

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044102.D
 Acq On : 15 Feb 2024 15:30
 Operator : MA/JU
 Sample : P1329-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0FK9

Manual Integrations
 APPROVED

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

Quant Time: Feb 15 16:14:14 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	5132	0.400	ng/ul	0.00
4) Naphthalene-d8	10.704	136	17395	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	9613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	21464m	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	18157m	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	24051m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	35854	4.933	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	7428	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.327	212	17619m	0.325	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.754	128	1136	0.022	ng/ul#	77
7) 2-Methylnaphthalene	12.371	142	1658	0.052	ng/ul	98
8) 1-Methylnaphthalene	12.591	142	991	0.031	ng/ul	98
11) Acenaphthene	14.608	153	896	0.023	ng/ul	96
14) Pentachlorophenol	16.943	266	285	0.037	ng/ul	93
15) Phenanthrene	17.339	178	20741	0.305	ng/ul	99
16) Anthracene	17.428	178	4306m	0.064	ng/ul	
19) Fluoranthene	19.360	202	66630m	0.805	ng/ul	
20) Pyrene	19.722	202	52260m	0.600	ng/ul	
21) Benzo(a)anthracene	21.481	228	36269m	0.436	ng/ul	
22) Chrysene	21.534	228	38840m	0.433	ng/ul	
24) Benzo(b)fluoranthene	23.162	252	63436	0.639	ng/ul	86
25) Benzo(k)fluoranthene	23.209	252	24841m	0.231	ng/ul	
26) Benzo(a)pyrene	23.785	252	40023	0.434	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.362	276	32186	0.274	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.389	278	7618	0.082	ng/ul#	61
29) Benzo(g,h,i)perylene	27.127	276	32284	0.311	ng/ul	95

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

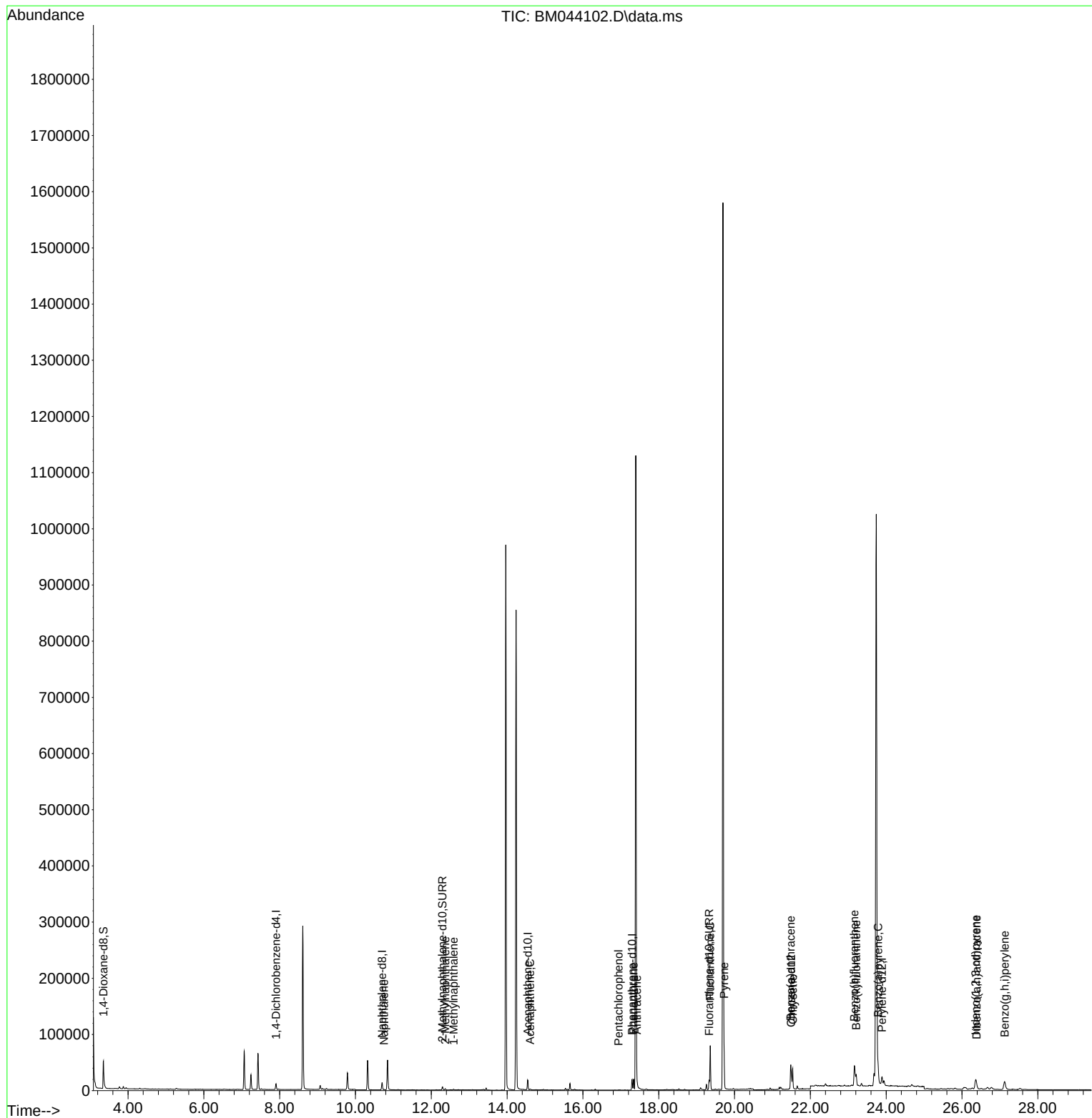
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044102.D
Acq On : 15 Feb 2024 15:30
Operator : MA/JU
Sample : P1329-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

