

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027834.D
 Acq On : 22 Sep 2023 20:55
 Operator : MA/JU
 Sample : 04387-08
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 23 03:49:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5134	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	17707	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	10883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	24911	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	20537	0.400	ng/ul	# 0.00
23) Perylene-d12	24.071	264	18421	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	18592	2.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9481	0.353	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	25086	0.400	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.872	128	5240	0.104	ng/ul#	93
7) 2-Methylnaphthalene	12.473	142	5202	0.162	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	4381	0.132	ng/ul	99
10) Acenaphthylene	14.370	152	4358	0.092	ng/ul#	92
11) Acenaphthene	14.703	153	1138	0.028	ng/ul#	93
12) Fluorene	15.688	166	1717	0.036	ng/ul#	96
15) Phenanthrene	17.435	178	43923	0.561	ng/ul	99
16) Anthracene	17.527	178	5587	0.085	ng/ul#	92
19) Fluoranthene	19.446	202	103897	1.251	ng/ul	99
20) Pyrene	19.813	202	85907m	1.004	ng/ul	
21) Benzo(a)anthracene	21.557	228	39182	0.493	ng/ul	96
22) Chrysene	21.612	228	48606	0.592	ng/ul	97
24) Benzo(b)fluoranthene	23.299	252	65116m	0.793	ng/ul	
25) Benzo(k)fluoranthene	23.346	252	23114m	0.290	ng/ul	
26) Benzo(a)pyrene	23.959	252	36908	0.559	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.697	276	30458	0.360	ng/ul#	69
28) Dibenzo(a,h)anthracene	26.714	278	7163	0.105	ng/ul#	1
29) Benzo(g,h,i)perylene	27.522	276	28645	0.399	ng/ul#	80

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

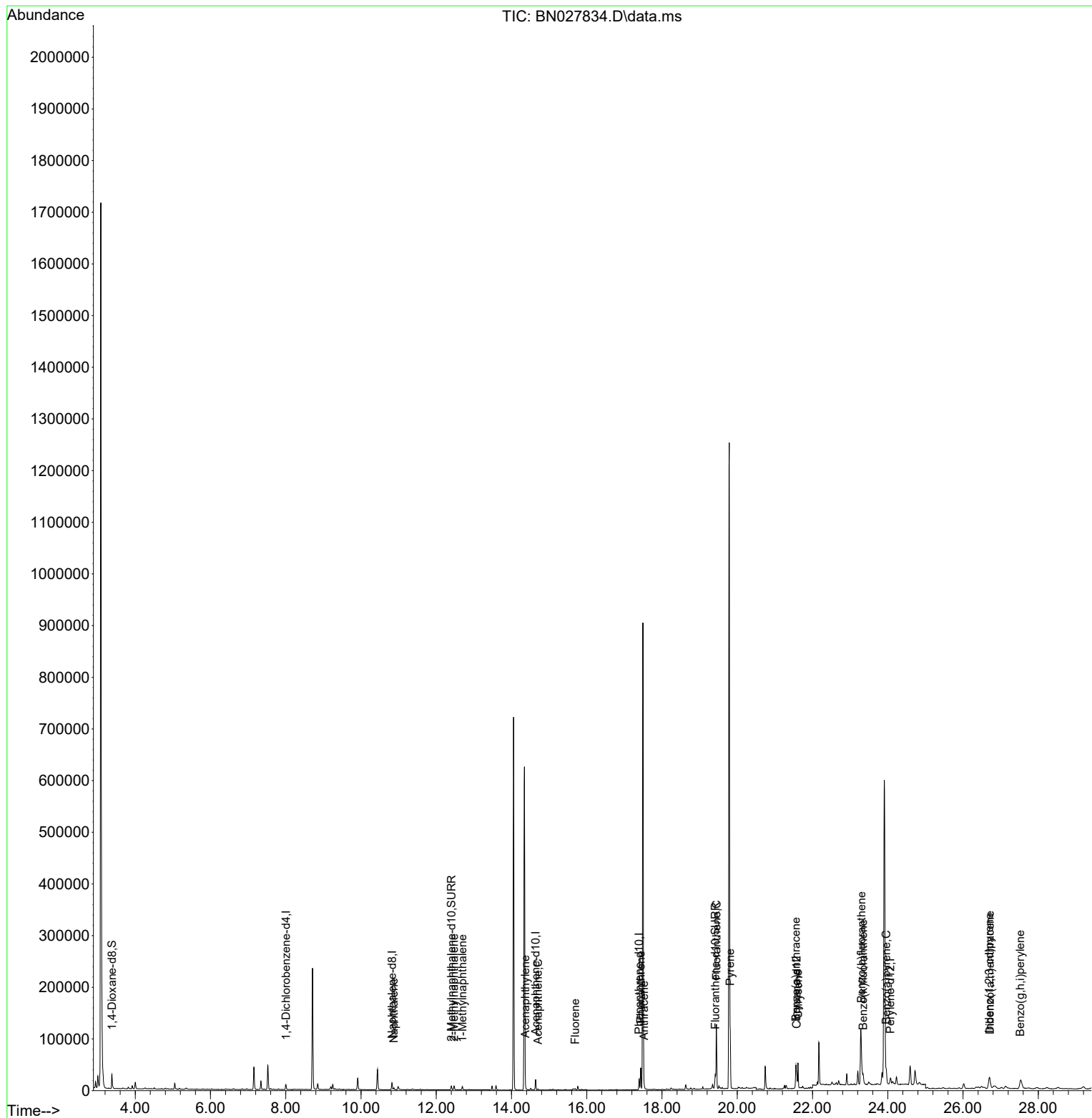
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027834.D
Acq On : 22 Sep 2023 20:55
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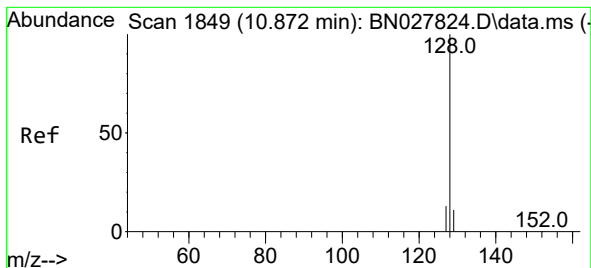
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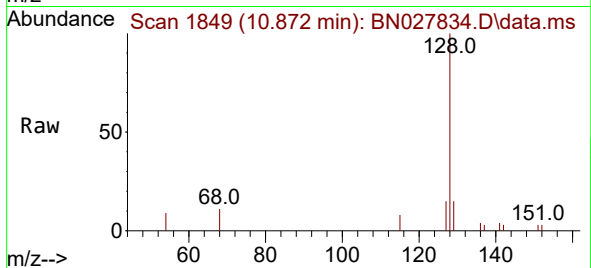
Quant Time: Sep 23 03:49:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.104 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

