

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032390.D
 Acq On : 02 Jul 2024 08:45
 Operator : MA/JU
 Sample : P2871-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN4

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 09:12:31 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	7.603	152	8819	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.382	136	28699	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.253	164	16813	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.008	188	30369m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.212	240	18578m	0.400	ng/ul	-0.01
23) Perylene-d12	23.430	264	20844m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	33324	3.399	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.977	152	10924	0.254	ng/ul	-0.02
18) Fluoranthene-d10	19.041	212	16986	0.304	ng/ul	-0.02
Target Compounds					Qvalue	
5) Naphthalene	10.431	128	16923	0.223	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	5358	0.106	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	3445	0.066	ng/ul	100
10) Acenaphthylene	13.971	152	17625	0.252	ng/ul	97
11) Acenaphthene	14.313	153	11525	0.212	ng/ul	98
12) Fluorene	15.308	166	12976	0.201	ng/ul#	98
15) Phenanthrene	17.046	178	276985m	3.327	ng/ul	
16) Anthracene	17.139	178	51338m	0.691	ng/ul	
19) Fluoranthene	19.073	202	551927	7.802	ng/ul	99
20) Pyrene	19.440	202	381982	5.167	ng/ul	98
21) Benzo(a)anthracene	21.197	228	214034	3.192	ng/ul	97
22) Chrysene	21.250	228	246930	3.355	ng/ul	97
24) Benzo(b)fluoranthene	22.763	252	353152m	3.900	ng/ul	
25) Benzo(k)fluoranthene	22.801	252	129232m	1.469	ng/ul	
26) Benzo(a)pyrene	23.333	252	134628	2.137	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.663	276	140154	1.421	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.663	278	43992	0.600	ng/ul#	86
29) Benzo(g,h,i)perylene	26.347	276	21734	0.277	ng/ul#	82

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

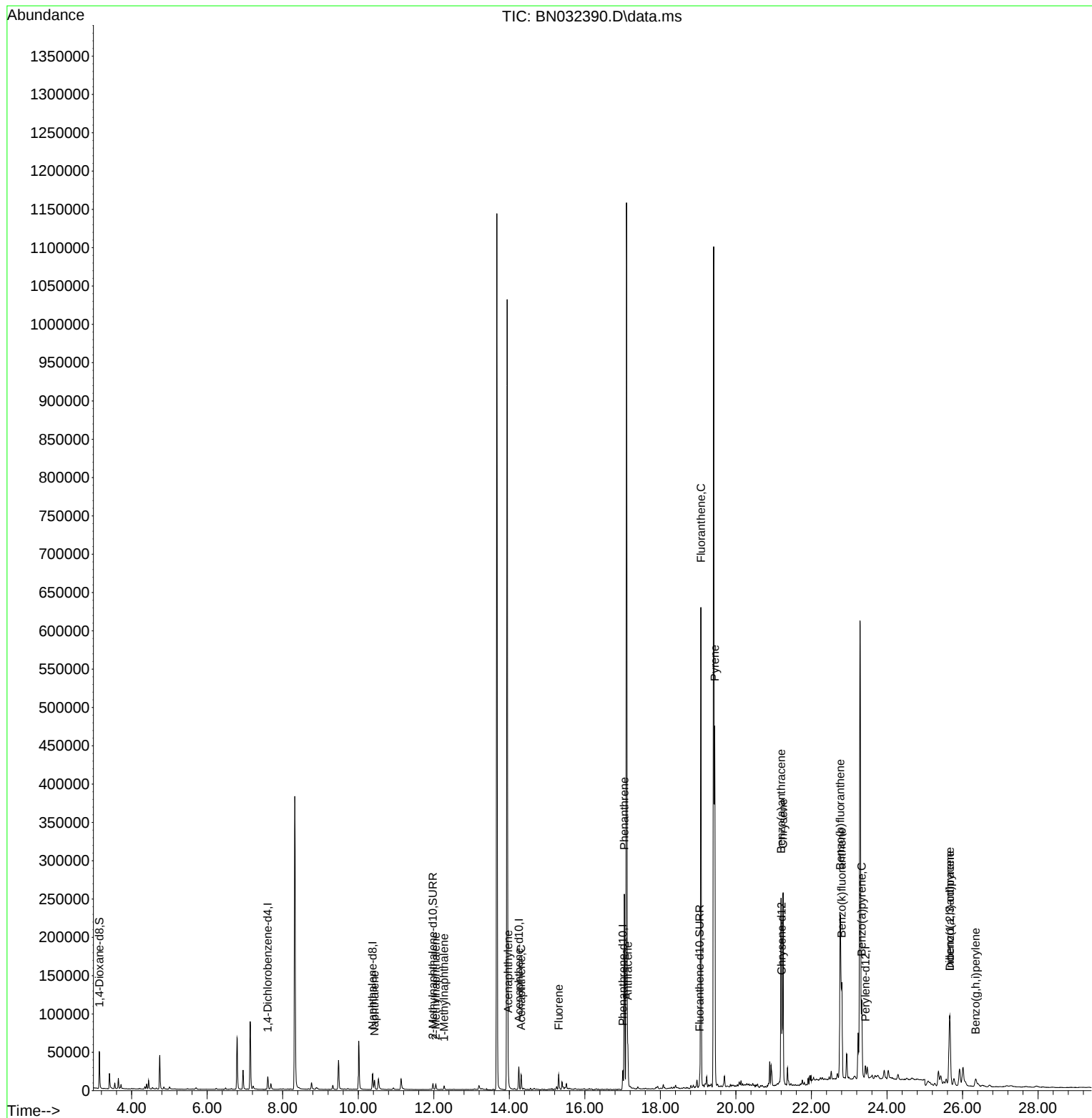
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032390.D
Acq On : 02 Jul 2024 08:45
Operator : MA/JU
Sample : P2871-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

