

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036194.D
 Acq On : 01 Feb 2025 07:29
 Operator : RC/JU
 Sample : Q1224-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A6308

Manual Integrations
 APPROVED

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

Quant Time: Feb 03 12:04:39 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	2983	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	7705	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	4785	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.178	188	10283	0.400	ng/ul	-0.01
17) Chrysene-d12	21.369	240	10158	0.400	ng/ul	# 0.00
23) Perylene-d12	23.663	264	8982	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	8629	2.642	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	1877	0.193	ng/ul	-0.02
18) Fluoranthene-d10	19.210	212	3826	0.137	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.633	128	1125	0.053	ng/ul#	84
7) 2-Methylnaphthalene	12.249	142	403	0.031	ng/ul	100
8) 1-Methylnaphthalene	12.469	142	339	0.025	ng/ul	97
10) Acenaphthylene	14.154	152	3476	0.154	ng/ul	98
11) Acenaphthene	14.496	153	1666	0.100	ng/ul	99
12) Fluorene	15.482	166	2046	0.112	ng/ul#	98
14) Pentachlorophenol	16.836	266	260	0.072	ng/ul	95
15) Phenanthrene	17.221	178	78571	2.609	ng/ul	97
16) Anthracene	17.309	178	7504	0.268	ng/ul	96
19) Fluoranthene	19.238	202	248811	6.445	ng/ul	100
20) Pyrene	19.601	202	173292	4.300	ng/ul	98
21) Benzo(a)anthracene	21.351	228	75743	2.089	ng/ul	98
22) Chrysene	21.404	228	123900	3.345	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	157137m	5.243	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	59118m	1.876	ng/ul	
26) Benzo(a)pyrene	23.564	252	50690	1.872	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.001	276	49523	1.383	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.011	278	14004	0.508	ng/ul#	85
29) Benzo(g,h,i)perylene	26.716	276	6976	0.251	ng/ul#	76

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

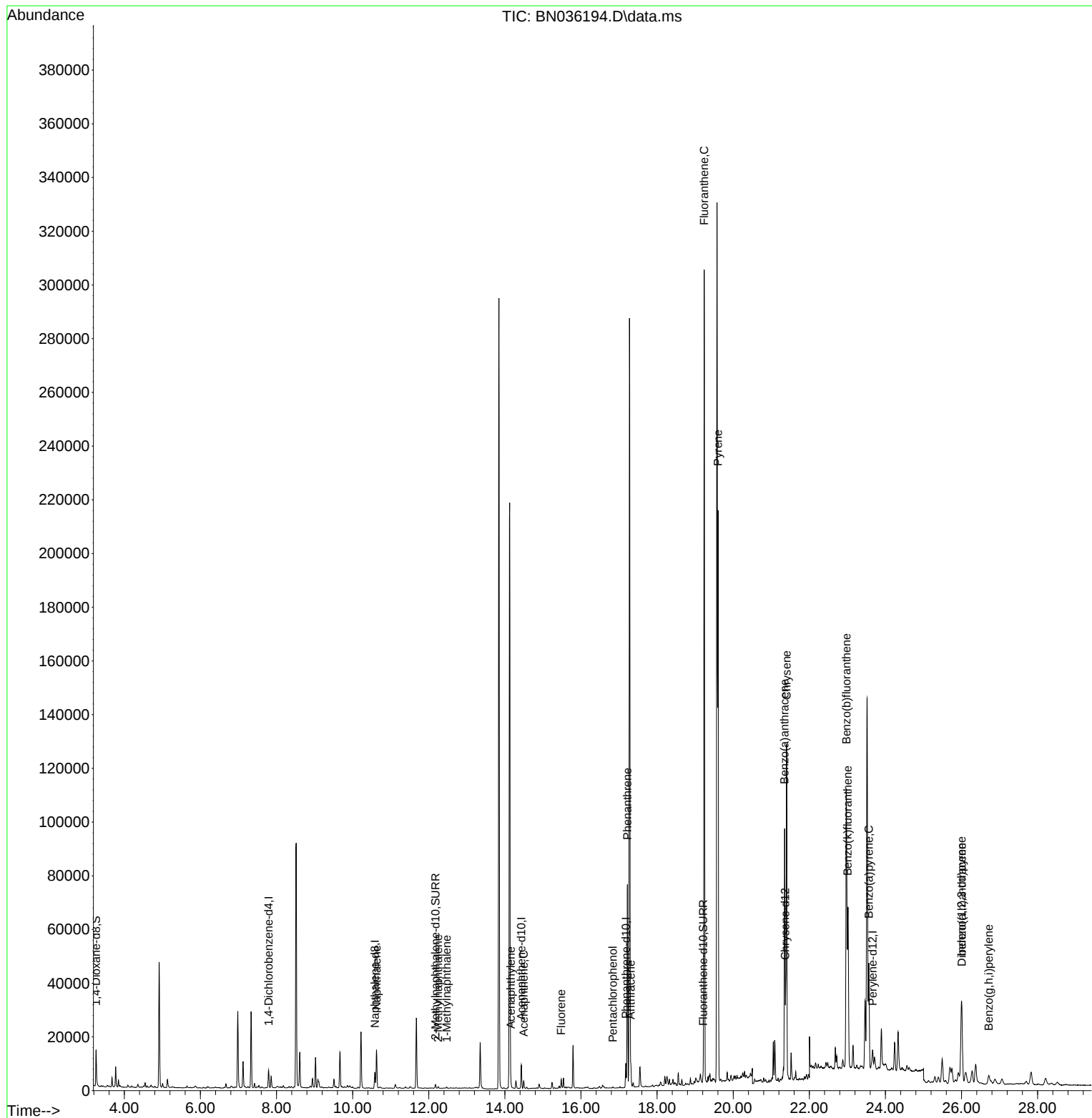
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036194.D
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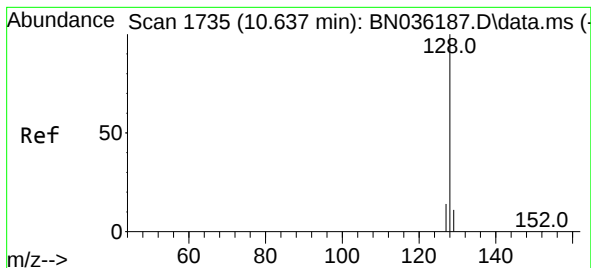
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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#5