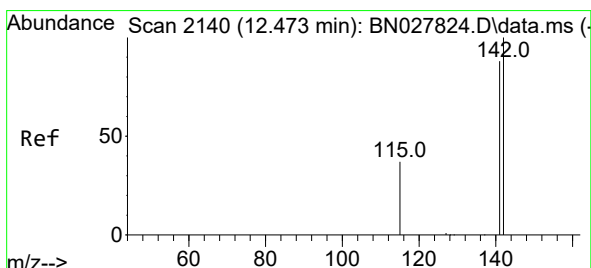
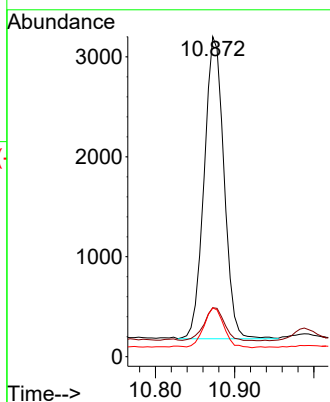
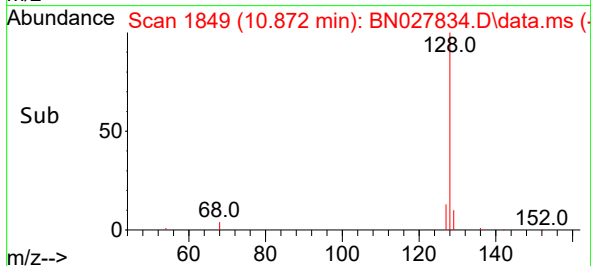
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:128 Resp: 5240
Ion Ratio Lower Upper
128 100
129 15.3 9.3 13.9
127 15.3 10.7 16.1

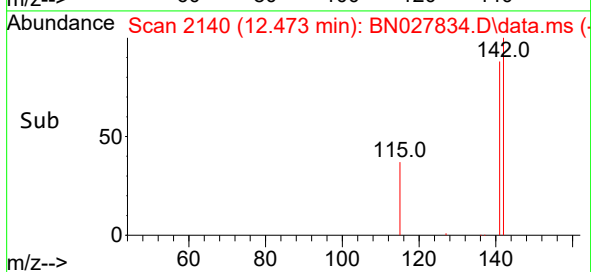
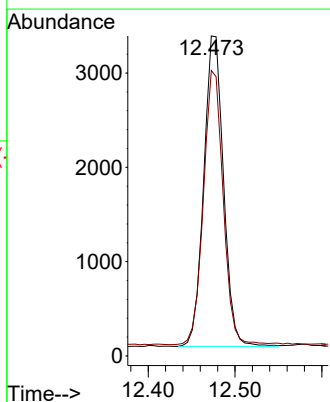
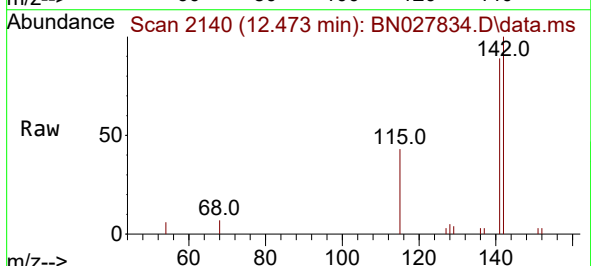
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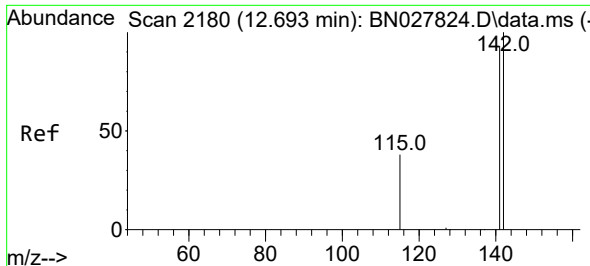
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.162 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

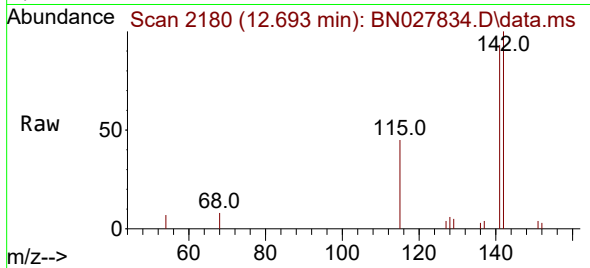
Tgt Ion:142 Resp: 5202
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.132 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

