

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036396.D
 Acq On : 08 Feb 2025 05:26
 Operator : RC/JU
 Sample : Q1202-20
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29B4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :Sohil Jodhani 02/18/2025

Quant Time: Feb 11 16:32:00 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 : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	3301	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	26007m	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.409	164	10970	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.150	188	8523m	0.400	ng/ul	0.00
17) Chrysene-d12	21.336	240	10011	0.400	ng/ul	# 0.00
23) Perylene-d12	23.619	264	7048m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19311	5.343	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	4334	0.132	ng/ul	0.00
18) Fluoranthene-d10	19.179	212	8535	0.310	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.606	128	148639	2.075	ng/ul	98
7) 2-Methylnaphthalene	12.234	142	14319	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.454	142	10505	0.233	ng/ul	98
10) Acenaphthylene	14.132	152	3870	0.075	ng/ul#	40
11) Acenaphthene	14.474	153	28570	0.751	ng/ul#	71
12) Fluorene	15.455	166	9039	0.215	ng/ul#	90
14) Pentachlorophenol	16.804	266	10242	3.430	ng/ul	99
15) Phenanthrene	17.188	178	11931	0.478	ng/ul#	63
16) Anthracene	17.281	178	8105	0.349	ng/ul#	13
19) Fluoranthene	19.207	202	5178	0.136	ng/ul#	55
20) Pyrene	19.574	202	4469m	0.113	ng/ul	

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

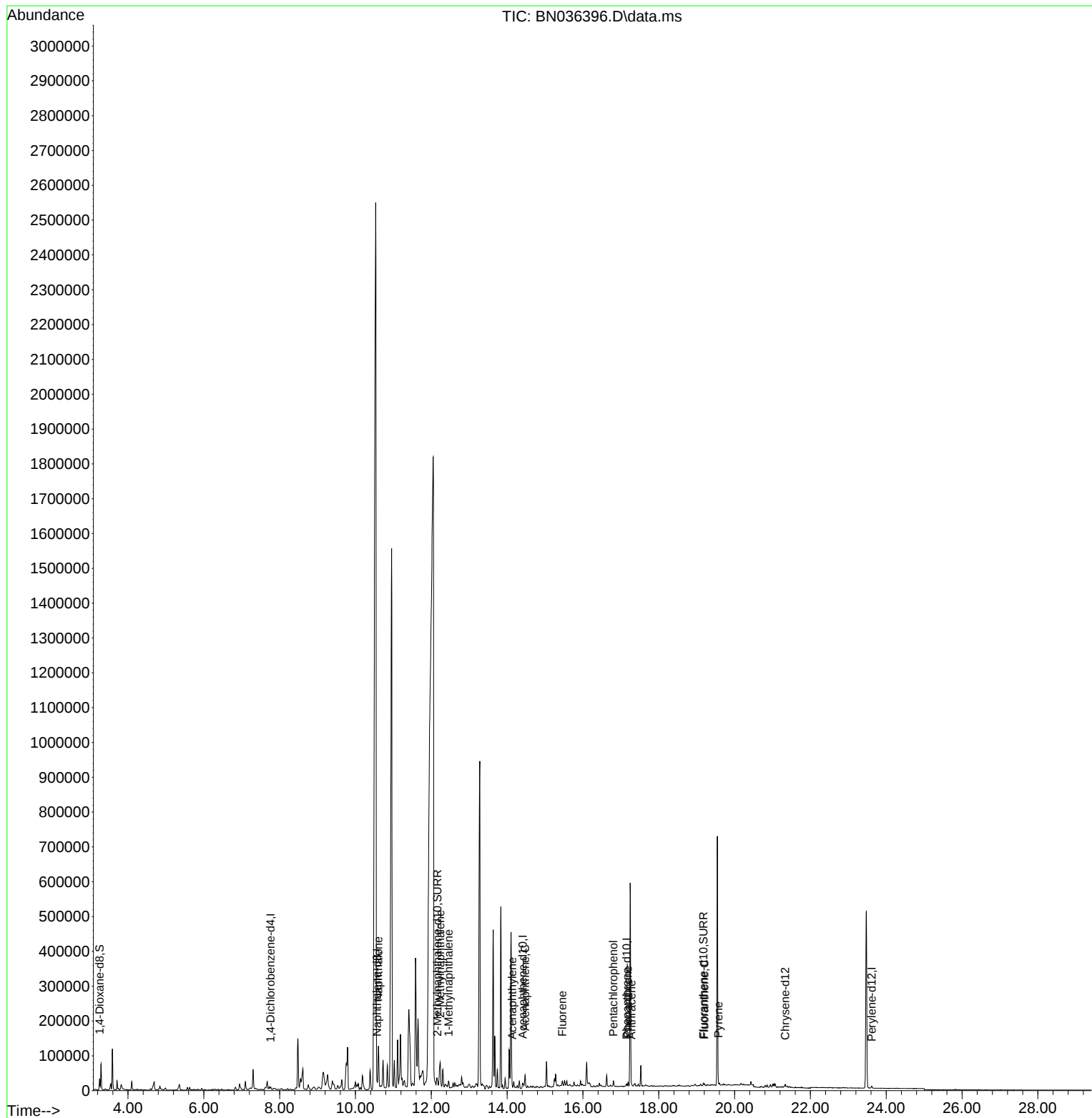
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036396.D
Acq On : 08 Feb 2025 05:26
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Sample : Q1202-20
Misc :
ALS Vial : 67 Sample Multiplier: 1

