

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032394.D
 Acq On : 02 Jul 2024 11:10
 Operator : MA/JU
 Sample : P2871-23
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B54

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 13:01:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7757	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.382	136	22466	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	12904	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.007	188	33000m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.214	240	19598m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	25184m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	37144	4.308	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9041	0.268	ng/ul	-0.02
18) Fluoranthene-d10	19.045	212	19577m	0.332	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.431	128	72925	1.227	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	25431	0.645	ng/ul	99
8) 1-Methylnaphthalene	12.274	142	20790	0.509	ng/ul	99
10) Acenaphthylene	13.971	152	23833	0.444	ng/ul#	94
11) Acenaphthene	14.313	153	80943	1.943	ng/ul	98
12) Fluorene	15.308	166	116639	2.350	ng/ul	98
15) Phenanthrene	17.050	178	1559211m	17.234	ng/ul	
16) Anthracene	17.138	178	430789m	5.338	ng/ul	
19) Fluoranthene	19.073	202	1873427m	25.104	ng/ul	
20) Pyrene	19.440	202	1302856m	16.706	ng/ul	
21) Benzo(a)anthracene	21.197	228	843800m	11.929	ng/ul	
22) Chrysene	21.249	228	738496m	9.512	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	889043m	8.125	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	354093m	3.331	ng/ul	
26) Benzo(a)pyrene	23.333	252	383611m	5.039	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.660	276	321594m	2.698	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	120177m	1.357	ng/ul	
29) Benzo(g,h,i)perylene	26.347	276	45931m	0.484	ng/ul	

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

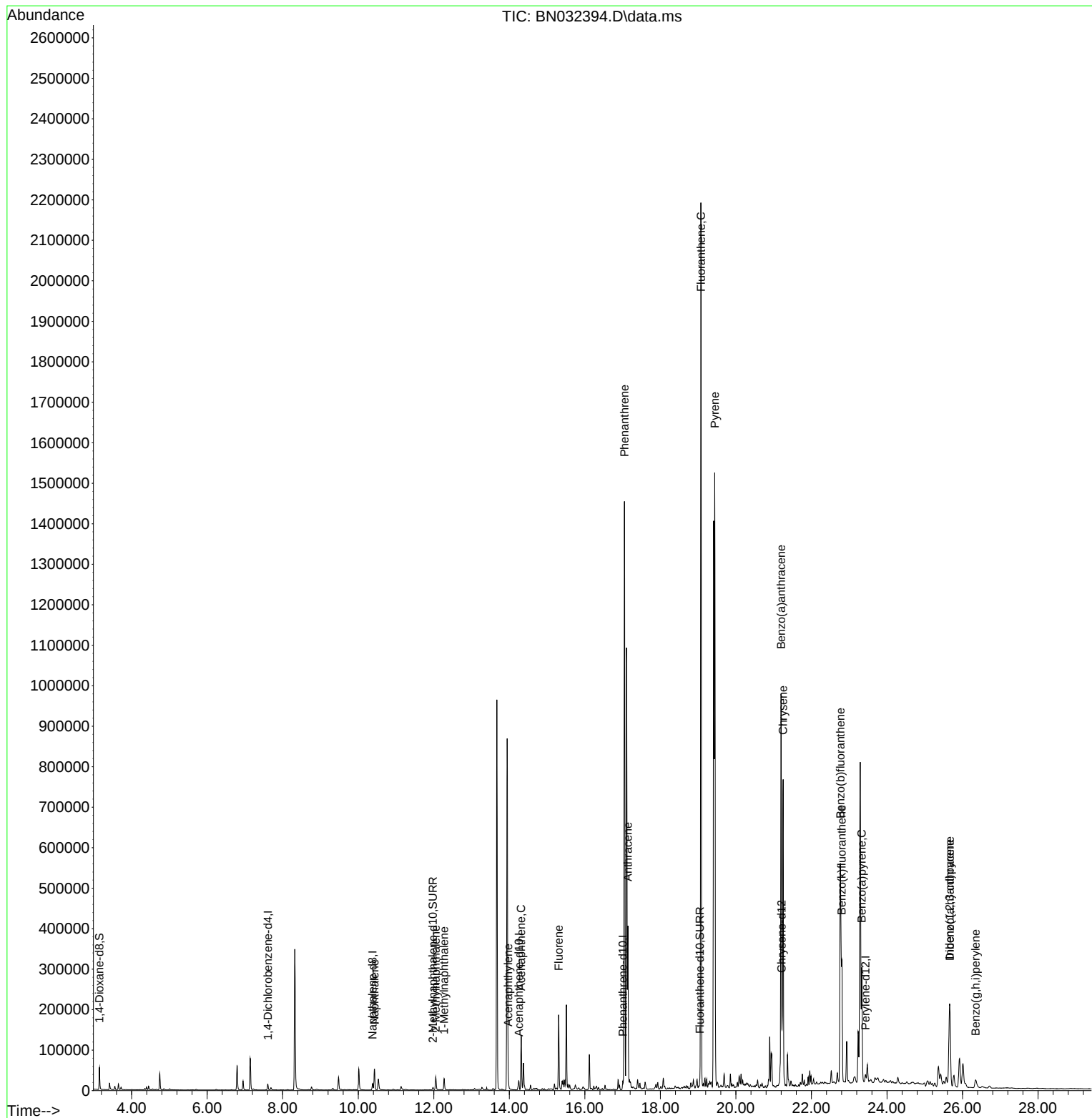
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032394.D
Acq On : 02 Jul 2024 11:10
Operator : MA/JU
Sample : P2871-23
Misc :
ALS Vial : 40 Sample Multiplier: 1

