

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045895.D
 Acq On : 08 Jun 2024 00:09
 Operator : MA/JU
 Sample : P2586-05DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 08 00:45:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	6793	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.242	136	23123	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.117	164	12474	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	25605	0.400	ng/ul	0.00
17) Chrysene-d12	21.047	240	20569	0.400	ng/ul	# 0.00
23) Perylene-d12	23.157	264	22647	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	6926	0.895	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.843	152	1919	0.058	ng/ul	0.00
18) Fluoranthene-d10	18.885	212	4245	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	10848	0.180	ng/ul	98
7) 2-Methylnaphthalene	11.919	142	3858	0.100	ng/ul	100
8) 1-Methylnaphthalene	12.139	142	3088	0.074	ng/ul	100
10) Acenaphthylene	13.830	152	19986	0.352	ng/ul	99
11) Acenaphthene	14.177	153	6067	0.146	ng/ul	99
12) Fluorene	15.167	166	8245	0.177	ng/ul#	97
14) Pentachlorophenol	16.540	266	147	0.031	ng/ul	91
15) Phenanthrene	16.895	178	179099	2.491	ng/ul	99
16) Anthracene	16.988	178	32244	0.526	ng/ul	98
19) Fluoranthene	18.917	202	377790	4.606	ng/ul	97
20) Pyrene	19.280	202	309344	3.615	ng/ul	96
21) Benzo(a)anthracene	21.029	228	167991	2.225	ng/ul	98
22) Chrysene	21.082	228	193289	2.352	ng/ul	99
24) Benzo(b)fluoranthene	22.534	252	260348m	3.466	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	81270m	0.985	ng/ul	
26) Benzo(a)pyrene	23.066	252	110472	1.479	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.222	276	100014	1.035	ng/ul	93
28) Dibenzo(a,h)anthracene	25.226	278	30252	0.392	ng/ul	96
29) Benzo(g,h,i)perylene	25.853	276	16448	0.197	ng/ul#	89

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

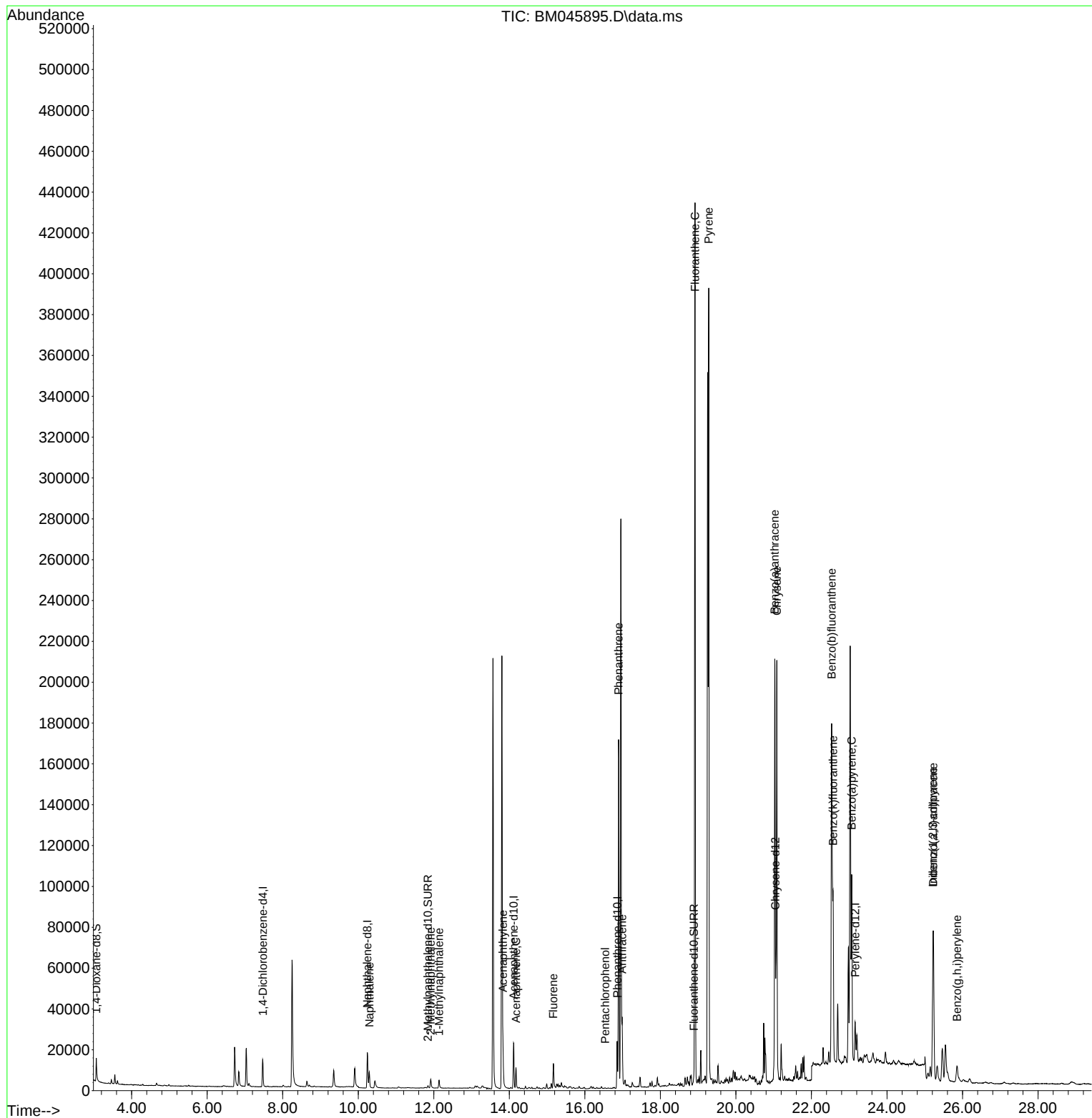
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045895.D
Acq On : 08 Jun 2024 00:09
Operator : MA/JU
Sample : P2586-05DL 5X
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ALS Vial : 23 Sample Multiplier: 1