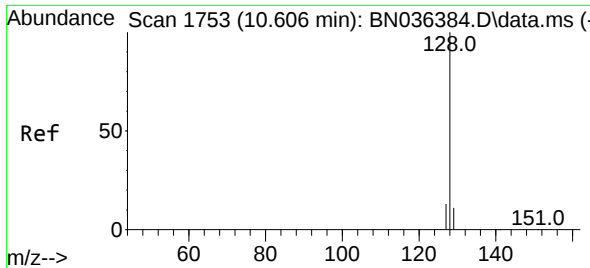
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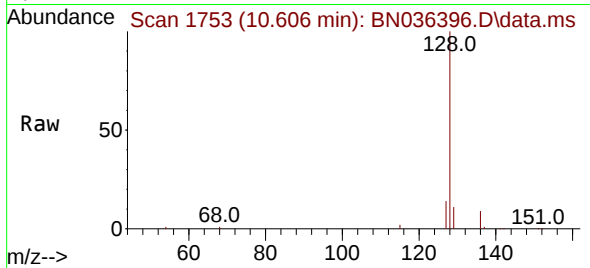
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
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#5
Naphthalene
Concen: 2.075 ng/ul
RT: 10.606 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26

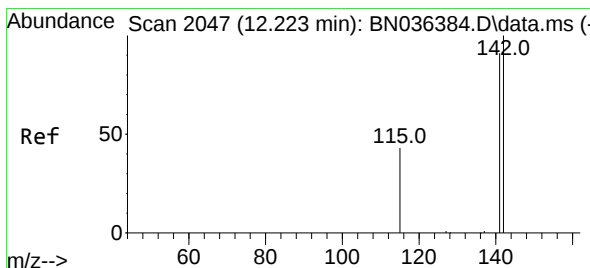
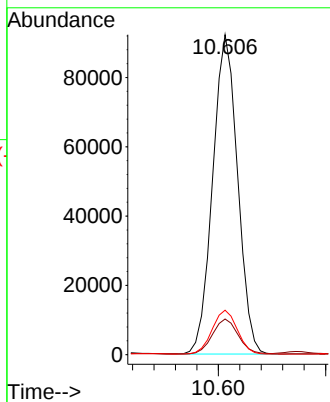
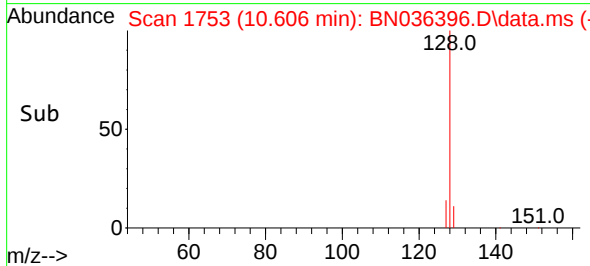
Instrument :
BNA_N
ClientSampleId :
E29B4



