

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044114.D
 Acq On : 15 Feb 2024 23:24
 Operator : MA/JU
 Sample : P1329-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FM2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 02:31:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	9201	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	27985	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.547	164	19781	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.296	188	31390m	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	16472m	0.400	ng/ul	0.00
23) Perylene-d12	23.897	264	16437m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	57001	4.375	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	20998	0.536	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	22186m	0.451	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.754	128	263213	3.165	ng/ul#	89
7) 2-Methylnaphthalene	12.371	142	620362	12.092	ng/ul	97
8) 1-Methylnaphthalene	12.591	142	496992	9.575	ng/ul	96
10) Acenaphthylene	14.274	152	29317	0.270	ng/ul#	1
11) Acenaphthene	14.607	153	32526	0.413	ng/ul#	87
12) Fluorene	15.597	166	33943	0.382	ng/ul#	84
14) Pentachlorophenol	16.942	266	913	0.081	ng/ul	97
15) Phenanthrene	17.339	178	83698m	0.841	ng/ul	
16) Anthracene	17.431	178	4354m	0.044	ng/ul	
19) Fluoranthene	19.359	202	637497m	8.489	ng/ul	
20) Pyrene	19.726	202	275389	3.487	ng/ul#	94
21) Benzo(a)anthracene	21.485	228	125827m	1.668	ng/ul	
22) Chrysene	21.541	228	177600m	2.184	ng/ul	
24) Benzo(b)fluoranthene	23.172	252	191211m	2.819	ng/ul	
25) Benzo(k)fluoranthene	23.215	252	75329m	1.023	ng/ul	
26) Benzo(a)pyrene	23.791	252	108780m	1.725	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.373	276	71895m	0.896	ng/ul	
28) Dibenzo(a,h)anthracene	26.390	278	19612m	0.310	ng/ul	
29) Benzo(g,h,i)perylene	27.134	276	68400m	0.963	ng/ul	

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

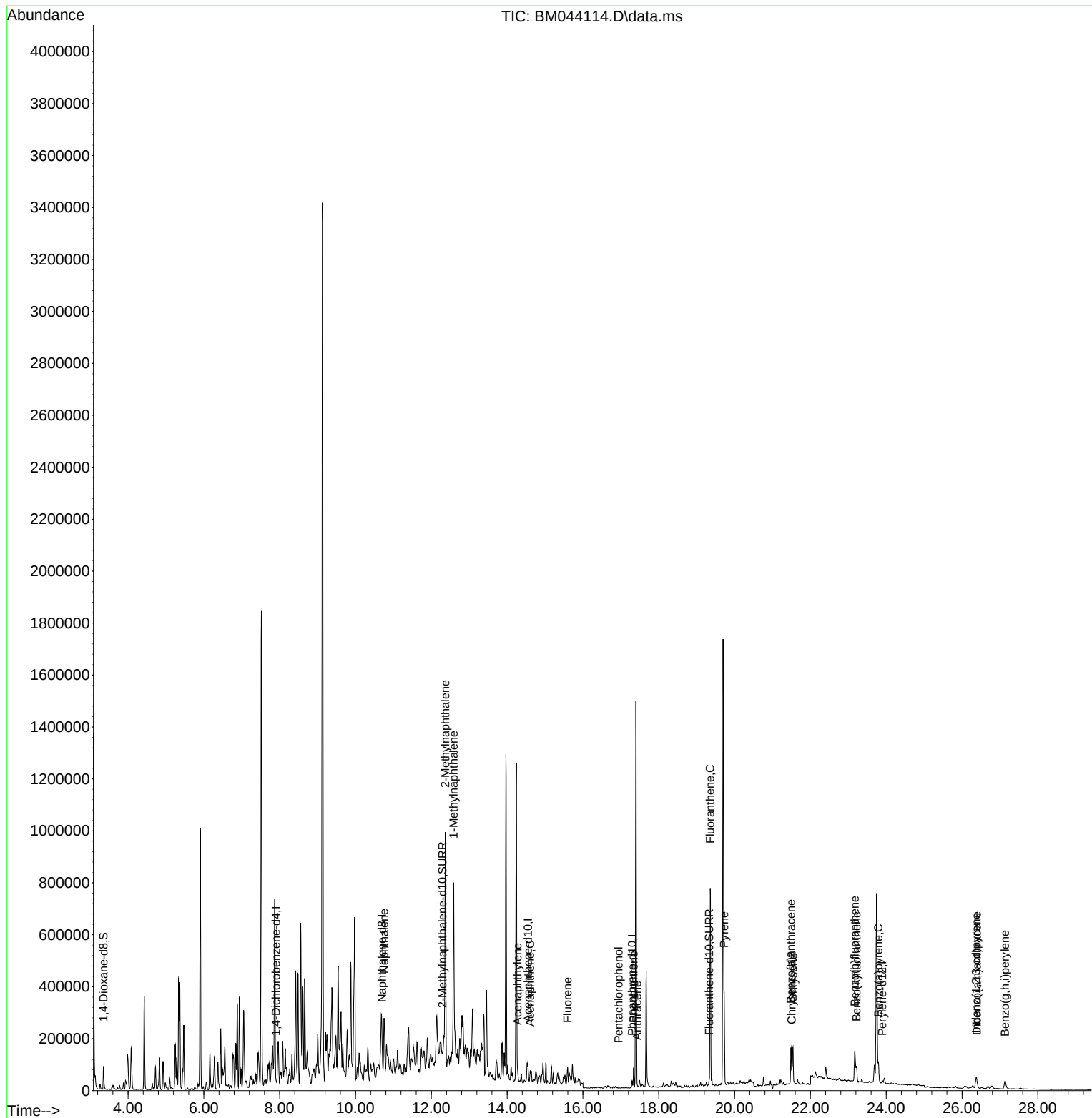
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044114.D
Acq On : 15 Feb 2024 23:24
Operator : MA/JU
Sample : P1329-11
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ALS Vial : 24 Sample Multiplier: 1

