

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
 Data File : BM049108.D
 Acq On : 20 Dec 2024 19:49
 Operator : RC/JU
 Sample : P5265-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E28Y8

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 22:11:02 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	8507	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	26152	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	14791	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	33684m	0.400	ng/ul	0.00
17) Chrysene-d12	21.146	240	24250m	0.400	ng/ul	0.00
23) Perylene-d12	23.302	264	27411m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	43384	4.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	10253	0.292	ng/ul	0.00
18) Fluoranthene-d10	18.979	212	19966m	0.290	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.370	128	9538	0.146	ng/ul	97
7) 2-Methylnaphthalene	11.992	142	7867	0.190	ng/ul	98
8) 1-Methylnaphthalene	12.218	142	5597	0.132	ng/ul	98
10) Acenaphthylene	13.910	152	249126	4.064	ng/ul	99
11) Acenaphthene	14.257	153	10157	0.227	ng/ul	97
12) Fluorene	15.251	166	15994	0.317	ng/ul#	98
15) Phenanthrene	16.985	178	282161m	3.207	ng/ul	
16) Anthracene	17.074	178	165235m	2.046	ng/ul	
19) Fluoranthene	19.011	202	1550752m	17.687	ng/ul	
20) Pyrene	19.374	202	1387859m	14.843	ng/ul	
21) Benzo(a)anthracene	21.128	228	833307m	9.879	ng/ul	
22) Chrysene	21.181	228	753942m	8.328	ng/ul	
24) Benzo(b)fluoranthene	22.665	252	1009654m	11.529	ng/ul	
25) Benzo(k)fluoranthene	22.703	252	367614m	3.826	ng/ul	
26) Benzo(a)pyrene	23.212	252	729987m	8.692	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276	487504m	4.102	ng/ul	
28) Dibenzo(a,h)anthracene	25.450	278	129533m	1.403	ng/ul	
29) Benzo(g,h,i)perylene	26.097	276	483536m	5.059	ng/ul	

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

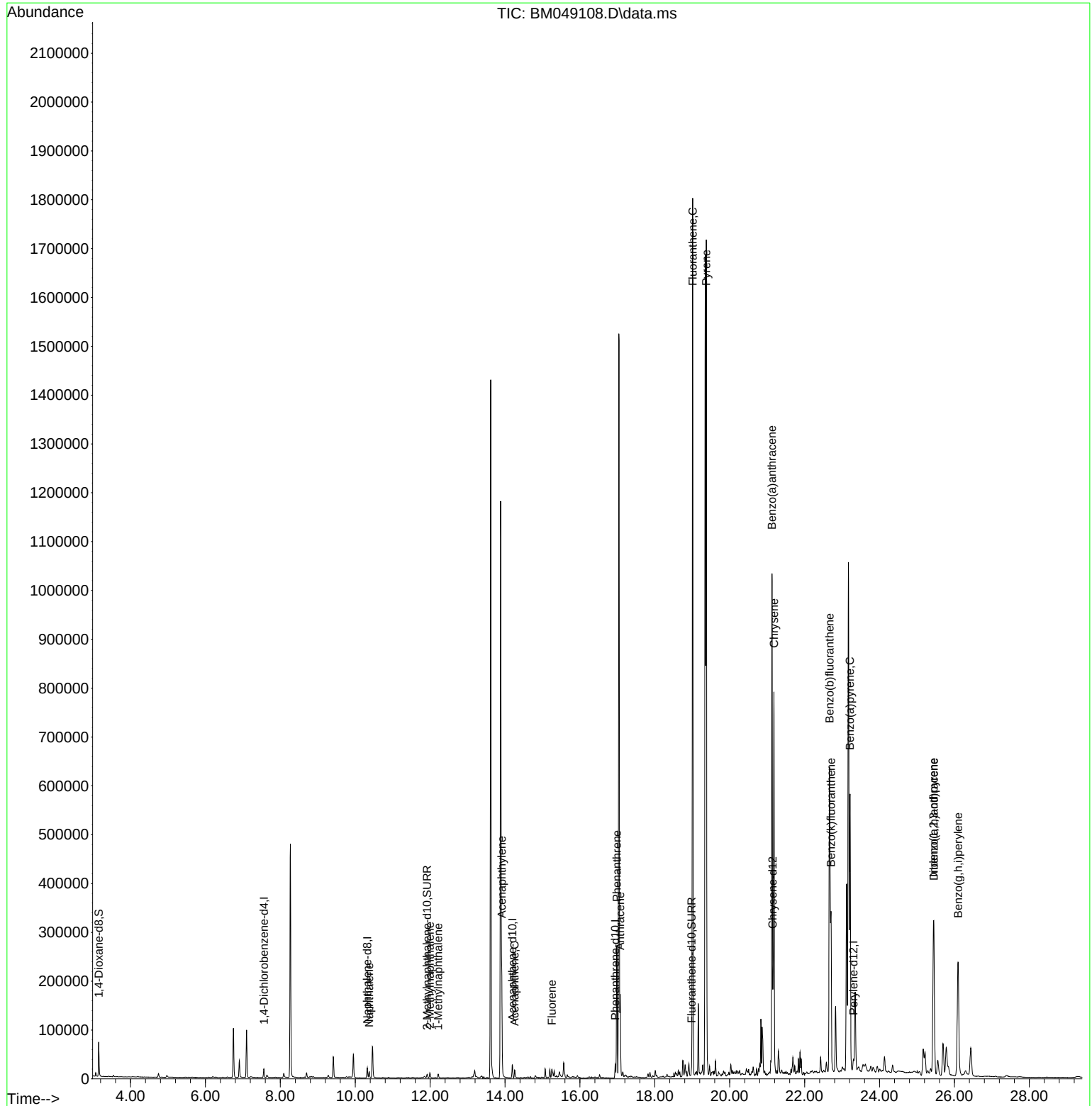
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122024\
Data File : BM049108.D
Acq On : 20 Dec 2024 19:49
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Sample : P5265-03
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ALS Vial : 8 Sample Multiplier: 1

