

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036173.D
 Acq On : 31 Jan 2025 18:15
 Operator : RC/JU
 Sample : Q1197-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2964

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 08:51:35 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	7.795	152	1501	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.578	136	5023m	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.445	164	15220m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	6850m	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	12414	0.400	ng/ul	# 0.00
23) Perylene-d12	23.672	264	9077m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	8448	5.141	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.184	152	3132m	0.494	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	8324	0.244	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.638	128	171013	12.358	ng/ul	97
7) 2-Methylnaphthalene	12.255	142	19701m	2.292	ng/ul	
8) 1-Methylnaphthalene	12.480	142	17510m	2.007	ng/ul	
10) Acenaphthylene	14.158	152	2823	0.039	ng/ul#	1
11) Acenaphthene	14.501	153	11015	0.209	ng/ul	91
12) Fluorene	15.486	166	5455	0.094	ng/ul#	83
14) Pentachlorophenol	16.841	266	438	0.183	ng/ul	91
15) Phenanthrene	17.225	178	17864	0.891	ng/ul#	61
16) Anthracene	17.309	178	14834	0.796	ng/ul#	6
19) Fluoranthene	19.243	202	6044	0.128	ng/ul#	52
20) Pyrene	19.610	202	6872	0.140	ng/ul#	47
22) Chrysene	21.389	228	2884	0.064	ng/ul#	1

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

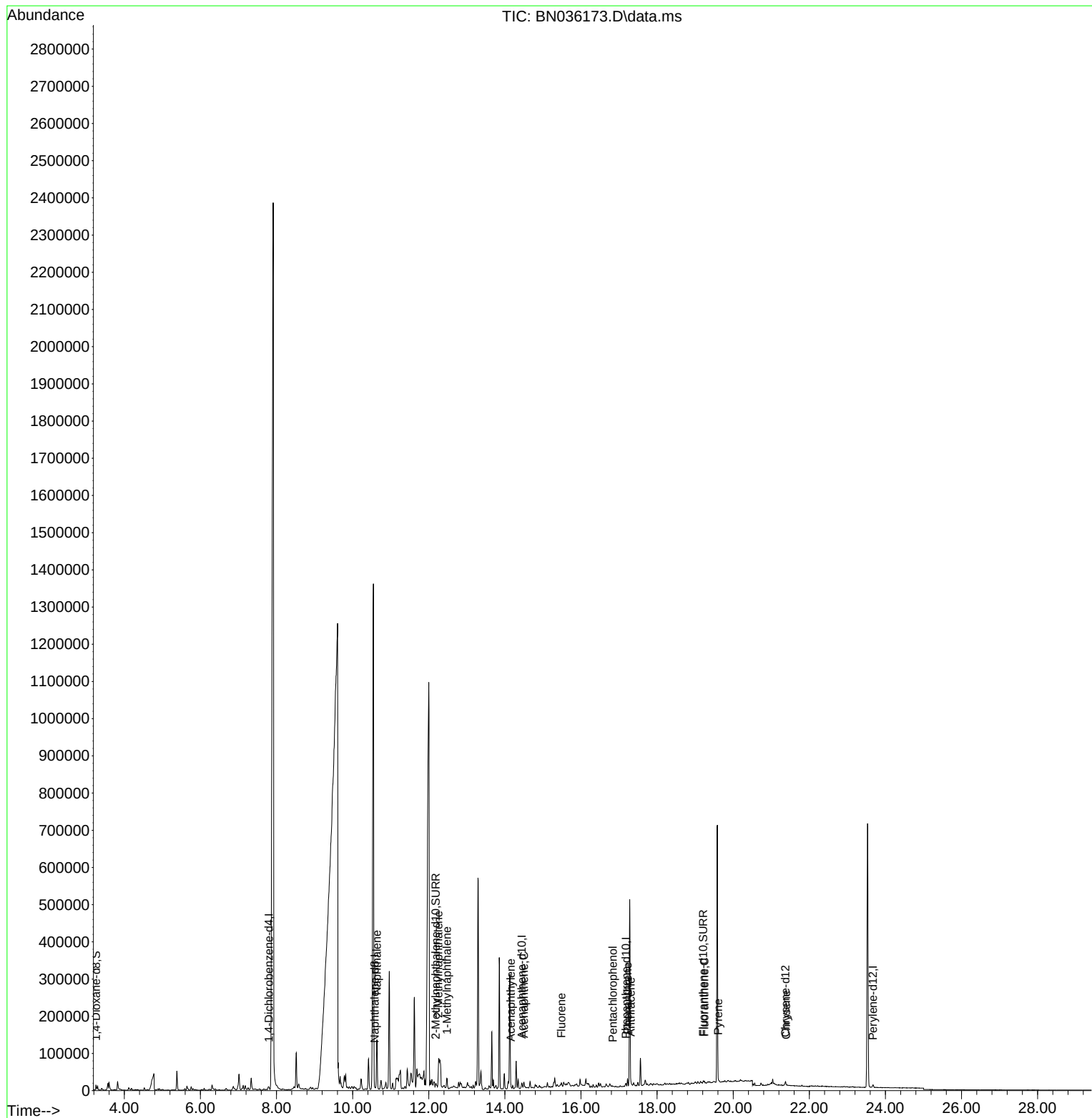
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036173.D
Acq On : 31 Jan 2025 18:15
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Sample : Q1197-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