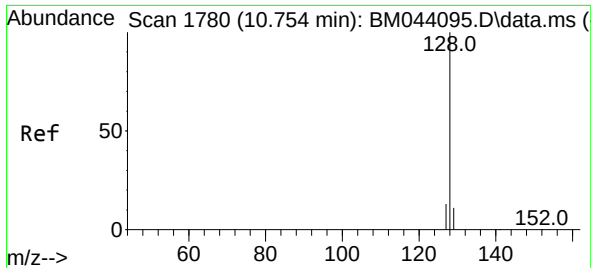
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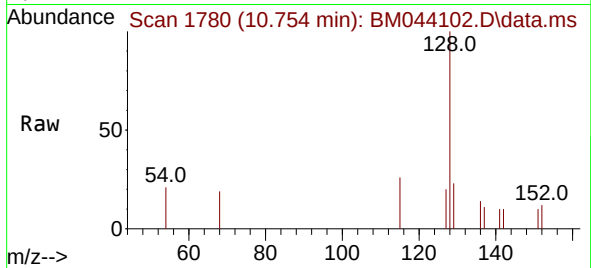
Quant Time: Feb 15 16:14:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.754 min Scan# 1780
Delta R.T. 0.000 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

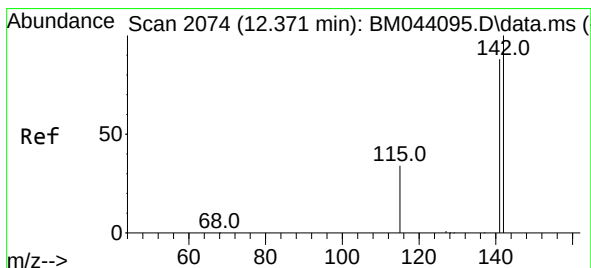
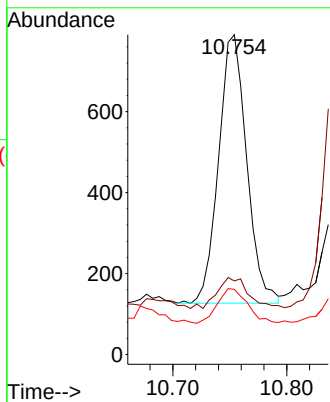
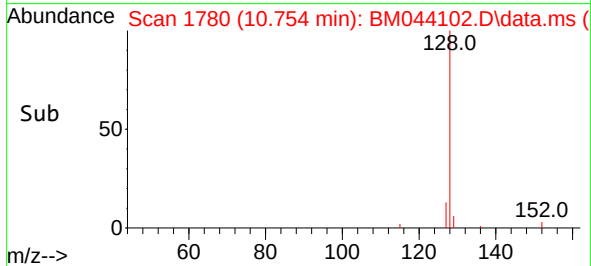
Instrument :
BNA_M
ClientSampleId :
C0FK9



Tgt Ion:128 Resp: 1130
Ion Ratio Lower Upper
128 100
129 23.0 9.5 14.3
127 20.4 10.7 16.1

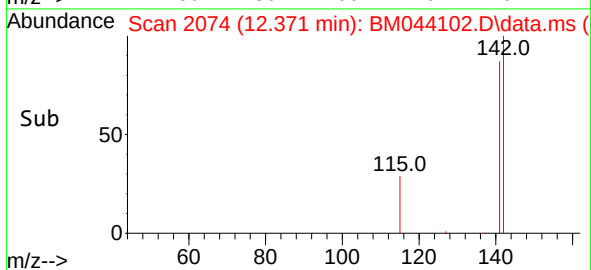
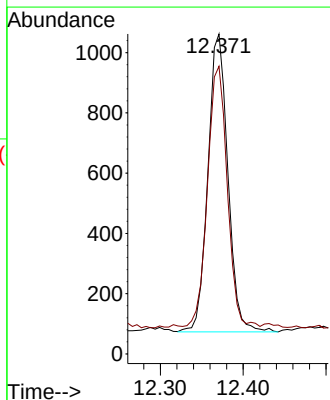
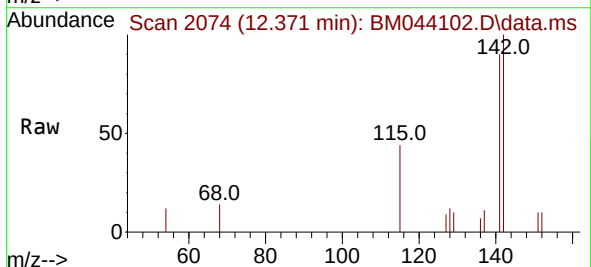
Manual Integrations
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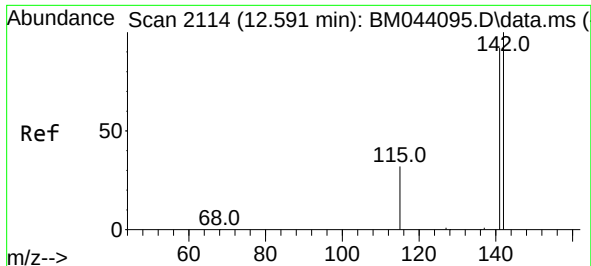
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#7
2-Methylnaphthalene
Concen: 0.052 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

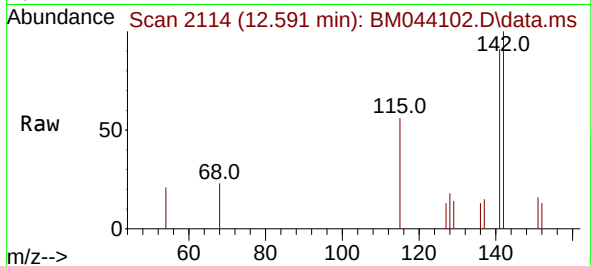
Tgt Ion:142 Resp: 1658
Ion Ratio Lower Upper
142 100
141 85.7 70.0 105.0





