

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046108.D
 Acq On : 20 Jun 2024 05:09
 Operator : MA/JU
 Sample : P2696-08DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN7DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 05:39:58 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 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2748	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.233	136	7482	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.086	164	4350	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	8623	0.400	ng/ul	-0.03
17) Chrysene-d12	21.020	240	7299	0.400	ng/ul	-0.02
23) Perylene-d12	23.112	264	8103m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	2948	0.782	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.871	152	554	0.055	ng/ul	0.00
18) Fluoranthene-d10	18.858	212	1382	0.063	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.282	128	632	0.030	ng/ul#	54
10) Acenaphthylene	13.803	152	1832	0.089	ng/ul#	90
11) Acenaphthene	14.150	153	694	0.047	ng/ul	96
12) Fluorene	15.145	166	866	0.054	ng/ul#	95
15) Phenanthrene	16.867	178	21489	0.887	ng/ul	97
16) Anthracene	16.960	178	3704	0.205	ng/ul#	93
19) Fluoranthene	18.886	202	61343	1.941	ng/ul	97
20) Pyrene	19.248	202	43183	1.263	ng/ul	96
21) Benzo(a)anthracene	21.005	228	23750	0.842	ng/ul	98
22) Chrysene	21.055	228	30965	0.861	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	48831m	1.673	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	15847m	0.457	ng/ul	
26) Benzo(a)pyrene	23.019	252	14523	0.537	ng/ul	89
27) Indeno(1,2,3-cd)pyrene	25.158	276	17336	0.392	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.162	278	5259	0.160	ng/ul#	85
29) Benzo(g,h,i)perylene	25.785	276	2555	0.067	ng/ul#	73

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

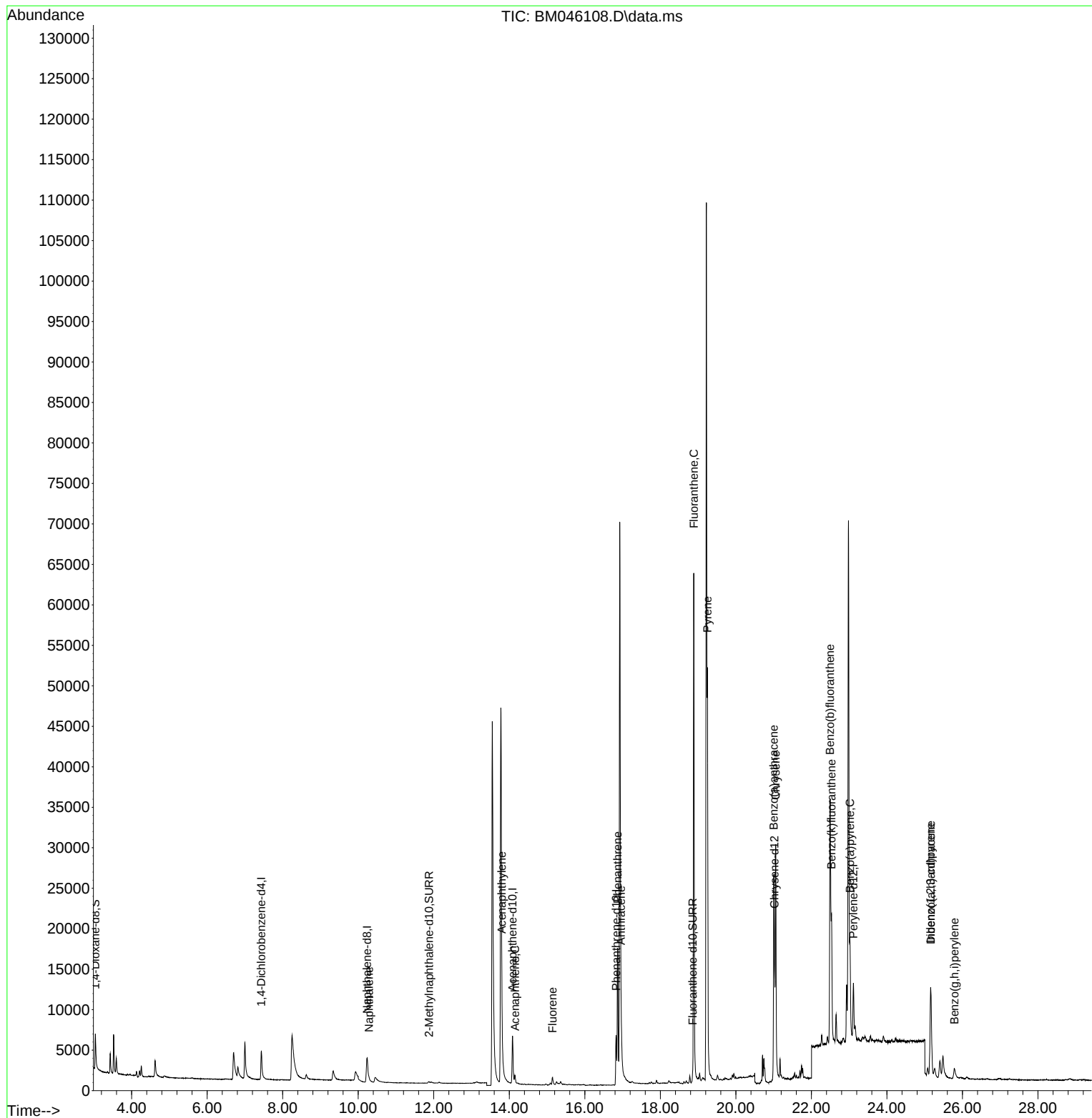
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046108.D
Acq On : 20 Jun 2024 05:09
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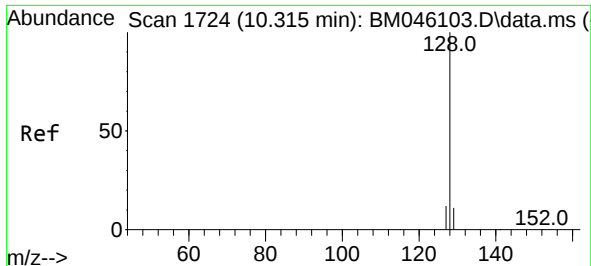
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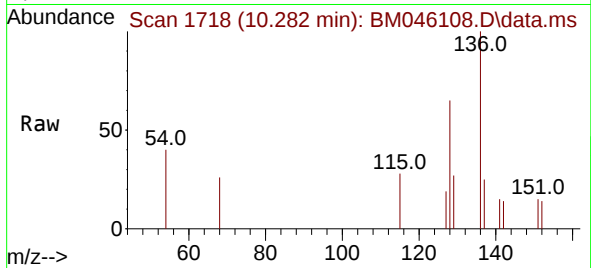
Quant Time: Jun 20 05:39:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.282 min Scan# 1718
Delta R.T. -0.021 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