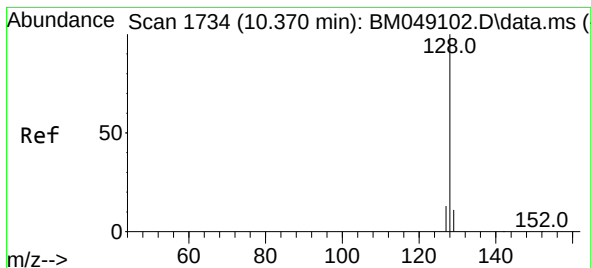
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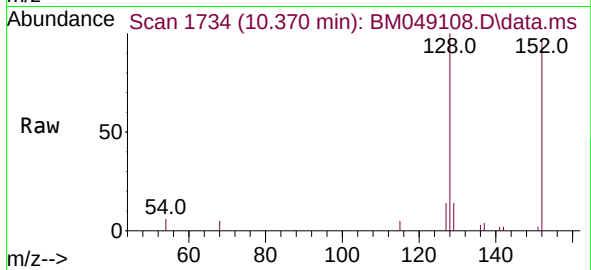
Quant Time: Dec 20 22:11:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 15:33:13 2024
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#5
Naphthalene
Concen: 0.146 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.010 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

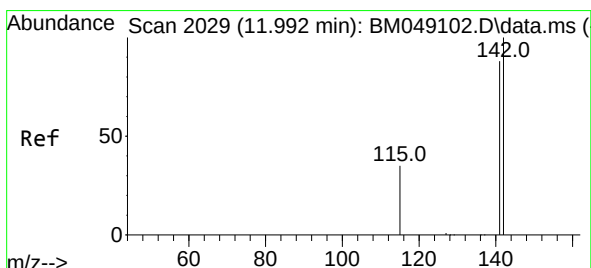
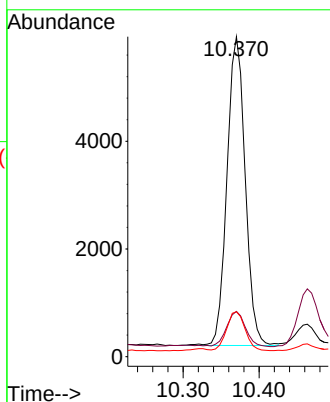
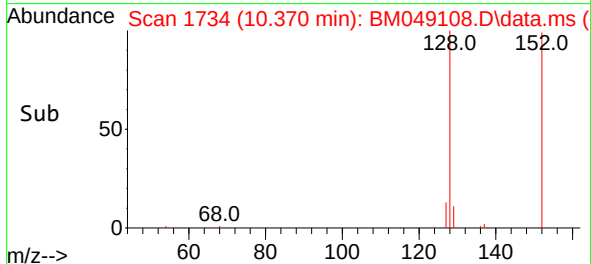
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:128 Resp: 9538
Ion Ratio Lower Upper
128 100
129 14.1 9.7 14.5
127 14.1 10.6 16.0

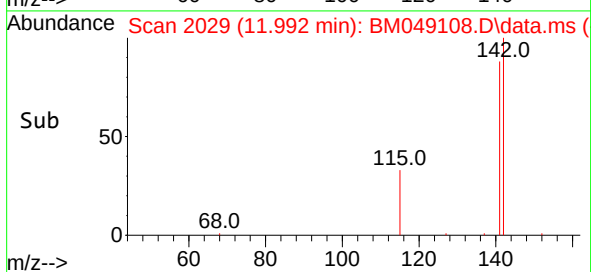
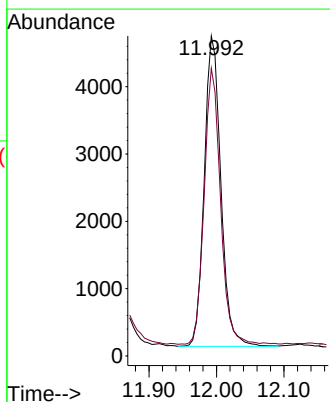
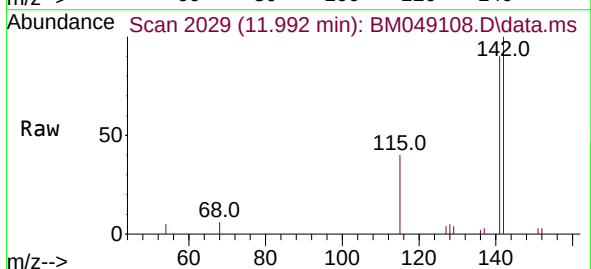
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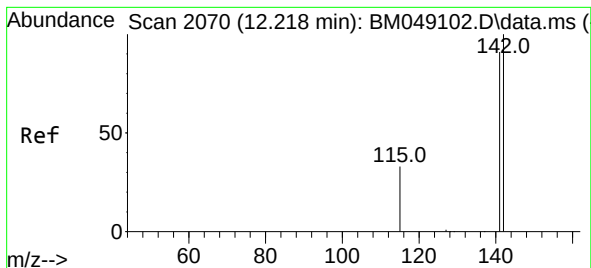
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.010 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

Tgt Ion:142 Resp: 7867
Ion Ratio Lower Upper
142 100
141 87.4 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.132 ng/ul

RT: 12.218 min Scan# 2070

Delta R.T. -0.004 min

Lab File: BM049108.D

Acq: 20 Dec 2024 19:49

Instrument :

BNA_M

ClientSampleId :