#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.591 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

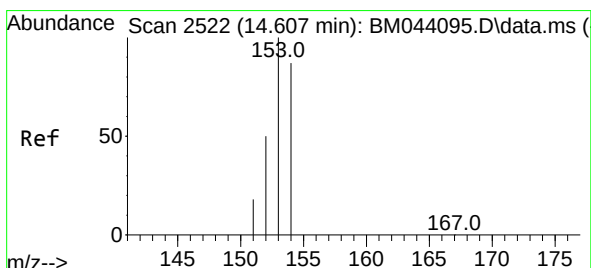
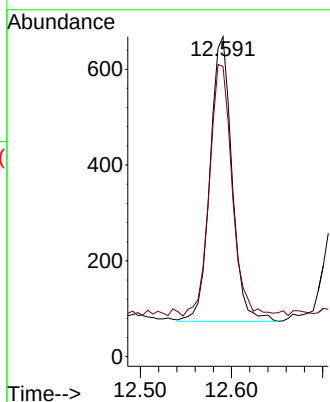
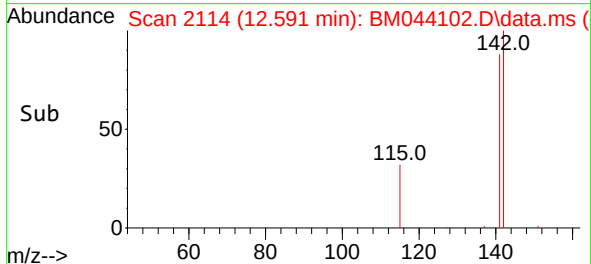
Instrument :
BNA_M
ClientSampleId :
C0FK9



Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
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141 92.1 72.5 108.7

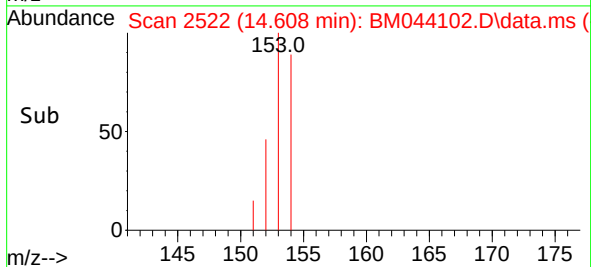
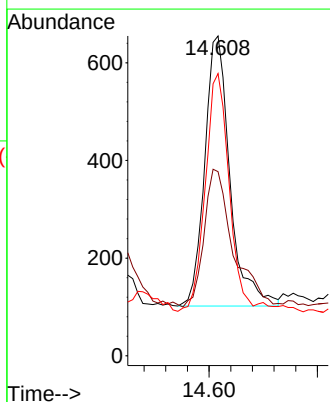
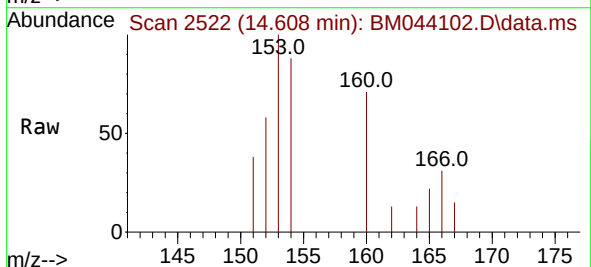
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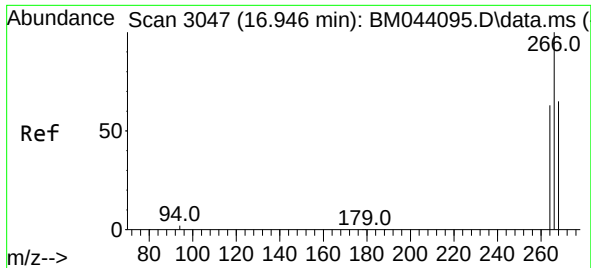
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.608 min Scan# 2522
Delta R.T. 0.001 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

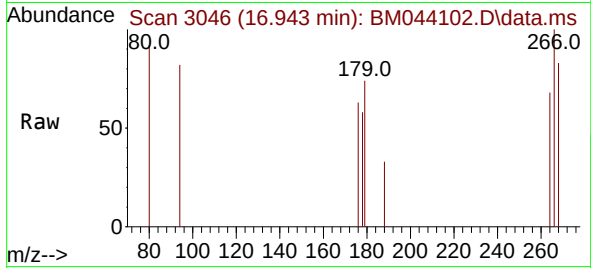
Tgt Ion:153 Resp: 896
Ion Ratio Lower Upper
153 100
152 57.6 40.6 61.0
154 88.2 70.1 105.1





#14
 Pentachlorophenol
 Concen: 0.037 ng/u1
 RT: 16.943 min Scan# 3047
 Delta R.T. -0.003 min
 Lab File: BM044102.D
 Acq: 15 Feb 2024 15:30

