

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046143.D
 Acq On : 21 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2710-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B27DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 04:25:17 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	7.430	152	3083	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.221	136	8659	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.076	164	4987	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.824	188	9870	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	8026	0.400	ng/ul	-0.02
23) Perylene-d12	23.112	264	9113m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	3468	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	631	0.054	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1466	0.061	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	695	0.029	ng/ul#	62
8) 1-Methylnaphthalene	12.135	142	350	0.023	ng/ul	97
10) Acenaphthylene	13.799	152	741	0.031	ng/ul#	65
11) Acenaphthene	14.141	153	1221	0.072	ng/ul	98
12) Fluorene	15.140	166	1132	0.062	ng/ul#	95
15) Phenanthrene	16.862	178	24663	0.889	ng/ul	97
16) Anthracene	16.955	178	3534	0.171	ng/ul#	92
19) Fluoranthene	18.881	202	29114	0.838	ng/ul	98
20) Pyrene	19.244	202	34385	0.915	ng/ul	98
21) Benzo(a)anthracene	21.005	228	12187	0.393	ng/ul	98
22) Chrysene	21.058	228	13792	0.349	ng/ul	98
24) Benzo(b)fluoranthene	22.495	252	15702m	0.478	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	5306m	0.136	ng/ul	
26) Benzo(a)pyrene	23.019	252	11842m	0.389	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.168	276	8039	0.161	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.172	278	1874	0.051	ng/ul#	58
29) Benzo(g,h,i)perylene	25.789	276	8808	0.206	ng/ul	98

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

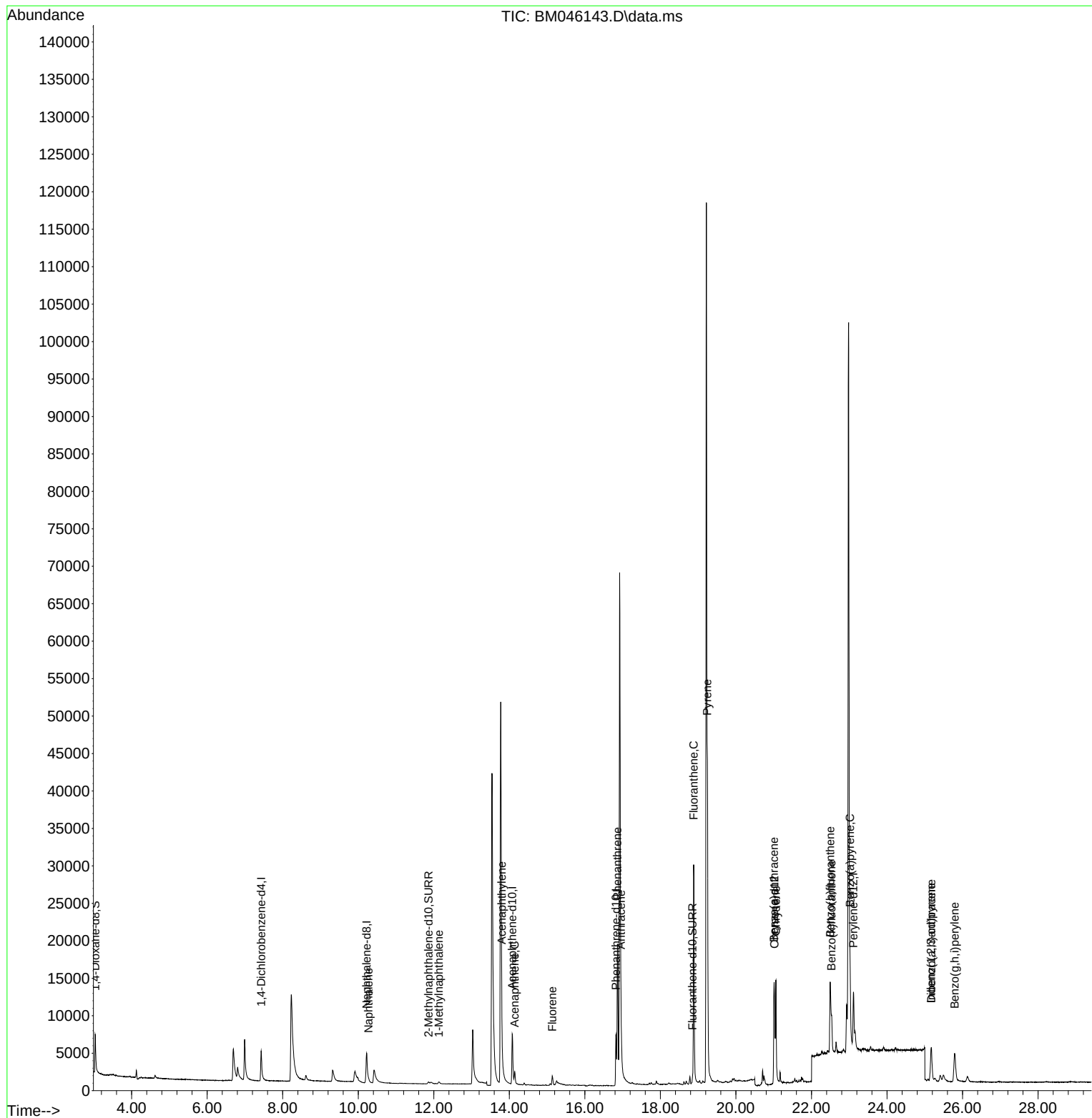
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
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ALS Vial : 32 Sample Multiplier: 1