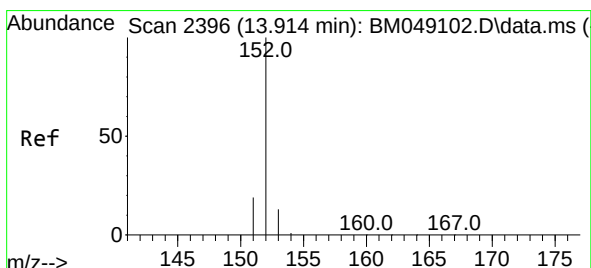
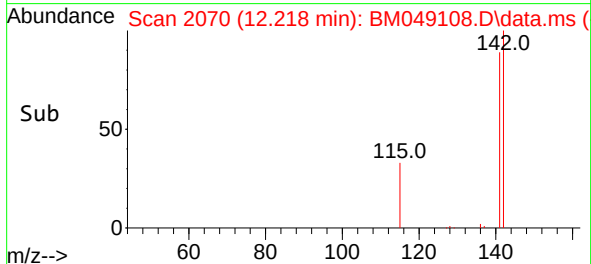
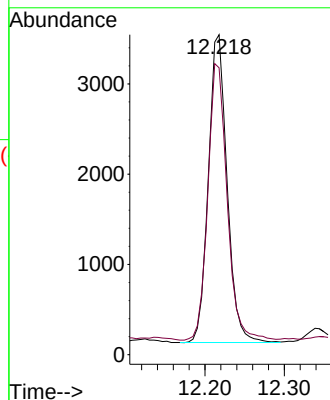
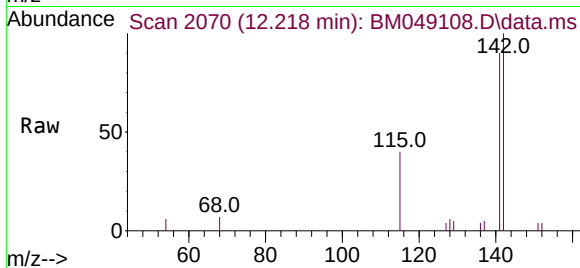
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Tgt Ion:	142	Resp:	559
Ion Ratio	Lower	Upper	
142	100		
141	92.4	72.7	109.1

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Supervised By :mohammad ahmed 12/24/2024



#10

Acenaphthylene

Concen: 4.064 ng/ul

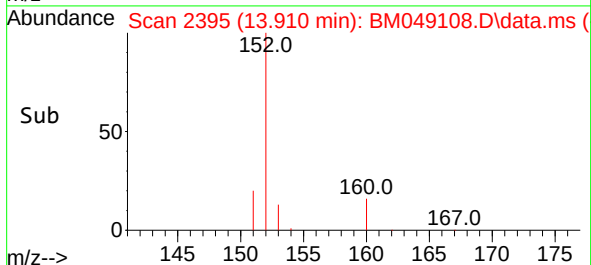
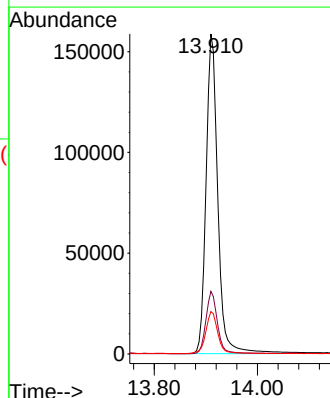
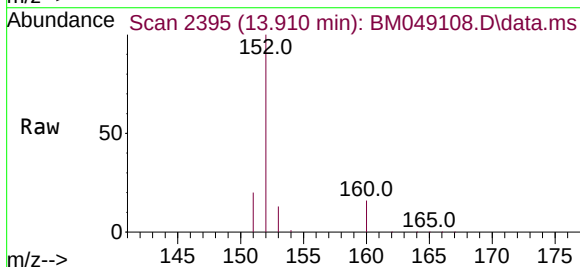
RT: 13.910 min Scan# 2395

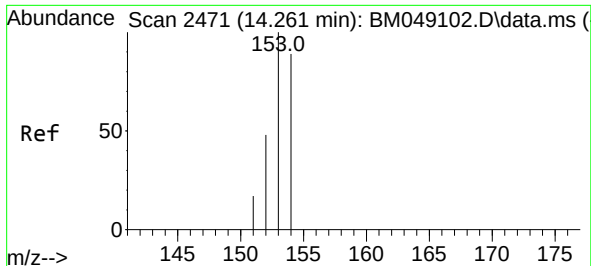
Delta R.T. -0.008 min

Lab File: BM049108.D

Acq: 20 Dec 2024 19:49

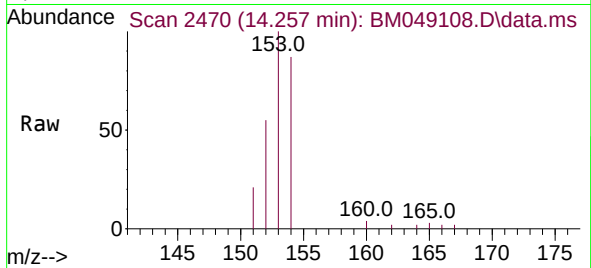
Tgt Ion:	152	Resp:	249126
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.0	24.0
153	13.2	11.0	16.6





#11
Acenaphthene
Concen: 0.227 ng/ul
RT: 14.257 min Scan# 2471
Delta R.T. -0.008 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

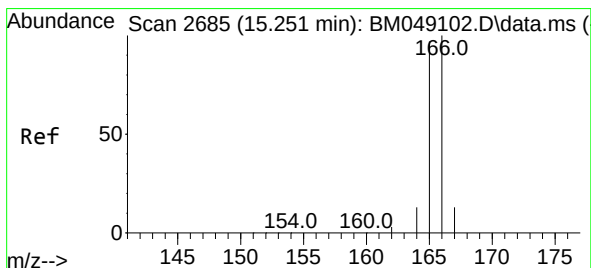
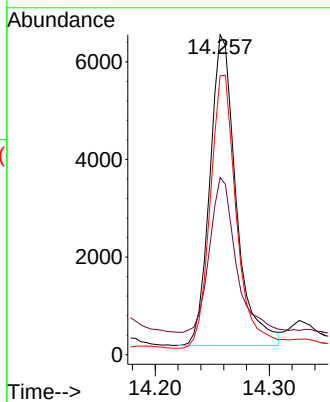
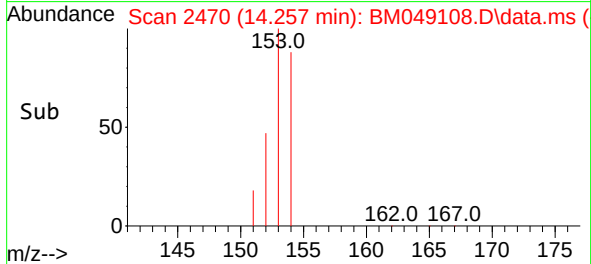
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:153 Resp: 1015
Ion Ratio Lower Upper
153 100
152 55.4 40.7 61.1
154 87.2 70.8 106.2