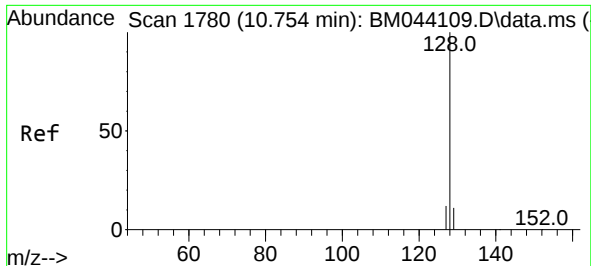
Instrument :
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ClientSampleId :
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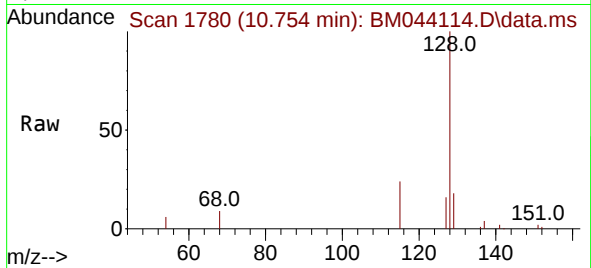
Quant Time: Feb 17 02:31:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 3.165 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

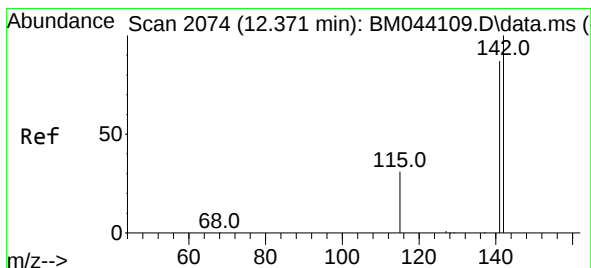
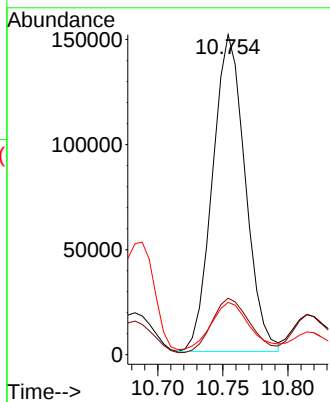
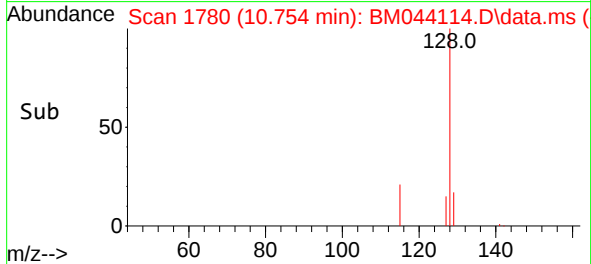
Instrument :
BNA_M
ClientSampleId :
C0FM2



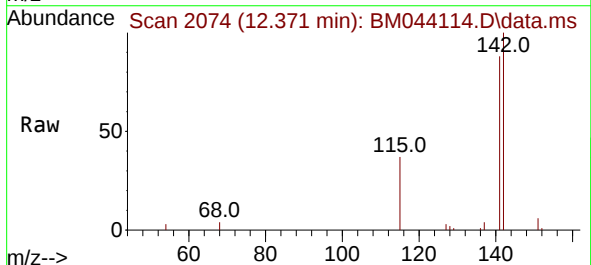
Tgt Ion:128 Resp: 26321
Ion Ratio Lower Upper
128 100
129 17.6 9.5 14.3
127 16.3 10.7 16.1

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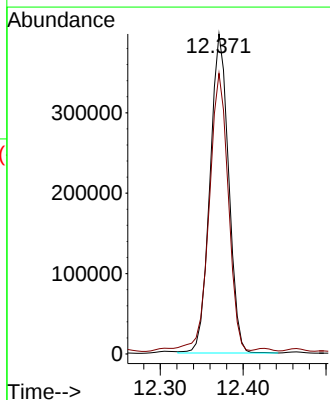
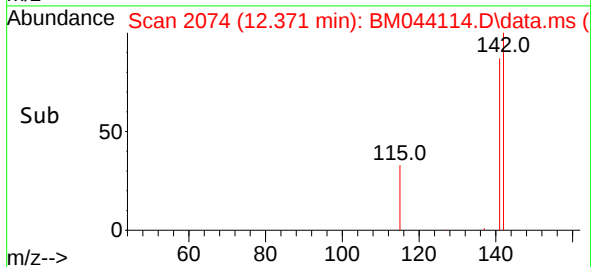
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

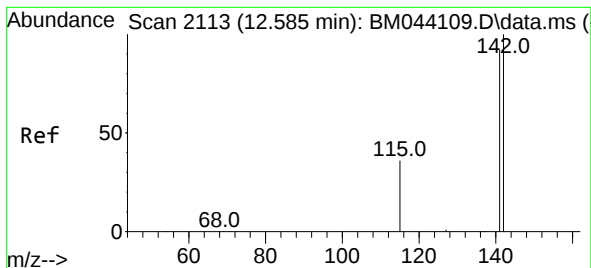


#7
2-Methylnaphthalene
Concen: 12.092 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24



Tgt Ion:142 Resp: 620362
Ion Ratio Lower Upper
142 100
141 90.1 70.0 105.0





#8

1-Methylnaphthalene

Concen: 9.575 ng/u1

RT: 12.591 min Scan# 2114

Delta R.T. 0.000 min

Lab File: BM044114.D

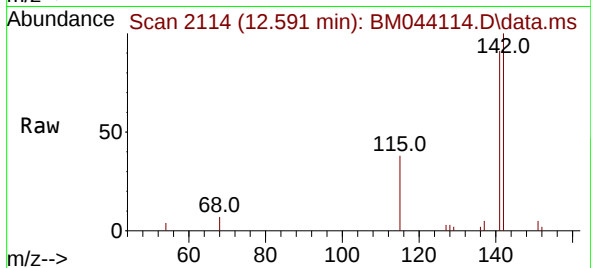
Acq: 15 Feb 2024 23:24

Instrument :

BNA_M

ClientSampleId :