Naphthalene

Concen: 0.053 ng/ul

RT: 10.633 min Scan# 1735

Delta R.T. -0.022 min

Lab File: BN036194.D

Acq: 01 Feb 2025 07:29

Instrument :

BNA_N

ClientSampleId :

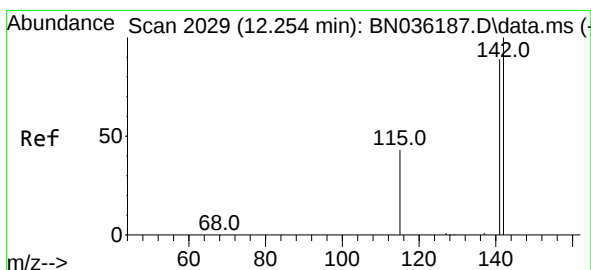
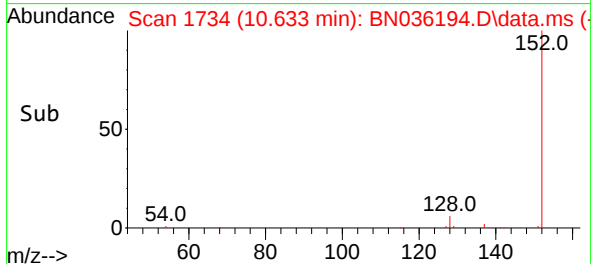
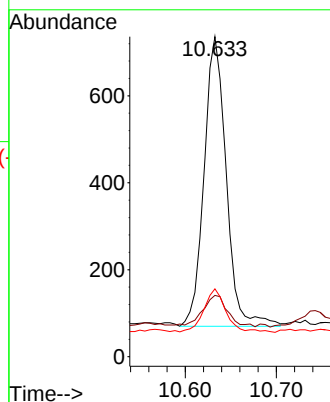
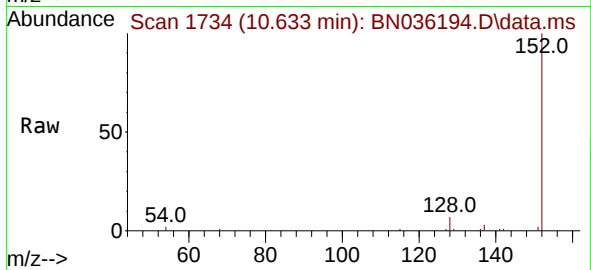
A6308

Tgt Ion:128	Resp:	112
Ion Ratio	Lower	Upper
128	100	
129	19.2	9.6 14.4
127	21.2	12.0 18.0

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#7

2-Methylnaphthalene

Concen: 0.031 ng/ul

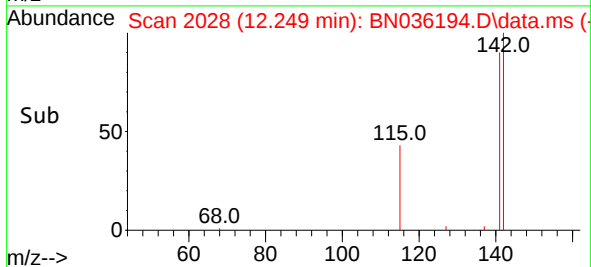
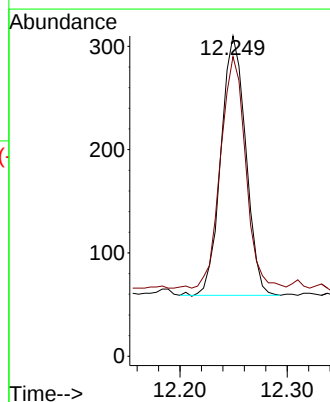
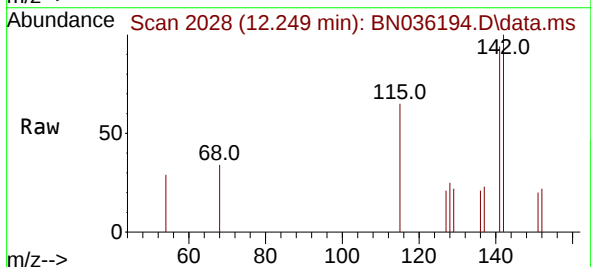
RT: 12.249 min Scan# 2028

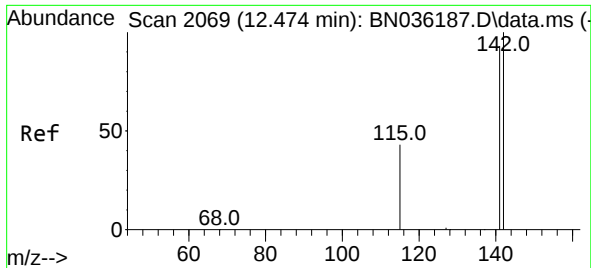
Delta R.T. -0.022 min

Lab File: BN036194.D

Acq: 01 Feb 2025 07:29

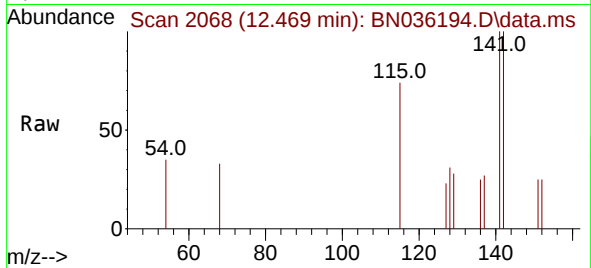
Tgt Ion:142	Resp:	403
Ion Ratio	Lower	Upper
142	100	
141	90.1	71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.469 min Scan# 2069
Delta R.T. -0.022 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29

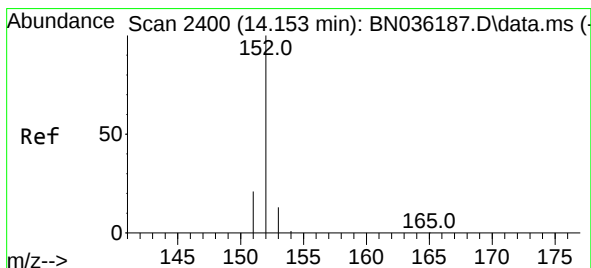
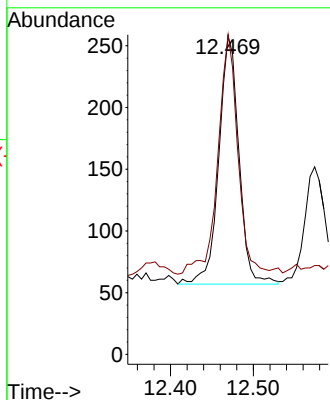
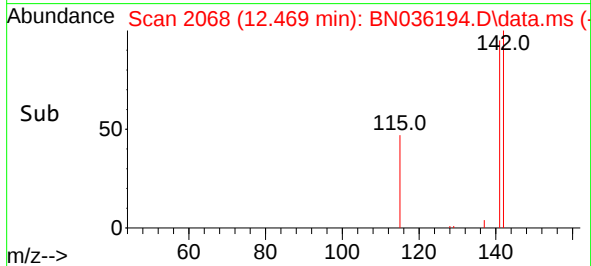
Instrument :
BNA_N
ClientSampleId :
A6308