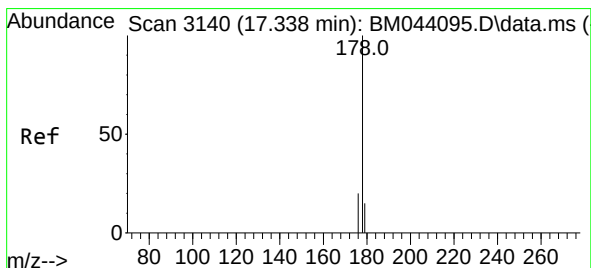
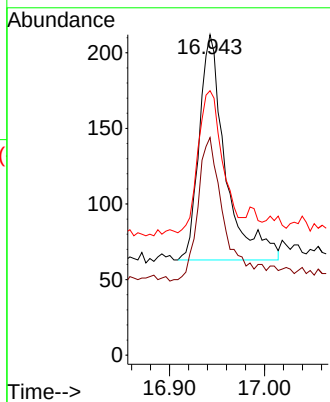
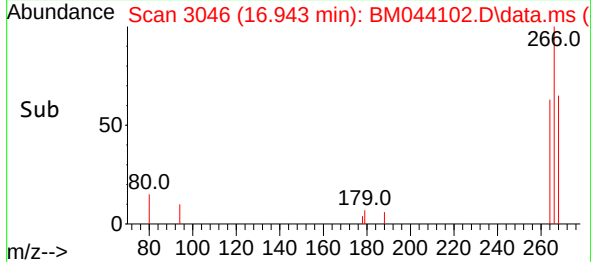
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:266 Resp: 285
 Ion Ratio Lower Upper
 266 100
 264 69.5 49.4 74.0
 268 61.4 52.1 78.1

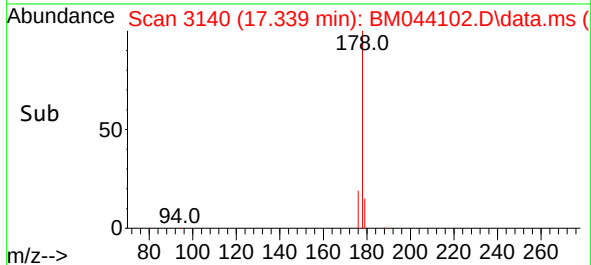
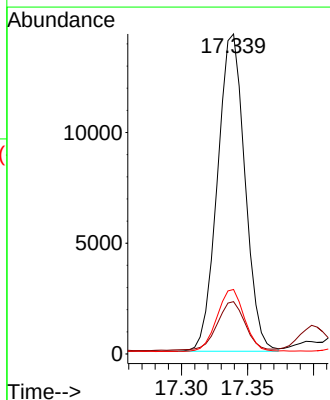
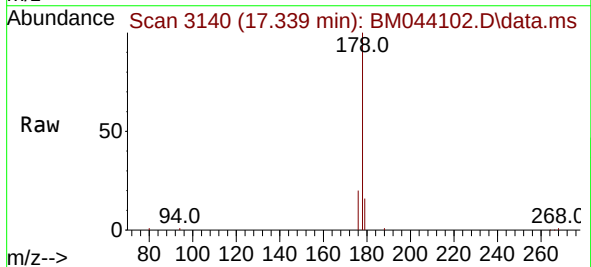
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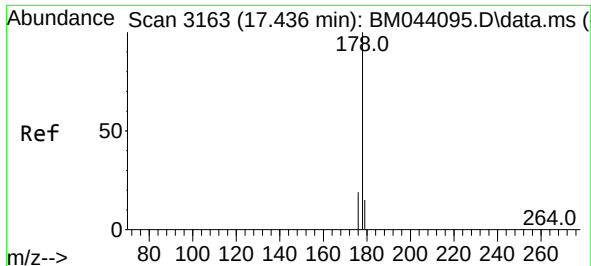
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



#15
 Phenanthrene
 Concen: 0.305 ng/u1
 RT: 17.339 min Scan# 3140
 Delta R.T. 0.001 min
 Lab File: BM044102.D
 Acq: 15 Feb 2024 15:30

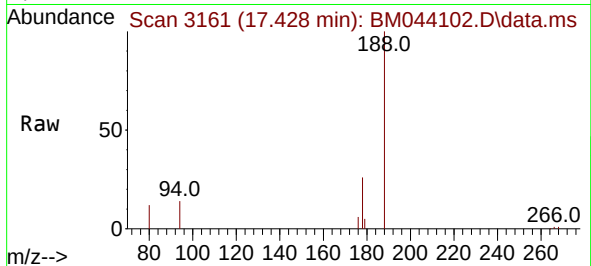
Tgt Ion:178 Resp: 20741
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.6 19.0
 176 20.2 16.0 24.0





#16
 Anthracene
 Concen: 0.064 ng/ul m
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.008 min
 Lab File: BM044102.D
 Acq: 15 Feb 2024 15:30

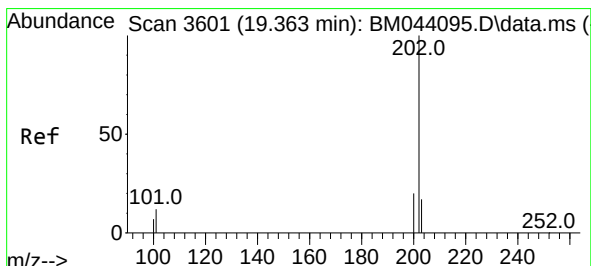
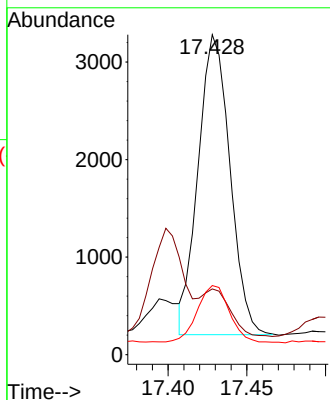
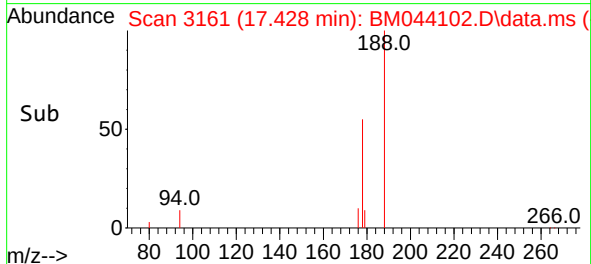
Instrument :
 BNA_M
 ClientSampleId :
 C0FK9