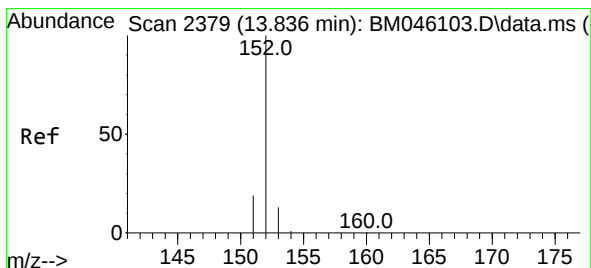
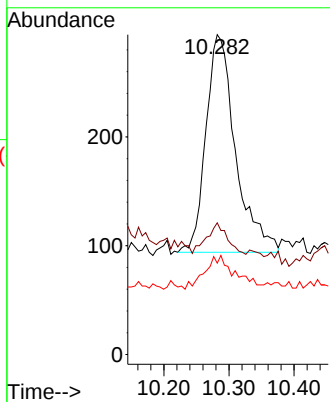
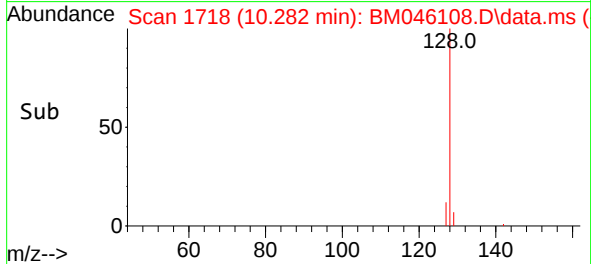
Instrument :
BNA_M
ClientSampleId :
A4BN7DL



Tgt Ion:128 Resp: 632
Ion Ratio Lower Upper
128 100
129 41.2 11.8 17.6
127 28.6 12.8 19.2

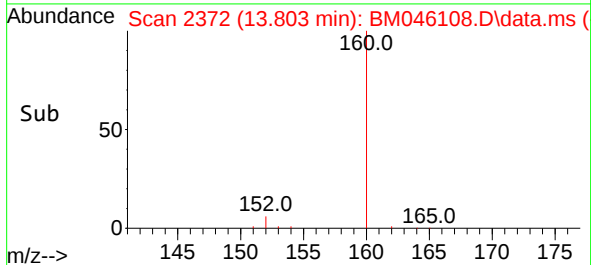
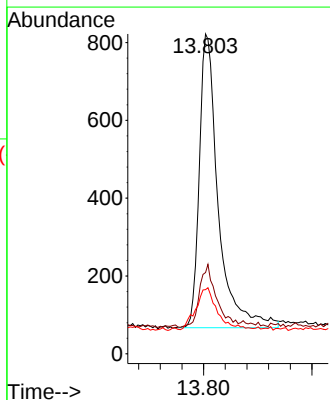
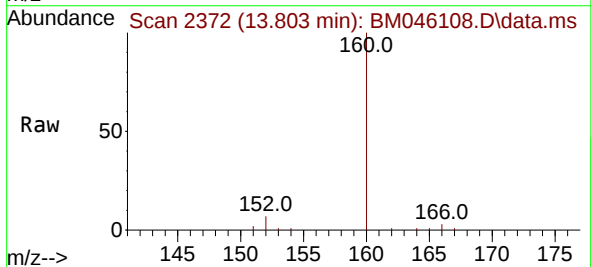
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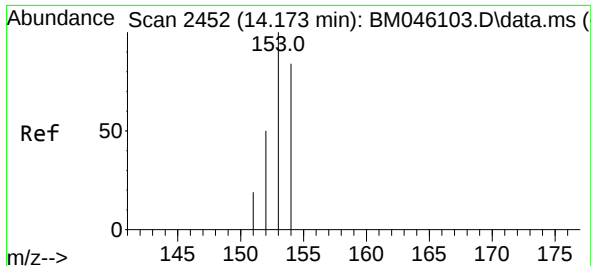
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.089 ng/u1
RT: 13.803 min Scan# 2372
Delta R.T. -0.031 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