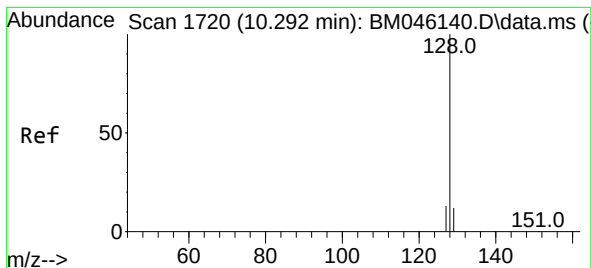
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QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.029 ng/ul

RT: 10.271 min Scan# 1716

Delta R.T. -0.032 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Instrument :

BNA_M

ClientSampleId :

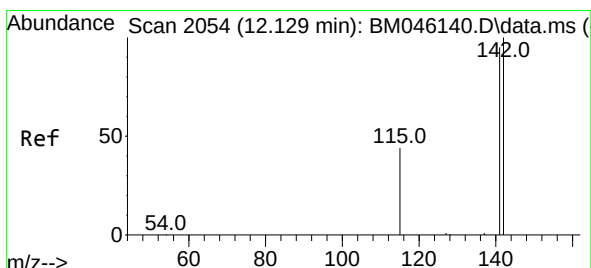
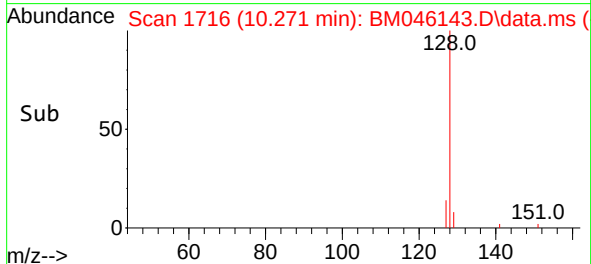
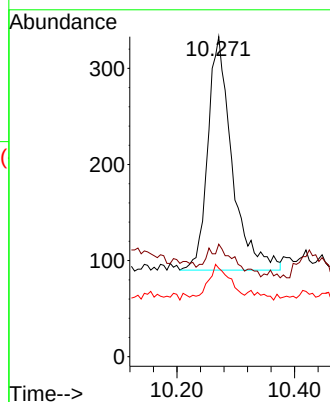
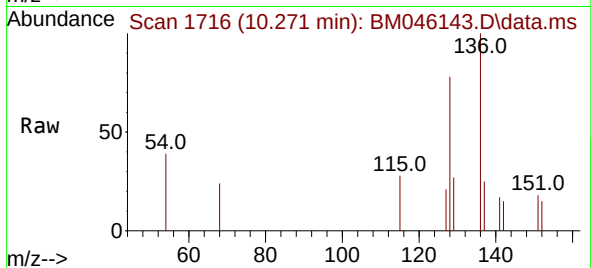
A4B27DL

Tgt Ion:	128	Resp:	69
Ion Ratio	Lower	Upper	
128	100		
129	35.1	11.8	17.6
127	27.6	12.8	19.2

Manual Integrations

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#8

1-Methylnaphthalene

Concen: 0.023 ng/ul

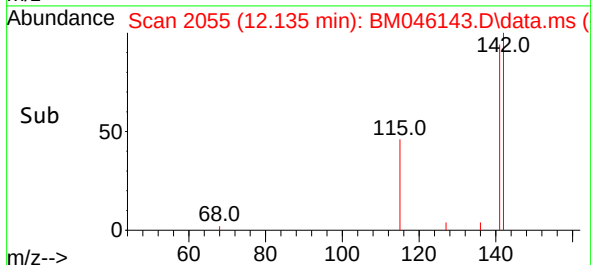
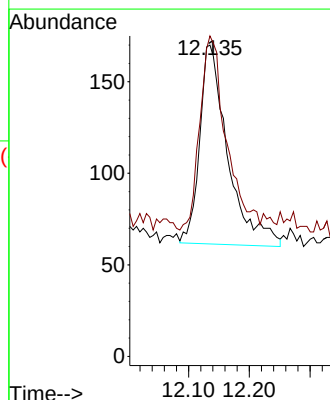
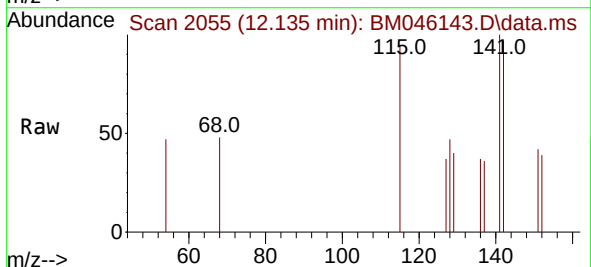
RT: 12.135 min Scan# 2055

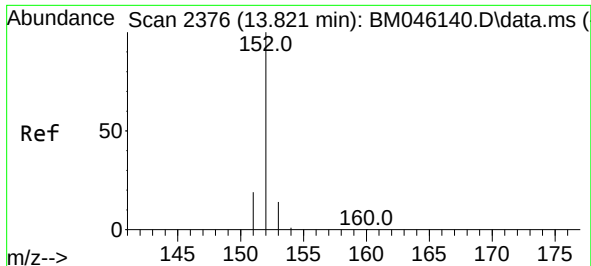
Delta R.T. -0.015 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

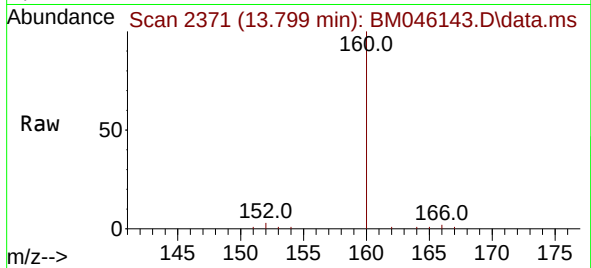
Tgt Ion:	142	Resp:	350
Ion Ratio	Lower	Upper	
142	100		
141	90.9	75.2	112.8





