

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036395.D
 Acq On : 08 Feb 2025 04:50
 Operator : RC/JU
 Sample : Q1202-19
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29B3

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 15:43:50 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	7.766	152	3182	0.400	ng/ul	0.00
4) Naphthalene-d8	10.601	136	30048m	0.400	ng/ul	0.04
9) Acenaphthene-d10	14.419	164	25344	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.150	188	10410m	0.400	ng/ul	0.00
17) Chrysene-d12	21.333	240	9590	0.400	ng/ul	# 0.00
23) Perylene-d12	23.610	264	8091m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	20278	5.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	2768	0.073	ng/ul	0.02
18) Fluoranthene-d10	19.179	212	10729	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.617	128	698368	8.437	ng/ul	97
7) 2-Methylnaphthalene	12.251	142	117006	2.275	ng/ul	98
8) 1-Methylnaphthalene	12.471	142	132242	2.534	ng/ul	88
10) Acenaphthylene	14.141	152	8740	0.073	ng/ul#	33
11) Acenaphthene	14.483	153	62198	0.707	ng/ul#	78
12) Fluorene	15.460	166	28095	0.289	ng/ul#	97
14) Pentachlorophenol	16.808	266	652	0.179	ng/ul	98
15) Phenanthrene	17.192	178	65781	2.158	ng/ul	97
16) Anthracene	17.281	178	24636	0.870	ng/ul#	64
19) Fluoranthene	19.207	202	21304	0.585	ng/ul#	82
20) Pyrene	19.574	202	19184	0.504	ng/ul#	82
21) Benzo(a)anthracene	21.319	228	6573	0.192	ng/ul#	49
22) Chrysene	21.368	228	9703	0.277	ng/ul#	42
24) Benzo(b)fluoranthene	22.926	252	10571m	0.392	ng/ul	
25) Benzo(k)fluoranthene	22.967	252	4110m	0.145	ng/ul	
26) Benzo(a)pyrene	23.514	252	8369	0.343	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.920	276	5759	0.179	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.930	278	1301	0.052	ng/ul#	1
29) Benzo(g,h,i)perylene	26.631	276	6242	0.249	ng/ul#	86

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

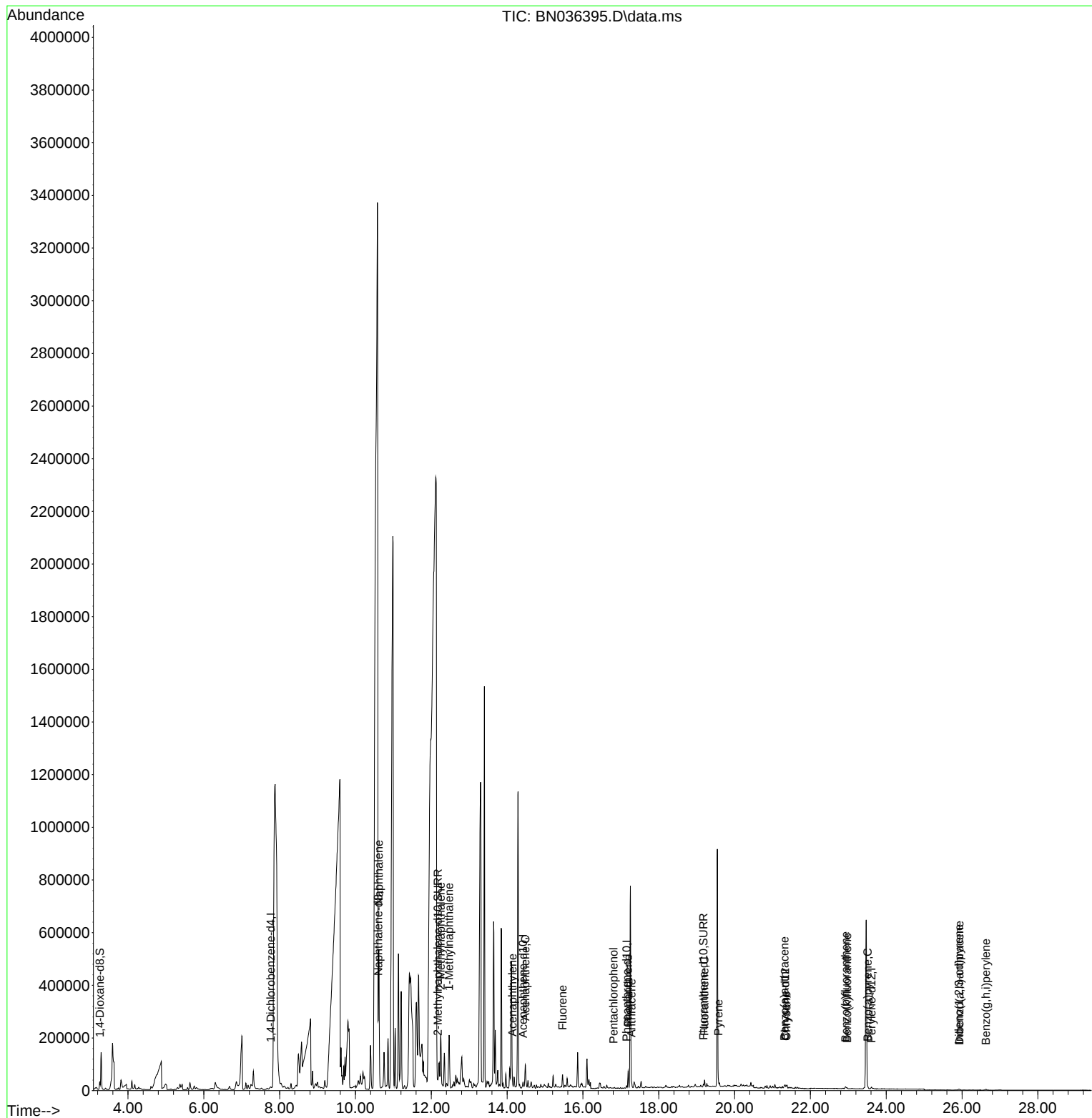
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036395.D
Acq On : 08 Feb 2025 04:50
Operator : RC/JU
Sample : Q1202-19
Misc :
ALS Vial : 66 Sample Multiplier: 1