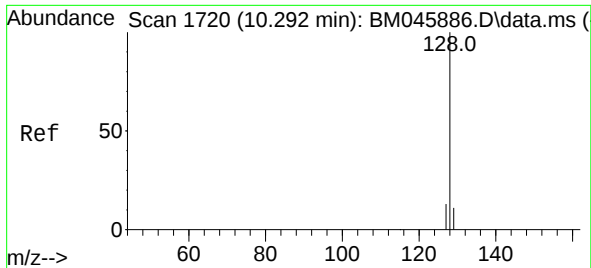
Instrument :
BNA_M
ClientSampleId :
A4D18DL

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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

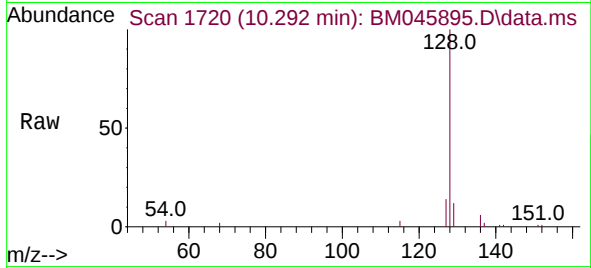
Quant Time: Jun 08 00:45:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.180 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

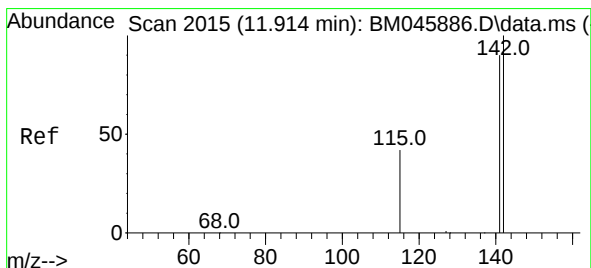
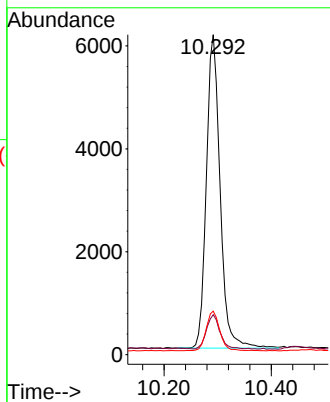
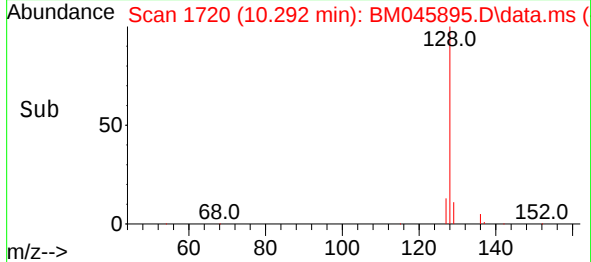
Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:128 Resp: 10848
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.6 10.6 15.8

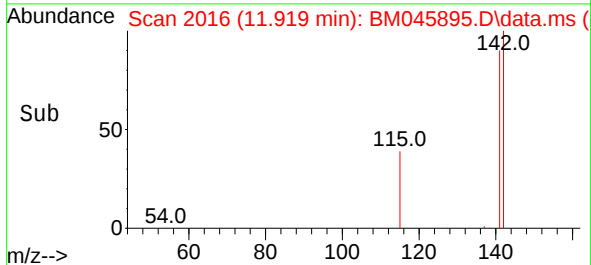
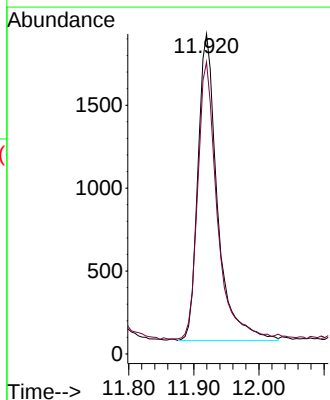
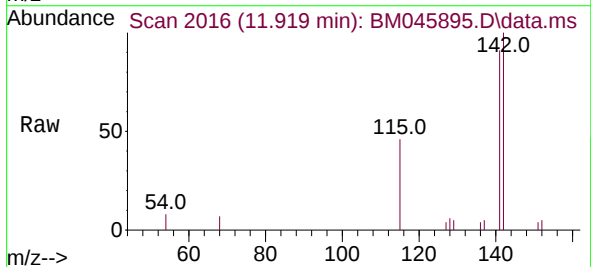
Manual Integrations
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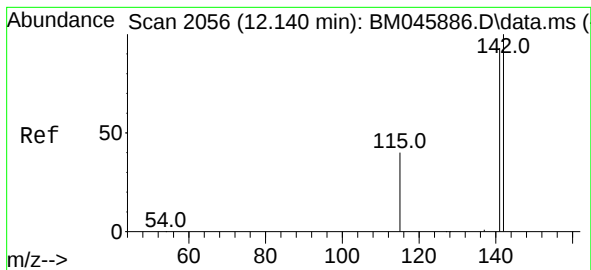
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.100 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

Tgt Ion:142 Resp: 3858
Ion Ratio Lower Upper
142 100
141 90.5 72.2 108.4





#8

1-Methylnaphthalene

Concen: 0.074 ng/ul

RT: 12.139 min Scan# 2056

Delta R.T. -0.006 min

Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

Instrument :

BNA_M

ClientSampleId :