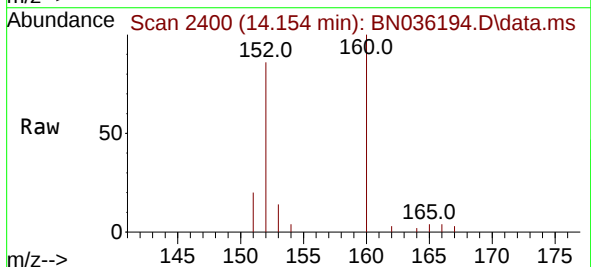
Tgt Ion:142 Resp: 339
Ion Ratio Lower Upper
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141 96.5 75.2 112.8

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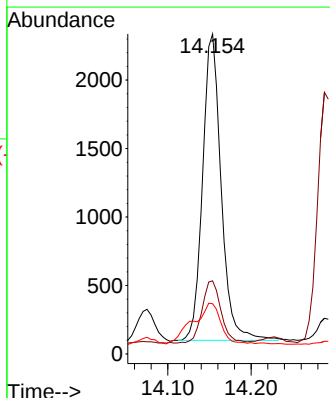
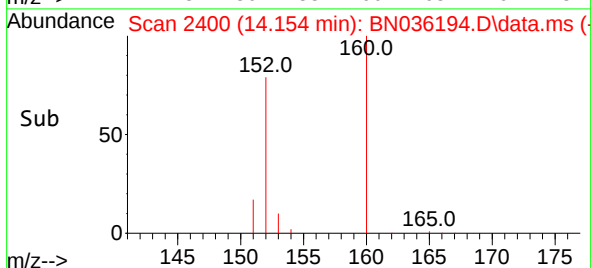
Reviewed By :Jagrut Upadhyay 02/03/2025
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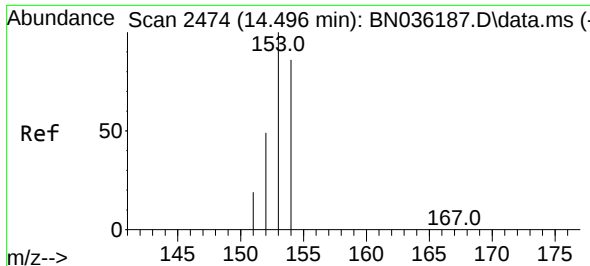


#10
Acenaphthylene
Concen: 0.154 ng/ul
RT: 14.154 min Scan# 2400
Delta R.T. -0.014 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29



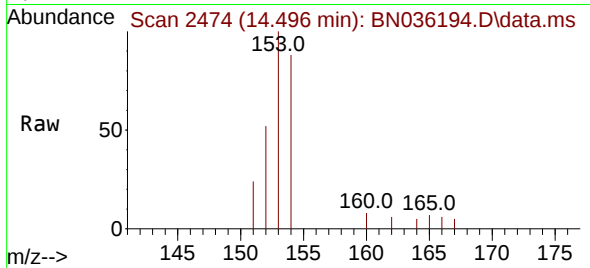
Tgt Ion:152 Resp: 3476
Ion Ratio Lower Upper
152 100
151 22.8 17.4 26.2
153 15.7 11.9 17.9





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.019 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29

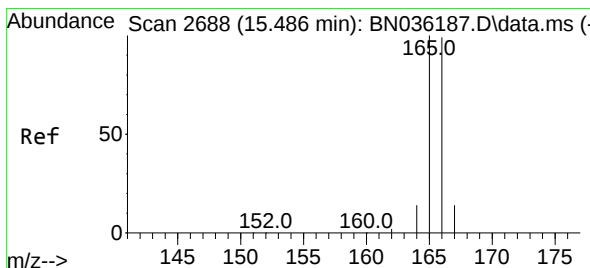
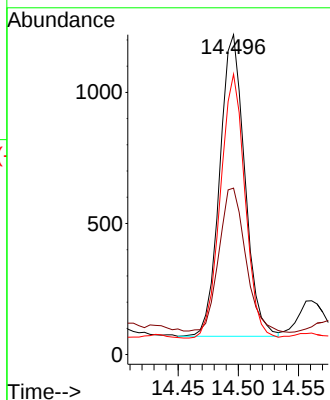
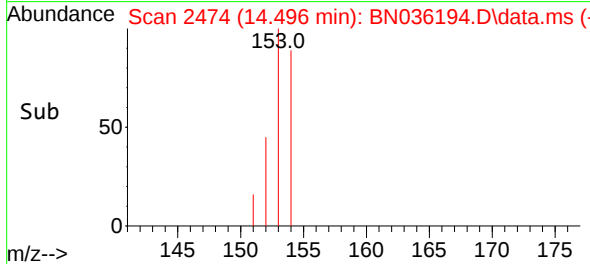
Instrument :
BNA_N
ClientSampleId :
A6308



Tgt Ion:153 Resp: 1660
Ion Ratio Lower Upper
153 100
152 52.0 43.2 64.8
154 87.6 70.5 105.7

