

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
 Data File : BM044178.D
 Acq On : 19 Feb 2024 15:18
 Operator : MA/JU
 Sample : P1352-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FN3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 19 15:49:05 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	7.896	152	6478	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	19688	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.538	164	9553	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	20069m	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	13497m	0.400	ng/ul	0.00
23) Perylene-d12	23.885	264	19685m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	43912	4.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	7662	0.278	ng/ul	-0.01
18) Fluoranthene-d10	19.326	212	14650m	0.364	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.749	128	4265	0.073	ng/ul#	87
7) 2-Methylnaphthalene	12.365	142	2324	0.064	ng/ul	94
8) 1-Methylnaphthalene	12.580	142	2619	0.072	ng/ul	93
10) Acenaphthylene	14.261	152	8980	0.171	ng/ul#	92
11) Acenaphthene	14.603	153	37134	0.976	ng/ul	99
12) Fluorene	15.593	166	31405	0.732	ng/ul	97
14) Pentachlorophenol	16.938	266	178	0.025	ng/ul	91
15) Phenanthrene	17.334	178	1295143m	20.362	ng/ul	
16) Anthracene	17.427	178	222723	3.539	ng/ul	99
19) Fluoranthene	19.359	202	4475286m	72.730	ng/ul	
20) Pyrene	19.721	202	3618561	55.919	ng/ul#	91
21) Benzo(a)anthracene	21.482	228	2296781m	37.158	ng/ul	
22) Chrysene	21.535	228	2338806m	35.095	ng/ul	
24) Benzo(b)fluoranthene	23.169	252	3022130m	37.202	ng/ul	
25) Benzo(k)fluoranthene	23.210	252	1170718m	13.276	ng/ul	
26) Benzo(a)pyrene	23.786	252	1251309m	16.572	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.363	276	960143m	9.987	ng/ul	
28) Dibenzo(a,h)anthracene	26.380	278	340544m	4.499	ng/ul	
29) Benzo(g,h,i)perylene	27.118	276	77526m	0.912	ng/ul	

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

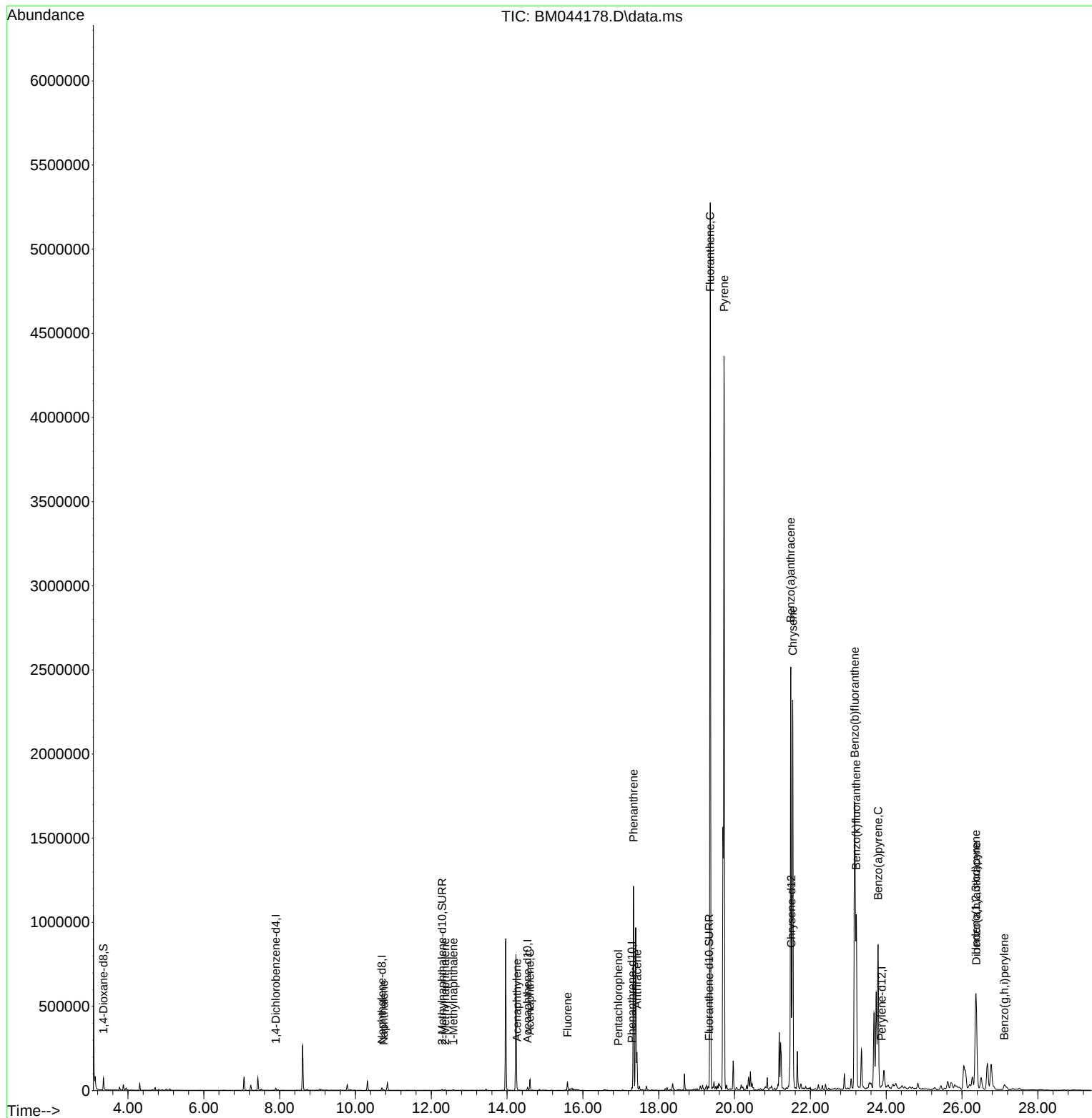
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021924\
Data File : BM044178.D
Acq On : 19 Feb 2024 15:18
Operator : MA/JU
Sample : P1352-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

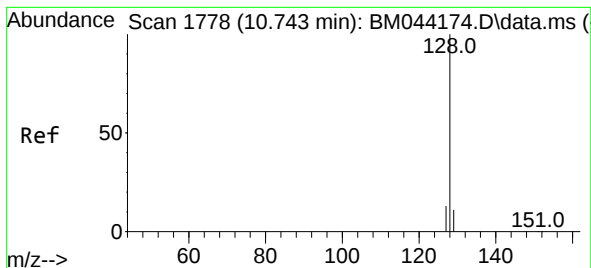
Instrument :
BNA_M
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Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