#10
Acenaphthylene
Concen: 0.031 ng/u1
RT: 13.799 min Scan# 21
Delta R.T. -0.036 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

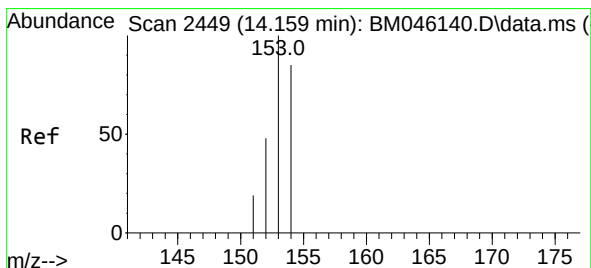
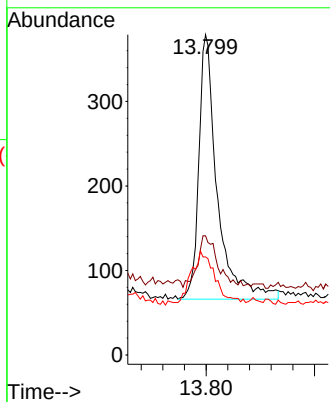
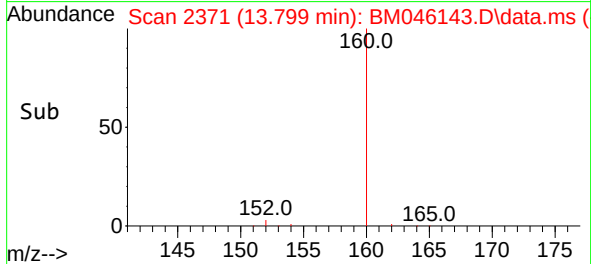
Instrument :
BNA_M
ClientSampleId :
A4B27DL



Tgt Ion:152 Resp: 74
Ion Ratio Lower Upper
152 100
151 37.2 17.4 26.2
153 30.6 11.8 17.8

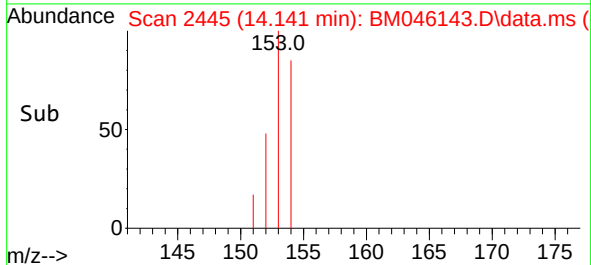
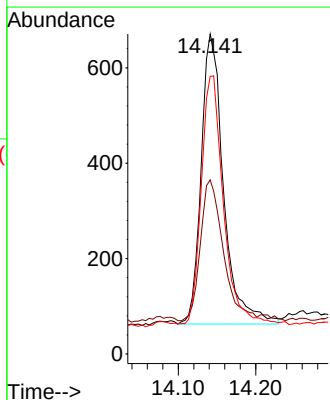
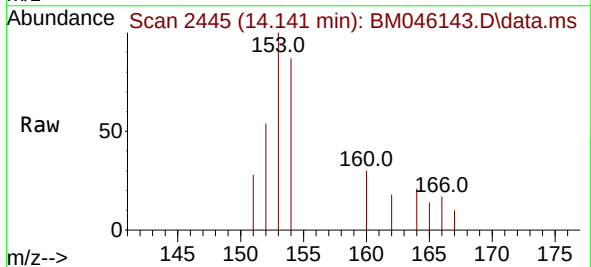
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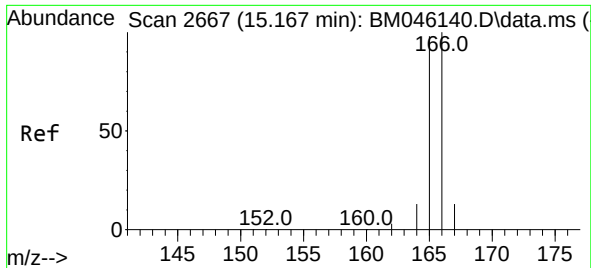
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 0.072 ng/u1
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

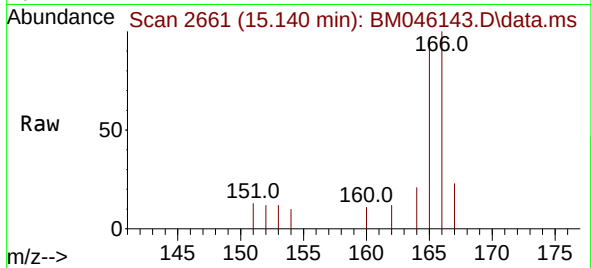
Tgt Ion:153 Resp: 1221
Ion Ratio Lower Upper
153 100
152 54.4 41.3 61.9
154 86.7 68.2 102.4





#12
Fluorene
Concen: 0.062 ng/u1
RT: 15.140 min Scan# 2061
Delta R.T. -0.040 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