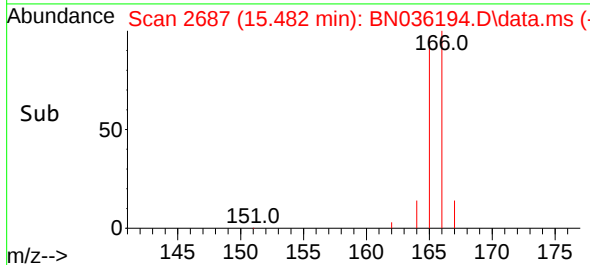
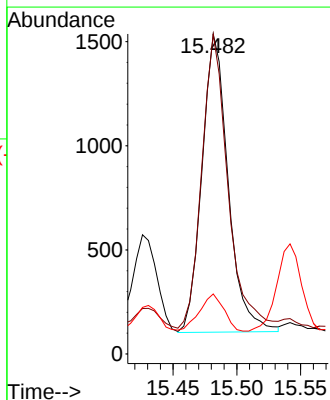
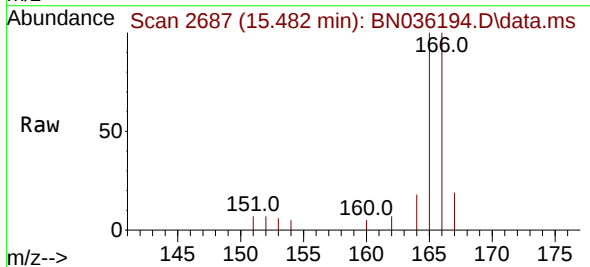
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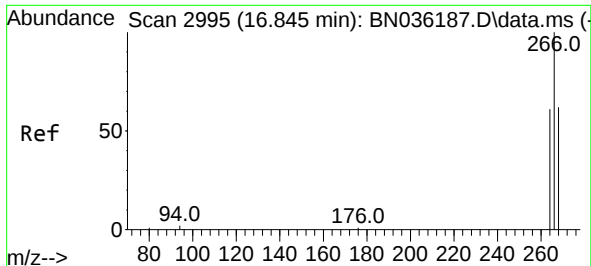
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025



#12
Fluorene
Concen: 0.112 ng/ul
RT: 15.482 min Scan# 2687
Delta R.T. -0.019 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29

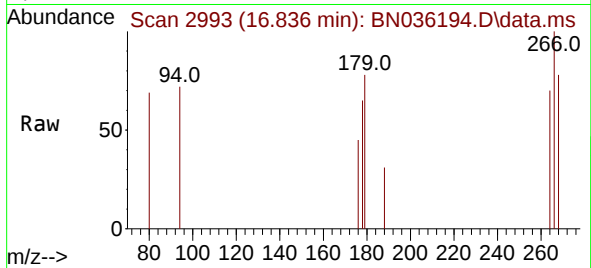
Tgt Ion:166 Resp: 2046
Ion Ratio Lower Upper
166 100
165 99.9 80.3 120.5
167 18.7 12.3 18.5#





#14
 Pentachlorophenol
 Concen: 0.072 ng/u1
 RT: 16.836 min Scan# 2993
 Delta R.T. -0.004 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29

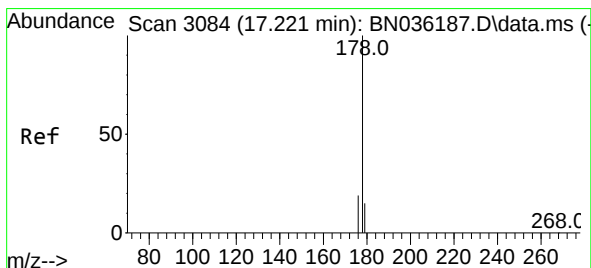
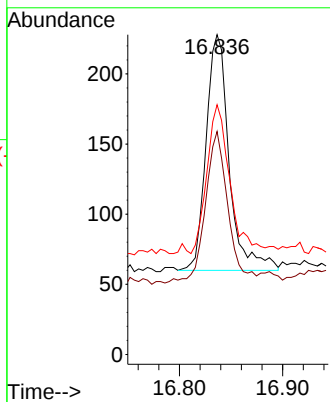
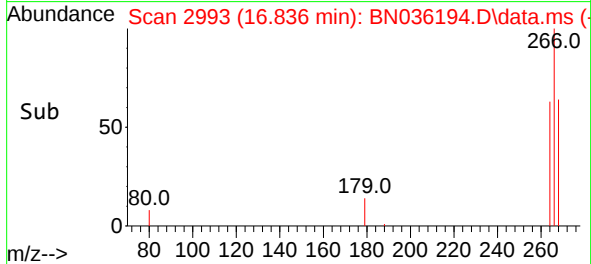
Instrument :
 BNA_N
 ClientSampleId :
 A6308



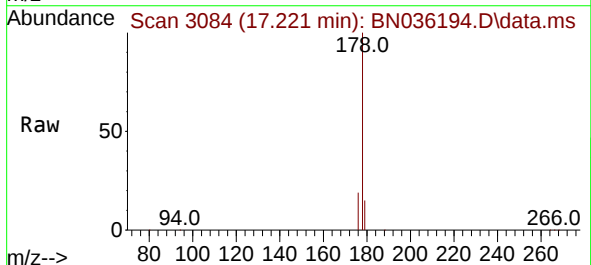
Tgt Ion:	266	Resp:	260
Ion Ratio	Lower	Upper	
266	100		
264	69.6	50.6	75.8
268	64.6	50.6	75.8

Manual Integrations
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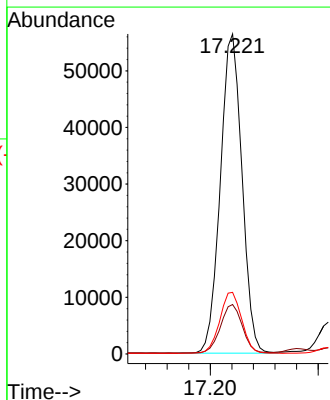
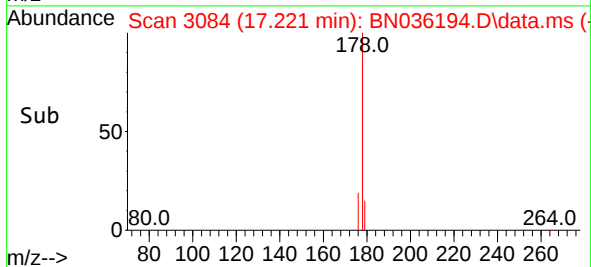
Reviewed By :Jagrut Upadhyay 02/03/2025
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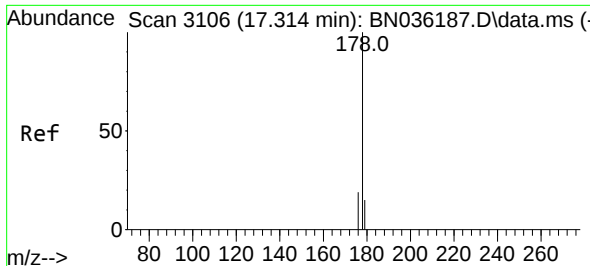


