

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049110.D
 Acq On : 20 Dec 2024 21:01
 Operator : RC/JU
 Sample : P5265-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Z1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 20 22:11:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 18 15:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	9512	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	29566	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	16786	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	37786m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	28692m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	31113m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	50108	4.568	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	10732	0.270	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	18235m	0.224	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	4417	0.060	ng/ul#	90
7) 2-Methylnaphthalene	11.992	142	4039	0.086	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	4299	0.090	ng/ul	100
10) Acenaphthylene	13.910	152	12662	0.182	ng/ul	96
11) Acenaphthene	14.257	153	13984	0.275	ng/ul	100
12) Fluorene	15.251	166	11598	0.202	ng/ul	97
15) Phenanthrene	16.985	178	982880m	9.959	ng/ul	
16) Anthracene	17.074	178	35617m	0.393	ng/ul	
19) Fluoranthene	19.011	202	2283590m	22.013	ng/ul	
20) Pyrene	19.374	202	2047503m	18.507	ng/ul	
21) Benzo(a)anthracene	21.131	228	494844m	4.958	ng/ul	
22) Chrysene	21.181	228	776050m	7.245	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	1186263m	11.934	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	387537m	3.553	ng/ul	
26) Benzo(a)pyrene	23.212	252	690633m	7.245	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	731378m	5.421	ng/ul	
28) Dibenzo(a,h)anthracene	25.450	278	113730m	1.085	ng/ul	
29) Benzo(g,h,i)perylene	26.097	276	817024m	7.531	ng/ul	

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

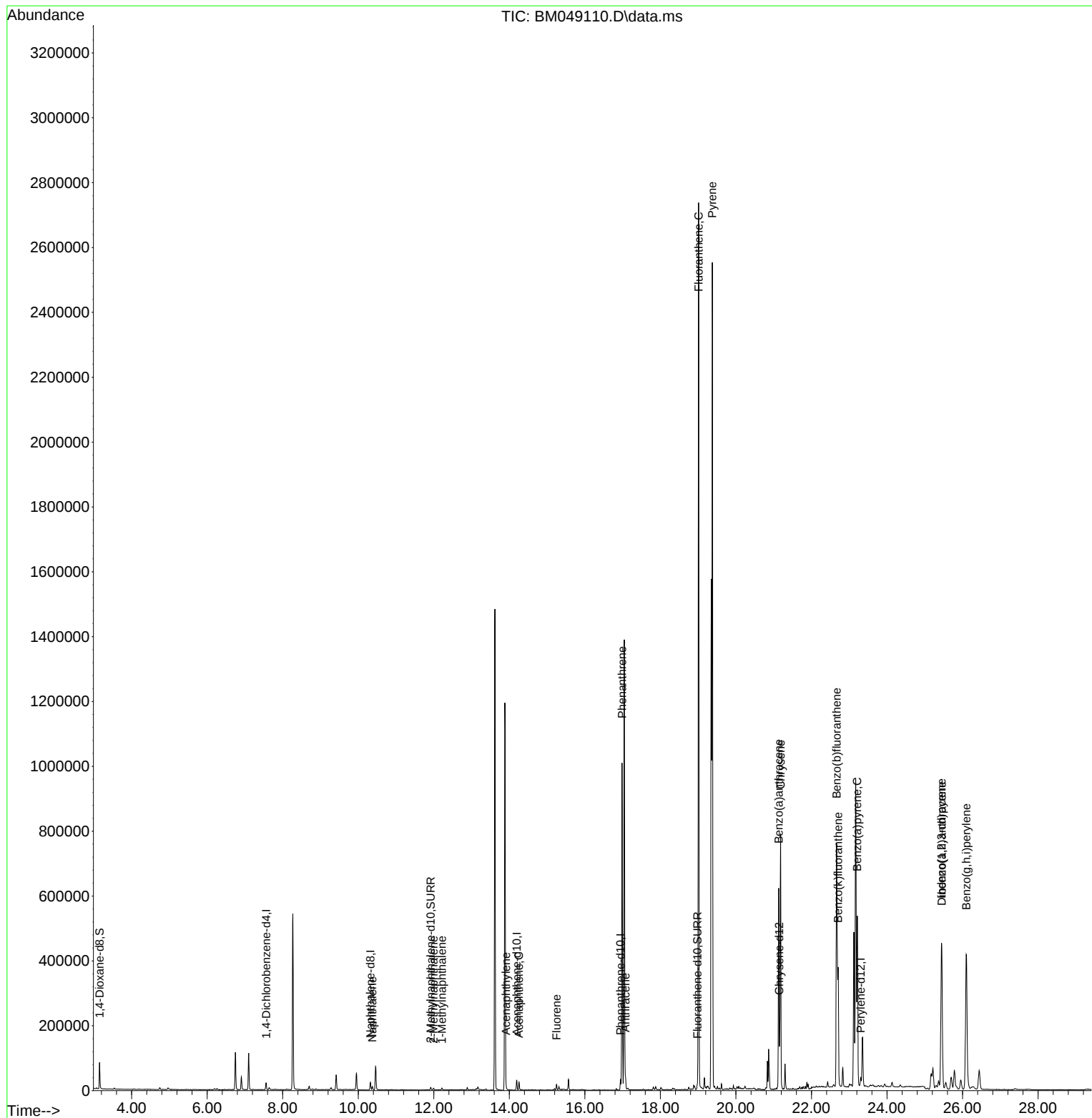
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049110.D
Acq On : 20 Dec 2024 21:01
Operator : RC/JU
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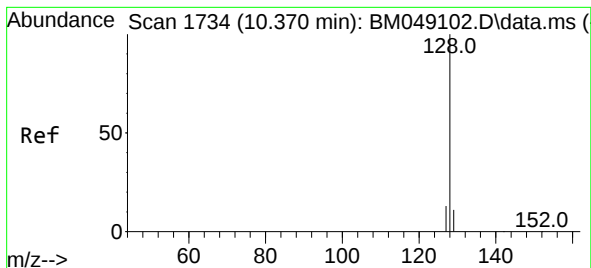
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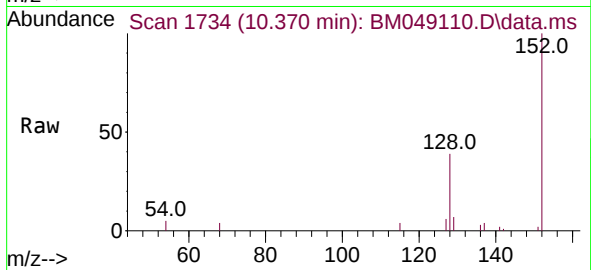
Quant Time: Dec 20 22:11:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