A4D18DL

Tgt Ion:142 Resp: 308

Ion Ratio Lower Upper

142 100

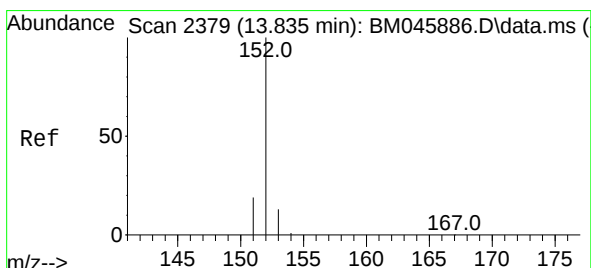
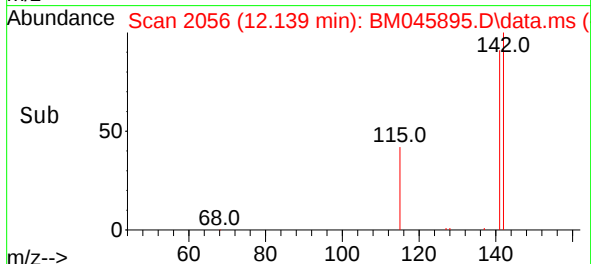
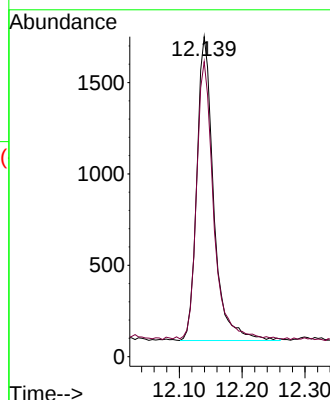
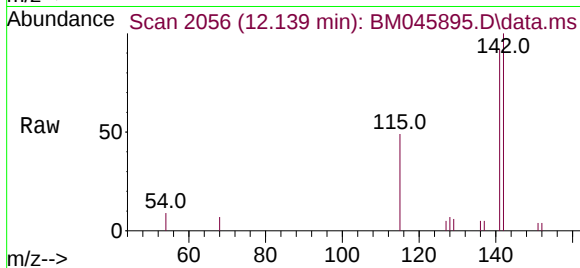
141 91.6 73.5 110.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#10

Acenaphthylene

Concen: 0.352 ng/ul

RT: 13.830 min Scan# 2378

Delta R.T. -0.009 min

Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

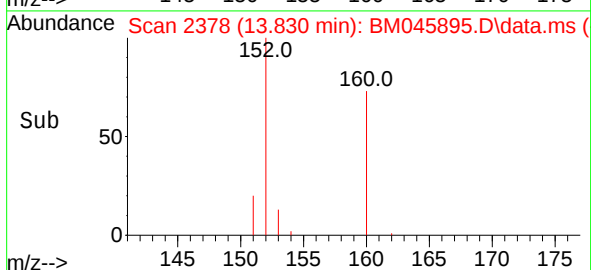
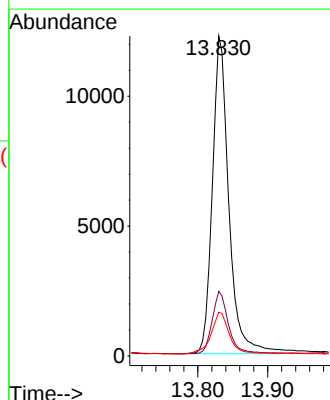
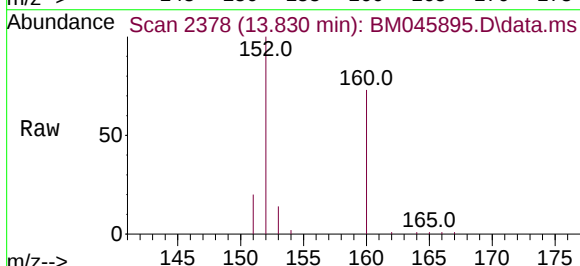
Tgt Ion:152 Resp: 19986

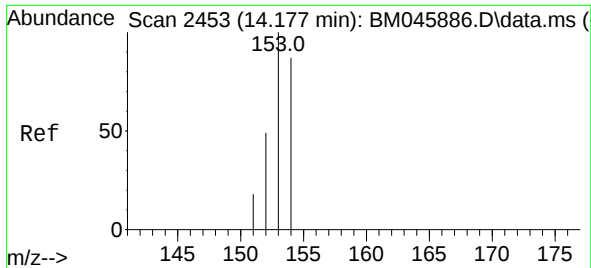
Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

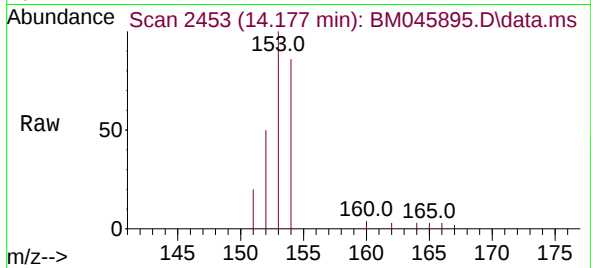
153 13.6 11.1 16.7





#11
Acenaphthene
Concen: 0.146 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

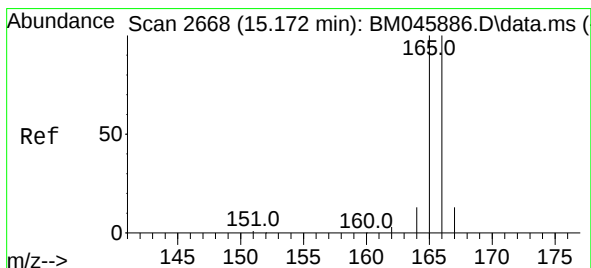
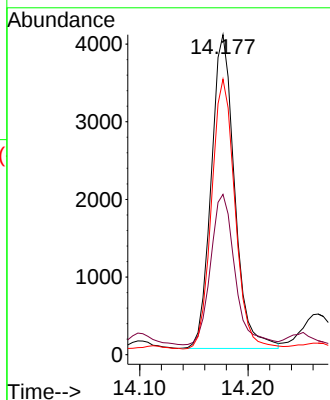
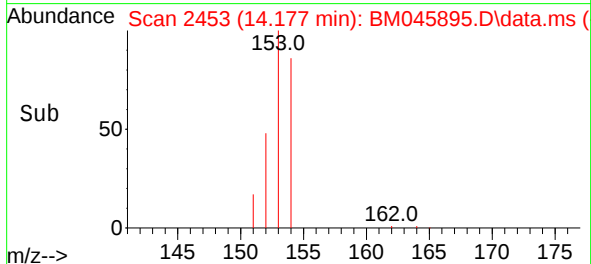
Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:153 Resp: 606
Ion Ratio Lower Upper
153 100
152 50.1 39.0 58.4
154 86.1 69.4 104.2

