

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046138.D
 Acq On : 21 Jun 2024 00:16
 Operator : MA/JU
 Sample : P2710-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM4

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 02:49:59 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	7.421	152	2548	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	7541	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164	4119	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	8515m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.017	240	6810m	0.400	ng/ul	-0.03
23) Perylene-d12	23.109	264	7310m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	12546	3.589	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.827	152	2515	0.248	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	5363	0.263	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	555	0.026	ng/ul#	49
10) Acenaphthylene	13.790	152	1384	0.071	ng/ul#	81
11) Acenaphthene	14.132	153	294	0.021	ng/ul#	91
12) Fluorene	15.127	166	420	0.028	ng/ul#	94
15) Phenanthrene	16.854	178	8467m	0.354	ng/ul	
16) Anthracene	16.947	178	1870m	0.105	ng/ul	
19) Fluoranthene	18.881	202	18771	0.637	ng/ul	97
20) Pyrene	19.239	202	17501	0.549	ng/ul	98
21) Benzo(a)anthracene	21.003	228	9182m	0.349	ng/ul	
22) Chrysene	21.052	228	9938	0.296	ng/ul	97
24) Benzo(b)fluoranthene	22.490	252	15745m	0.598	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	5462m	0.174	ng/ul	
26) Benzo(a)pyrene	23.016	252	9858	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.162	276	8686	0.217	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.165	278	1961	0.066	ng/ul#	36
29) Benzo(g,h,i)perylene	25.785	276	9463	0.276	ng/ul	96

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

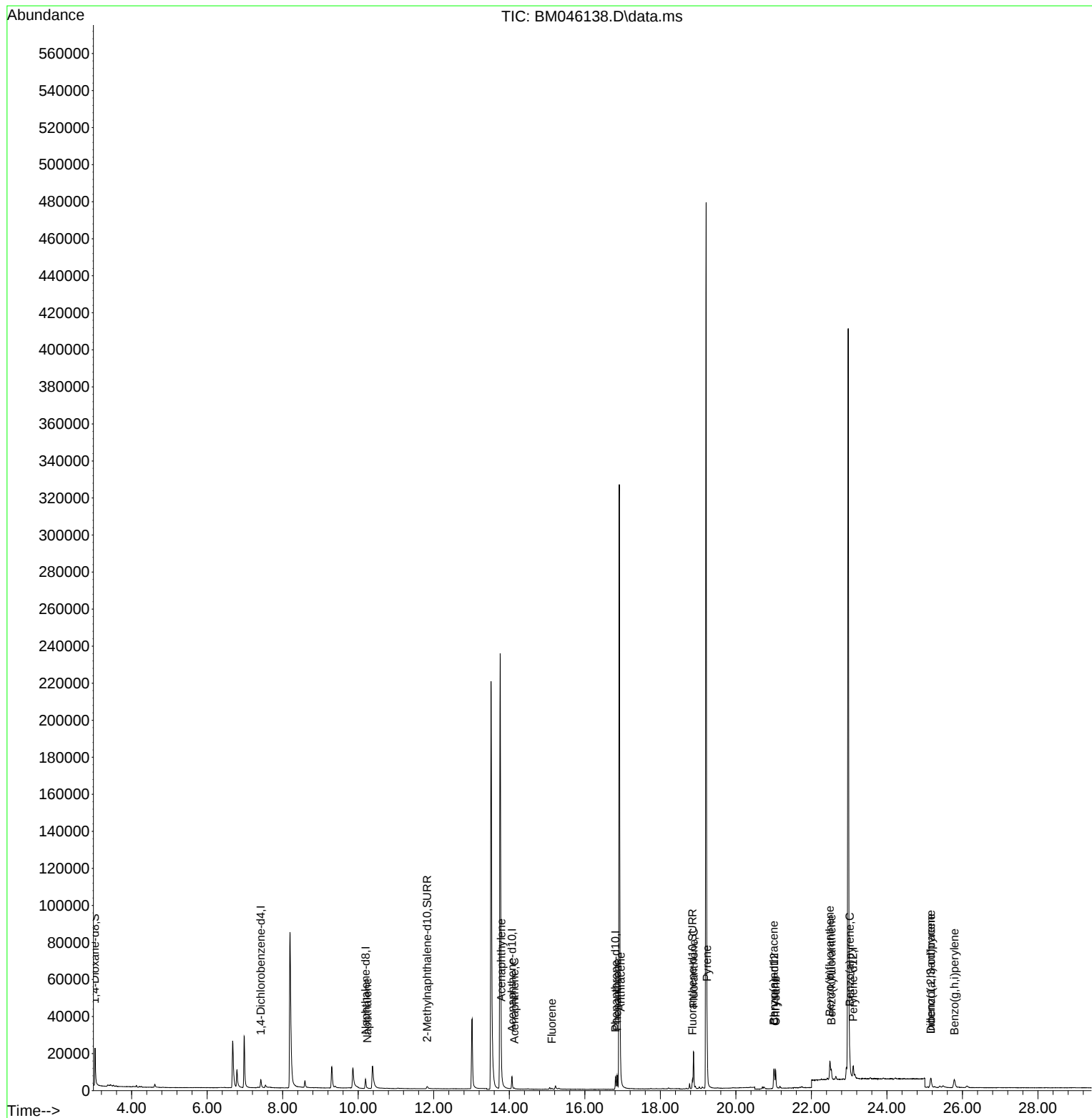
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
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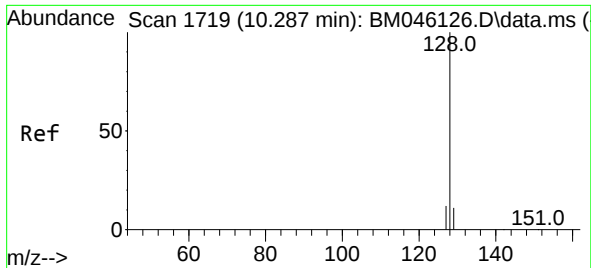
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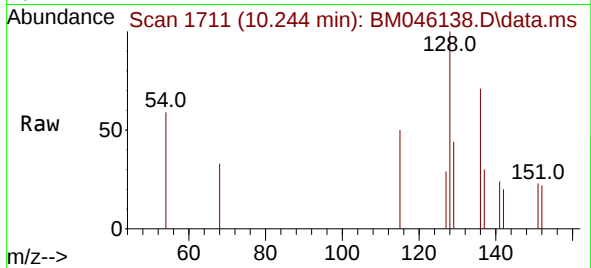
Quant Time: Jun 21 02:49:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.026 ng/u1
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