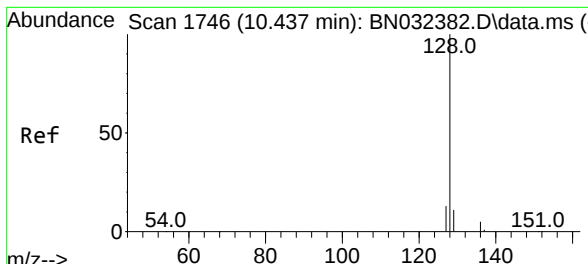
Instrument :
BNA_N
ClientSampleId :
A4CN4

Manual Integrations
APPROVED

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

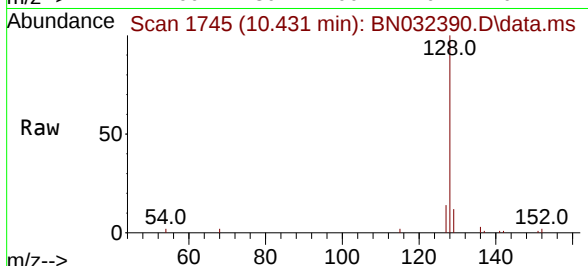
Quant Time: Jul 02 09:12:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
 Naphthalene
 Concen: 0.223 ng/ul
 RT: 10.431 min Scan# 1745
 Delta R.T. -0.016 min
 Lab File: BN032390.D
 Acq: 02 Jul 2024 08:45

Instrument :
 BNA_N
 ClientSampleId :
 A4CN4

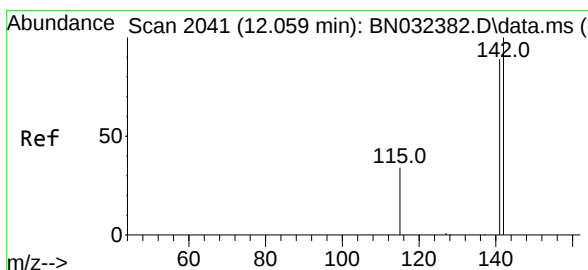
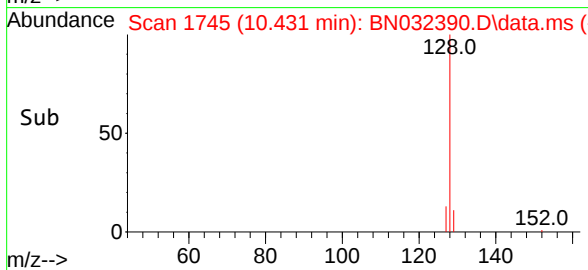
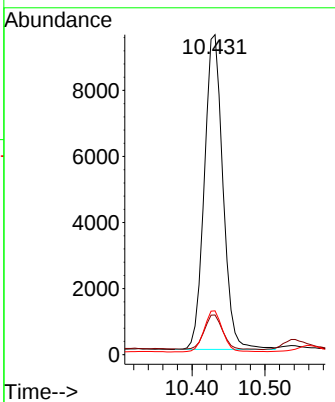


Tgt Ion:128 Resp: 1692

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.2	13.8
127	13.7	10.8	16.2

Manual Integrations
 APPROVED

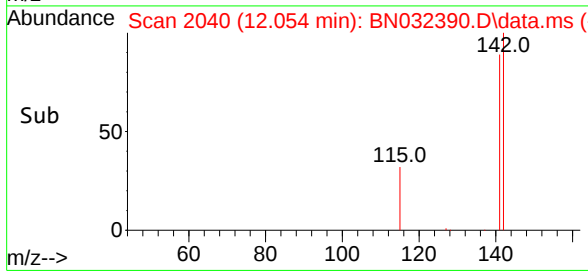
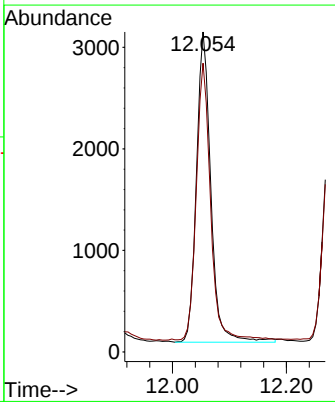
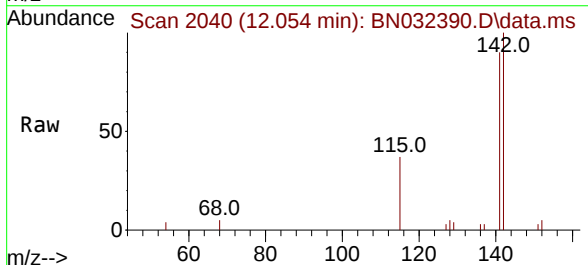
Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024

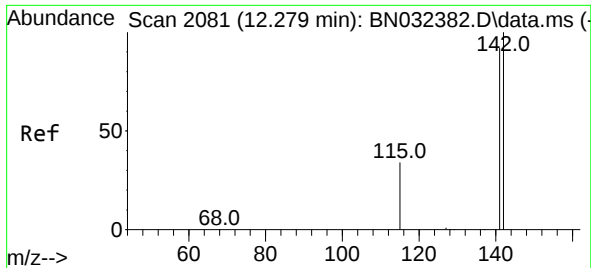


#7
 2-Methylnaphthalene
 Concen: 0.106 ng/ul
 RT: 12.054 min Scan# 2040
 Delta R.T. -0.022 min
 Lab File: BN032390.D
 Acq: 02 Jul 2024 08:45

Tgt Ion:142 Resp: 5358

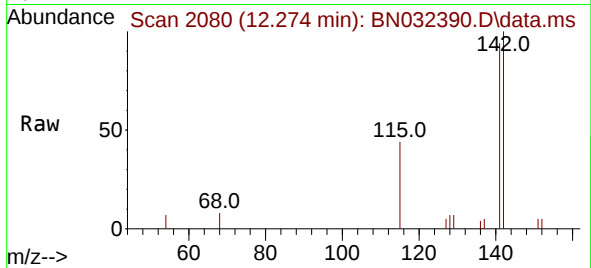
Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.2	108.2





#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.022 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