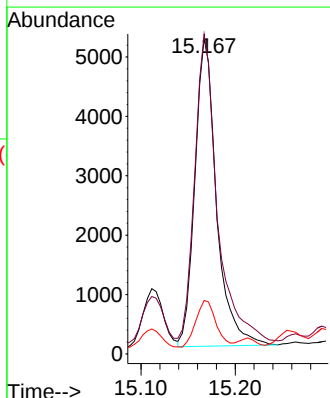
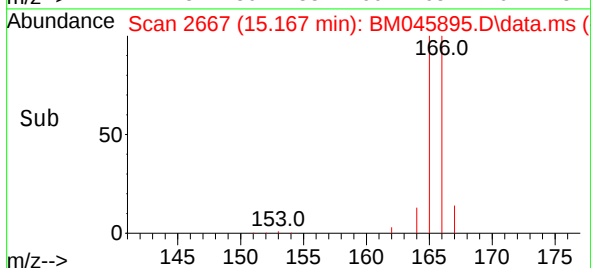
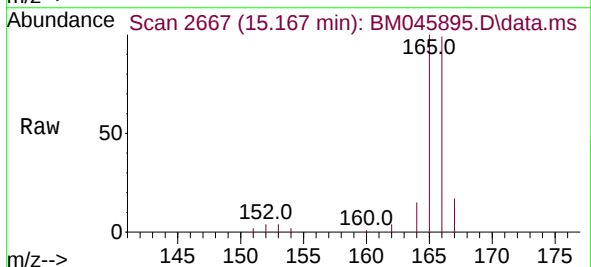
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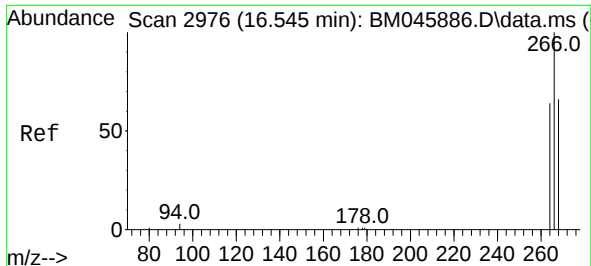
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.167 min Scan# 2667
Delta R.T. -0.009 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

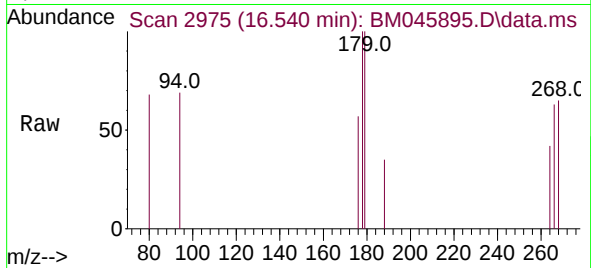
Tgt Ion:166 Resp: 8245
Ion Ratio Lower Upper
166 100
165 101.5 79.7 119.5
167 16.9 11.3 16.9#





#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.540 min Scan# 2976
Delta R.T. -0.013 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

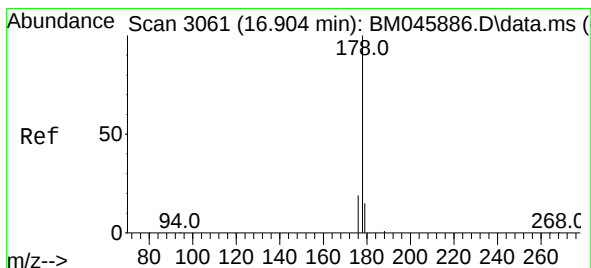
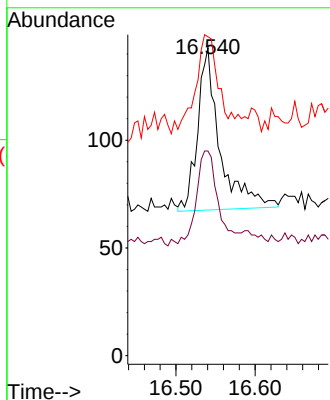
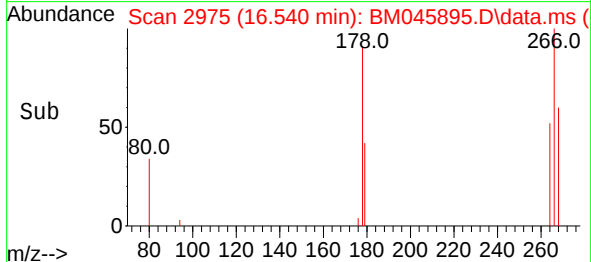
Instrument :
BNA_M
ClientSampleId :
A4D18DL



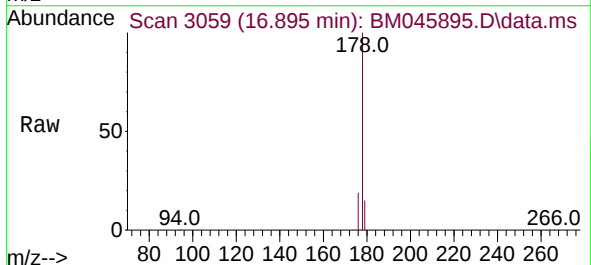
Tgt Ion:266 Resp: 147
Ion Ratio Lower Upper
266 100
264 66.0 47.9 71.9
268 71.4 50.9 76.3

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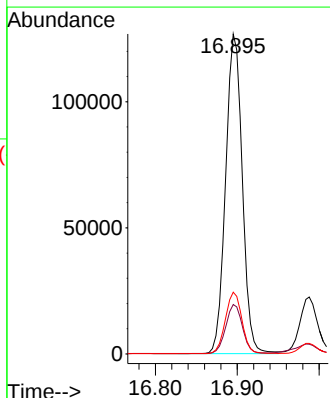
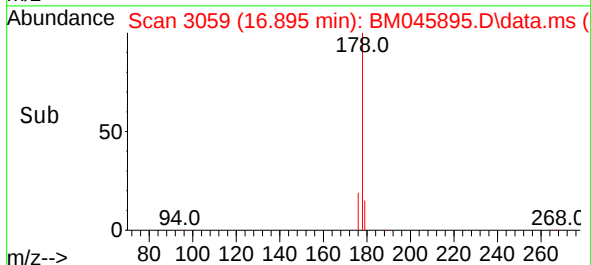
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

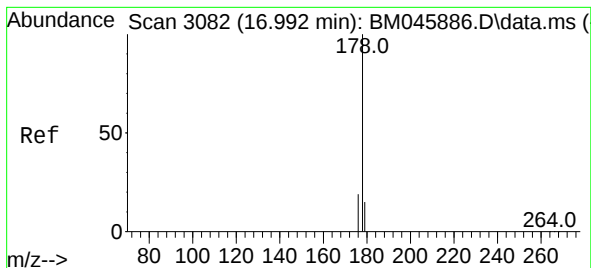


#15
Phenanthrene
Concen: 2.491 ng/ul
RT: 16.895 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09