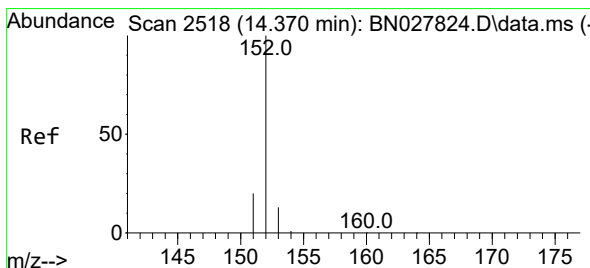
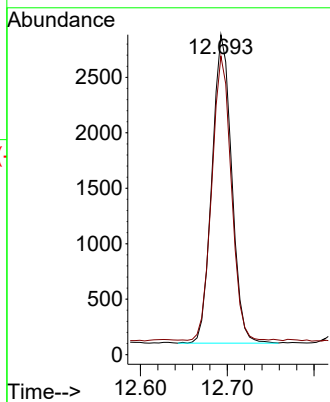
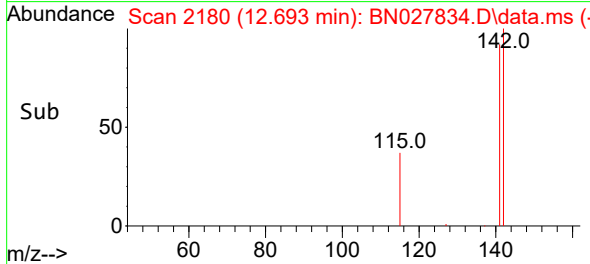
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 438
Ion Ratio Lower Upper
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141 91.8 72.8 109.2

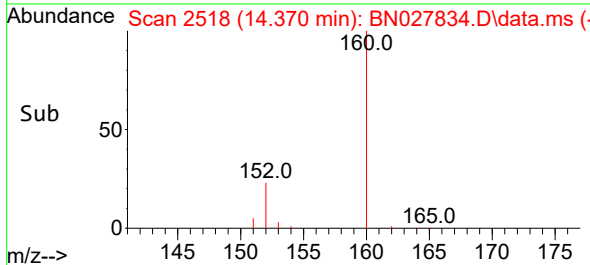
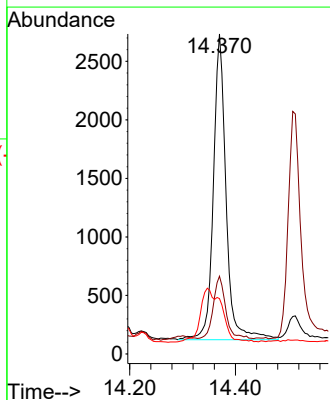
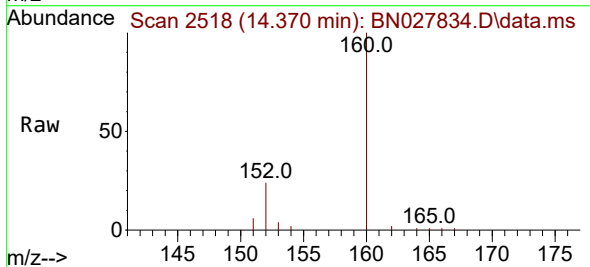
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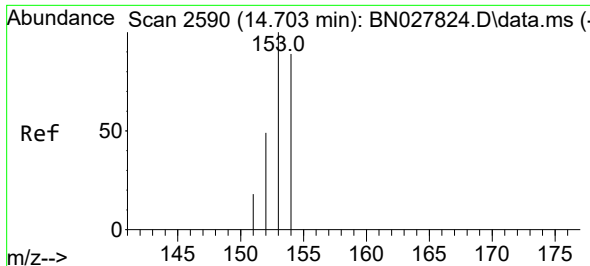
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

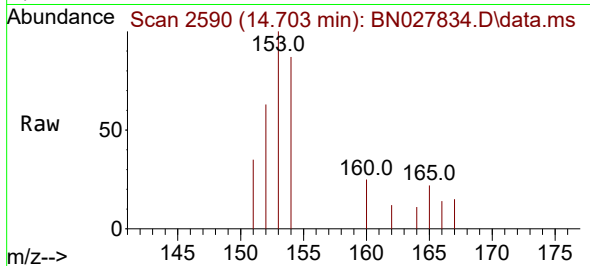
Tgt Ion:152 Resp: 4358
Ion Ratio Lower Upper
152 100
151 24.3 16.6 25.0
153 17.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

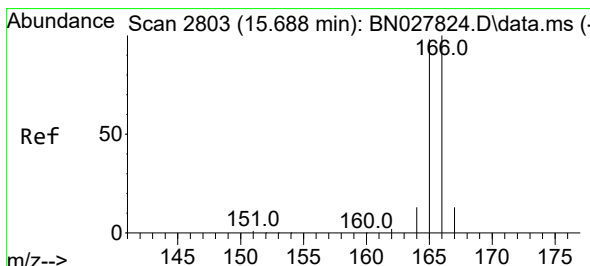
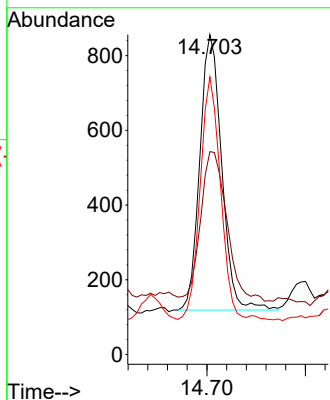
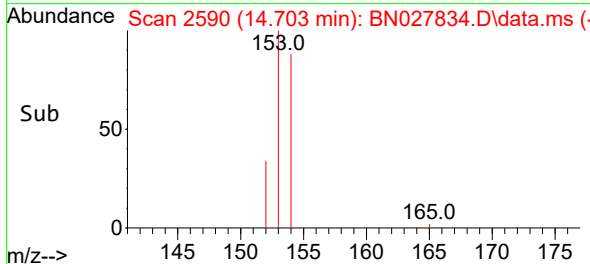
Instrument :
BNA_N
ClientSampleId :
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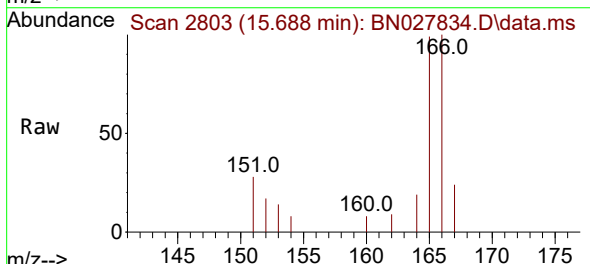
Tgt Ion:153 Resp: 1138
Ion Ratio Lower Upper
153 100
152 63.4 41.7 62.5
154 86.8 70.3 105.5