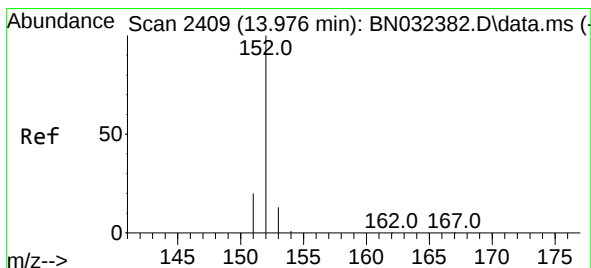
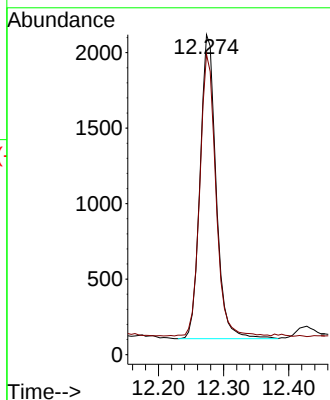
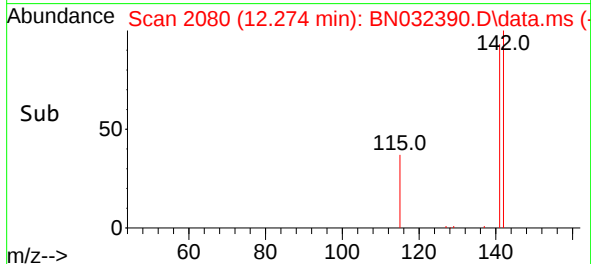
Instrument :
BNA_N
ClientSampleId :
A4CN4



Tgt Ion:142 Resp: 344
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0

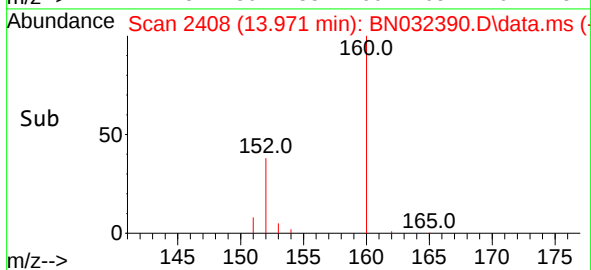
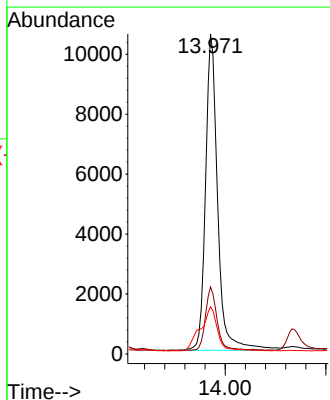
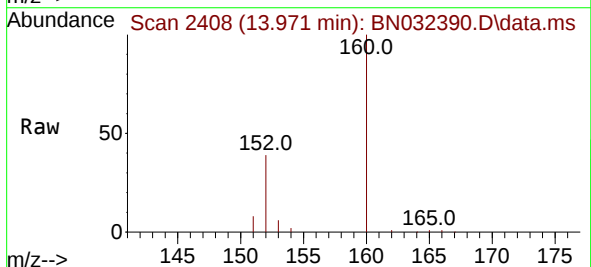
Manual Integrations
APPROVED

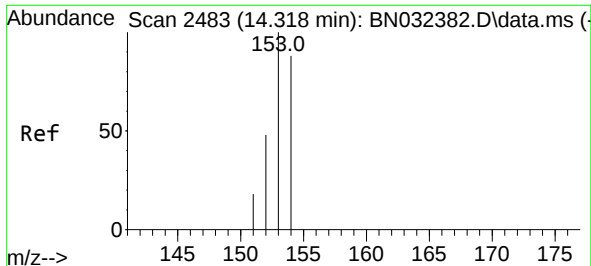
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.252 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. -0.019 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

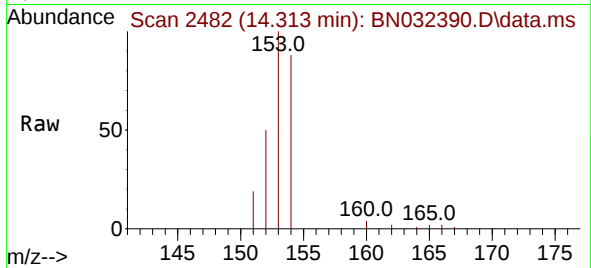
Tgt Ion:152 Resp: 17625
Ion Ratio Lower Upper
152 100
151 20.9 15.7 23.5
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 0.212 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. -0.019 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

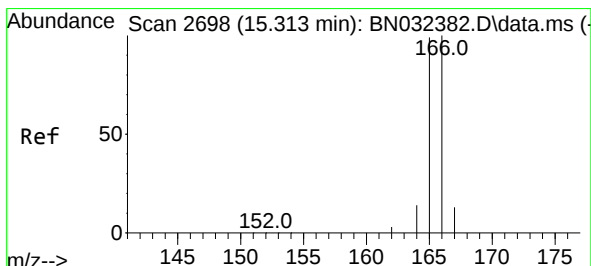
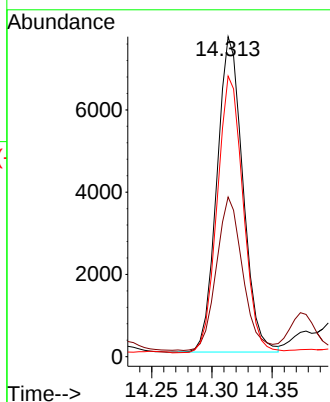
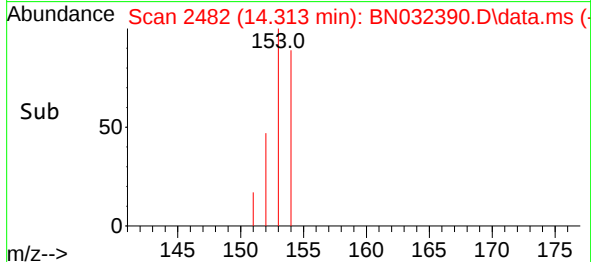
Instrument :
BNA_N
ClientSampleId :
A4CN4