#15
 Phenanthrene
 Concen: 2.609 ng/u1
 RT: 17.221 min Scan# 3084
 Delta R.T. -0.013 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29



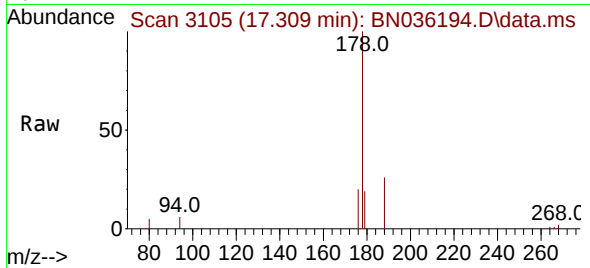
Tgt Ion:	178	Resp:	78571
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.2	19.8
176	19.3	16.8	25.2





#16
 Anthracene
 Concen: 0.268 ng/ul
 RT: 17.309 min Scan# 3106
 Delta R.T. -0.013 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29

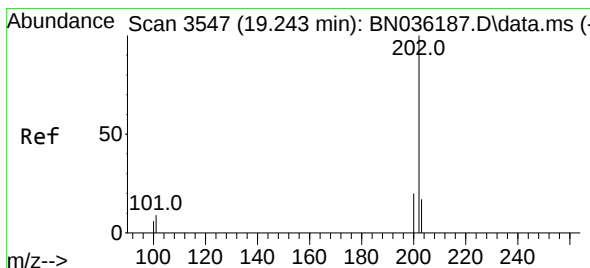
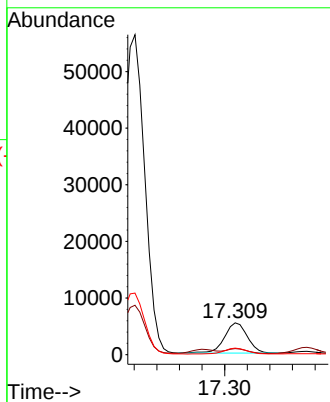
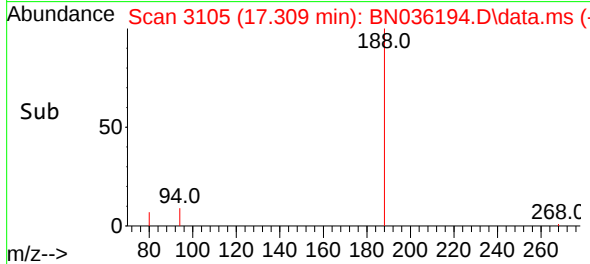
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 A6308



Tgt Ion:178 Resp: 7504
 Ion Ratio Lower Upper
 178 100
 179 19.1 13.0 19.4
 176 20.5 15.9 23.9

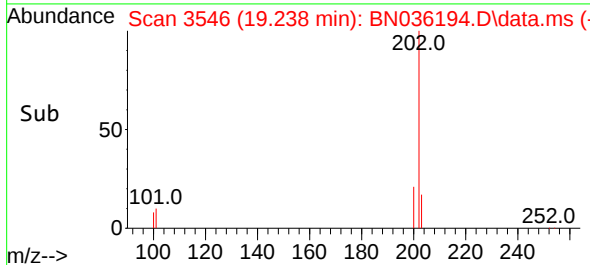
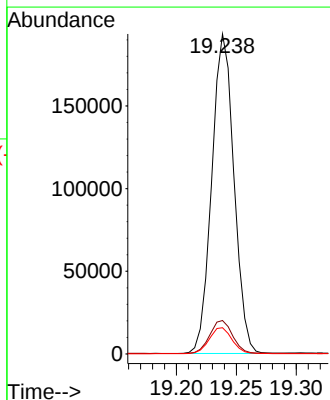
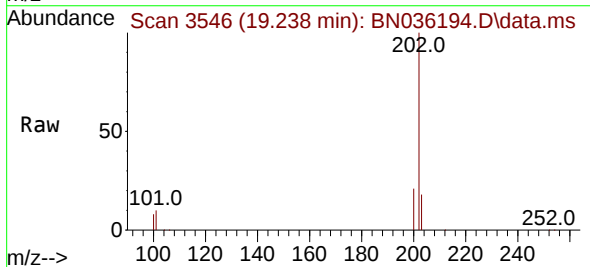
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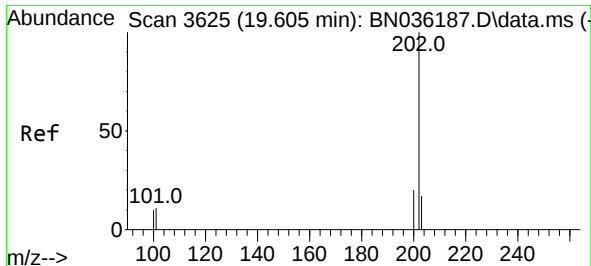
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025



#19
 Fluoranthene
 Concen: 6.445 ng/ul
 RT: 19.238 min Scan# 3546
 Delta R.T. -0.009 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29

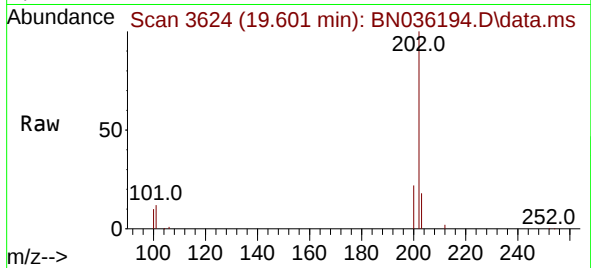
Tgt Ion:202 Resp: 248811
 Ion Ratio Lower Upper
 202 100
 101 10.5 8.4 12.6
 100 8.2 6.5 9.7





#20
Pyrene
Concen: 4.300 ng/u1
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29