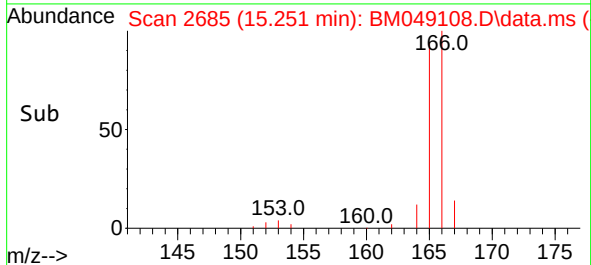
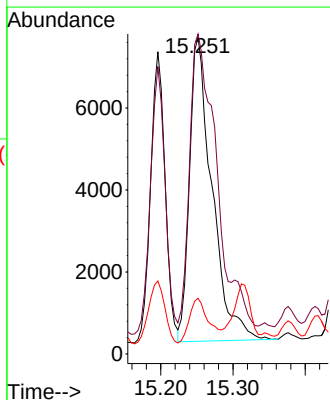
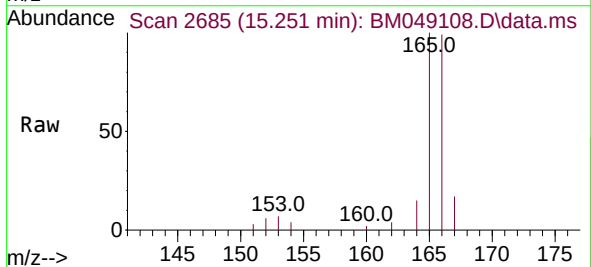
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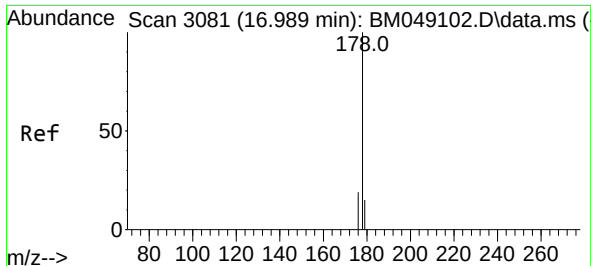
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.317 ng/ul
RT: 15.251 min Scan# 2685
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

Tgt Ion:166 Resp: 15994
Ion Ratio Lower Upper
166 100
165 101.1 79.7 119.5
167 17.6 11.4 17.0#





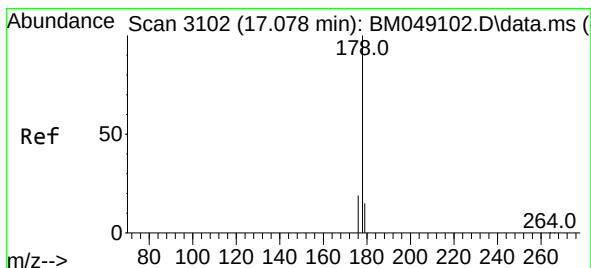
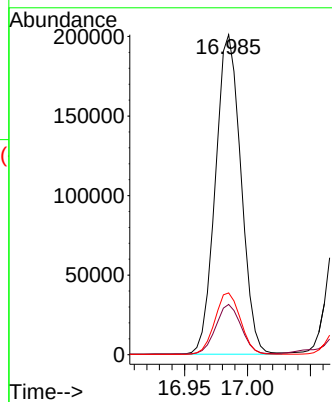
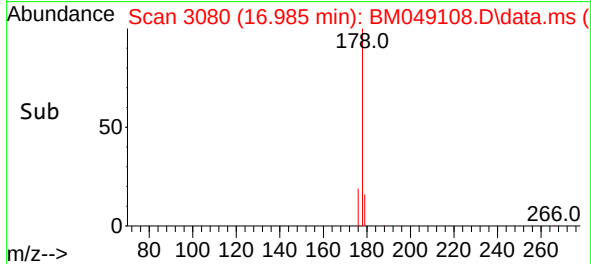
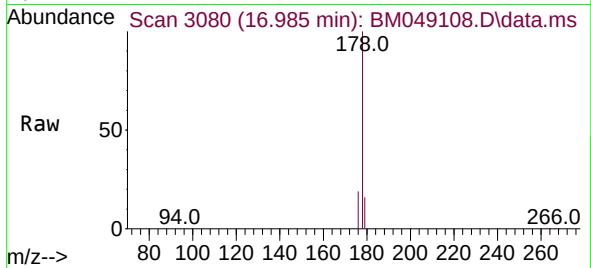
#15
Phenanthrene
Concen: 3.207 ng/ul m
RT: 16.985 min Scan# 3081
Delta R.T. -0.007 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

Instrument :
BNA_M
ClientSampleId :
E28Y8

Tgt Ion:178 Resp: 28216
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.3 16.2 24.2

