

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046305.D
 Acq On : 25 Jun 2024 23:24
 Operator : MA/JU
 Sample : P2844-15
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 00:05:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.392	152	2297	0.400	ng/ul	-0.06	
4) Naphthalene-d8	10.161	136	6977	0.400	ng/ul	-0.09	
9) Acenaphthene-d10	14.040	164	3979	0.400	ng/ul	-0.05	
13) Phenanthrene-d10	16.782	188	9006m	0.400	ng/ul	-0.07	
17) Chrysene-d12	20.991	240	6016m	0.400	ng/ul	-0.04	
23) Perylene-d12	23.083	264	9528m	0.400	ng/ul	-0.03	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.016	96	9873	3.133	ng/ul	-0.01	
6) 2-Methylnaphthalene-d10	11.761	152	2669	0.285	ng/ul	-0.11	
18) Fluoranthene-d10	18.821	212	6409m	0.356	ng/ul	-0.05	
Target Compounds							
							Qvalue
5) Naphthalene	10.205	128	21672	1.114	ng/ul		94
7) 2-Methylnaphthalene	11.838	142	8973	0.819	ng/ul		96
8) 1-Methylnaphthalene	12.053	142	6838	0.569	ng/ul		99
10) Acenaphthylene	13.753	152	58561	3.103	ng/ul		97
11) Acenaphthene	14.100	153	24273	1.782	ng/ul		98
12) Fluorene	15.094	166	31235	2.136	ng/ul		100
14) Pentachlorophenol	16.470	266	420	0.156	ng/ul		95
15) Phenanthrene	16.825	178	724040m	28.615	ng/ul		
16) Anthracene	16.918	178	138303m	7.339	ng/ul		
19) Fluoranthene	18.853	202	1552040m	59.583	ng/ul		
20) Pyrene	19.216	202	1127854m	40.037	ng/ul		
21) Benzo(a)anthracene	20.973	228	651347m	28.030	ng/ul		
22) Chrysene	21.026	228	743191m	25.061	ng/ul		
24) Benzo(b)fluoranthene	22.469	252	1083433m	31.562	ng/ul		
25) Benzo(k)fluoranthene	22.504	252	377536m	9.251	ng/ul		
26) Benzo(a)pyrene	22.993	252	427766m	13.448	ng/ul		
27) Indeno(1,2,3-cd)pyrene	25.125	276	416967m	8.009	ng/ul		
28) Dibenzo(a,h)anthracene	25.122	278	134864m	3.480	ng/ul		
29) Benzo(g,h,i)perylene	25.742	276	67240m	1.506	ng/ul		

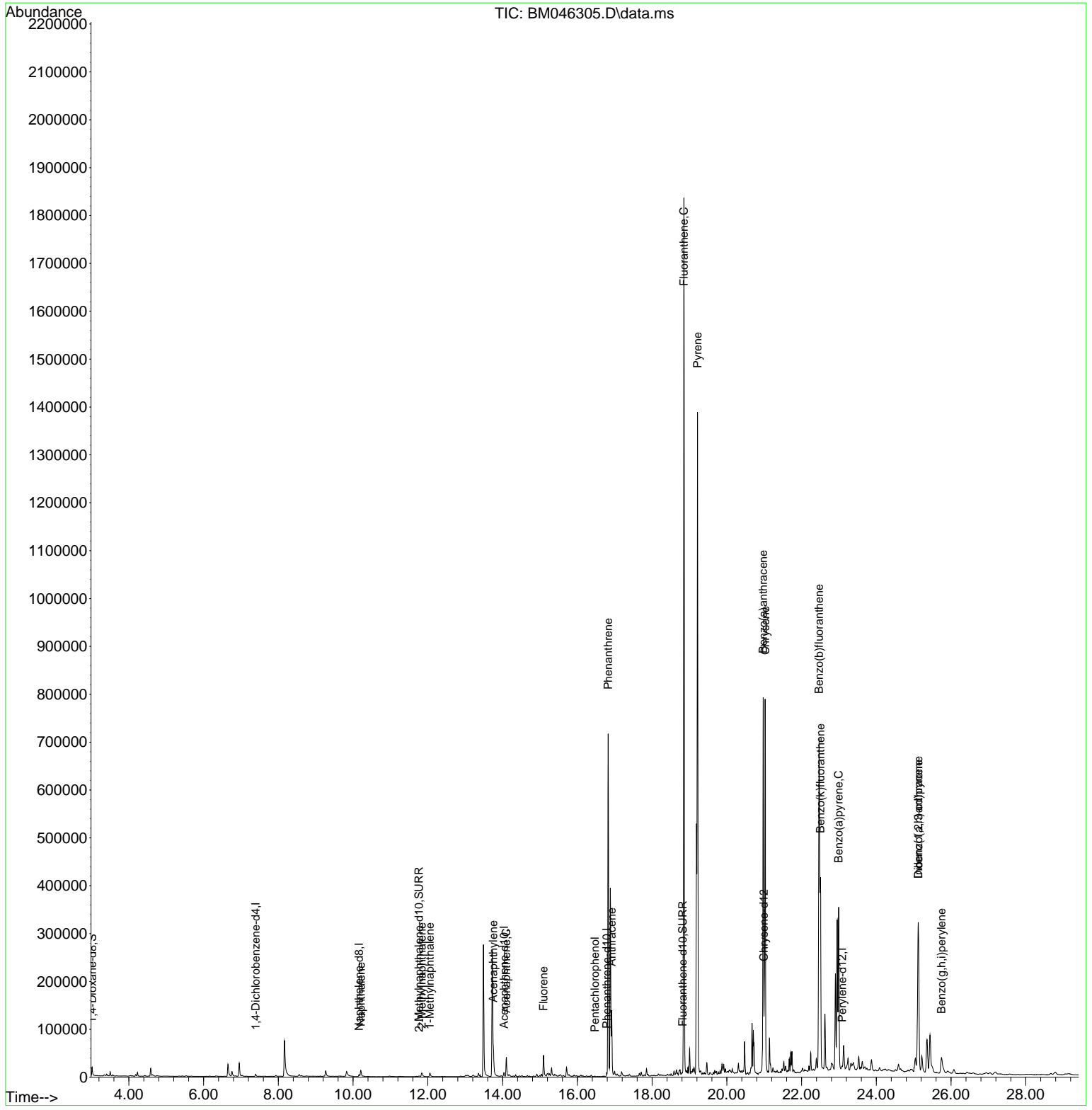
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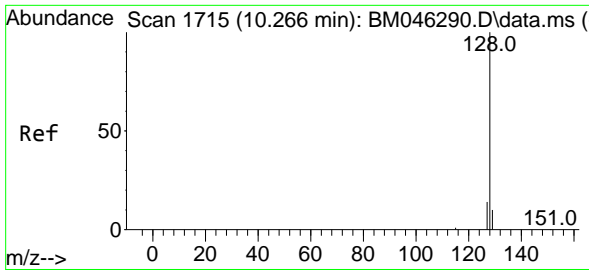
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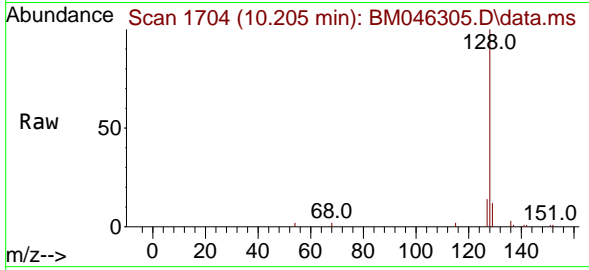
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024





