

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113023\
 Data File : BM043109.D
 Acq On : 01 Dec 2023 06:20
 Operator : MA/JU
 Sample : 05459-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 06:51:46 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 01 00:42:42 2023

Response via : Initial Calibration

12/01/2023

Supervised By :mohammad
 ahmed

12/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1000	0.400	ng/ul	#-0.05
4) Naphthalene-d8	10.612	136	2718	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.451	164	1554m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.209	188	3071	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	2074	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	2228m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	1185	0.772	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	650	0.179	ng/ul	-0.02
18) Fluoranthene-d10	19.239	212	1415	0.187	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.661	128	1109	0.150	ng/ul	97
7) 2-Methylnaphthalene	12.295	142	971	0.223	ng/ul	99
8) 1-Methylnaphthalene	12.504	142	605	0.125	ng/ul	95
11) Acenaphthene	14.516	153	342	0.057	ng/ul	95
12) Fluorene	15.510	166	335	0.054	ng/ul#	93
15) Phenanthrene	17.251	178	4384	0.500	ng/ul	96
16) Anthracene	17.344	178	889m	0.107	ng/ul	
19) Fluoranthene	19.267	202	10507	0.894	ng/ul#	93
20) Pyrene	19.629	202	9821	0.785	ng/ul	95
21) Benzo(a)anthracene	21.388	228	4411	0.655	ng/ul	98
22) Chrysene	21.441	228	4464	0.356	ng/ul	100
24) Benzo(b)fluoranthene	23.025	252	5552	0.738	ng/ul	94
25) Benzo(k)fluoranthene	23.071	252	3032m	0.293	ng/ul	
26) Benzo(a)pyrene	23.642	252	3625	0.442	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.208	276	3141	0.283	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.218	278	680	0.079	ng/ul#	61
29) Benzo(g,h,i)perylene	26.973	276	2422	0.224	ng/ul	96

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

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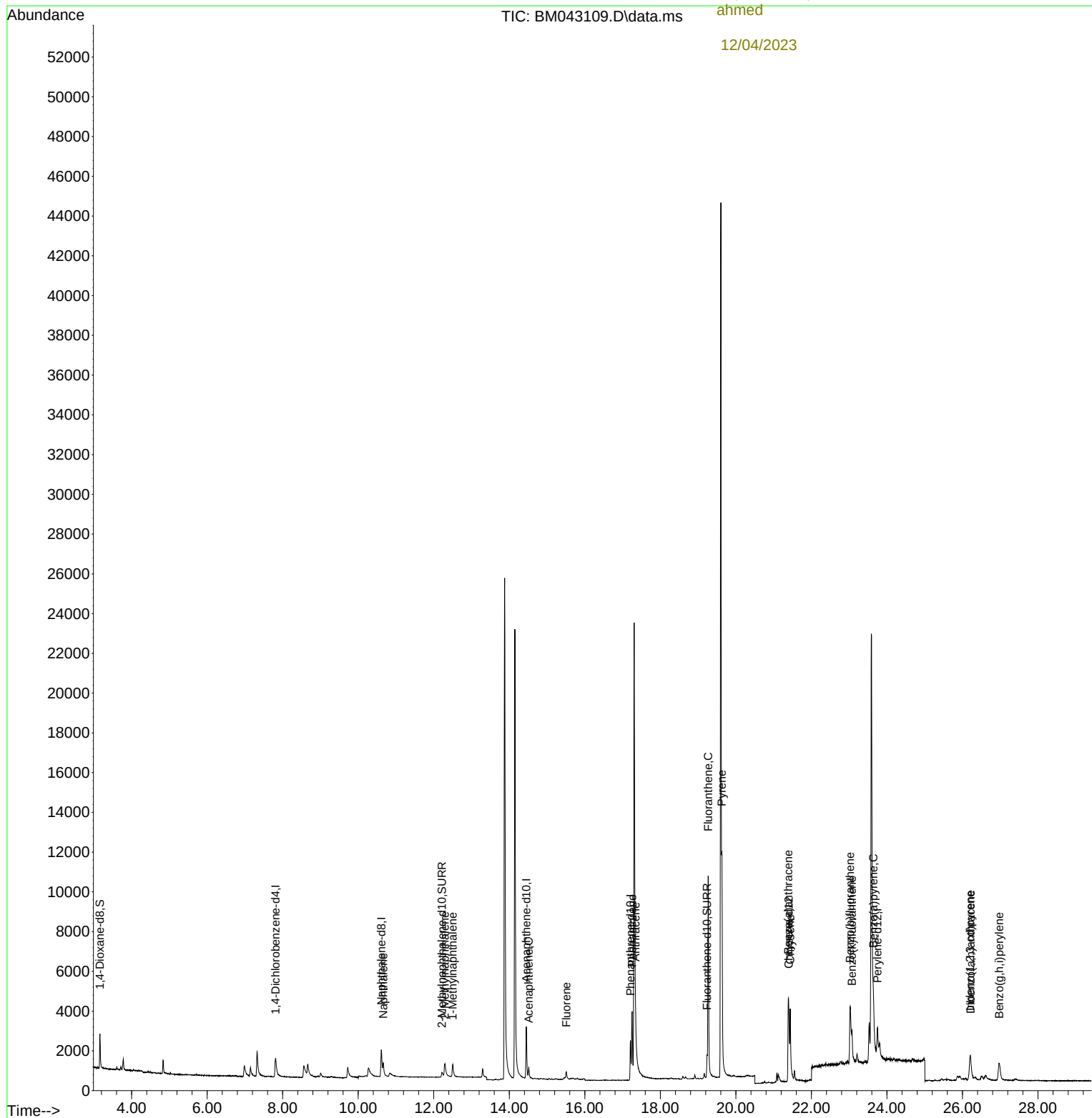
Quant Time: Dec 01 06:51:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:42:42 2023
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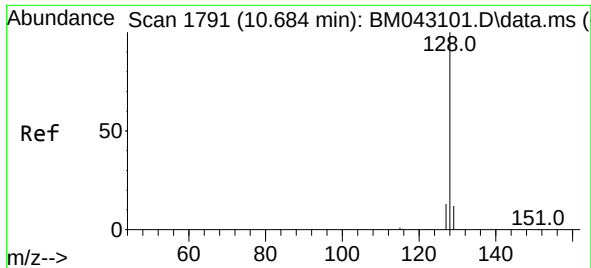
Manual Integrations
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Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