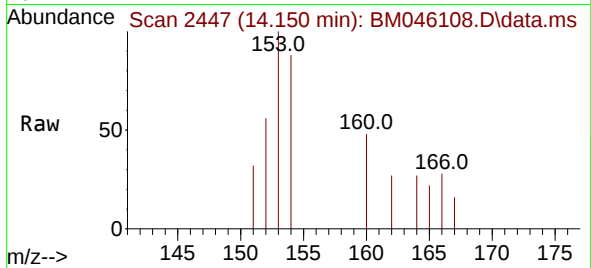
Tgt Ion:152 Resp: 1832
Ion Ratio Lower Upper
152 100
151 25.4 17.4 26.2
153 20.1 11.8 17.8





#11
Acenaphthene
Concen: 0.047 ng/u1
RT: 14.150 min Scan# 2452
Delta R.T. -0.022 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

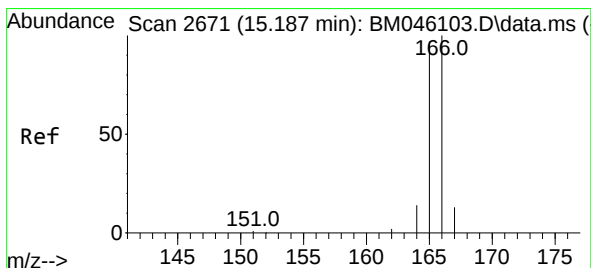
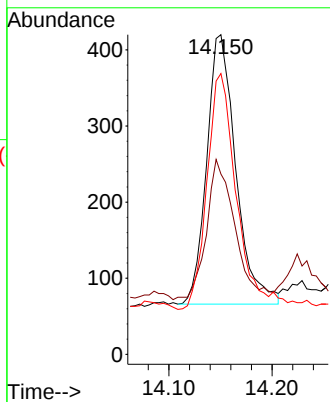
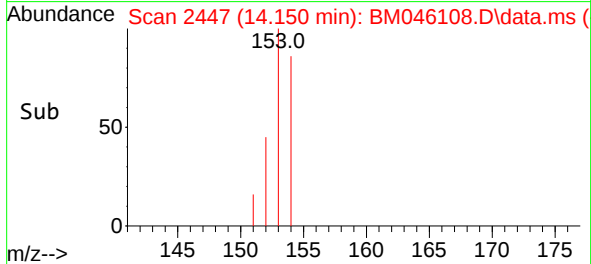
Instrument :
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A4BN7DL



Tgt Ion:153 Resp: 694
Ion Ratio Lower Upper
153 100
152 56.4 41.3 61.9
154 87.9 68.2 102.4

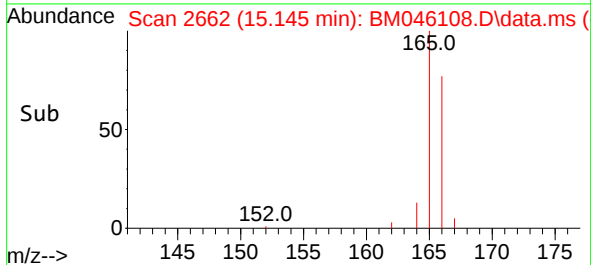
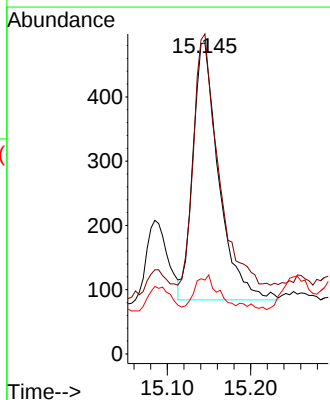
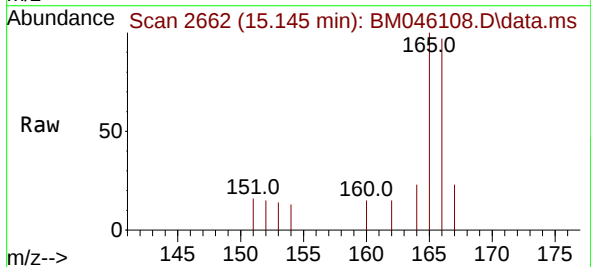
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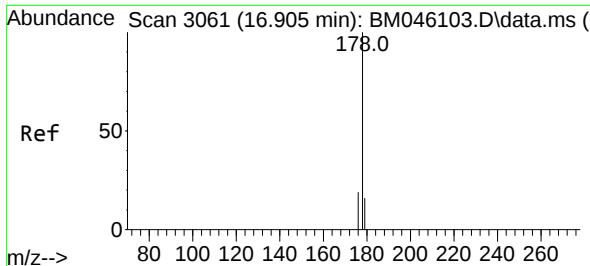
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.054 ng/u1
RT: 15.145 min Scan# 2662
Delta R.T. -0.036 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