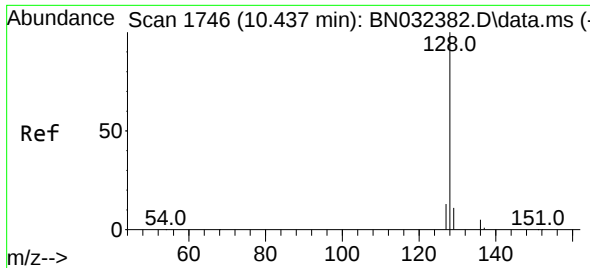
Instrument :
BNA_N
ClientSampleId :
A4B54

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

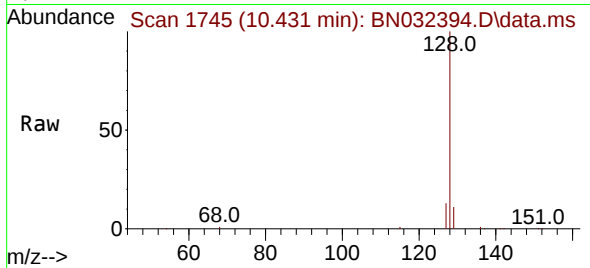
Quant Time: Jul 02 13:01:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.227 ng/ul
RT: 10.431 min Scan# 1745
Delta R.T. -0.017 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

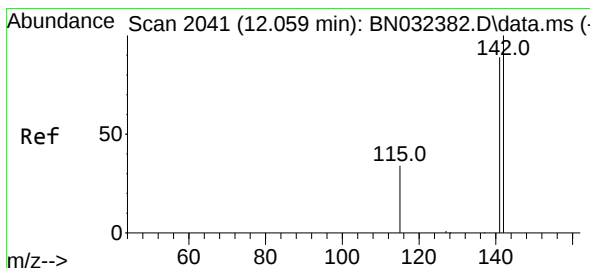
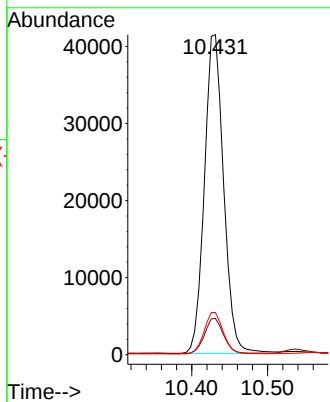
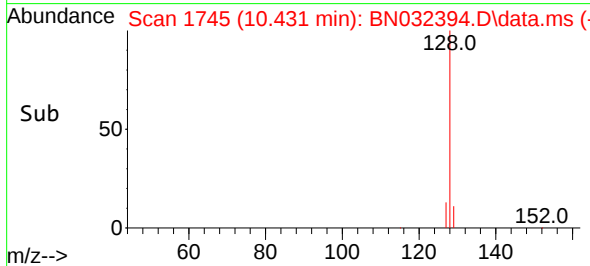
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:128 Resp: 72925
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.2 10.8 16.2

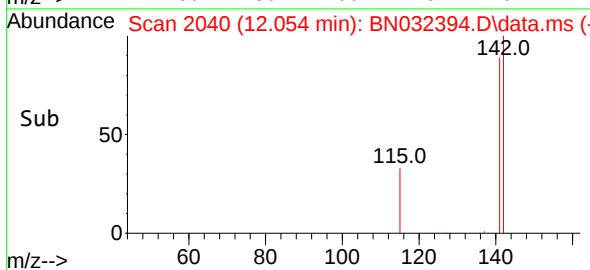
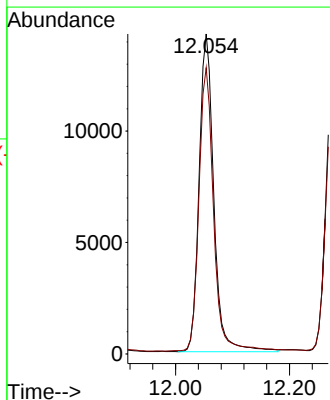
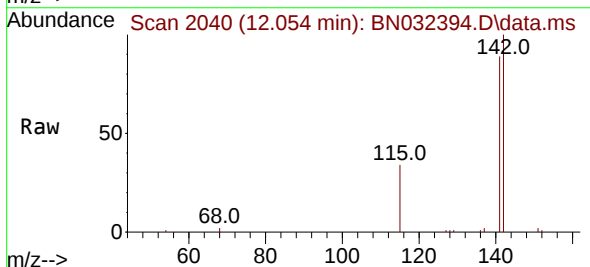
Manual Integrations
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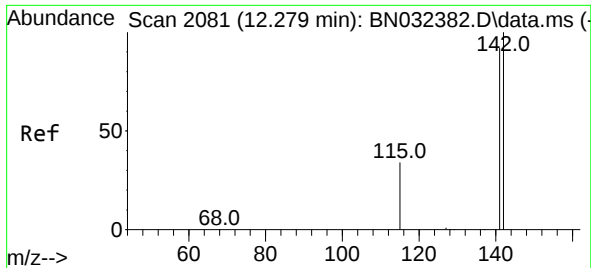
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.645 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. -0.022 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

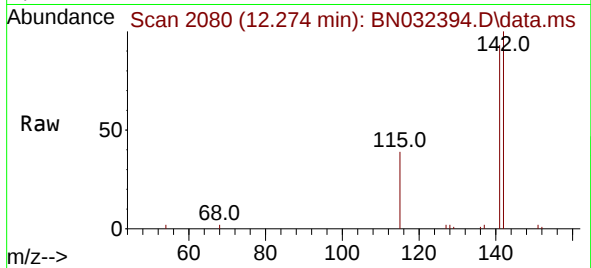
Tgt Ion:142 Resp: 25431
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.509 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. -0.022 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

