

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
 Data File : BN032047.D
 Acq On : 18 Jun 2024 16:40
 Operator : MA/JU
 Sample : P2696-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BN4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 18 19:09:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 14:06:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.650	152	11245	0.400	ng/ul	0.00
4) Naphthalene-d8	10.426	136	40482	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.290	164	26304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.041	188	61556	0.400	ng/ul	0.00
17) Chrysene-d12	21.235	240	46334	0.400	ng/ul	0.00
23) Perylene-d12	23.462	264	37101m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	58455	4.849	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.021	152	20575	0.313	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	52920	0.378	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.475	128	6245	0.058	ng/ul	95
7) 2-Methylnaphthalene	12.098	142	2835	0.038	ng/ul	97
8) 1-Methylnaphthalene	12.318	142	2223	0.029	ng/ul	96
10) Acenaphthylene	14.013	152	5988	0.053	ng/ul#	91
11) Acenaphthene	14.355	153	13283	0.158	ng/ul	100
12) Fluorene	15.345	166	15676	0.153	ng/ul	99
15) Phenanthrene	17.079	178	279019	1.608	ng/ul	99
16) Anthracene	17.172	178	49916	0.320	ng/ul	99
19) Fluoranthene	19.101	202	572876	3.356	ng/ul	99
20) Pyrene	19.468	202	352569	1.972	ng/ul	99
21) Benzo(a)anthracene	21.220	228	226331	1.274	ng/ul	98
22) Chrysene	21.273	228	244192	1.378	ng/ul	97
24) Benzo(b)fluoranthene	22.792	252	285045m	1.749	ng/ul	
25) Benzo(k)fluoranthene	22.833	252	104426m	0.667	ng/ul	
26) Benzo(a)pyrene	23.363	252	87134	0.752	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.703	276	75764	0.485	ng/ul	95
28) Dibenzo(a,h)anthracene	25.713	278	28158	0.233	ng/ul#	88
29) Benzo(g,h,i)perylene	26.401	276	13083	0.105	ng/ul#	82

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

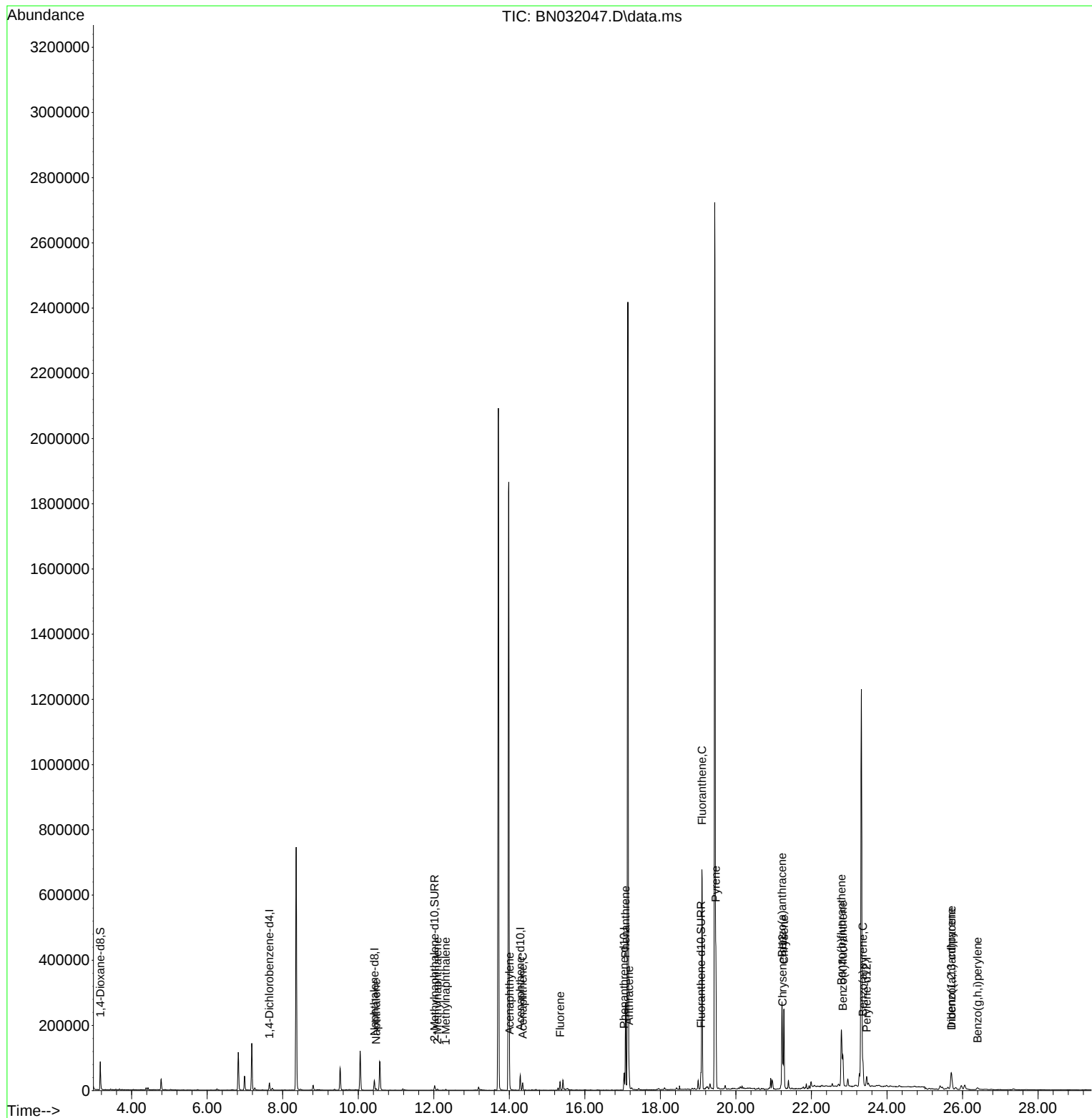
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061824\
Data File : BN032047.D
Acq On : 18 Jun 2024 16:40
Operator : MA/JU
Sample : P2696-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