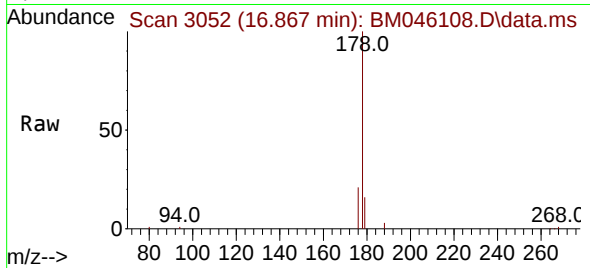
Tgt Ion:166 Resp: 866
Ion Ratio Lower Upper
166 100
165 102.9 80.4 120.6
167 23.8 12.4 18.6#





#15
Phenanthrene
Concen: 0.887 ng/ul
RT: 16.867 min Scan# 3052
Delta R.T. -0.037 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

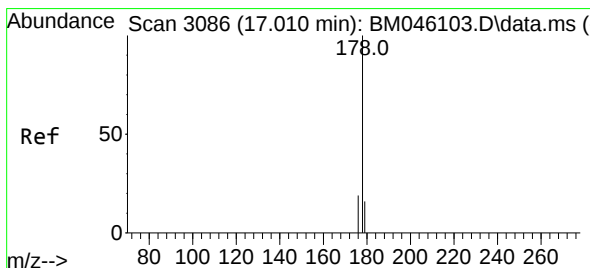
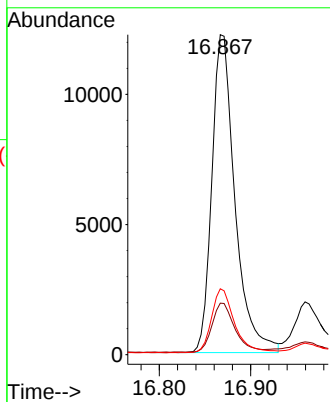
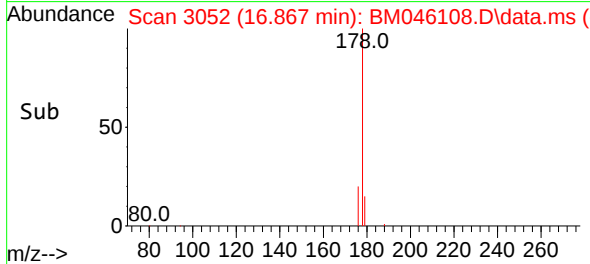
Instrument :
BNA_M
ClientSampleId :
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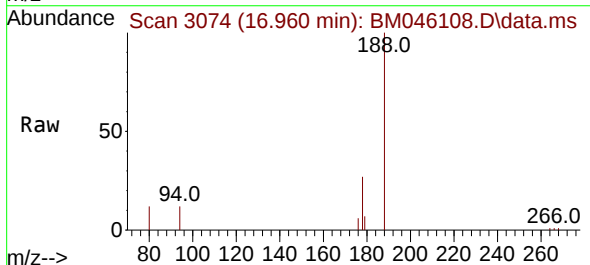
Tgt Ion:178 Resp: 21489
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.2
176 20.6 17.1 25.7

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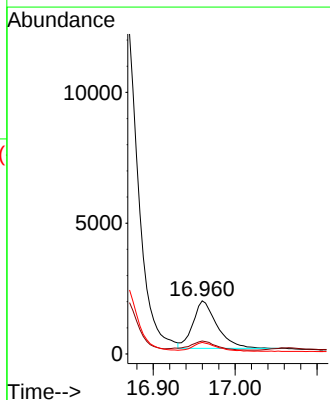
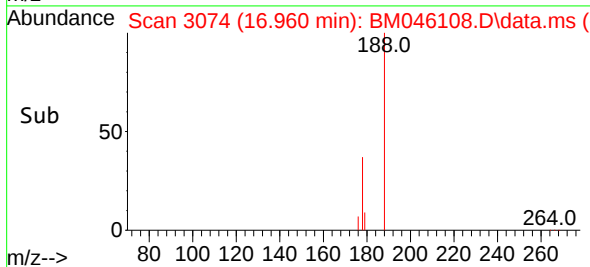
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

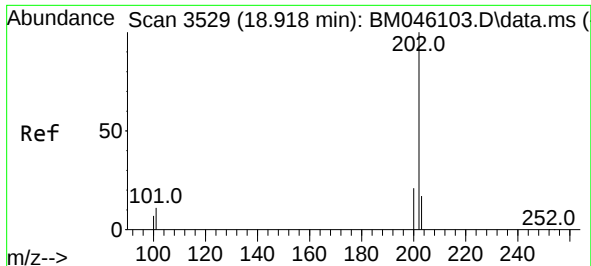


#16
Anthracene
Concen: 0.205 ng/ul
RT: 16.960 min Scan# 3074
Delta R.T. -0.045 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09



Tgt Ion:178 Resp: 3704
Ion Ratio Lower Upper
178 100
179 24.3 14.9 22.3#
176 21.8 17.0 25.4