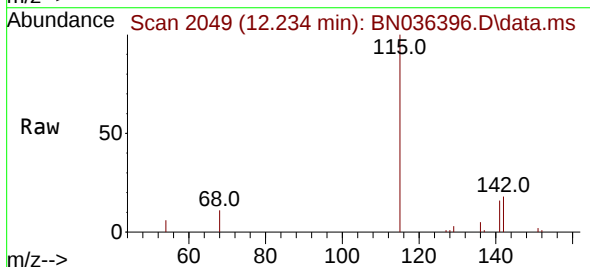
Tgt Ion:128 Resp: 148639
Ion Ratio Lower Upper
128 100
129 11.2 9.6 14.4
127 13.9 12.0 18.0

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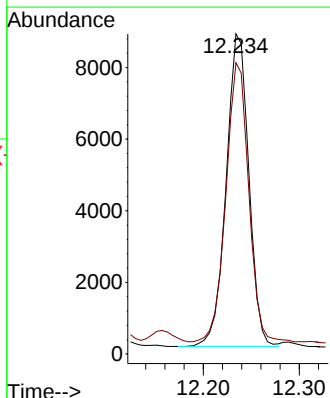
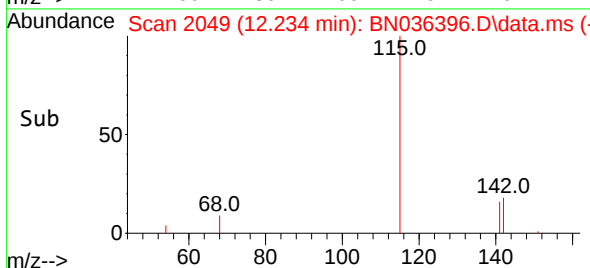
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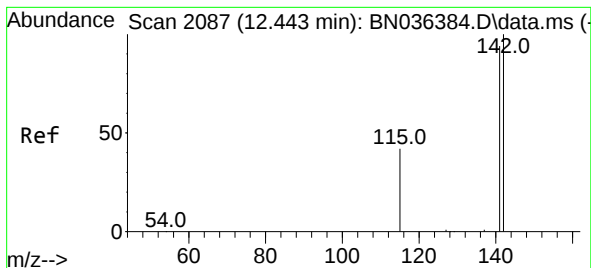


#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.234 min Scan# 2049
Delta R.T. 0.006 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26



Tgt Ion:142 Resp: 14319
Ion Ratio Lower Upper
142 100
141 89.2 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.233 ng/ul

RT: 12.454 min Scan# 2089

Delta R.T. 0.006 min

Lab File: BN036396.D

Acq: 08 Feb 2025 05:26

Instrument :

BNA_N

ClientSampleId :