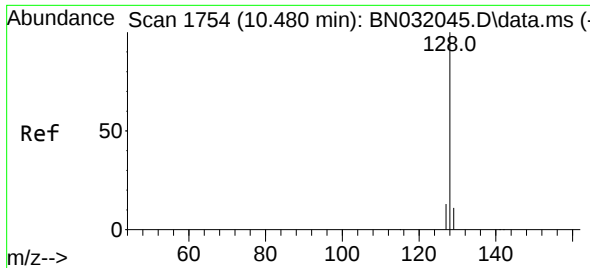
Instrument :
BNA_N
ClientSampleId :
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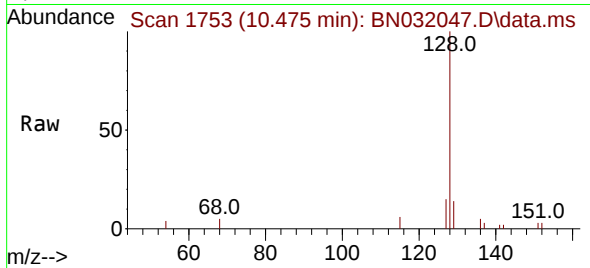
Quant Time: Jun 18 19:09:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 14:06:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.475 min Scan# 1753
Delta R.T. -0.005 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

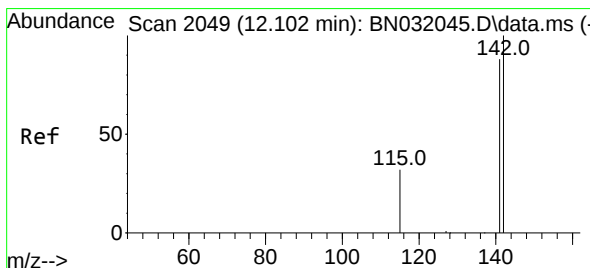
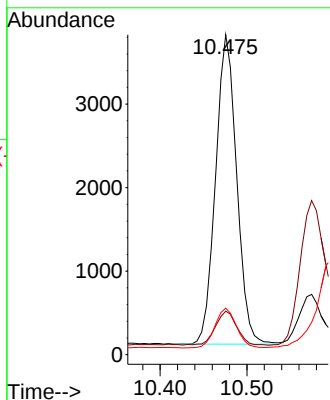
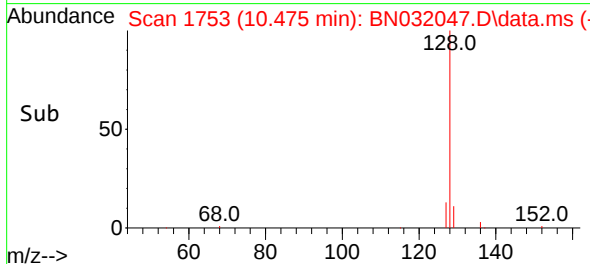
Instrument :
BNA_N
ClientSampleId :
A4BN4



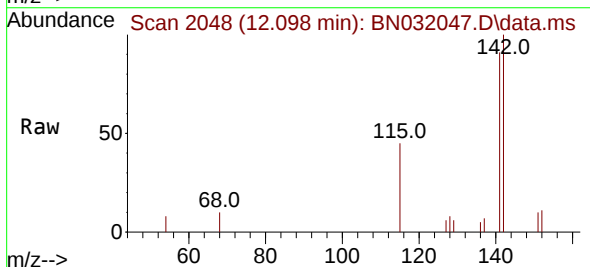
Tgt Ion:128 Resp: 6249
Ion Ratio Lower Upper
128 100
129 13.6 9.3 13.9
127 14.6 10.3 15.5

Manual Integrations
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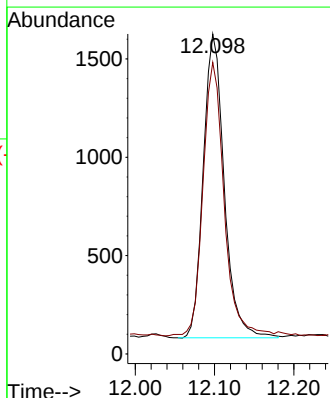
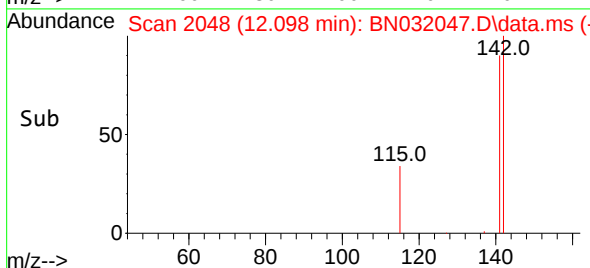
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

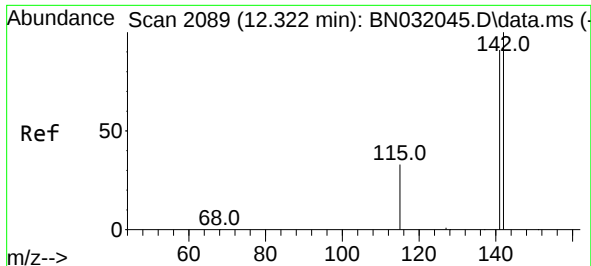


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.098 min Scan# 2048
Delta R.T. -0.005 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40



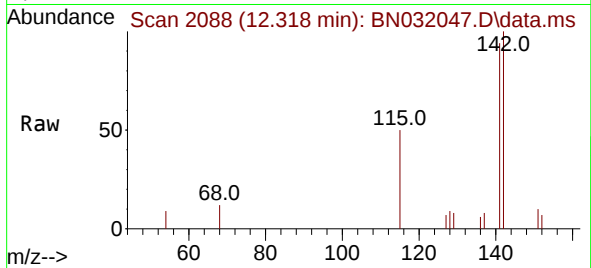
Tgt Ion:142 Resp: 2835
Ion Ratio Lower Upper
142 100
141 90.3 69.7 104.5





#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.318 min Scan# 2088
Delta R.T. -0.005 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