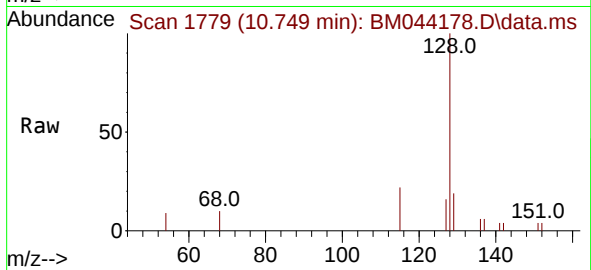
Quant Time: Feb 19 15:49:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

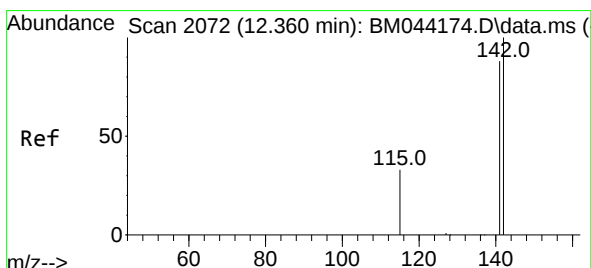
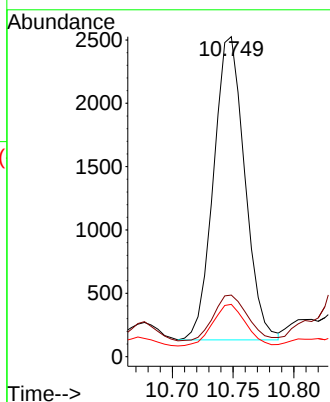
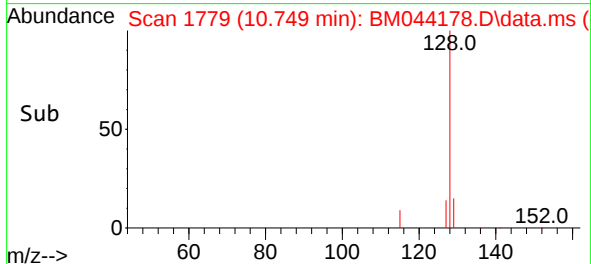
Instrument :
BNA_M
ClientSampleId :
COFN3



Tgt Ion:128 Resp: 426
Ion Ratio Lower Upper
128 100
129 19.2 9.5 14.3
127 16.3 10.7 16.1

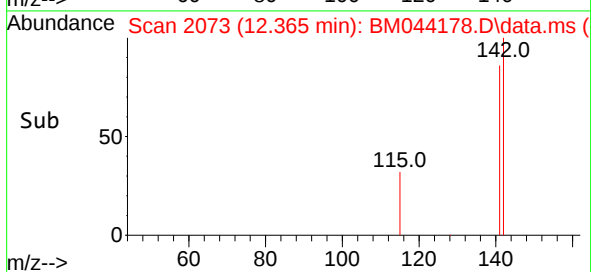
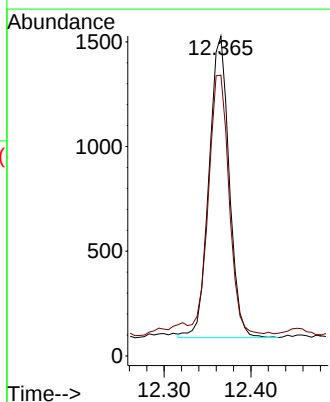
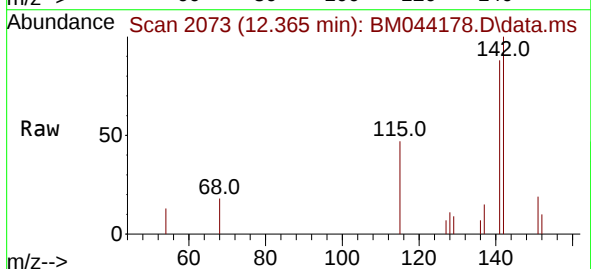
Manual Integrations
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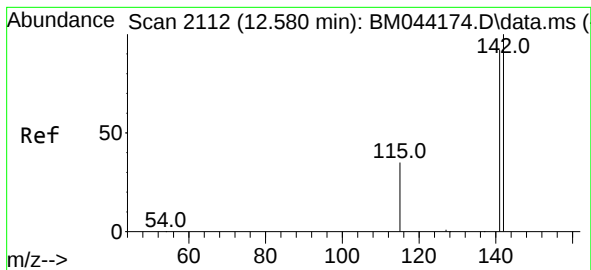
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

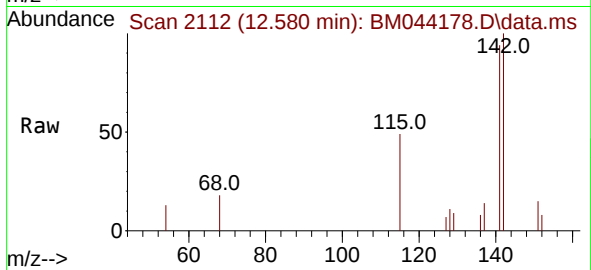
Tgt Ion:142 Resp: 2324
Ion Ratio Lower Upper
142 100
141 93.2 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.580 min Scan# 2112
Delta R.T. -0.011 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

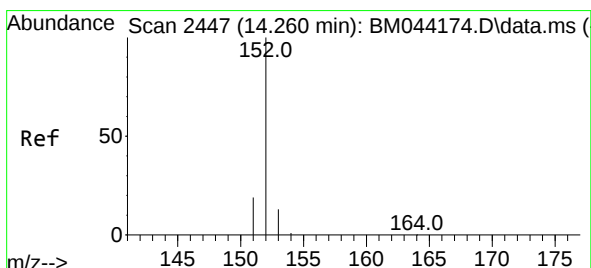
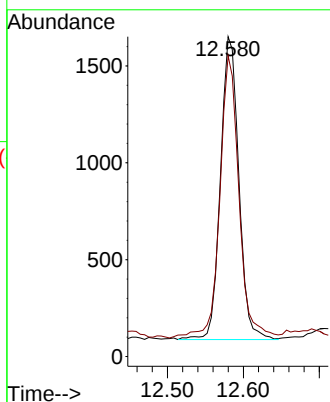
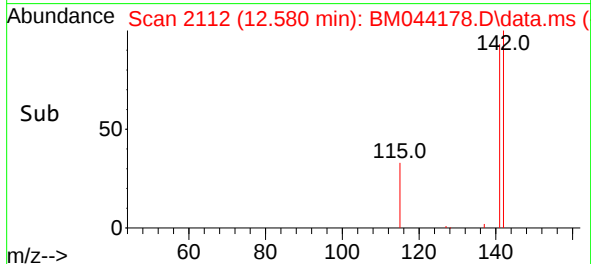
Instrument :
BNA_M
ClientSampleId :
COFN3