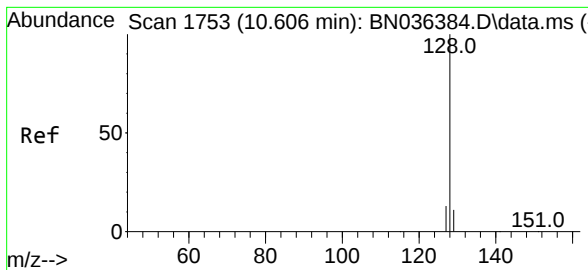
Instrument :
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Supervised By :Sohil Jodhani 02/18/2025

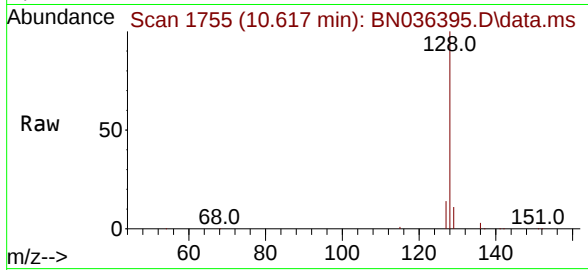
Quant Time: Feb 11 15:43:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration





#5
Naphthalene
Concen: 8.437 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. 0.011 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

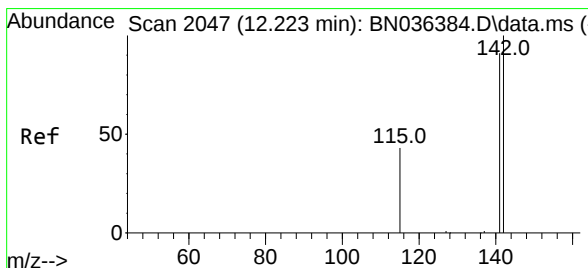
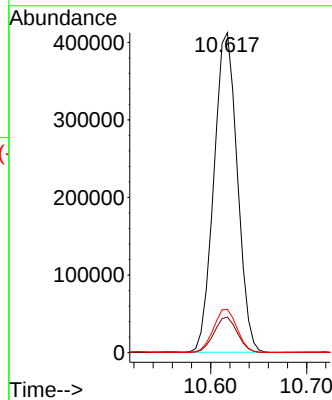
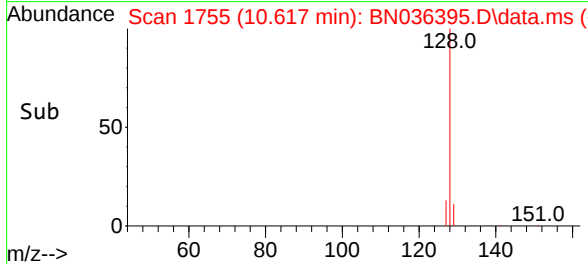
Instrument :
BNA_N
ClientSampleId :
E29B3



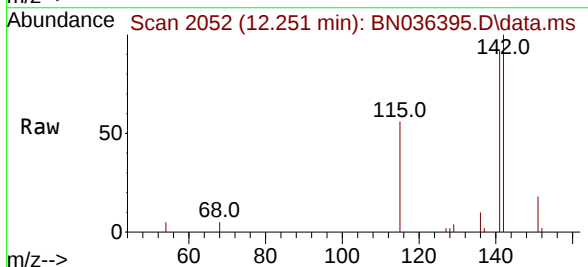
Tgt Ion:128 Resp: 69836
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 13.6 12.0 18.0

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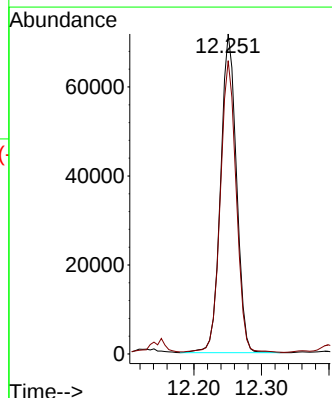
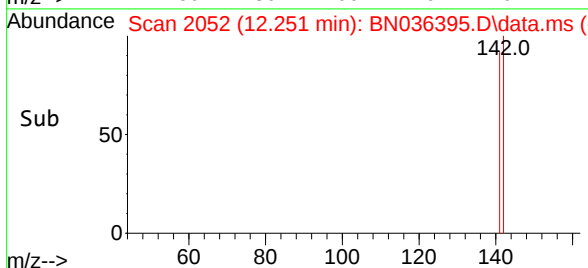
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

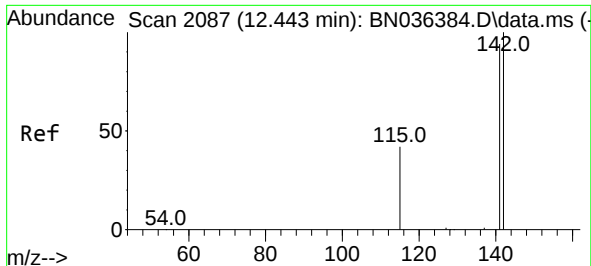


#7
2-Methylnaphthalene
Concen: 2.275 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.022 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



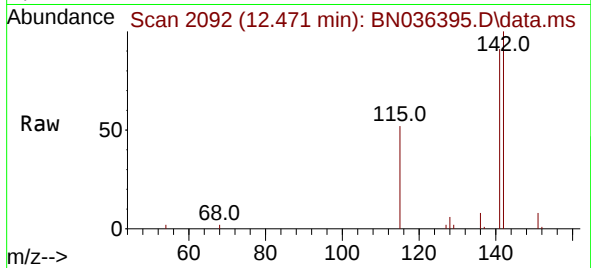
Tgt Ion:142 Resp: 117006
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 2.534 ng/ul
RT: 12.471 min Scan# 2087
Delta R.T. 0.022 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

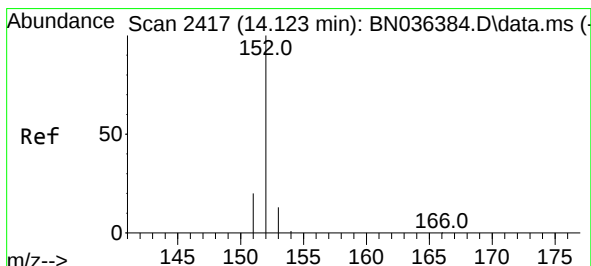
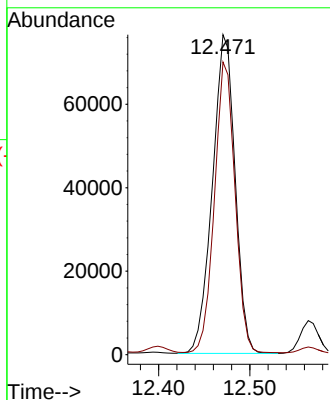
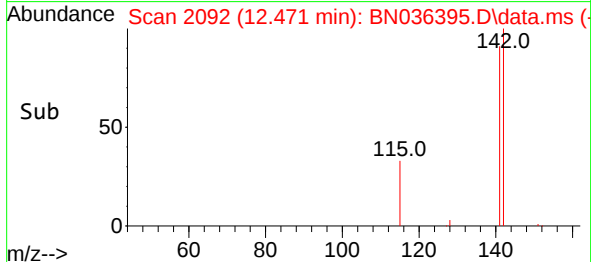
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 13224
Ion Ratio Lower Upper
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141 82.7 75.2 112.8