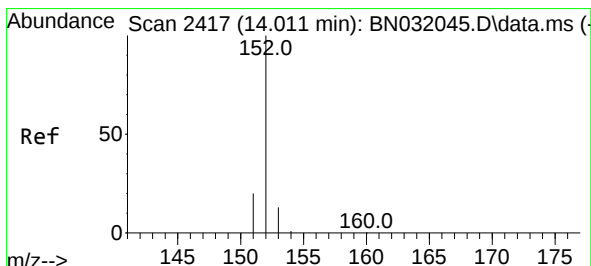
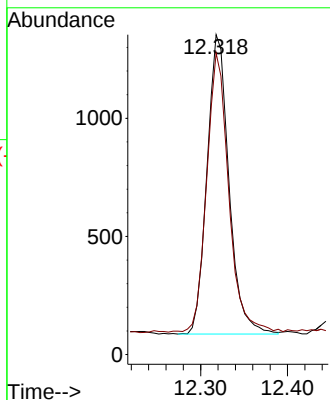
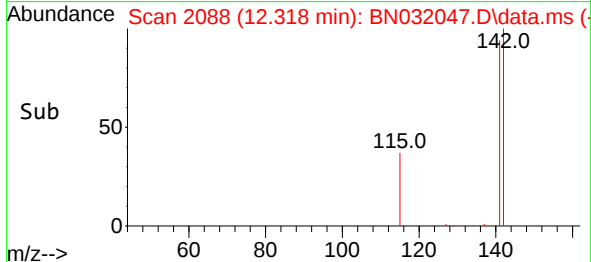
Instrument :
BNA_N
ClientSampleId :
A4BN4



Tgt Ion:142 Resp: 222
Ion Ratio Lower Upper
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141 93.5 71.7 107.5

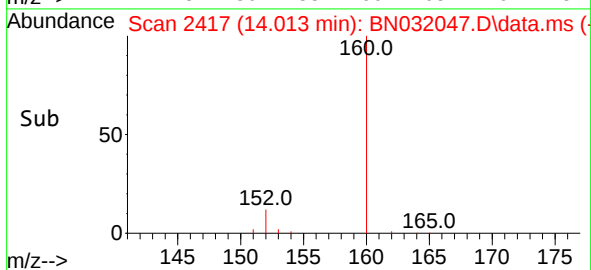
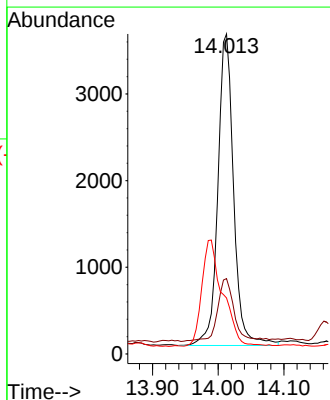
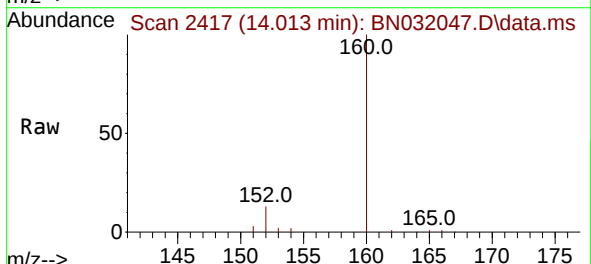
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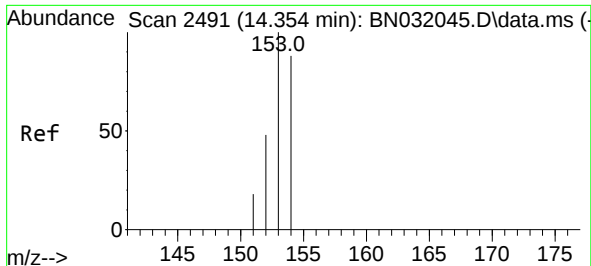
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.013 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

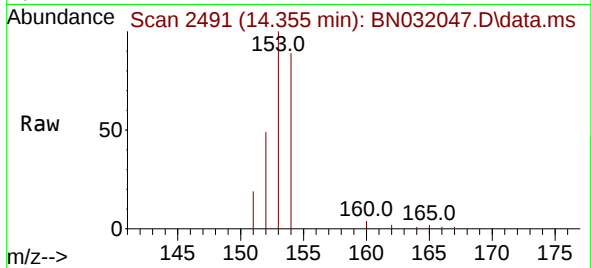
Tgt Ion:152 Resp: 5988
Ion Ratio Lower Upper
152 100
151 23.5 16.1 24.1
153 17.5 10.6 16.0#





#11
Acenaphthene
Concen: 0.158 ng/u1
RT: 14.355 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

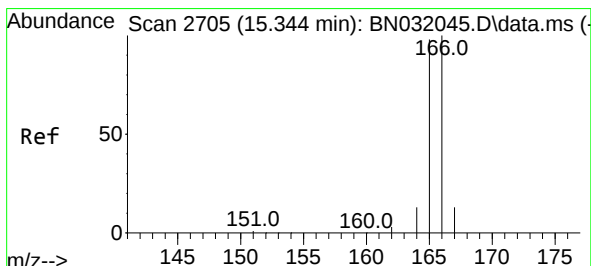
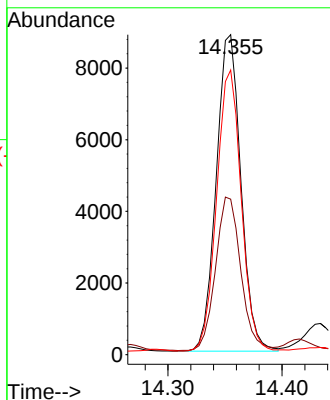
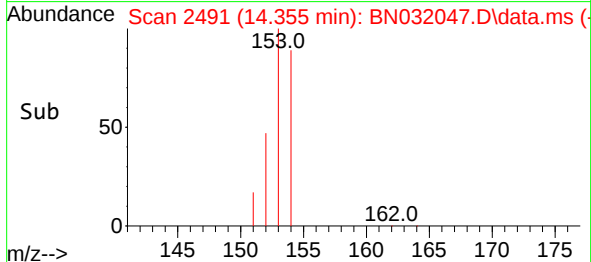
Instrument :
BNA_N
ClientSampleId :
A4BN4