Naphthalene
 Concen: 1.114 ng/u1
 RT: 10.205 min Scan# 111
 Delta R.T. -0.099 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

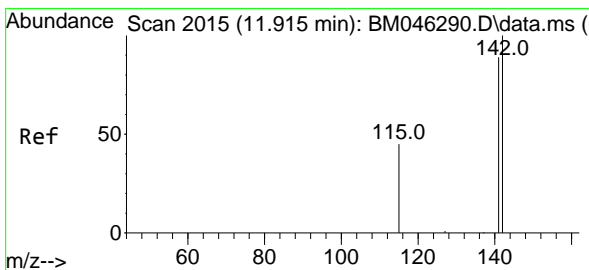
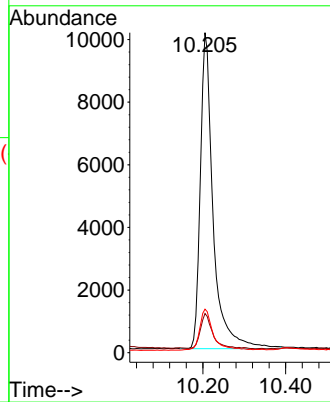
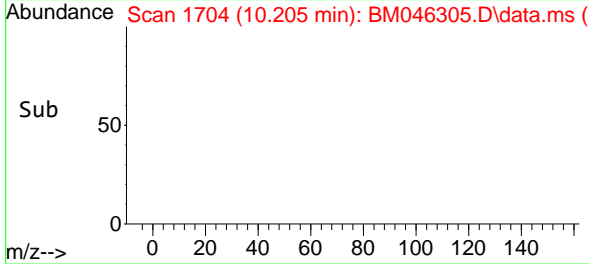
Instrument : BNA_M
 ClientSampleId : A4C69



Tgt Ion:128 Resp: 2167
 Ion Ratio Lower Upper
 128 100
 129 12.2 11.8 17.6
 127 13.6 12.8 19.2

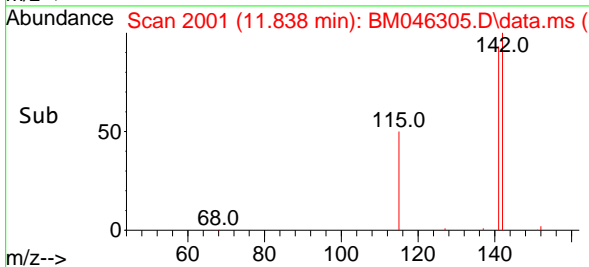
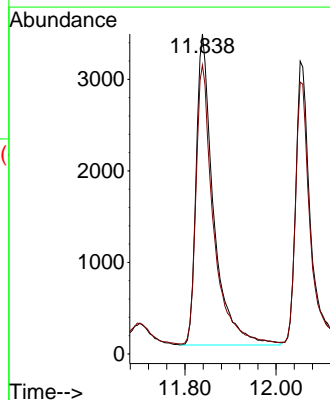
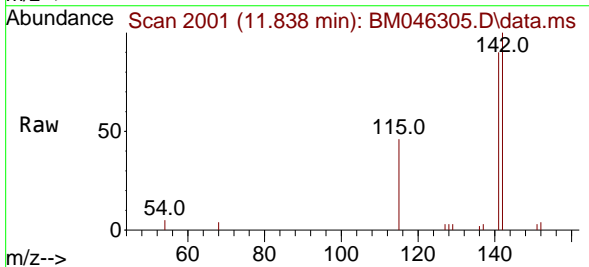
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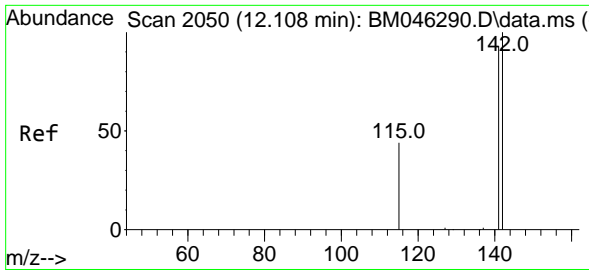
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



2-Methylnaphthalene
 Concen: 0.819 ng/u1
 RT: 11.838 min Scan# 2001
 Delta R.T. -0.115 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

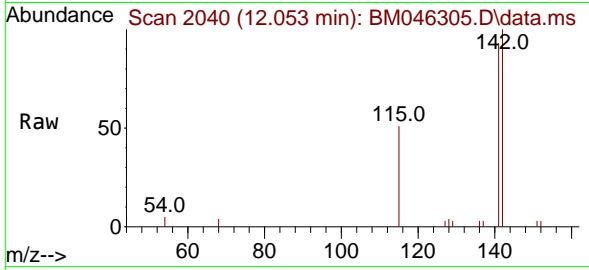
Tgt Ion:142 Resp: 8973
 Ion Ratio Lower Upper
 142 100
 141 89.7 74.6 111.8





#8
 1-Methylnaphthalene
 Concen: 0.569 ng/u1
 RT: 12.053 min Scan# 2050
 Delta R.T. -0.082 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