Tgt Ion:153 Resp: 11529
Ion Ratio Lower Upper
153 100
152 49.9 39.5 59.3
154 87.7 71.7 107.5

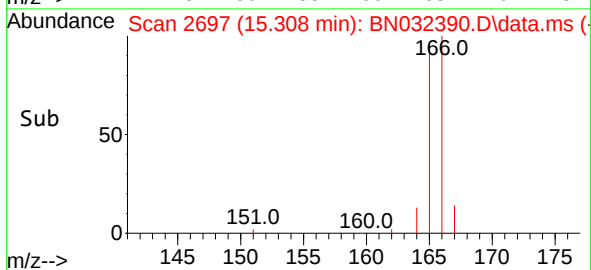
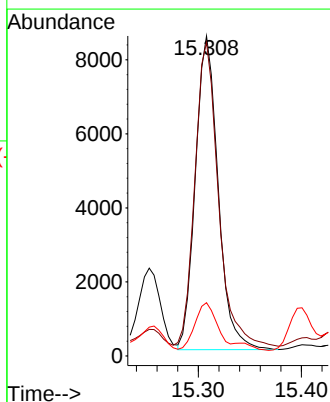
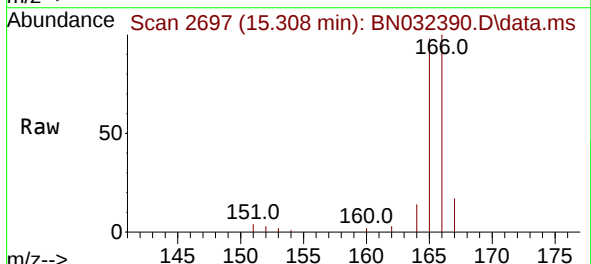
Manual Integrations
APPROVED

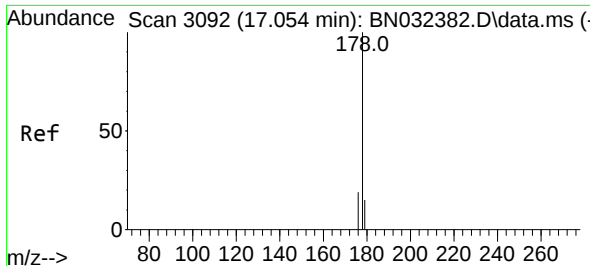
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.201 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.018 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

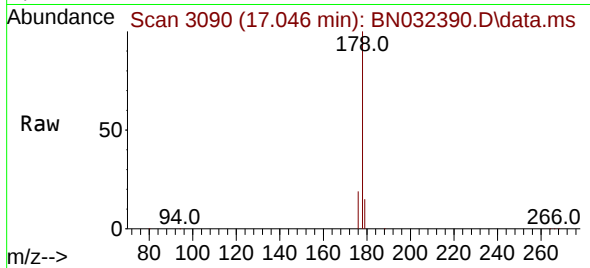
Tgt Ion:166 Resp: 12976
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 16.6 11.0 16.6#





#15
Phenanthrene
Concen: 3.327 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.021 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

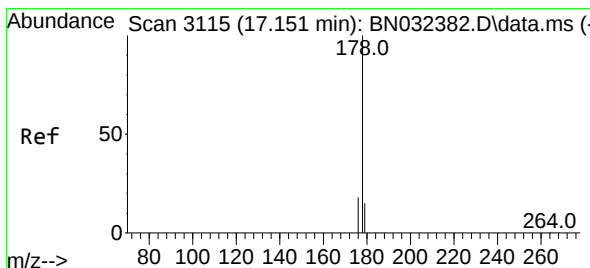
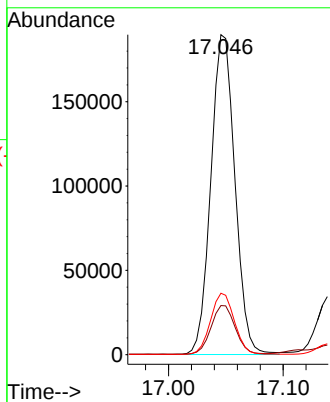
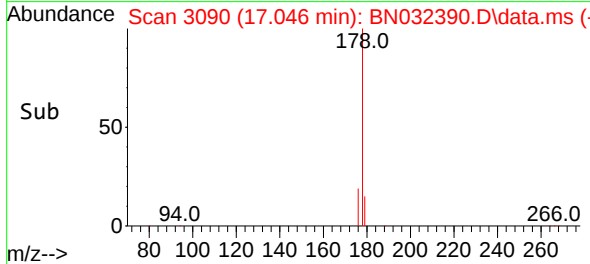
Instrument :
BNA_N
ClientSampleId :
A4CN4



Tgt Ion:178 Resp: 276985
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4

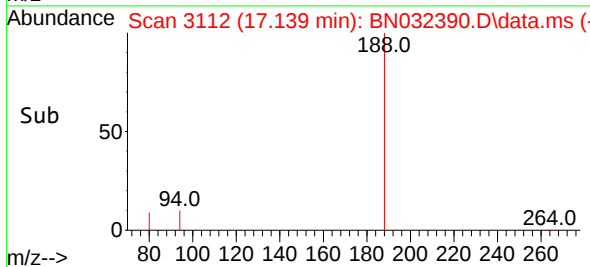
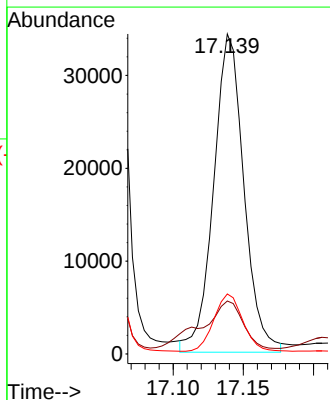
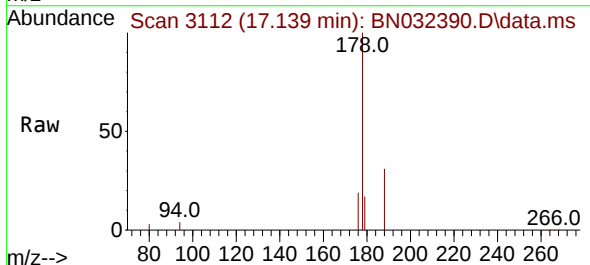
Manual Integrations
APPROVED