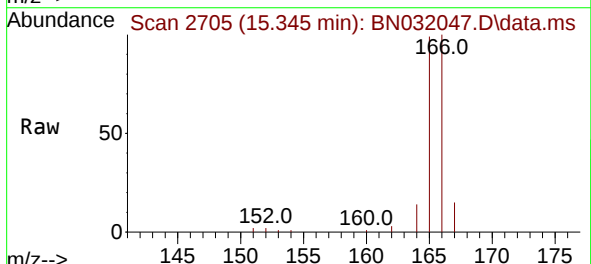
Tgt Ion:153 Resp: 1328
Ion Ratio Lower Upper
153 100
152 48.6 39.4 59.2
154 88.9 71.2 106.8

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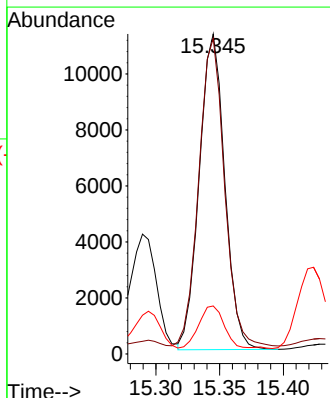
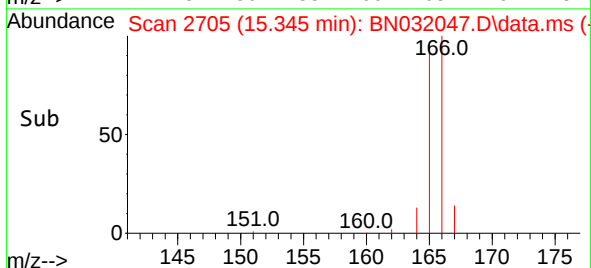
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Supervised By :mohammad ahmed 06/21/2024

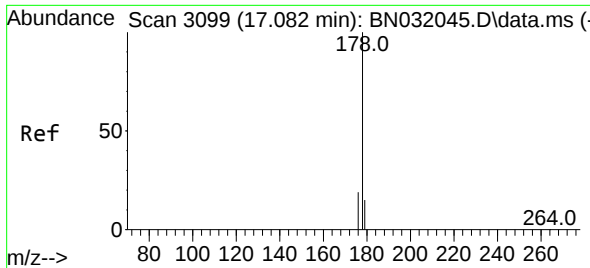


#12
Fluorene
Concen: 0.153 ng/u1
RT: 15.345 min Scan# 2705
Delta R.T. 0.000 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40



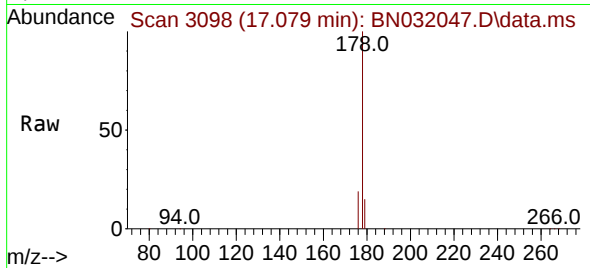
Tgt Ion:166 Resp: 15676
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 15.0 11.0 16.6





#15
Phenanthrene
Concen: 1.608 ng/ul
RT: 17.079 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

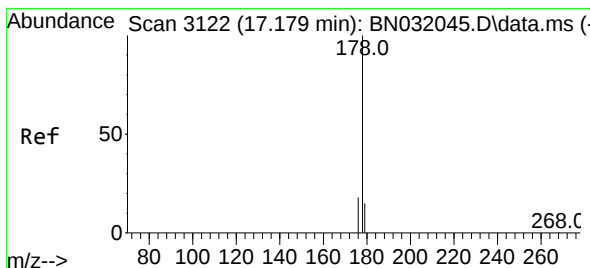
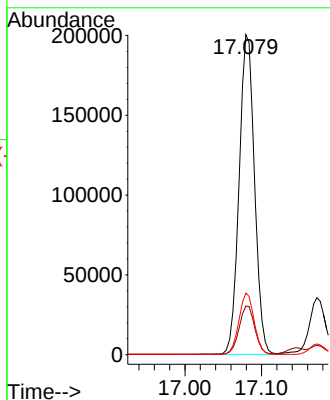
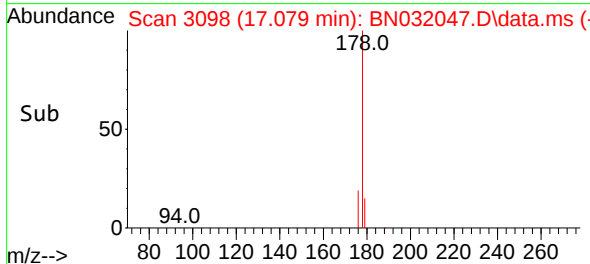
Instrument :
BNA_N
ClientSampleId :
A4BN4



Tgt Ion:178 Resp: 279019
Ion Ratio Lower Upper
178 100
179 15.2 12.5 18.7
176 19.3 15.3 22.9