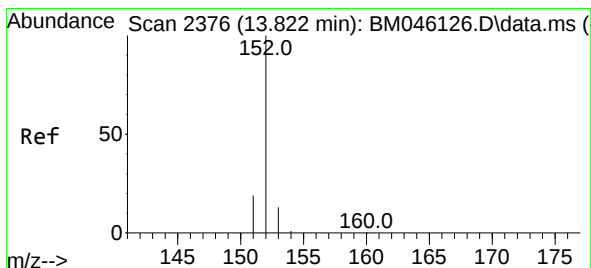
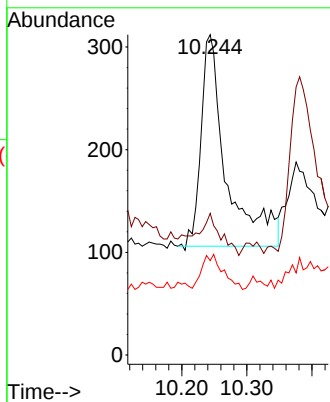
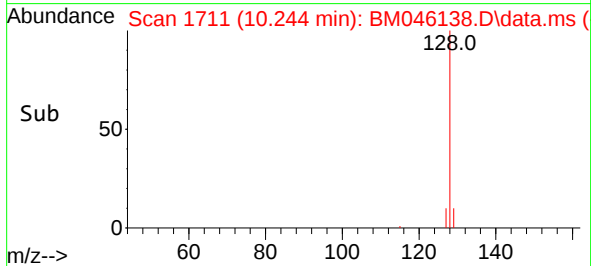
Instrument :
BNA_M
ClientSampleId :
A4BM4



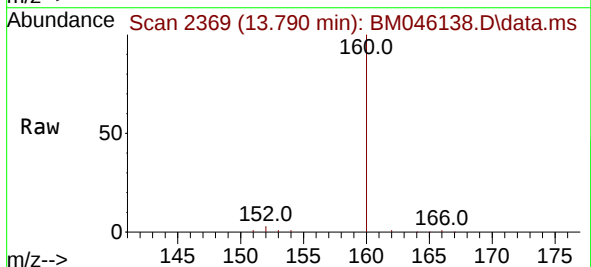
Tgt Ion:128 Resp: 558
Ion Ratio Lower Upper
128 100
129 44.2 11.8 17.6#
127 29.5 12.8 19.2#

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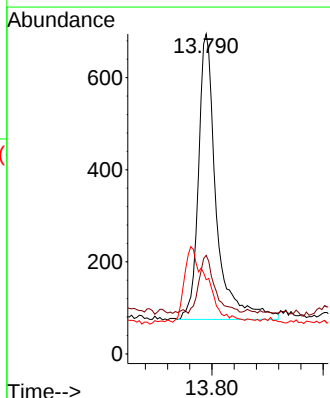
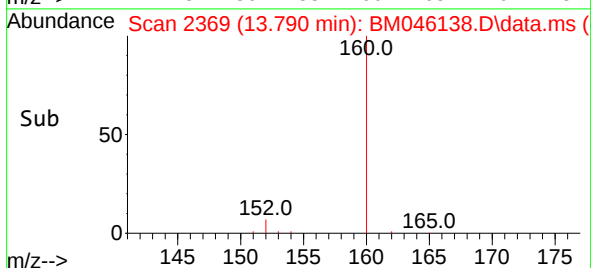
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

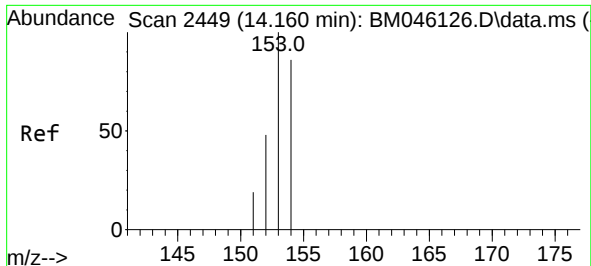


#10
Acenaphthylene
Concen: 0.071 ng/u1
RT: 13.790 min Scan# 2369
Delta R.T. -0.045 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