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ahmed

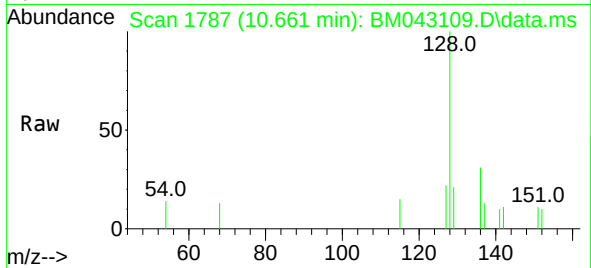
12/04/2023





#5
Naphthalene
Concen: 0.150 ng/ul
RT: 10.661 min Scan# 1787
Delta R.T. -0.027 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

Instrument :
BNA_M
ClientSampleId :
C0AA0



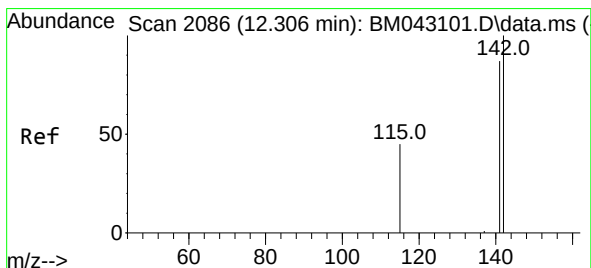
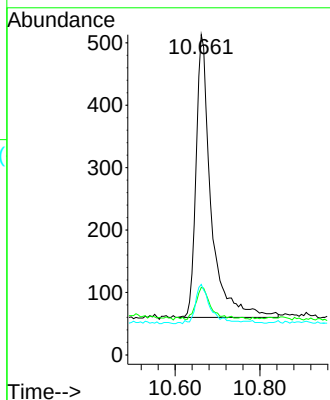
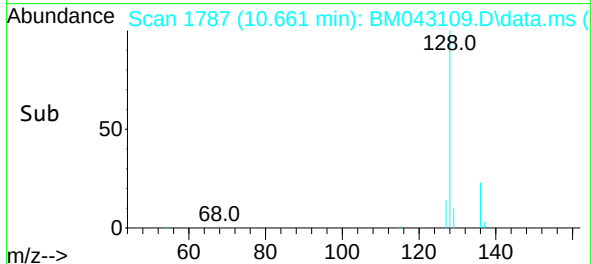
Tgt Ion:128 Resp: 1109
Ion Ratio Lower Upper
128 100
129 21.1 16.0 24.0
127 22.0 16.5 24.7

Manual Integrations
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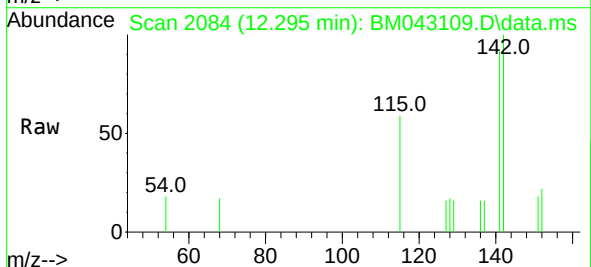
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

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ahmed

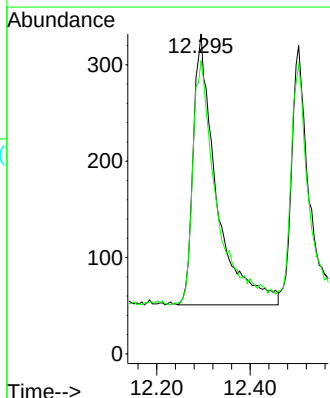
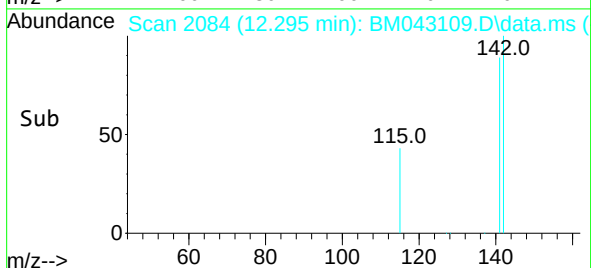
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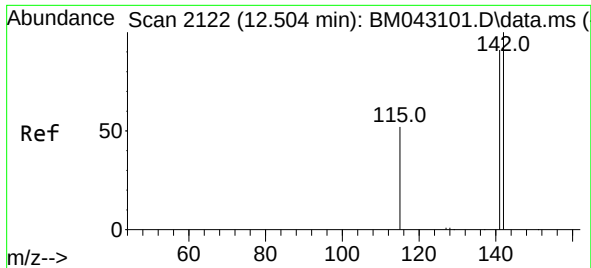


#7
2-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.295 min Scan# 2084
Delta R.T. -0.016 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20