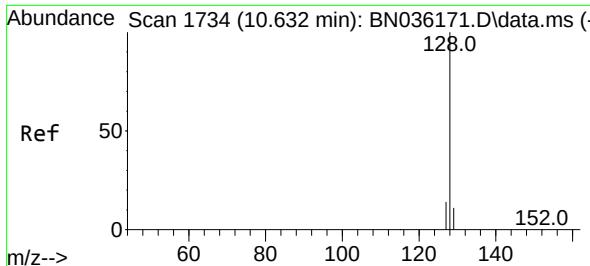
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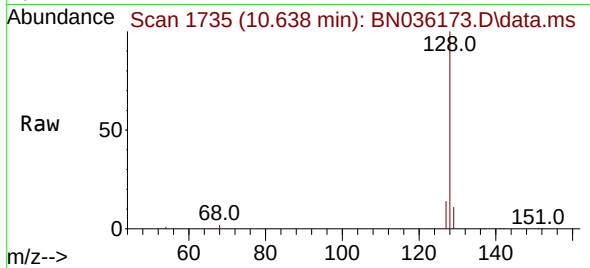
Quant Time: Feb 03 08:51:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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#5
Naphthalene
Concen: 12.358 ng/ul
RT: 10.638 min Scan# 1735
Delta R.T. -0.016 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

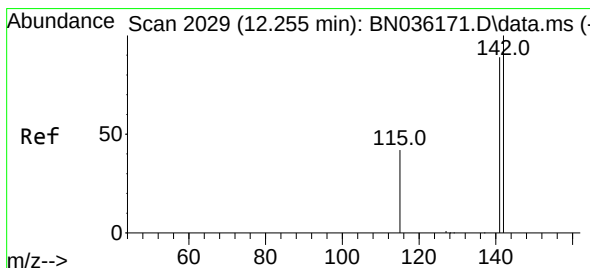
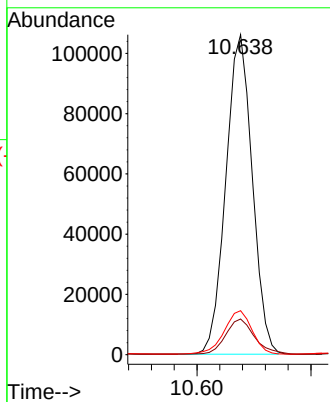
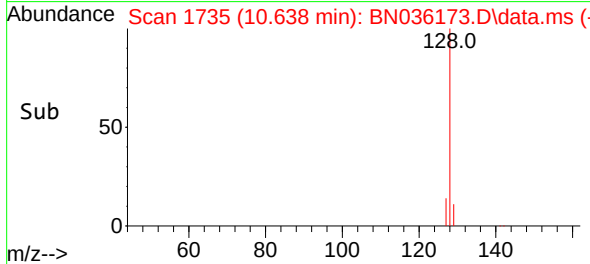
Instrument :
BNA_N
ClientSampleId :
E2964



Tgt Ion:128 Resp: 17101
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.8 12.0 18.0