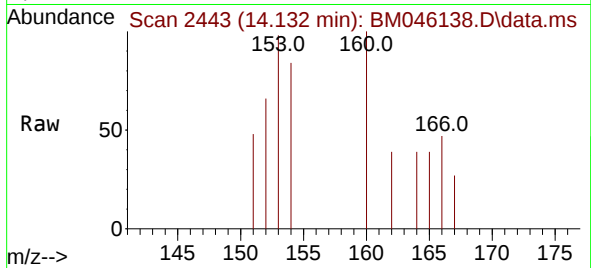
Tgt Ion:152 Resp: 1384
Ion Ratio Lower Upper
152 100
151 30.8 17.4 26.2#
153 23.2 11.8 17.8#





#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.132 min Scan# 2443
Delta R.T. -0.040 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

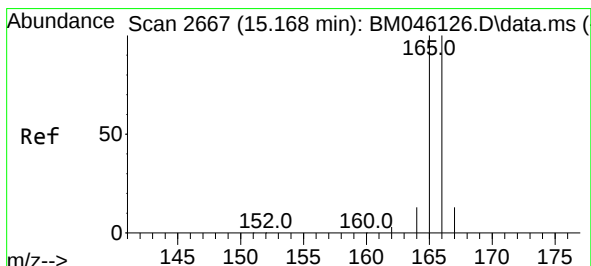
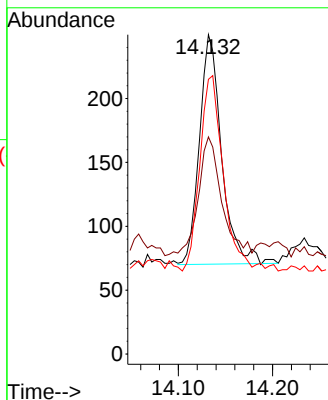
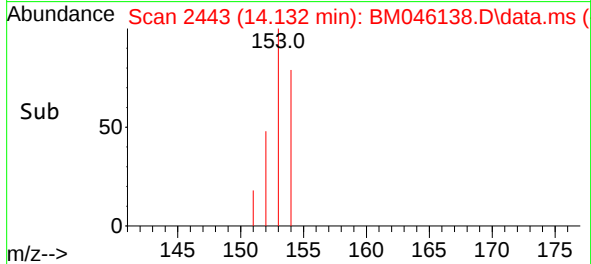
Instrument :
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Tgt Ion:153 Resp: 294
Ion Ratio Lower Upper
153 100
152 68.0 41.3 61.9
154 86.0 68.2 102.4

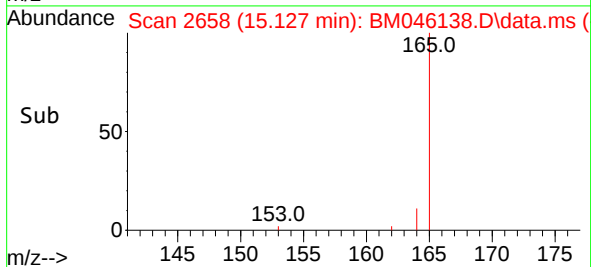
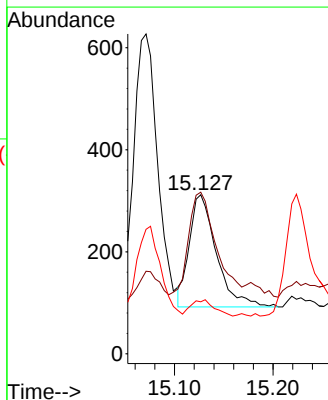
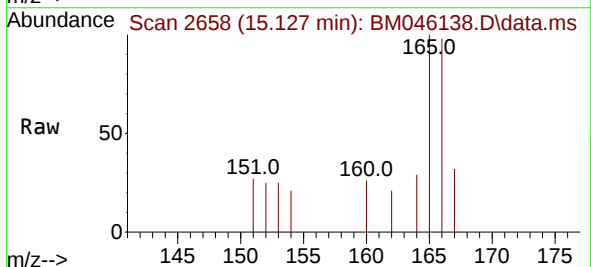
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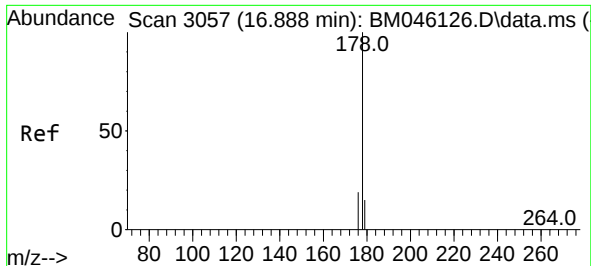
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

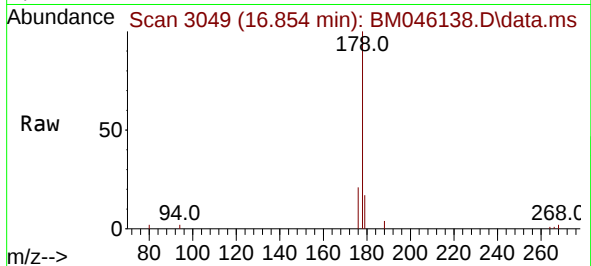
Tgt Ion:166 Resp: 420
Ion Ratio Lower Upper
166 100
165 101.6 80.4 120.6
167 32.7 12.4 18.6#