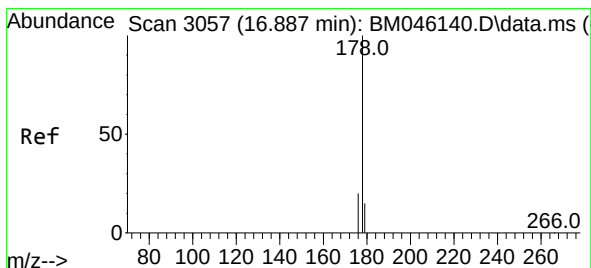
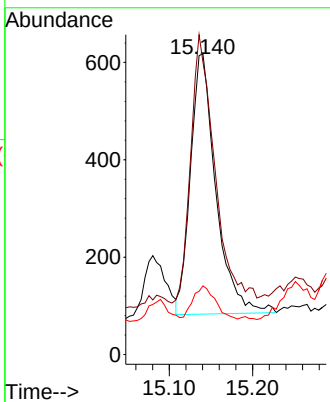
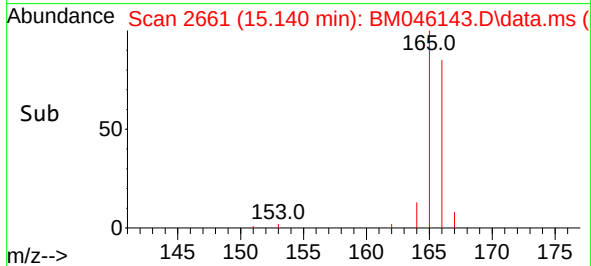
Instrument :
BNA_M
ClientSampleId :
A4B27DL



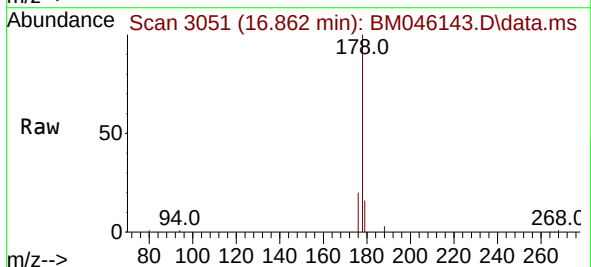
Tgt Ion:166 Resp: 113
Ion Ratio Lower Upper
166 100
165 97.2 80.4 120.6
167 22.8 12.4 18.6

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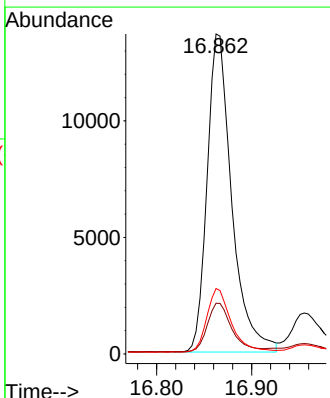
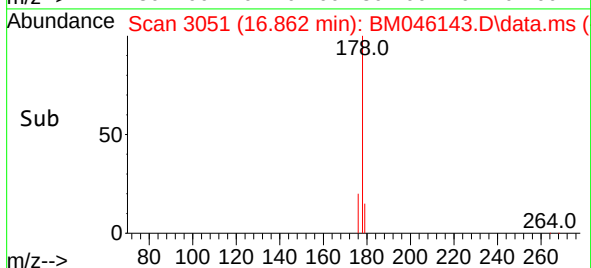
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

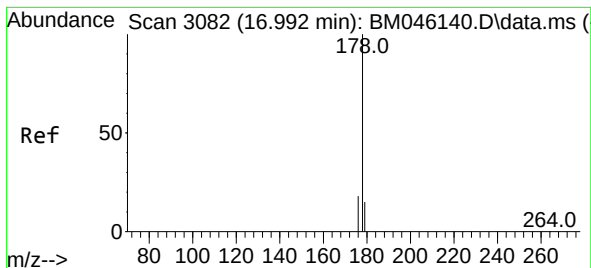


#15
Phenanthrene
Concen: 0.889 ng/u1
RT: 16.862 min Scan# 3051
Delta R.T. -0.041 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54



Tgt Ion:178 Resp: 24663
Ion Ratio Lower Upper
178 100
179 15.9 14.2 21.2
176 20.5 17.1 25.7





#16

Anthracene

Concen: 0.171 ng/ul

RT: 16.955 min Scan# 3082

Delta R.T. -0.049 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Instrument :

BNA_M

ClientSampleId :

A4B27DL

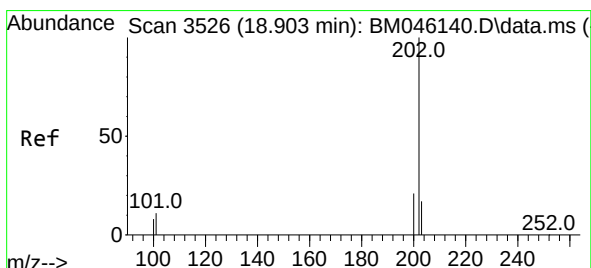
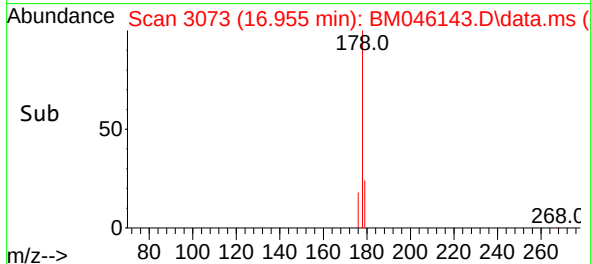
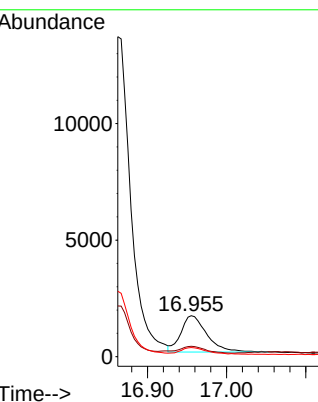
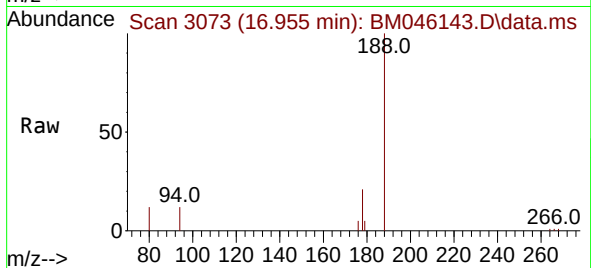
Tgt Ion:178 Resp: 3534