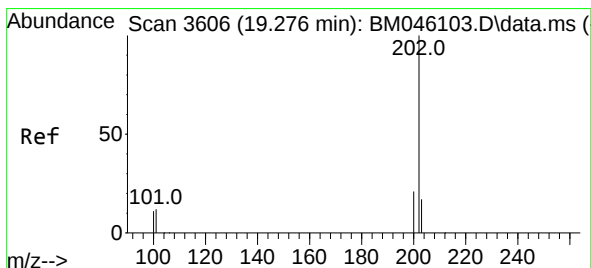
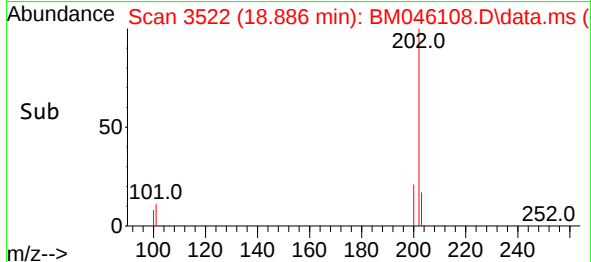
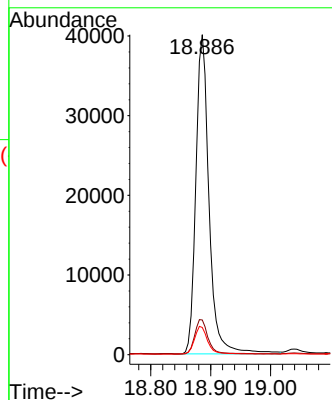
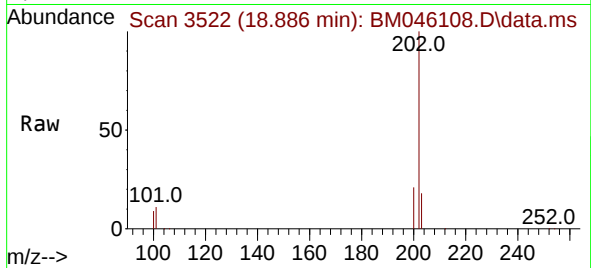
#19
Fluoranthene
Concen: 1.941 ng/ul
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

Instrument :
BNA_M
ClientSampleId :
A4BN7DL

Tgt Ion:202 Resp: 6134
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.5 7.6 11.4

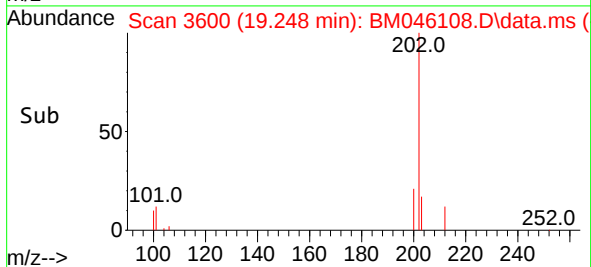
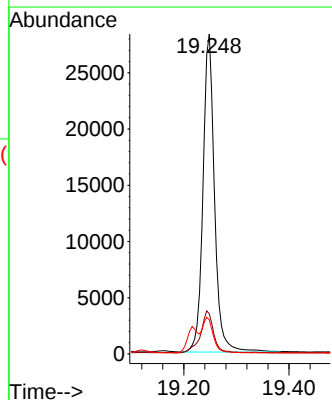
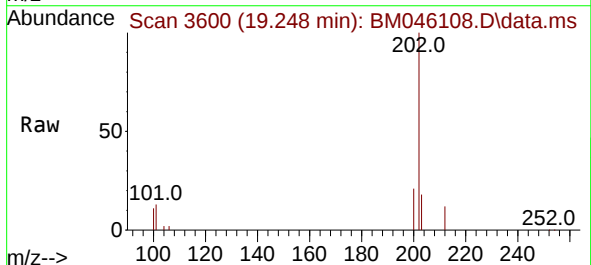
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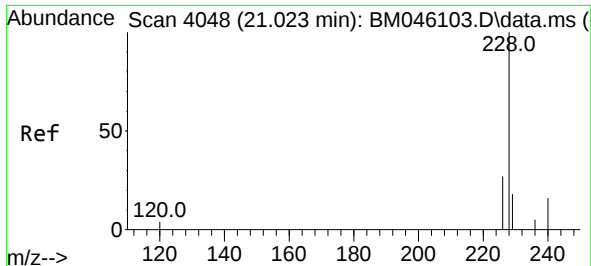
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 1.263 ng/ul
RT: 19.248 min Scan# 3600
Delta R.T. -0.027 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

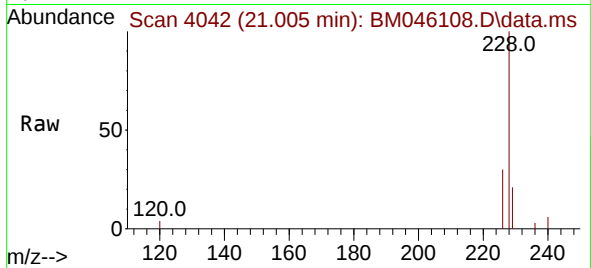
Tgt Ion:202 Resp: 43183
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.7 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.842 ng/ul
RT: 21.005 min Scan# 4048
Delta R.T. -0.024 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