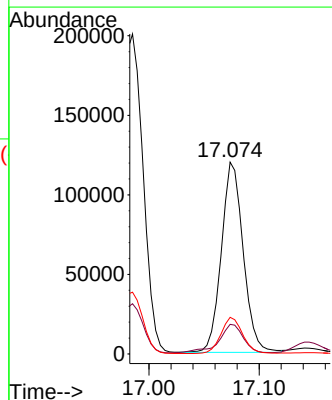
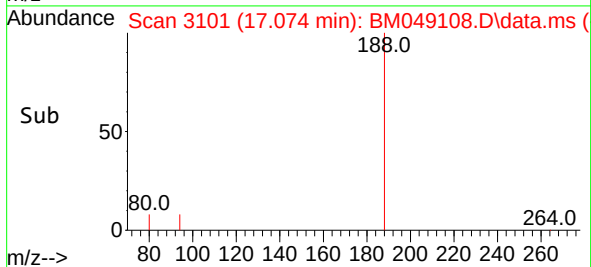
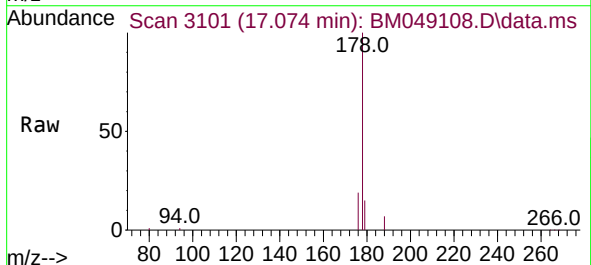
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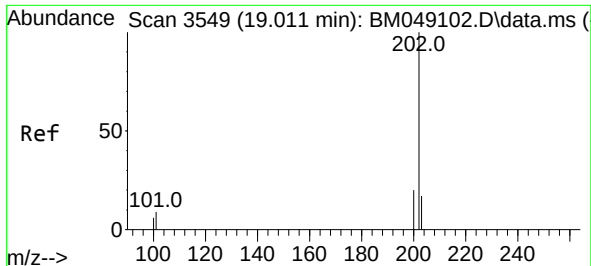
Reviewed By :Jagrut Upadhyay 12/23/2024
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#16
Anthracene
Concen: 2.046 ng/ul m
RT: 17.074 min Scan# 3101
Delta R.T. -0.011 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

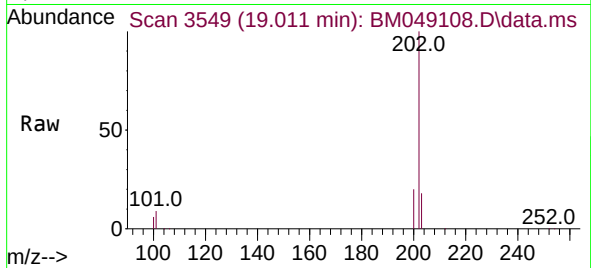
Tgt Ion:178 Resp: 165235
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.1 15.3 22.9





#19
Fluoranthene
Concen: 17.687 ng/ul m
RT: 19.011 min Scan# 3549
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

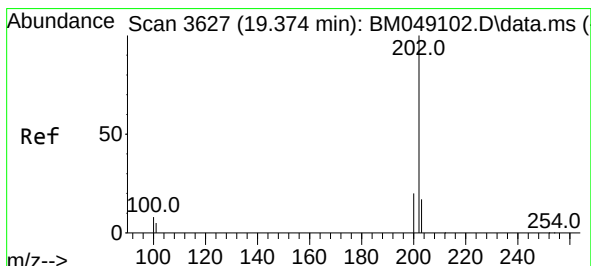
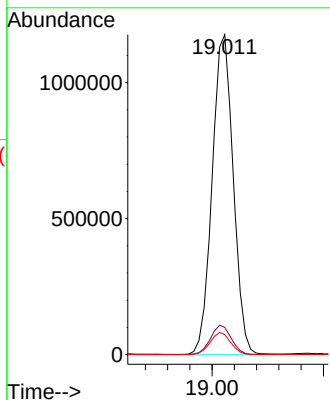
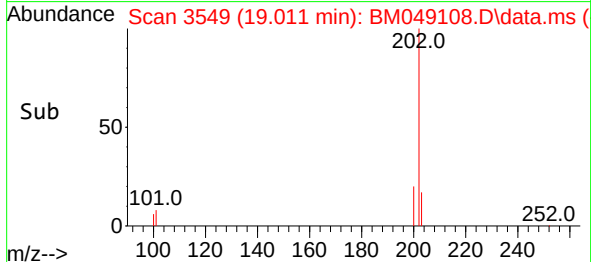
Instrument :
BNA_M
ClientSampleId :
E28Y8



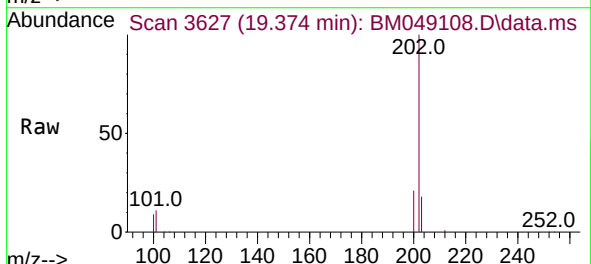
Tgt Ion:202 Resp: 1550752
Ion Ratio Lower Upper
202 100
101 8.6 7.6 11.4
100 6.2 5.5 8.3

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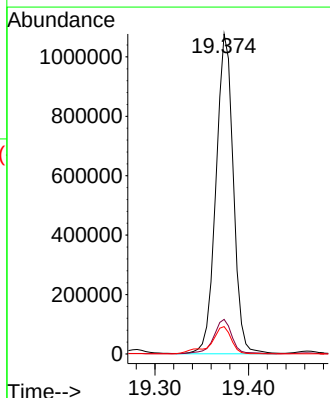
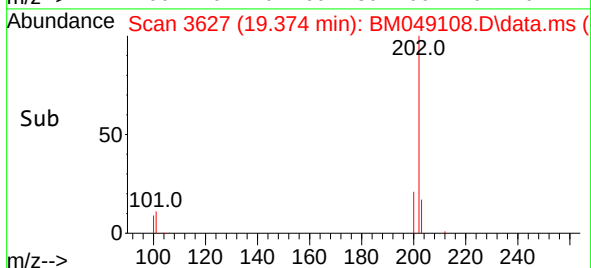
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Supervised By :mohammad ahmed 12/24/2024