Tgt Ion:178 Resp: 4300
 Ion Ratio Lower Upper
 178 100
 179 20.5 12.8 19.2
 176 21.6 15.3 22.9

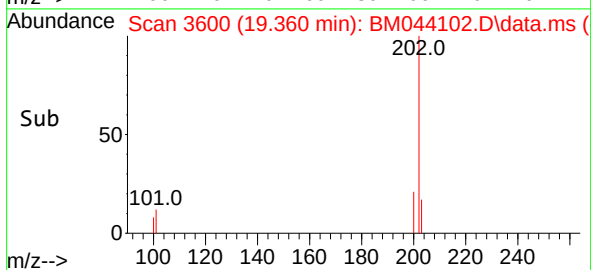
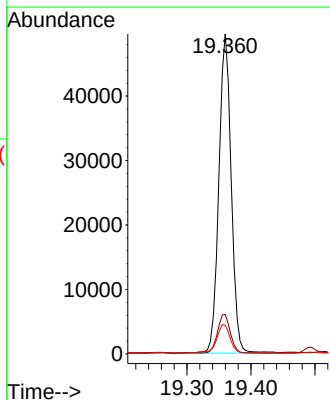
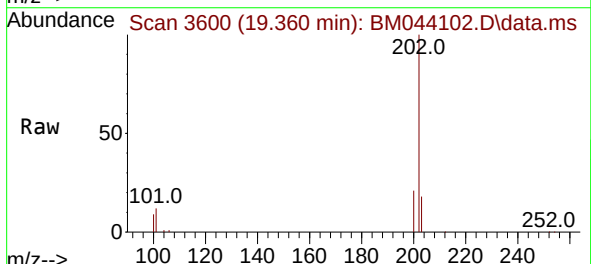
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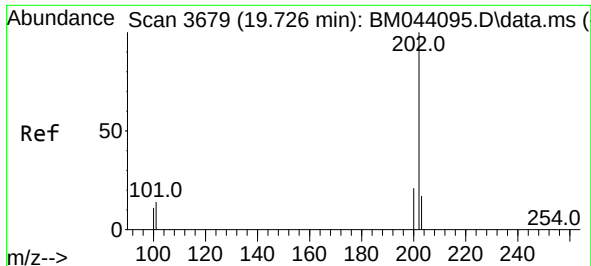
Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024



#19
 Fluoranthene
 Concen: 0.805 ng/ul m
 RT: 19.360 min Scan# 3600
 Delta R.T. -0.004 min
 Lab File: BM044102.D
 Acq: 15 Feb 2024 15:30

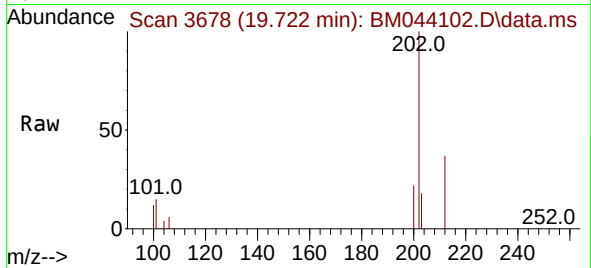
Tgt Ion:202 Resp: 66630
 Ion Ratio Lower Upper
 202 100
 101 12.3 9.8 14.6
 100 8.9 7.0 10.4





#20
Pyrene
Concen: 0.600 ng/ul m
RT: 19.722 min Scan# 30
Delta R.T. -0.004 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

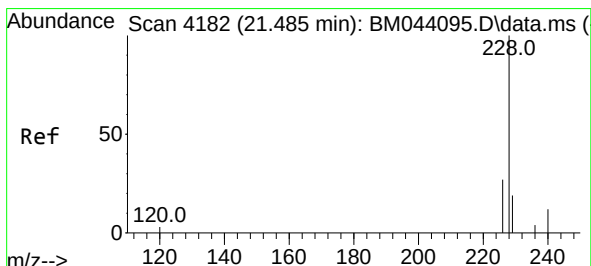
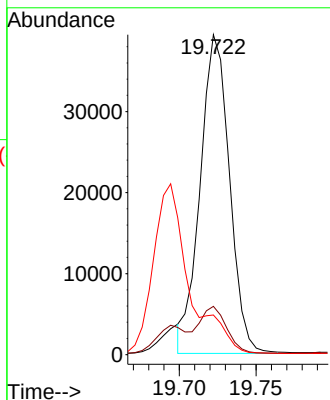
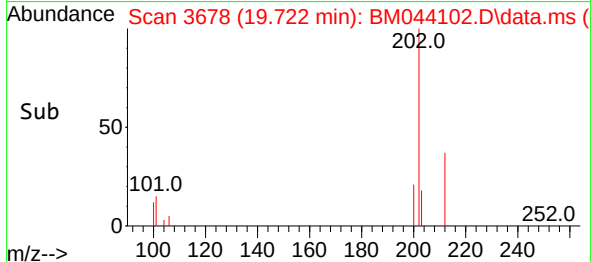
Instrument :
BNA_M
ClientSampleId :
C0FK9



Tgt Ion:202 Resp: 52260
Ion Ratio Lower Upper
202 100
101 15.1 11.2 16.8
100 12.4 8.6 13.0