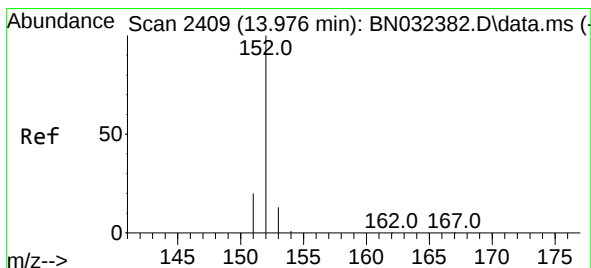
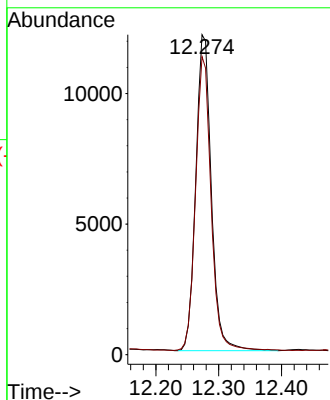
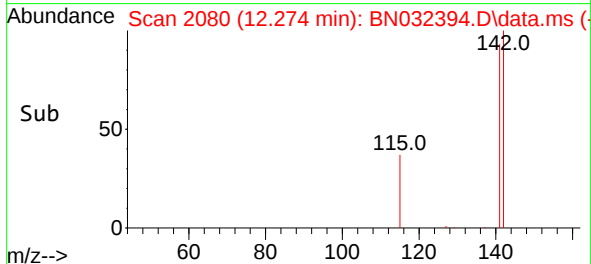
Instrument :
BNA_N
ClientSampleId :
A4B54



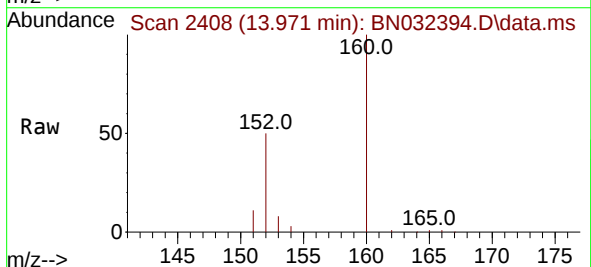
Tgt Ion:142 Resp: 20790
Ion Ratio Lower Upper
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141 92.5 73.4 110.0

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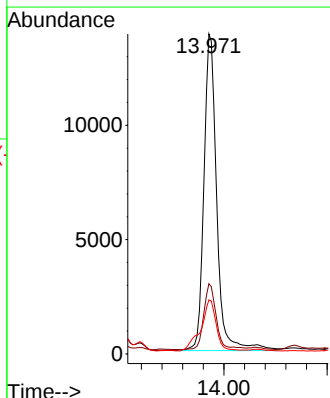
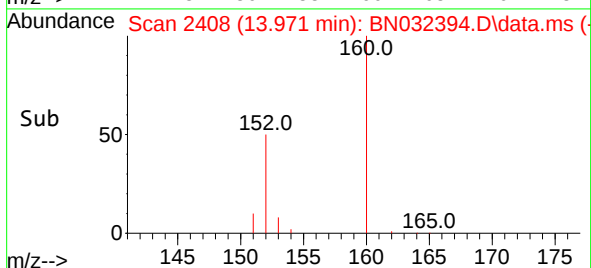
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

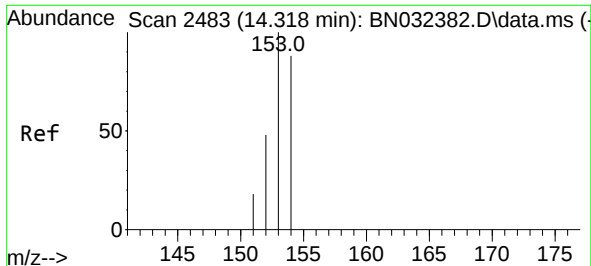


#10
Acenaphthylene
Concen: 0.444 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10



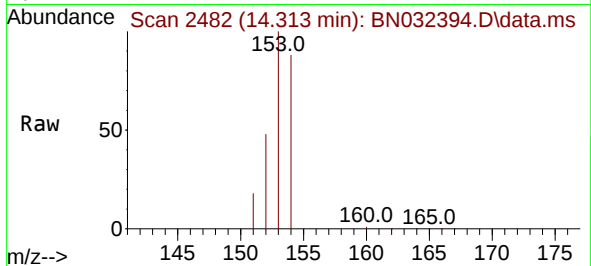
Tgt Ion:152 Resp: 23833
Ion Ratio Lower Upper
152 100
151 22.0 15.7 23.5
153 16.9 10.9 16.3#





#11
Acenaphthene
Concen: 1.943 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

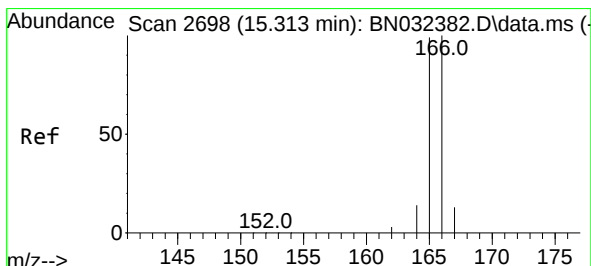
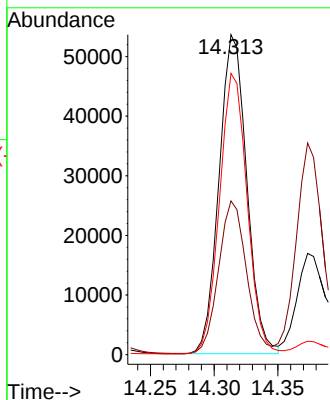
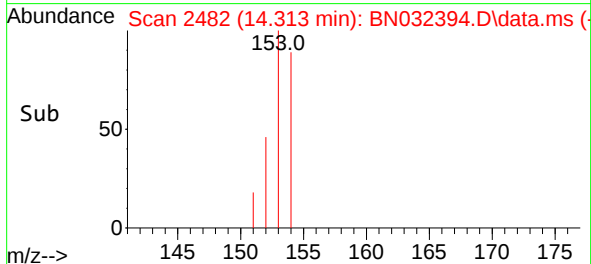
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:153 Resp: 8094
Ion Ratio Lower Upper
153 100
152 48.0 39.5 59.3
154 87.9 71.7 107.5