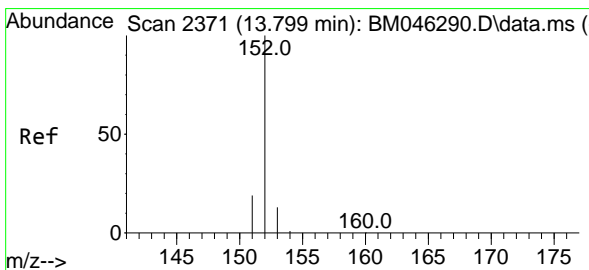
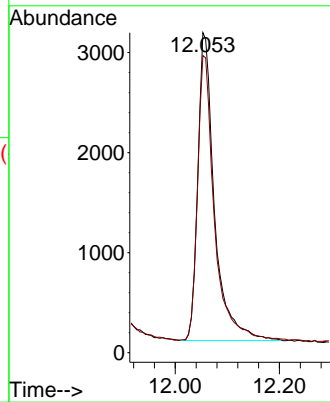
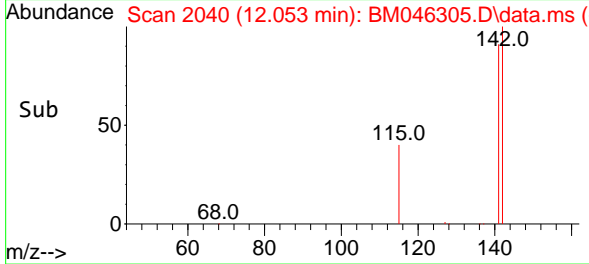
Instrument :
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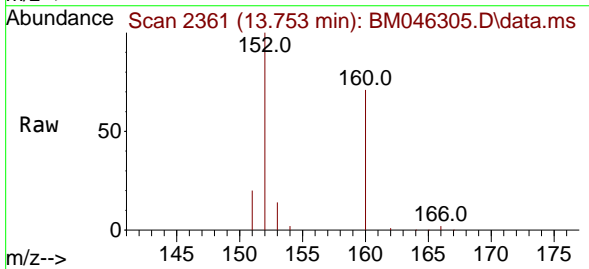
Tgt Ion:142 Resp: 6838
 Ion Ratio Lower Upper
 142 100
 141 93.1 75.2 112.8

Manual Integrations
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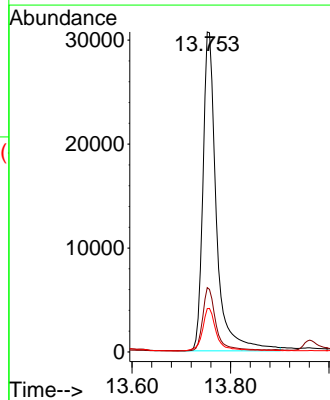
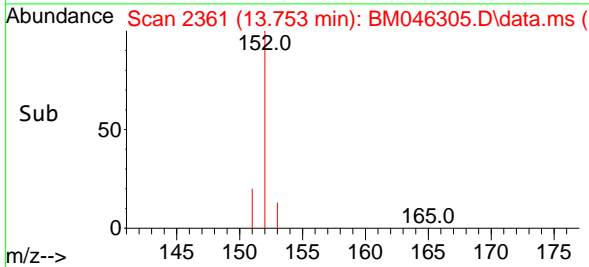
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

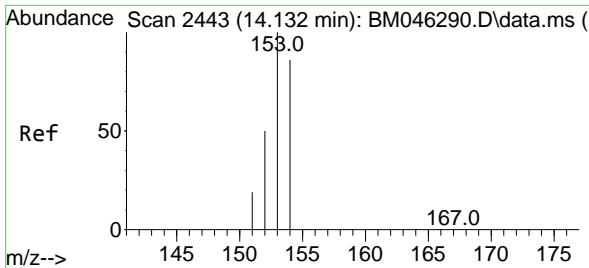


#10
 Acenaphthylene
 Concen: 3.103 ng/u1
 RT: 13.753 min Scan# 2361
 Delta R.T. -0.065 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24



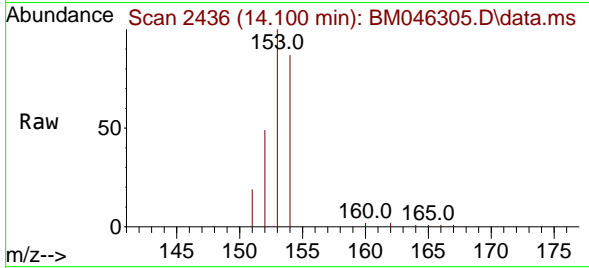
Tgt Ion:152 Resp: 58561
 Ion Ratio Lower Upper
 152 100
 151 20.1 17.4 26.2
 153 13.5 11.8 17.8





#11
 Acenaphthene
 Concen: 1.782 ng/u1
 RT: 14.100 min Scan# 2443
 Delta R.T. -0.046 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

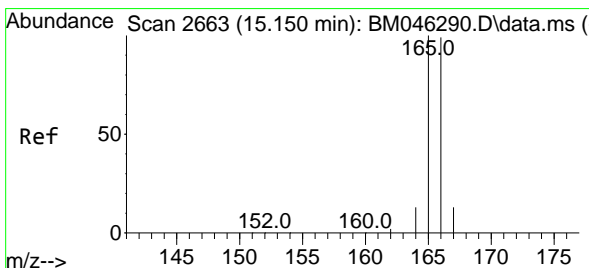
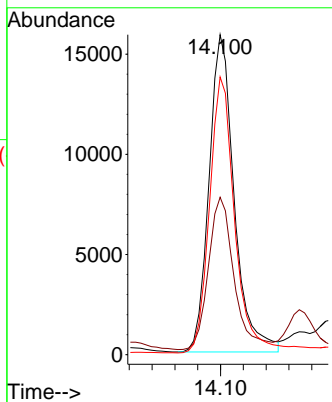
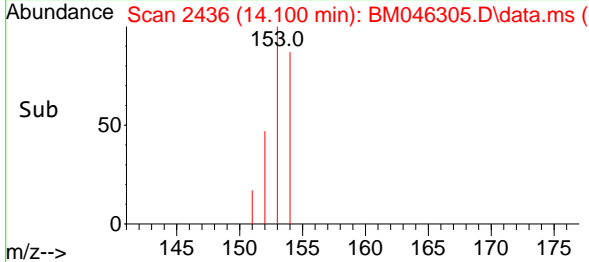
Instrument :
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 ClientSampleId :
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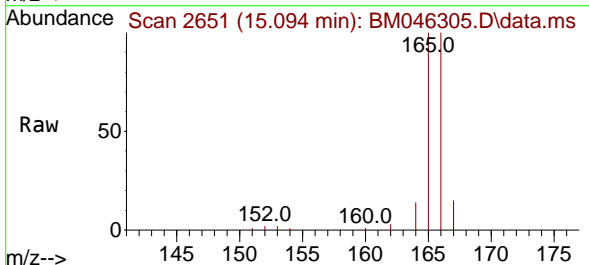
Tgt Ion:153 Resp: 2427
 Ion Ratio Lower Upper
 153 100
 152 49.2 41.3 61.9
 154 86.8 68.2 102.4