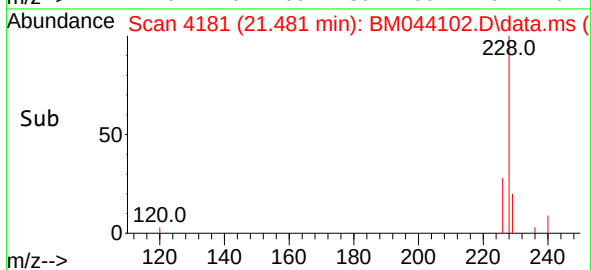
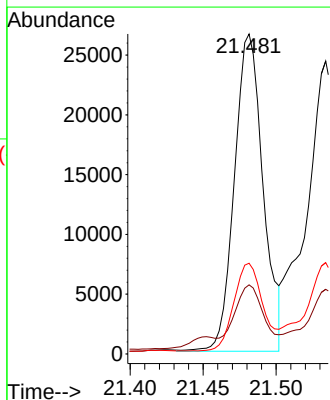
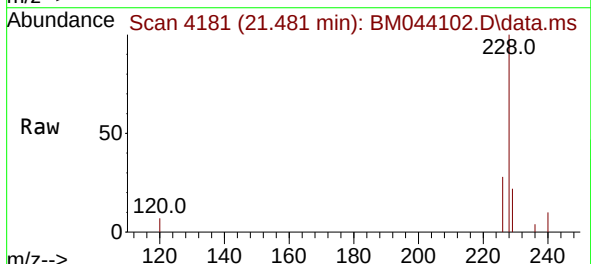
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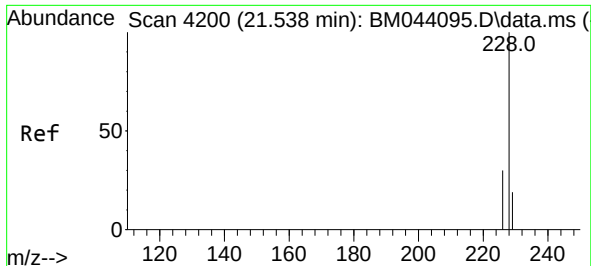
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#21
Benzo(a)anthracene
Concen: 0.436 ng/ul m
RT: 21.481 min Scan# 4181
Delta R.T. -0.004 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

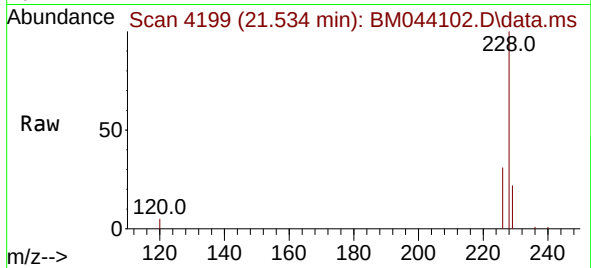
Tgt Ion:228 Resp: 36269
Ion Ratio Lower Upper
228 100
229 21.6 15.4 23.2
226 28.4 22.1 33.1





#22
Chrysene
Concen: 0.433 ng/ul m
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

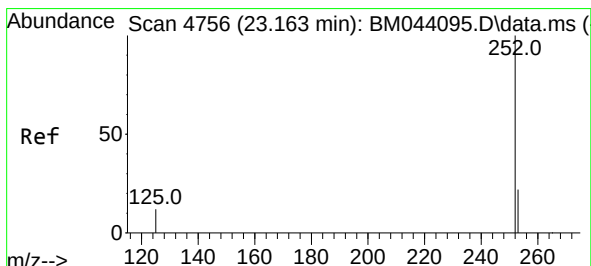
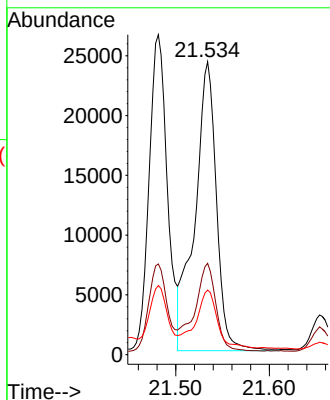
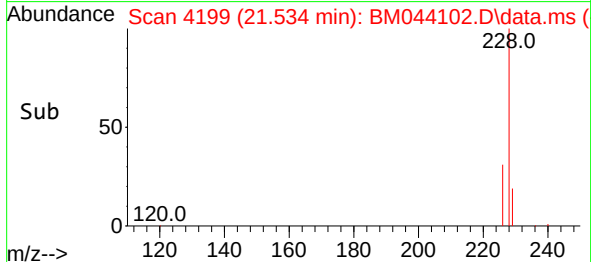
Instrument :
BNA_M
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C0FK9



Tgt Ion:228 Resp: 38840
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 22.1 15.8 23.6

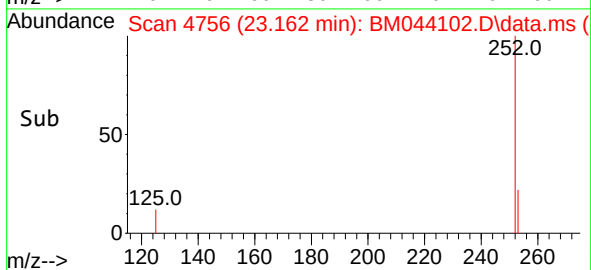
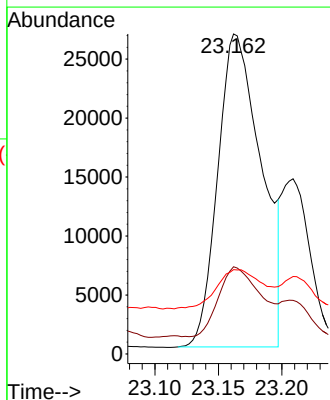
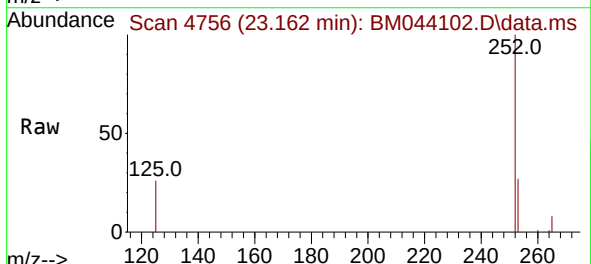
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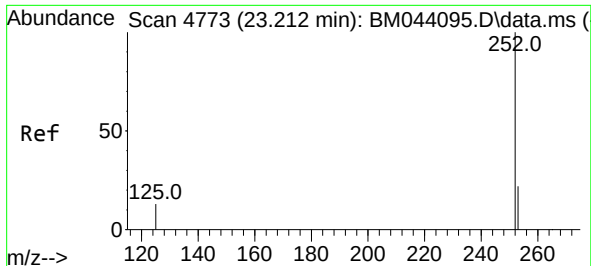
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.001 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