#15
Phenanthrene
Concen: 0.354 ng/ul m
RT: 16.854 min Scan# 3049
Delta R.T. -0.049 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

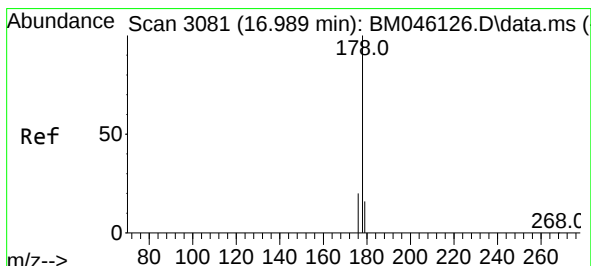
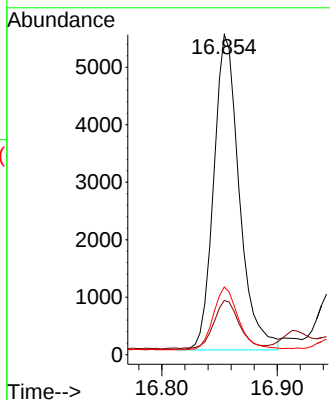
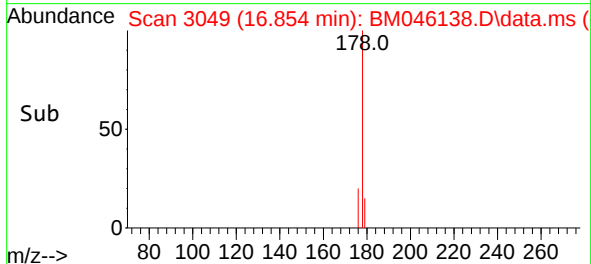
Instrument :
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ClientSampleId :
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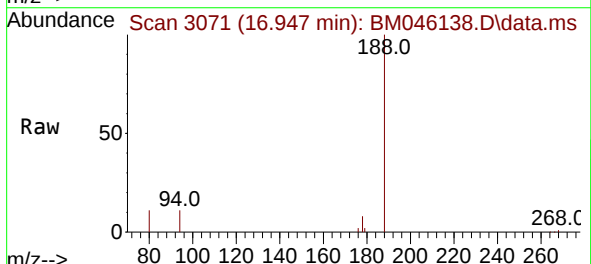
Tgt Ion:178 Resp: 846
Ion Ratio Lower Upper
178 100
179 16.9 14.2 21.2
176 21.1 17.1 25.7

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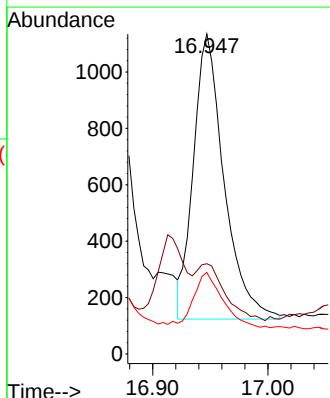
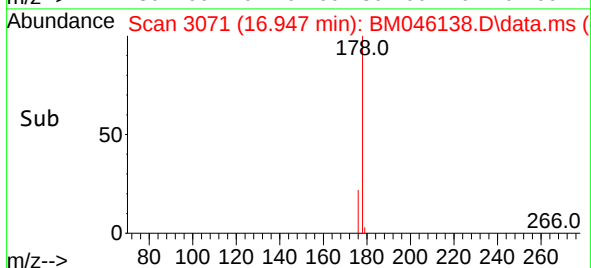
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

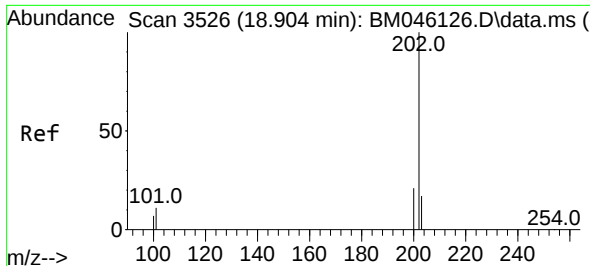


#16
Anthracene
Concen: 0.105 ng/ul m
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



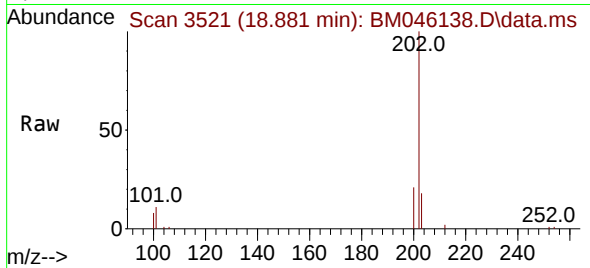
Tgt Ion:178 Resp: 1870
Ion Ratio Lower Upper
178 100
179 28.2 14.9 22.3#
176 25.5 17.0 25.4#





#19
Fluoranthene
Concen: 0.637 ng/u1
RT: 18.881 min Scan# 31
Delta R.T. -0.036 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