Tgt Ion:142 Resp: 2619
Ion Ratio Lower Upper
142 100
141 96.9 72.5 108.7

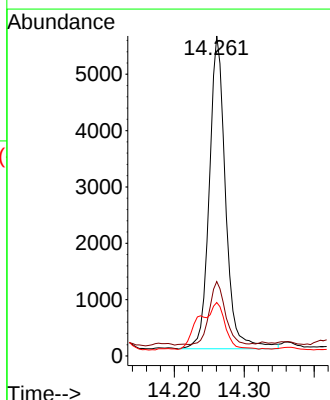
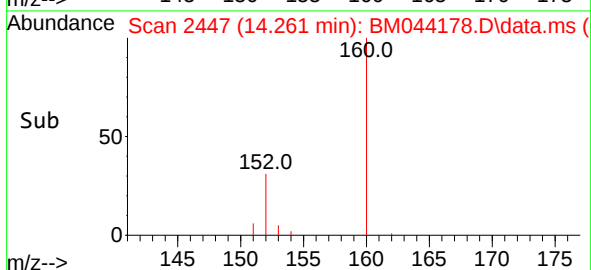
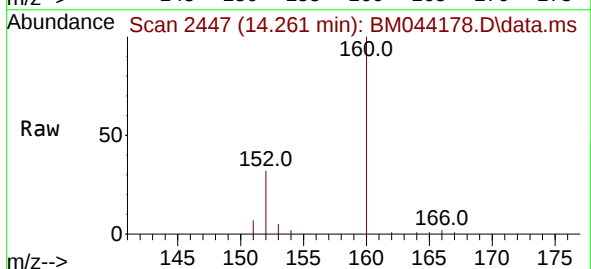
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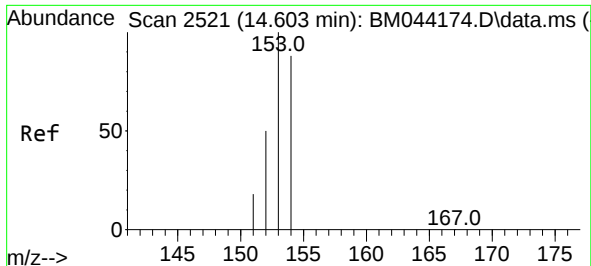
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#10
Acenaphthylene
Concen: 0.171 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

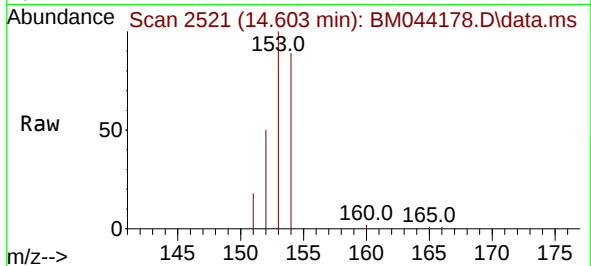
Tgt Ion:152 Resp: 8980
Ion Ratio Lower Upper
152 100
151 23.2 15.5 23.3
153 16.7 10.8 16.2#





#11
Acenaphthene
Concen: 0.976 ng/ul
RT: 14.603 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

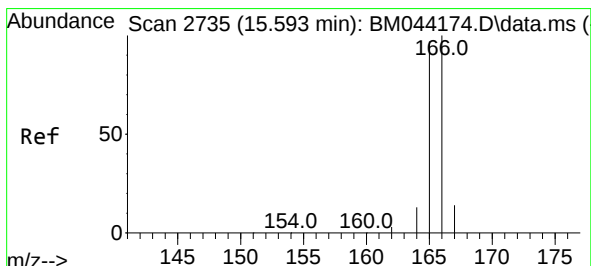
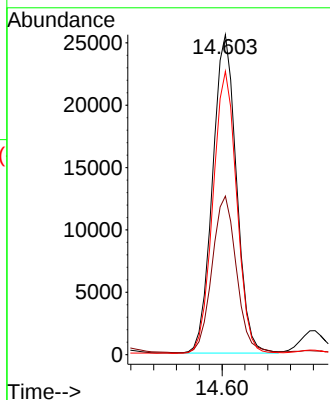
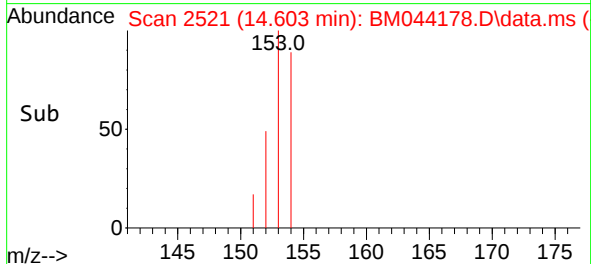
Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:153 Resp: 37134
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 88.6 70.1 105.1