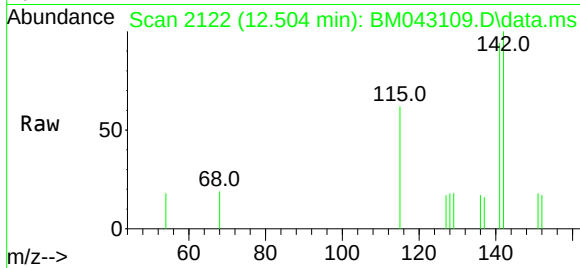
Tgt Ion:142 Resp: 971
Ion Ratio Lower Upper
142 100
141 94.4 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.125 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.005 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

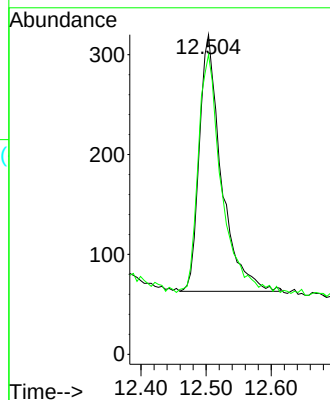
Instrument :
BNA_M
ClientSampleId :
C0AA0



Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
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141 97.4 73.8 110.8

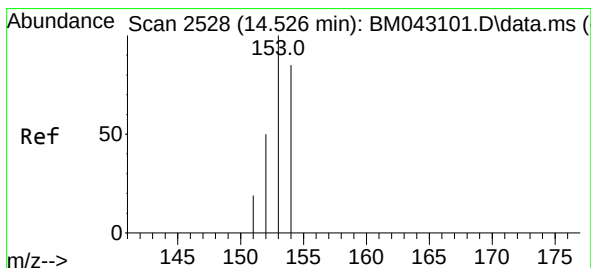
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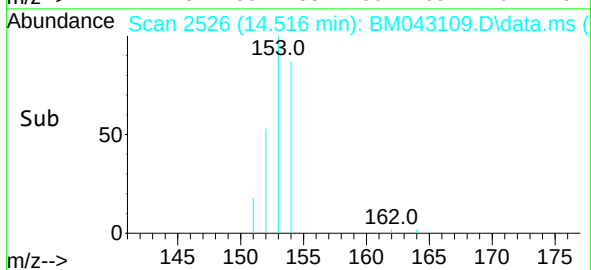
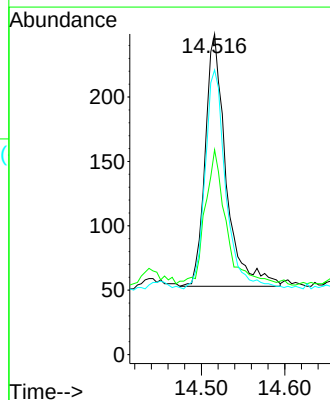
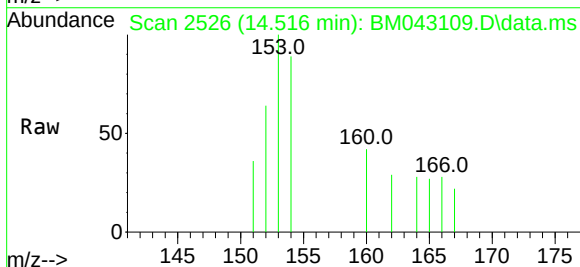
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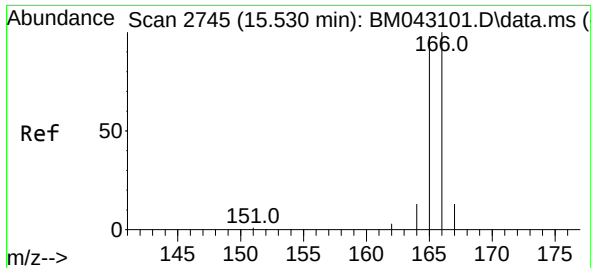
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#11
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.516 min Scan# 2526
Delta R.T. -0.009 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

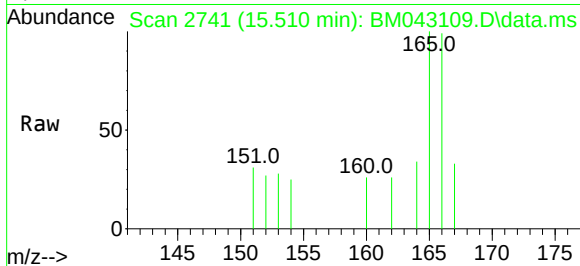
Tgt Ion:153 Resp: 342
Ion Ratio Lower Upper
153 100
152 63.9 43.9 65.9
154 88.8 70.6 105.8





#12
Fluorene
Concen: 0.054 ng/u1
RT: 15.510 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

Instrument :
BNA_M
ClientSampleId :
C0AA0



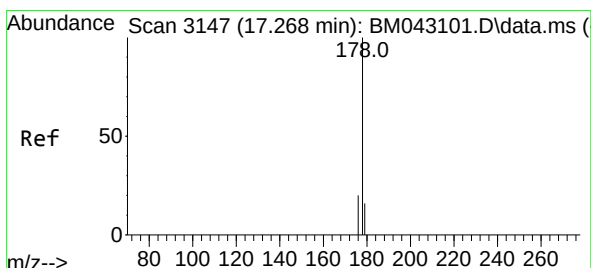
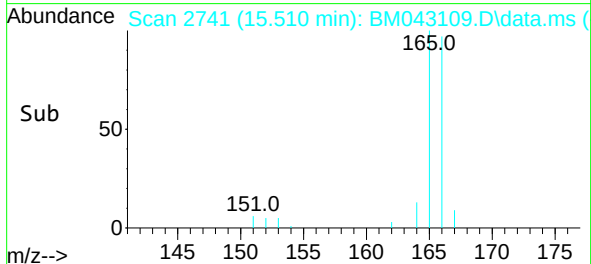
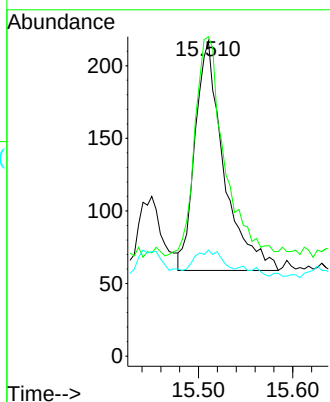
Tgt Ion:166 Resp: 339
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 33.6 14.2 21.4