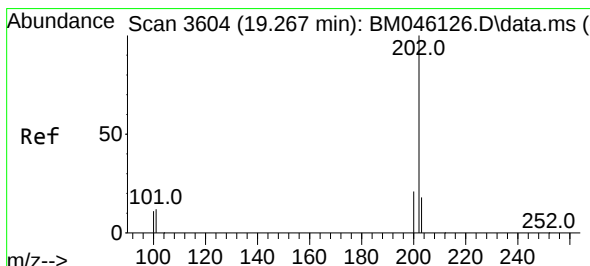
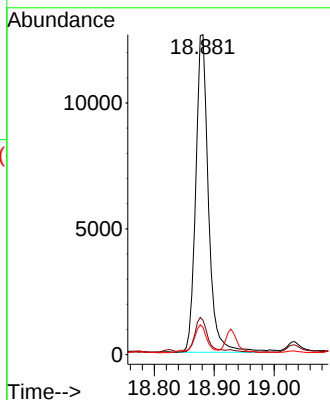
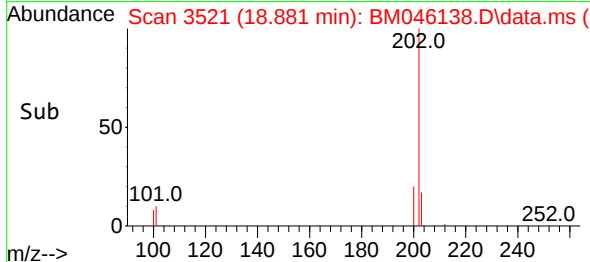
Instrument :
BNA_M
ClientSampleId :
A4BM4



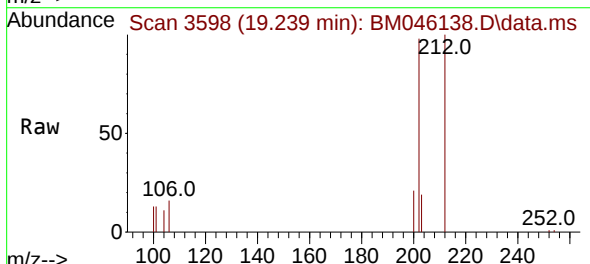
Tgt Ion:202 Resp: 1877
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.5 7.6 11.4

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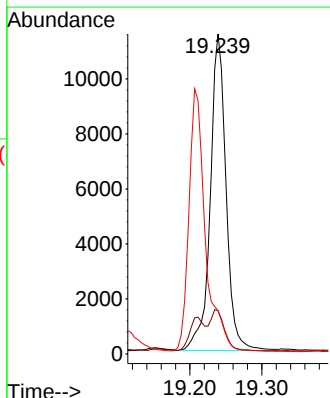
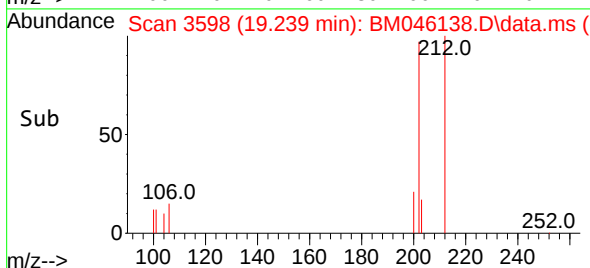
Reviewed By :Jagrut Upadhyay 06/21/2024
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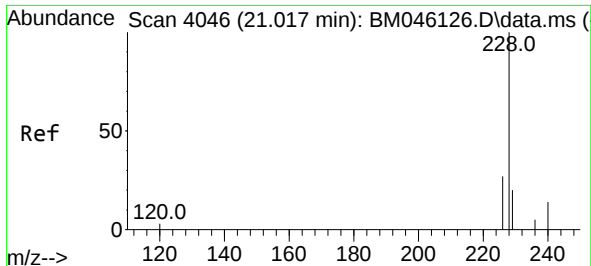


#20
Pyrene
Concen: 0.549 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



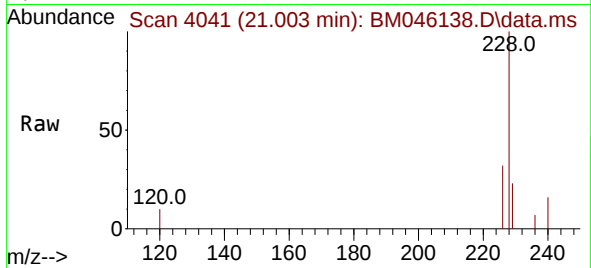
Tgt Ion:202 Resp: 17501
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 13.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.349 ng/ul m
RT: 21.003 min Scan# 4046
Delta R.T. -0.027 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