Tgt Ion:178 Resp: 179099
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.3 15.6 23.4





#16

Anthracene

Concen: 0.526 ng/ul

RT: 16.988 min Scan# 3082

Delta R.T. -0.009 min

Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

Instrument :

BNA_M

ClientSampleId :

A4D18DL

Tgt Ion:178 Resp: 3224

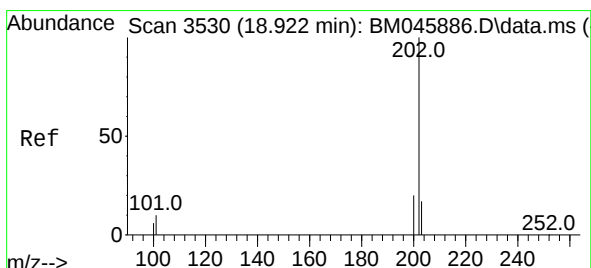
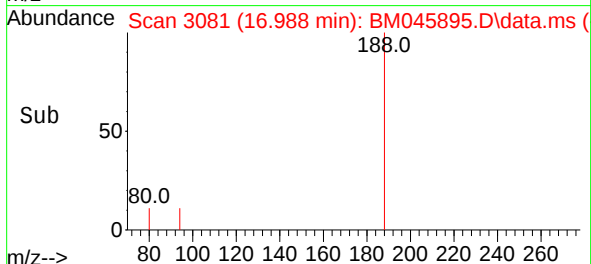
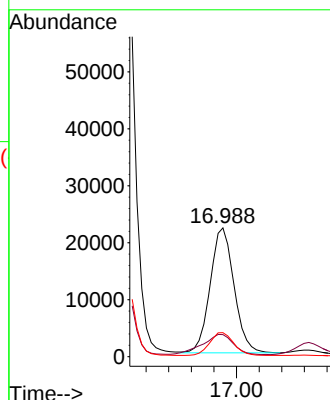
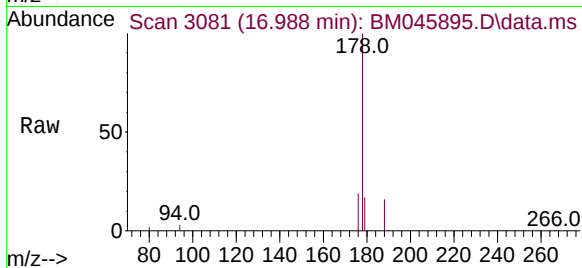
Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.1	19.7
176	18.6	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/13/2024



#19

Fluoranthene

Concen: 4.606 ng/ul

RT: 18.917 min Scan# 3529

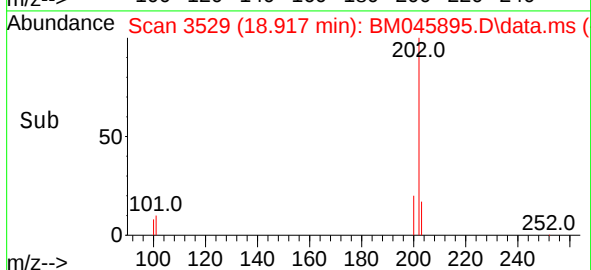
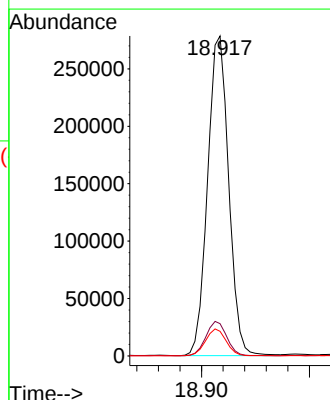
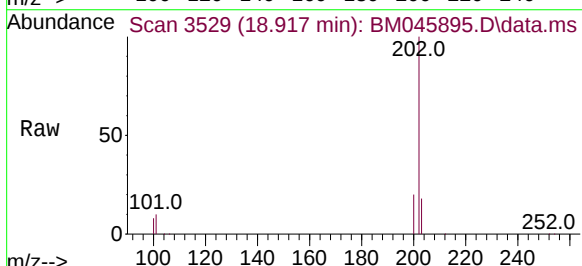
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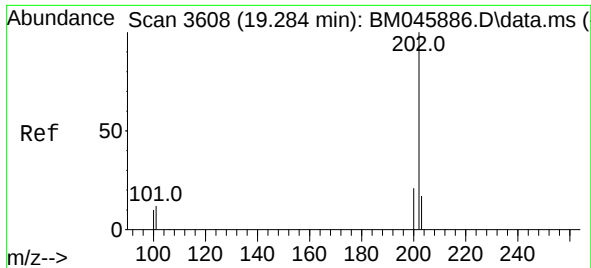
Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

Tgt Ion:202 Resp: 377790

Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.0	13.6
100	7.7	7.0	10.6





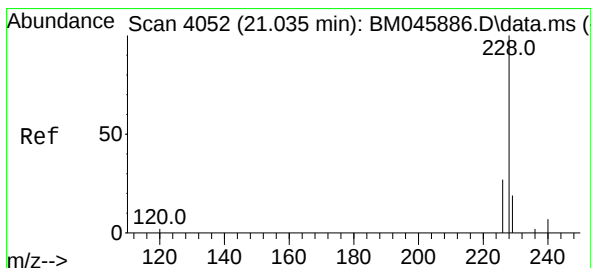
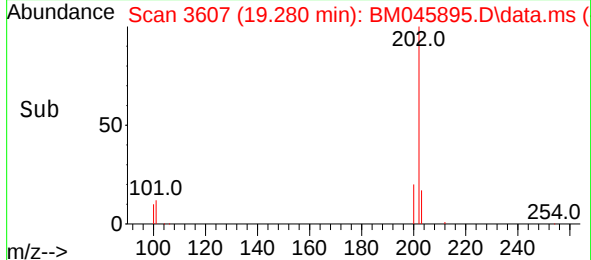
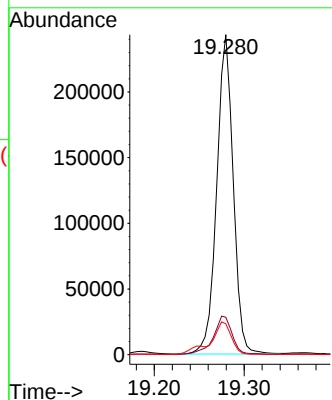
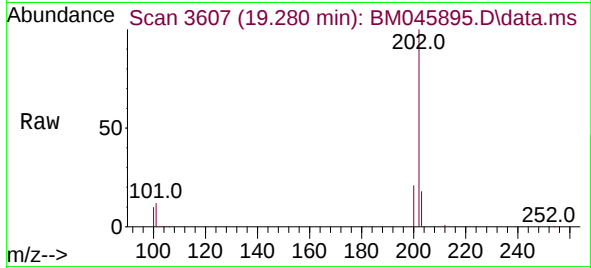
#20
Pyrene
Concen: 3.615 ng/ul
RT: 19.280 min Scan# 3608
Delta R.T. -0.005 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