E29B4

Tgt Ion:142 Resp: 1050

Ion Ratio Lower Upper

142 100

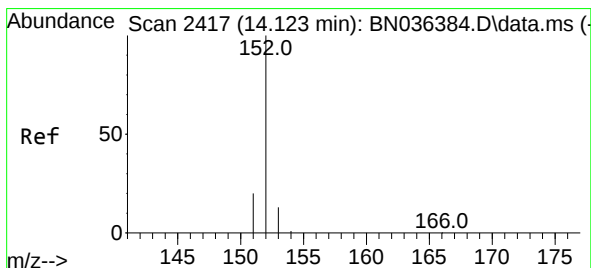
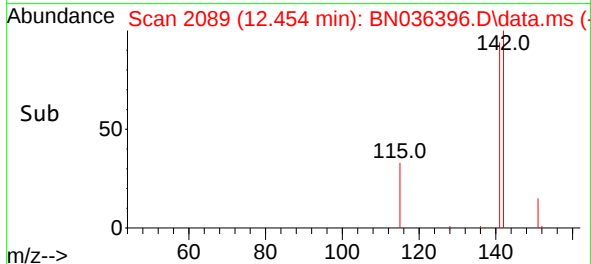
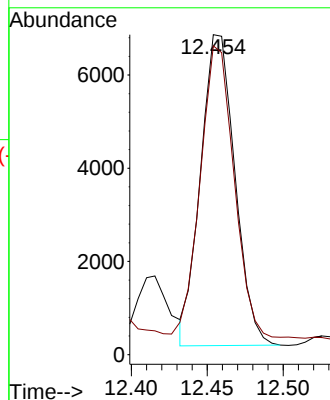
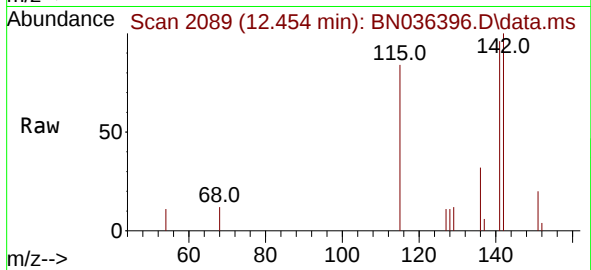
141 92.5 75.2 112.8

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#10

Acenaphthylene

Concen: 0.075 ng/ul

RT: 14.132 min Scan# 2419

Delta R.T. 0.005 min

Lab File: BN036396.D

Acq: 08 Feb 2025 05:26

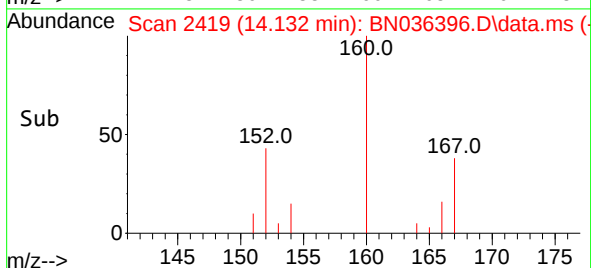
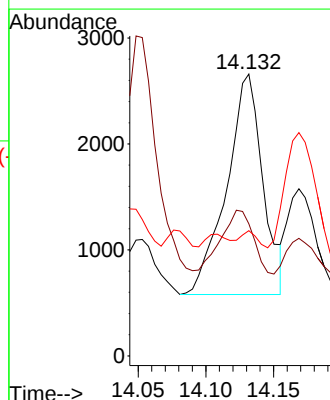
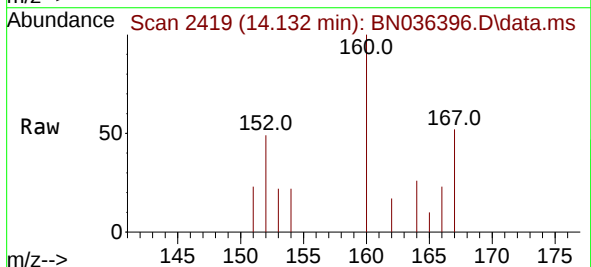
Tgt Ion:152 Resp: 3870