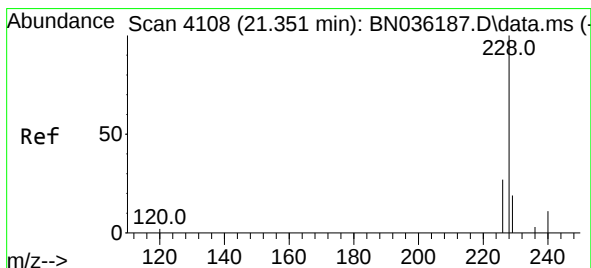
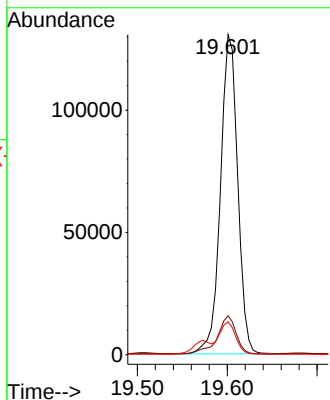
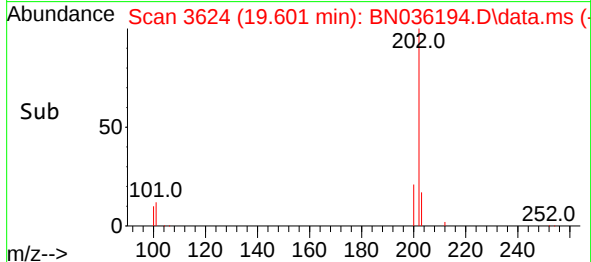
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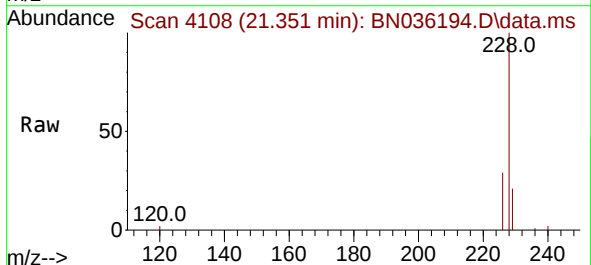
Tgt Ion:202 Resp: 17329
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.3 7.5 11.3

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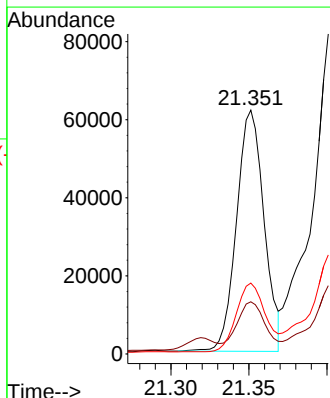
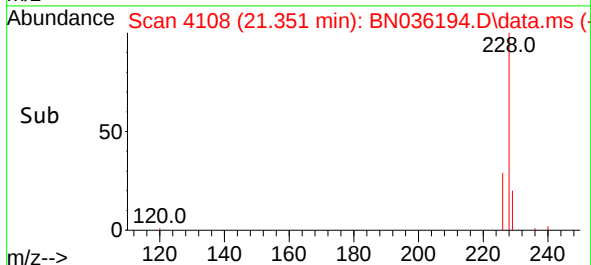
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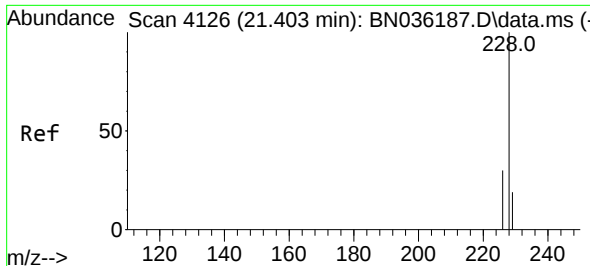


#21
Benzo(a)anthracene
Concen: 2.089 ng/u1
RT: 21.351 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29



Tgt Ion:228 Resp: 75743
Ion Ratio Lower Upper
228 100
229 21.4 15.9 23.9
226 29.1 22.8 34.2





#22

Chrysene

Concen: 3.345 ng/ul

RT: 21.404 min Scan# 4126

Delta R.T. -0.003 min

Lab File: BN036194.D

Acq: 01 Feb 2025 07:29

Instrument :

BNA_N

ClientSampleId :

A6308

Tgt Ion:228 Resp: 123900

Ion Ratio Lower Upper

228 100

226 30.9 24.4 36.6

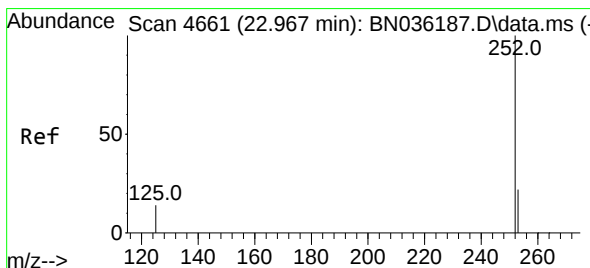
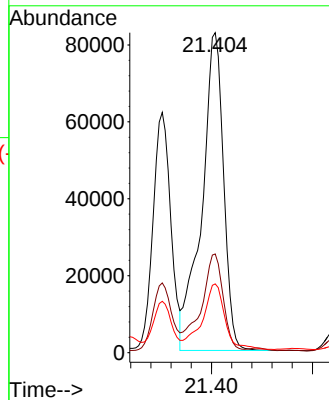
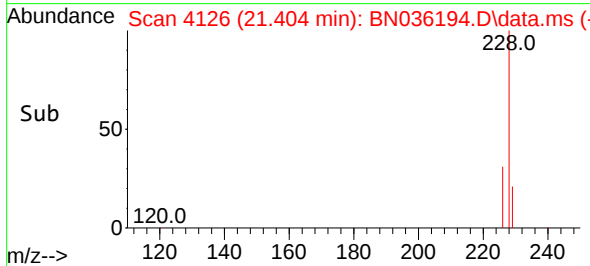
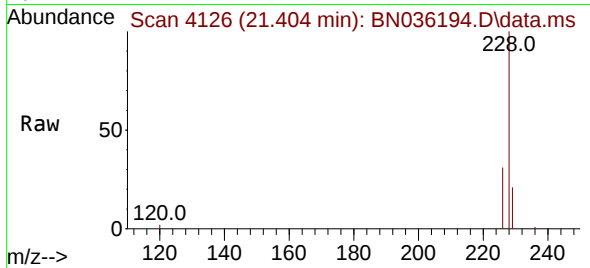
229 21.5 15.9 23.9