Instrument :
BNA_M
ClientSampleId :
A4D18DL

Tgt Ion:202 Resp: 30934
Ion Ratio Lower Upper
202 100
101 11.7 10.6 16.0
100 9.6 9.1 13.7

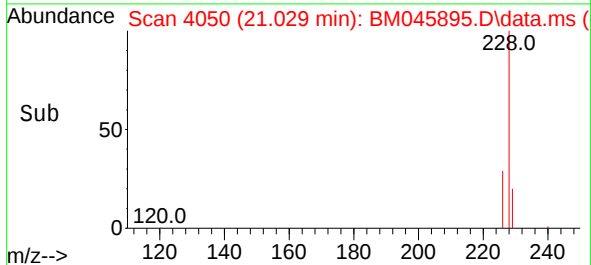
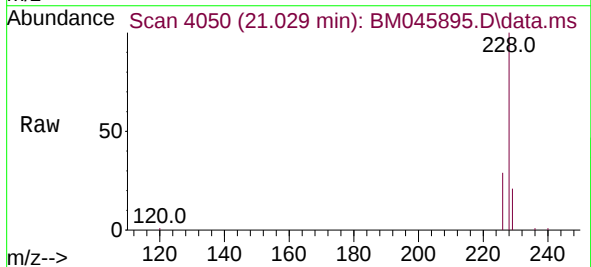
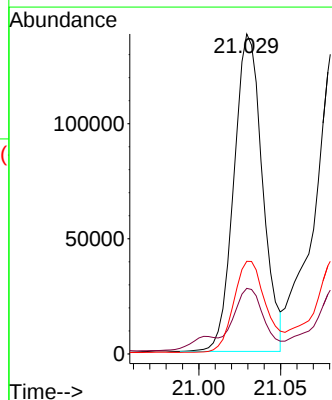
Manual Integrations
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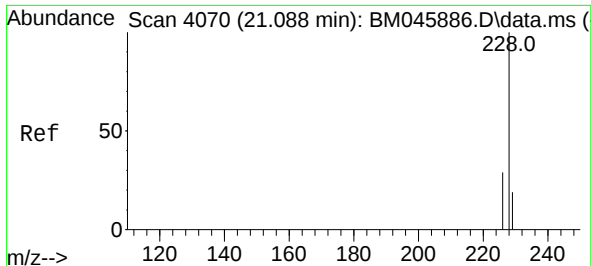
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#21
Benzo(a)anthracene
Concen: 2.225 ng/ul
RT: 21.029 min Scan# 4050
Delta R.T. -0.006 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

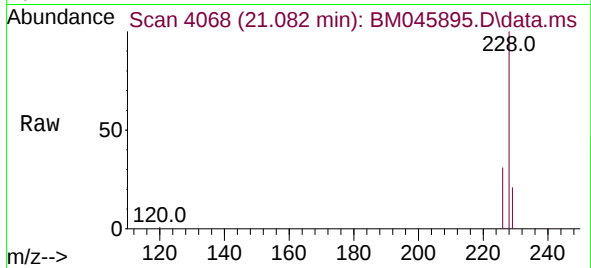
Tgt Ion:228 Resp: 167991
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 28.9 22.0 33.0





#22
Chrysene
Concen: 2.352 ng/ul
RT: 21.082 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

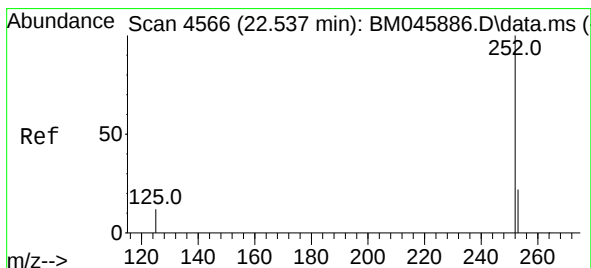
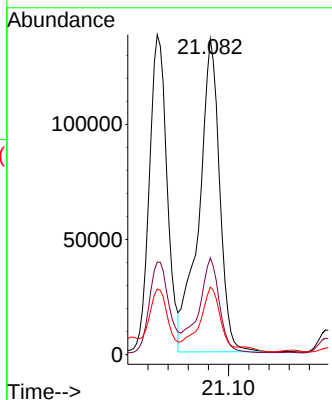
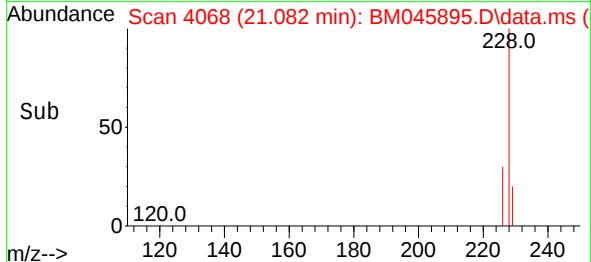
Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:228 Resp: 193289
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 21.4 16.2 24.2