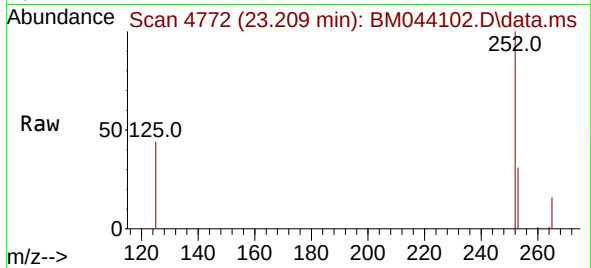
Tgt Ion:252 Resp: 63436
Ion Ratio Lower Upper
252 100
253 27.2 0.0 50.0
125 26.3 0.0 28.2





#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 23.209 min Scan# 4772
Delta R.T. -0.004 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

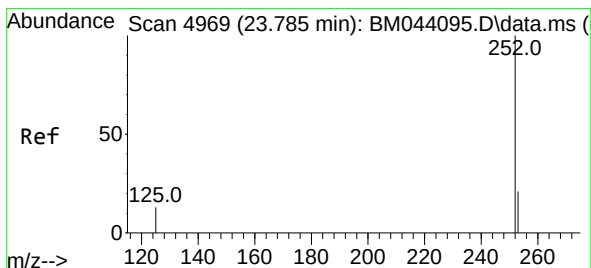
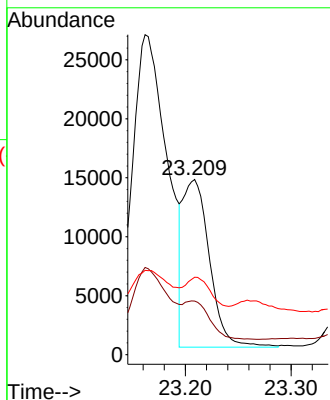
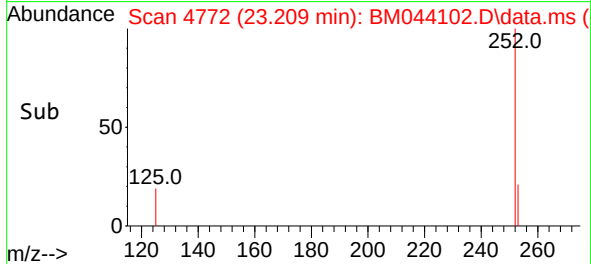
Instrument :
BNA_M
ClientSampleId :
C0FK9



Tgt Ion:252 Resp: 2484
Ion Ratio Lower Upper
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253 30.6 20.1 30.1
125 44.1 12.3 18.5

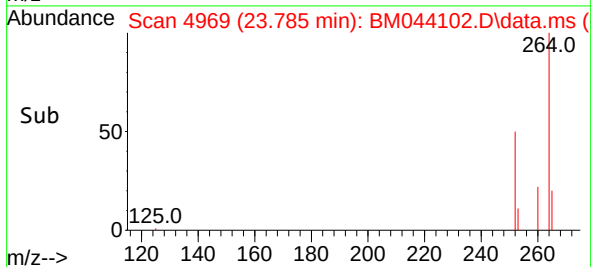
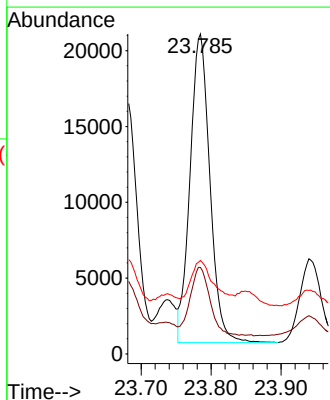
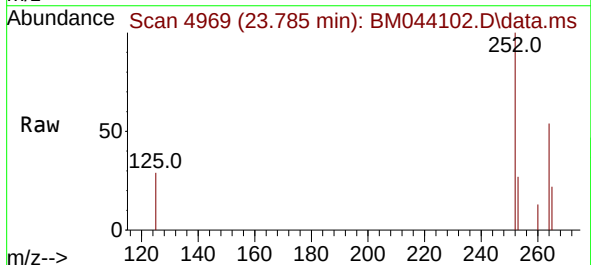
Manual Integrations
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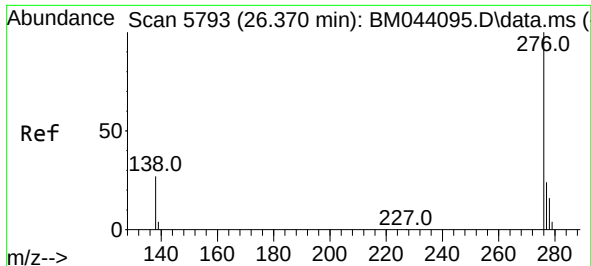
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024



#26
Benzo(a)pyrene
Concen: 0.434 ng/ul
RT: 23.785 min Scan# 4969
Delta R.T. -0.001 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