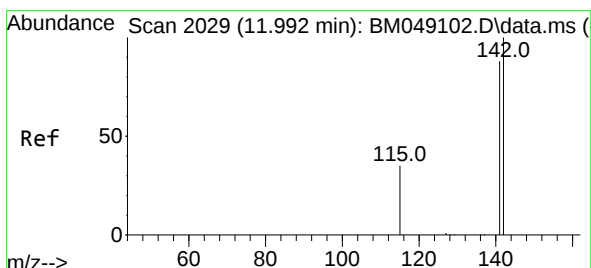
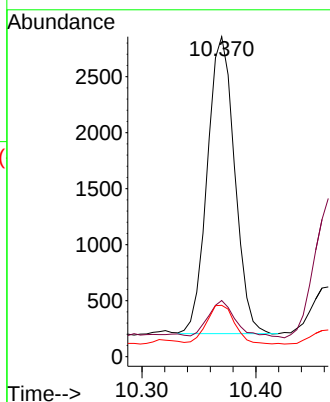
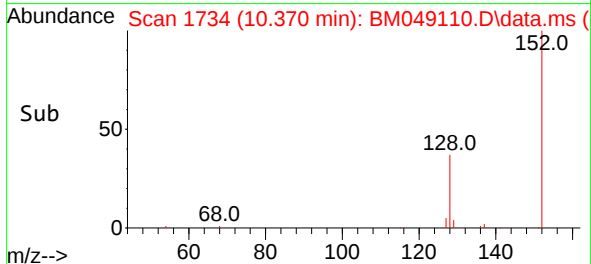
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:128 Resp: 441
Ion Ratio Lower Upper
128 100
129 17.5 9.7 14.5
127 16.1 10.6 16.0

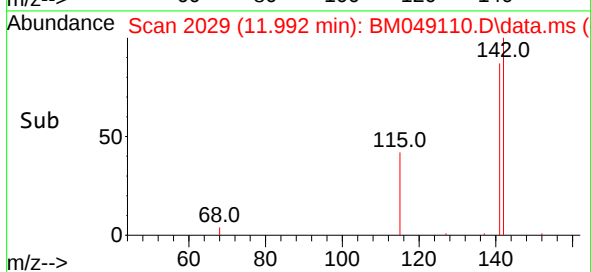
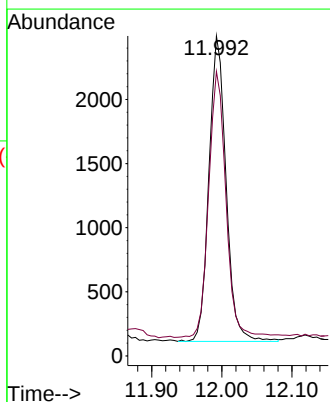
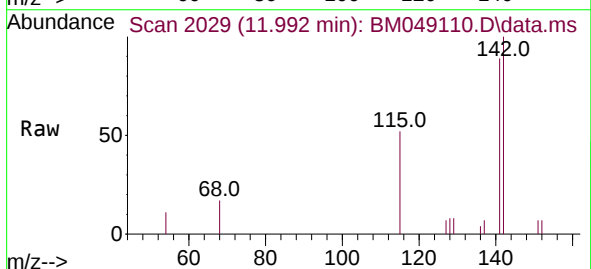
Manual Integrations
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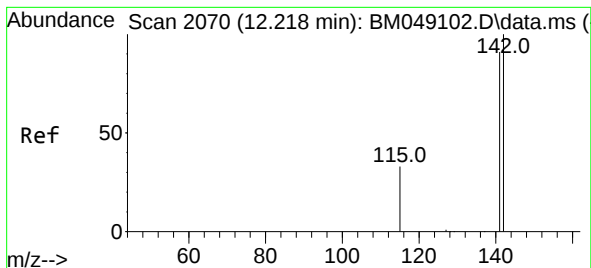
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

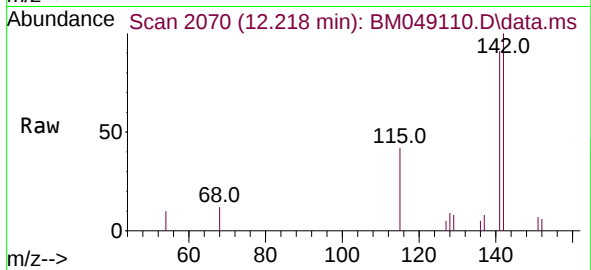
Tgt Ion:142 Resp: 4039
Ion Ratio Lower Upper
142 100
141 88.1 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. -0.004 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