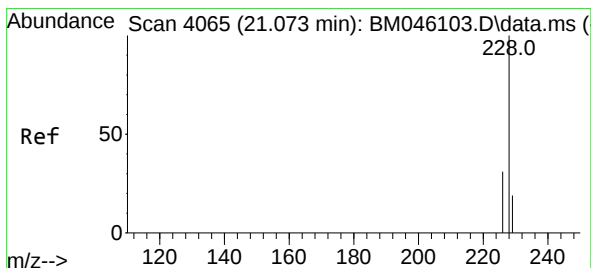
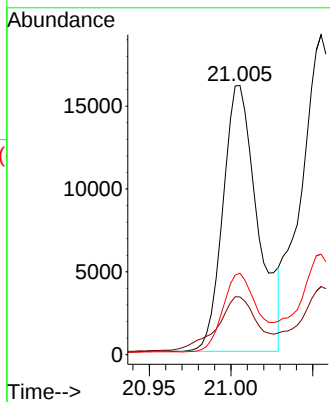
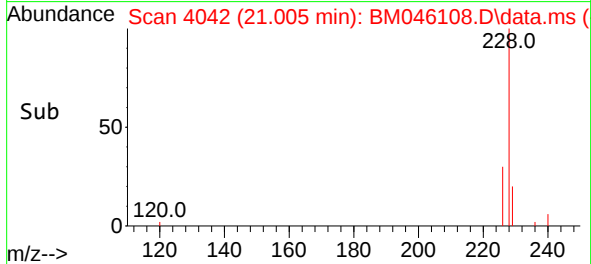
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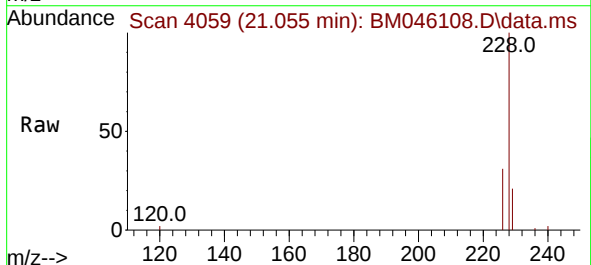
Tgt Ion:228 Resp: 23750
Ion Ratio Lower Upper
228 100
229 21.4 16.4 24.6
226 30.3 23.4 35.2

Manual Integrations
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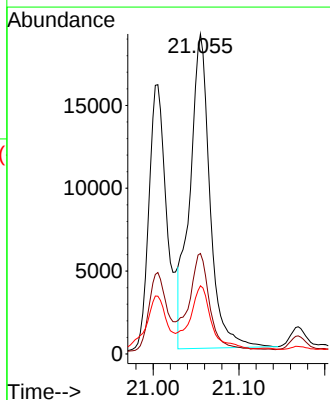
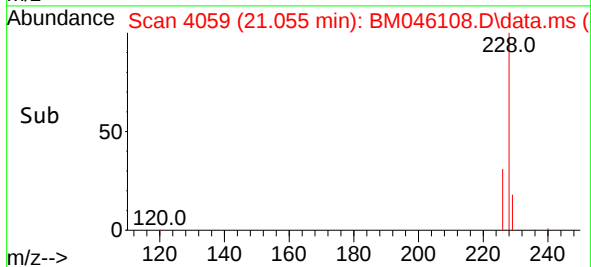
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024

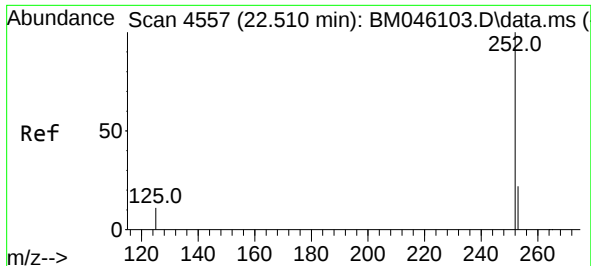


#22
Chrysene
Concen: 0.861 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09



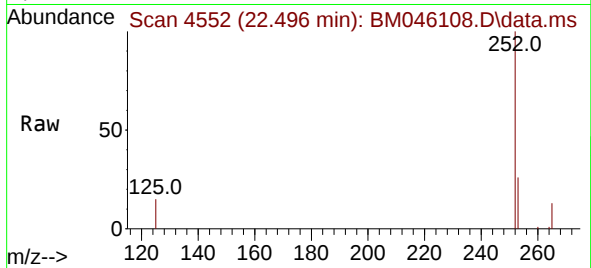
Tgt Ion:228 Resp: 30965
Ion Ratio Lower Upper
228 100
226 31.4 25.2 37.8
229 21.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.673 ng/ul m
RT: 22.496 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

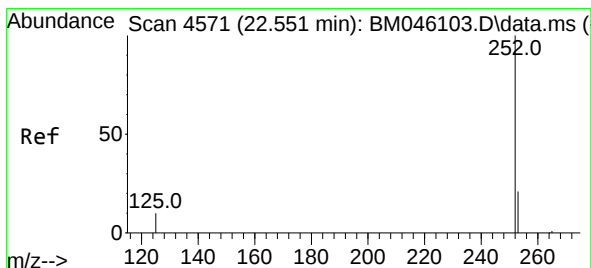
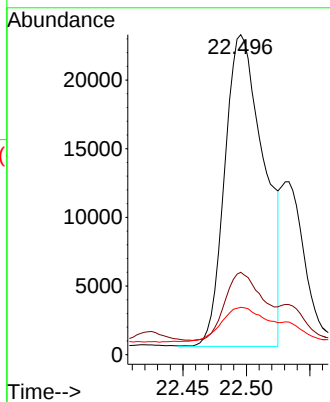
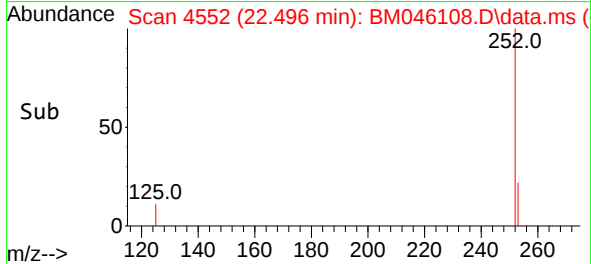
Instrument :
BNA_M
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A4BN7DL