Ion	Ratio	Lower	Upper
178	100		
179	25.4	14.9	22.3
176	22.3	17.0	25.4

Manual Integrations

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#19

Fluoranthene

Concen: 0.838 ng/ul

RT: 18.881 min Scan# 3521

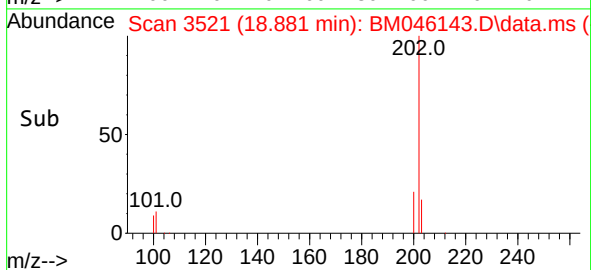
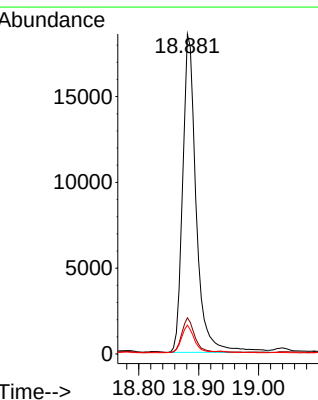
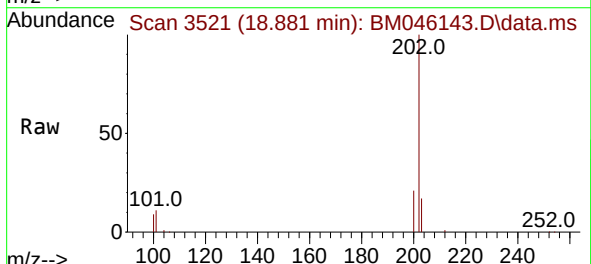
Delta R.T. -0.036 min

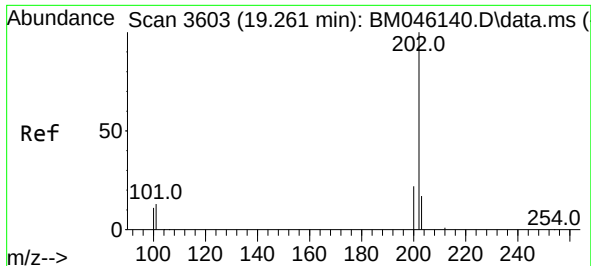
Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Tgt Ion:202 Resp: 29114

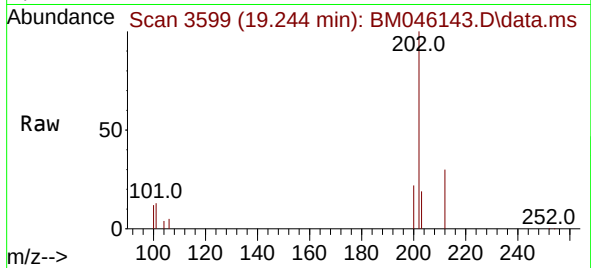
Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.6	14.4
100	9.0	7.6	11.4





#20
Pyrene
Concen: 0.915 ng/ul
RT: 19.244 min Scan# 3599
Delta R.T. -0.031 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

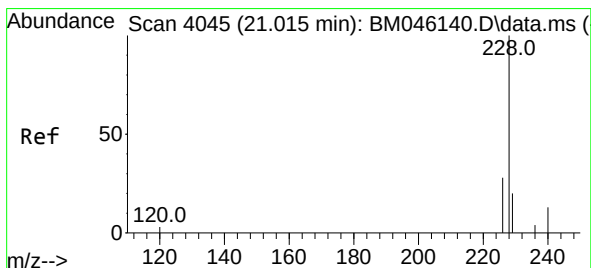
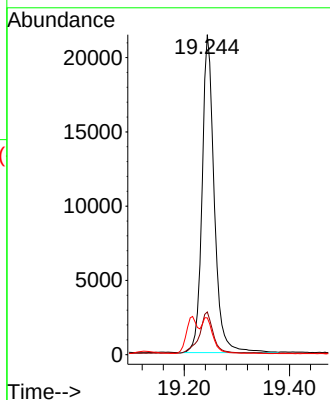
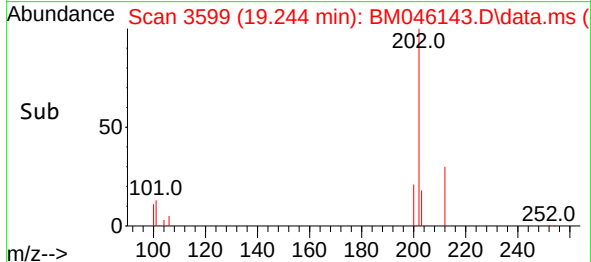
Instrument :
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ClientSampleId :
A4B27DL



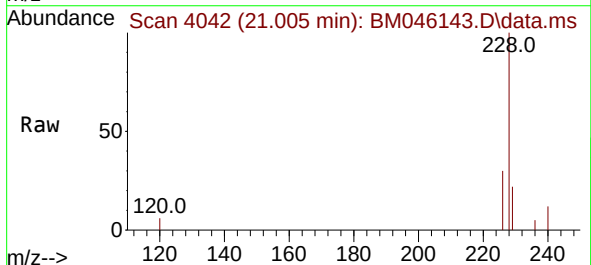
Tgt Ion:202 Resp: 3438
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 11.5 9.8 14.6