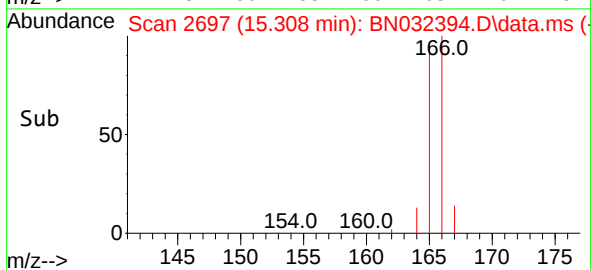
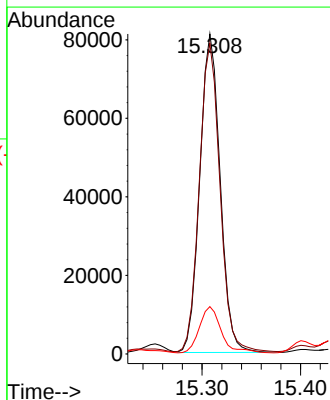
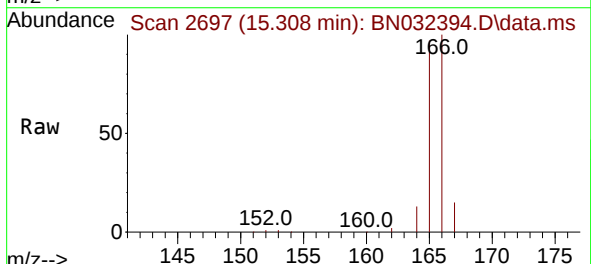
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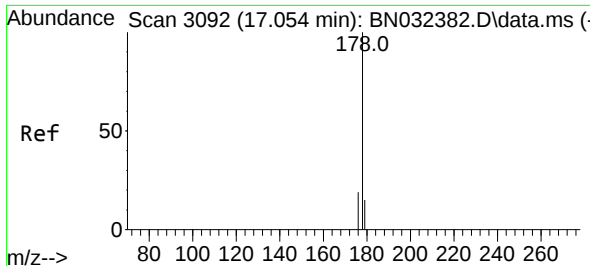
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 2.350 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.019 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

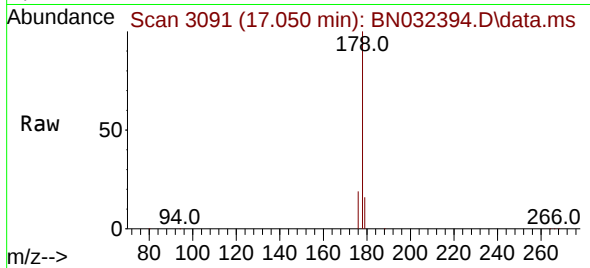
Tgt Ion:166 Resp: 116639
Ion Ratio Lower Upper
166 100
165 97.1 79.0 118.6
167 14.8 11.0 16.6





#15
Phenanthrene
Concen: 17.234 ng/ul m
RT: 17.050 min Scan# 3091
Delta R.T. -0.017 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

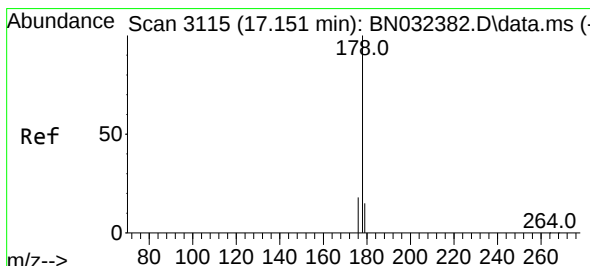
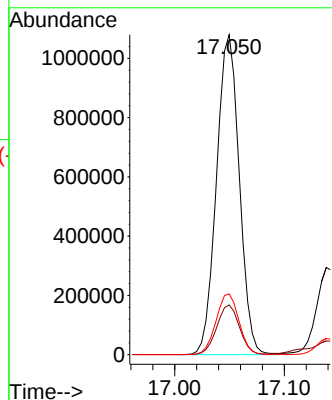
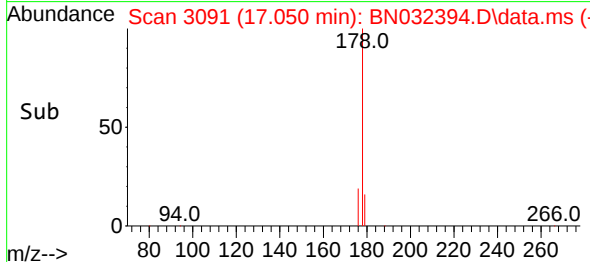
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:178 Resp: 155921
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.0 15.6 23.4