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 5.243 ng/ul m

RT: 22.973 min Scan# 4663

Delta R.T. 0.000 min

Lab File: BN036194.D

Acq: 01 Feb 2025 07:29

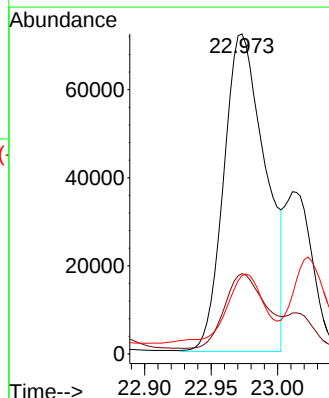
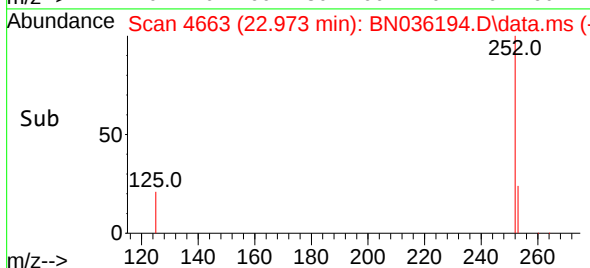
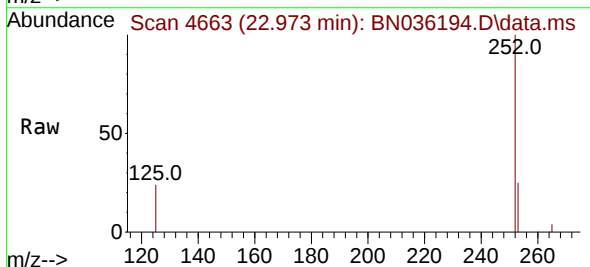
Tgt Ion:252 Resp: 157137

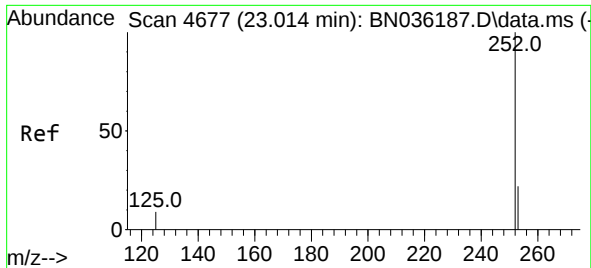
Ion Ratio Lower Upper

252 100

253 25.1 0.0 51.2

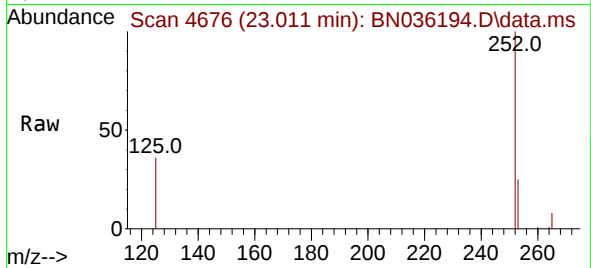
125 24.5 0.0 27.8





#25
Benzo(k)fluoranthene
Concen: 1.876 ng/ul m
RT: 23.011 min Scan# 4676
Delta R.T. -0.008 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29

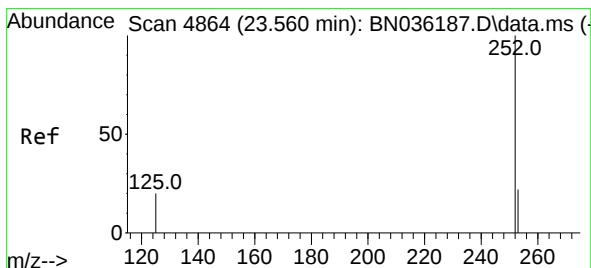
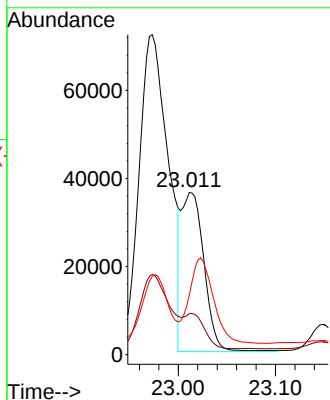
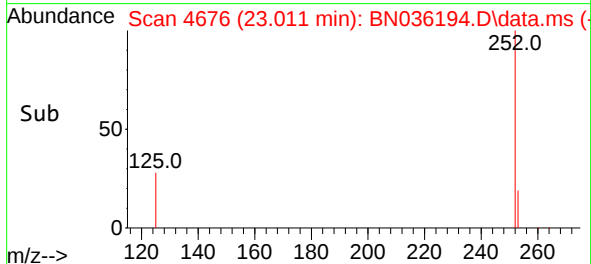
Instrument :
BNA_N
ClientSampleId :
A6308



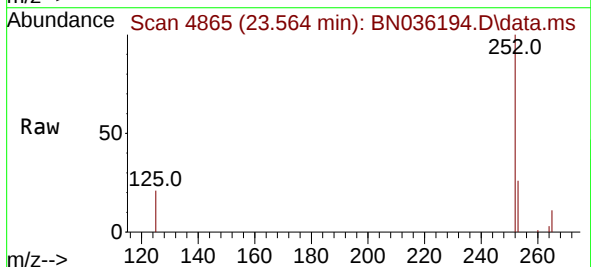
Tgt Ion:252 Resp: 59118
Ion Ratio Lower Upper
252 100
253 25.3 20.2 30.4
125 36.5 10.6 16.0

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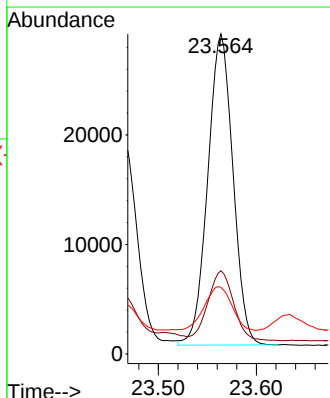
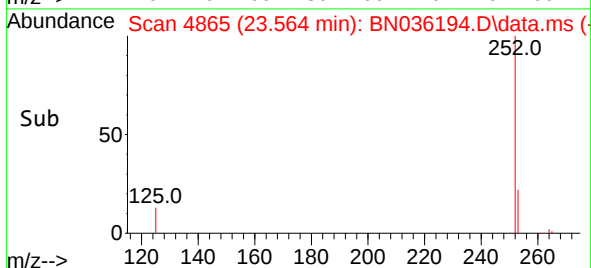
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

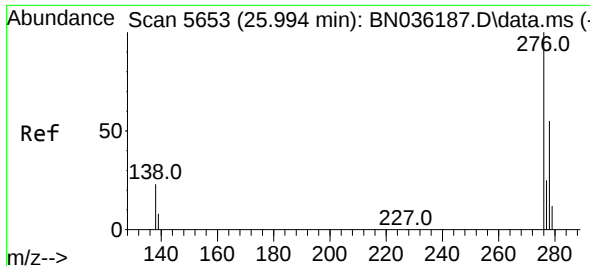


#26
Benzo(a)pyrene
Concen: 1.872 ng/ul
RT: 23.564 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN036194.D
Acq: 01 Feb 2025 07:29