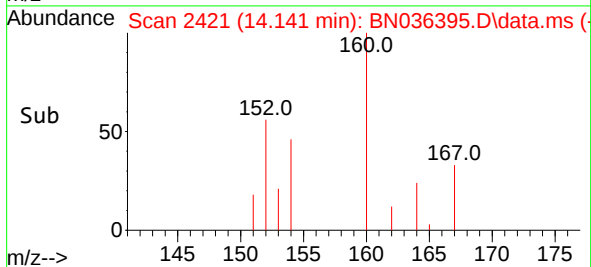
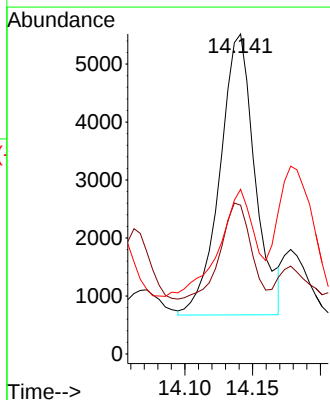
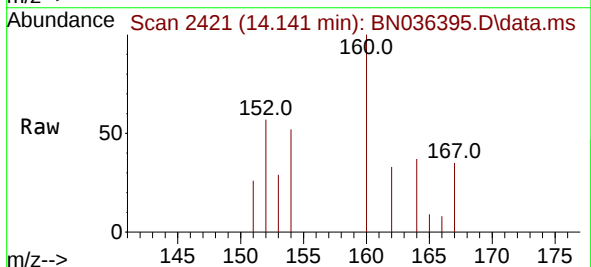
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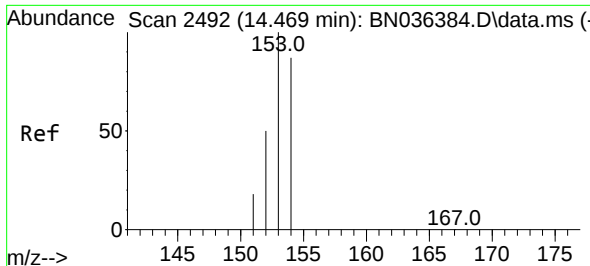
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025



#10
Acenaphthylene
Concen: 0.073 ng/ul
RT: 14.141 min Scan# 2421
Delta R.T. 0.014 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

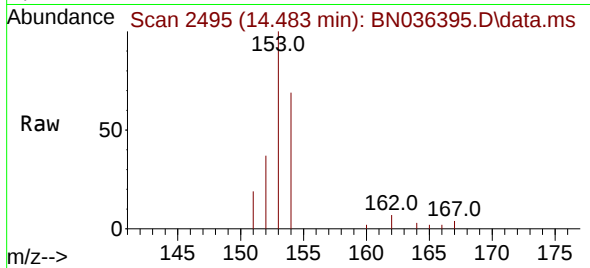
Tgt Ion:152 Resp: 8740
Ion Ratio Lower Upper
152 100
151 46.5 17.4 26.2#
153 51.4 11.9 17.9#





#11
Acenaphthene
Concen: 0.707 ng/u1
RT: 14.483 min Scan# 2492
Delta R.T. 0.014 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

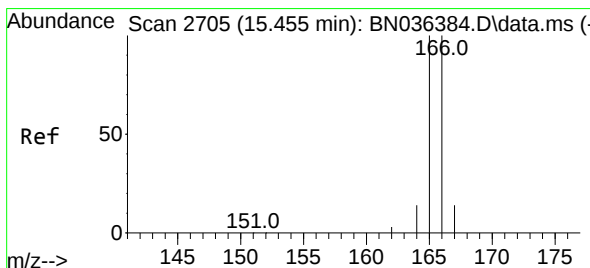
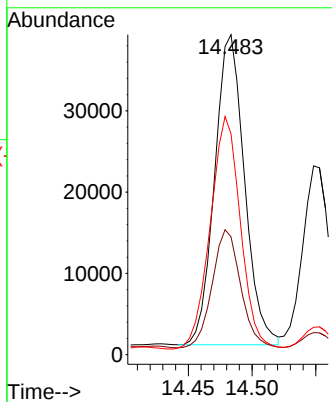
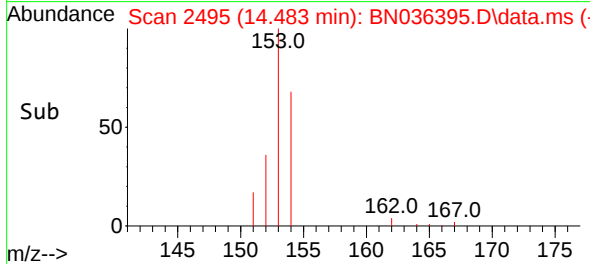
Instrument :
BNA_N
ClientSampleId :
E29B3



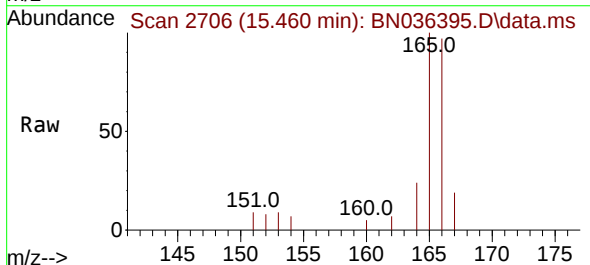
Tgt Ion:153 Resp: 62198
Ion Ratio Lower Upper
153 100
152 36.8 43.2 64.8
154 69.1 70.5 105.7