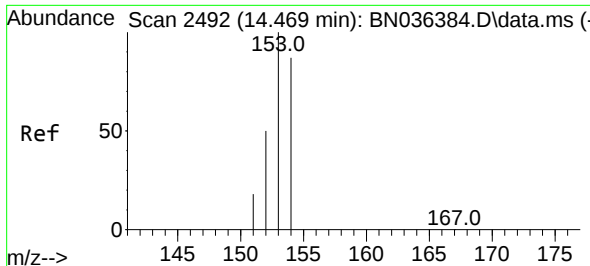
Ion Ratio Lower Upper

152 100

151 46.9 17.4 26.2#

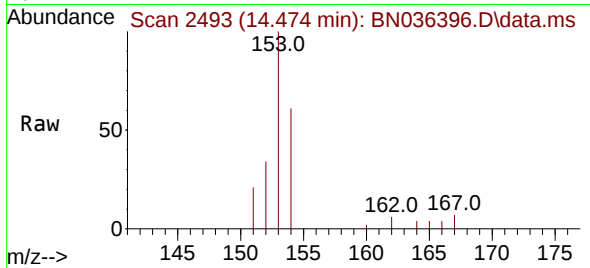
153 44.4 11.9 17.9#





#11
Acenaphthene
Concen: 0.751 ng/ul
RT: 14.474 min Scan# 2493
Delta R.T. 0.005 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26

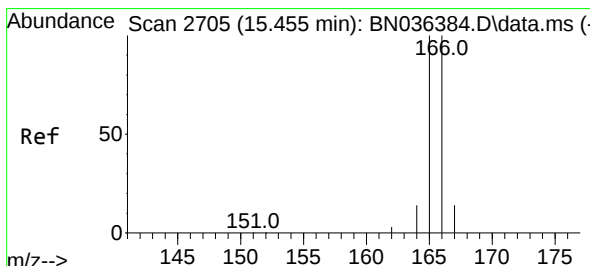
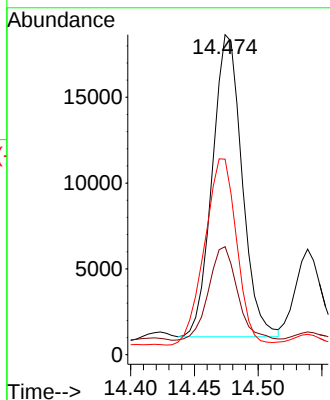
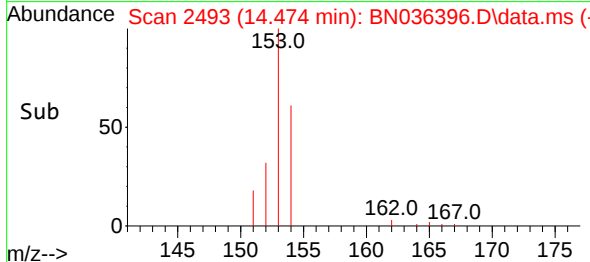
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 28570
Ion Ratio Lower Upper
153 100
152 33.8 43.2 64.8
154 61.1 70.5 105.7

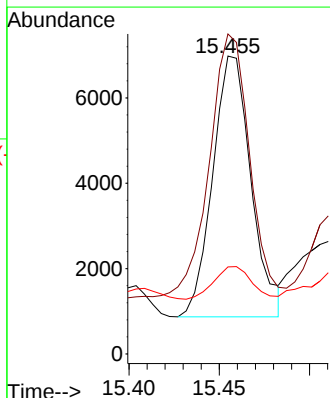
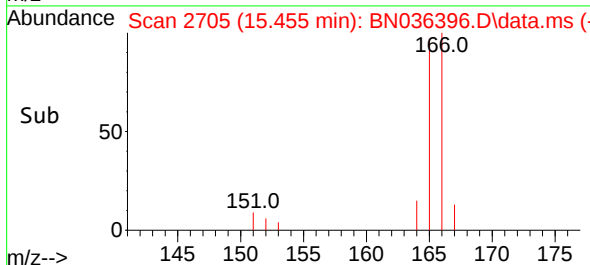
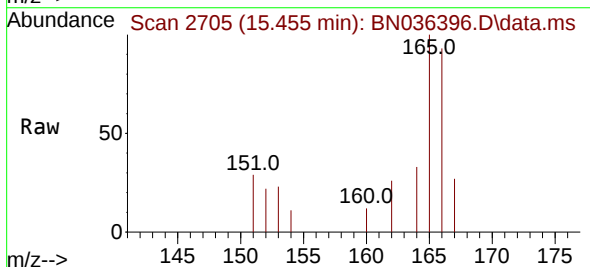
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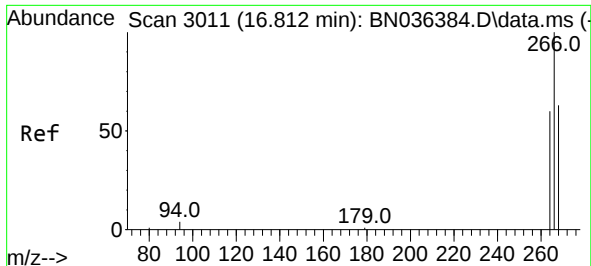
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#12
Fluorene
Concen: 0.215 ng/ul
RT: 15.455 min Scan# 2705
Delta R.T. -0.005 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26