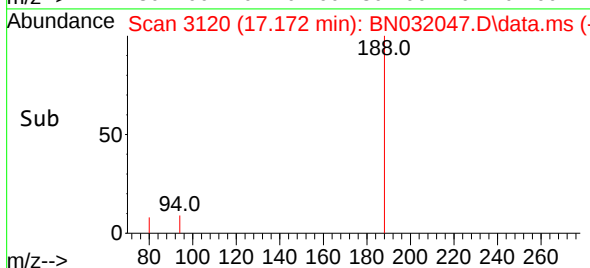
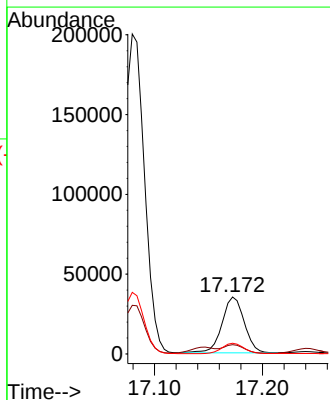
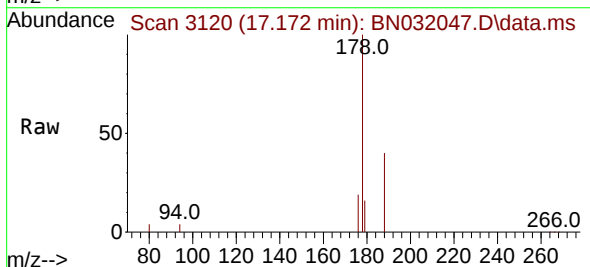
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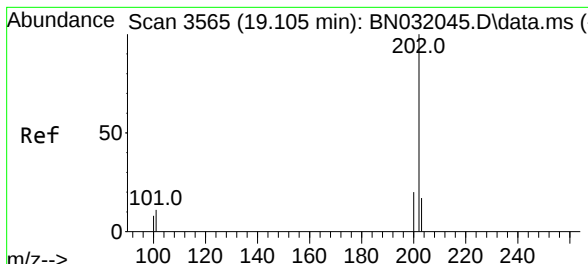
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 0.320 ng/ul
RT: 17.172 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

Tgt Ion:178 Resp: 49916
Ion Ratio Lower Upper
178 100
179 16.4 12.7 19.1
176 18.8 14.8 22.2





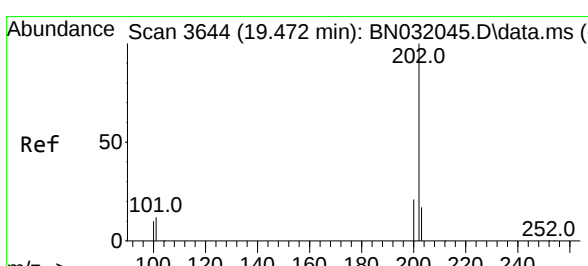
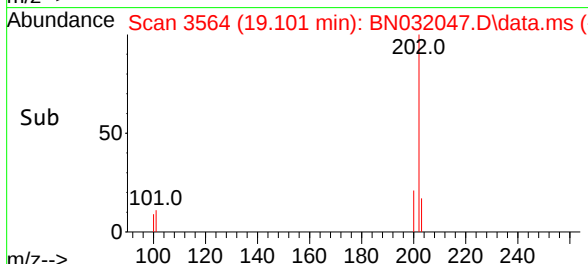
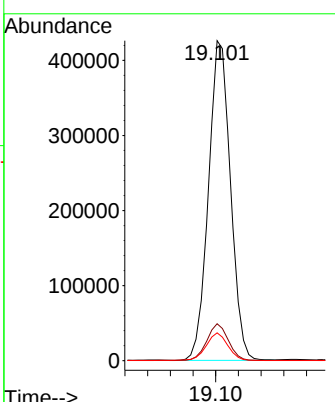
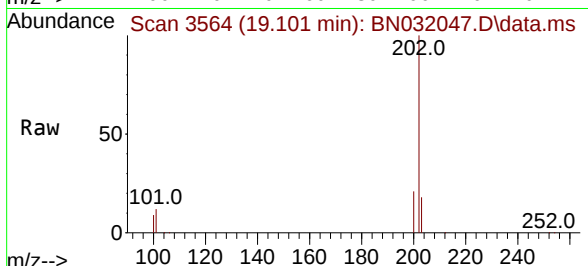
#19
 Fluoranthene
 Concen: 3.356 ng/ul
 RT: 19.101 min Scan# 3564
 Delta R.T. -0.004 min
 Lab File: BN032047.D
 Acq: 18 Jun 2024 16:40

Instrument : BNA_N
 ClientSampleId : A4BN4

Tgt Ion:202 Resp: 572870

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	8.7	6.6	9.8

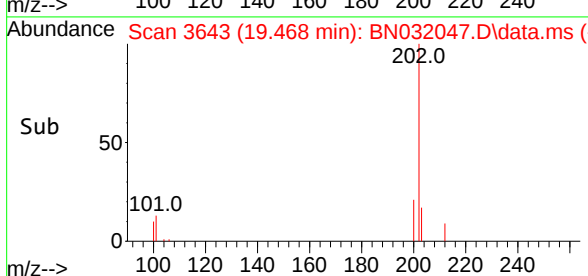
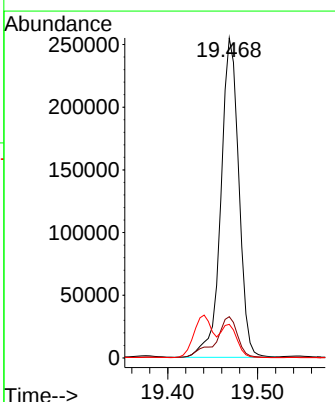
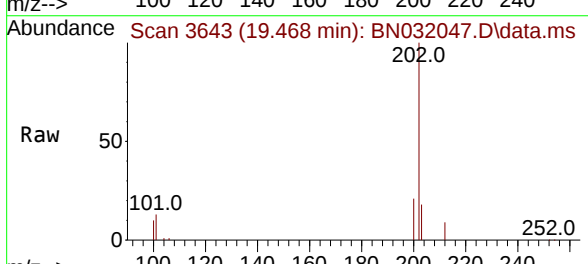
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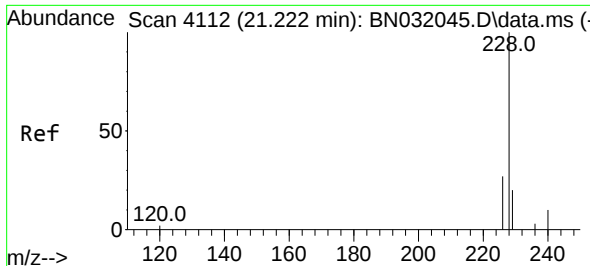