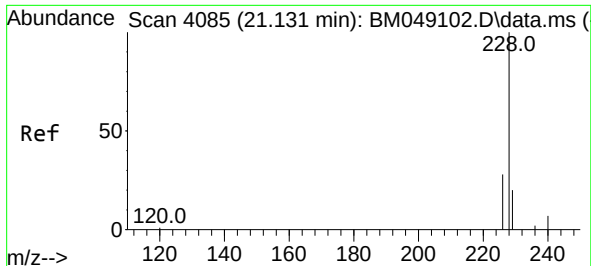


#20
Pyrene
Concen: 14.843 ng/ul m
RT: 19.374 min Scan# 3627
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49



Tgt Ion:202 Resp: 1387859
Ion Ratio Lower Upper
202 100
101 10.8 8.9 13.3
100 8.6 6.9 10.3





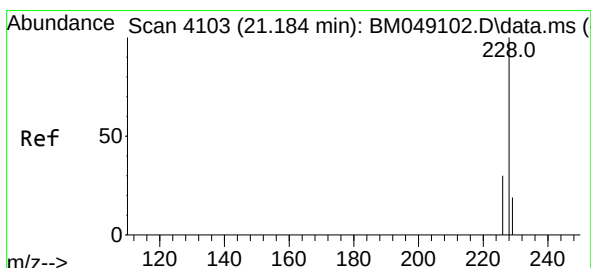
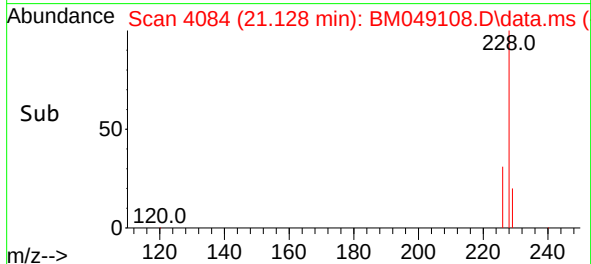
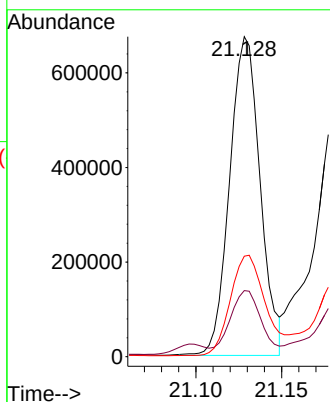
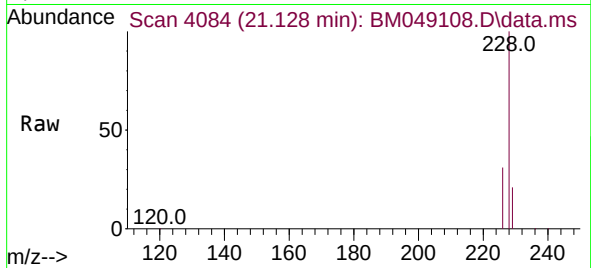
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Benzo(a)anthracene
Concen: 9.879 ng/ul m
RT: 21.128 min Scan# 4085
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

Instrument :
BNA_M
ClientSampleId :
E28Y8

Tgt Ion:228 Resp: 83330
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 31.4 22.6 34.0

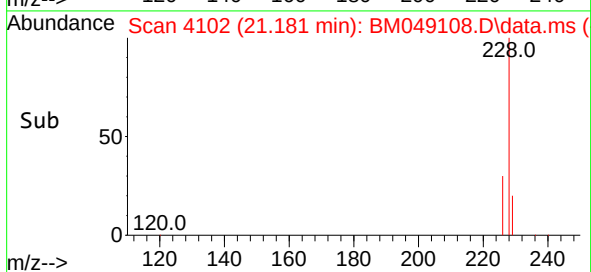
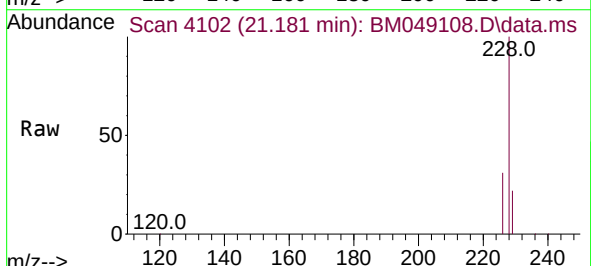
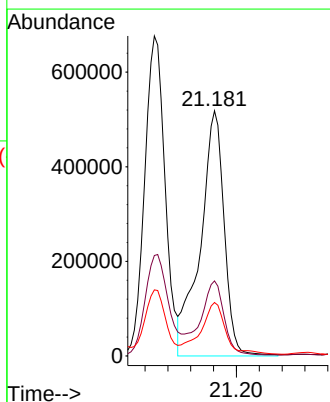
Manual Integrations
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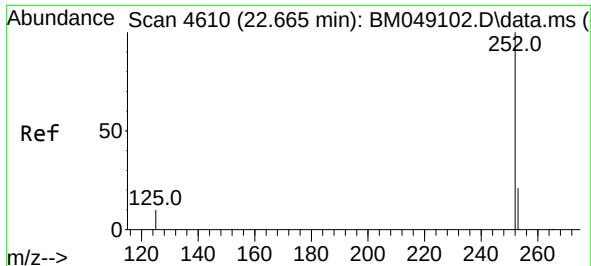
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 8.328 ng/ul m
RT: 21.181 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

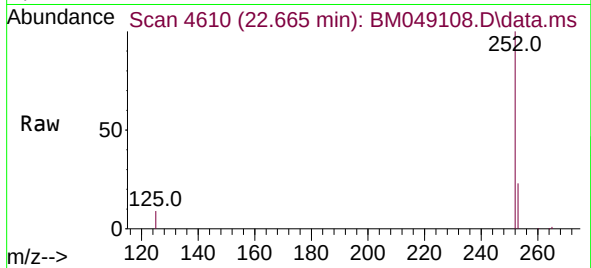
Tgt Ion:228 Resp: 753942
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 11.529 ng/ul m
RT: 22.665 min Scan# 4610
Delta R.T. 0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