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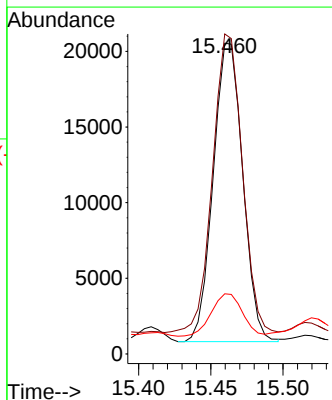
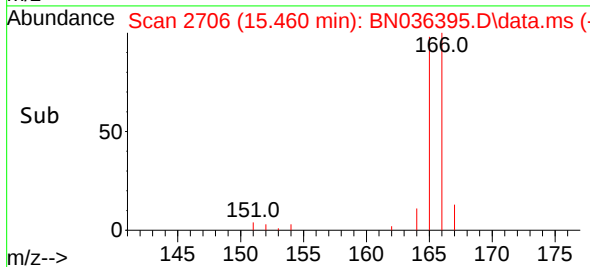
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

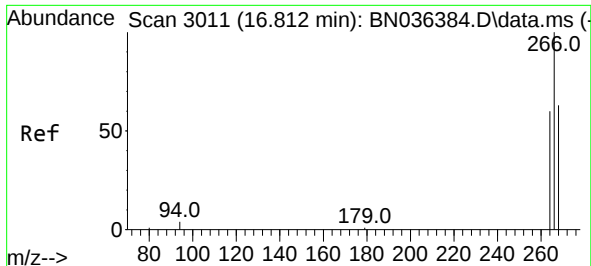


#12
Fluorene
Concen: 0.289 ng/u1
RT: 15.460 min Scan# 2706
Delta R.T. 0.000 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



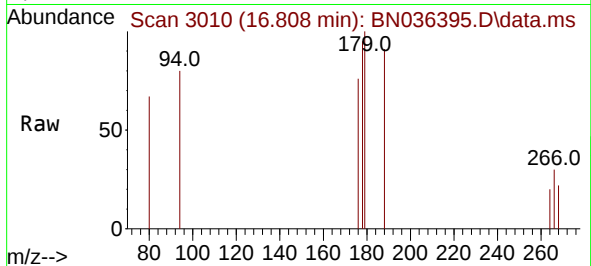
Tgt Ion:166 Resp: 28095
Ion Ratio Lower Upper
166 100
165 103.0 80.3 120.5
167 19.3 12.3 18.5





#14
Pentachlorophenol
Concen: 0.179 ng/u1
RT: 16.808 min Scan# 3010
Delta R.T. -0.004 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

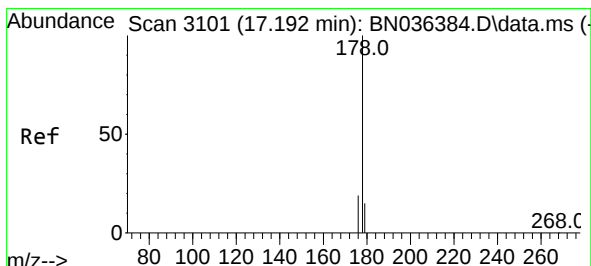
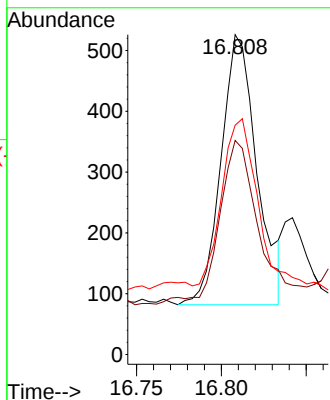
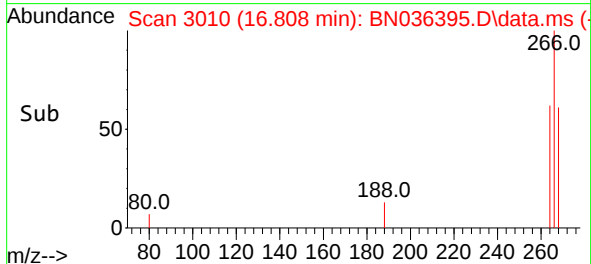
Instrument :
BNA_N
ClientSampleId :
E29B3



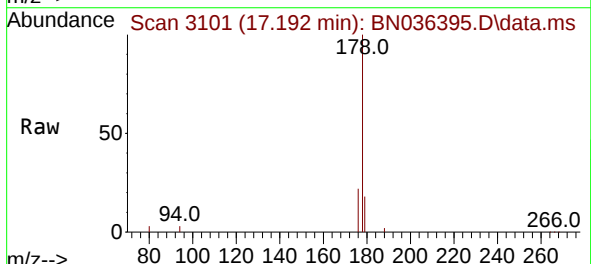
Tgt Ion:266 Resp: 652
Ion Ratio Lower Upper
266 100
264 62.4 50.6 75.8
268 65.8 50.6 75.8

Manual Integrations
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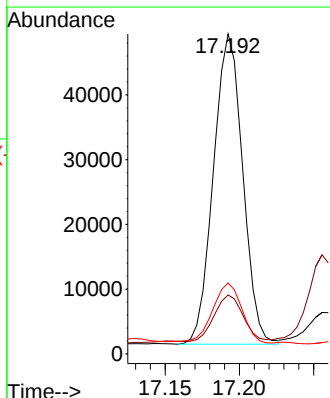
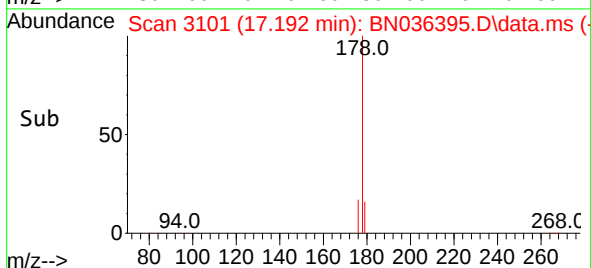
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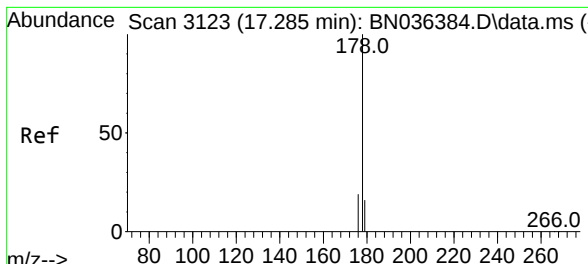


#15
Phenanthrene
Concen: 2.158 ng/u1
RT: 17.192 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