#20
 Pyrene
 Concen: 1.972 ng/ul
 RT: 19.468 min Scan# 3643
 Delta R.T. 0.000 min
 Lab File: BN032047.D
 Acq: 18 Jun 2024 16:40

Tgt Ion:202 Resp: 352569

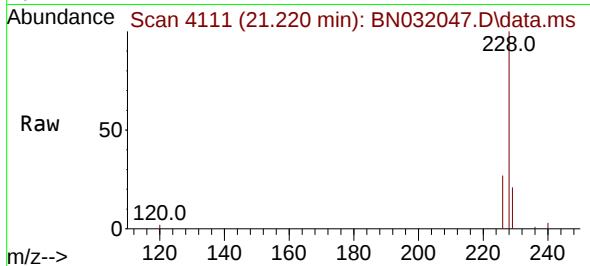
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.5	15.7
100	10.5	8.6	12.8





#21
Benzo(a)anthracene
Concen: 1.274 ng/ul
RT: 21.220 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

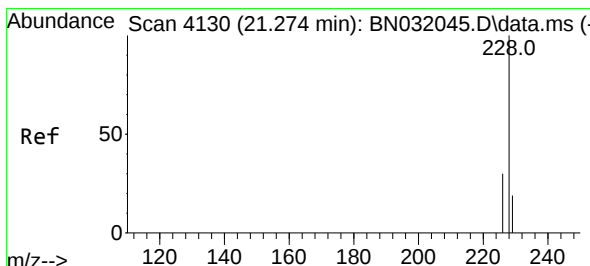
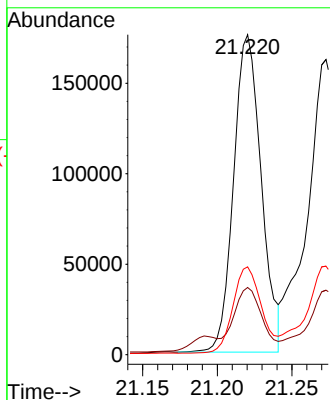
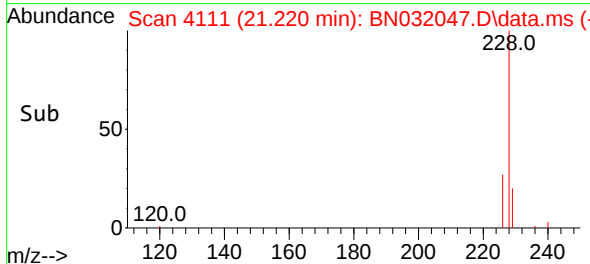
Instrument :
BNA_N
ClientSampleId :
A4BN4



Tgt Ion:228 Resp: 22633
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 27.5 21.7 32.5

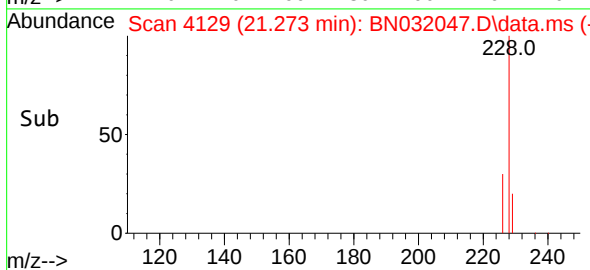
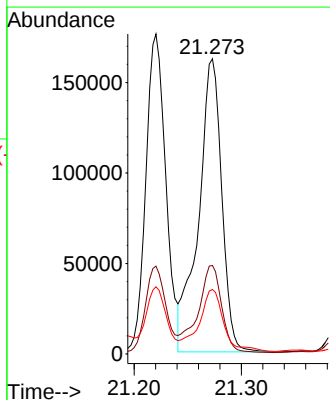
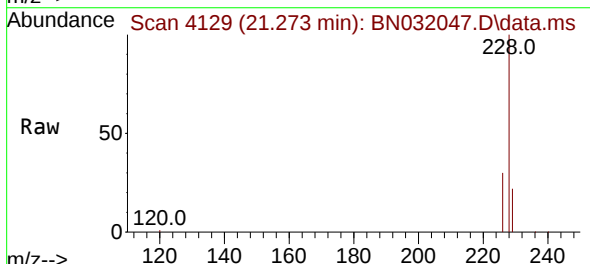
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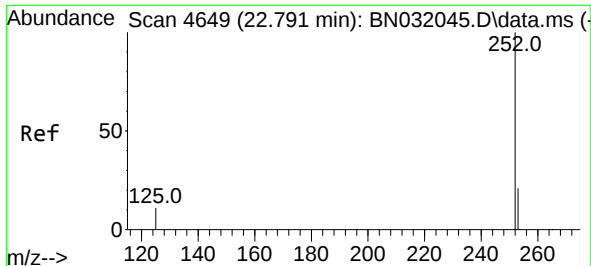
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 1.378 ng/ul
RT: 21.273 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

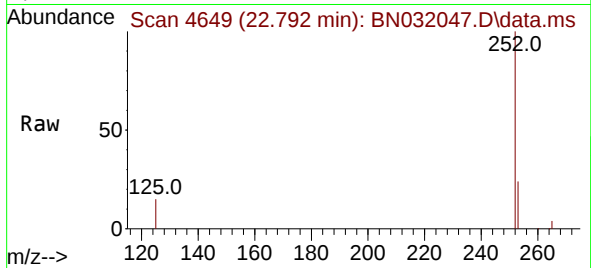
Tgt Ion:228 Resp: 244192
Ion Ratio Lower Upper
228 100
226 30.0 23.6 35.4
229 21.9 15.6 23.4





#24
Benzo(b)fluoranthene
Concen: 1.749 ng/ul m
RT: 22.792 min Scan# 4649
Delta R.T. 0.000 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