Manual Integrations
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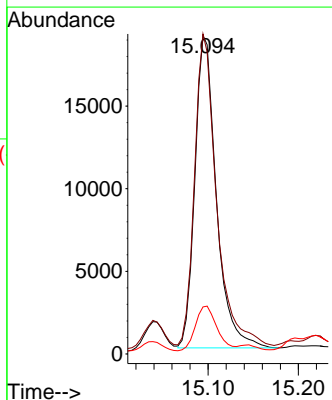
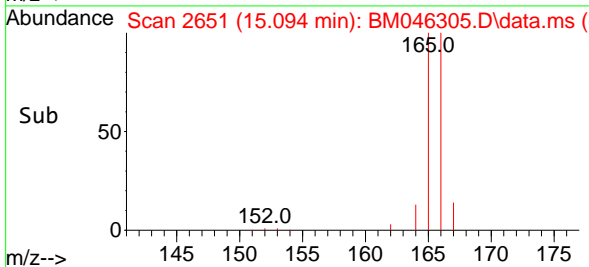
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

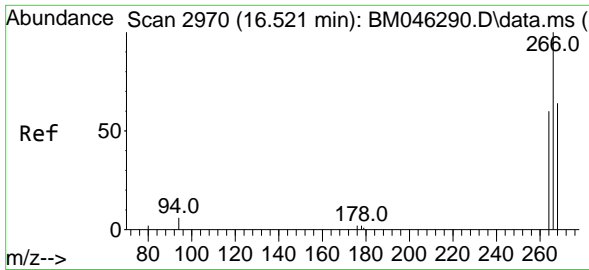


#12
 Fluorene
 Concen: 2.136 ng/u1
 RT: 15.094 min Scan# 2651
 Delta R.T. -0.074 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24



Tgt Ion:166 Resp: 31235
 Ion Ratio Lower Upper
 166 100
 165 100.5 80.4 120.6
 167 14.8 12.4 18.6





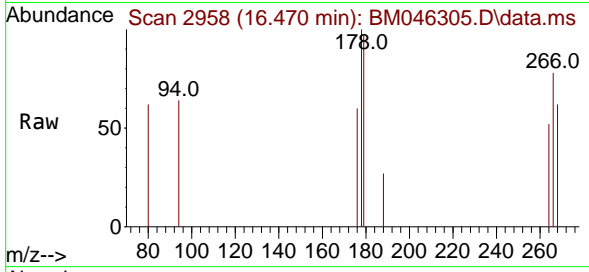
#14
 Pentachlorophenol
 Concen: 0.156 ng/ul
 RT: 16.470 min Scan# 2970
 Delta R.T. -0.063 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

Instrument :

BNA_M

ClientSampleId :

A4C69



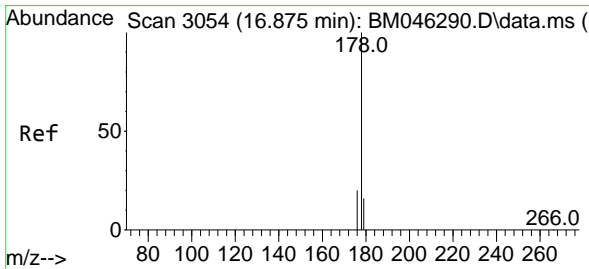
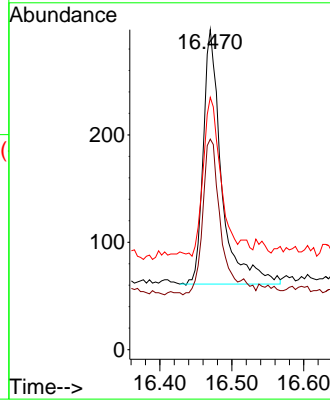
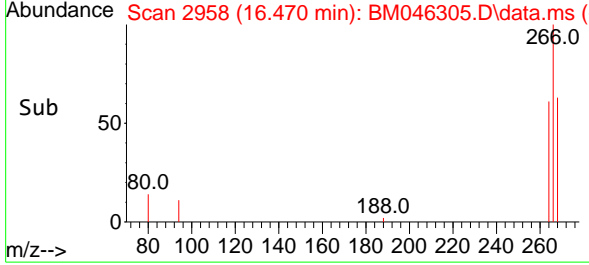
Tgt Ion:266 Resp: 420
 Ion Ratio Lower Upper
 266 100
 264 61.4 50.9 76.3
 268 59.8 52.3 78.5

Manual Integrations

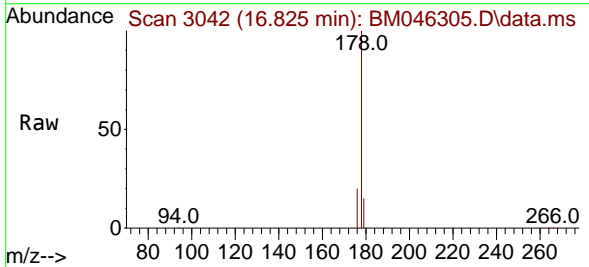
APPROVED

Reviewed By :Yogesh Patel 06/26/2024

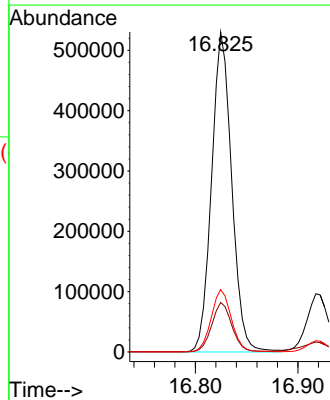
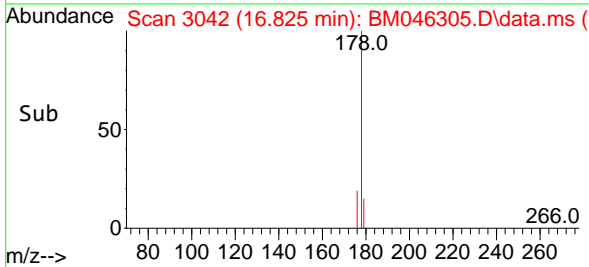
Supervised By :mohammad ahmed 06/27/2024