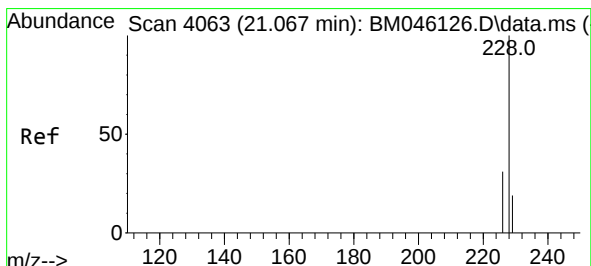
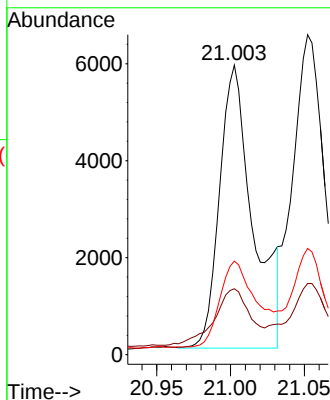
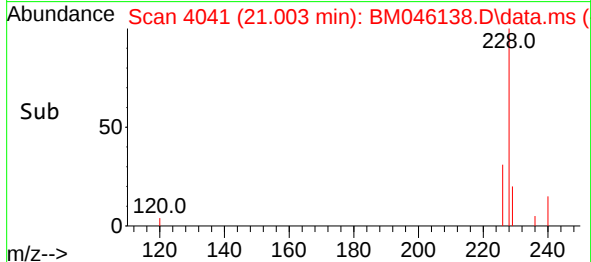
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ClientSampleId :
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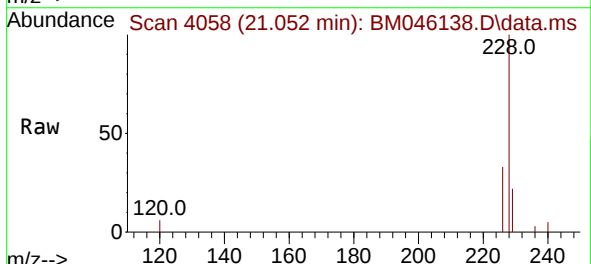
Tgt Ion:228 Resp: 9182
Ion Ratio Lower Upper
228 100
229 22.8 16.4 24.6
226 32.3 23.4 35.2

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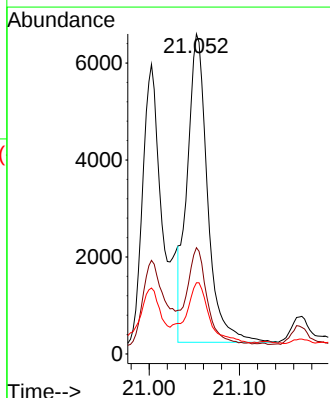
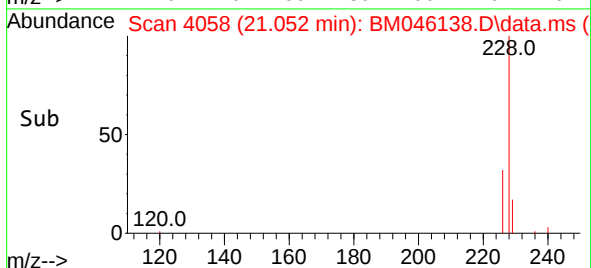
Reviewed By :Jagrut Upadhyay 06/21/2024
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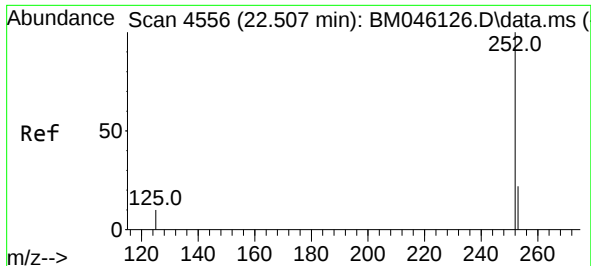


#22
Chrysene
Concen: 0.296 ng/ul
RT: 21.052 min Scan# 4058
Delta R.T. -0.024 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



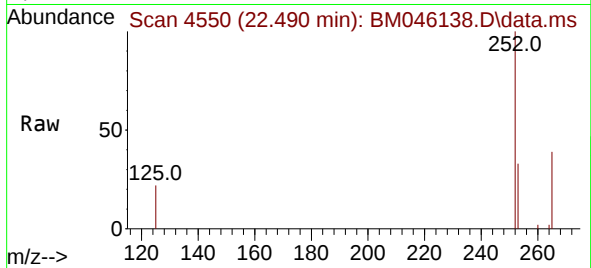
Tgt Ion:228 Resp: 9938
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 22.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.598 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.030 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

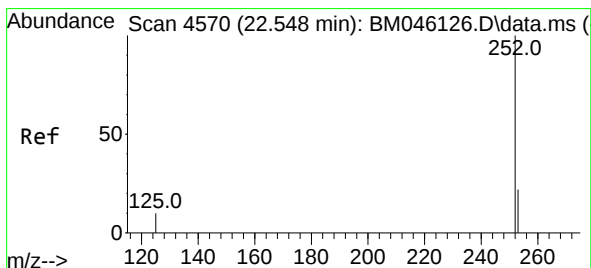
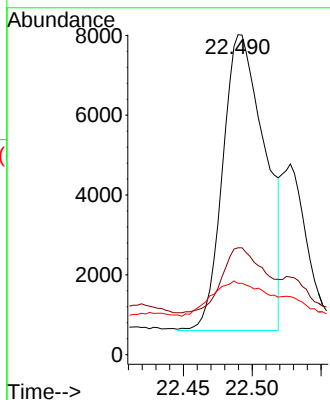
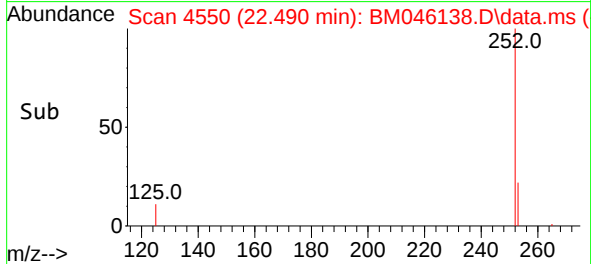
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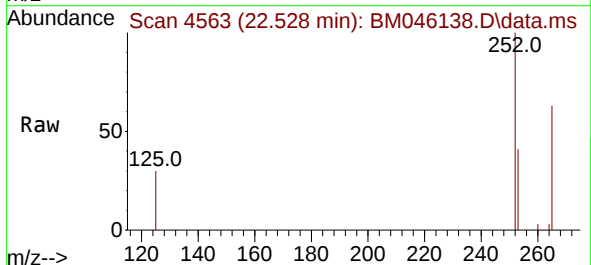
Tgt Ion:252 Resp: 15749
Ion Ratio Lower Upper
252 100
253 33.4 0.0 65.8
125 22.3 0.0 40.2