C0FM2



Tgt Ion:142 Resp: 496992

Ion Ratio Lower Upper

142 100

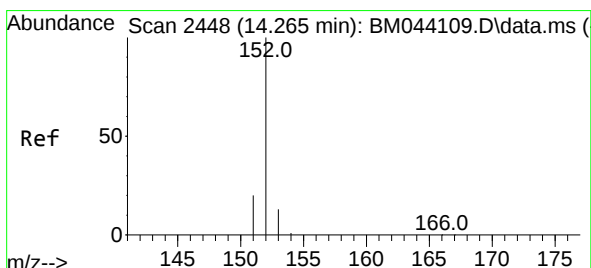
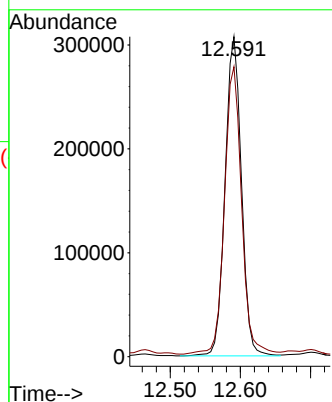
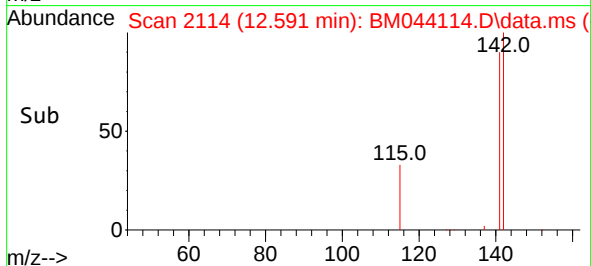
141 94.0 72.5 108.7

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#10

Acenaphthylene

Concen: 0.270 ng/u1

RT: 14.274 min Scan# 2450

Delta R.T. 0.005 min

Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

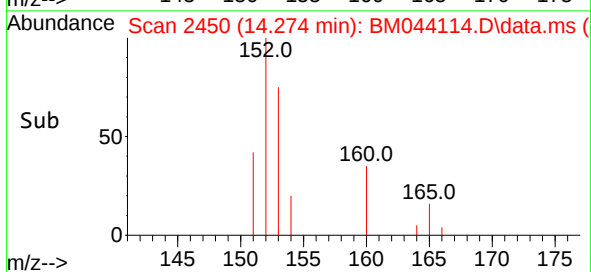
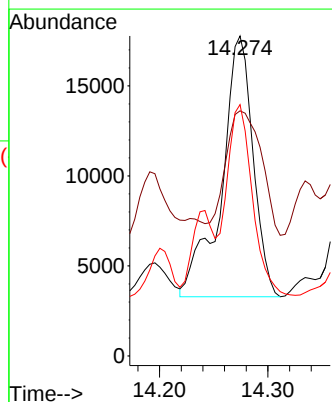
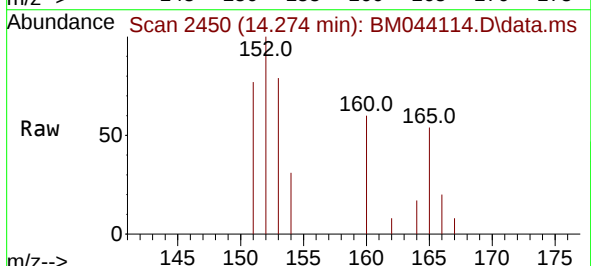
Tgt Ion:152 Resp: 29317

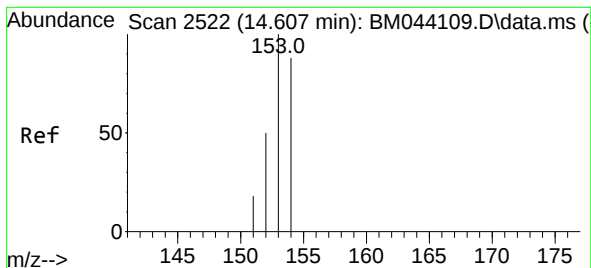
Ion Ratio Lower Upper

152 100

151 76.6 15.5 23.3#

153 78.5 10.8 16.2#





#11

Acenaphthene

Concen: 0.413 ng/u1

RT: 14.607 min Scan# 2522

Delta R.T. 0.000 min

Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

Instrument :

BNA_M

ClientSampleId :

C0FM2

Tgt Ion:153 Resp: 32520

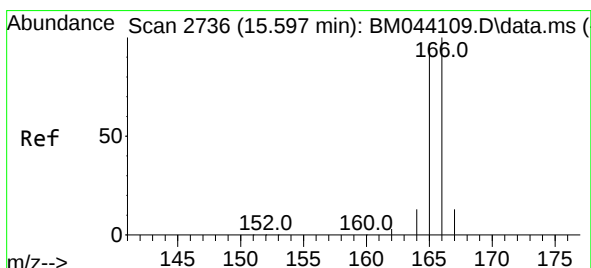
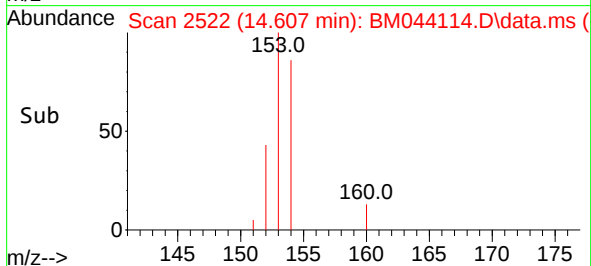
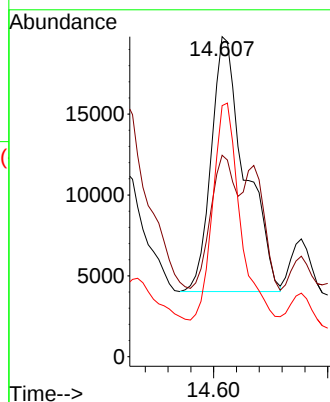
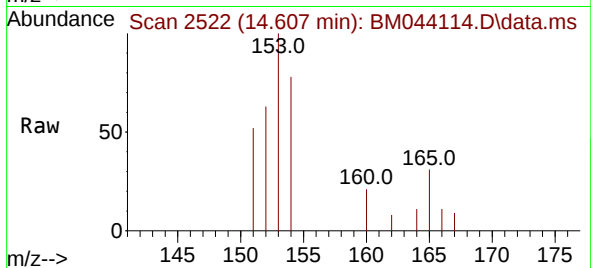
Ion	Ratio	Lower	Upper
153	100		
152	62.9	40.6	61.0
154	78.5	70.1	105.1