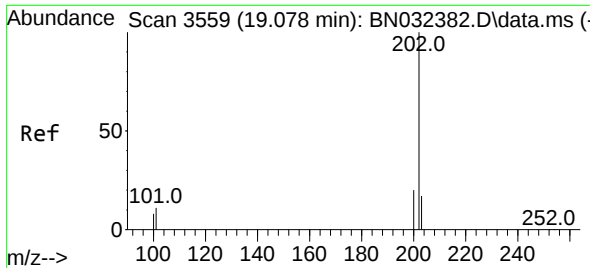
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#16
Anthracene
Concen: 0.691 ng/ul m
RT: 17.139 min Scan# 3112
Delta R.T. -0.021 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

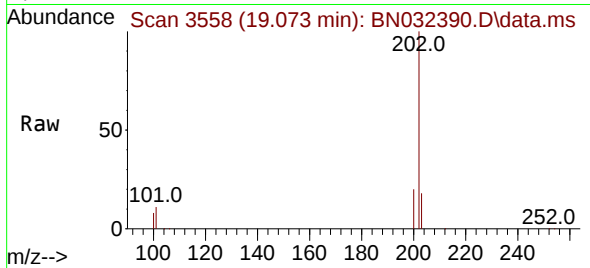
Tgt Ion:178 Resp: 51338
Ion Ratio Lower Upper
178 100
179 16.5 12.5 18.7
176 18.8 15.0 22.6





#19
Fluoranthene
Concen: 7.802 ng/u1
RT: 19.073 min Scan# 3559
Delta R.T. -0.019 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

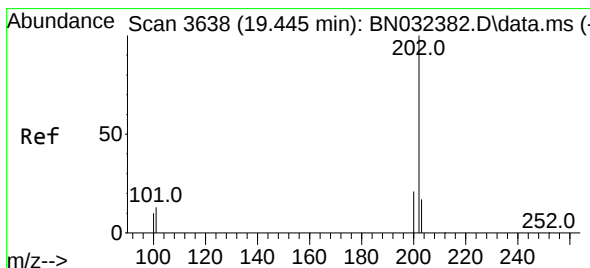
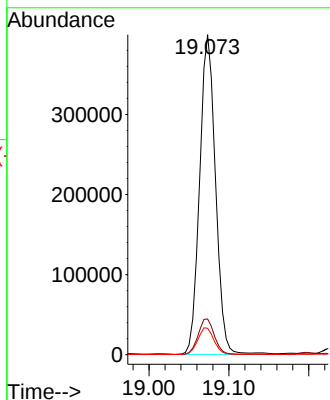
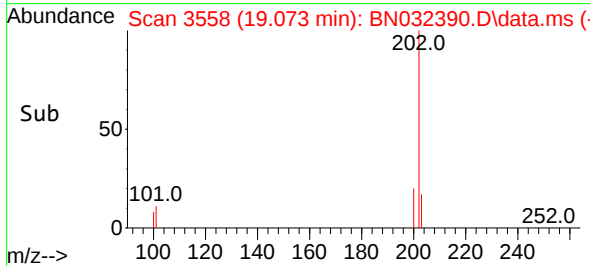
Instrument :
BNA_N
ClientSampleId :
A4CN4



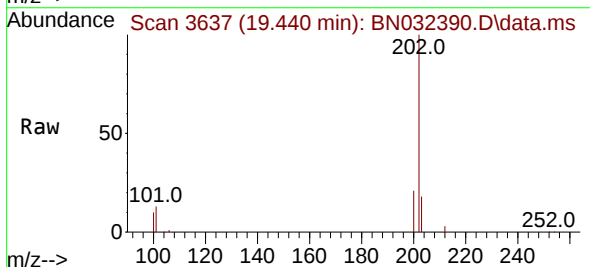
Tgt Ion:202 Resp: 551927
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.3 6.4 9.6

Manual Integrations
APPROVED

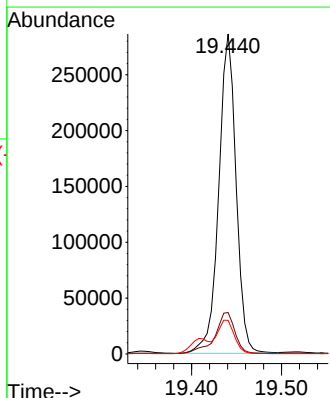
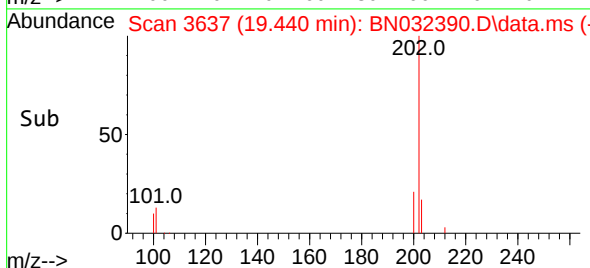
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

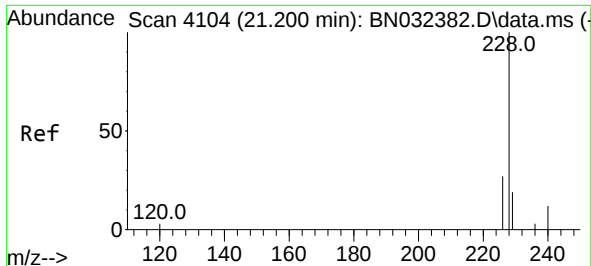


#20
Pyrene
Concen: 5.167 ng/u1
RT: 19.440 min Scan# 3637
Delta R.T. -0.014 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45