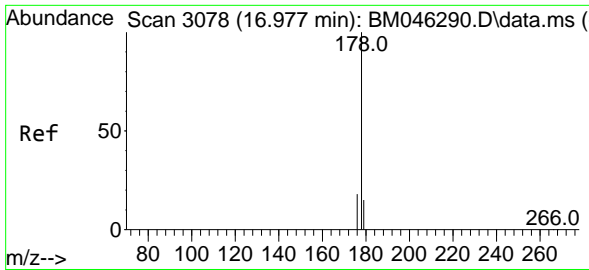


#15
 Phenanthrene
 Concen: 28.615 ng/ul m
 RT: 16.825 min Scan# 3042
 Delta R.T. -0.063 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24



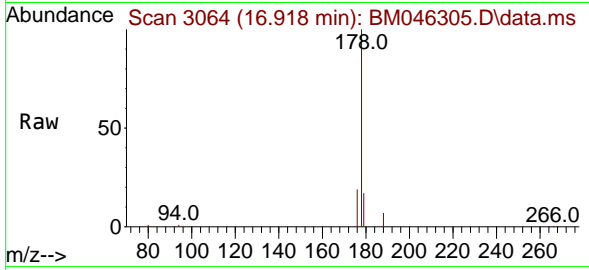
Tgt Ion:178 Resp: 724040
 Ion Ratio Lower Upper
 178 100
 179 15.5 14.2 21.2
 176 19.5 17.1 25.7





#16
 Anthracene
 Concen: 7.339 ng/ul m
 RT: 16.918 min Scan# 3078
 Delta R.T. -0.089 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

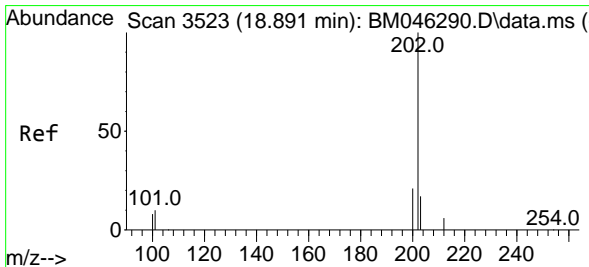
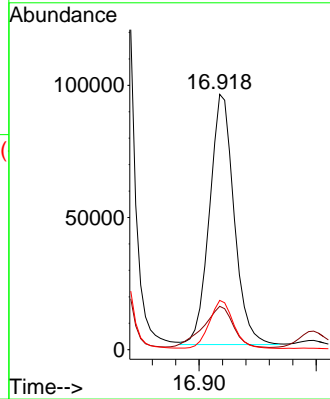
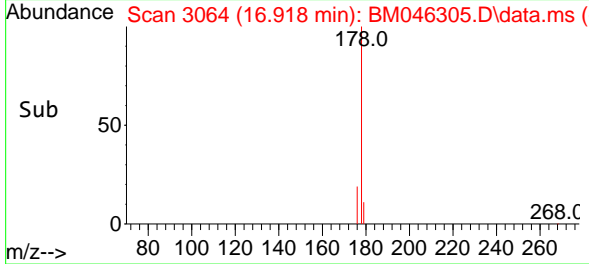
Instrument :
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Tgt Ion:178 Resp: 13830
 Ion Ratio Lower Upper
 178 100
 179 17.0 14.9 22.3
 176 19.3 17.0 25.4

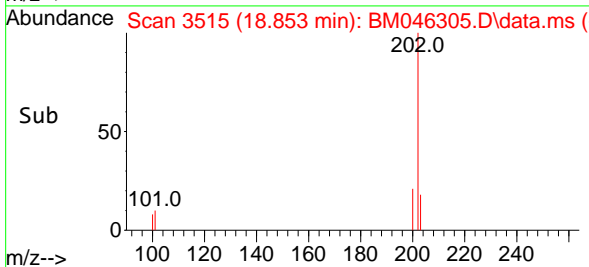
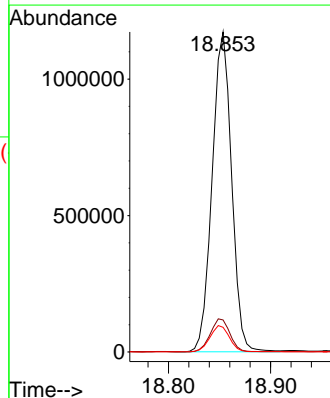
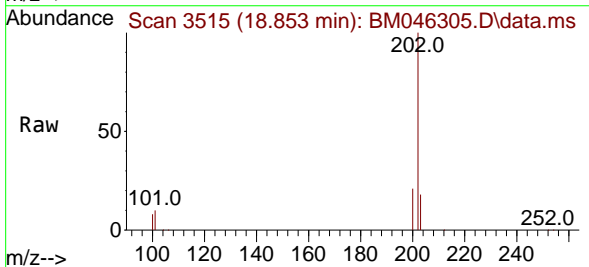
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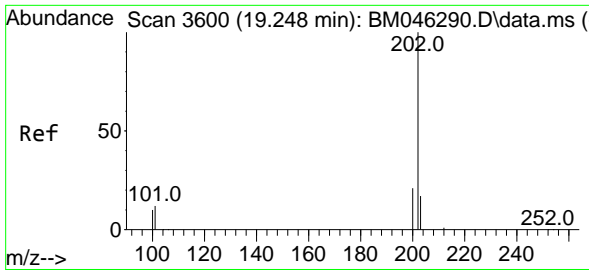
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#19
 Fluoranthene
 Concen: 59.583 ng/ul m
 RT: 18.853 min Scan# 3515
 Delta R.T. -0.051 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

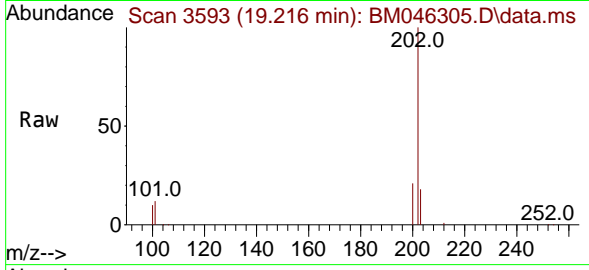
Tgt Ion:202 Resp: 1552040
 Ion Ratio Lower Upper
 202 100
 101 10.0 9.6 14.4
 100 7.7 7.6 11.4





#20
 Pyrene
 Concen: 40.037 ng/ul m
 RT: 19.216 min Scan# 31
 Delta R.T. -0.042 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