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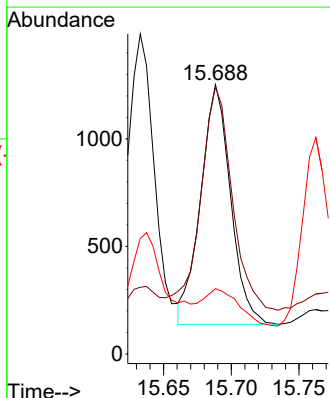
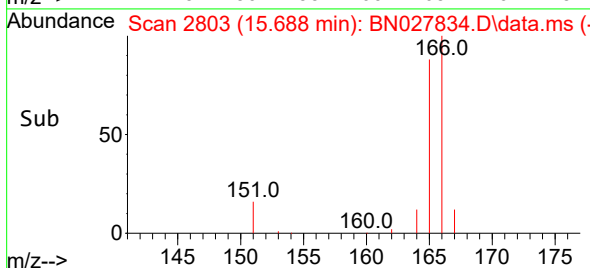
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

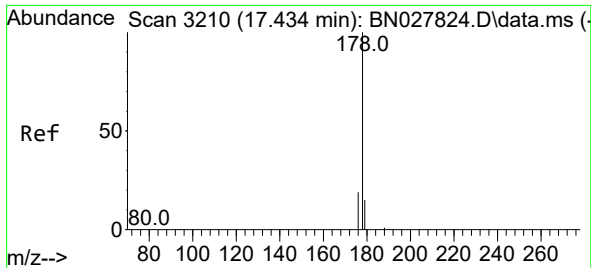


#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55



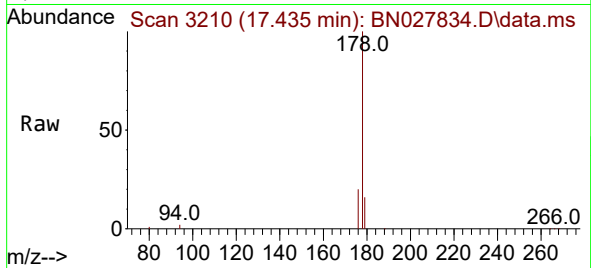
Tgt Ion:166 Resp: 1717
Ion Ratio Lower Upper
166 100
165 99.0 78.0 117.0
167 24.2 11.4 17.2#





#15
Phenanthrene
Concen: 0.561 ng/ul
RT: 17.435 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

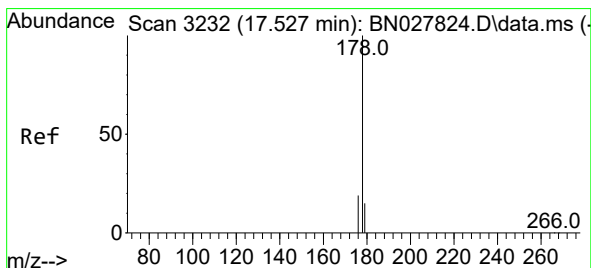
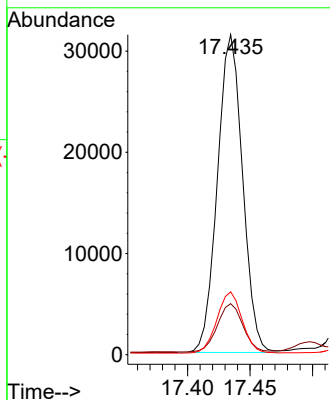
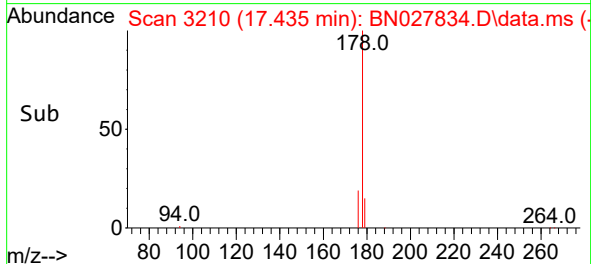
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:178 Resp: 4392
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.6 16.0 24.0