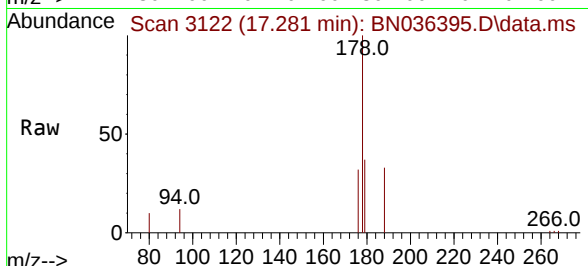
Tgt Ion:178 Resp: 65781
Ion Ratio Lower Upper
178 100
179 18.4 13.2 19.8
176 22.2 16.8 25.2





#16
 Anthracene
 Concen: 0.870 ng/ul
 RT: 17.281 min Scan# 3122
 Delta R.T. -0.008 min
 Lab File: BN036395.D
 Acq: 08 Feb 2025 04:50

Instrument :
 BNA_N
 ClientSampleId :
 E29B3

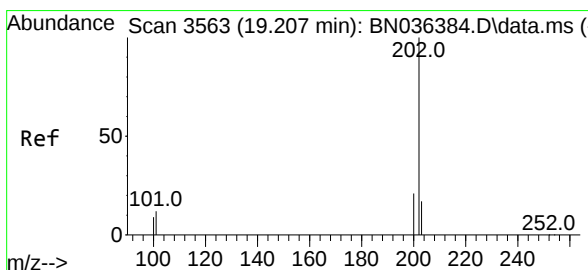
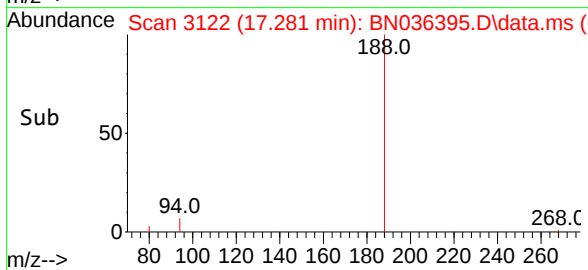
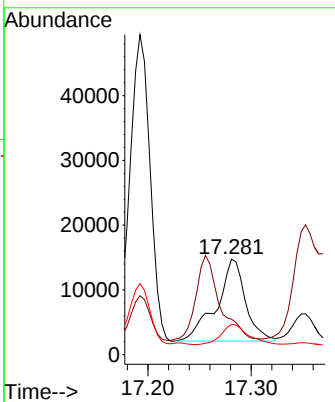


Tgt Ion:178 Resp: 24630

Ion	Ratio	Lower	Upper
178	100		
179	37.2	13.0	19.4
176	31.7	15.9	23.9

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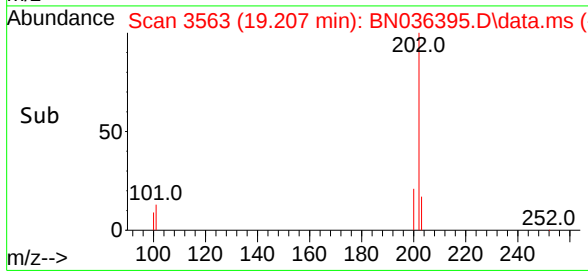
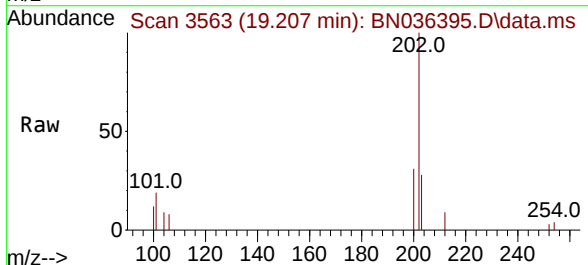
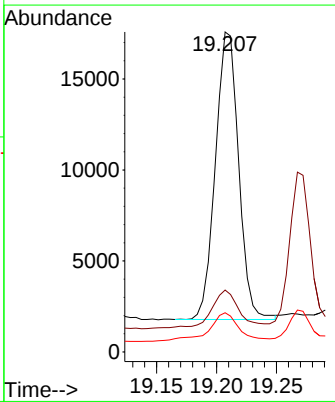
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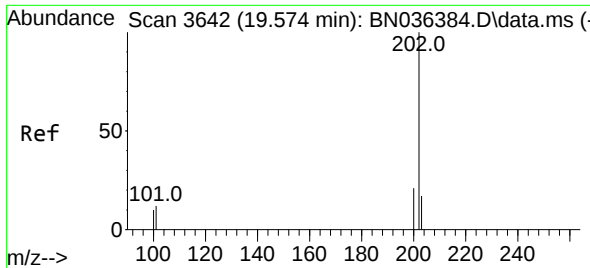


#19
 Fluoranthene
 Concen: 0.585 ng/ul
 RT: 19.207 min Scan# 3563
 Delta R.T. -0.004 min
 Lab File: BN036395.D
 Acq: 08 Feb 2025 04:50

Tgt Ion:202 Resp: 21304

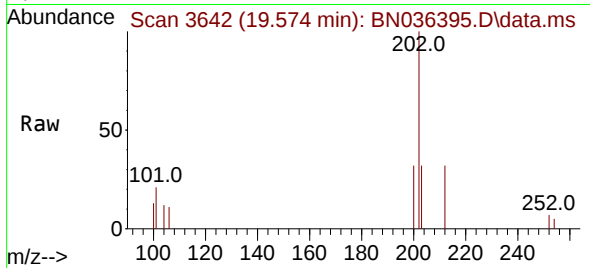
Ion	Ratio	Lower	Upper
202	100		
101	19.4	8.4	12.6
100	12.3	6.5	9.7





#20
Pyrene
Concen: 0.504 ng/ul
RT: 19.574 min Scan# 3642
Delta R.T. 0.000 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