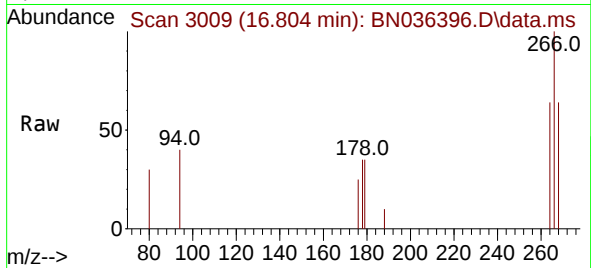
Tgt Ion:166 Resp: 9039
Ion Ratio Lower Upper
166 100
165 107.4 80.3 120.5
167 29.2 12.3 18.5





#14
Pentachlorophenol
Concen: 3.430 ng/ul
RT: 16.804 min Scan# 3011
Delta R.T. -0.008 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26

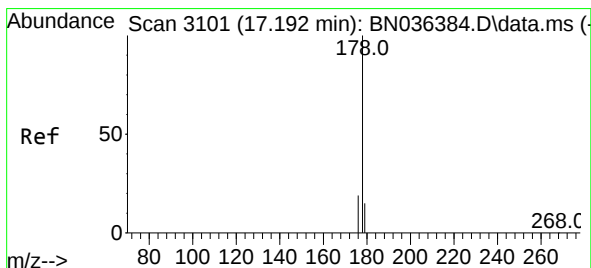
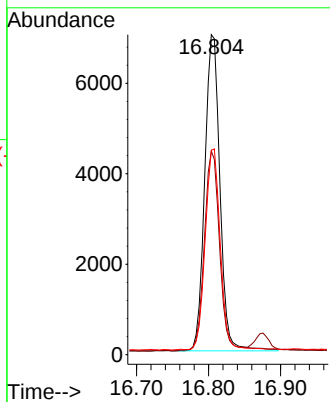
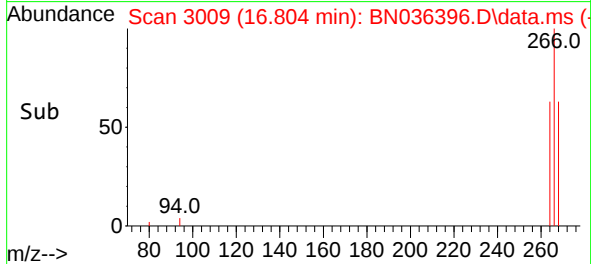
Instrument :
BNA_N
ClientSampleId :
E29B4



Tgt Ion:266 Resp: 1024
Ion Ratio Lower Upper
266 100
264 62.8 50.6 75.8
268 62.6 50.6 75.8