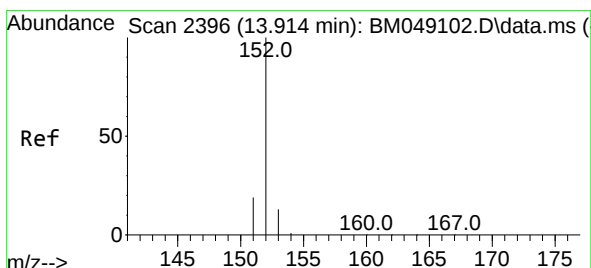
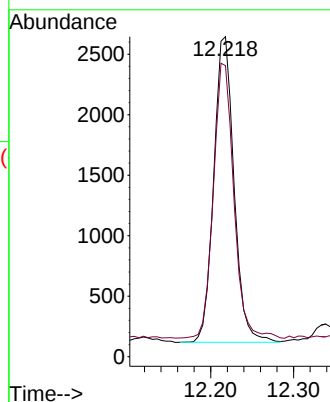
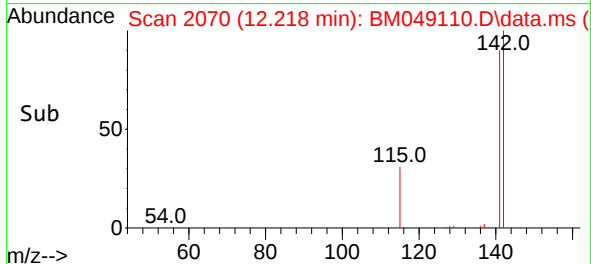
Instrument :
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Tgt Ion:142 Resp: 4299
Ion Ratio Lower Upper
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141 90.6 72.7 109.1

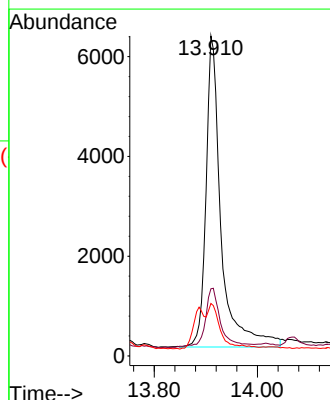
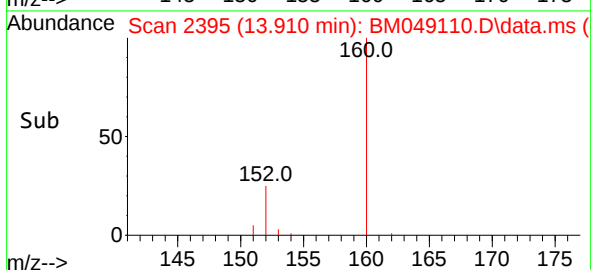
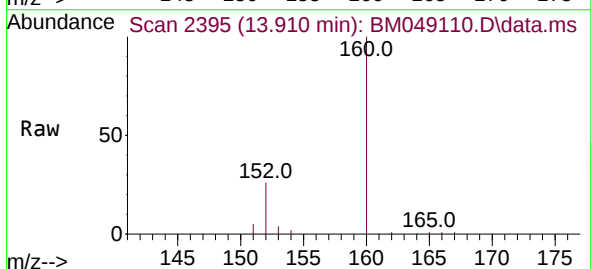
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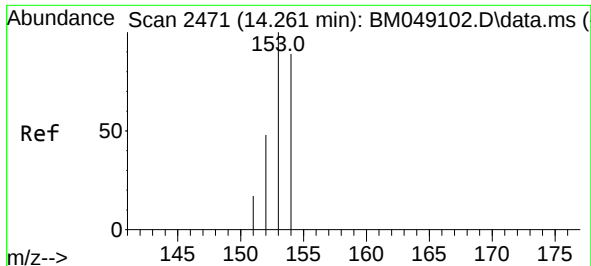
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 13.910 min Scan# 2395
Delta R.T. -0.008 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

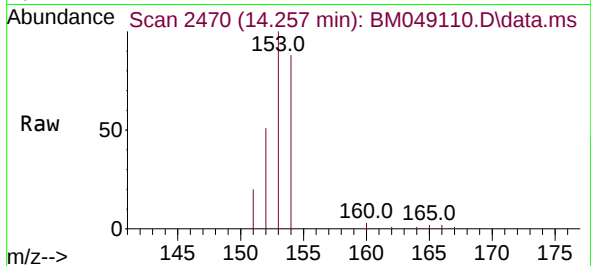
Tgt Ion:152 Resp: 12662
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 16.4 11.0 16.6





#11
Acenaphthene
Concen: 0.275 ng/u1
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

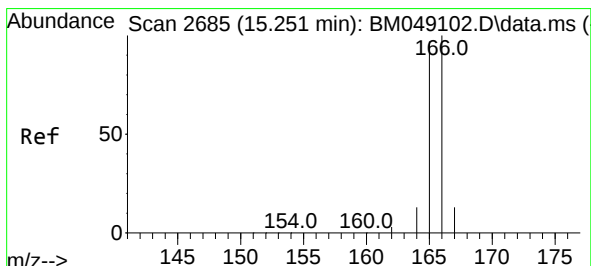
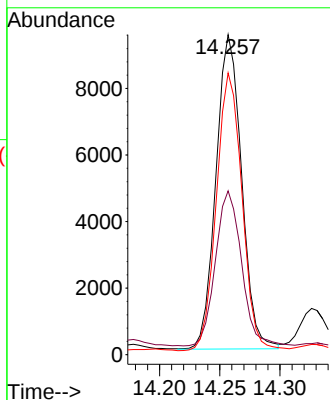
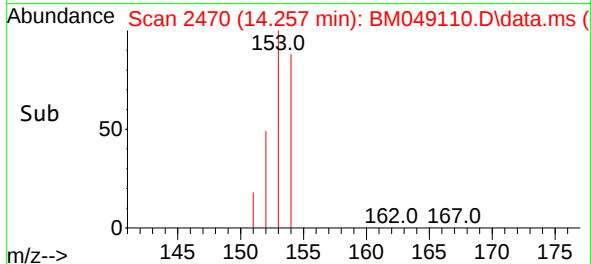
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:153 Resp: 13984
Ion Ratio Lower Upper
153 100
152 51.2 40.7 61.1
154 88.1 70.8 106.2