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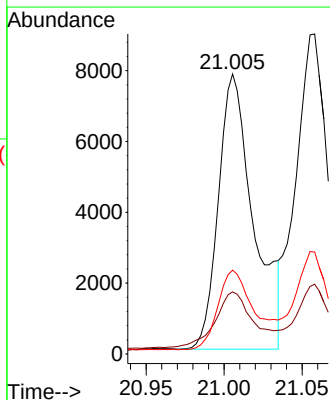
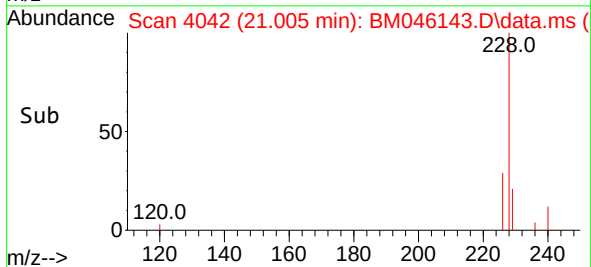
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

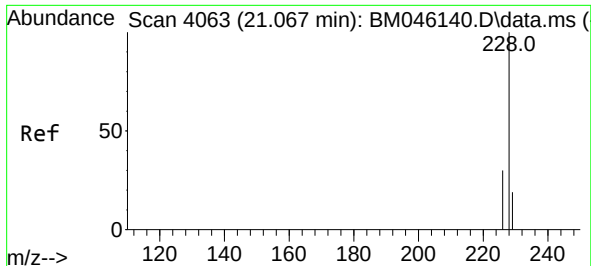


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.005 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54



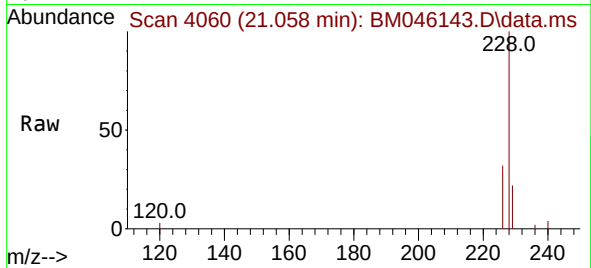
Tgt Ion:228 Resp: 12187
Ion Ratio Lower Upper
228 100
229 22.2 16.4 24.6
226 29.9 23.4 35.2





#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

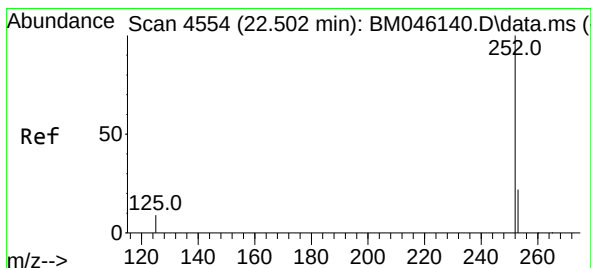
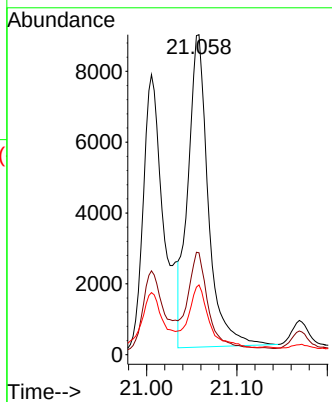
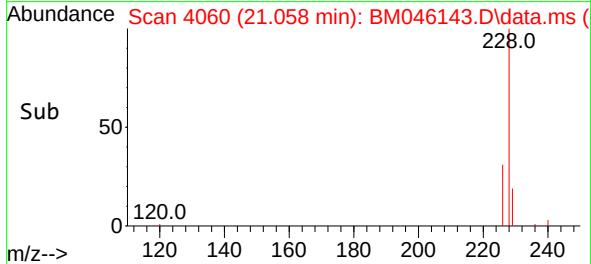
Instrument :
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Tgt Ion:228 Resp: 13792
Ion Ratio Lower Upper
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226 31.8 25.2 37.8
229 21.8 16.3 24.5

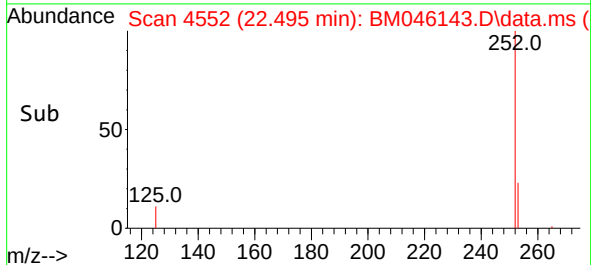
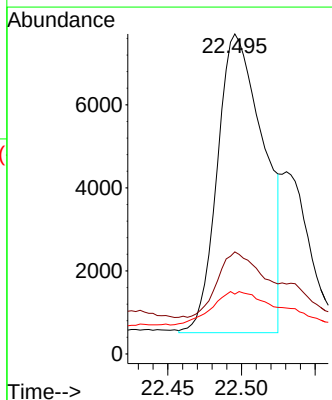
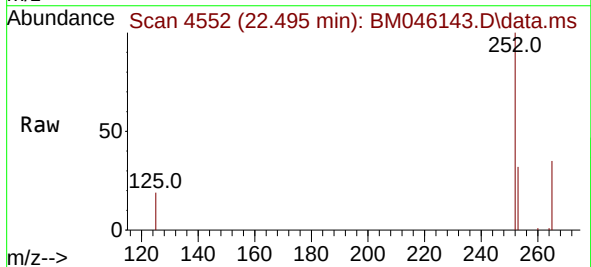
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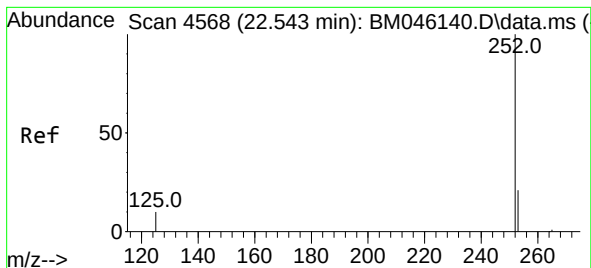
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#24
Benzo(b)fluoranthene
Concen: 0.478 ng/ul m
RT: 22.495 min Scan# 4552
Delta R.T. -0.024 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