Tgt Ion:252 Resp: 4883
Ion Ratio Lower Upper
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253 25.7 0.0 65.8
125 14.8 0.0 40.2

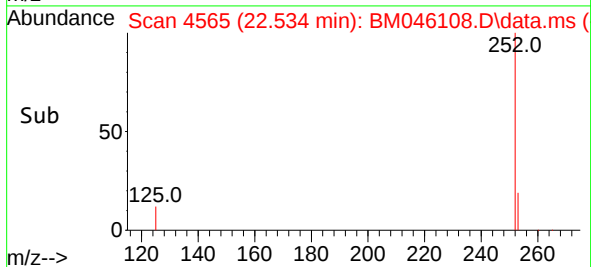
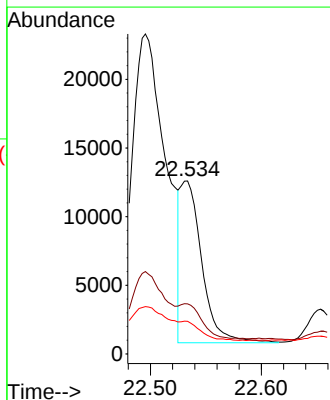
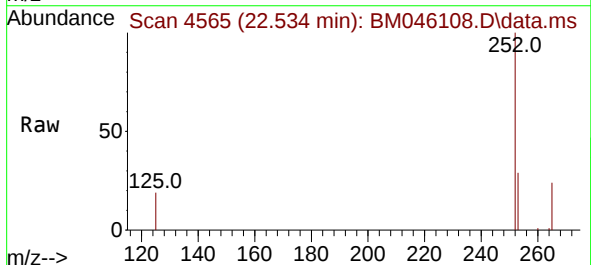
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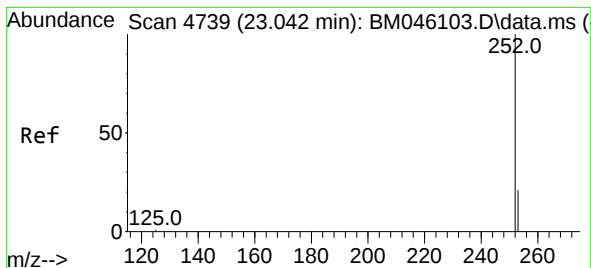
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.457 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046108.D
Acq: 20 Jun 2024 05:09

Tgt Ion:252 Resp: 15847
Ion Ratio Lower Upper
252 100
253 29.0 27.2 40.8
125 18.9 16.6 25.0





#26

Benzo(a)pyrene

Concen: 0.537 ng/ul

RT: 23.019 min Scan# 4731

Delta R.T. -0.036 min

Lab File: BM046108.D

Acq: 20 Jun 2024 05:09

Instrument :

BNM_M

ClientSampleId :

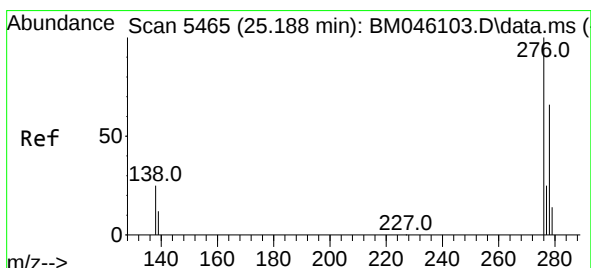
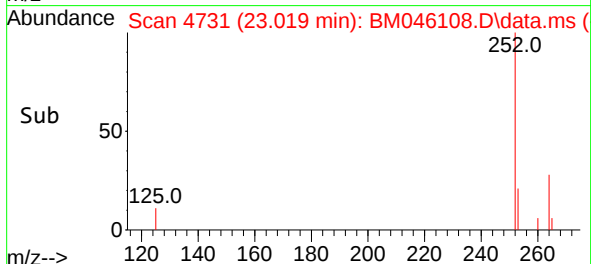
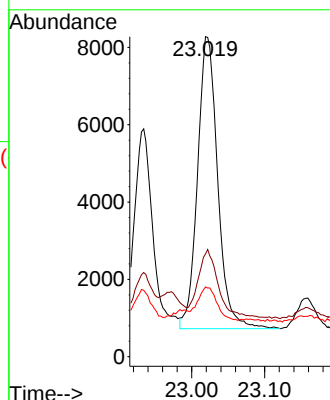
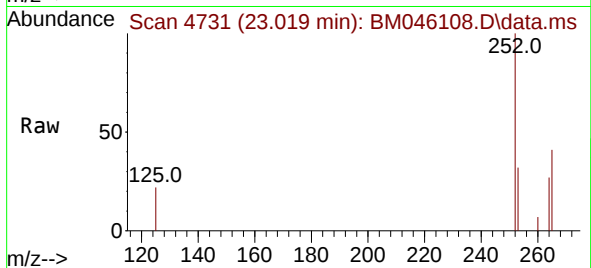
A4BN7DL

Tgt Ion:	252	Resp:	1452
Ion Ratio	Lower	Upper	
252	100		
253	32.1	32.1	48.1
125	21.8	21.2	31.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.392 ng/ul