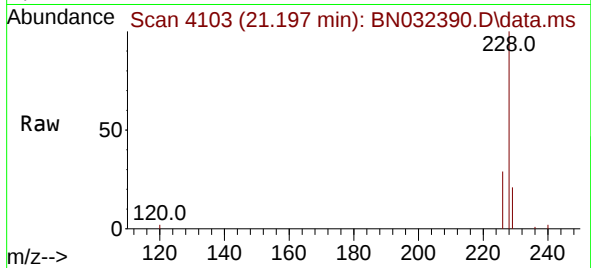
Tgt Ion:202 Resp: 381982
Ion Ratio Lower Upper
202 100
101 13.0 11.0 16.4
100 10.5 8.7 13.1





#21
Benzo(a)anthracene
Concen: 3.192 ng/ul
RT: 21.197 min Scan# 4103
Delta R.T. -0.018 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

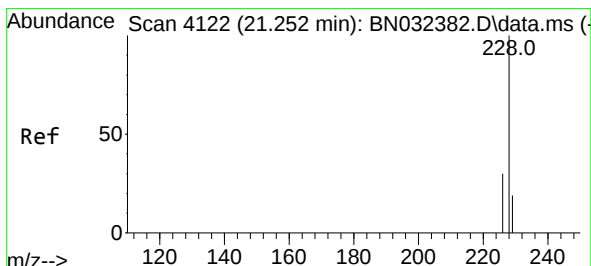
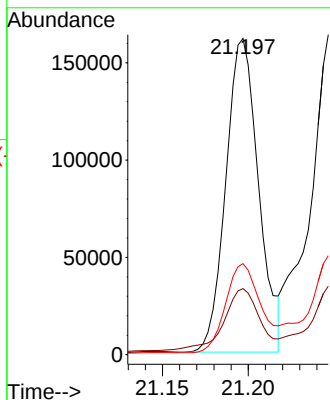
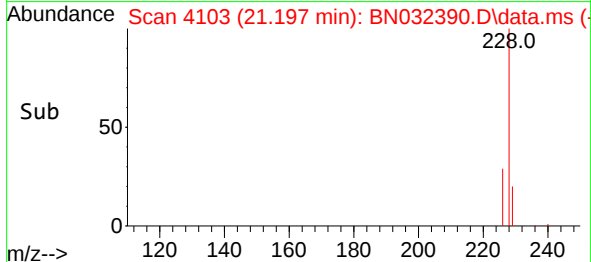
Instrument :
BNA_N
ClientSampleId :
A4CN4



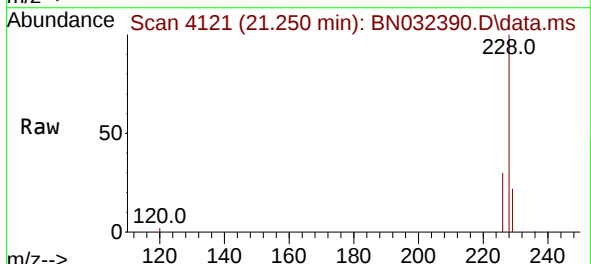
Tgt Ion:228 Resp: 214034
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.8 21.8 32.8

Manual Integrations
APPROVED

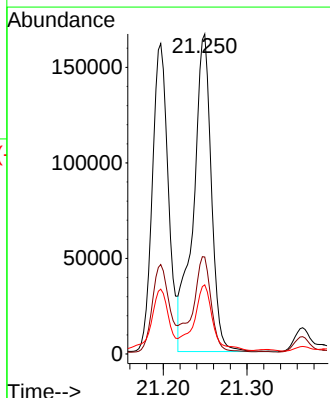
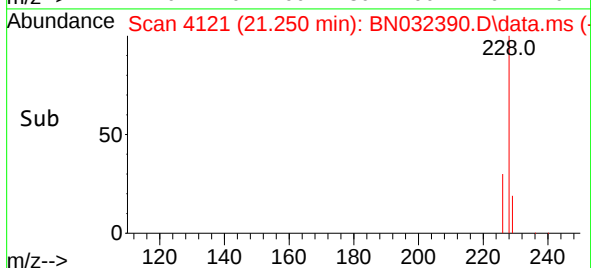
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

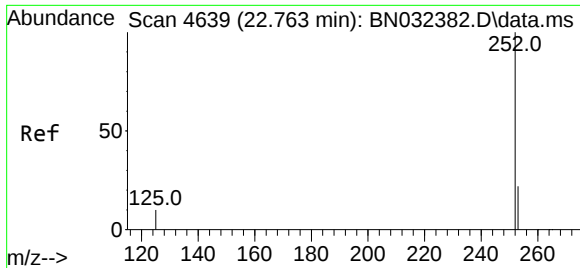


#22
Chrysene
Concen: 3.355 ng/ul
RT: 21.250 min Scan# 4121
Delta R.T. -0.018 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45



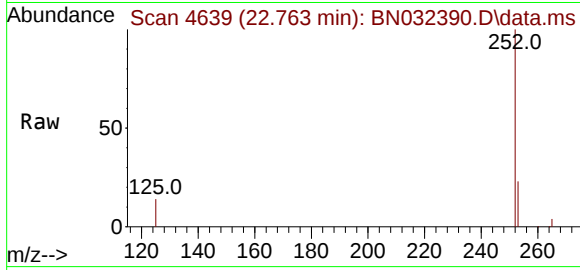
Tgt Ion:228 Resp: 246930
Ion Ratio Lower Upper
228 100
226 30.3 23.6 35.4
229 21.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.900 ng/ul m
RT: 22.763 min Scan# 4639
Delta R.T. -0.020 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