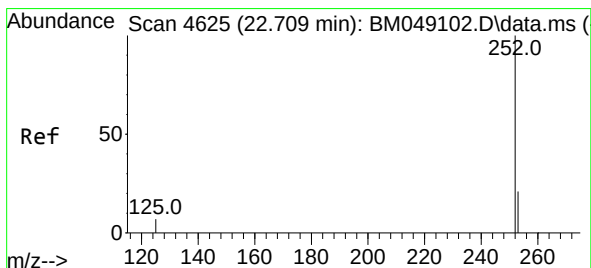
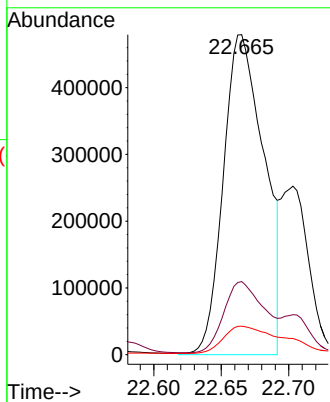
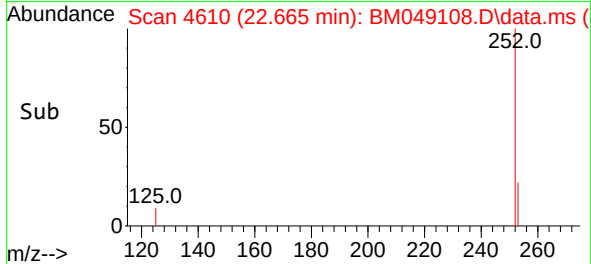
Instrument :
BNA_M
ClientSampleId :
E28Y8



Tgt Ion:252 Resp: 1009654
Ion Ratio Lower Upper
252 100
253 22.8 0.0 52.6
125 8.9 0.0 30.8

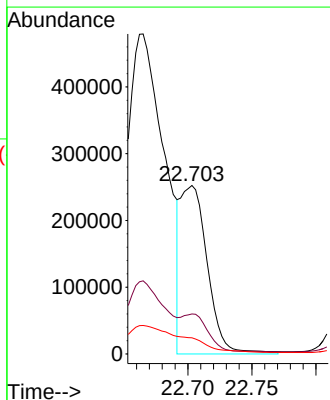
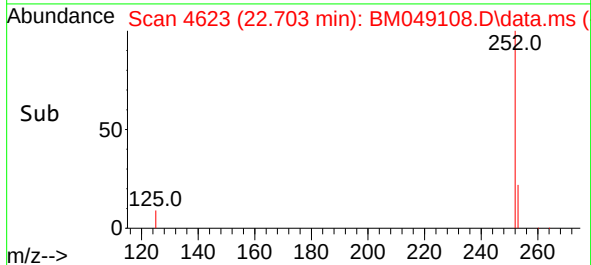
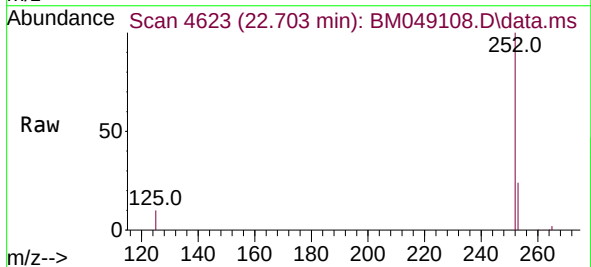
Manual Integrations
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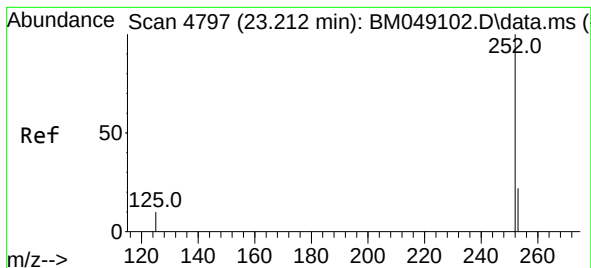
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 3.826 ng/ul m
RT: 22.703 min Scan# 4623
Delta R.T. -0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

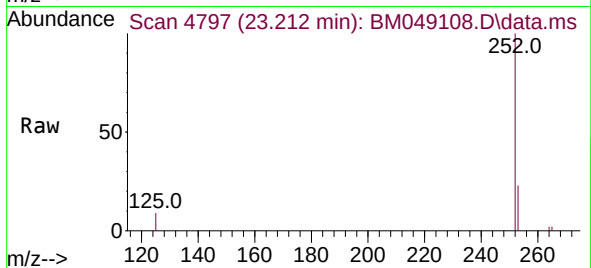
Tgt Ion:252 Resp: 367614
Ion Ratio Lower Upper
252 100
253 23.8 21.3 31.9
125 9.6 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 8.692 ng/ul m
RT: 23.212 min Scan# 4797
Delta R.T. 0.003 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49

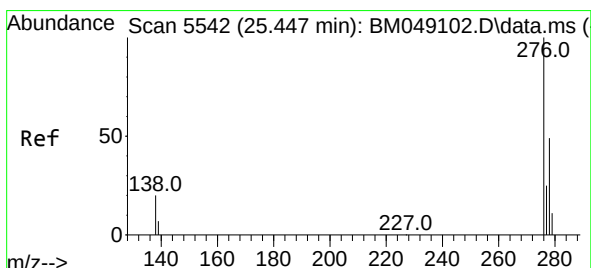
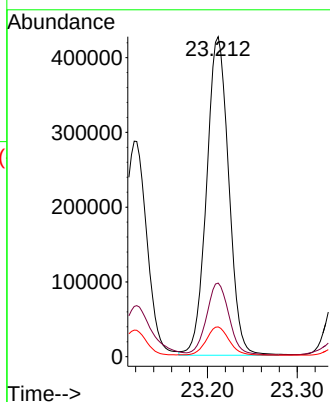
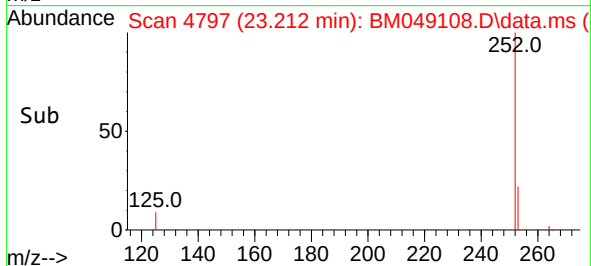
Instrument :
BNA_M
ClientSampleId :
E28Y8