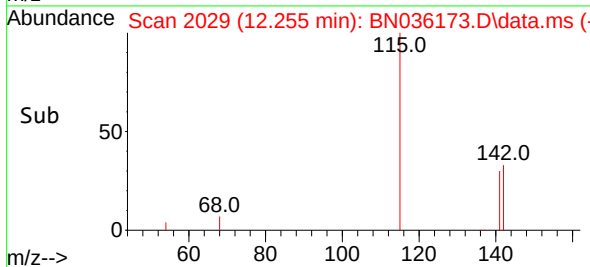
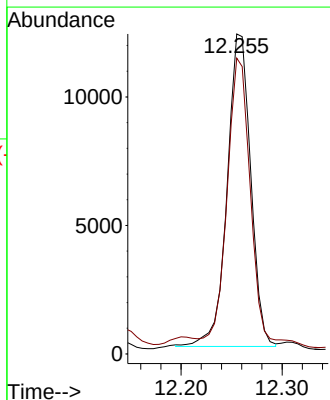
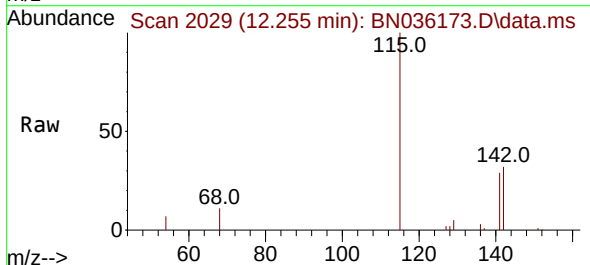
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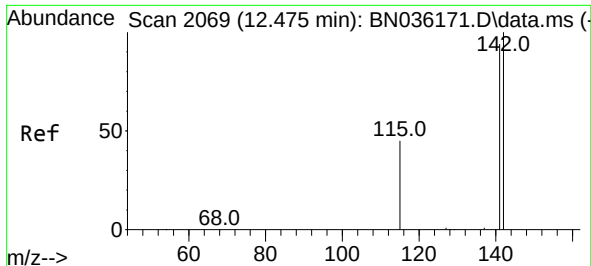
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#7
2-Methylnaphthalene
Concen: 2.292 ng/ul m
RT: 12.255 min Scan# 2029
Delta R.T. -0.016 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

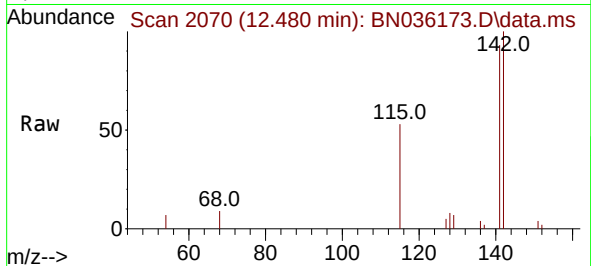
Tgt Ion:142 Resp: 19701
Ion Ratio Lower Upper
142 100
141 83.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.007 ng/ul m
RT: 12.480 min Scan# 2069
Delta R.T. -0.011 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

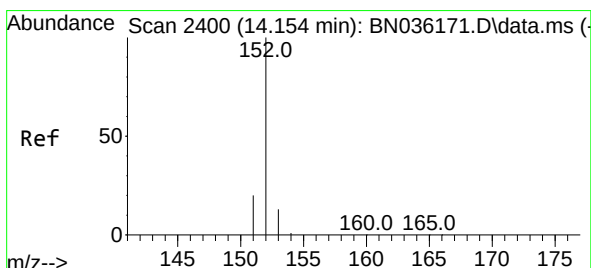
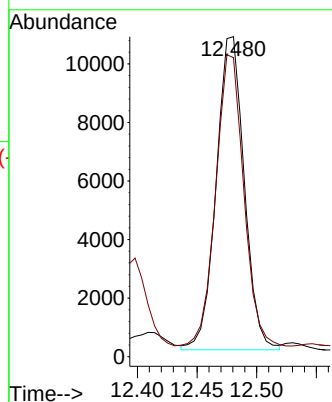
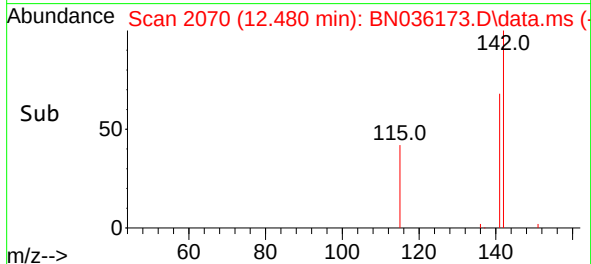
Instrument :
BNA_N
ClientSampleId :
E2964