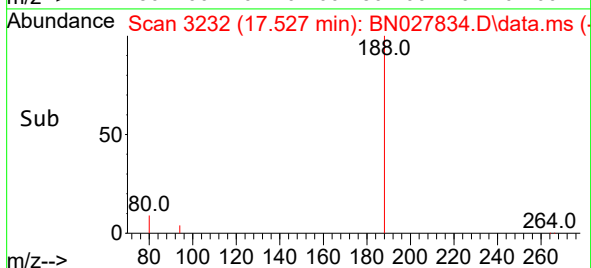
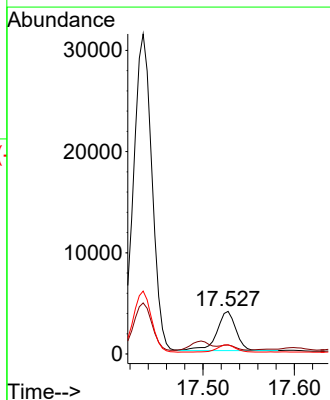
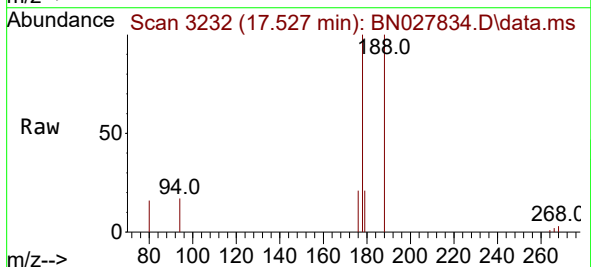
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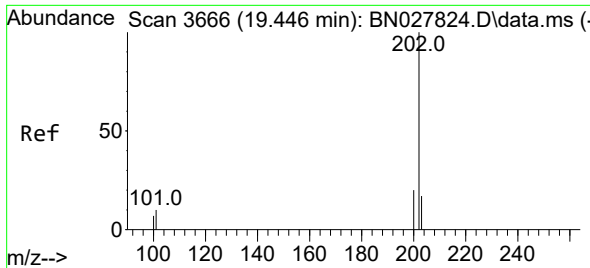
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.085 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

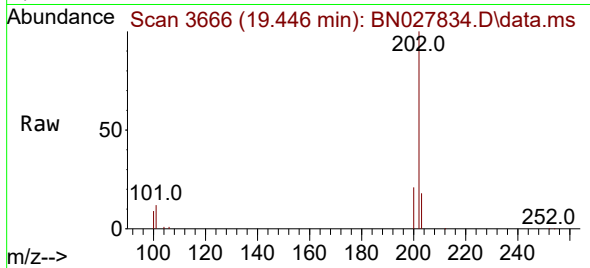
Tgt Ion:178 Resp: 5587
Ion Ratio Lower Upper
178 100
179 21.1 12.6 19.0#
176 21.4 15.5 23.3





#19
Fluoranthene
Concen: 1.251 ng/ul
RT: 19.446 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

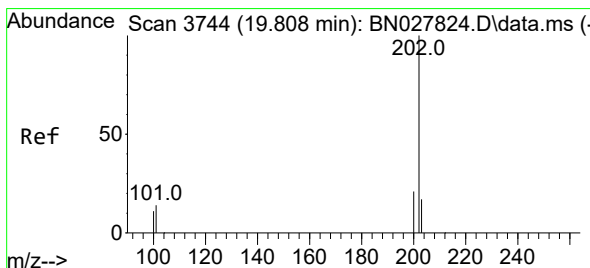
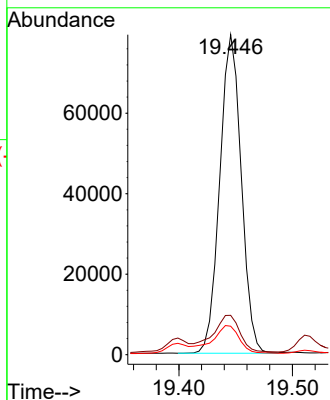
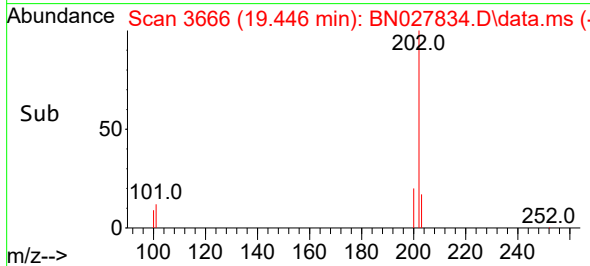
Instrument :
BNA_N
ClientSampleId :
C0AB4



Tgt Ion:202 Resp: 10389
Ion Ratio Lower Upper
202 100
101 12.3 9.3 13.9
100 8.9 7.0 10.4

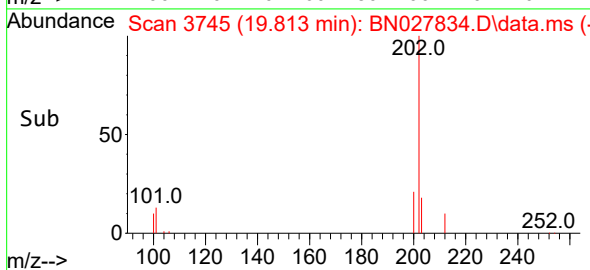
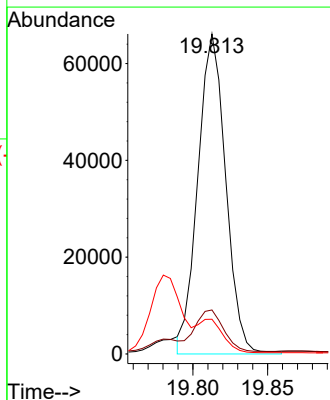
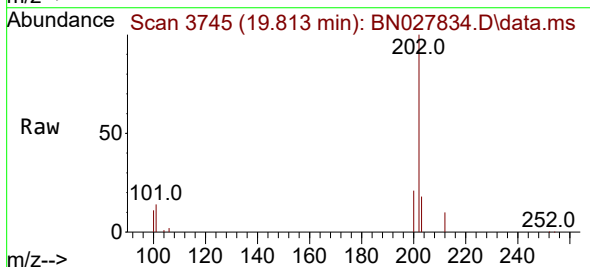
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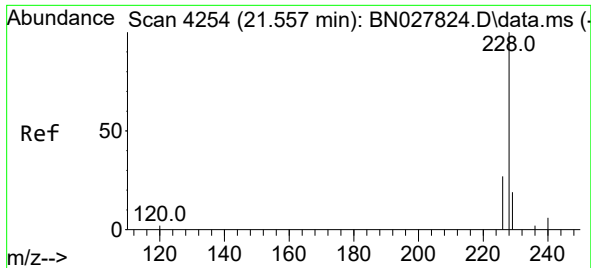
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 1.004 ng/ul m
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