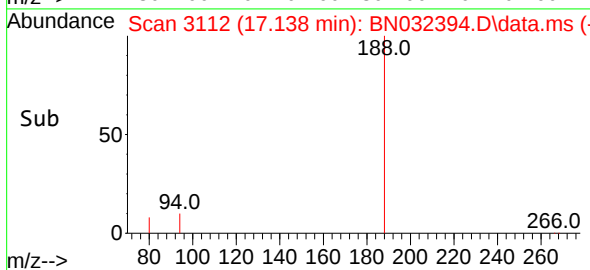
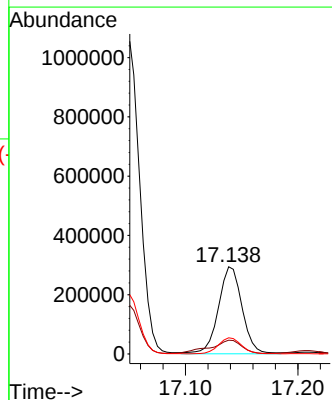
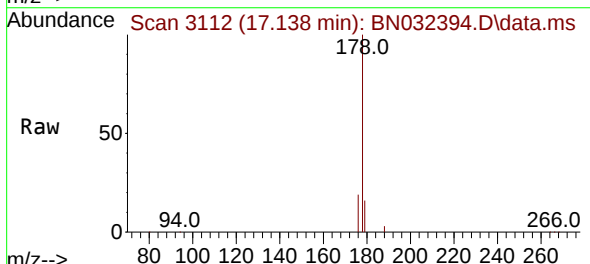
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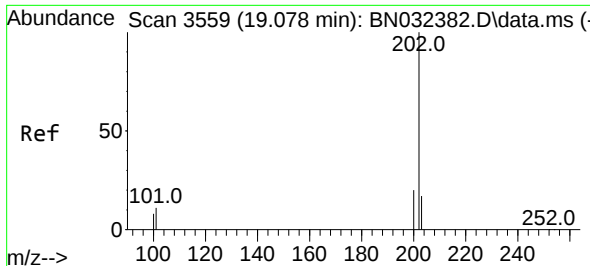
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 5.338 ng/ul m
RT: 17.138 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

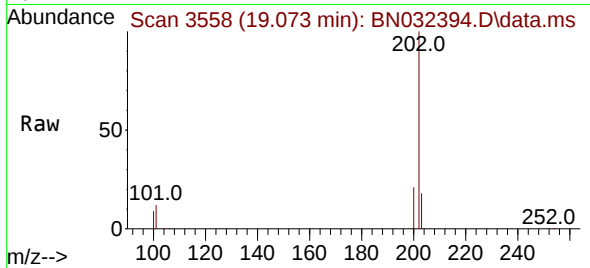
Tgt Ion:178 Resp: 430789
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 18.6 15.0 22.6





#19
Fluoranthene
Concen: 25.104 ng/ul m
RT: 19.073 min Scan# 3559
Delta R.T. -0.019 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

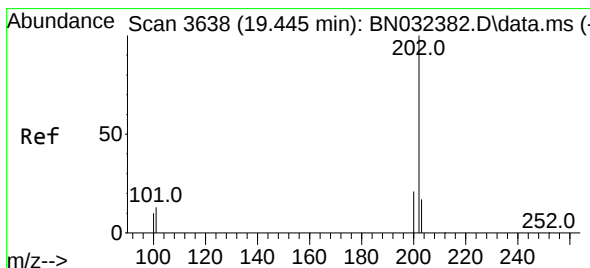
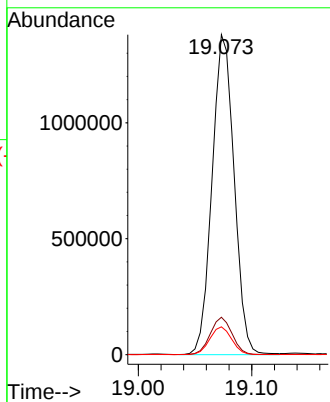
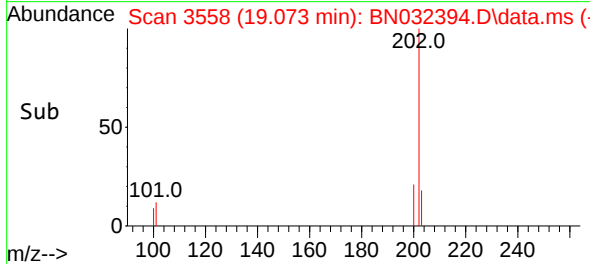
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:202 Resp: 187342
Ion Ratio Lower Upper
202 100
101 11.7 8.8 13.2
100 8.7 6.4 9.6

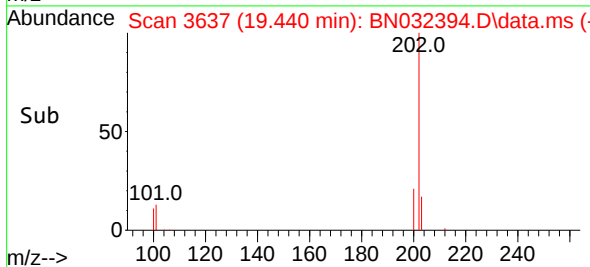
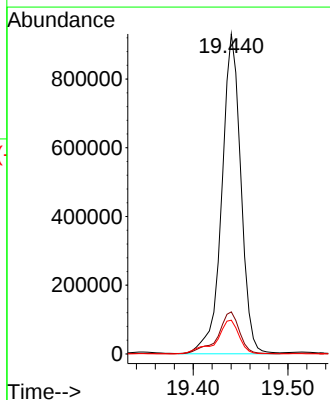
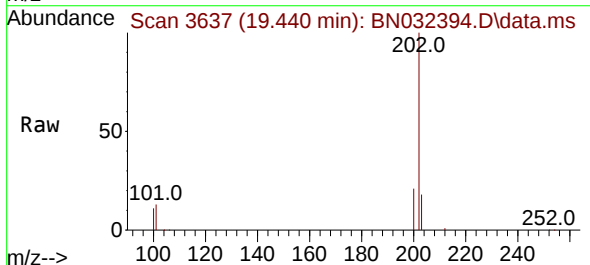
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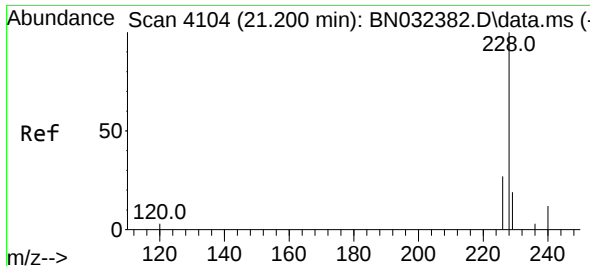
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#20
Pyrene
Concen: 16.706 ng/ul m
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