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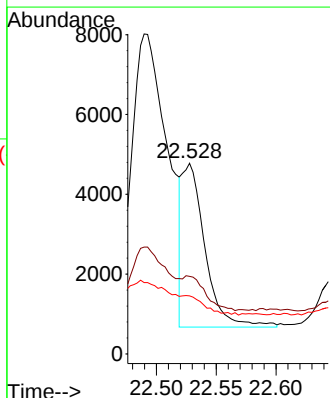
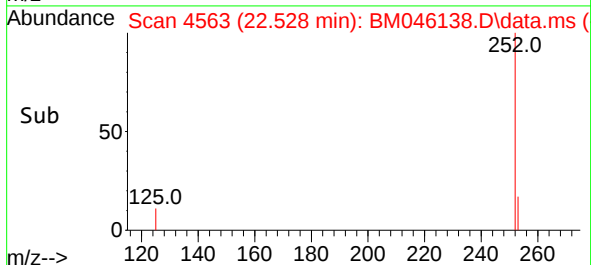
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

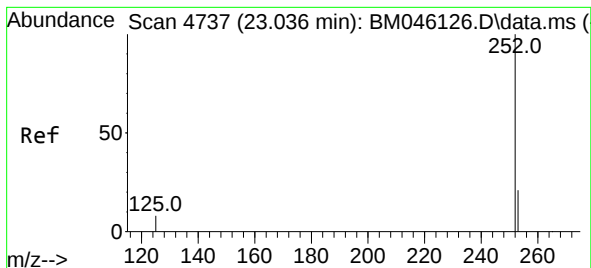


#25
Benzo(k)fluoranthene
Concen: 0.174 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.036 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



Tgt Ion:252 Resp: 5462
Ion Ratio Lower Upper
252 100
253 40.7 27.2 40.8
125 30.5 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 0.404 ng/ul

RT: 23.016 min Scan# 41

Delta R.T. -0.039 min

Lab File: BM046138.D

Acq: 21 Jun 2024 00:16

Instrument :

BNM_M

ClientSampleId :

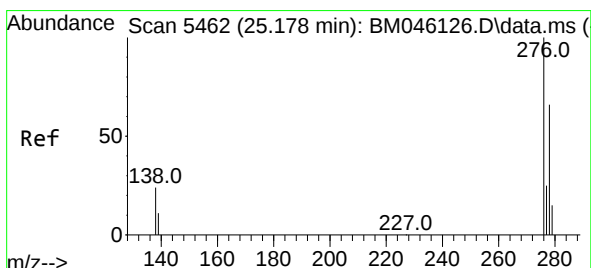
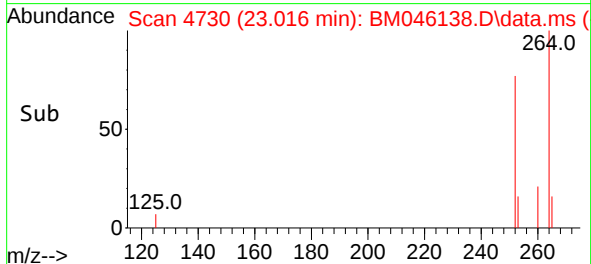
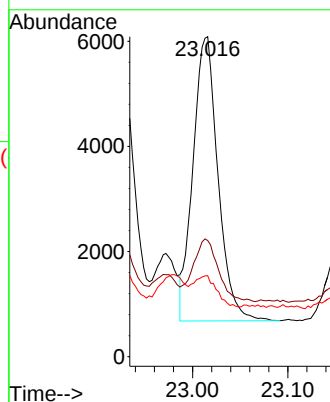
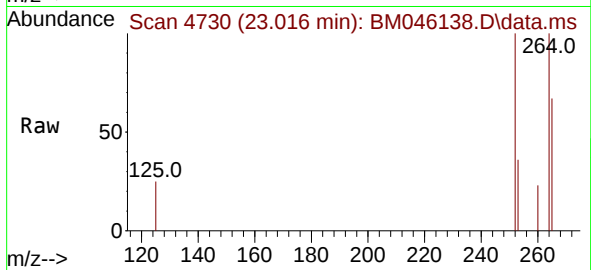
A4BM4

Tgt Ion:	252	Resp:	985
Ion Ratio	Lower	Upper	
252	100		
253	36.3	32.1	48.1
125	25.3	21.2	31.8