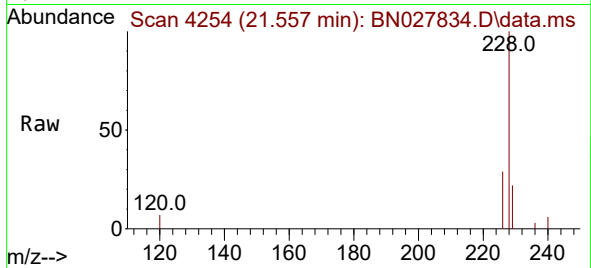
Tgt Ion:202 Resp: 85907
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.493 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

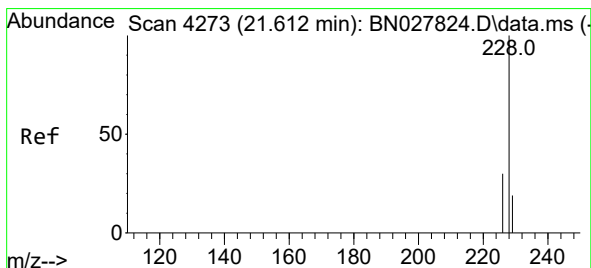
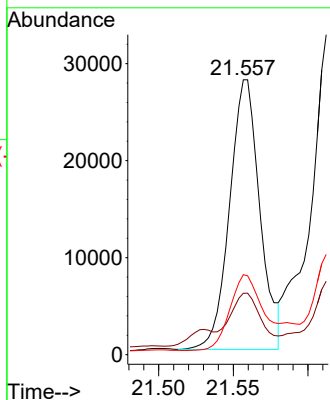
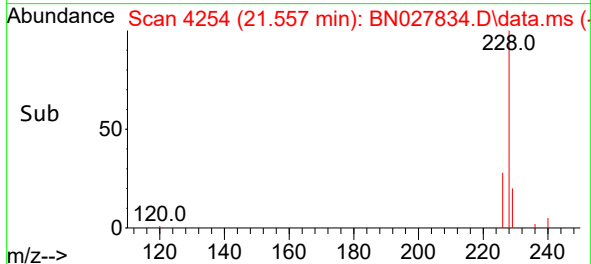
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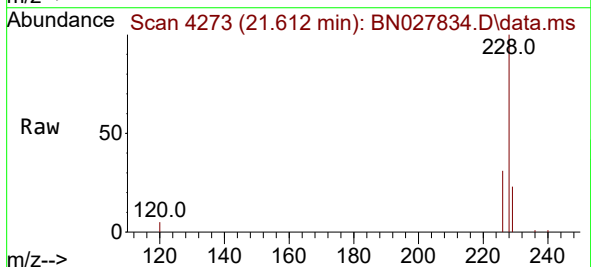
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Ion Ratio Lower Upper
228 100
229 22.3 15.8 23.8
226 29.1 22.0 33.0

Manual Integrations
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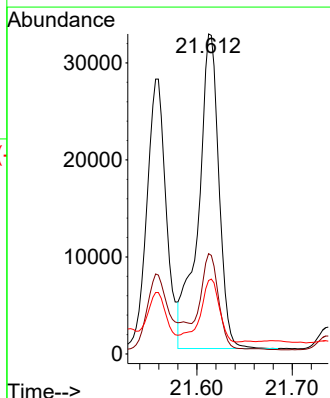
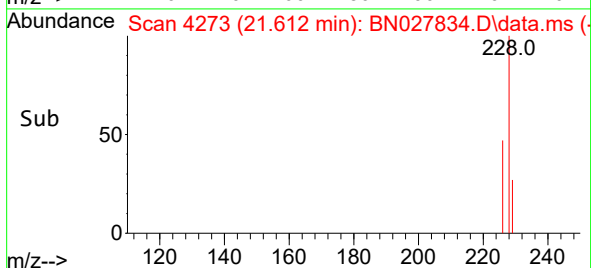
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

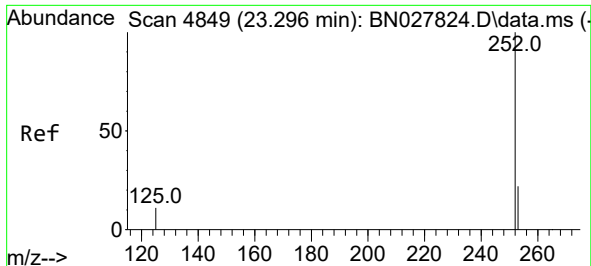


#22
Chrysene
Concen: 0.592 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55



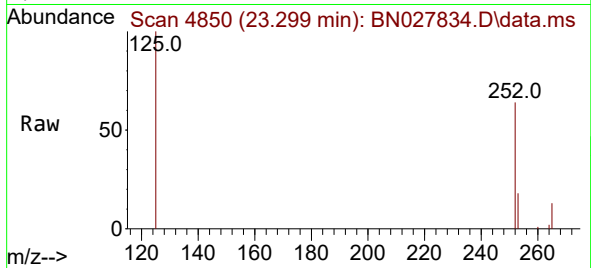
Tgt Ion:228 Resp: 48606
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 23.0 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.793 ng/ul m
RT: 23.299 min Scan# 4849
Delta R.T. 0.009 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