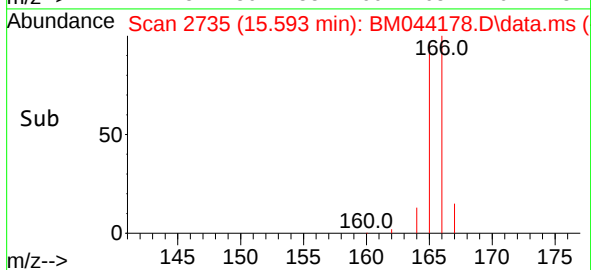
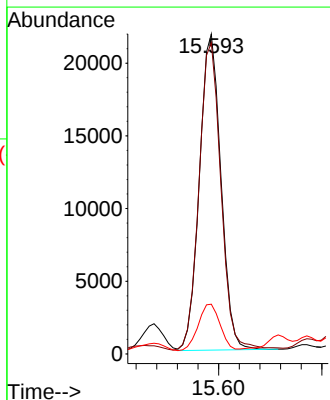
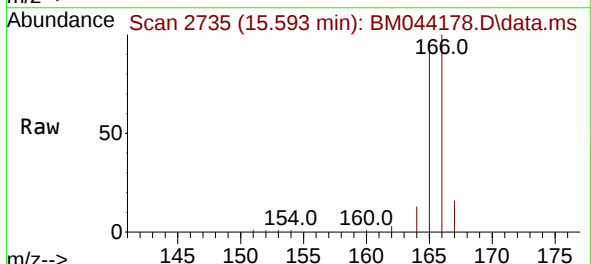
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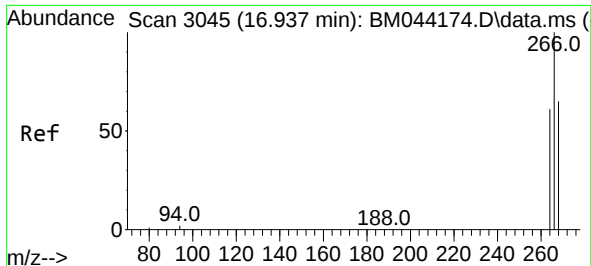
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#12
Fluorene
Concen: 0.732 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.004 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

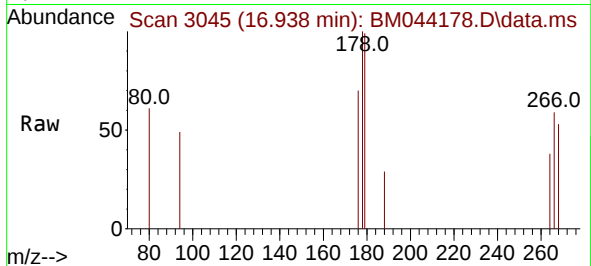
Tgt Ion:166 Resp: 31405
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.6
167 15.6 11.1 16.7





#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. -0.008 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

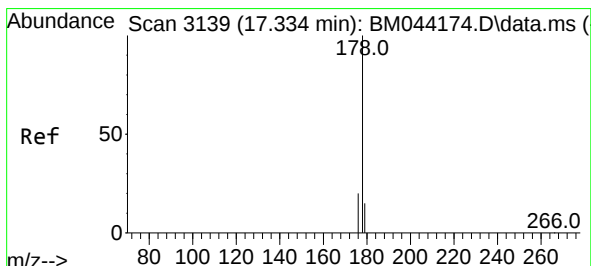
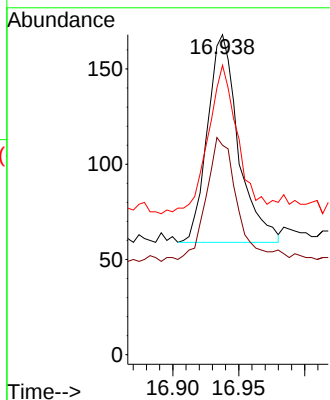
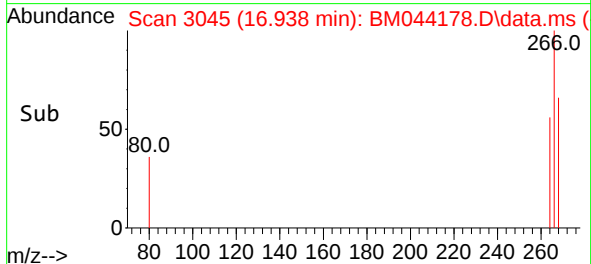
Instrument :
BNA_M
ClientSampleId :
COFN3



Tgt Ion:266 Resp: 178
Ion Ratio Lower Upper
266 100
264 62.9 49.4 74.0
268 78.1 52.1 78.1

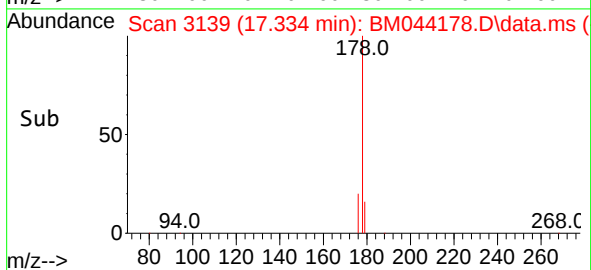
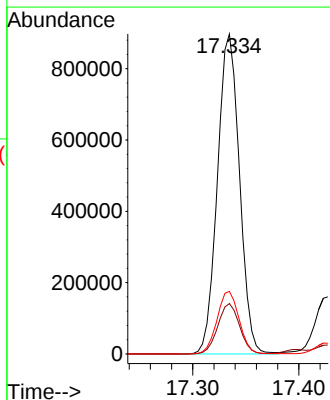
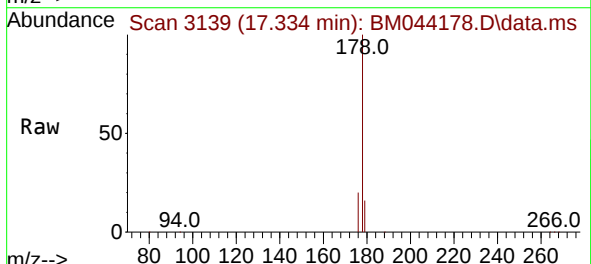
Manual Integrations
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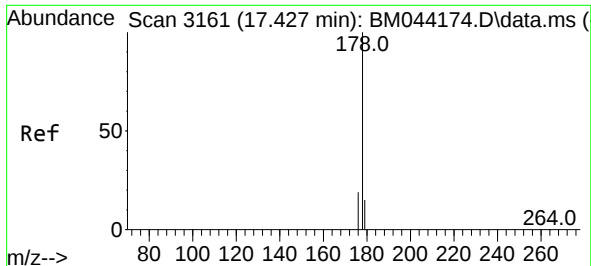
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#15
Phenanthrene
Concen: 20.362 ng/ul m
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

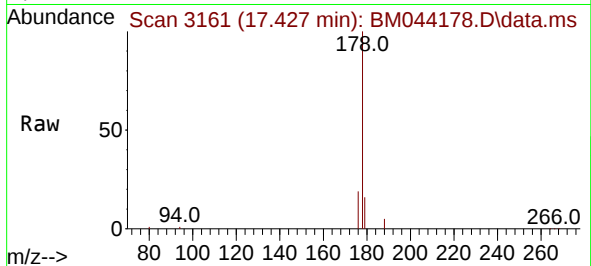
Tgt Ion:178 Resp: 1295143
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.6 16.0 24.0