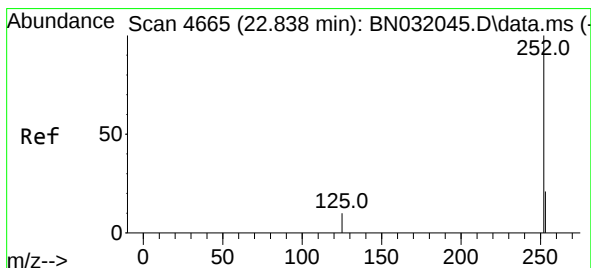
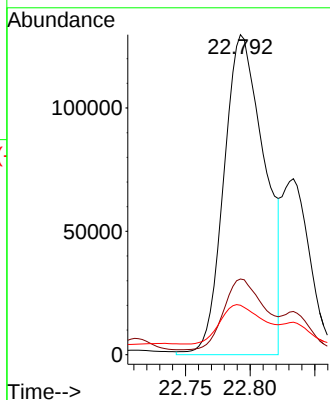
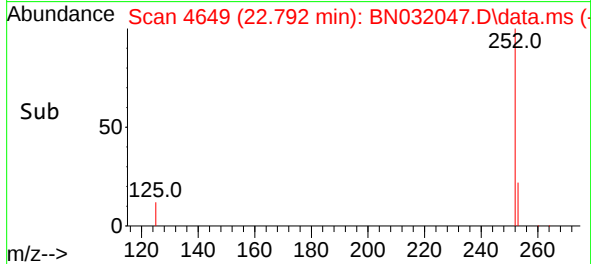
Instrument :
BNA_N
ClientSampleId :
A4BN4



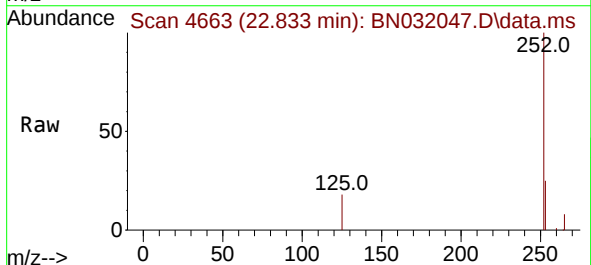
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Ion Ratio Lower Upper
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125 15.5 0.0 28.8

Manual Integrations
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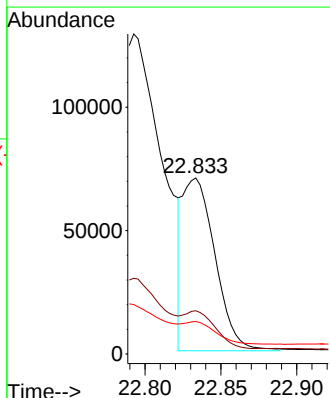
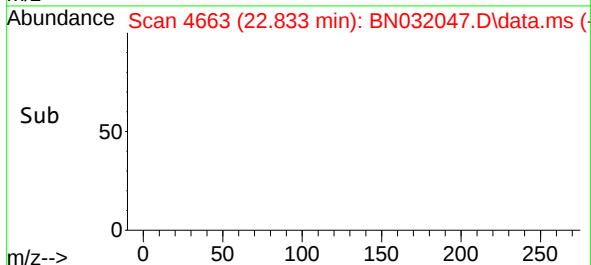
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

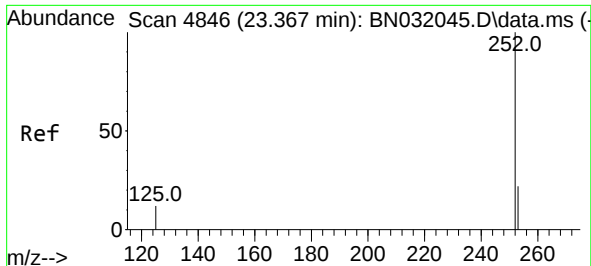


#25
Benzo(k)fluoranthene
Concen: 0.667 ng/ul m
RT: 22.833 min Scan# 4663
Delta R.T. -0.003 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40



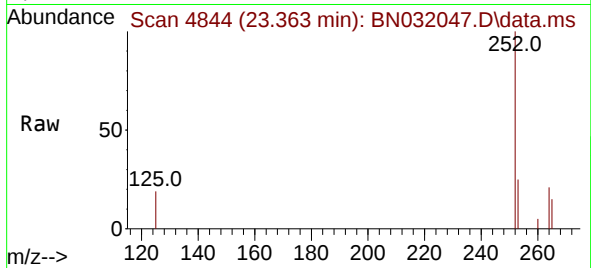
Tgt Ion:252 Resp: 104426
Ion Ratio Lower Upper
252 100
253 24.5 18.8 28.2
125 18.4 11.1 16.7#





#26
Benzo(a)pyrene
Concen: 0.752 ng/ul
RT: 23.363 min Scan# 4844
Delta R.T. -0.003 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

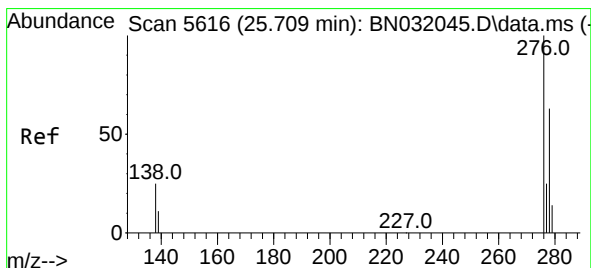
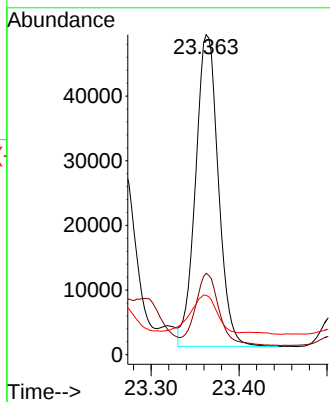
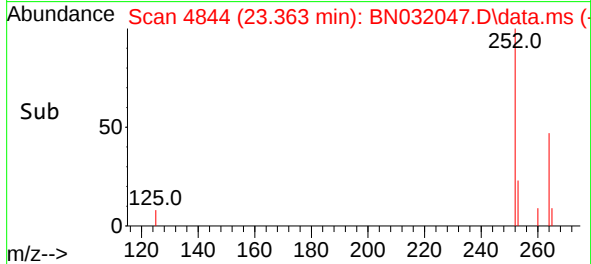
Instrument :
BNA_N
ClientSampleId :
A4BN4