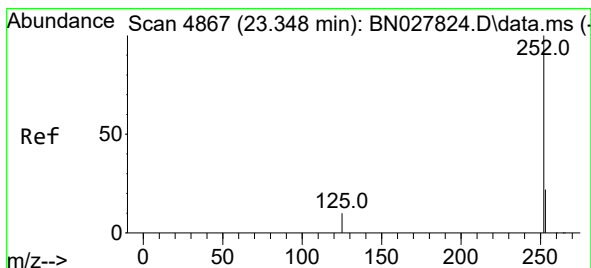
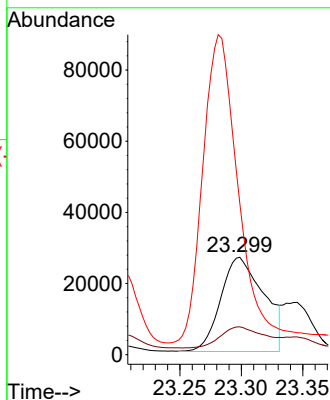
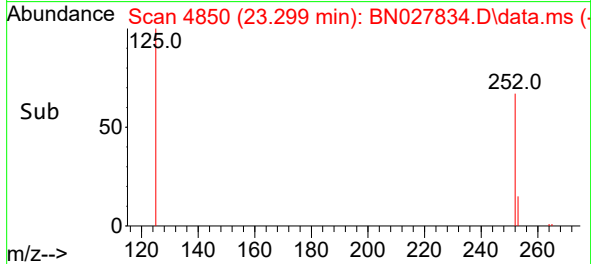
Instrument :
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ClientSampleId :
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Tgt Ion:252 Resp: 65110
Ion Ratio Lower Upper
252 100
253 28.6 0.0 50.2
125 155.5 0.0 31.4

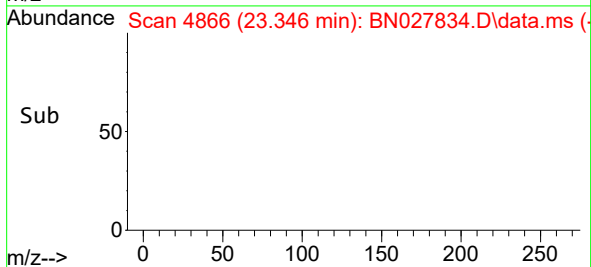
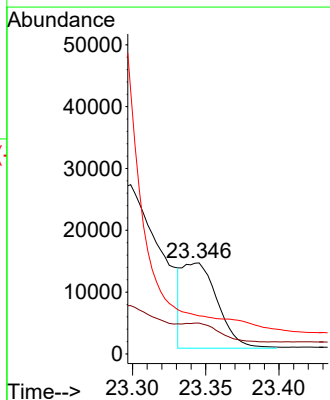
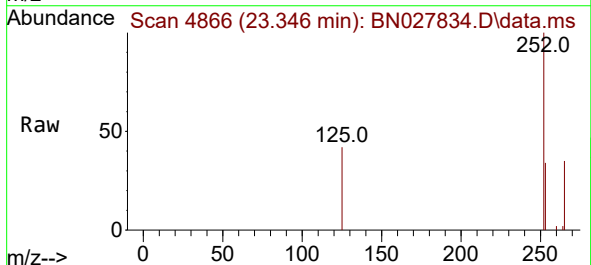
Manual Integrations
APPROVED

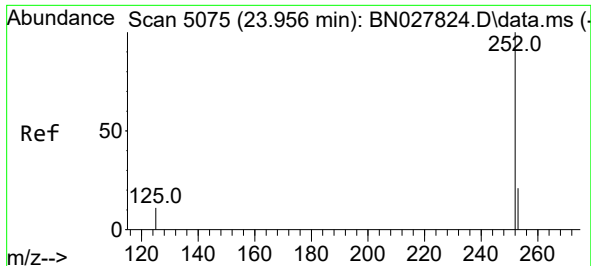
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.290 ng/ul m
RT: 23.346 min Scan# 4866
Delta R.T. 0.003 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

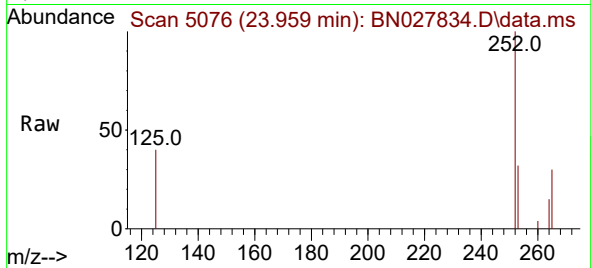
Tgt Ion:252 Resp: 23114
Ion Ratio Lower Upper
252 100
253 33.9 19.9 29.9#
125 41.9 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.559 ng/ul
RT: 23.959 min Scan# 5075
Delta R.T. 0.009 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55

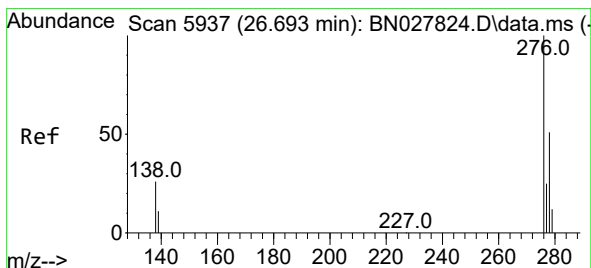
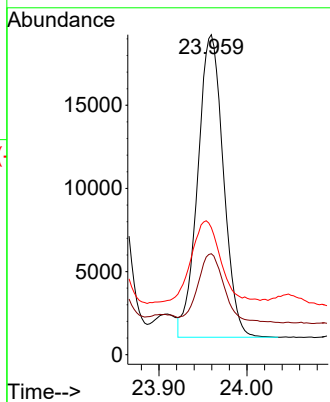
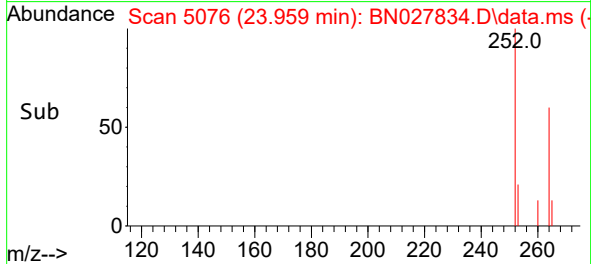
Instrument :
BNA_N
ClientSampleId :
C0AB4



