

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046746.D
 Acq On : 22 Jul 2024 11:41
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BE7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 12:20:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 19 11:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.485	152	2700	0.400	ng/ul	0.00
4) Naphthalene-d8	10.244	136	7162	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.127	164	4591	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	9976	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9515	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	10020	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5264	2.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	1815	0.157	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	4386	0.151	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.288	128	8737	0.480	ng/ul	97
7) 2-Methylnaphthalene	11.916	142	2483	0.194	ng/ul	100
8) 1-Methylnaphthalene	12.141	142	1879	0.144	ng/ul	98
10) Acenaphthylene	13.845	152	6368	0.305	ng/ul	100
11) Acenaphthene	14.192	153	11270	0.805	ng/ul	96
12) Fluorene	15.187	166	15965	0.921	ng/ul	98
15) Phenanthrene	16.926	178	302483	10.625	ng/ul	97
16) Anthracene	17.015	178	48146	1.733	ng/ul	98
19) Fluoranthene	18.956	202	522187	13.361	ng/ul	99
20) Pyrene	19.318	202	340787	8.054	ng/ul	99
21) Benzo(a)anthracene	21.076	228	218818	5.198	ng/ul	100
22) Chrysene	21.128	228	212667	5.221	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	282867m	7.068	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	111136m	2.828	ng/ul	
26) Benzo(a)pyrene	23.133	252	111508m	3.385	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.340	276	107253	2.140	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.343	278	35584	0.897	ng/ul	98
29) Benzo(g,h,i)perylene	25.980	276	16770	0.419	ng/ul	95

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

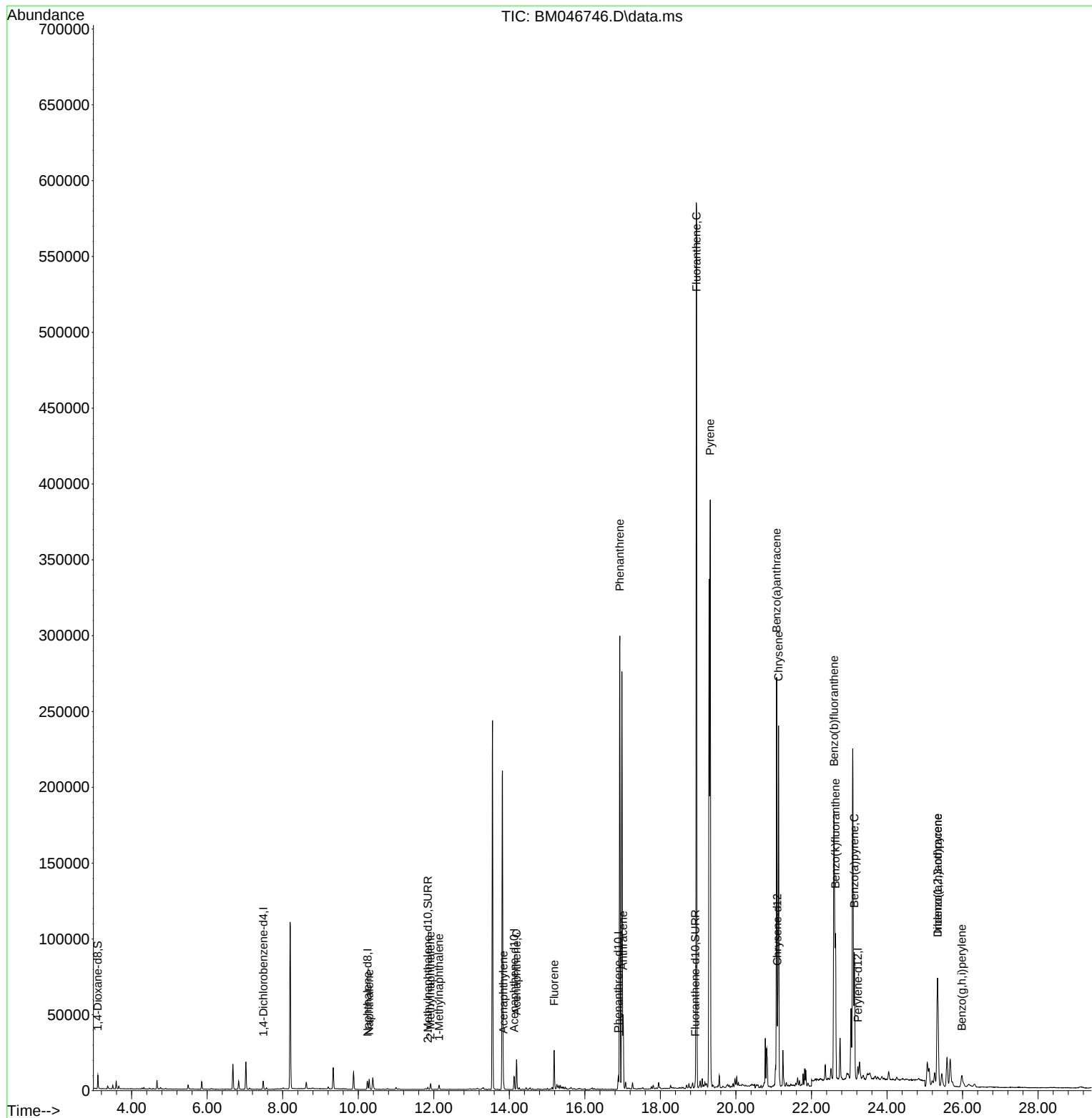
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046746.D
Acq On : 22 Jul 2024 11:41
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