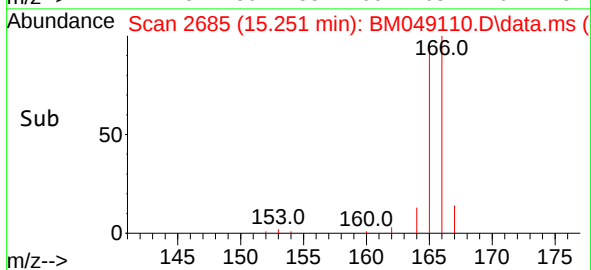
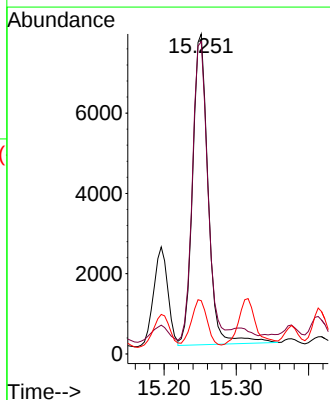
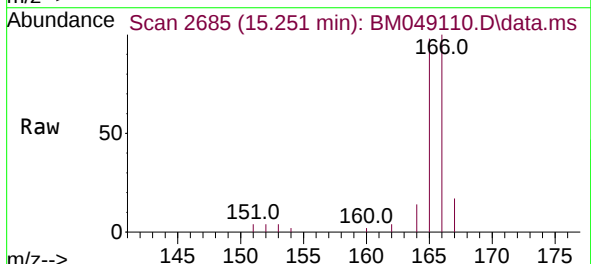
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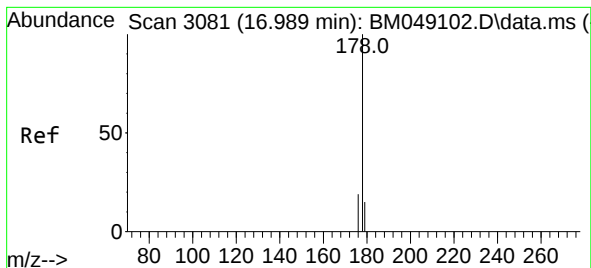
Reviewed By :Jagrut Upadhyay 12/23/2024
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#12
Fluorene
Concen: 0.202 ng/u1
RT: 15.251 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

Tgt Ion:166 Resp: 11598
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 16.6 11.4 17.0





#15

Phenanthrene

Concen: 9.959 ng/ul m

RT: 16.985 min Scan# 3081

Delta R.T. -0.007 min

Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

Instrument :

BNA_M

ClientSampleId :

E28Z1

Tgt Ion:178 Resp: 982880

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.4

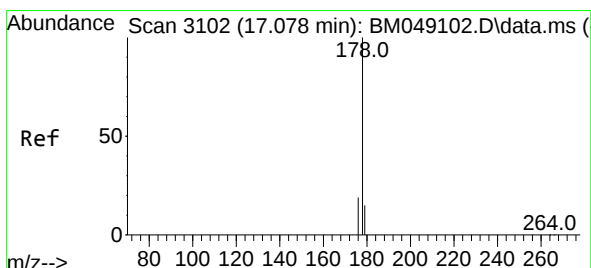
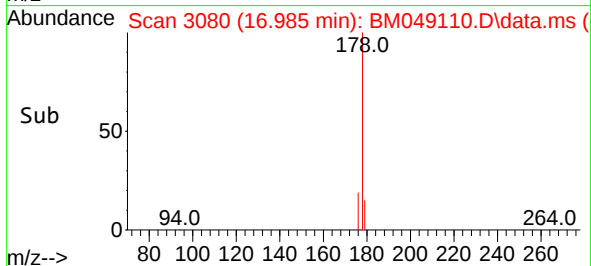
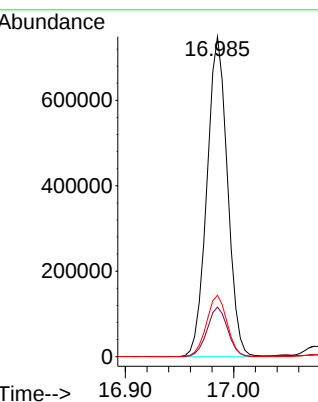
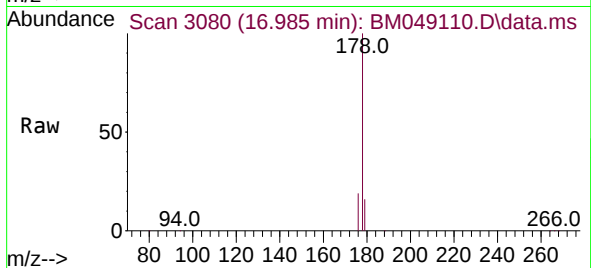
176 19.2 16.2 24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/24/2024



#16

Anthracene

Concen: 0.393 ng/ul m

RT: 17.074 min Scan# 3101

Delta R.T. -0.011 min

Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

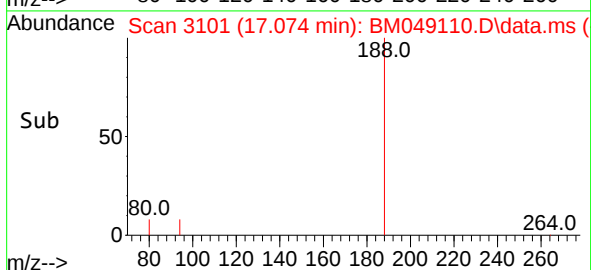
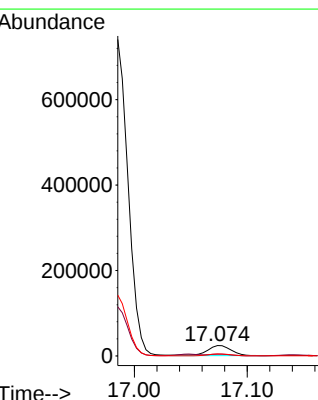
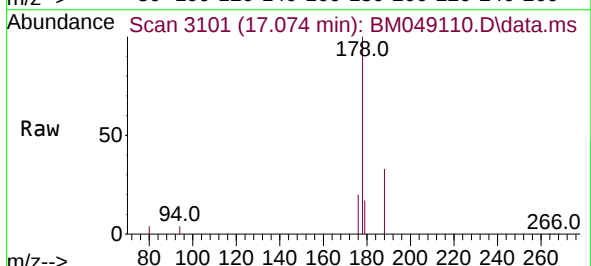
Tgt Ion:178 Resp: 35617