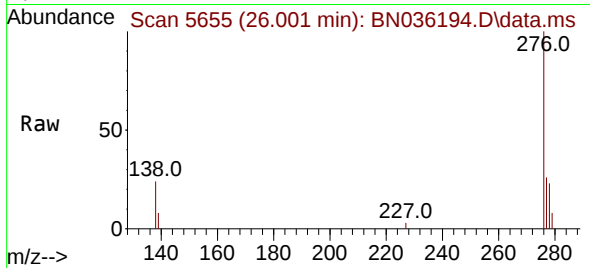
Tgt Ion:252 Resp: 50690
Ion Ratio Lower Upper
252 100
253 26.0 22.2 33.4
125 20.8 13.1 19.7





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.383 ng/ul
 RT: 26.001 min Scan# 5655
 Delta R.T. -0.003 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29

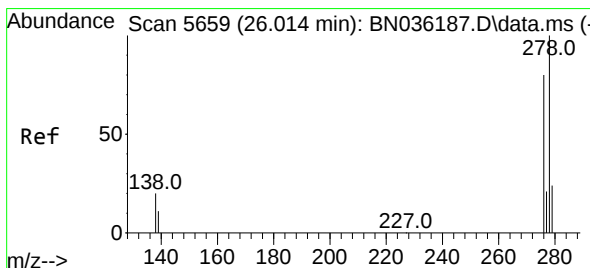
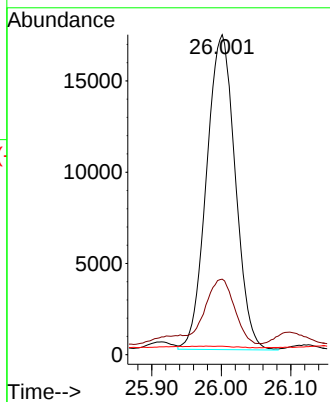
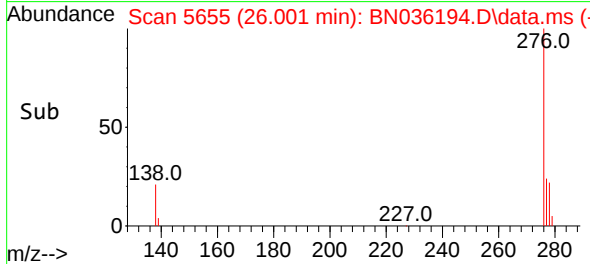
Instrument :
 BNA_N
 ClientSampleId :
 A6308



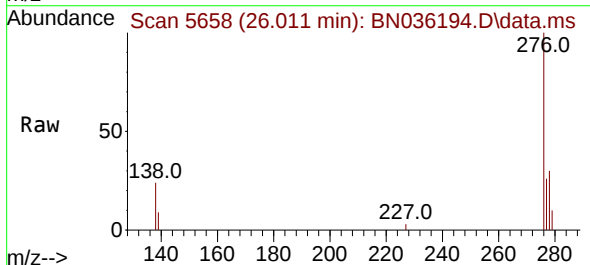
Tgt Ion:276 Resp: 4952
 Ion Ratio Lower Upper
 276 100
 138 21.5 20.2 30.4
 227 0.0 0.1 0.1

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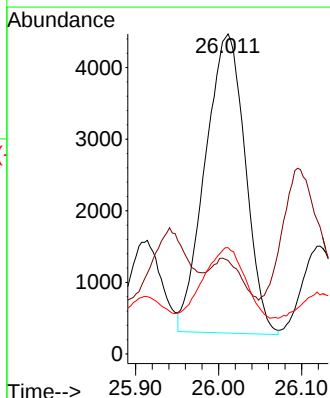
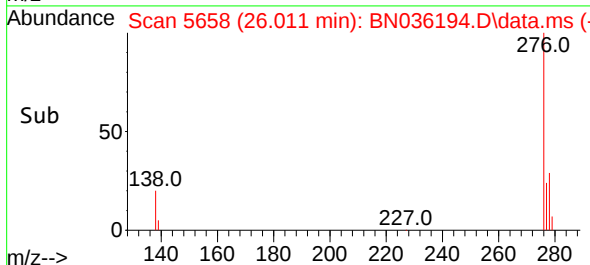
Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

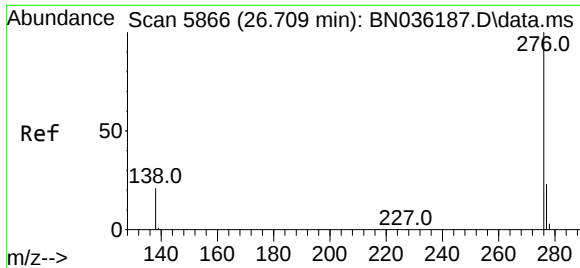


#28
 Dibenzo(a,h)anthracene
 Concen: 0.508 ng/ul
 RT: 26.011 min Scan# 5658
 Delta R.T. -0.010 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29



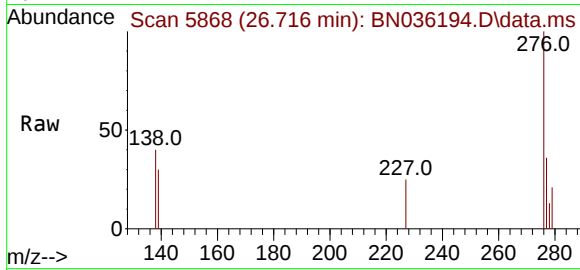
Tgt Ion:278 Resp: 14004
 Ion Ratio Lower Upper
 278 100
 139 29.2 15.4 23.2#
 279 33.2 22.2 33.4





#29
 Benzo(g,h,i)perylene
 Concen: 0.251 ng/ul
 RT: 26.716 min Scan# 5868
 Delta R.T. -0.003 min
 Lab File: BN036194.D
 Acq: 01 Feb 2025 07:29

Instrument :
 BNA_N
 ClientSampleId :
 A6308



Tgt Ion: 276 Resp: 6970

Ion	Ratio	Lower	Upper
276	100		
138	39.7	19.4	29.0
277	35.7	21.1	31.7

Manual Integrations
 APPROVED

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