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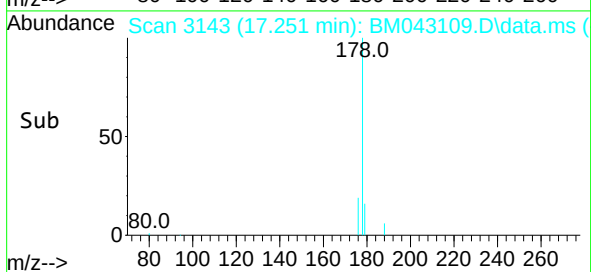
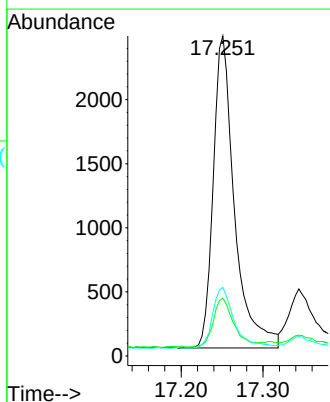
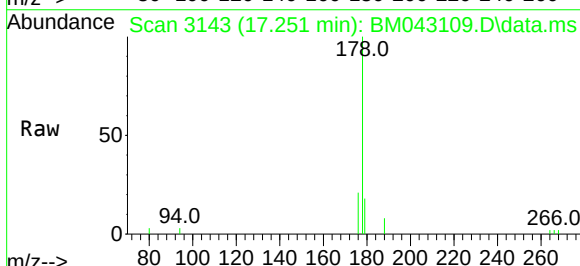
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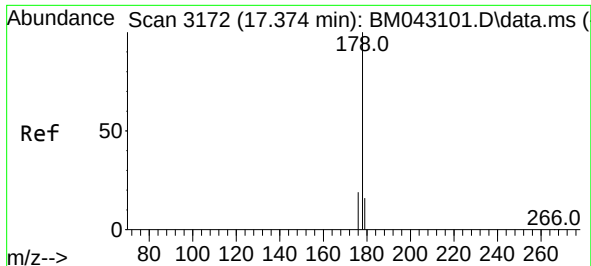
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#15
Phenanthrene
Concen: 0.500 ng/u1
RT: 17.251 min Scan# 3143
Delta R.T. -0.021 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

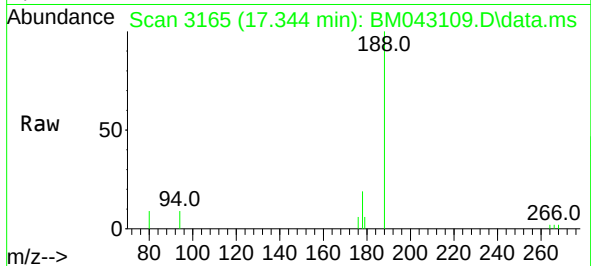
Tgt Ion:178 Resp: 4384
Ion Ratio Lower Upper
178 100
179 18.1 15.7 23.5
176 21.4 18.9 28.3





#16
 Anthracene
 Concen: 0.107 ng/ul m
 RT: 17.344 min Scan# 3172
 Delta R.T. -0.034 min
 Lab File: BM043109.D
 Acq: 01 Dec 2023 06:20

Instrument :
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 C0AA0



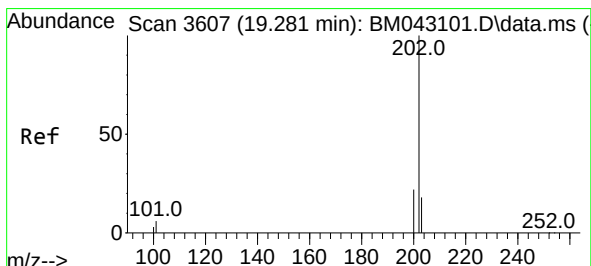
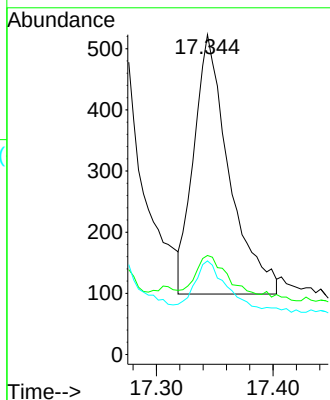
Tgt Ion:178 Resp: 889
 Ion Ratio Lower Upper
 178 100
 179 31.0 17.3 25.9#
 176 29.3 20.5 30.7#

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 Supervised By :mohammad ahmed 12/04/2023