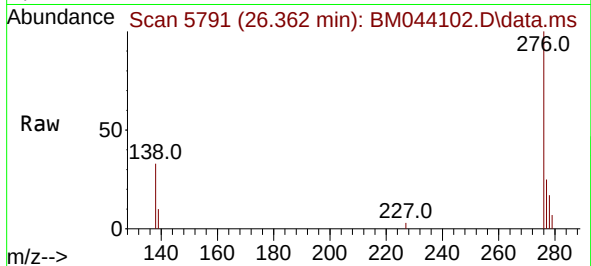
Tgt Ion:252 Resp: 40023
Ion Ratio Lower Upper
252 100
253 27.0 21.4 32.2
125 29.2 13.3 19.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 26.362 min Scan# 5791
Delta R.T. -0.007 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

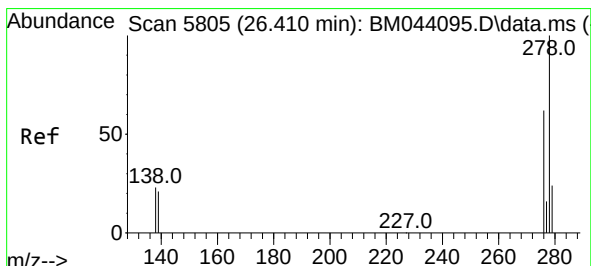
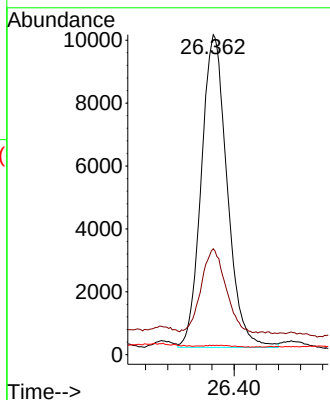
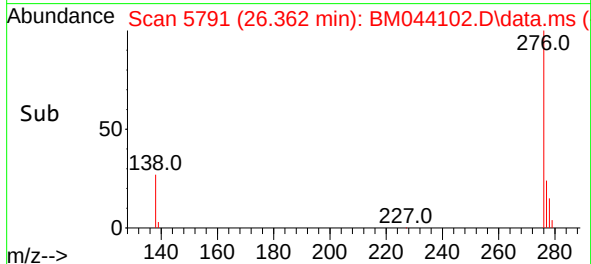
Instrument :
BNA_M
ClientSampleId :
C0FK9



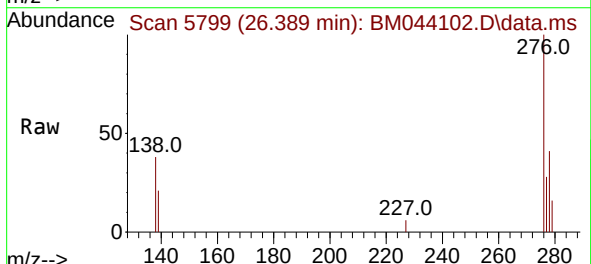
Tgt Ion:276 Resp: 3218
Ion Ratio Lower Upper
276 100
138 27.9 25.2 37.8
227 0.5 0.1 0.1

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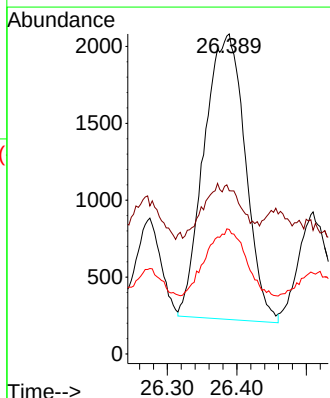
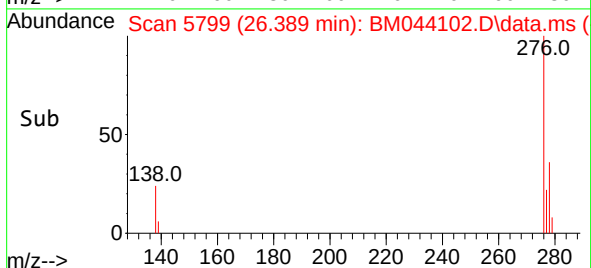
Reviewed By :Yogesh Patel 02/17/2024
Supervised By :mohammad ahmed 02/19/2024

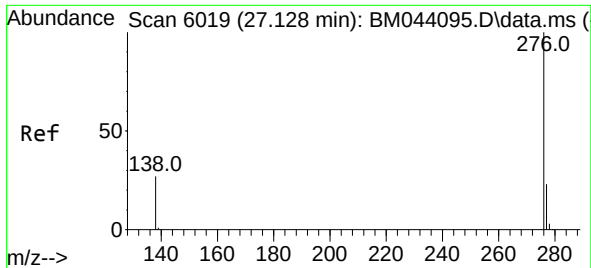


#28
Dibenzo(a,h)anthracene
Concen: 0.082 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. -0.021 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30



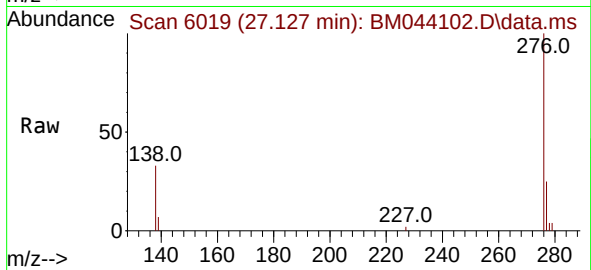
Tgt Ion:278 Resp: 7618
Ion Ratio Lower Upper
278 100
139 51.0 17.8 26.8#
279 38.9 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 27.127 min Scan# 6019
Delta R.T. -0.001 min
Lab File: BM044102.D
Acq: 15 Feb 2024 15:30

Instrument :
BNA_M
ClientSampleId :
C0FK9



Tgt Ion:	276	Resp:	32284
Ion Ratio	Lower	Upper	
276	100		
138	32.5	22.7	34.1
277	24.7	19.0	28.6

Manual Integrations
APPROVED

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