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#12

Fluorene

Concen: 0.382 ng/u1

RT: 15.597 min Scan# 2736

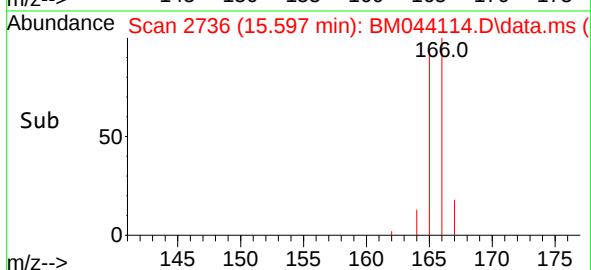
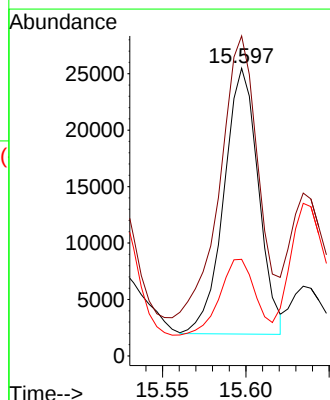
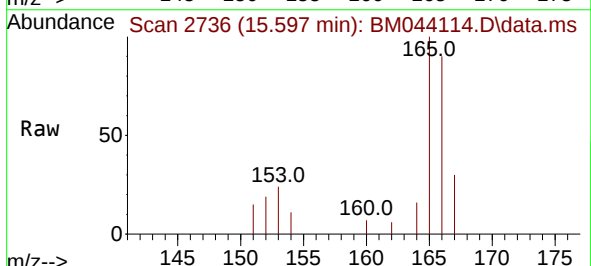
Delta R.T. 0.000 min

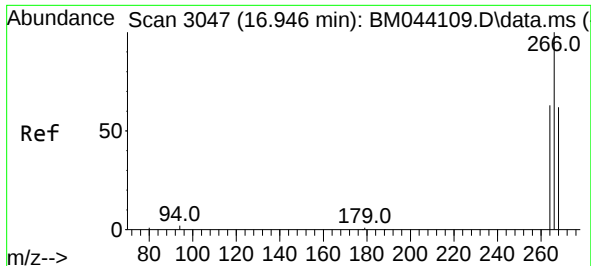
Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

Tgt Ion:166 Resp: 33943

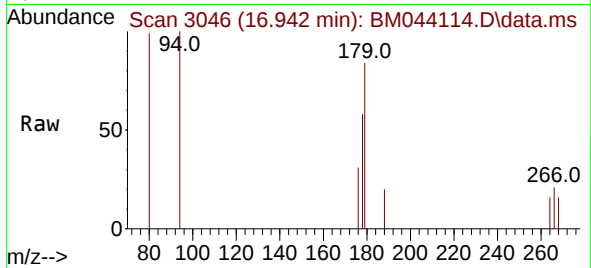
Ion	Ratio	Lower	Upper
166	100		
165	111.2	79.8	119.6
167	33.6	11.1	16.7





#14
Pentachlorophenol
Concen: 0.081 ng/ul
RT: 16.942 min Scan# 3047
Delta R.T. -0.004 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

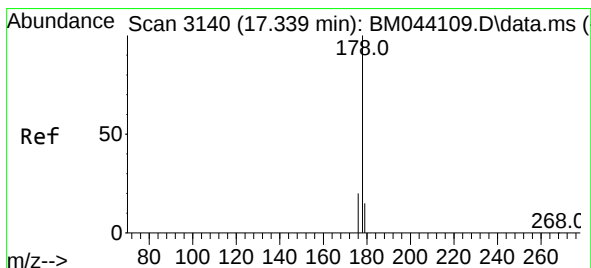
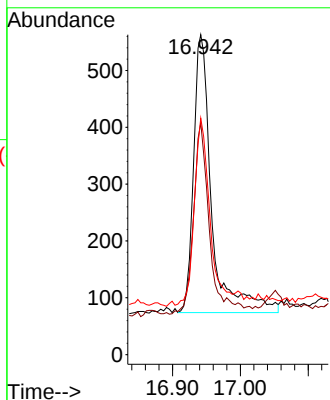
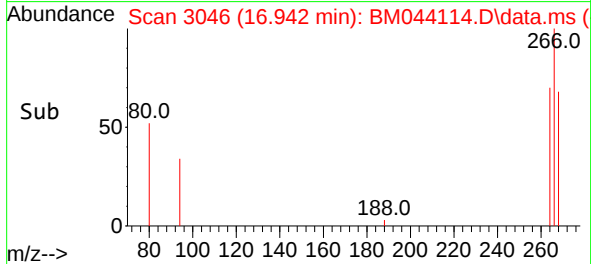
Instrument :
BNA_M
ClientSampleId :
COFM2



Tgt Ion:266 Resp: 911
Ion Ratio Lower Upper
266 100
264 62.4 49.4 74.0
268 60.6 52.1 78.1

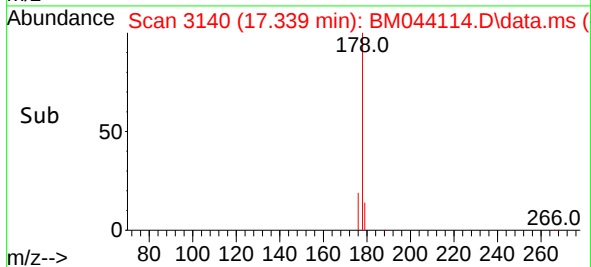
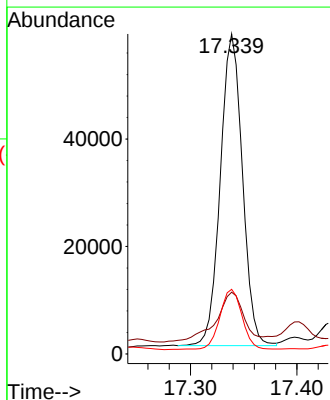
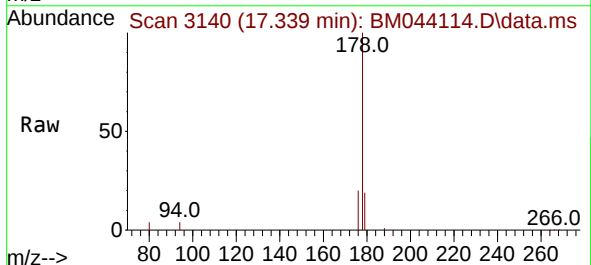
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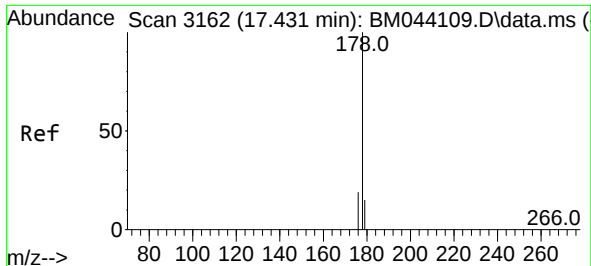
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#15
Phenanthrene
Concen: 0.841 ng/ul m
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