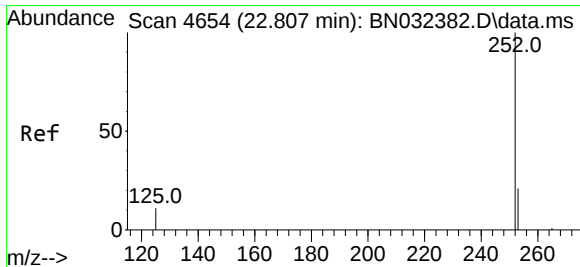
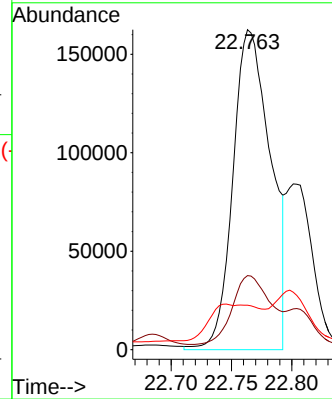
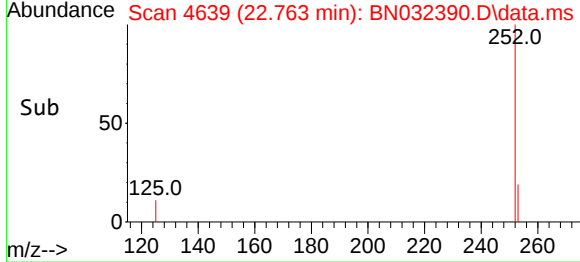
Instrument :
BNA_N
ClientSampleId :
A4CN4



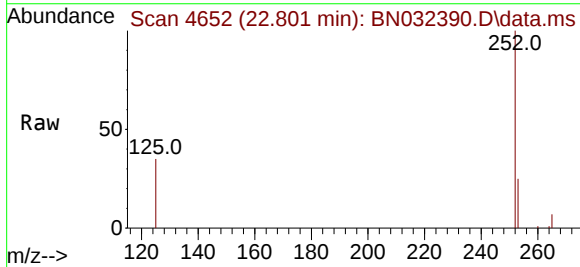
Tgt Ion:252 Resp: 353152
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 13.9 0.0 32.0

Manual Integrations
APPROVED

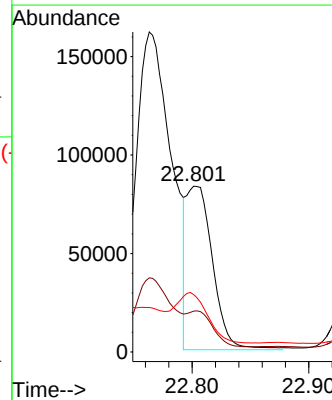
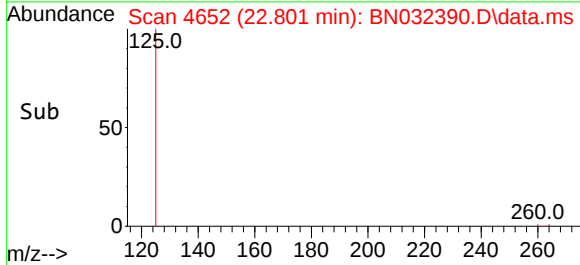
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

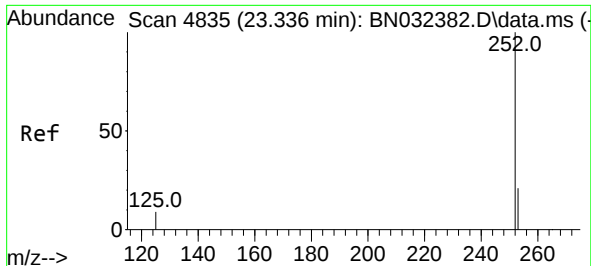


#25
Benzo(k)fluoranthene
Concen: 1.469 ng/ul m
RT: 22.801 min Scan# 4652
Delta R.T. -0.026 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45



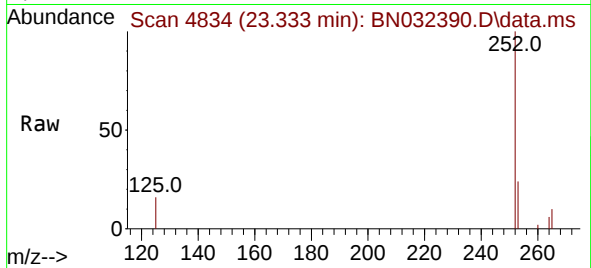
Tgt Ion:252 Resp: 129232
Ion Ratio Lower Upper
252 100
253 24.6 20.3 30.5
125 34.7 12.8 19.2#





#26
Benzo(a)pyrene
Concen: 2.137 ng/ul
RT: 23.333 min Scan# 4834
Delta R.T. -0.026 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

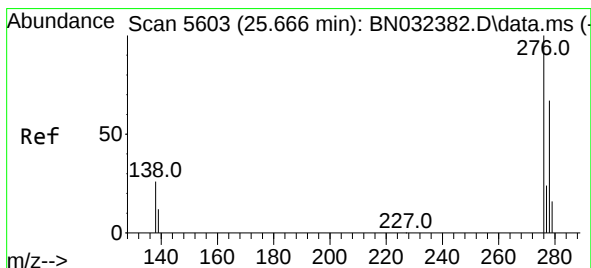
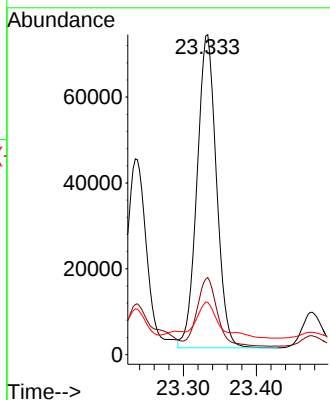
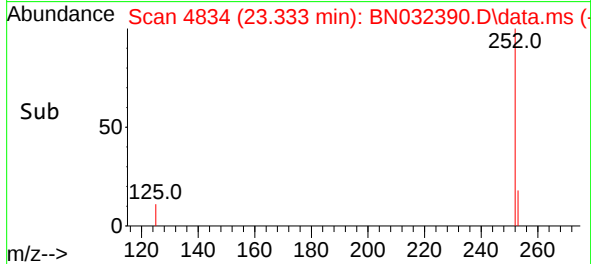
Instrument :
BNA_N
ClientSampleId :
A4CN4