Tgt Ion:142 Resp: 17510
Ion Ratio Lower Upper
142 100
141 89.7 75.2 112.8

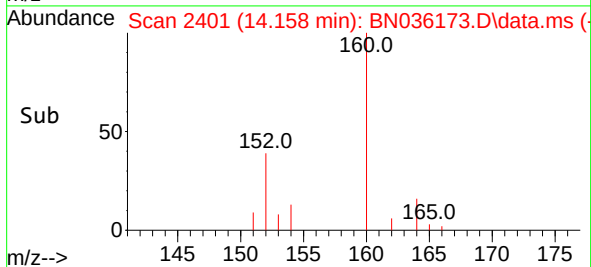
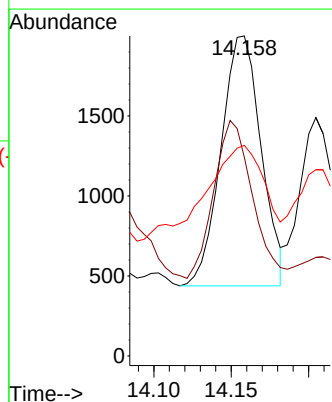
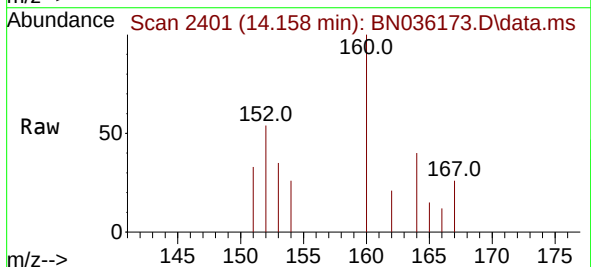
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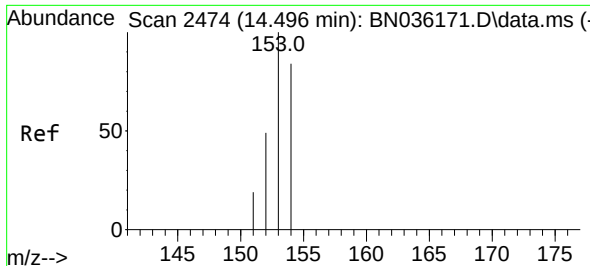
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#10
Acenaphthylene
Concen: 0.039 ng/ul
RT: 14.158 min Scan# 2401
Delta R.T. -0.009 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

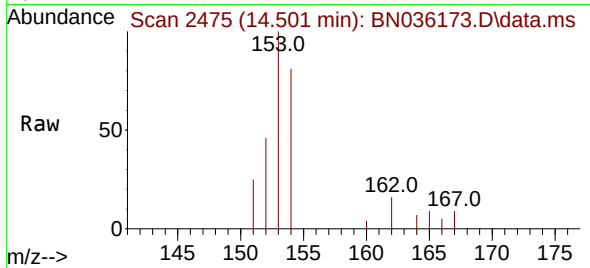
Tgt Ion:152 Resp: 2823
Ion Ratio Lower Upper
152 100
151 62.0 17.4 26.2#
153 65.8 11.9 17.9#





#11
Acenaphthene
Concen: 0.209 ng/u1
RT: 14.501 min Scan# 2475
Delta R.T. -0.014 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