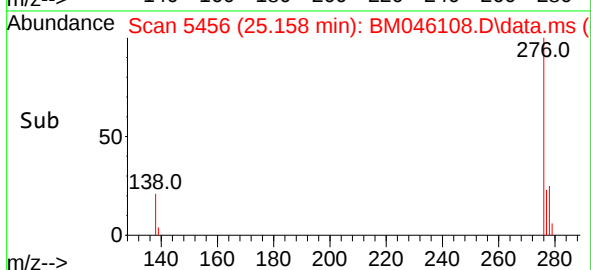
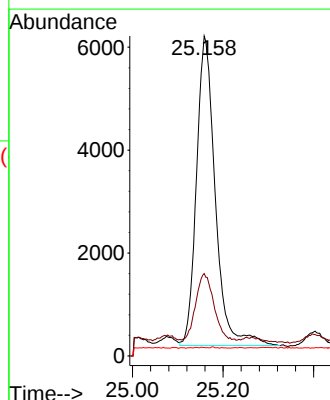
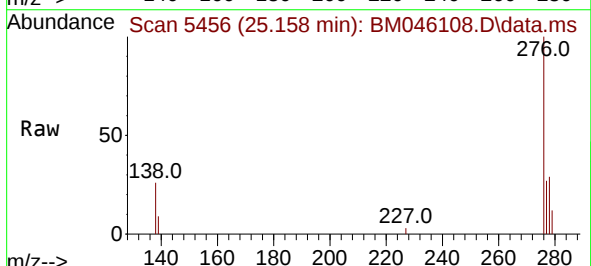
RT: 25.158 min Scan# 5456

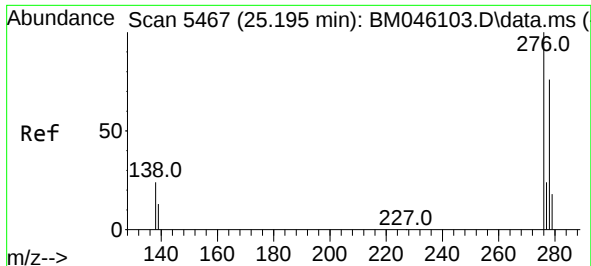
Delta R.T. -0.044 min

Lab File: BM046108.D

Acq: 20 Jun 2024 05:09

Tgt Ion:	276	Resp:	17336
Ion Ratio	Lower	Upper	
276	100		
138	21.4	21.0	31.4
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.160 ng/ul

RT: 25.162 min Scan# 54

Delta R.T. -0.054 min

Lab File: BM046108.D

Acq: 20 Jun 2024 05:09

Instrument :

BNA_M

ClientSampleId :

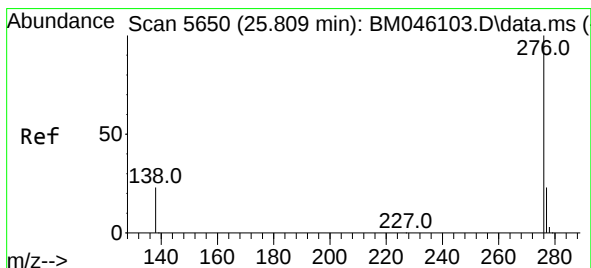
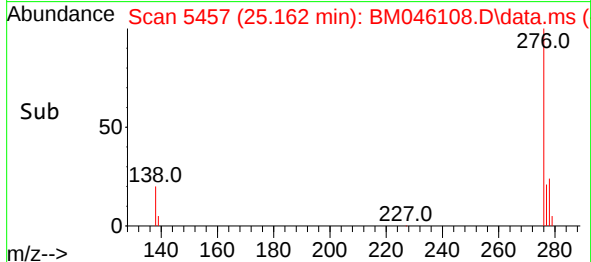
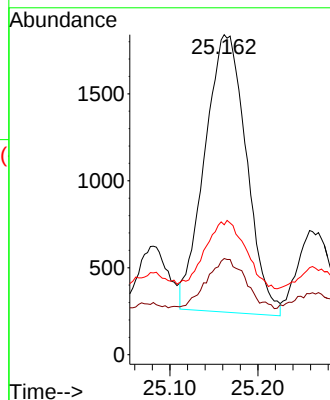
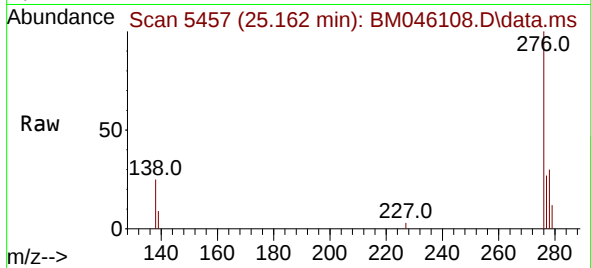
A4BN7DL

Tgt Ion:278	Resp:	525
Ion Ratio	Lower	Upper
278	100	
139	30.1	17.6 26.4
279	40.6	26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#29

Benzo(g,h,i)perylene

Concen: 0.067 ng/ul

RT: 25.785 min Scan# 5643

Delta R.T. -0.044 min

Lab File: BM046108.D

Acq: 20 Jun 2024 05:09

Tgt Ion:276	Resp:	2555
Ion Ratio	Lower	Upper
276	100	
138	43.4	21.7 32.5
277	36.5	20.4 30.6