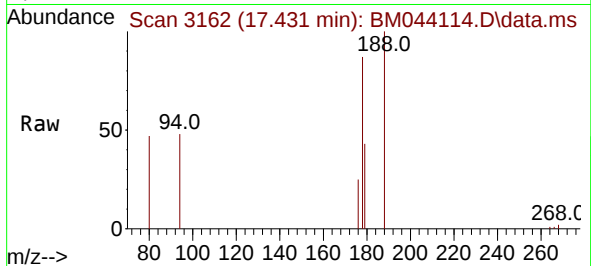
Tgt Ion:178 Resp: 83698
Ion Ratio Lower Upper
178 100
179 19.3 12.6 19.0#
176 20.2 16.0 24.0





#16
 Anthracene
 Concen: 0.044 ng/ul m
 RT: 17.431 min Scan# 3162
 Delta R.T. -0.004 min
 Lab File: BM044114.D
 Acq: 15 Feb 2024 23:24

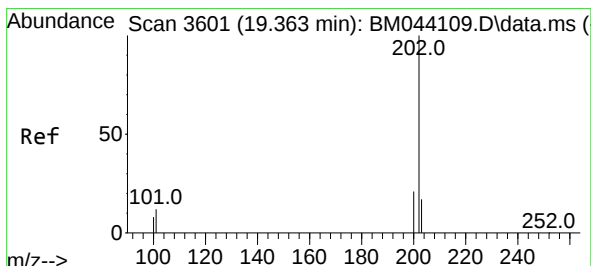
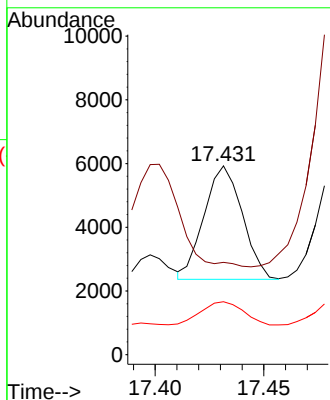
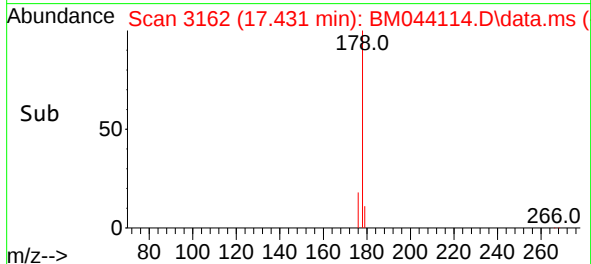
Instrument :
 BNA_M
 ClientSampleId :
 C0FM2



Tgt Ion:178 Resp: 4354
 Ion Ratio Lower Upper
 178 100
 179 48.9 12.8 19.2
 176 28.1 15.3 22.9

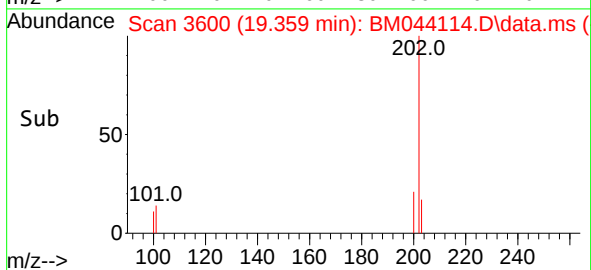
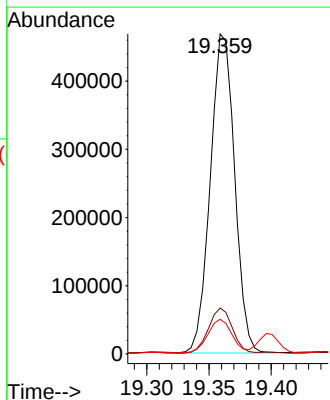
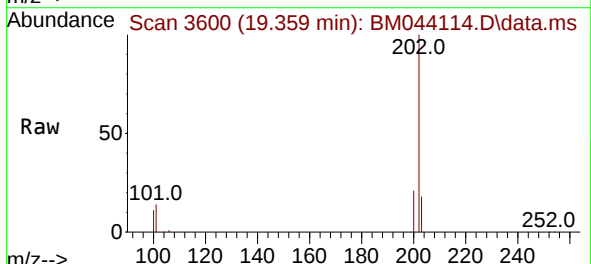
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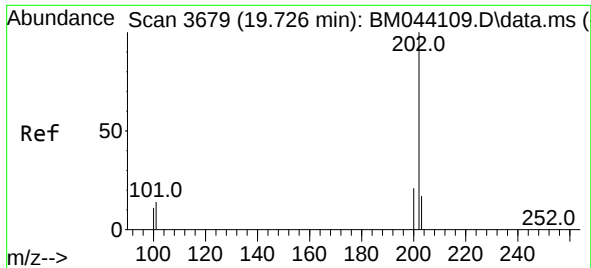
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



#19
 Fluoranthene
 Concen: 8.489 ng/ul m
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM044114.D
 Acq: 15 Feb 2024 23:24

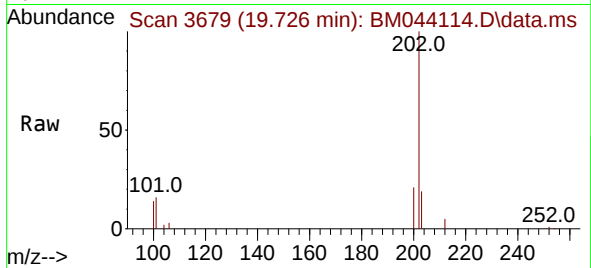
Tgt Ion:202 Resp: 637497
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.8 14.6
 100 10.8 7.0 10.4





#20
Pyrene
Concen: 3.487 ng/ul
RT: 19.726 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