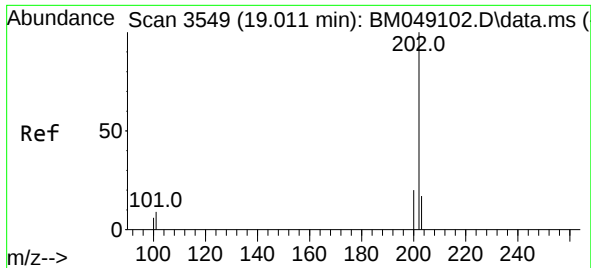
Ion Ratio Lower Upper

178 100

179 17.0 12.9 19.3

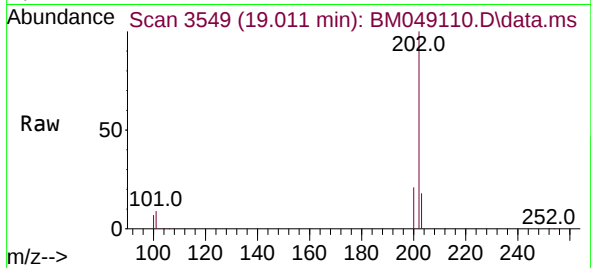
176 19.5 15.3 22.9





#19
Fluoranthene
Concen: 22.013 ng/ul m
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

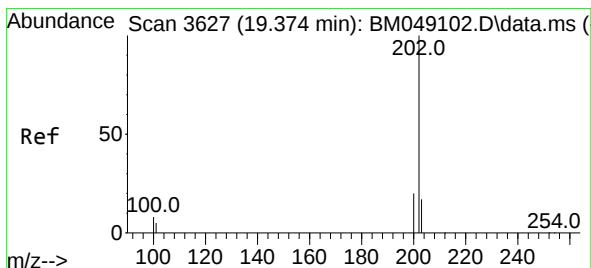
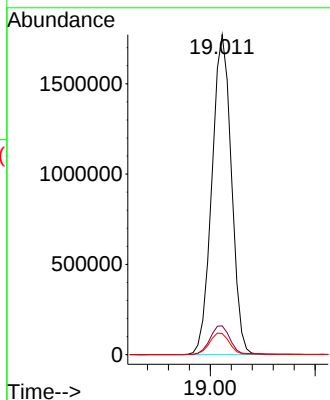
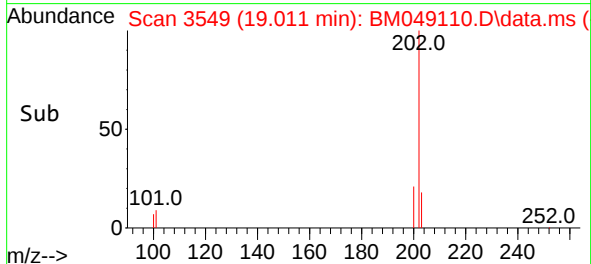
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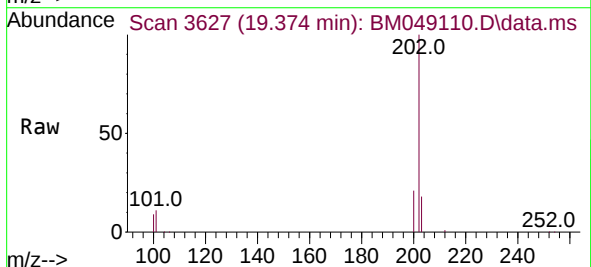
Tgt Ion:202 Resp: 2283590
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 6.6 5.5 8.3

Manual Integrations
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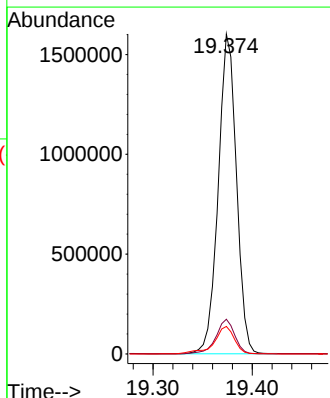
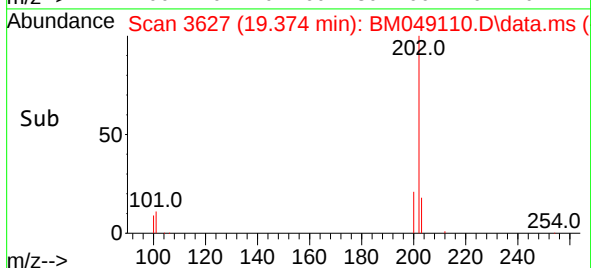
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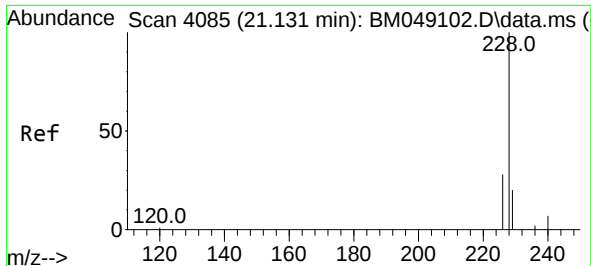