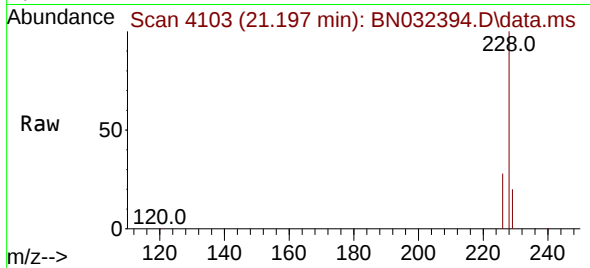
Tgt Ion:202 Resp: 1302856
Ion Ratio Lower Upper
202 100
101 13.1 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 11.929 ng/ul m
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

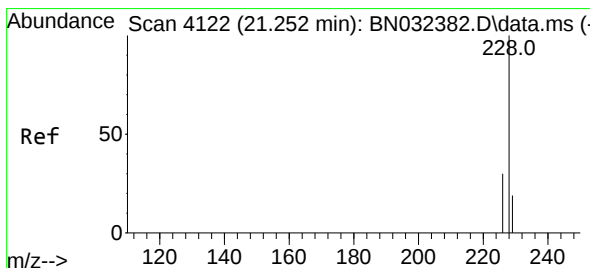
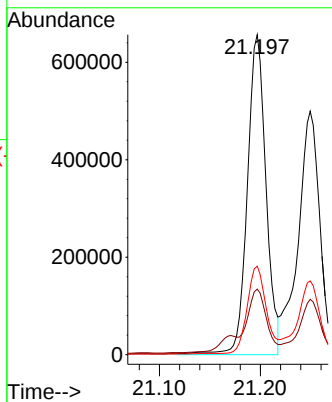
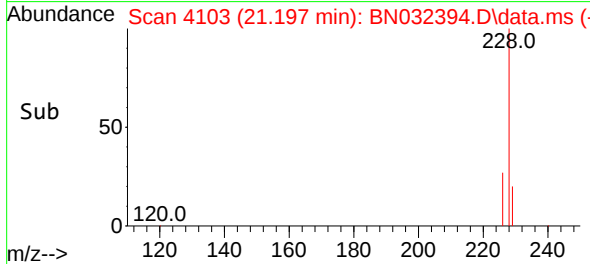
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:228 Resp: 843800
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 27.7 21.8 32.8

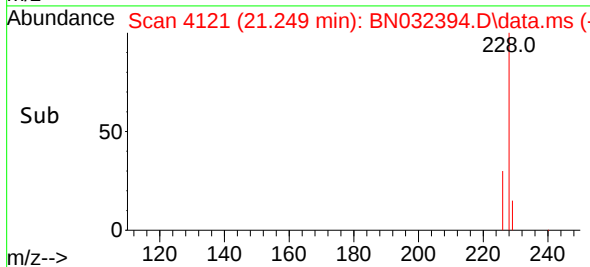
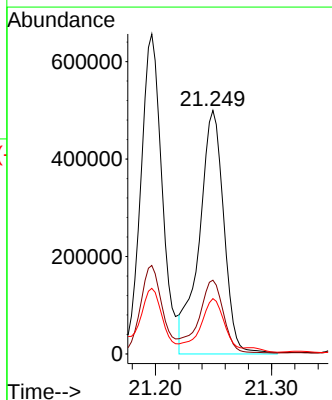
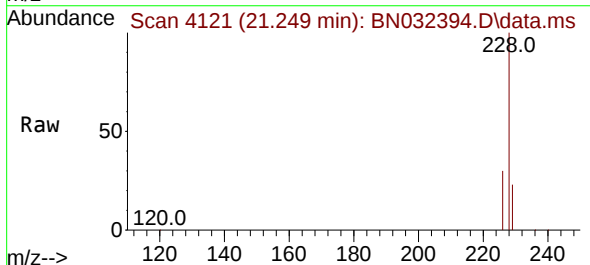
Manual Integrations
APPROVED

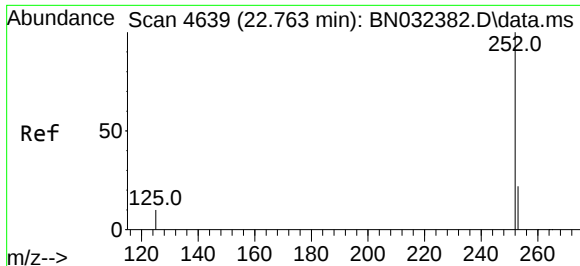
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#22
Chrysene
Concen: 9.512 ng/ul m
RT: 21.249 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