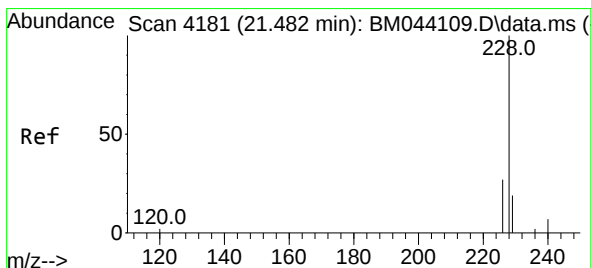
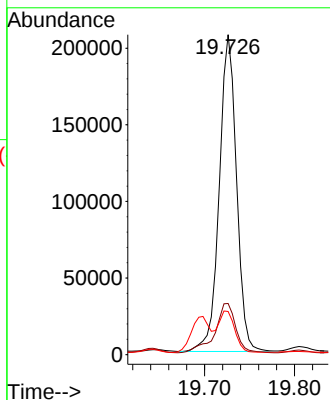
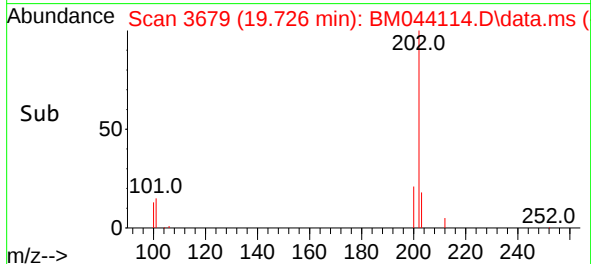
Instrument :
BNA_M
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C0FM2



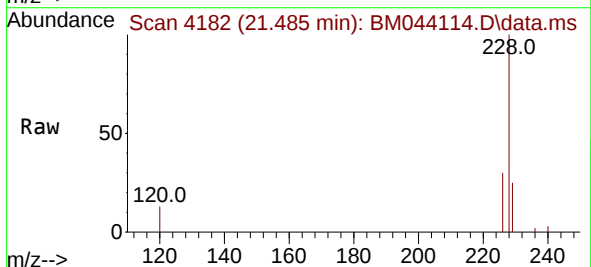
Tgt Ion:202 Resp: 275389
Ion Ratio Lower Upper
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101 16.0 11.2 16.8
100 13.5 8.6 13.0

Manual Integrations
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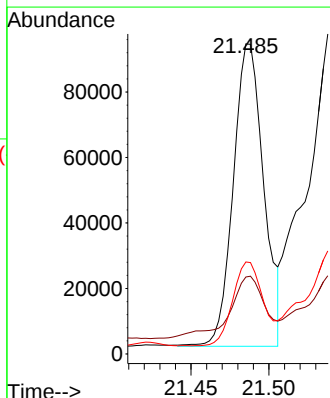
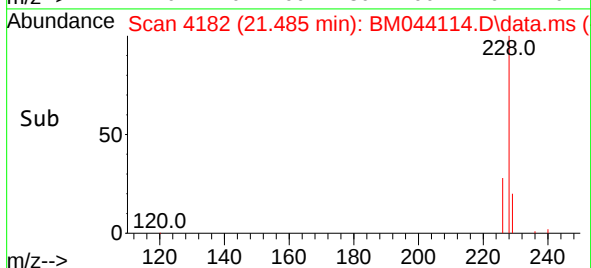
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

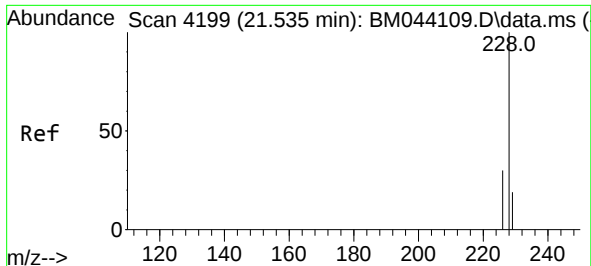


#21
Benzo(a)anthracene
Concen: 1.668 ng/ul m
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24



Tgt Ion:228 Resp: 125827
Ion Ratio Lower Upper
228 100
229 24.8 15.4 23.2#
226 29.7 22.1 33.1





#22

Chrysene

Concen: 2.184 ng/ul m

RT: 21.541 min Scan# 4199

Delta R.T. 0.003 min

Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

Instrument :

BNA_M

ClientSampleId :

C0FM2

Tgt Ion:228 Resp: 177600

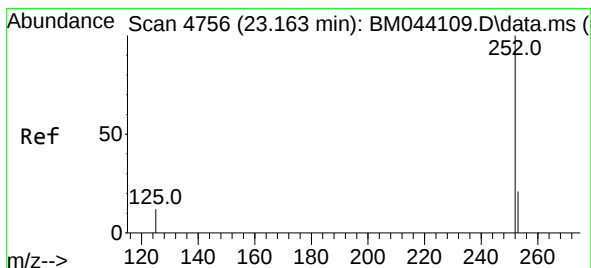
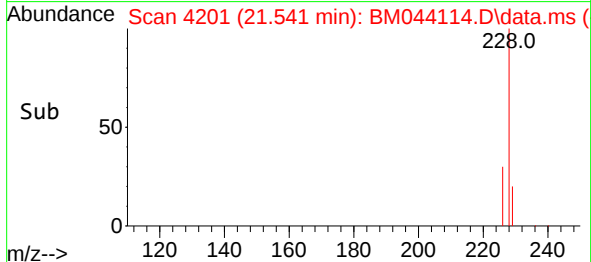
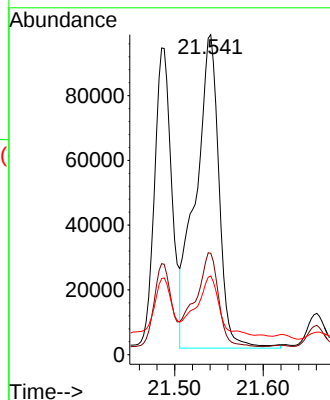
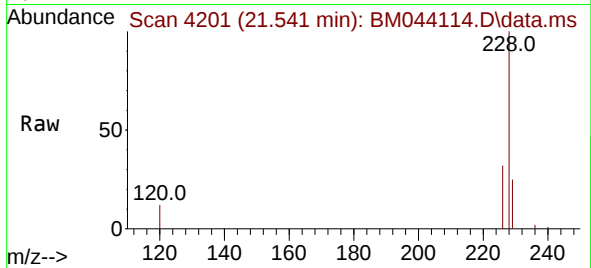
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.2	36.2
229	24.6	15.8	23.6

Manual Integrations

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Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#24