Tgt Ion:252 Resp: 134628
Ion Ratio Lower Upper
252 100
253 24.1 22.2 33.2
125 16.3 16.4 24.6

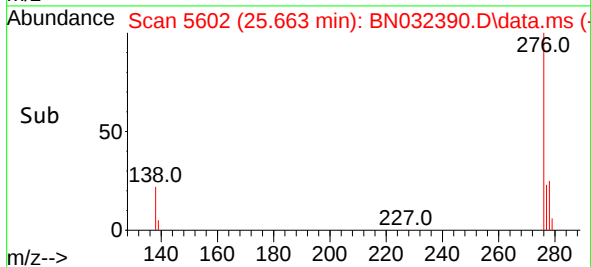
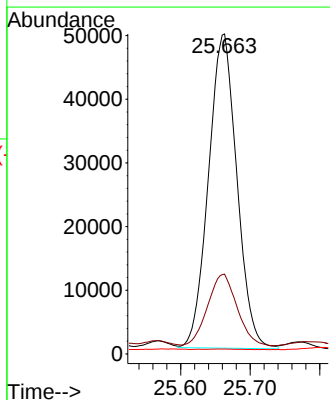
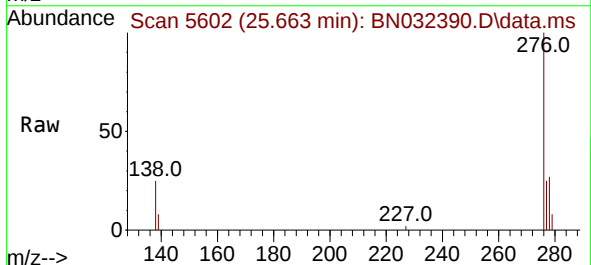
Manual Integrations
APPROVED

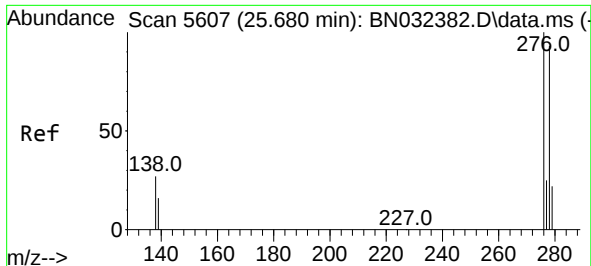
Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.421 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.037 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

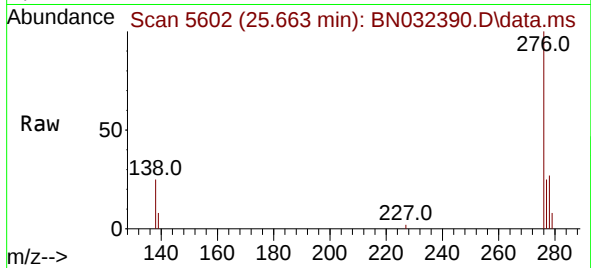
Tgt Ion:276 Resp: 140154
Ion Ratio Lower Upper
276 100
138 23.4 21.3 31.9
227 0.2 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.600 ng/ul
RT: 25.663 min Scan# 5602
Delta R.T. -0.047 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45

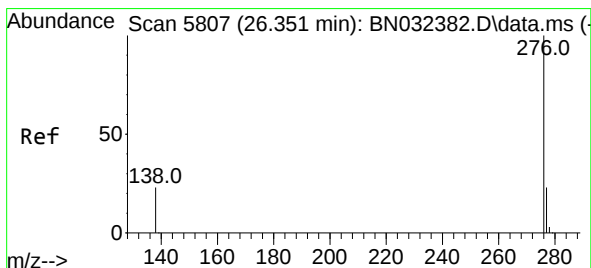
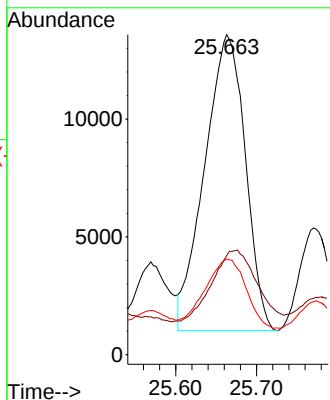
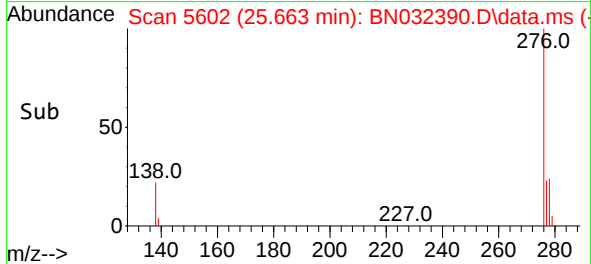
Instrument :
BNA_N
ClientSampleId :
A4CN4



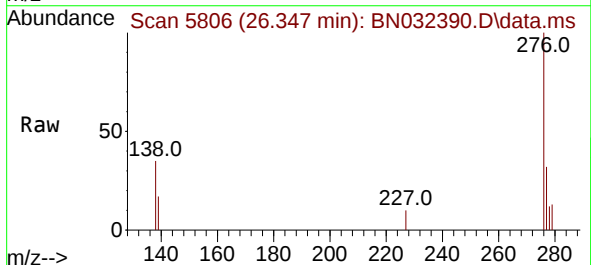
Tgt Ion:278 Resp: 43992
Ion Ratio Lower Upper
278 100
139 31.0 15.9 23.9#
279 29.9 21.1 31.7

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.277 ng/ul
RT: 26.347 min Scan# 5806
Delta R.T. -0.034 min
Lab File: BN032390.D
Acq: 02 Jul 2024 08:45



Tgt Ion:276 Resp: 21734
Ion Ratio Lower Upper
276 100
138 34.7 19.8 29.6#
277 32.2 19.8 29.6#