Tgt Ion:252 Resp: 15702
Ion Ratio Lower Upper
252 100
253 31.9 0.0 65.8
125 18.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.136 ng/ul m

RT: 22.531 min Scan# 4564

Delta R.T. -0.033 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Instrument :

BNA_M

ClientSampleId :

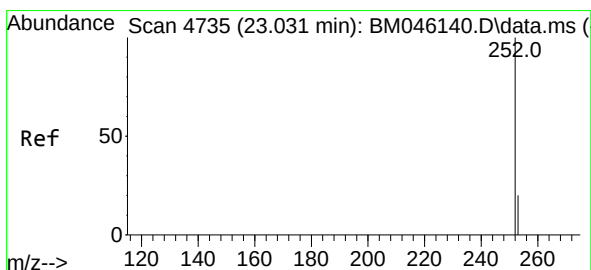
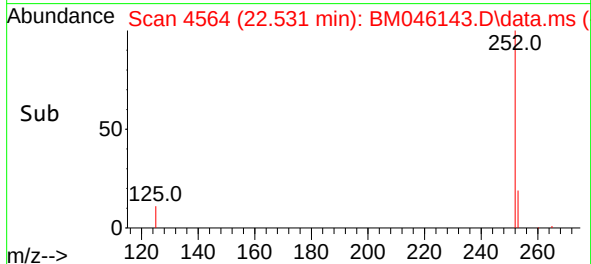
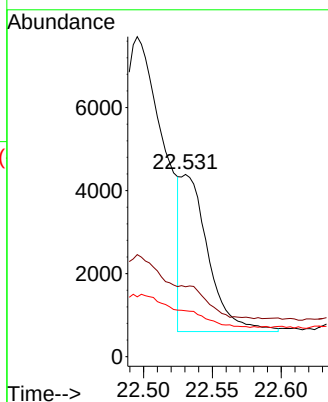
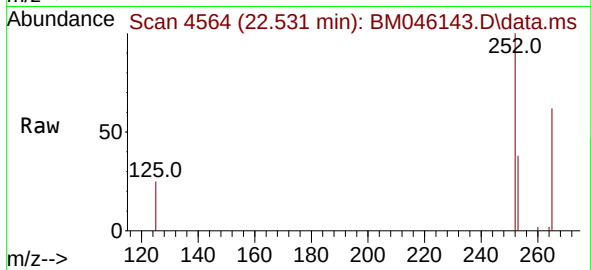
A4B27DL

Tgt Ion:	252	Resp:	5300
Ion Ratio	Lower	Upper	
252	100		
253	38.4	27.2	40.8
125	25.2	16.6	25.0

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#26

Benzo(a)pyrene

Concen: 0.389 ng/ul m

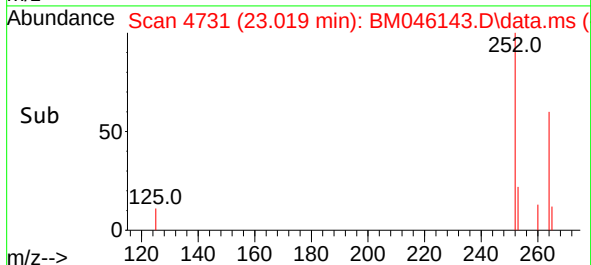
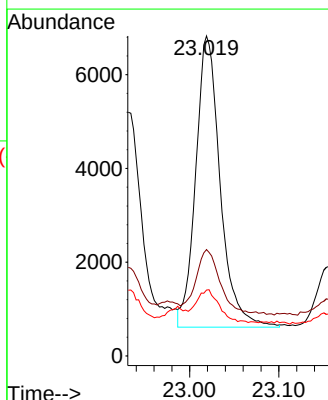
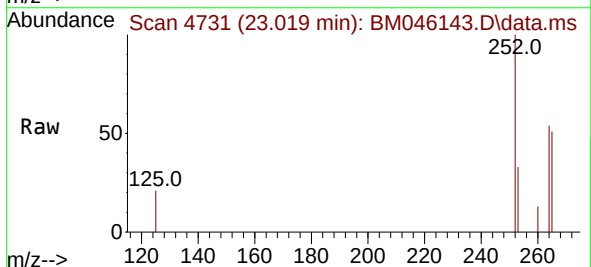
RT: 23.019 min Scan# 4731

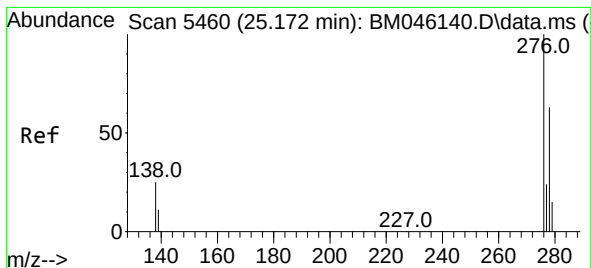
Delta R.T. -0.036 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Tgt Ion:	252	Resp:	11842
Ion Ratio	Lower	Upper	
252	100		
253	33.2	32.1	48.1
125	20.6	21.2	31.8





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.161 ng/ul

RT: 25.168 min Scan# 5459

Delta R.T. -0.034 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

Instrument :

BNA_M

ClientSampleId :