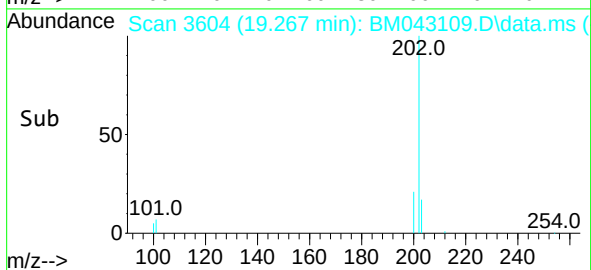
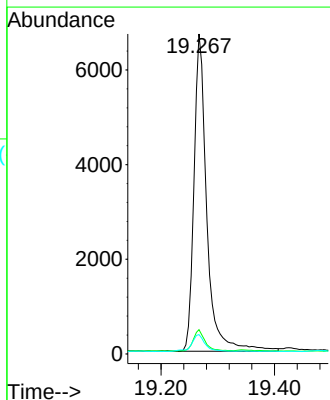
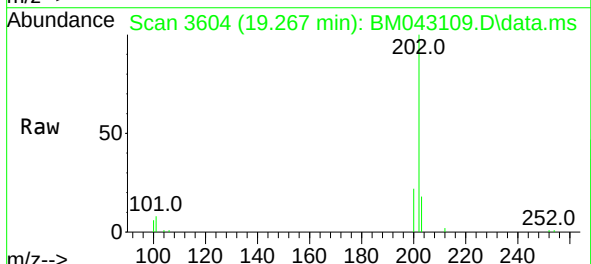
12/01/2023
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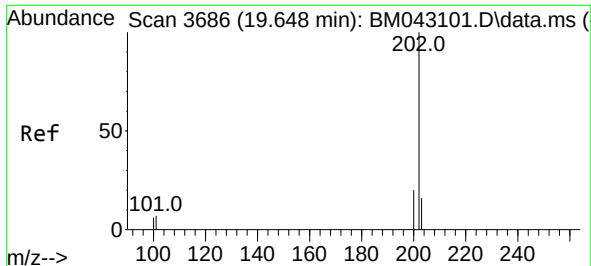
12/04/2023



#19
 Fluoranthene
 Concen: 0.894 ng/ul
 RT: 19.267 min Scan# 3604
 Delta R.T. -0.014 min
 Lab File: BM043109.D
 Acq: 01 Dec 2023 06:20

Tgt Ion:202 Resp: 10507
 Ion Ratio Lower Upper
 202 100
 101 7.6 7.8 11.8#
 100 6.1 7.1 10.7#





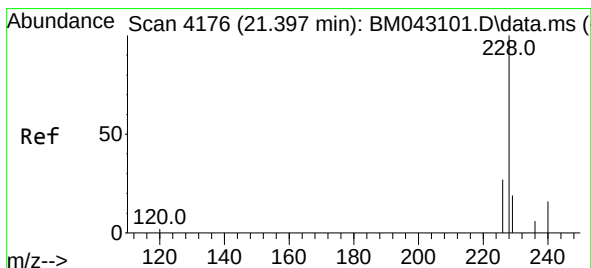
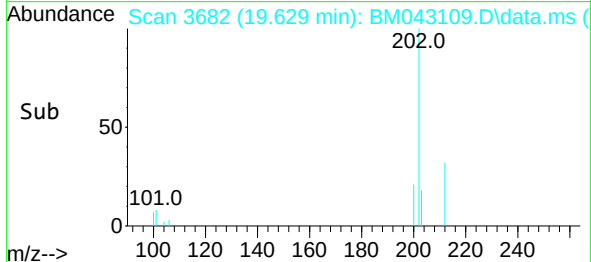
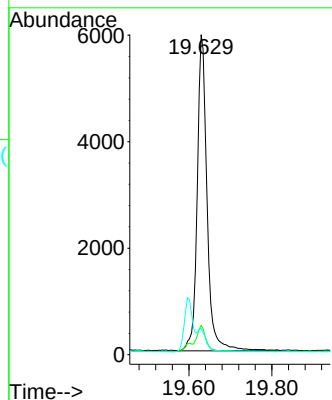
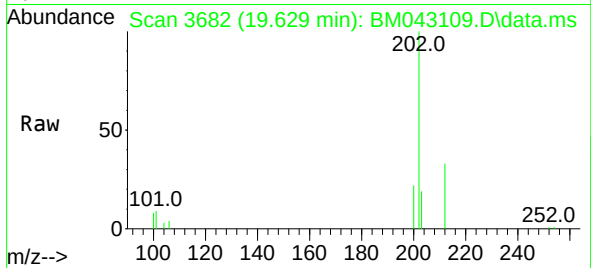
#20
Pyrene
Concen: 0.785 ng/u1
RT: 19.629 min Scan# 30
Delta R.T. -0.019 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

Instrument :
BNA_M
ClientSampleId :
C0AA0

Tgt Ion:202 Resp: 982
Ion Ratio Lower Upper
202 100
101 9.1 8.7 13.1
100 8.2 7.8 11.8

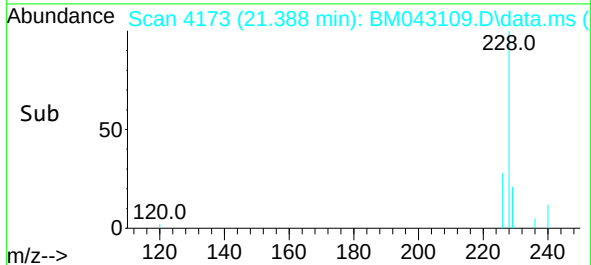
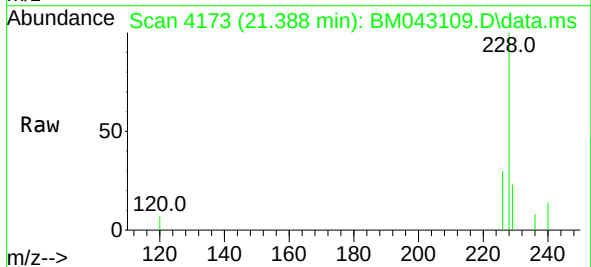
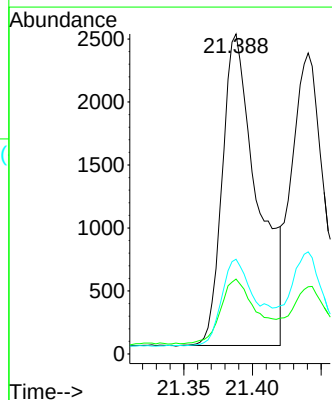
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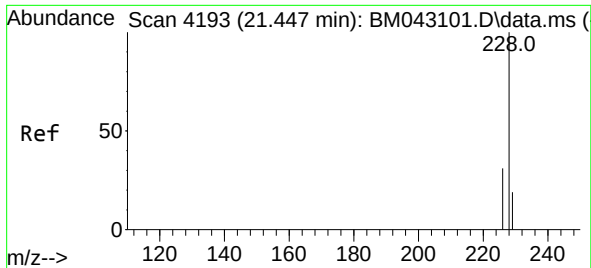
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#21
Benzo(a)anthracene
Concen: 0.655 ng/u1
RT: 21.388 min Scan# 4173
Delta R.T. -0.012 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