#16
 Anthracene
 Concen: 3.539 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM044178.D
 Acq: 19 Feb 2024 15:18

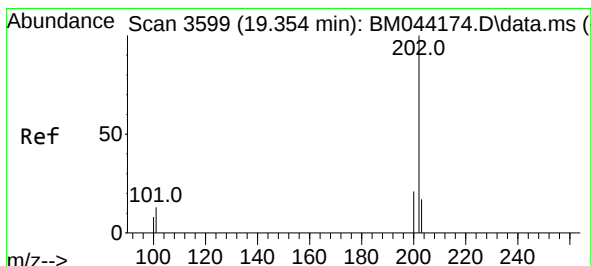
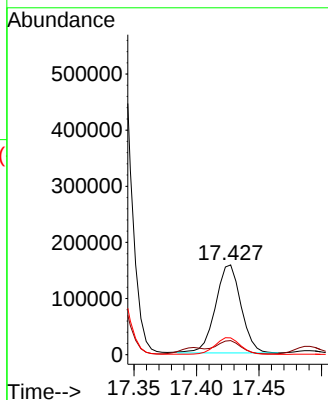
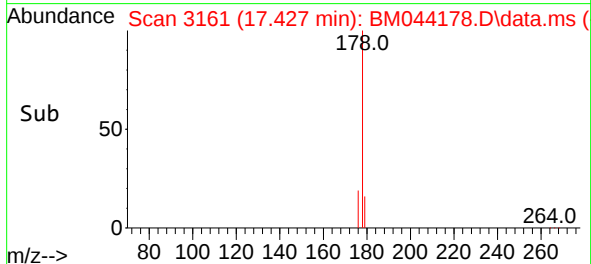
Instrument :
 BNA_M
 ClientSampleId :
 C0FN3



Tgt Ion:178 Resp: 222723
 Ion Ratio Lower Upper
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 179 15.6 12.8 19.2
 176 18.8 15.3 22.9

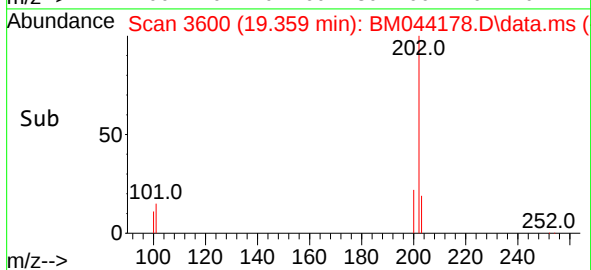
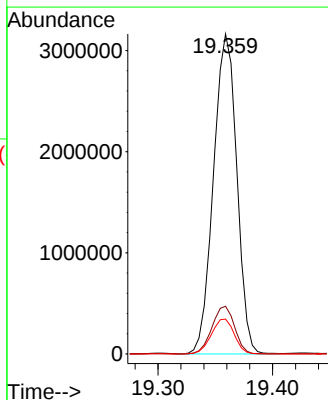
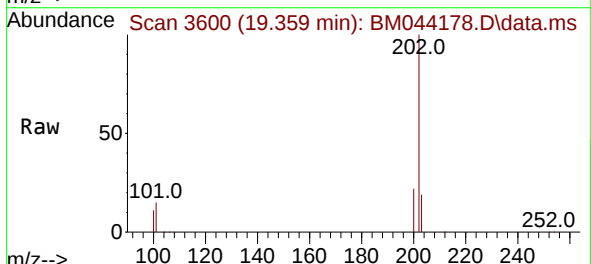
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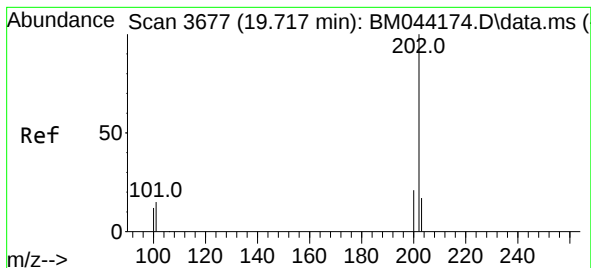
Reviewed By :Yogesh Patel 02/20/2024
 Supervised By :mohammad ahmed 02/21/2024



#19
 Fluoranthene
 Concen: 72.730 ng/ul m
 RT: 19.359 min Scan# 3600
 Delta R.T. -0.004 min
 Lab File: BM044178.D
 Acq: 19 Feb 2024 15:18

Tgt Ion:202 Resp: 4475286
 Ion Ratio Lower Upper
 202 100
 101 14.9 9.8 14.6#
 100 10.9 7.0 10.4#





#20

Pyrene

Concen: 55.919 ng/ul

RT: 19.721 min Scan# 3677

Delta R.T. -0.004 min

Lab File: BM044178.D

Acq: 19 Feb 2024 15:18

Instrument :

BNA_M

ClientSampleId :

C0FN3

Tgt Ion:202 Resp: 361856

Ion Ratio Lower Upper

202 100

101 17.8 11.2 16.8

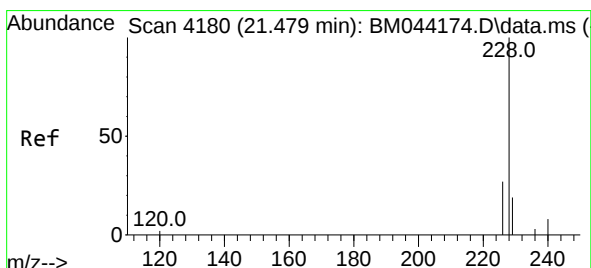
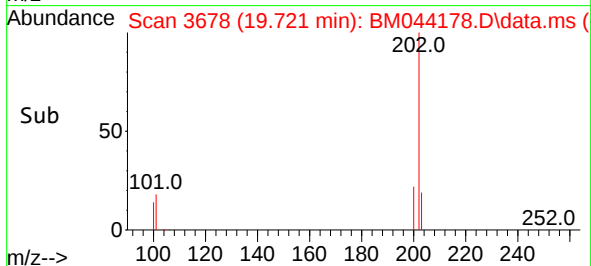
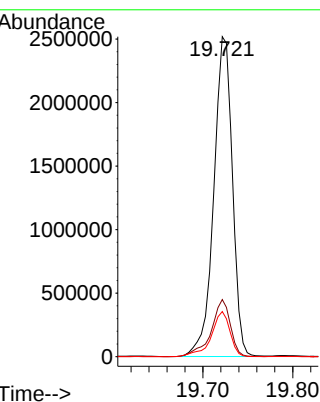
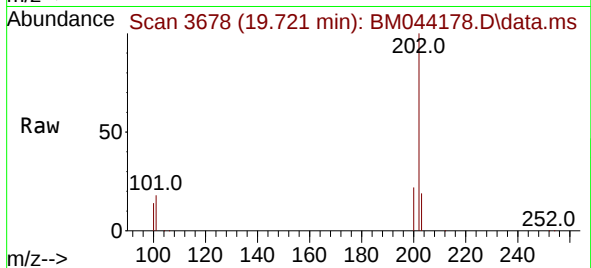
100 14.1 8.6 13.0