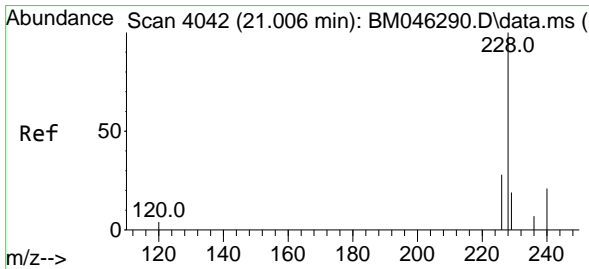
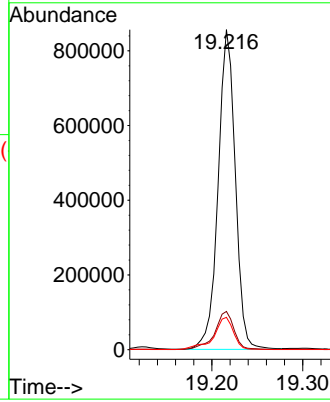
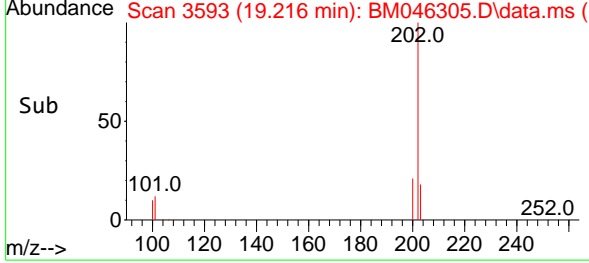
Instrument :
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Tgt Ion:202 Resp: 112785
 Ion Ratio Lower Upper
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 101 11.9 11.3 16.9
 100 10.1 9.8 14.6

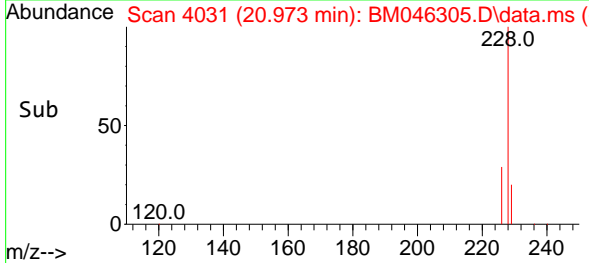
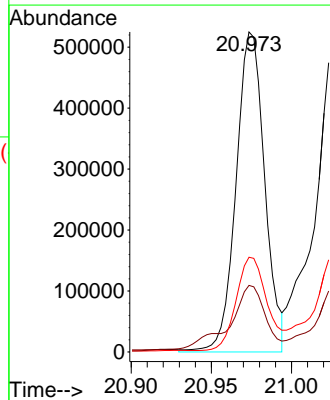
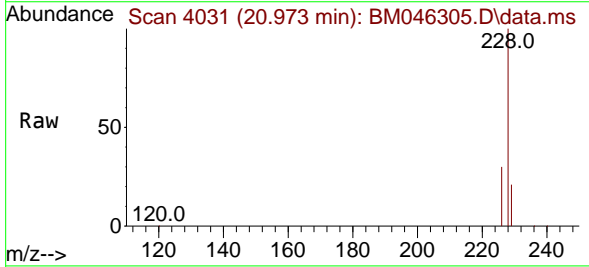
Manual Integrations
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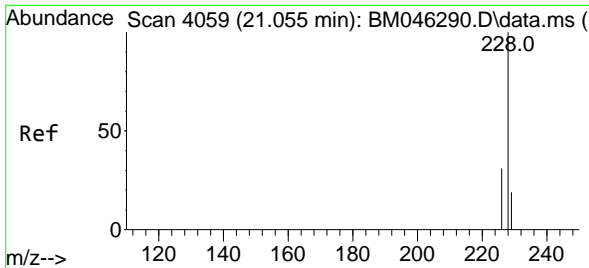
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#21
 Benzo(a)anthracene
 Concen: 28.030 ng/ul m
 RT: 20.973 min Scan# 4031
 Delta R.T. -0.038 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

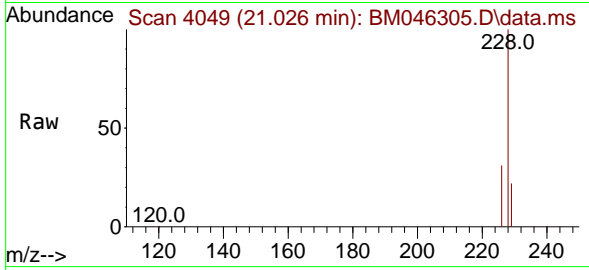
Tgt Ion:228 Resp: 651347
 Ion Ratio Lower Upper
 228 100
 229 20.8 16.4 24.6
 226 29.6 23.4 35.2





#22
 Chrysene
 Concen: 25.061 ng/ul m
 RT: 21.026 min Scan# 4059
 Delta R.T. -0.032 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

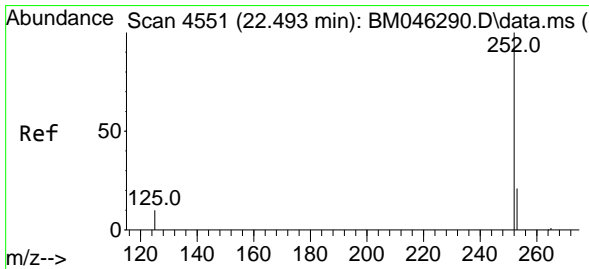
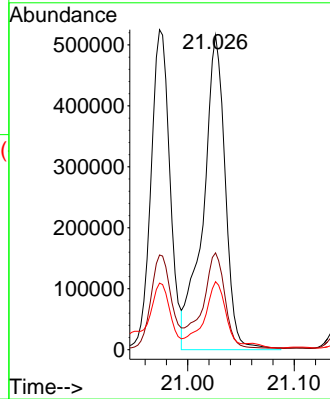
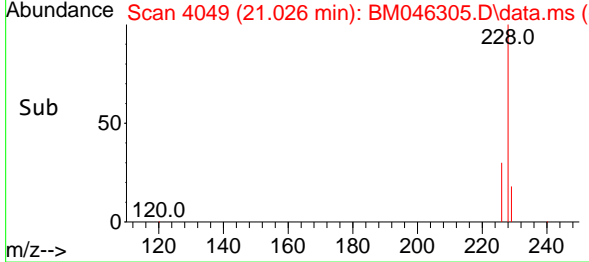
Instrument :
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Tgt Ion:228 Resp: 74319
 Ion Ratio Lower Upper
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 226 30.8 25.2 37.8
 229 21.6 16.3 24.5