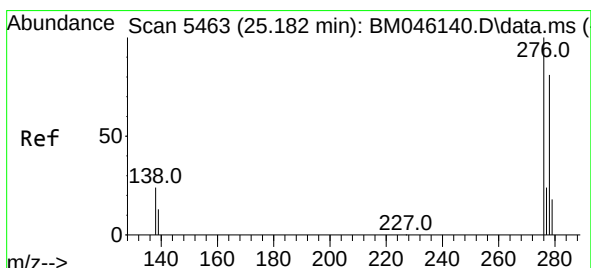
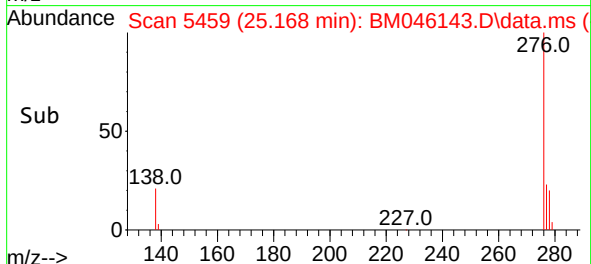
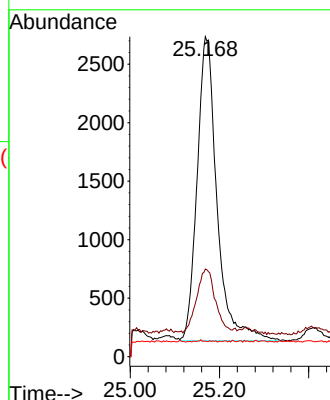
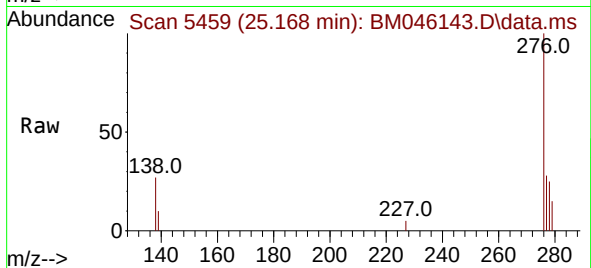
A4B27DL

Tgt Ion:	276	Resp:	8039
Ion Ratio	Lower	Upper	
276	100		
138	19.7	21.0	31.4#
227	0.2	0.0	0.0#

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#28

Dibenzo(a,h)anthracene

Concen: 0.051 ng/ul

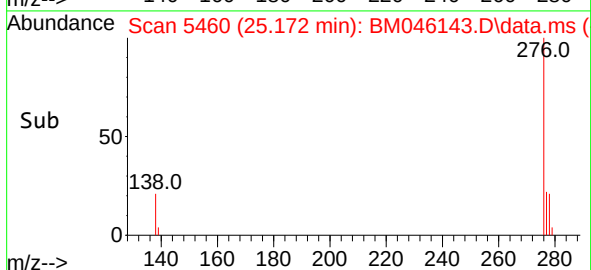
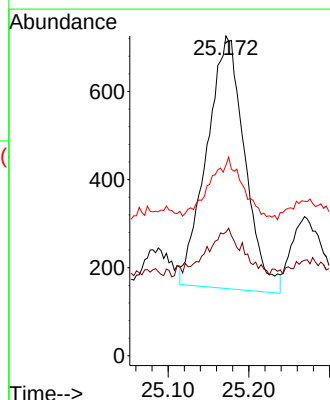
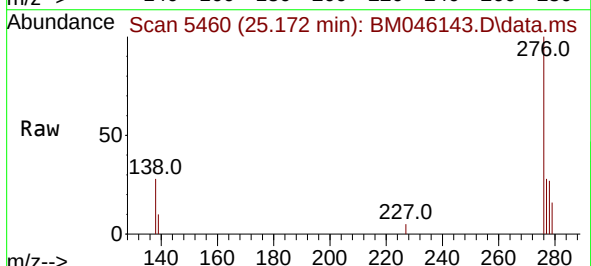
RT: 25.172 min Scan# 5460

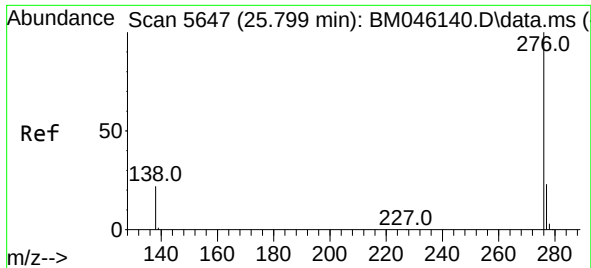
Delta R.T. -0.044 min

Lab File: BM046143.D

Acq: 21 Jun 2024 03:54

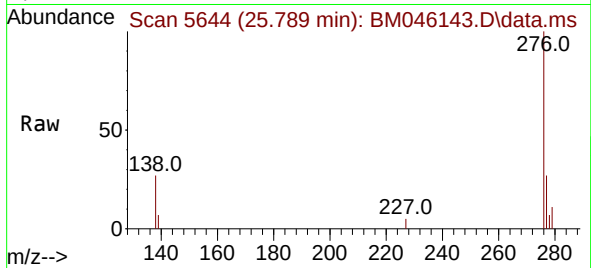
Tgt Ion:	278	Resp:	1874
Ion Ratio	Lower	Upper	
278	100		
139	38.7	17.6	26.4#
279	59.6	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.206 ng/ul
RT: 25.789 min Scan# 50
Delta R.T. -0.041 min
Lab File: BM046143.D
Acq: 21 Jun 2024 03:54

Instrument :
BNA_M
ClientSampleId :
A4B27DL



Tgt Ion:276 Resp: 880
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 27.5 20.4 30.6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