Manual Integrations

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Reviewed By :Yogesh Patel 02/20/2024

Supervised By :mohammad ahmed 02/21/2024



#21

Benzo(a)anthracene

Concen: 37.158 ng/ul m

RT: 21.482 min Scan# 4181

Delta R.T. -0.003 min

Lab File: BM044178.D

Acq: 19 Feb 2024 15:18

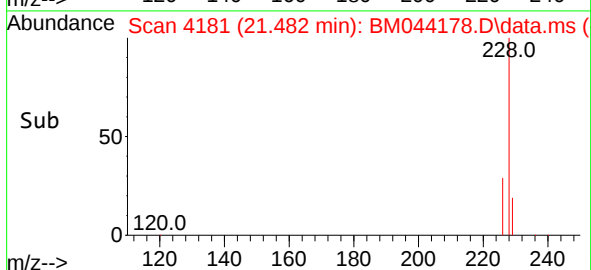
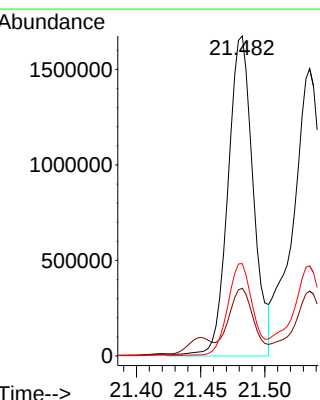
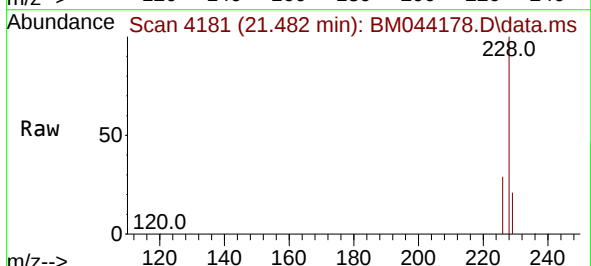
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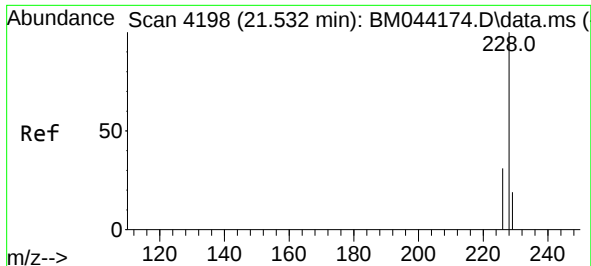
Ion Ratio Lower Upper

228 100

229 21.1 15.4 23.2

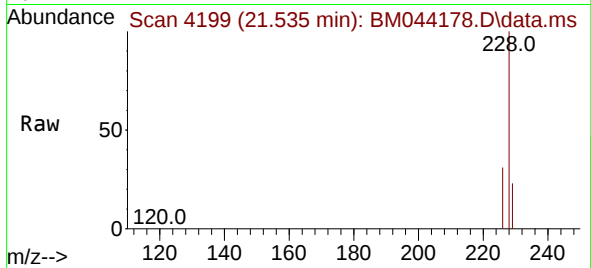
226 28.9 22.1 33.1





#22
Chrysene
Concen: 35.095 ng/ul m
RT: 21.535 min Scan# 4198
Delta R.T. -0.003 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

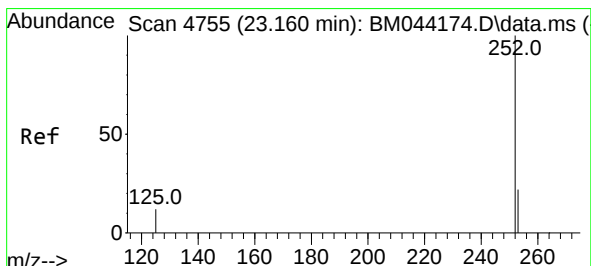
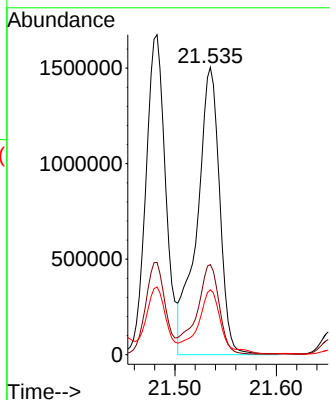
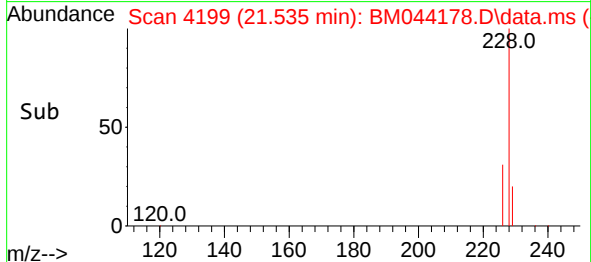
Instrument :
BNA_M
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C0FN3



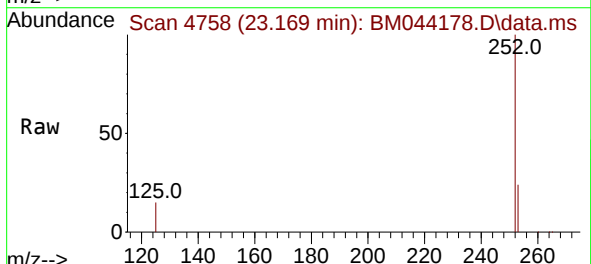
Tgt Ion:228 Resp: 2338800
Ion Ratio Lower Upper
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226 31.4 24.2 36.2
229 22.6 15.8 23.6