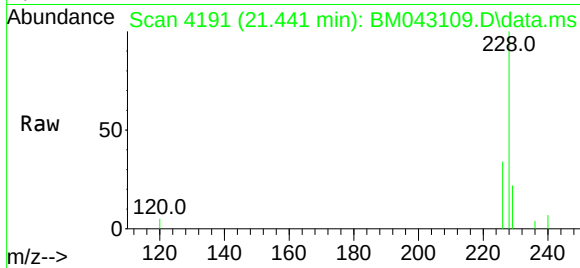
Tgt Ion:228 Resp: 4411
Ion Ratio Lower Upper
228 100
229 23.4 19.4 29.0
226 29.6 24.9 37.3





#22
Chrysene
Concen: 0.356 ng/ul
RT: 21.441 min Scan# 4191
Delta R.T. -0.009 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

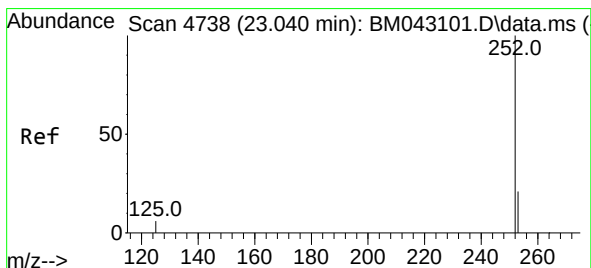
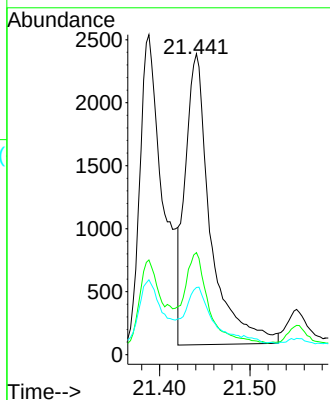
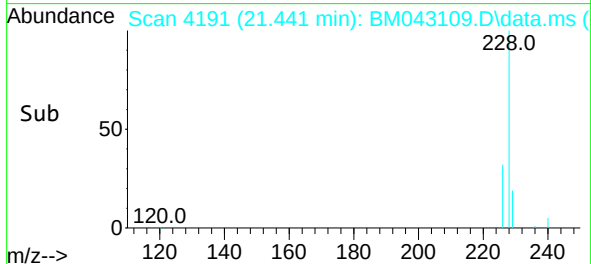
Instrument :
BNA_M
ClientSampleId :
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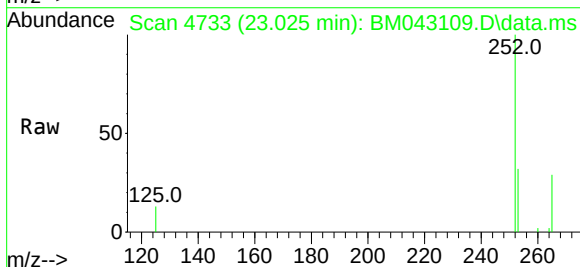
Tgt Ion:228 Resp: 4464
Ion Ratio Lower Upper
228 100
226 33.9 27.2 40.8
229 22.4 18.0 27.0

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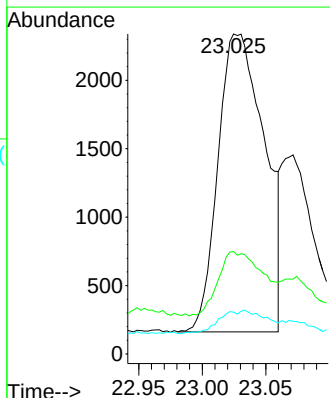
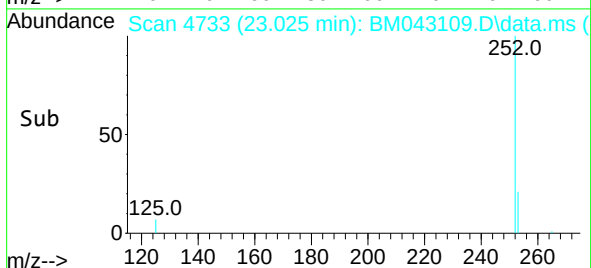
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023

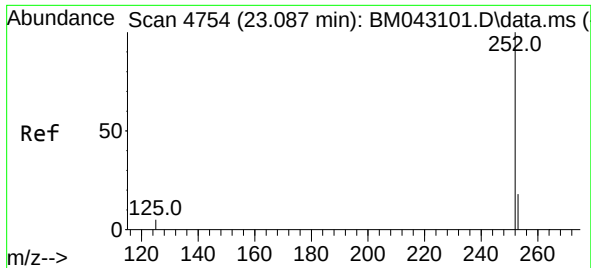


#24
Benzo(b)fluoranthene
Concen: 0.738 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.012 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20