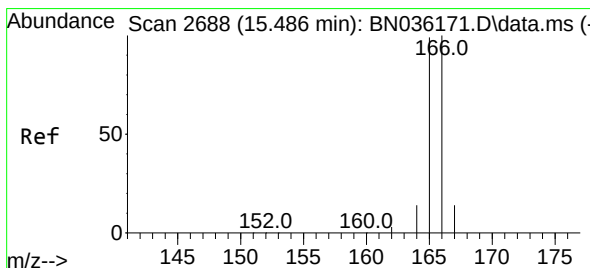
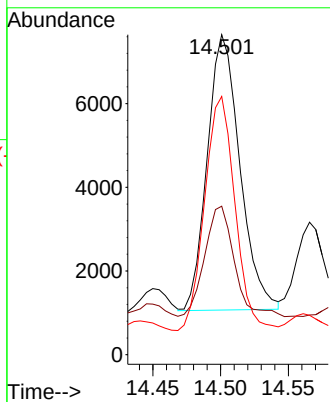
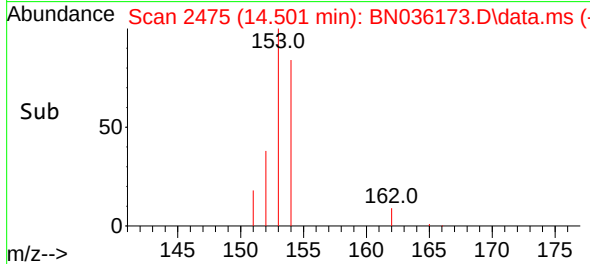
Instrument :
BNA_N
ClientSampleId :
E2964



Tgt Ion:153 Resp: 11015
Ion Ratio Lower Upper
153 100
152 46.4 43.2 64.8
154 80.7 70.5 105.7

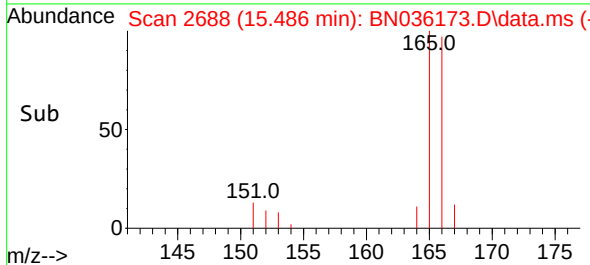
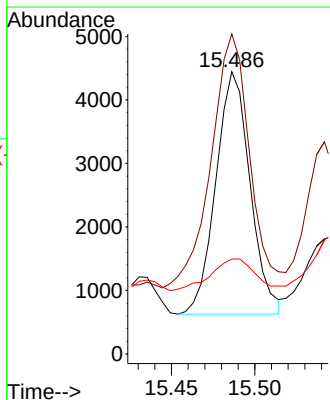
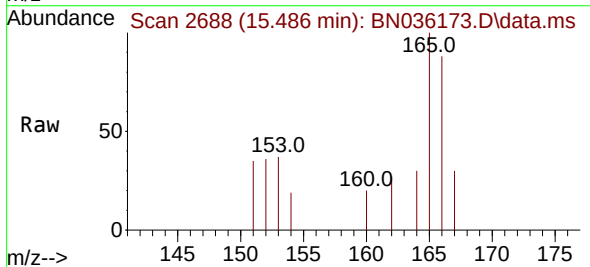
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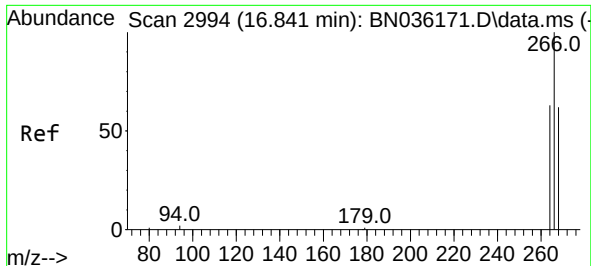
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.094 ng/u1
RT: 15.486 min Scan# 2688
Delta R.T. -0.014 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

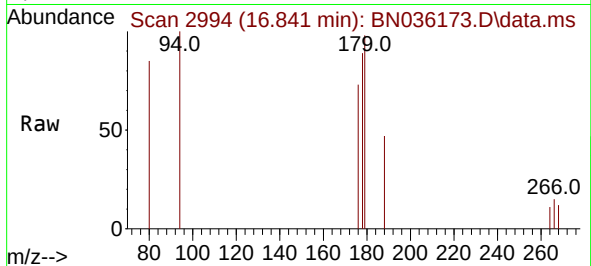
Tgt Ion:166 Resp: 5455
Ion Ratio Lower Upper
166 100
165 113.4 80.3 120.5
167 33.6 12.3 18.5#