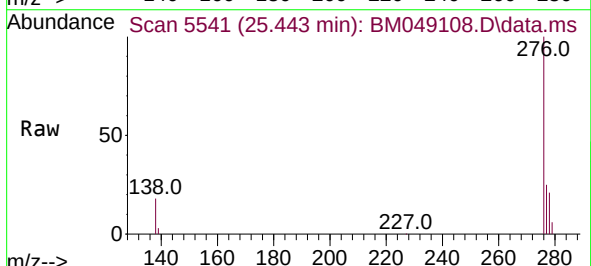
Tgt Ion:252 Resp: 729985
Ion Ratio Lower Upper
252 100
253 23.0 22.4 33.6
125 9.3 14.8 22.2

Manual Integrations
APPROVED

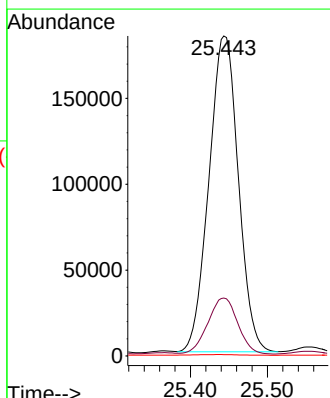
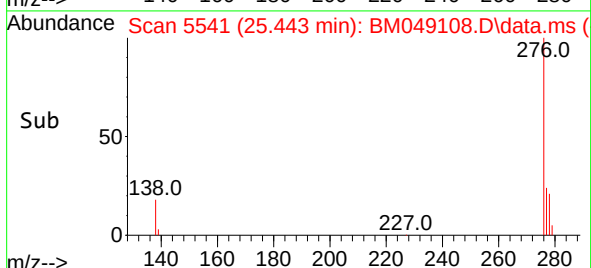
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

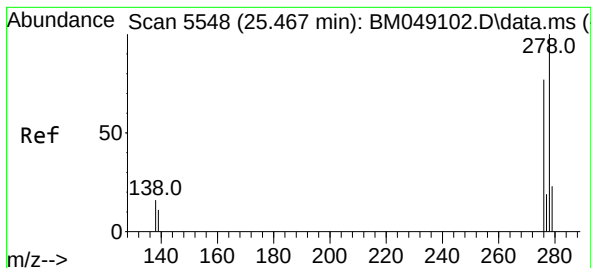


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.102 ng/ul m
RT: 25.443 min Scan# 5541
Delta R.T. -0.004 min
Lab File: BM049108.D
Acq: 20 Dec 2024 19:49



Tgt Ion:276 Resp: 487504
Ion Ratio Lower Upper
276 100
138 1.1 17.4 26.2#
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 1.403 ng/ul m

RT: 25.450 min Scan# 5

Delta R.T. -0.017 min

Lab File: BM049108.D

Acq: 20 Dec 2024 19:49

Instrument :

BNM

ClientSampleId :

E28Y8

Tgt Ion:278 Resp: 12953

Ion Ratio Lower Upper

278 100

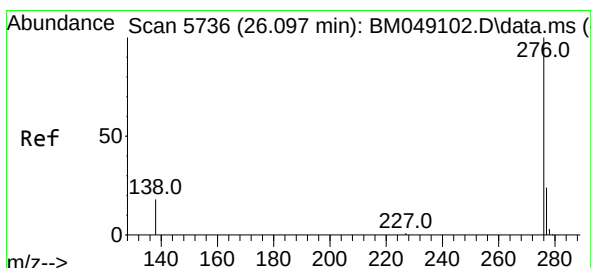
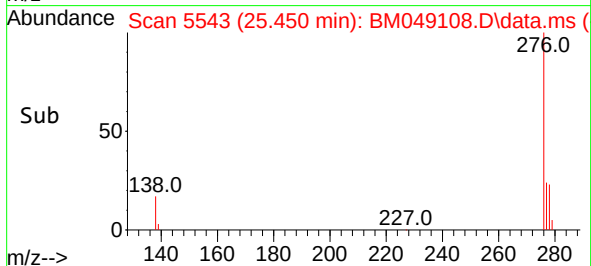
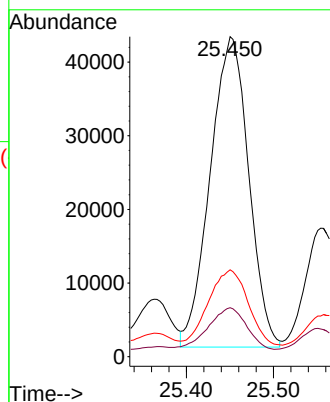
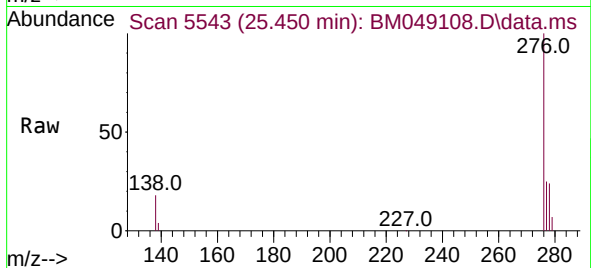
139 15.3 13.5 20.3

279 27.2 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: 5.059 ng/ul m

RT: 26.097 min Scan# 5736

Delta R.T. 0.003 min

Lab File: BM049108.D

Acq: 20 Dec 2024 19:49

Tgt Ion:276 Resp: 483536

Ion Ratio Lower Upper

276 100

138 18.4 16.7 25.1

277 23.8 19.9 29.9