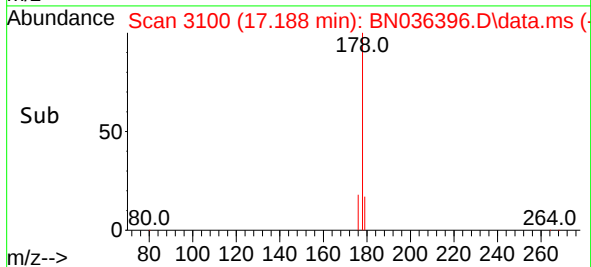
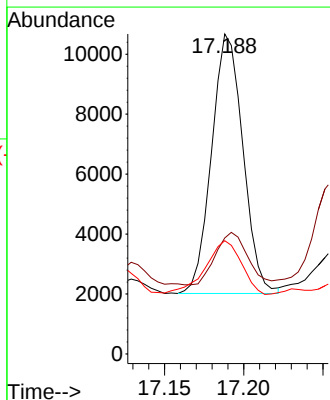
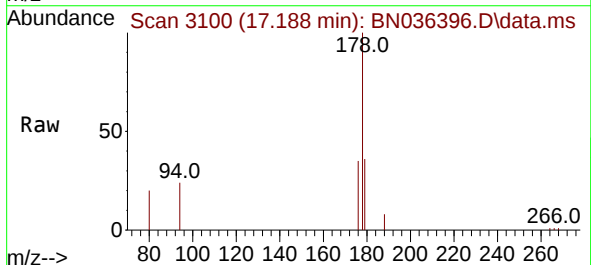
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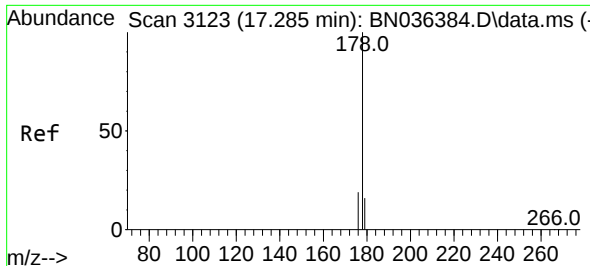
Reviewed By :Jagrut Upadhyay 02/11/2025
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#15
Phenanthrene
Concen: 0.478 ng/ul
RT: 17.188 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN036396.D
Acq: 08 Feb 2025 05:26

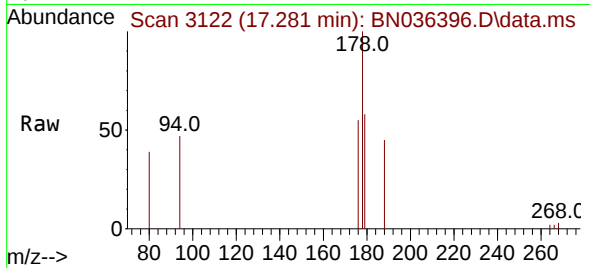
Tgt Ion:178 Resp: 11931
Ion Ratio Lower Upper
178 100
179 36.2 13.2 19.8#
176 35.4 16.8 25.2#





#16
 Anthracene
 Concen: 0.349 ng/ul
 RT: 17.281 min Scan# 3122
 Delta R.T. -0.008 min
 Lab File: BN036396.D
 Acq: 08 Feb 2025 05:26

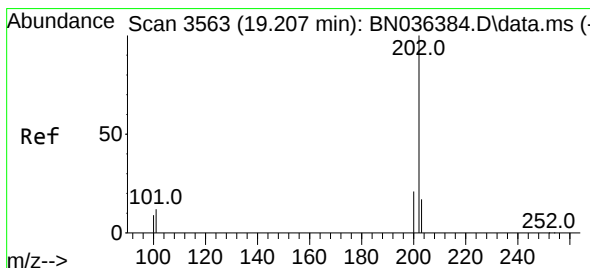
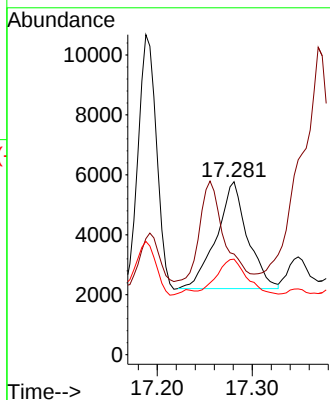
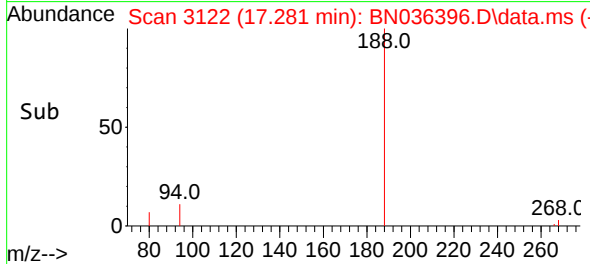
Instrument :
 BNA_N
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 E29B4