#14
Pentachlorophenol
Concen: 0.183 ng/u1
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

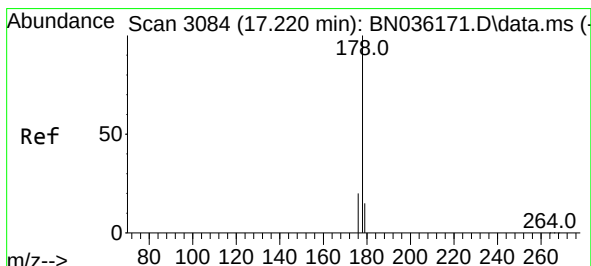
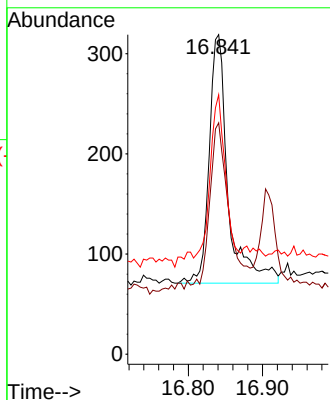
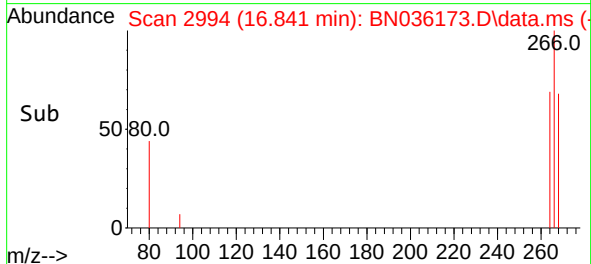
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ClientSampleId :
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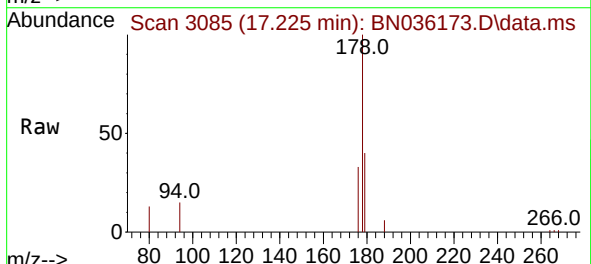
Tgt Ion:266 Resp: 438
Ion Ratio Lower Upper
266 100
264 68.5 50.6 75.8
268 53.9 50.6 75.8

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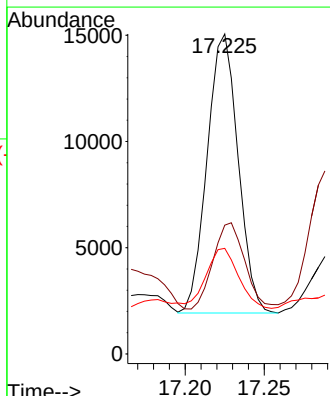
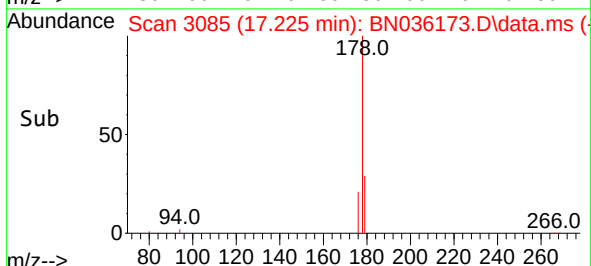
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Supervised By :mohammad ahmed 02/04/2025

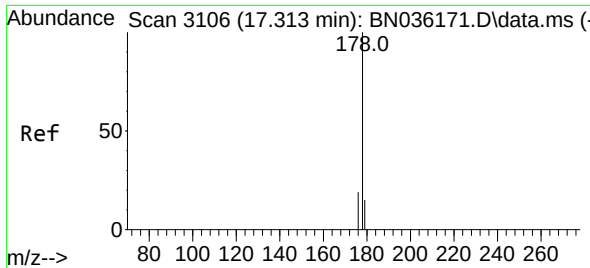


#15
Phenanthrene
Concen: 0.891 ng/u1
RT: 17.225 min Scan# 3085
Delta R.T. -0.008 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15