Manual Integrations
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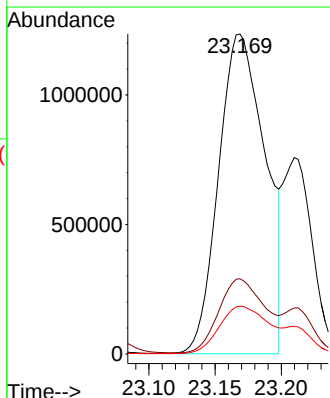
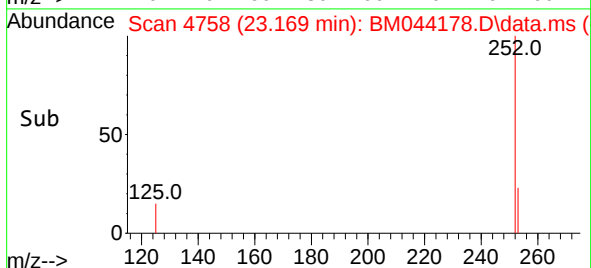
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

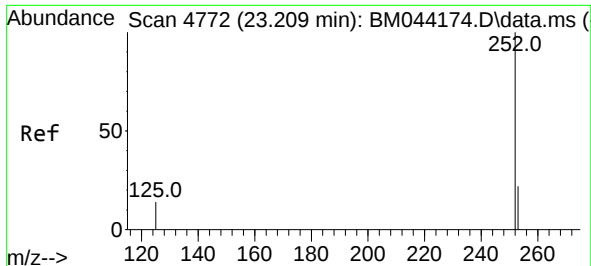


#24
Benzo(b)fluoranthene
Concen: 37.202 ng/ul m
RT: 23.169 min Scan# 4758
Delta R.T. 0.006 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18



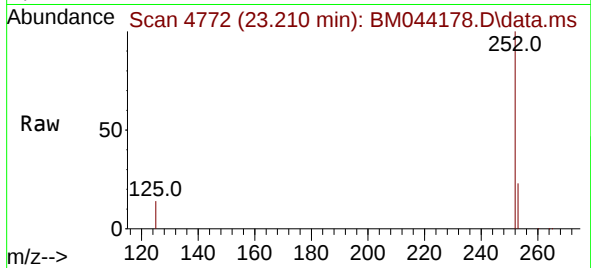
Tgt Ion:252 Resp: 3022130
Ion Ratio Lower Upper
252 100
253 23.5 0.0 50.0
125 14.9 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 13.276 ng/ul m
RT: 23.210 min Scan# 4772
Delta R.T. -0.003 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

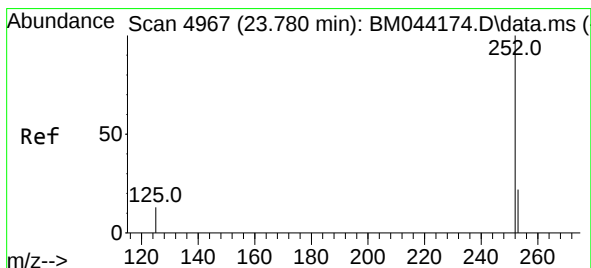
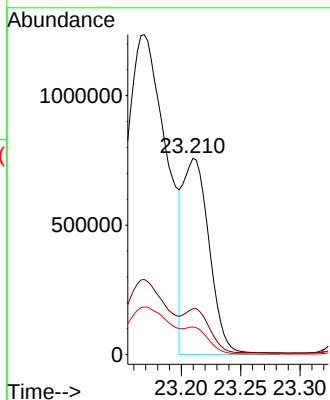
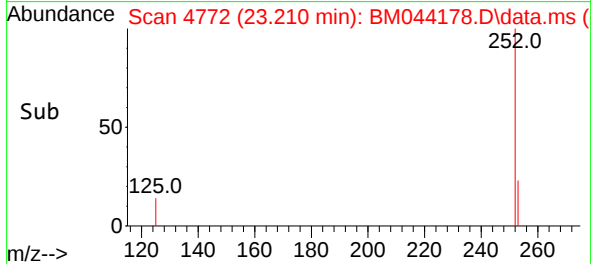
Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:252 Resp: 1170718
Ion Ratio Lower Upper
252 100
253 23.4 20.1 30.1
125 14.1 12.3 18.5

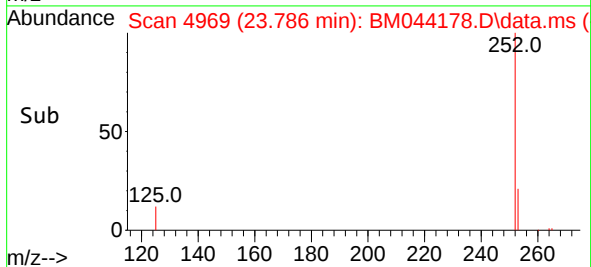
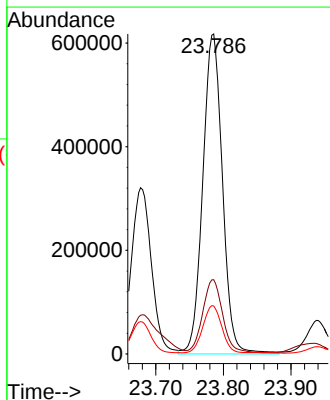
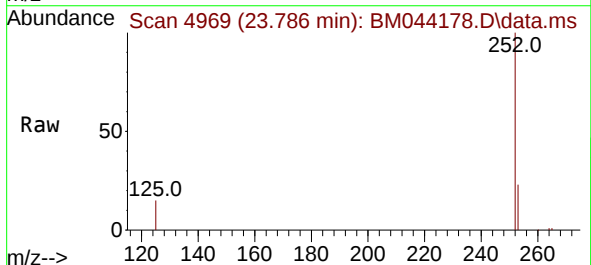
Manual Integrations
APPROVED

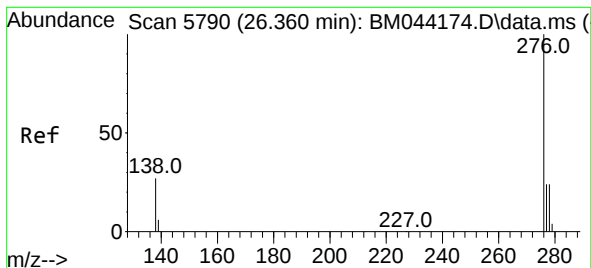
Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024