#20
Pyrene
Concen: 18.507 ng/ul m
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01



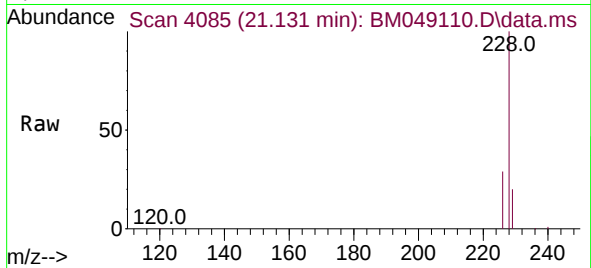
Tgt Ion:202 Resp: 2047503
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.6 6.9 10.3





#21
Benzo(a)anthracene
Concen: 4.958 ng/ul m
RT: 21.131 min Scan# 4085
Delta R.T. -0.000 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

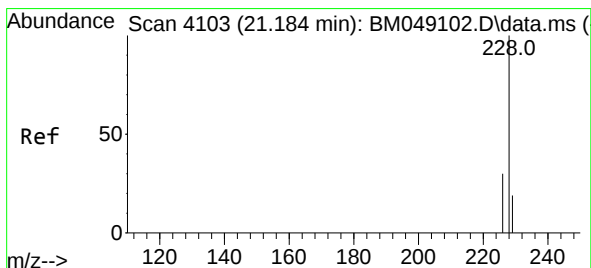
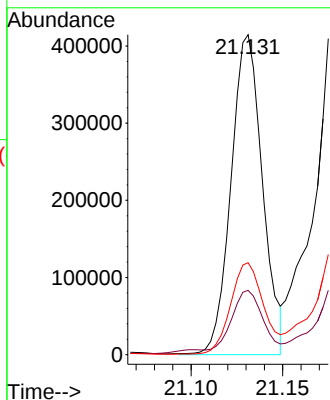
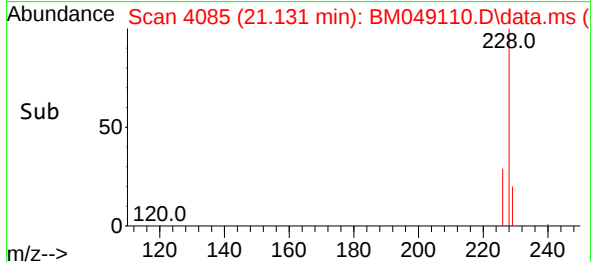
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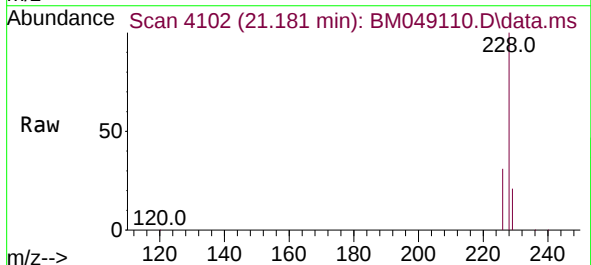
Tgt Ion:228 Resp: 494844
Ion Ratio Lower Upper
228 100
229 20.1 15.9 23.9
226 28.7 22.6 34.0

Manual Integrations
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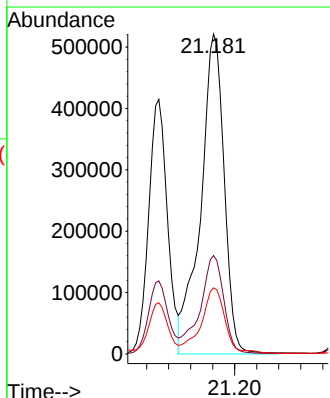
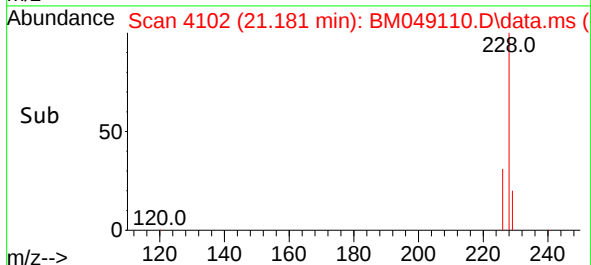
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

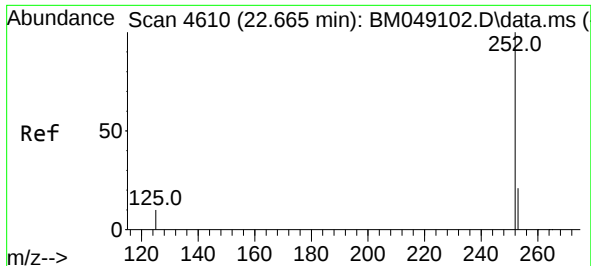


#22
Chrysene
Concen: 7.245 ng/ul m
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01



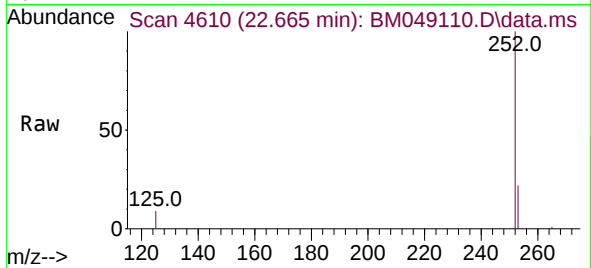
Tgt Ion:228 Resp: 776050
Ion Ratio Lower Upper
228 100
226 30.8 24.1 36.1
229 20.7 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 11.934 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.002 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