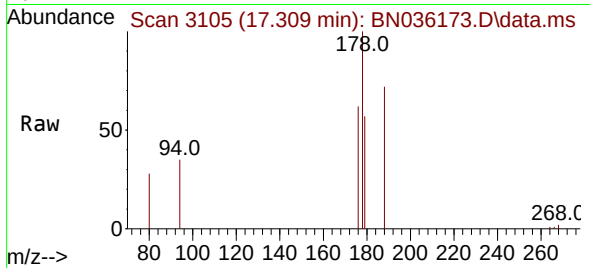
Tgt Ion:178 Resp: 17864
Ion Ratio Lower Upper
178 100
179 40.2 13.2 19.8#
176 33.0 16.8 25.2#





#16
 Anthracene
 Concen: 0.796 ng/ul
 RT: 17.309 min Scan# 3105
 Delta R.T. -0.013 min
 Lab File: BN036173.D
 Acq: 31 Jan 2025 18:15

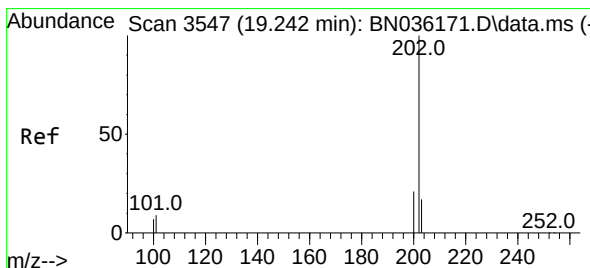
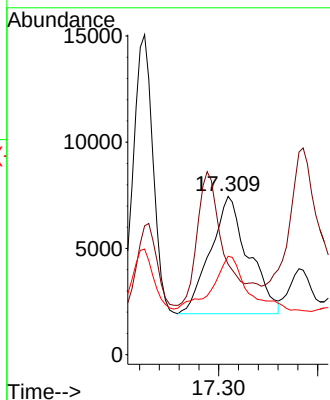
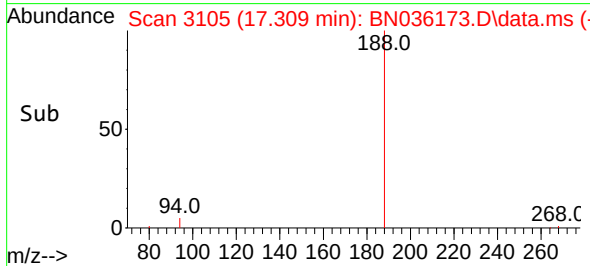
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Tgt Ion:178 Resp: 14834
 Ion Ratio Lower Upper
 178 100
 179 57.2 13.0 19.4#
 176 62.2 15.9 23.9#

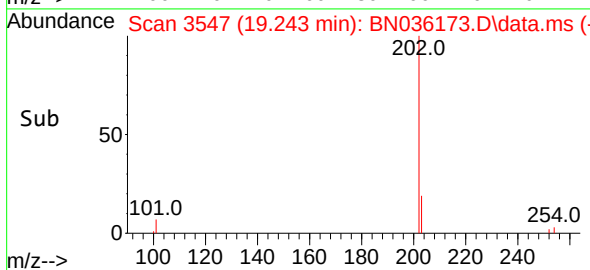
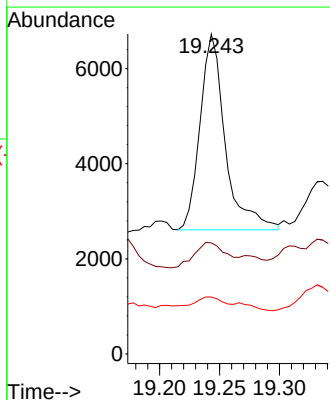
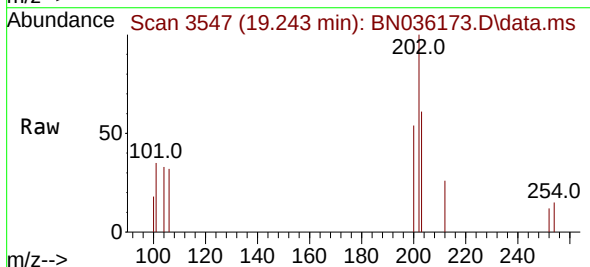
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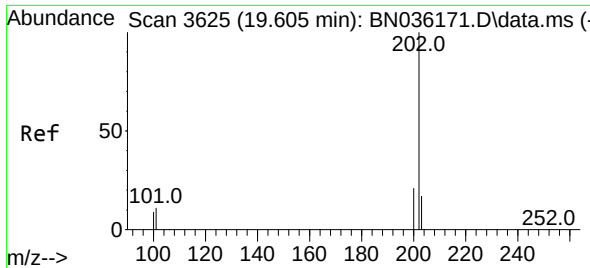
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 0.128 ng/ul
 RT: 19.243 min Scan# 3547
 Delta R.T. -0.004 min
 Lab File: BN036173.D
 Acq: 31 Jan 2025 18:15