#26
Benzo(a)pyrene
Concen: 16.572 ng/ul m
RT: 23.786 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

Tgt Ion:252 Resp: 1251309
Ion Ratio Lower Upper
252 100
253 23.2 21.4 32.2
125 15.0 13.3 19.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 9.987 ng/ul m

RT: 26.363 min Scan# 5

Delta R.T. -0.006 min

Lab File: BM044178.D

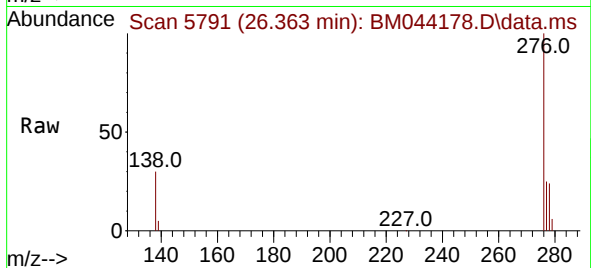
Acq: 19 Feb 2024 15:18

Instrument :

BNA_M

ClientSampleId :

C0FN3



Tgt Ion:276 Resp: 96014

Ion Ratio Lower Upper

276 100

138 1.9 25.2 37.8

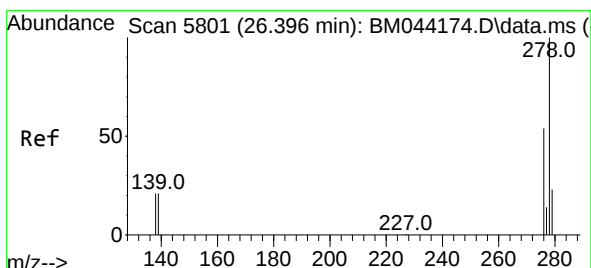
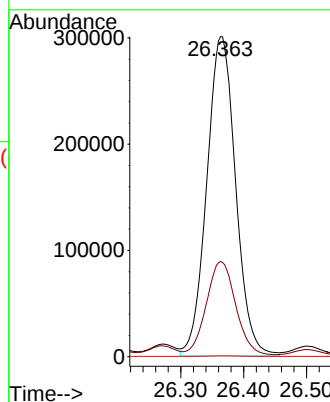
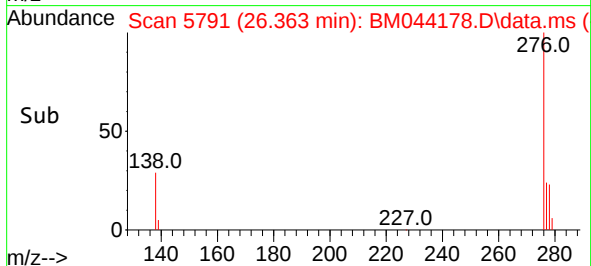
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/20/2024

Supervised By :mohammad ahmed 02/21/2024



#28

Dibenzo(a,h)anthracene

Concen: 4.499 ng/ul m

RT: 26.380 min Scan# 5796

Delta R.T. -0.030 min

Lab File: BM044178.D

Acq: 19 Feb 2024 15:18

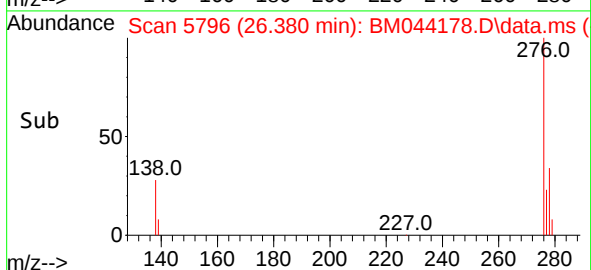
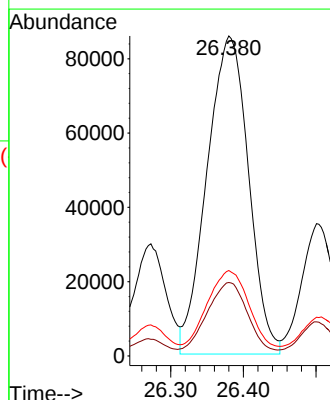
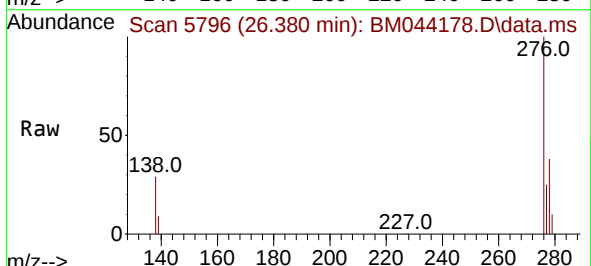
Tgt Ion:278 Resp: 340544

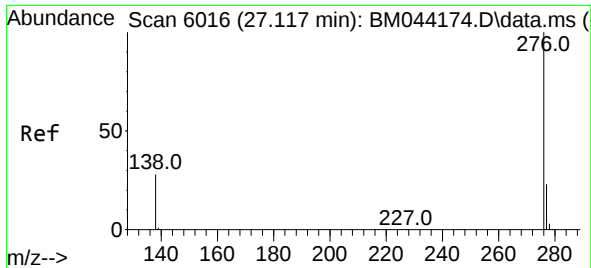
Ion Ratio Lower Upper

278 100

139 22.9 17.8 26.8

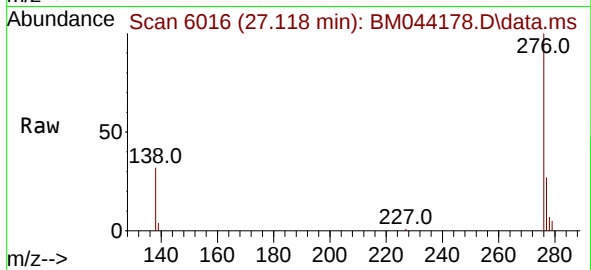
279 26.7 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 0.912 ng/ul m
RT: 27.118 min Scan# 6016
Delta R.T. -0.010 min
Lab File: BM044178.D
Acq: 19 Feb 2024 15:18

Instrument :
BNA_M
ClientSampleId :
C0FN3



Tgt Ion:276 Resp: 77520
Ion Ratio Lower Upper
276 100
138 32.0 22.7 34.1
277 27.1 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2024
Supervised By :mohammad ahmed 02/21/2024

