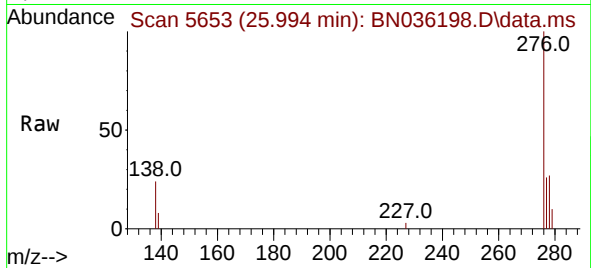
Tgt Ion:252 Resp: 32560
Ion Ratio Lower Upper
252 100
253 26.6 22.2 33.4
125 18.8 13.1 19.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.727 ng/ul
RT: 25.994 min Scan# 5653
Delta R.T. -0.010 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

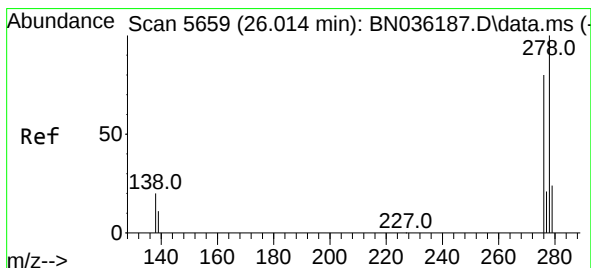
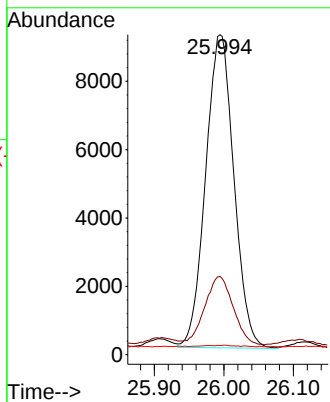
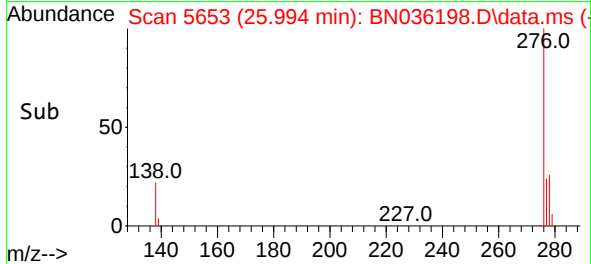
Instrument :
BNA_N
ClientSampleId :
A6306



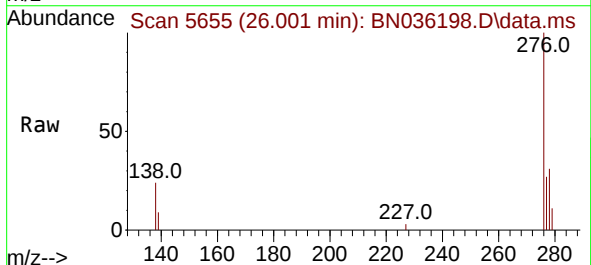
Tgt Ion:276 Resp: 2588
Ion Ratio Lower Upper
276 100
138 22.4 20.2 30.4
227 0.3 0.1 0.1

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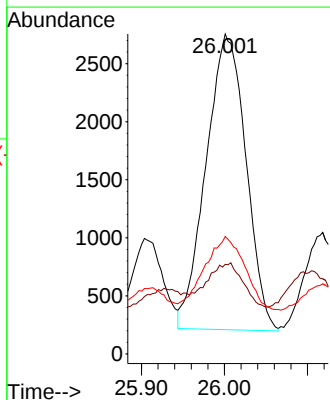
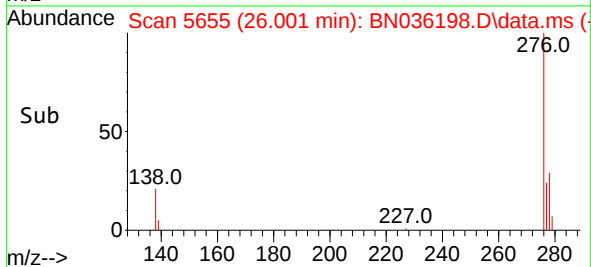
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

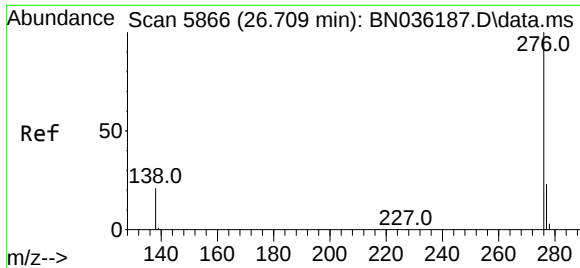


#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.001 min Scan# 5655
Delta R.T. -0.020 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53



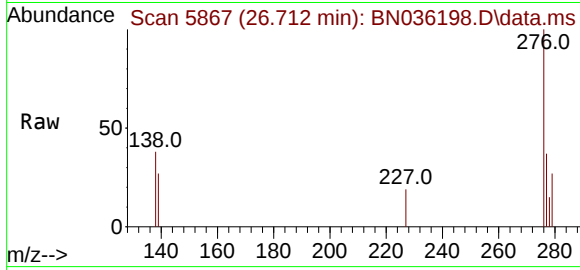
Tgt Ion:278 Resp: 8508
Ion Ratio Lower Upper
278 100
139 28.0 15.4 23.2#
279 36.7 22.2 33.4#





#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 26.712 min Scan# 5867
Delta R.T. -0.007 min
Lab File: BN036198.D
Acq: 01 Feb 2025 09:53

Instrument :
BNA_N
ClientSampleId :
A6306



Tgt Ion:276 Resp: 4010
Ion Ratio Lower Upper
276 100
138 37.6 19.4 29.0
277 37.0 21.1 31.7

Manual Integrations
APPROVED

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