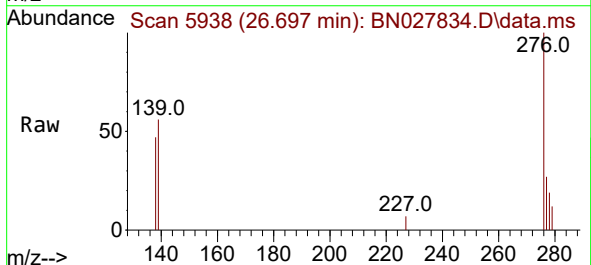
Tgt Ion:252 Resp: 36908
Ion Ratio Lower Upper
252 100
253 31.5 21.9 32.9
125 39.7 15.5 23.3

Manual Integrations
APPROVED

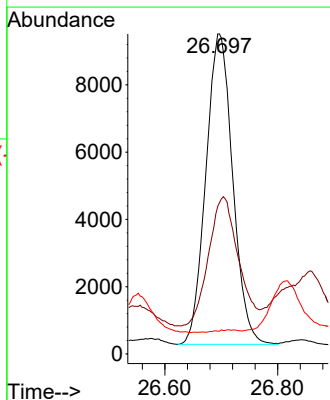
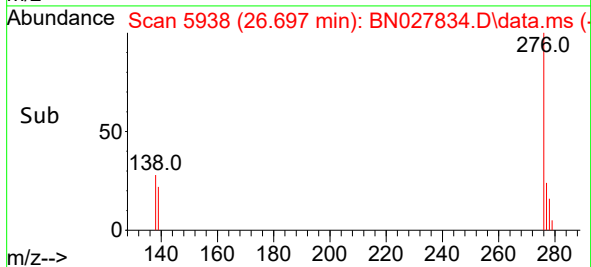
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

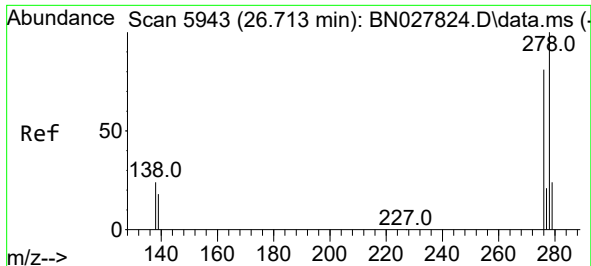


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.360 ng/ul
RT: 26.697 min Scan# 5938
Delta R.T. 0.014 min
Lab File: BN027834.D
Acq: 22 Sep 2023 20:55



Tgt Ion:276 Resp: 30458
Ion Ratio Lower Upper
276 100
138 47.5 24.3 36.5#
227 0.5 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.105 ng/ul

RT: 26.714 min Scan# 5943

Delta R.T. 0.007 min

Lab File: BN027834.D

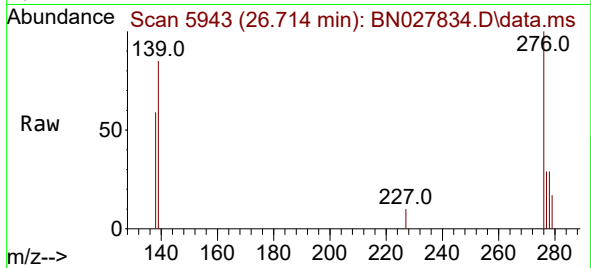
Acq: 22 Sep 2023 20:55

Instrument :

BNA_N

ClientSampleId :

C0AB4



Tgt Ion:278 Resp: 716

Ion Ratio Lower Upper

278 100

139 293.9 17.2 25.8

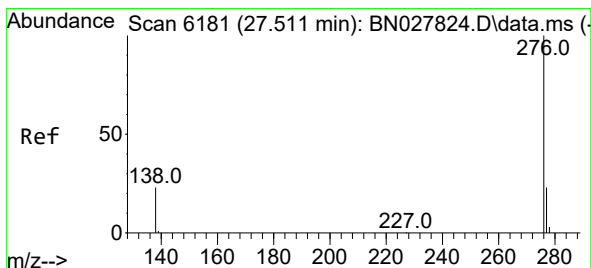
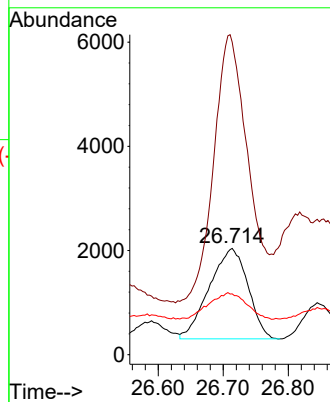
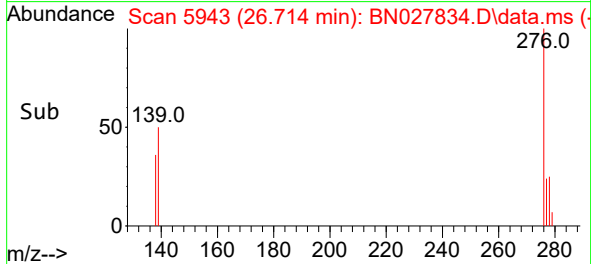
279 57.2 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#29

Benzo(g,h,i)perylene

Concen: 0.399 ng/ul

RT: 27.522 min Scan# 6184

Delta R.T. 0.017 min

Lab File: BN027834.D

Acq: 22 Sep 2023 20:55

Tgt Ion:276 Resp: 28645

Ion Ratio Lower Upper

276 100

138 44.7 21.7 32.5

277 27.8 20.2 30.2