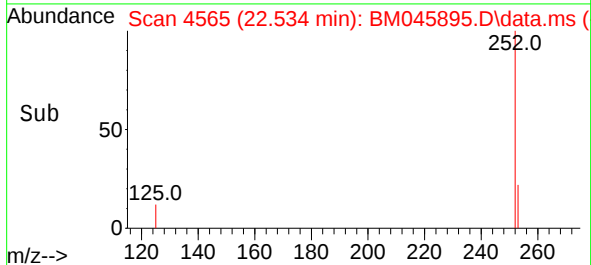
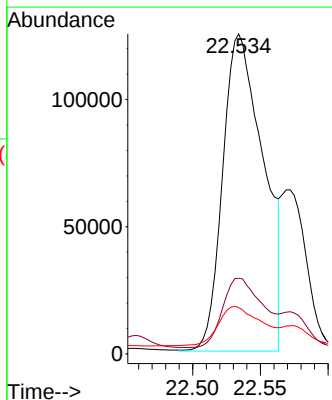
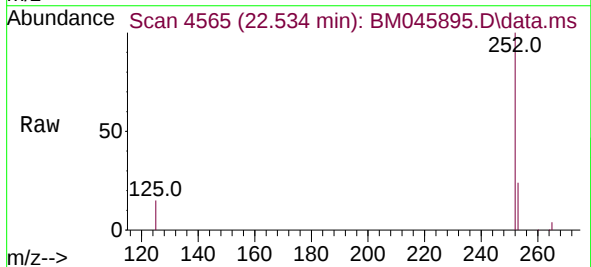
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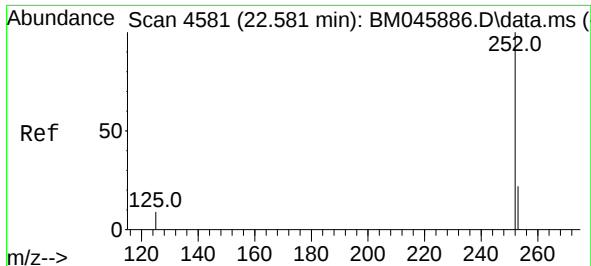
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#24
Benzo(b)fluoranthene
Concen: 3.466 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

Tgt Ion:252 Resp: 260348
Ion Ratio Lower Upper
252 100
253 23.6 0.0 63.6
125 14.5 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.985 ng/ul m

RT: 22.572 min Scan# 4578

Delta R.T. -0.009 min

Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

Instrument :

BNA_M

ClientSampleId :

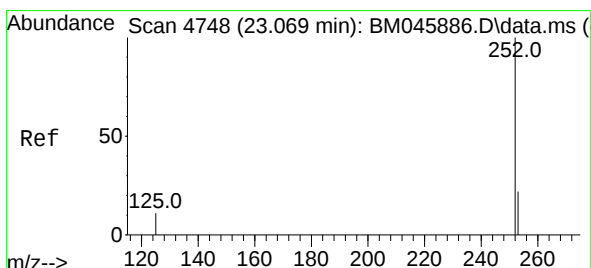
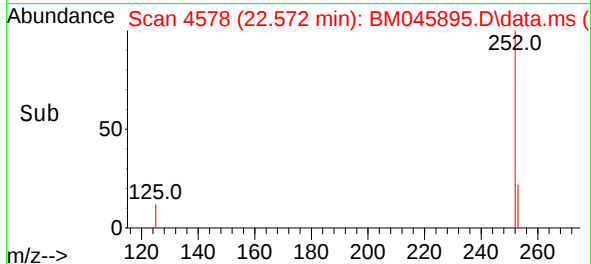
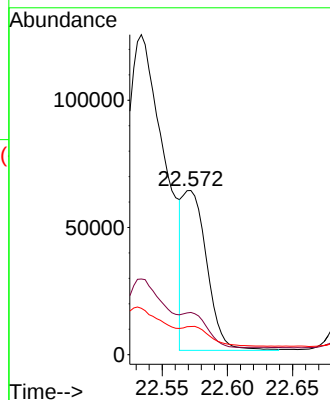
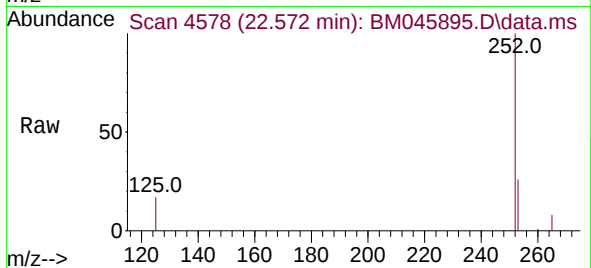
A4D18DL

Tgt Ion:252 Resp: 81270
 Ion Ratio Lower Upper
 252 100
 253 25.7 25.0 37.6
 125 17.2 14.2 21.2

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Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



#26

Benzo(a)pyrene

Concen: 1.479 ng/ul

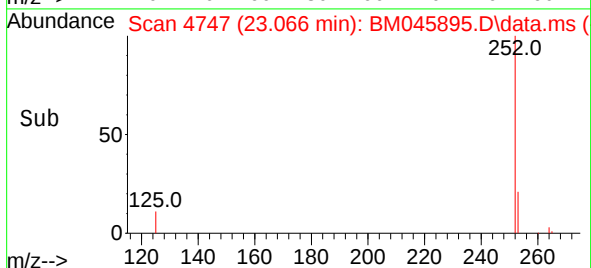
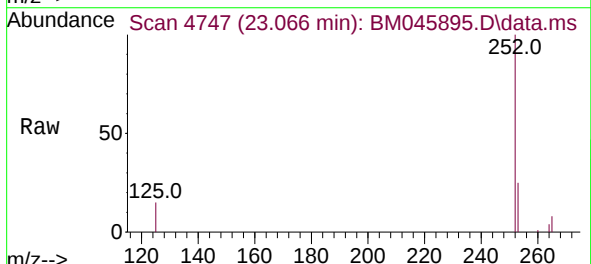
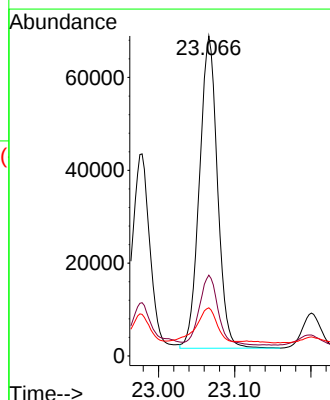
RT: 23.066 min Scan# 4747