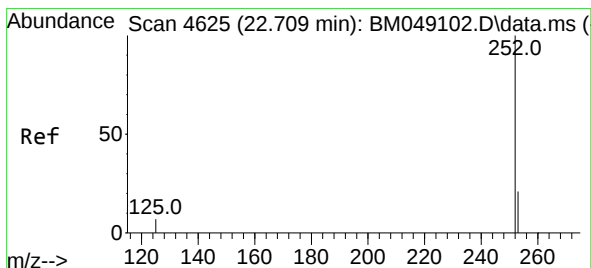
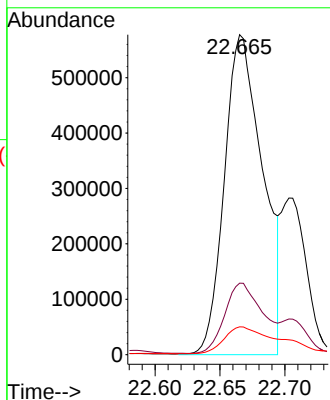
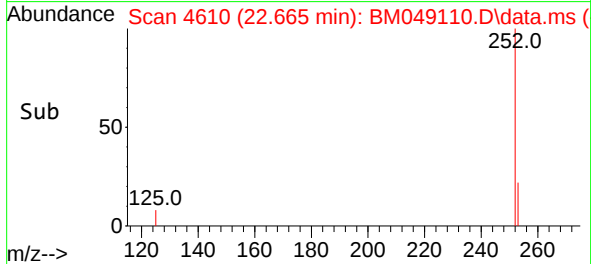
Instrument :
BNA_M
ClientSampleId :
E28Z1



Tgt Ion:252 Resp: 118626
Ion Ratio Lower Upper
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253 22.3 0.0 52.6
125 8.7 0.0 30.8

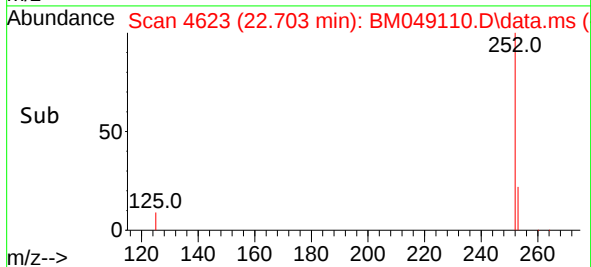
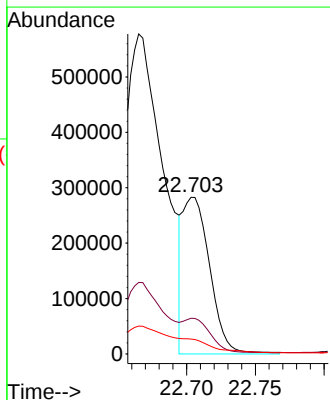
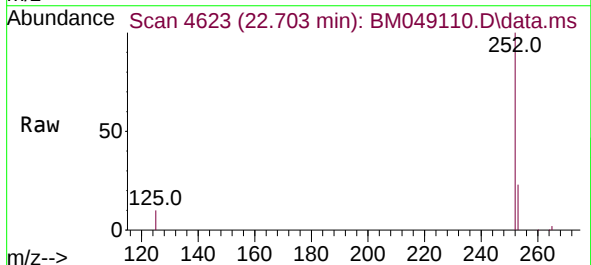
Manual Integrations
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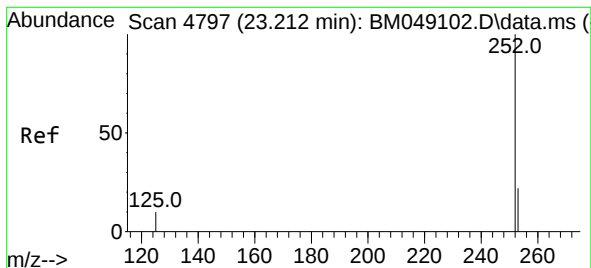
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 3.553 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049110.D
Acq: 20 Dec 2024 21:01

Tgt Ion:252 Resp: 387537
Ion Ratio Lower Upper
252 100
253 22.8 21.3 31.9
125 9.6 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 7.245 ng/ul m

RT: 23.212 min Scan# 4

Delta R.T. 0.003 min

Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

Instrument :

BNM_M

ClientSampleId :

E28Z1

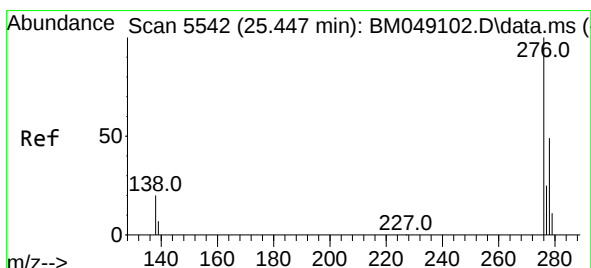
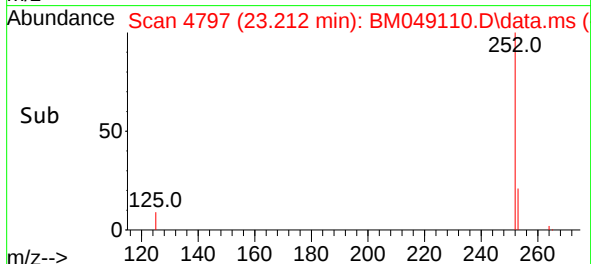
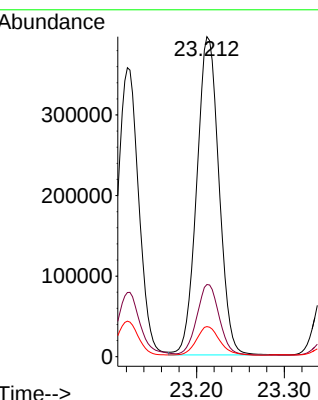
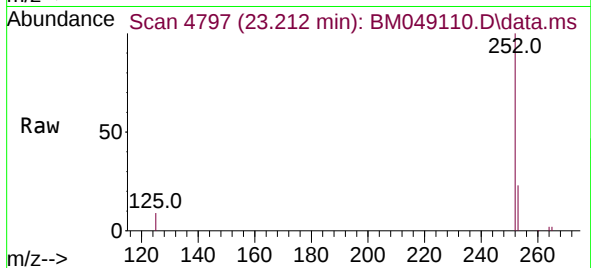
Tgt Ion:252 Resp: 69063