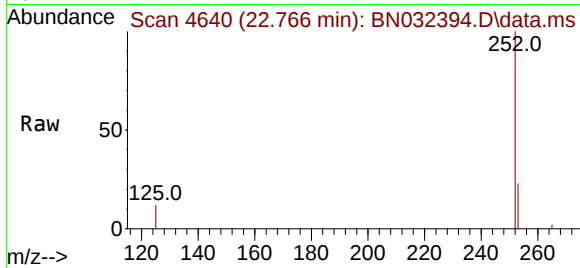
Tgt Ion:228 Resp: 738496
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.125 ng/ul m
RT: 22.766 min Scan# 4639
Delta R.T. -0.018 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

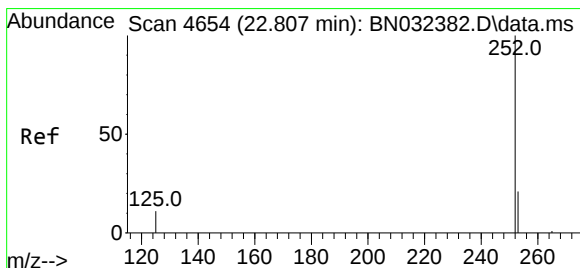
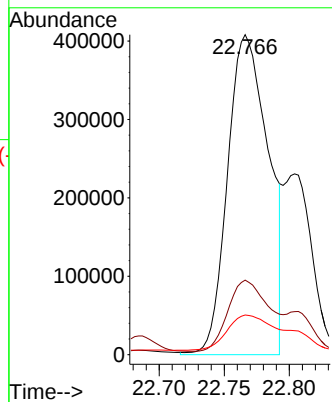
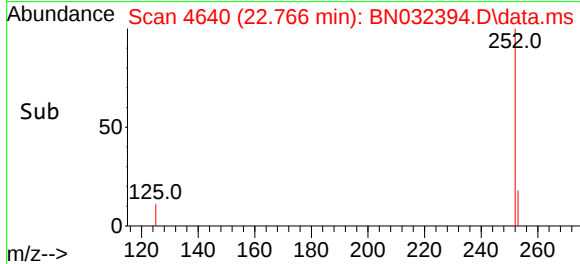
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:252 Resp: 88904
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 12.4 0.0 32.0

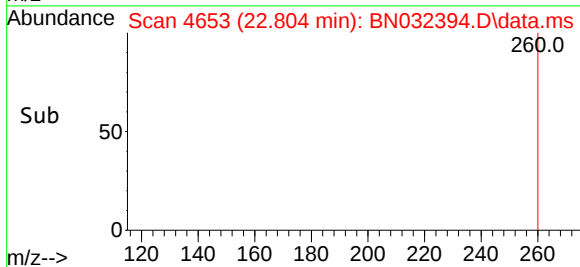
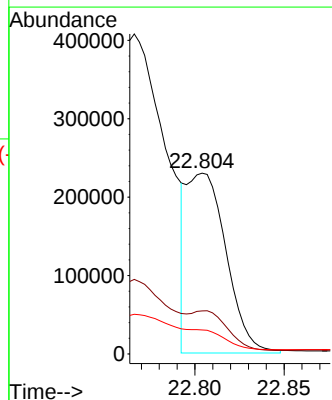
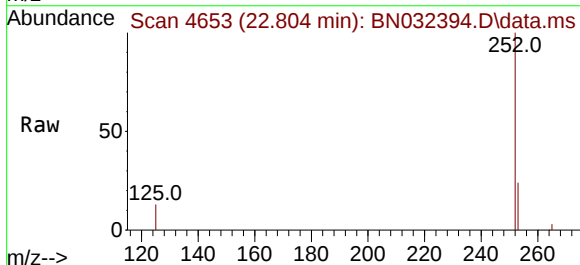
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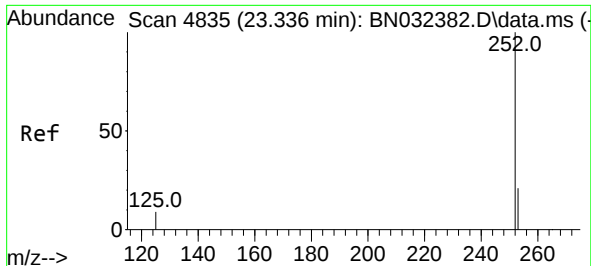
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#25
Benzo(k)fluoranthene
Concen: 3.331 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. -0.024 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

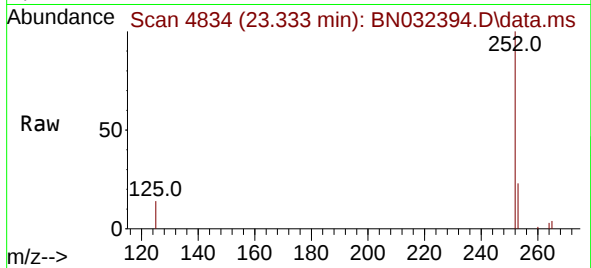
Tgt Ion:252 Resp: 354093
Ion Ratio Lower Upper
252 100
253 23.8 20.3 30.5
125 13.3 12.8 19.2





#26
Benzo(a)pyrene
Concen: 5.039 ng/ul m
RT: 23.333 min Scan# 4835
Delta R.T. -0.026 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