Benzo(b)fluoranthene

Concen: 2.819 ng/ul m

RT: 23.172 min Scan# 4759

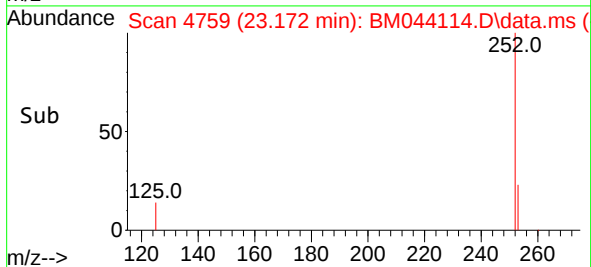
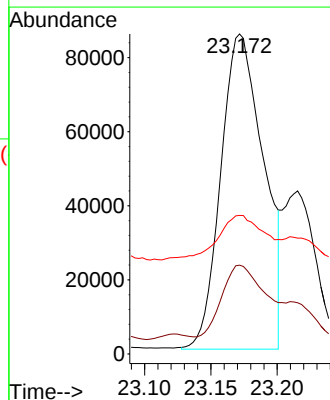
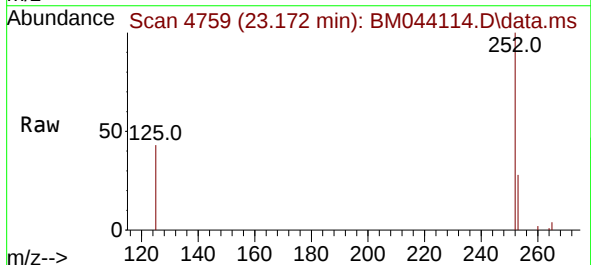
Delta R.T. 0.009 min

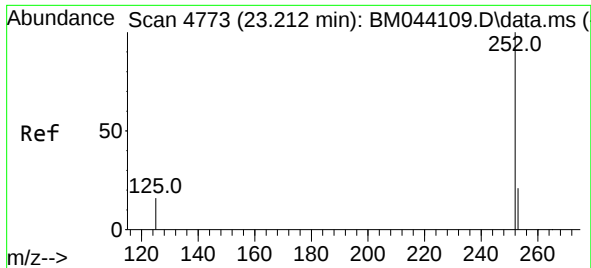
Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

Tgt Ion:252 Resp: 191211

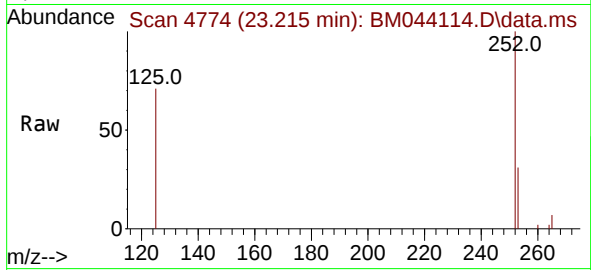
Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	50.0
125	43.3	0.0	28.2





#25
Benzo(k)fluoranthene
Concen: 1.023 ng/ul m
RT: 23.215 min Scan# 4773
Delta R.T. 0.003 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

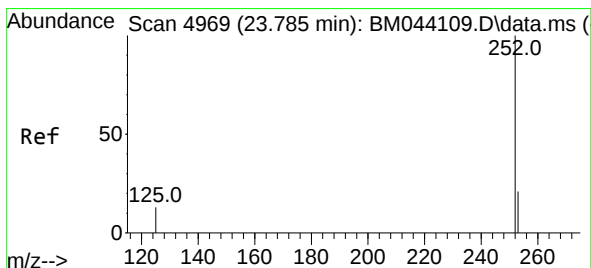
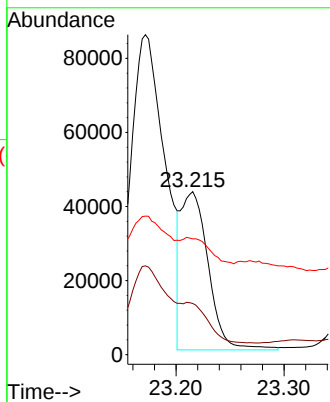
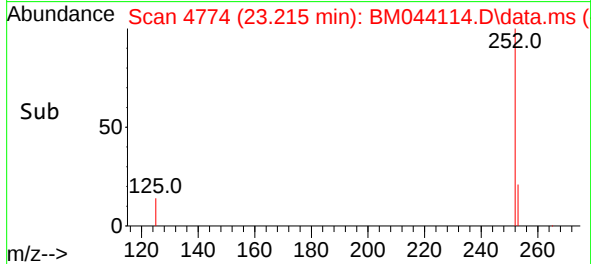
Instrument :
BNA_M
ClientSampleId :
C0FM2



Tgt Ion:252 Resp: 75329
Ion Ratio Lower Upper
252 100
253 31.4 20.1 30.1
125 71.1 12.3 18.5

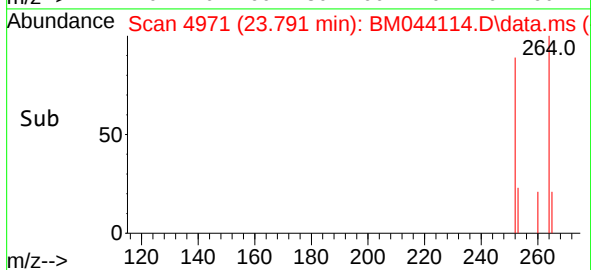
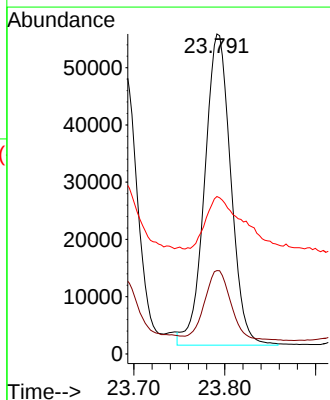
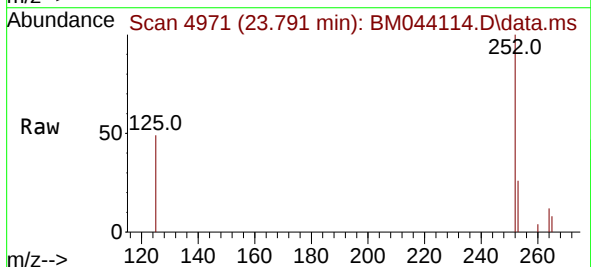
Manual Integrations
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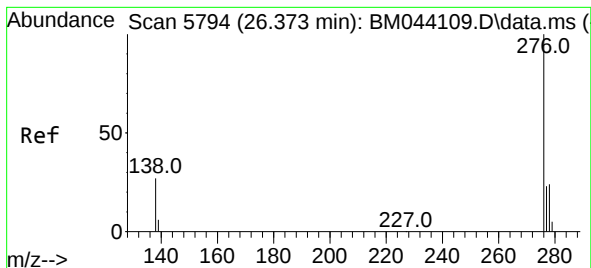
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 1.725 ng/ul m
RT: 23.791 min Scan# 4971
Delta R.T. 0.006 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