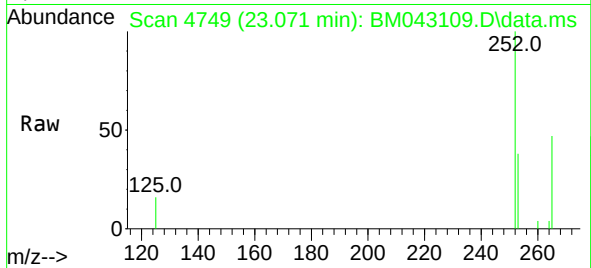
Tgt Ion:252 Resp: 5552
Ion Ratio Lower Upper
252 100
253 32.0 0.0 71.8
125 13.1 0.0 29.0





#25
Benzo(k)fluoranthene
Concen: 0.293 ng/ul m
RT: 23.071 min Scan# 4754
Delta R.T. -0.018 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

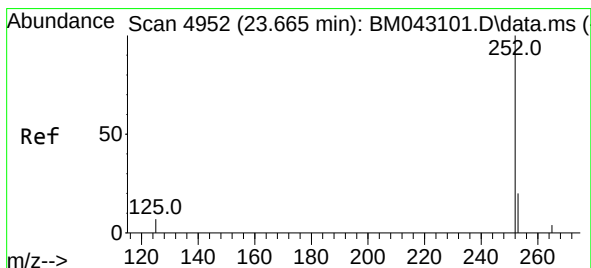
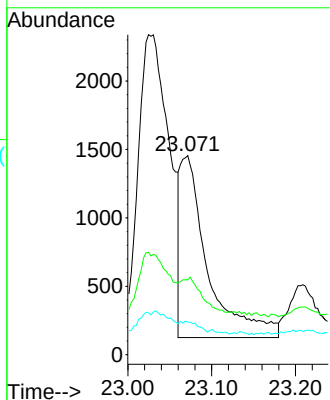
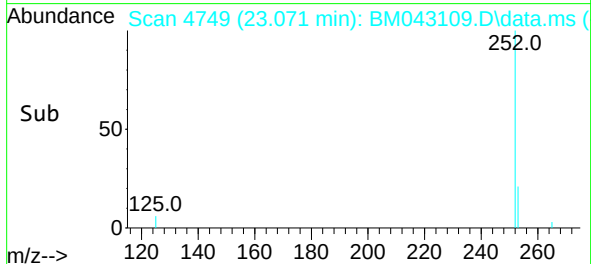
Instrument :
BNA_M
ClientSampleId :
C0AA0



Tgt Ion:252 Resp: 303
Ion Ratio Lower Upper
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253 37.6 28.2 42.2
125 16.4 11.0 16.6

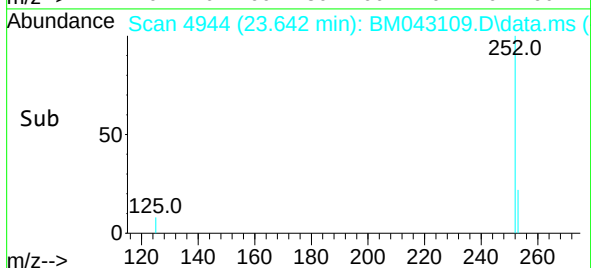
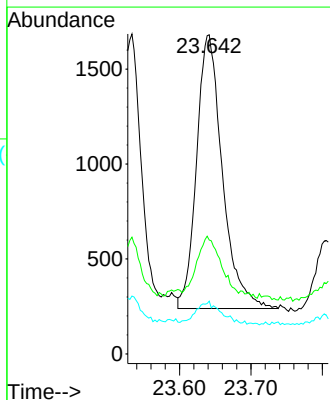
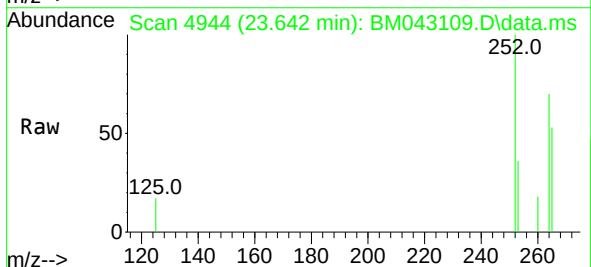
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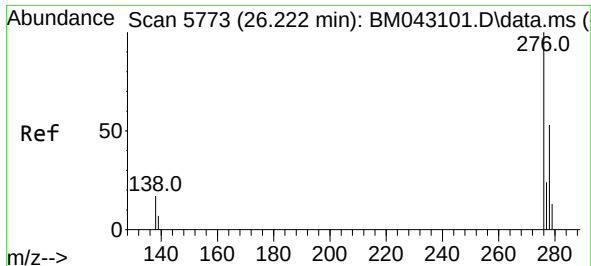
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/04/2023



#26
Benzo(a)pyrene
Concen: 0.442 ng/ul
RT: 23.642 min Scan# 4944
Delta R.T. -0.026 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

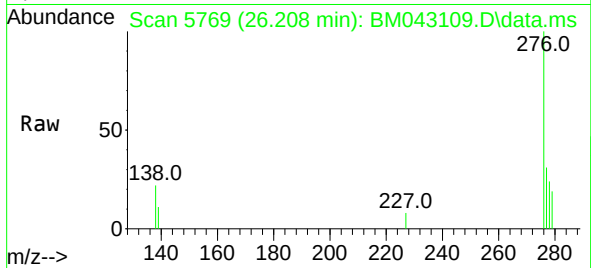
Tgt Ion:252 Resp: 3625
Ion Ratio Lower Upper
252 100
253 35.7 36.6 55.0#
125 16.5 16.2 24.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.208 min Scan# 5769
Delta R.T. -0.020 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20