Ion	Ratio	Lower	Upper
252	100		
253	22.5	22.4	33.6
125	9.4	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 5.421 ng/ul m

RT: 25.443 min Scan# 5541

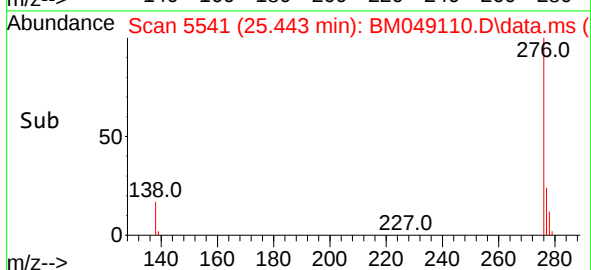
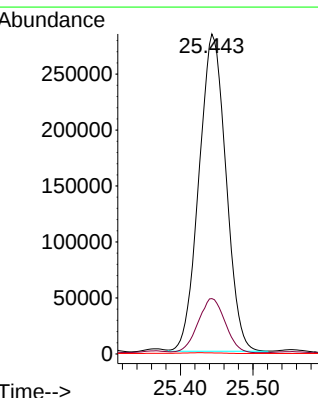
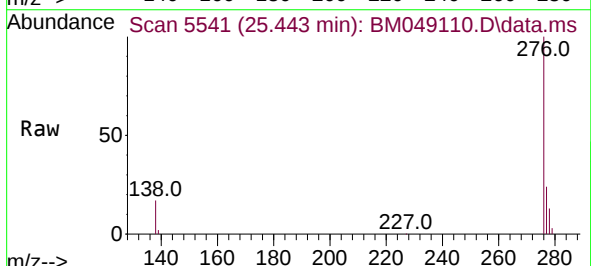
Delta R.T. -0.004 min

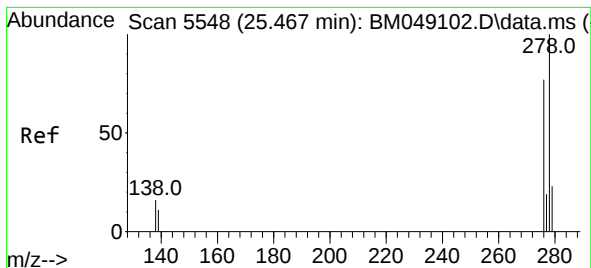
Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

Tgt Ion:276 Resp: 731378

Ion	Ratio	Lower	Upper
276	100		
138	0.8	17.4	26.2#
227	0.0	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 1.085 ng/ul m

RT: 25.450 min Scan# 5

Delta R.T. -0.017 min

Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

Instrument :

BNA_M

ClientSampleId :

E28Z1

Tgt Ion:278 Resp: 113730

Ion Ratio Lower Upper

278 100

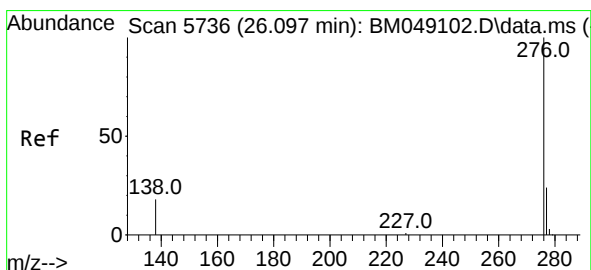
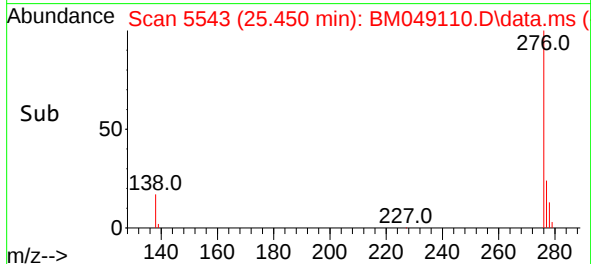
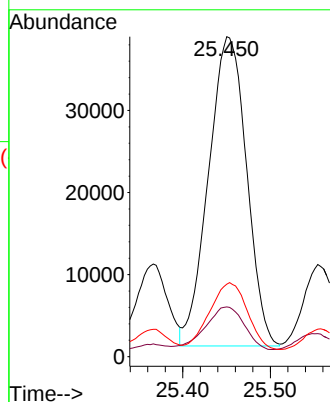
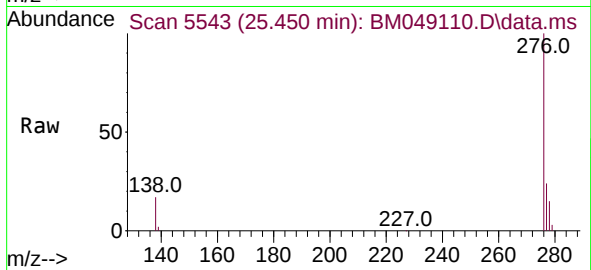
139 15.5 13.5 20.3

279 22.6 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#29

Benzo(g,h,i)perylene

Concen: 7.531 ng/ul m

RT: 26.097 min Scan# 5736

Delta R.T. 0.003 min

Lab File: BM049110.D

Acq: 20 Dec 2024 21:01

Tgt Ion:276 Resp: 817024

Ion Ratio Lower Upper

276 100

138 18.2 16.7 25.1

277 24.2 19.9 29.9