Tgt Ion:252 Resp: 108780
Ion Ratio Lower Upper
252 100
253 26.0 21.4 32.2
125 49.2 13.3 19.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.896 ng/ul m

RT: 26.373 min Scan# 5794

Delta R.T. 0.003 min

Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

Instrument :

BNA_M

ClientSampleId :

C0FM2

Tgt Ion:276 Resp: 7189

Ion Ratio Lower Upper

276 100

138 3.8 25.2 37.8

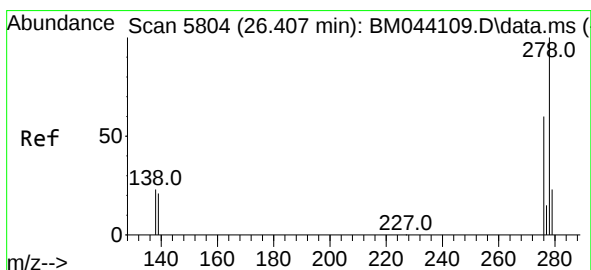
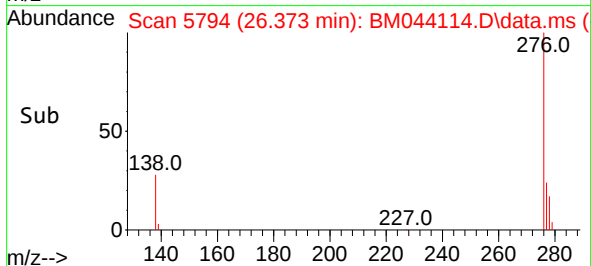
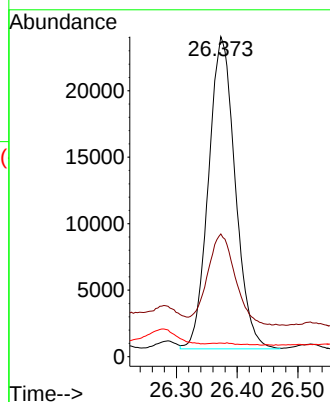
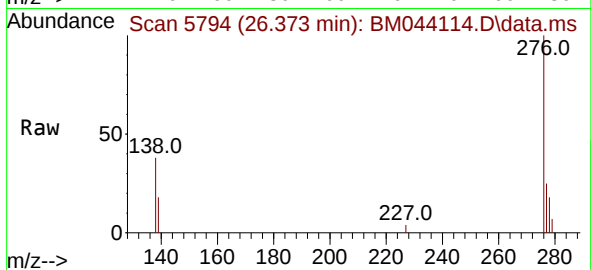
227 0.7 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/17/2024

Supervised By :mohammad ahmed 02/19/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul m

RT: 26.390 min Scan# 5799

Delta R.T. -0.020 min

Lab File: BM044114.D

Acq: 15 Feb 2024 23:24

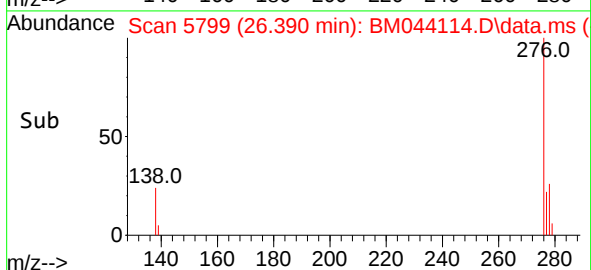
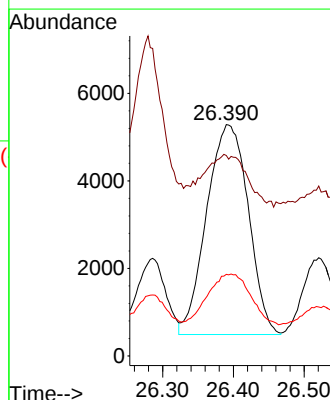
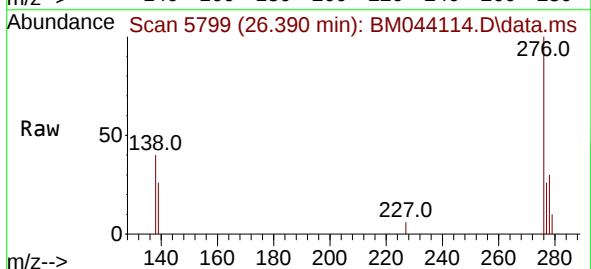
Tgt Ion:278 Resp: 19612

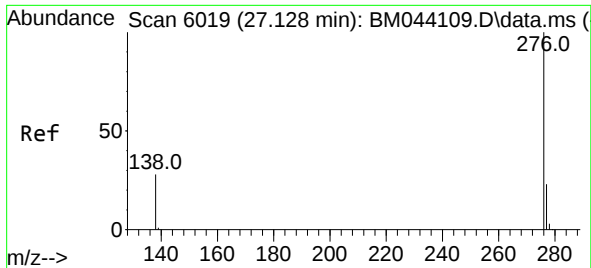
Ion Ratio Lower Upper

278 100

139 86.6 17.8 26.8

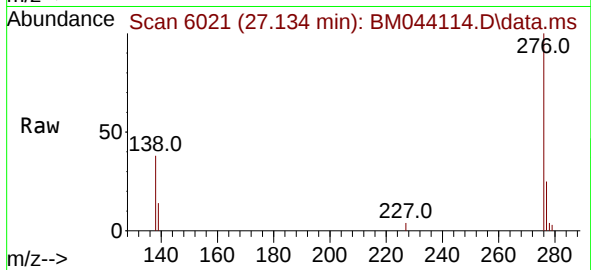
279 35.3 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.963 ng/ul m
RT: 27.134 min Scan# 6019
Delta R.T. 0.007 min
Lab File: BM044114.D
Acq: 15 Feb 2024 23:24

Instrument :
BNA_M
ClientSampleId :
C0FM2



Tgt Ion:276 Resp: 68400
Ion Ratio Lower Upper
276 100
138 37.9 22.7 34.1
277 25.2 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