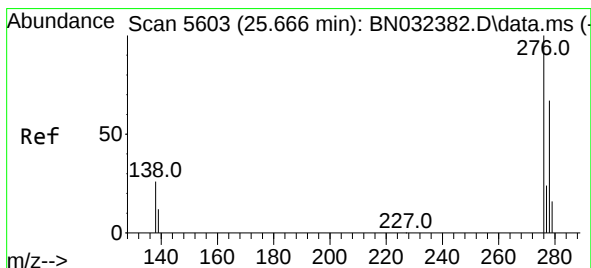
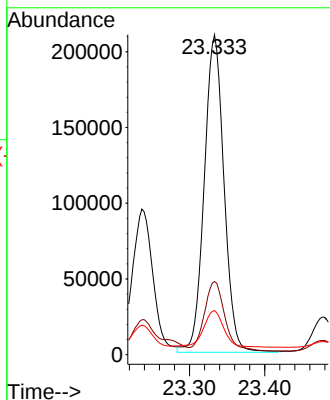
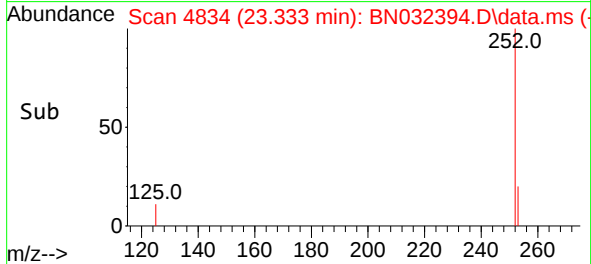
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:252 Resp: 38361
Ion Ratio Lower Upper
252 100
253 22.9 22.2 33.2
125 13.8 16.4 24.6

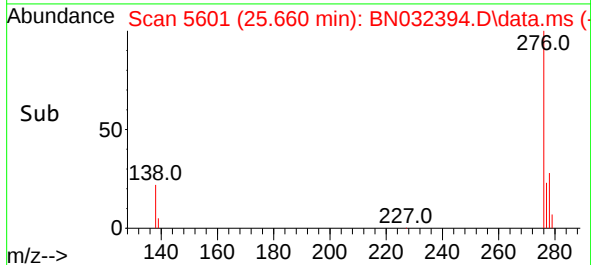
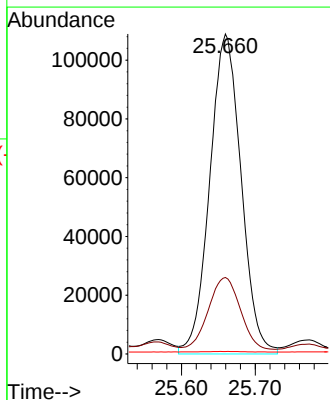
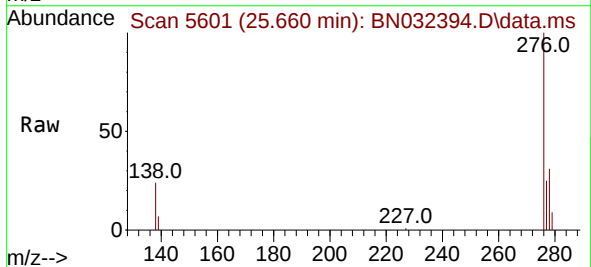
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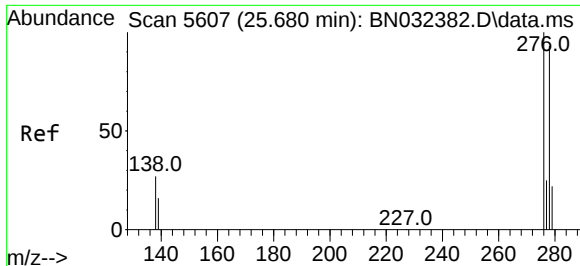
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.698 ng/ul m
RT: 25.660 min Scan# 5601
Delta R.T. -0.040 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

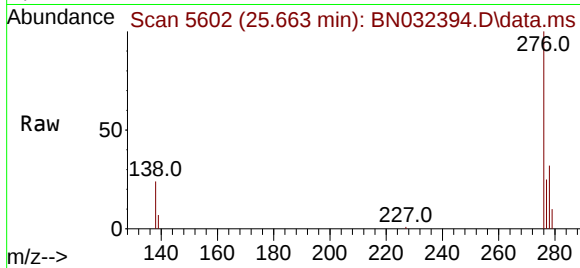
Tgt Ion:276 Resp: 321594
Ion Ratio Lower Upper
276 100
138 4.9 21.3 31.9#
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.357 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

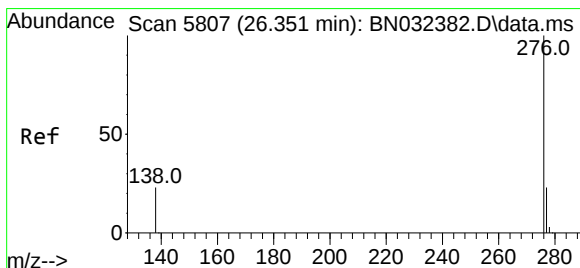
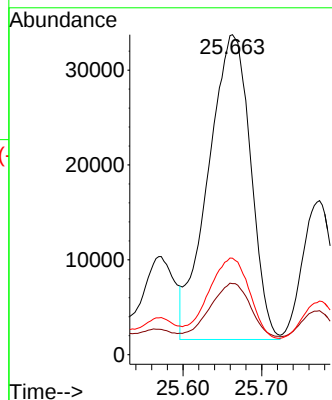
Instrument :
BNA_N
ClientSampleId :
A4B54



Tgt Ion:278 Resp: 12017
Ion Ratio Lower Upper
278 100
139 22.2 15.9 23.9
279 30.2 21.1 31.7

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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.484 ng/ul m
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032394.D
Acq: 02 Jul 2024 11:10

Tgt Ion:276 Resp: 45931
Ion Ratio Lower Upper
276 100
138 30.5 19.8 29.6#
277 30.2 19.8 29.6#