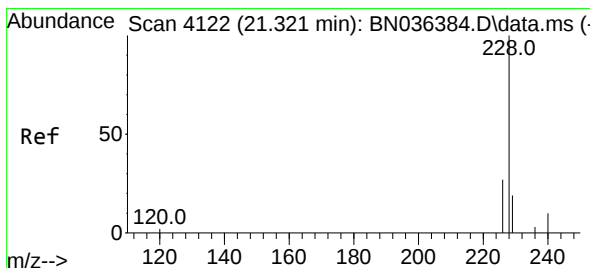
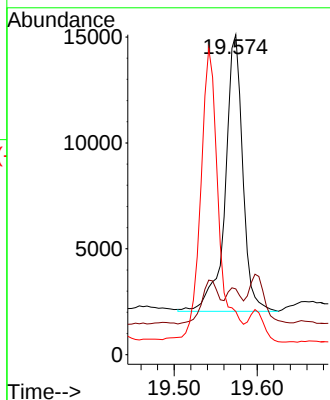
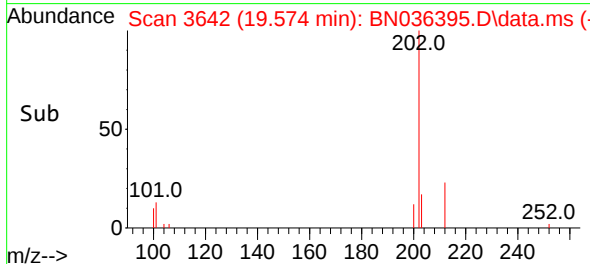
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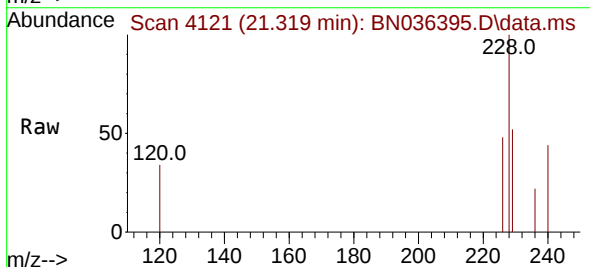
Tgt Ion:202 Resp: 19184
Ion Ratio Lower Upper
202 100
101 20.5 9.3 13.9#
100 13.5 7.5 11.3#

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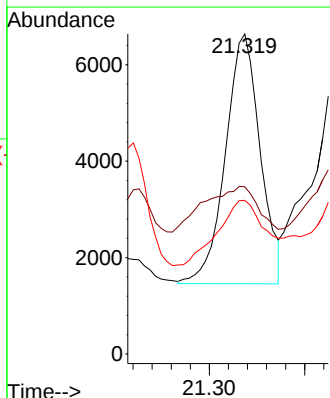
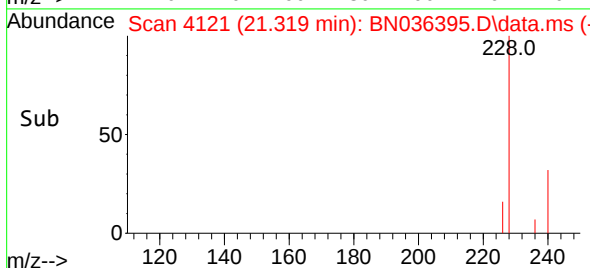
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

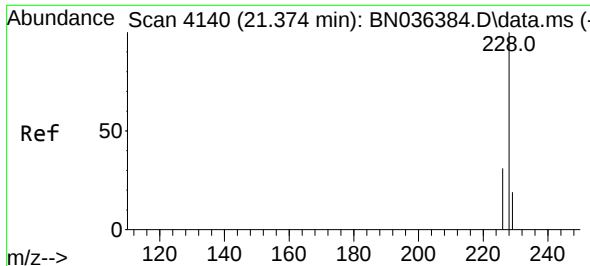


#21
Benzo(a)anthracene
Concen: 0.192 ng/ul
RT: 21.319 min Scan# 4121
Delta R.T. -0.006 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



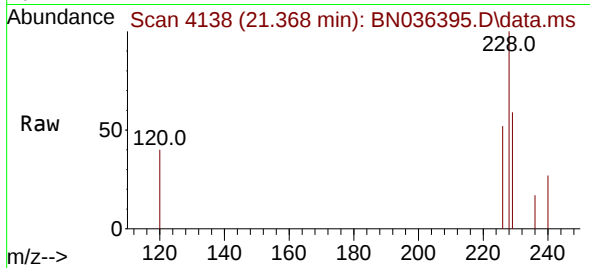
Tgt Ion:228 Resp: 6573
Ion Ratio Lower Upper
228 100
229 52.2 15.9 23.9#
226 48.0 22.8 34.2#





#22
Chrysene
Concen: 0.277 ng/ul
RT: 21.368 min Scan# 4138
Delta R.T. -0.009 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

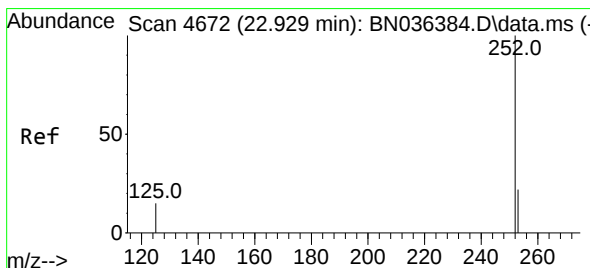
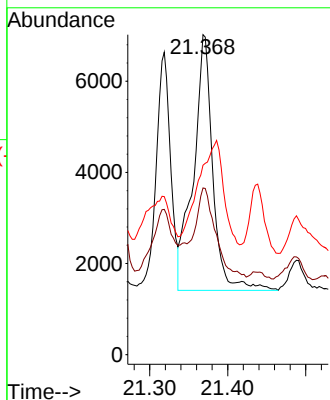
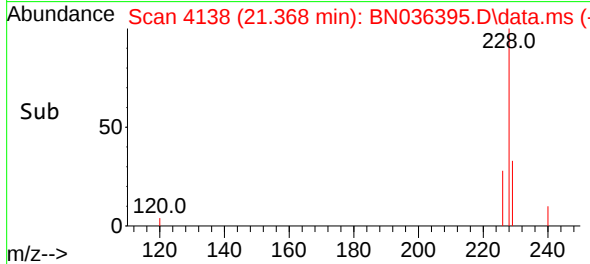
Instrument :
BNA_N
ClientSampleId :
E29B3



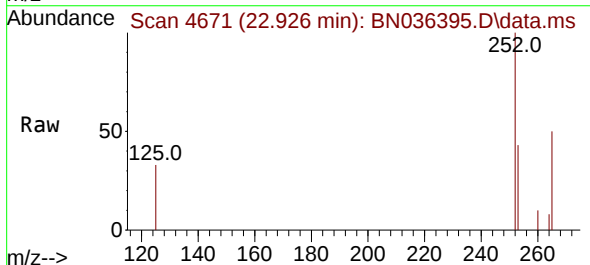
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Ion Ratio Lower Upper
228 100
226 52.1 24.4 36.6
229 59.2 15.9 23.9