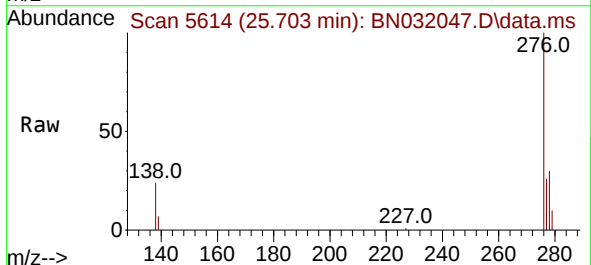
Tgt Ion:252 Resp: 87134
Ion Ratio Lower Upper
252 100
253 25.4 19.9 29.9
125 18.5 13.5 20.3

Manual Integrations
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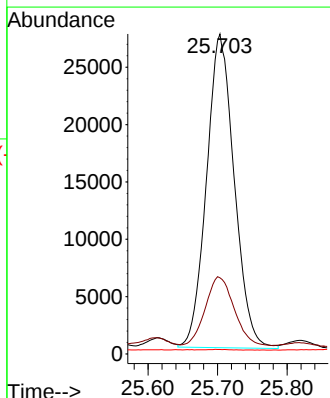
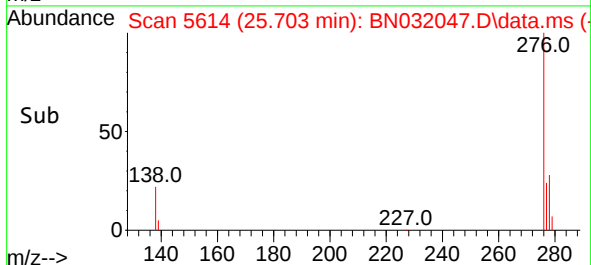
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

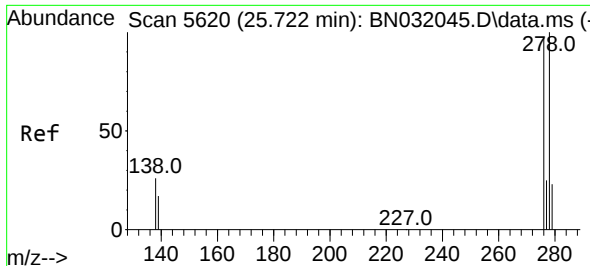


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.485 ng/ul
RT: 25.703 min Scan# 5614
Delta R.T. -0.003 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40



Tgt Ion:276 Resp: 75764
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
227 0.2 0.2 0.2





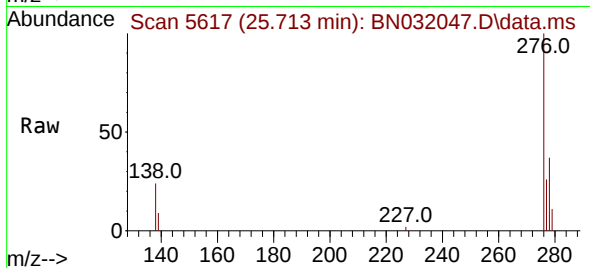
#28
Dibenzo(a,h)anthracene
Concen: 0.233 ng/ul
RT: 25.713 min Scan# 5617
Delta R.T. -0.010 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40

Instrument :

BNA_N

ClientSampleId :

A4BN4

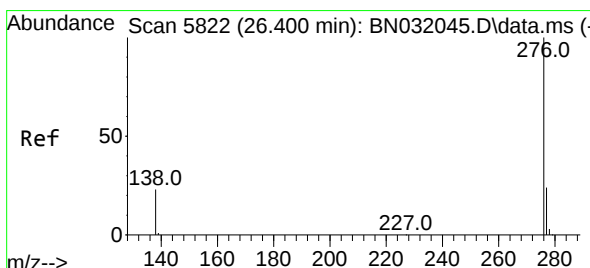
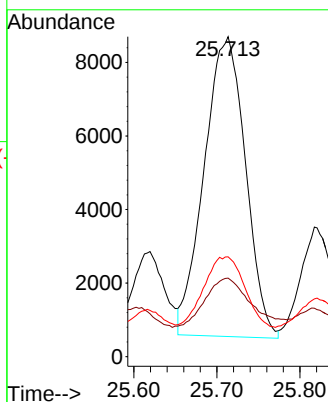
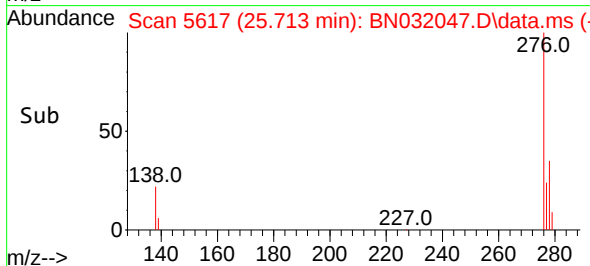


Tgt Ion: 278 Resp: 2815
Ion Ratio Lower Upper
278 100
139 24.6 14.9 22.3
279 31.2 20.6 31.0

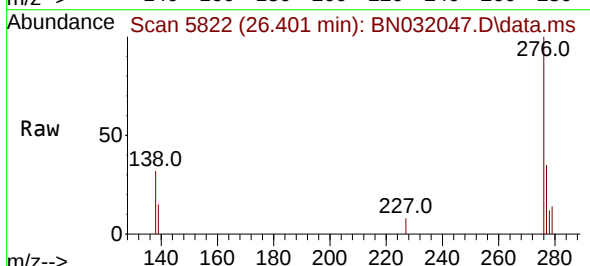
Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.401 min Scan# 5822
Delta R.T. 0.004 min
Lab File: BN032047.D
Acq: 18 Jun 2024 16:40



Tgt Ion: 276 Resp: 13083
Ion Ratio Lower Upper
276 100
138 32.4 19.0 28.4#
277 34.5 20.4 30.6#