Tgt Ion:178 Resp: 810
 Ion Ratio Lower Upper
 178 100
 179 58.2 13.0 19.4#
 176 55.2 15.9 23.9#

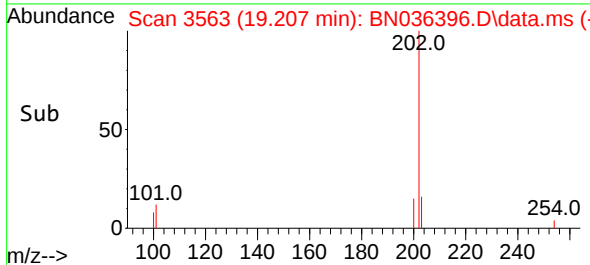
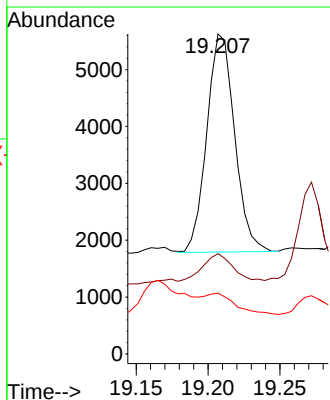
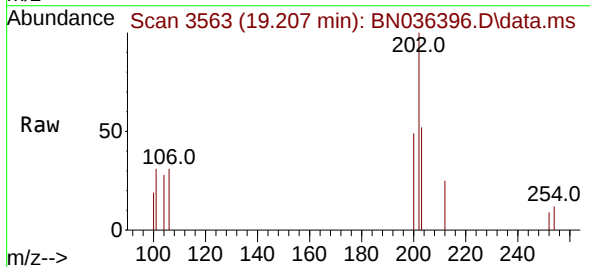
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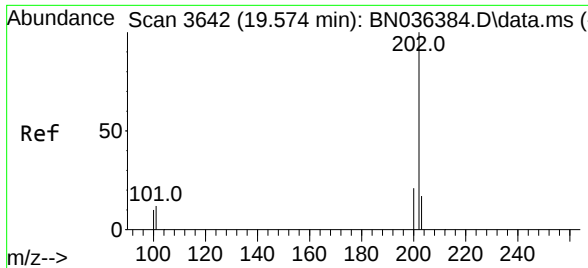
Reviewed By :Jagrut Upadhyay 02/11/2025
 Supervised By :Sohil Jodhani 02/18/2025



#19
 Fluoranthene
 Concen: 0.136 ng/ul
 RT: 19.207 min Scan# 3563
 Delta R.T. -0.005 min
 Lab File: BN036396.D
 Acq: 08 Feb 2025 05:26

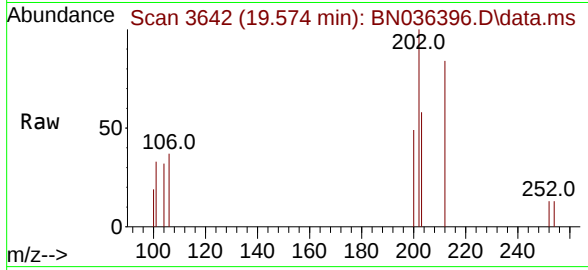
Tgt Ion:202 Resp: 5178
 Ion Ratio Lower Upper
 202 100
 101 31.3 8.4 12.6#
 100 19.0 6.5 9.7#





#20
 Pyrene
 Concen: 0.113 ng/ul m
 RT: 19.574 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN036396.D
 Acq: 08 Feb 2025 05:26

Instrument :
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Tgt Ion: 202 Resp: 4469

Ion	Ratio	Lower	Upper
202	100		
101	33.4	9.3	13.9
100	18.9	7.5	11.3

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