Manual Integrations
APPROVED

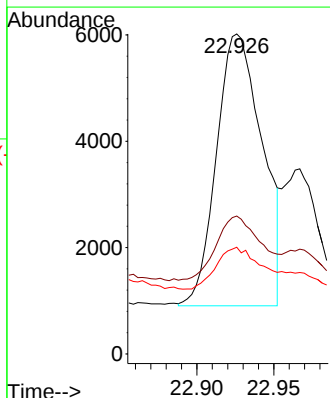
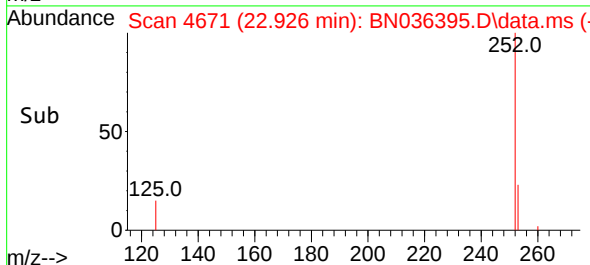
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

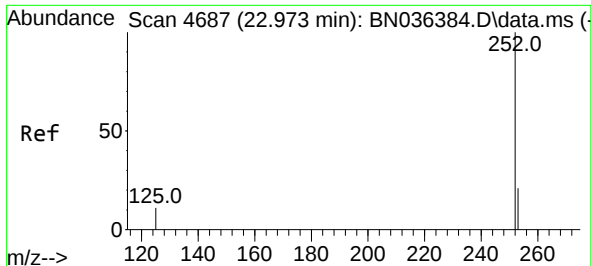


#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul m
RT: 22.926 min Scan# 4671
Delta R.T. -0.006 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



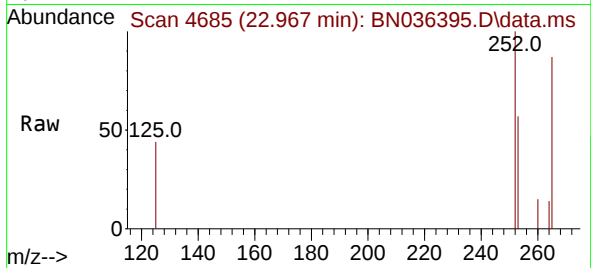
Tgt Ion:252 Resp: 10571
Ion Ratio Lower Upper
252 100
253 43.1 0.0 51.2
125 33.4 0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 0.145 ng/ul m
RT: 22.967 min Scan# 4685
Delta R.T. -0.009 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

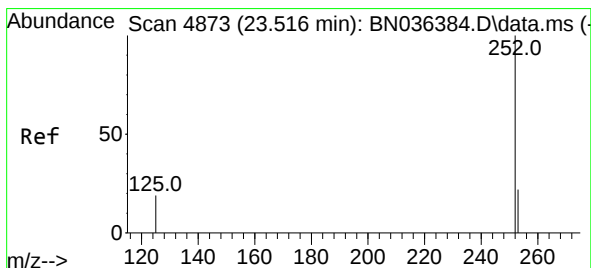
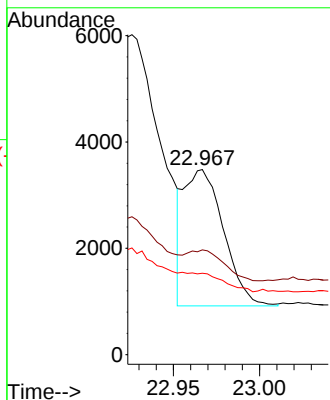
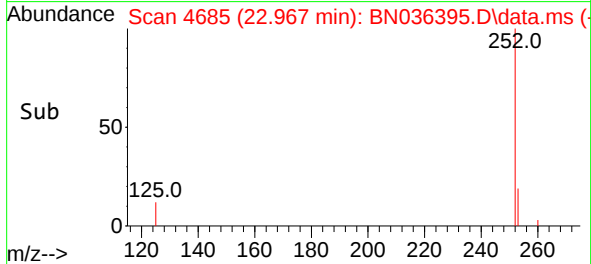
Instrument :
BNA_N
ClientSampleId :
E29B3



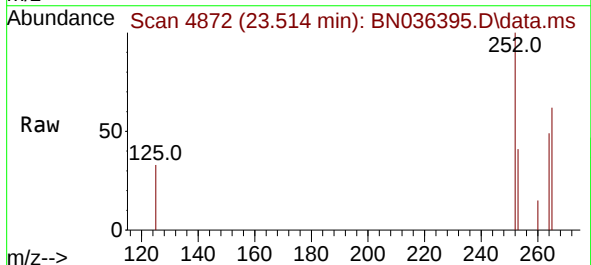
Tgt Ion:252 Resp: 4110
Ion Ratio Lower Upper
252 100
253 56.6 20.2 30.4#
125 44.0 10.6 16.0#

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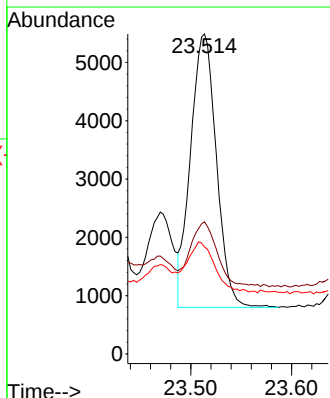
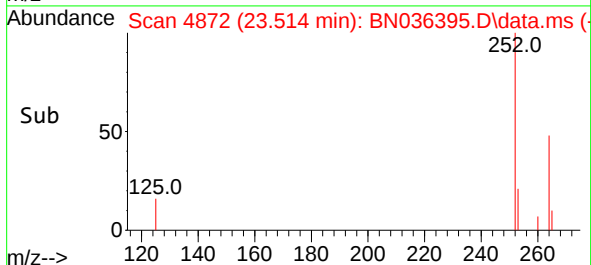
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

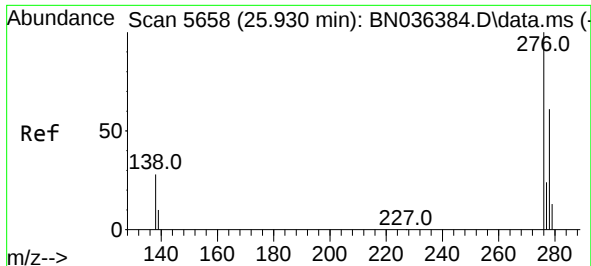


#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.514 min Scan# 4872
Delta R.T. -0.006 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