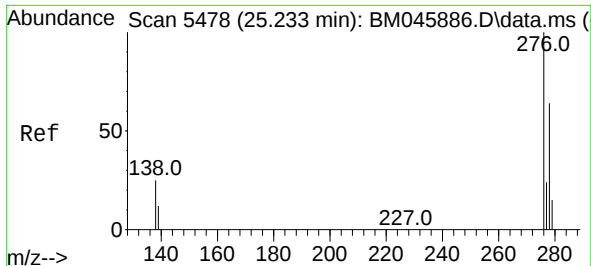
Delta R.T. -0.006 min

Lab File: BM045895.D

Acq: 08 Jun 2024 00:09

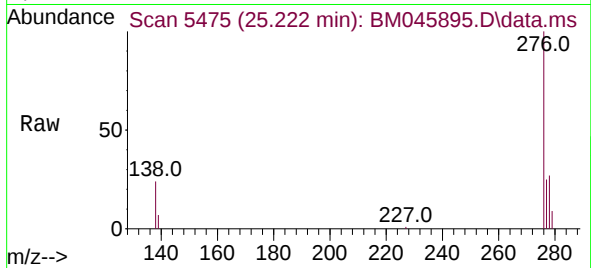
Tgt Ion:252 Resp: 110472
 Ion Ratio Lower Upper
 252 100
 253 25.3 28.8 43.2#
 125 15.1 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.035 ng/ul
RT: 25.222 min Scan# 5475
Delta R.T. -0.010 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

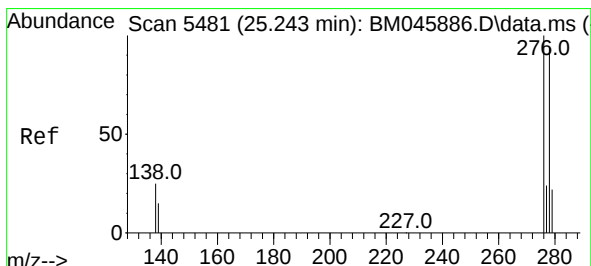
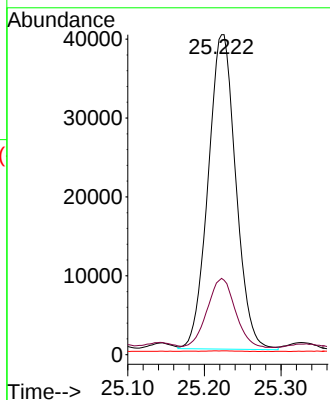
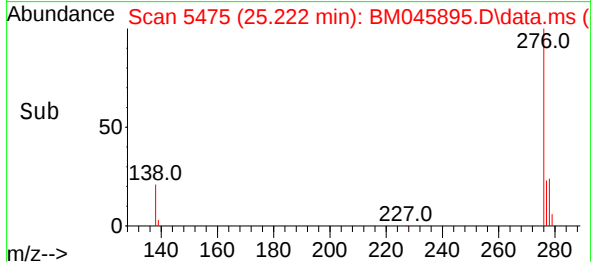
Instrument :
BNA_M
ClientSampleId :
A4D18DL



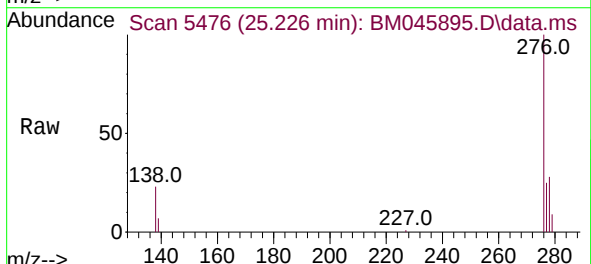
Tgt Ion:276 Resp: 100014
Ion Ratio Lower Upper
276 100
138 22.2 20.7 31.1
227 0.2 0.2 0.2

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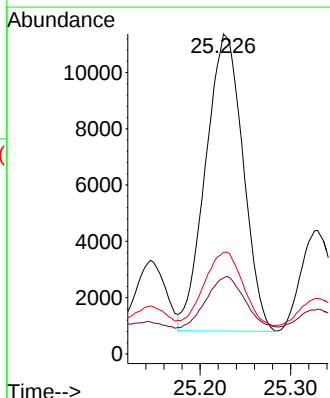
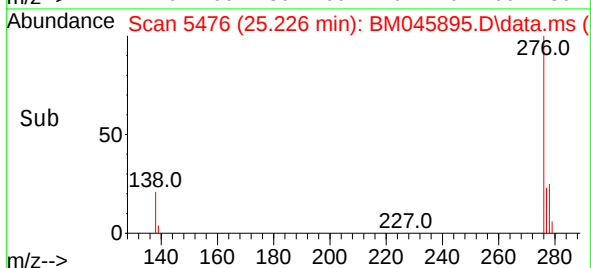
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

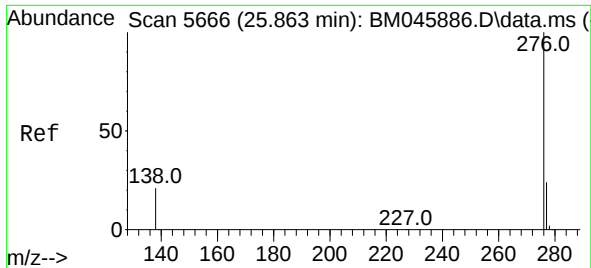


#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 25.226 min Scan# 5476
Delta R.T. -0.023 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09



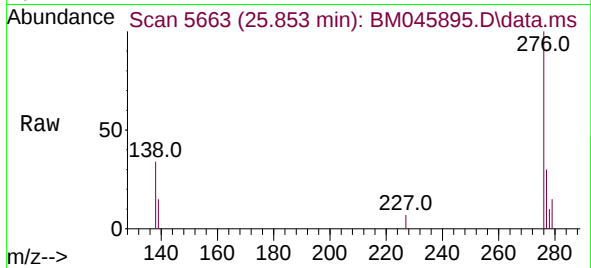
Tgt Ion:278 Resp: 30252
Ion Ratio Lower Upper
278 100
139 23.7 16.6 25.0
279 31.7 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 25.853 min Scan# 50
Delta R.T. -0.010 min
Lab File: BM045895.D
Acq: 08 Jun 2024 00:09

Instrument :
BNA_M
ClientSampleId :
A4D18DL



Tgt Ion:276 Resp: 16448
Ion Ratio Lower Upper
276 100
138 33.5 21.0 31.4
277 29.9 20.5 30.7

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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