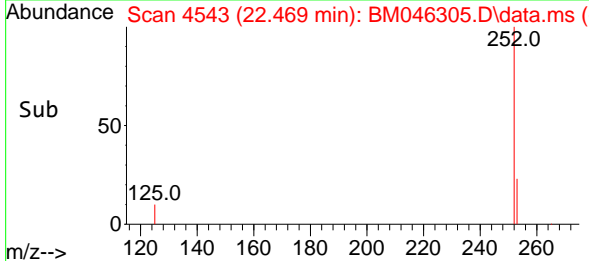
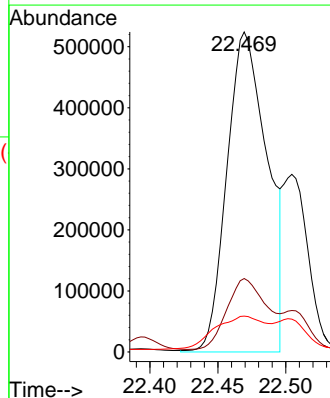
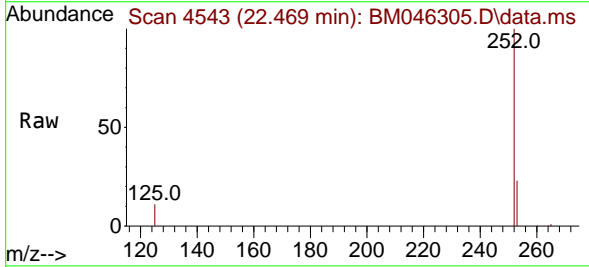
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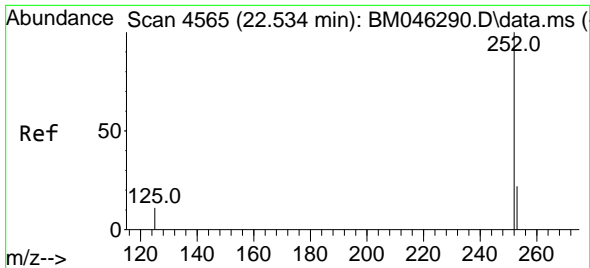
Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024



#24
 Benzo(b)fluoranthene
 Concen: 31.562 ng/ul m
 RT: 22.469 min Scan# 4543
 Delta R.T. -0.026 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

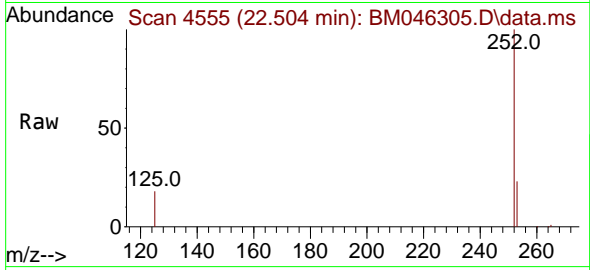
Tgt Ion:252 Resp: 1083433
 Ion Ratio Lower Upper
 252 100
 253 23.0 0.0 65.8
 125 11.2 0.0 40.2





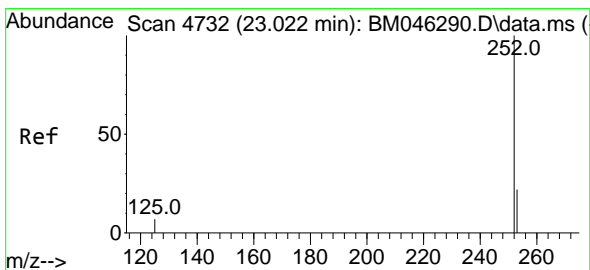
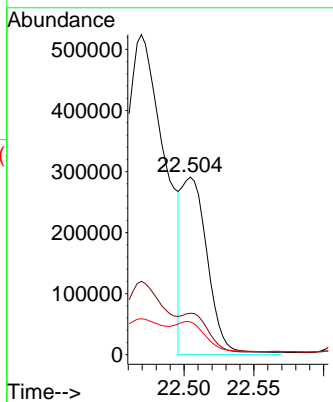
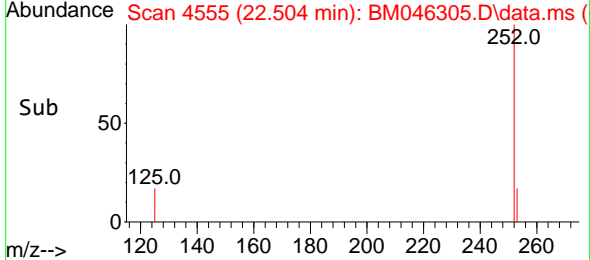
#25
 Benzo(k)fluoranthene
 Concen: 9.251 ng/ul m
 RT: 22.504 min Scan# 4555
 Delta R.T. -0.032 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

Instrument : BNA_M
 ClientSampleId : A4C69

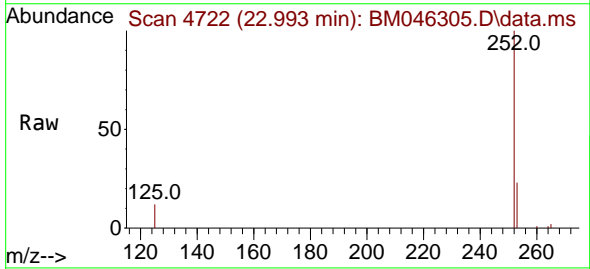


Tgt Ion:252 Resp: 377530
 Ion Ratio Lower Upper
 252 100
 253 23.4 27.2 40.8#
 125 18.4 16.6 25.0

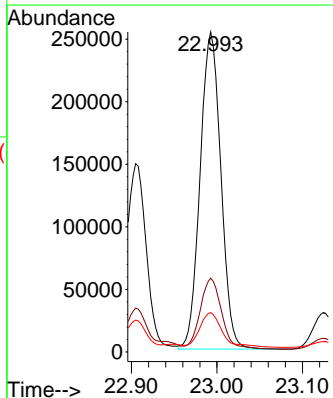
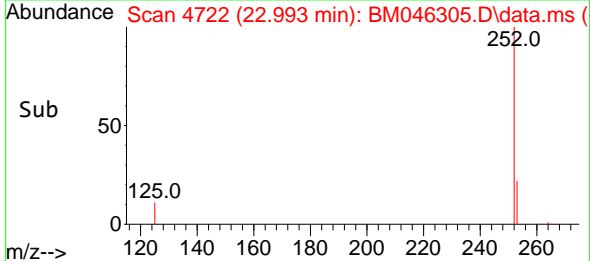
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 Supervised By :mohammad ahmed 06/27/2024