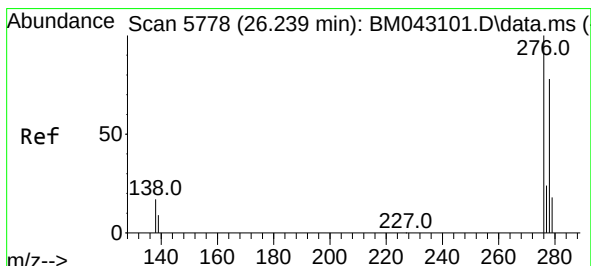
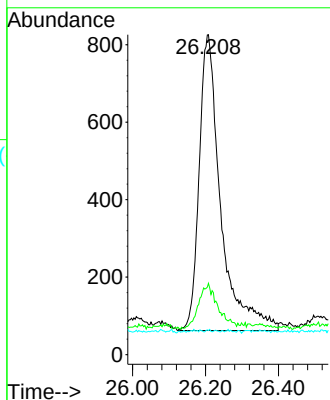
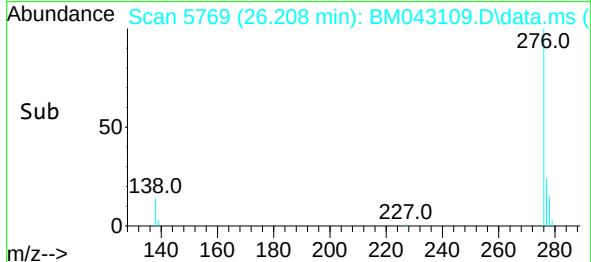
Instrument :
BNA_M
ClientSampleId :
C0AA0



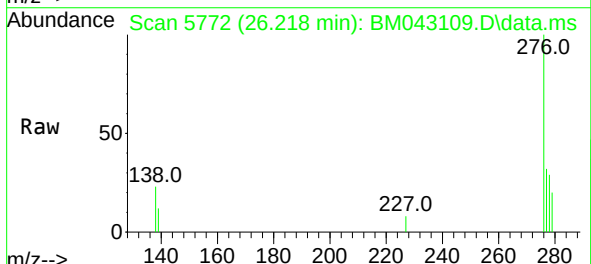
Tgt Ion: 276 Resp: 314
Ion Ratio Lower Upper
276 100
138 13.8 0.0 0.0
227 0.2 0.2 0.2

Manual Integrations
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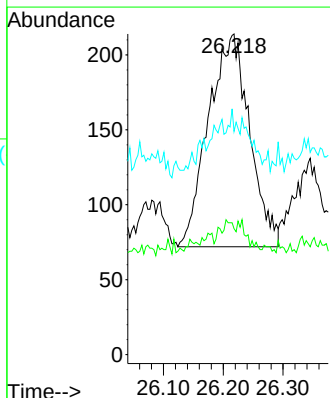
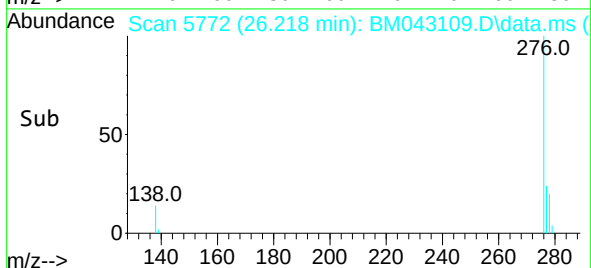
Reviewed By : Yogesh Patel 12/01/2023
Supervised By : mohammad ahmed 12/04/2023

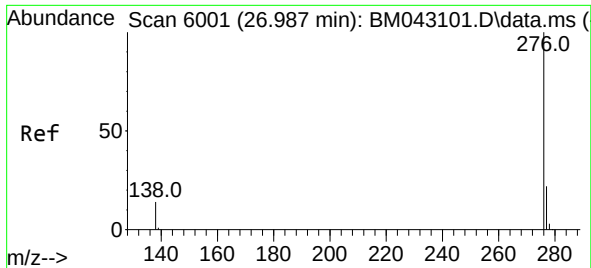


#28
Dibenzo(a,h)anthracene
Concen: 0.079 ng/ul
RT: 26.218 min Scan# 5772
Delta R.T. -0.030 min
Lab File: BM043109.D
Acq: 01 Dec 2023 06:20



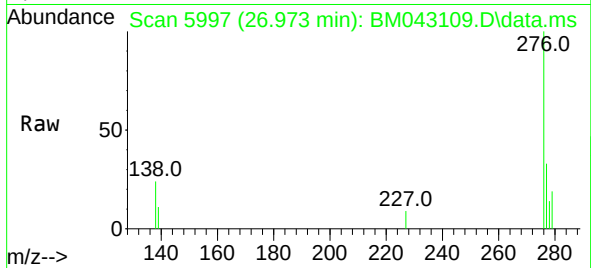
Tgt Ion: 278 Resp: 680
Ion Ratio Lower Upper
278 100
139 39.3 18.1 27.1#
279 69.6 34.4 51.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.224 ng/ul
 RT: 26.973 min Scan# 5997
 Delta R.T. -0.013 min
 Lab File: BM043109.D
 Acq: 01 Dec 2023 06:20

Instrument :
 BNA_M
 ClientSampleId :
 C0AA0



Tgt Ion:	276	Resp:	242
Ion	Ratio	Lower	Upper
276	100		
138	23.8	17.8	26.8
277	32.6	23.8	35.8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/04/2023