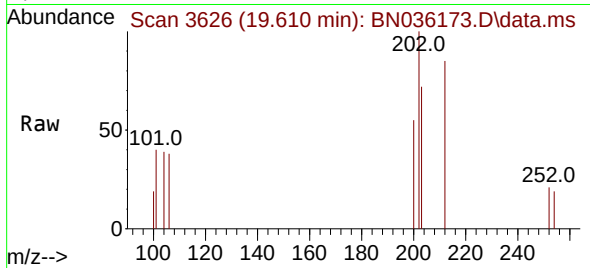
Tgt Ion:202 Resp: 6044
 Ion Ratio Lower Upper
 202 100
 101 34.7 8.4 12.6#
 100 17.8 6.5 9.7#





#20
Pyrene
Concen: 0.140 ng/u1
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15

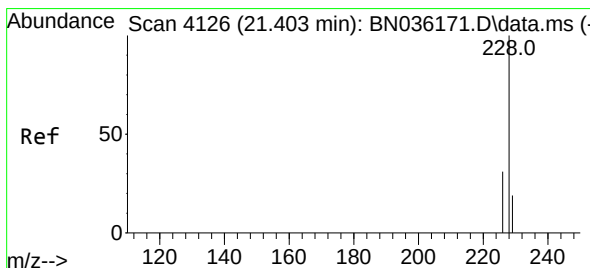
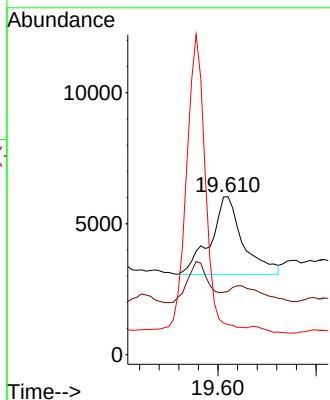
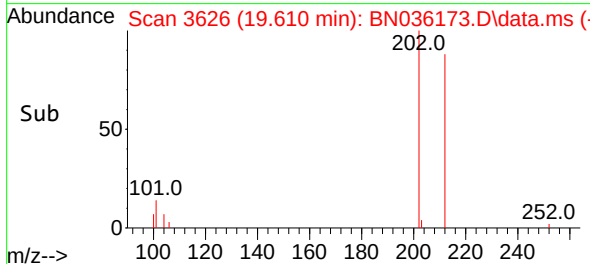
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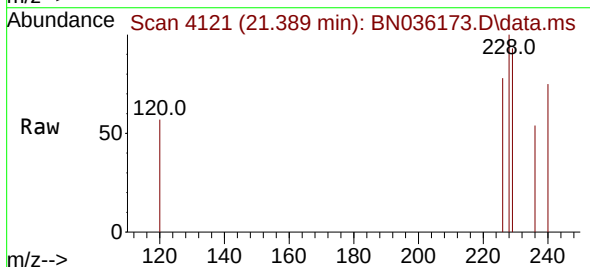
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Ion Ratio Lower Upper
202 100
101 40.0 9.3 13.9#
100 19.0 7.5 11.3#

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Supervised By :mohammad ahmed 02/04/2025



#22
Chrysene
Concen: 0.064 ng/u1
RT: 21.389 min Scan# 4121
Delta R.T. -0.017 min
Lab File: BN036173.D
Acq: 31 Jan 2025 18:15



Tgt Ion:228 Resp: 2884
Ion Ratio Lower Upper
228 100
226 78.5 24.4 36.6#
229 92.7 15.9 23.9#