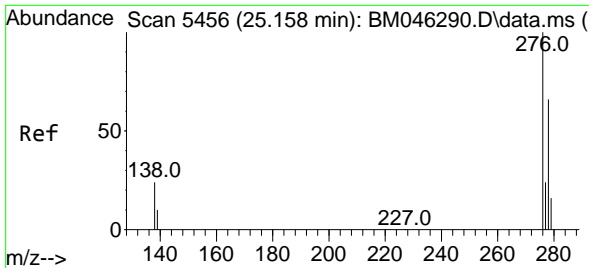


#26
 Benzo(a)pyrene
 Concen: 13.448 ng/ul m
 RT: 22.993 min Scan# 4722
 Delta R.T. -0.035 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24



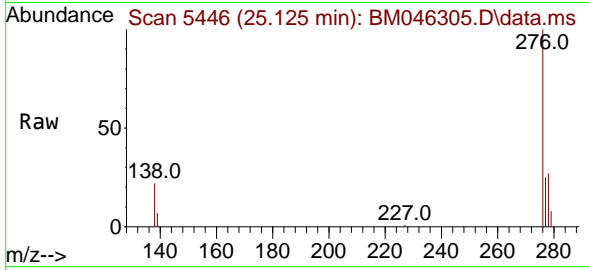
Tgt Ion:252 Resp: 427766
 Ion Ratio Lower Upper
 252 100
 253 23.0 32.1 48.1#
 125 12.3 21.2 31.8#





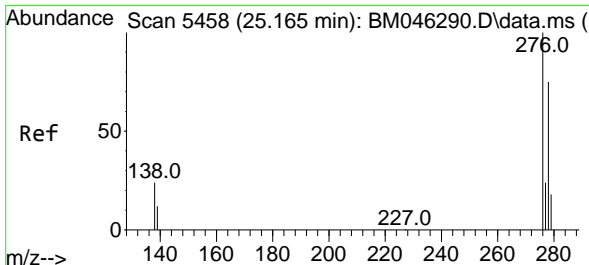
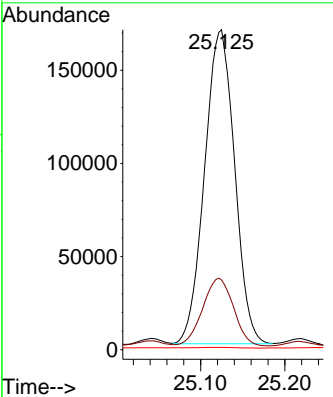
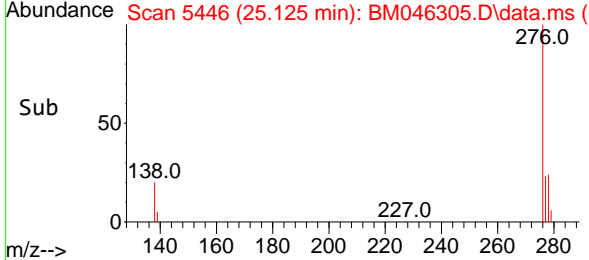
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 8.009 ng/ul m
 RT: 25.125 min Scan# 54
 Delta R.T. -0.044 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

Instrument :
 BNA_M
 ClientSampleId :
 A4C69

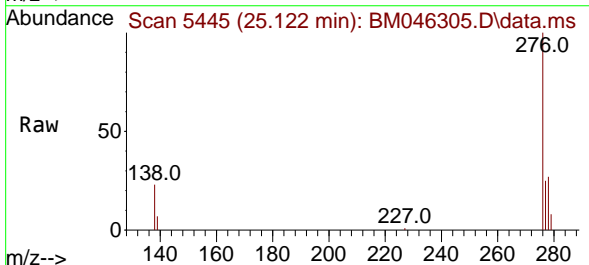


Tgt Ion:276 Resp: 41696
 Ion Ratio Lower Upper
 276 100
 138 1.9 21.0 31.4
 227 0.0 0.0 0.0

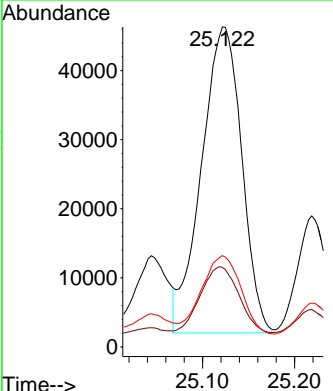
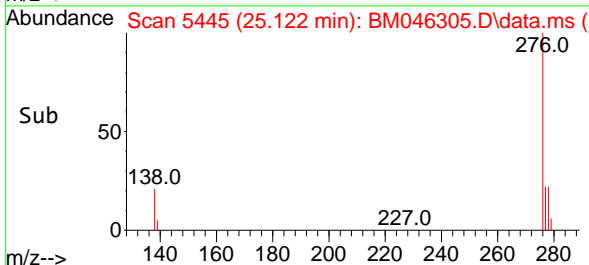
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 Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

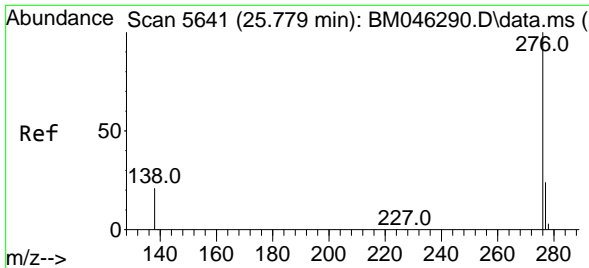


#28
 Dibenzo(a,h)anthracene
 Concen: 3.480 ng/ul m
 RT: 25.122 min Scan# 5445
 Delta R.T. -0.060 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24



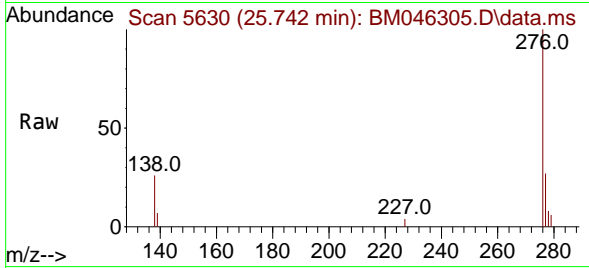
Tgt Ion:278 Resp: 134864
 Ion Ratio Lower Upper
 278 100
 139 24.9 17.6 26.4
 279 28.6 26.3 39.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.506 ng/ul m
 RT: 25.742 min Scan# 50
 Delta R.T. -0.044 min
 Lab File: BM046305.D
 Acq: 25 Jun 2024 23:24

Instrument :
 BNA_M
 ClientSampleId :
 A4C69



Tgt Ion: 276 Resp: 67240

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.7	32.5
277	27.4	20.4	30.6

Manual Integrations
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Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