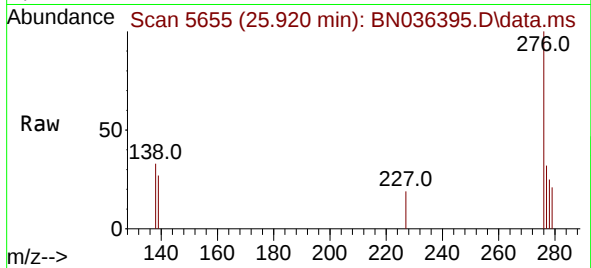
Tgt Ion:252 Resp: 8369
Ion Ratio Lower Upper
252 100
253 41.3 22.2 33.4#
125 33.5 13.1 19.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.179 ng/ul
RT: 25.920 min Scan# 5655
Delta R.T. -0.010 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50

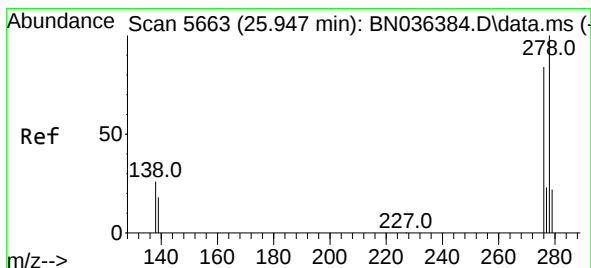
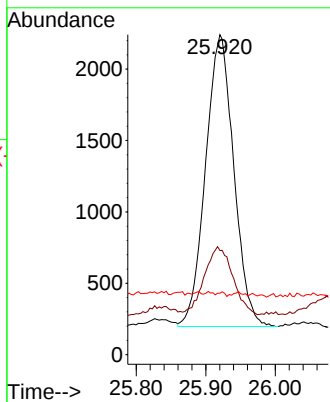
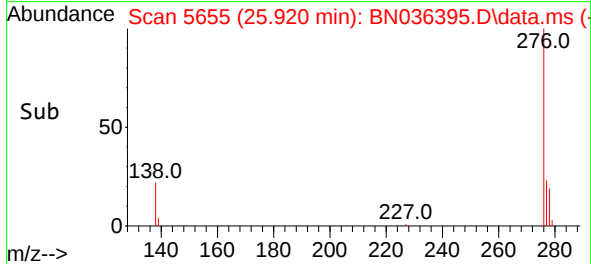
Instrument :
BNA_N
ClientSampleId :
E29B3



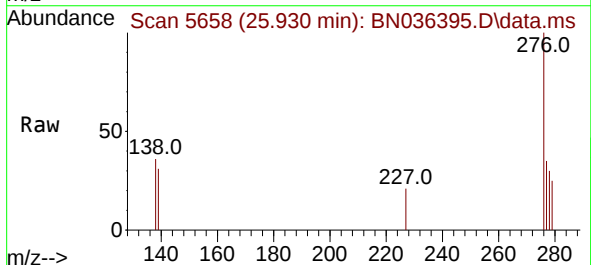
Tgt Ion:276 Resp: 5758
Ion Ratio Lower Upper
276 100
138 23.3 20.2 30.4
227 0.4 0.1 0.1

Manual Integrations
APPROVED

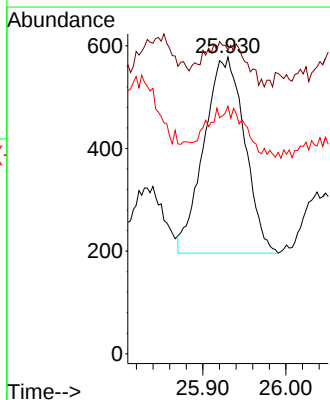
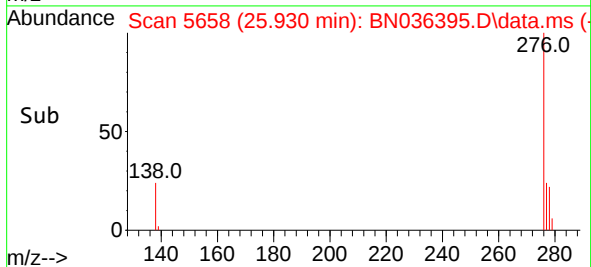
Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :Sohil Jodhani 02/18/2025

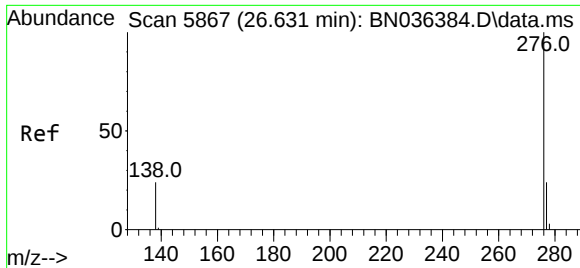


#28
Dibenzo(a,h)anthracene
Concen: 0.052 ng/ul
RT: 25.930 min Scan# 5658
Delta R.T. -0.020 min
Lab File: BN036395.D
Acq: 08 Feb 2025 04:50



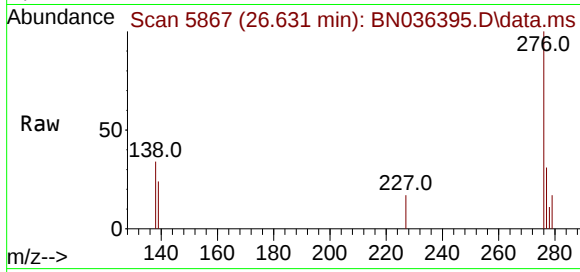
Tgt Ion:278 Resp: 1301
Ion Ratio Lower Upper
278 100
139 102.4 15.4 23.2#
279 83.4 22.2 33.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.249 ng/ul
 RT: 26.631 min Scan# 5867
 Delta R.T. -0.006 min
 Lab File: BN036395.D
 Acq: 08 Feb 2025 04:50

Instrument :
 BNA_N
 ClientSampleId :
 E29B3



Tgt Ion: 276 Resp: 624

Ion	Ratio	Lower	Upper
276	100		
138	34.1	19.4	29.0
277	31.2	21.1	31.7

Manual Integrations
 APPROVED

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