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.217 ng/ul

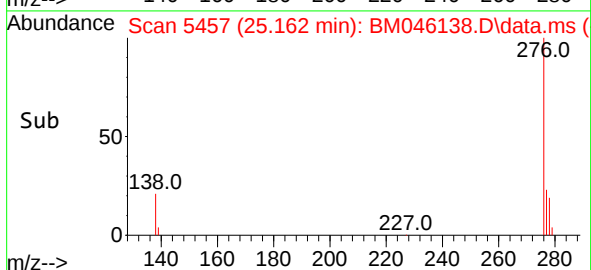
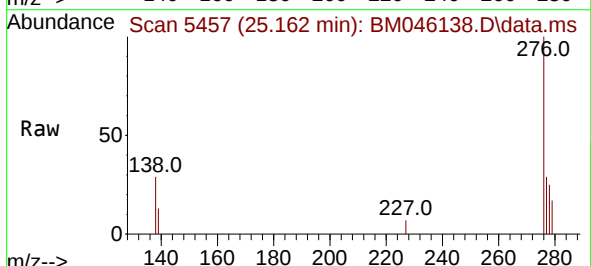
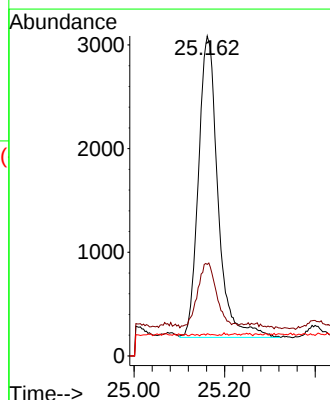
RT: 25.162 min Scan# 5457

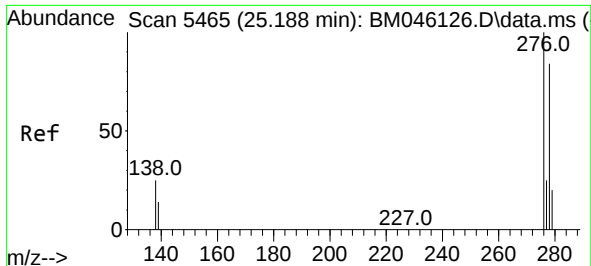
Delta R.T. -0.041 min

Lab File: BM046138.D

Acq: 21 Jun 2024 00:16

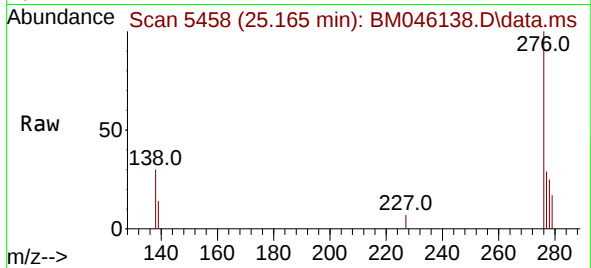
Tgt Ion:	276	Resp:	8686
Ion Ratio	Lower	Upper	
276	100		
138	21.6	21.0	31.4
227	0.1	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.066 ng/ul
RT: 25.165 min Scan# 5465
Delta R.T. -0.051 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16

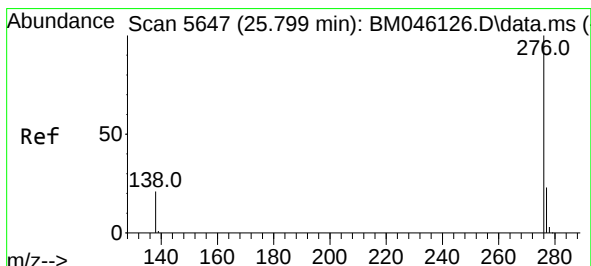
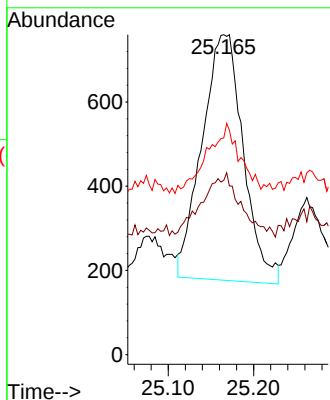
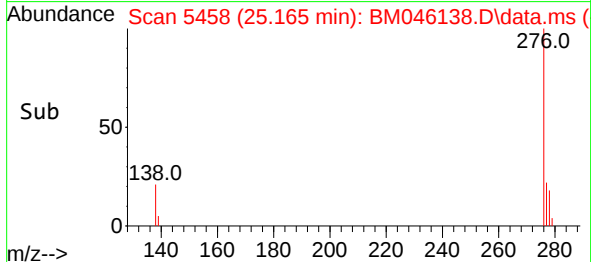
Instrument :
BNA_M
ClientSampleId :
A4BM4



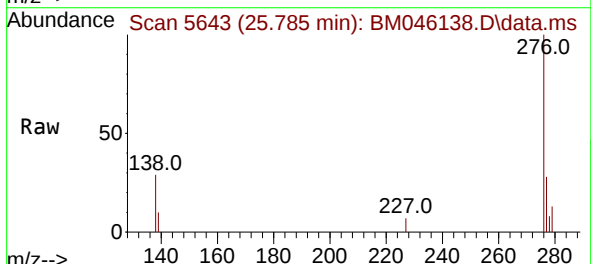
Tgt Ion:278 Resp: 1963
Ion Ratio Lower Upper
278 100
139 54.5 17.6 26.4
279 67.8 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.276 ng/ul
RT: 25.785 min Scan# 5643
Delta R.T. -0.044 min
Lab File: BM046138.D
Acq: 21 Jun 2024 00:16



Tgt Ion:276 Resp: 9463
Ion Ratio Lower Upper
276 100
138 28.7 21.7 32.5
277 28.3 20.4 30.6