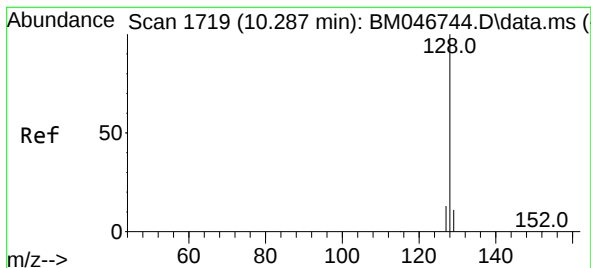
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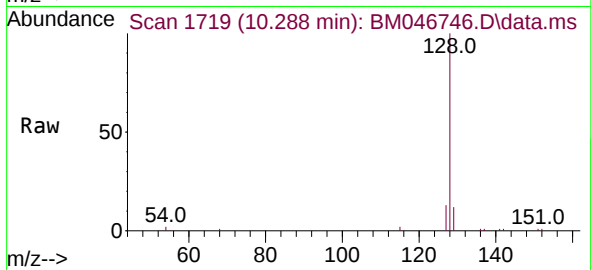
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.480 ng/ul
RT: 10.288 min Scan# 1719
Delta R.T. -0.010 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

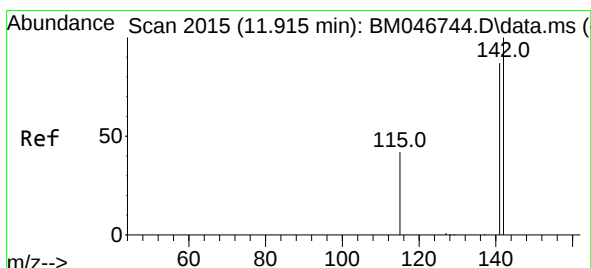
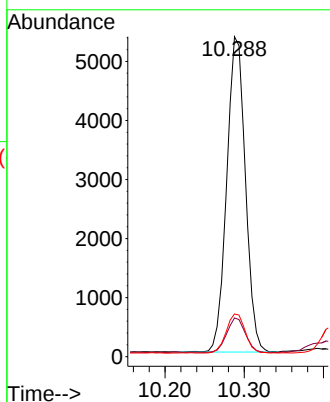
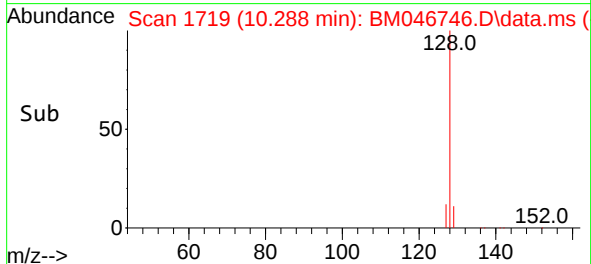
Instrument :
BNA_M
ClientSampleId :
A4BE7



Tgt Ion:128 Resp: 873
Ion Ratio Lower Upper
128 100
129 12.1 10.3 15.5
127 13.3 12.2 18.4

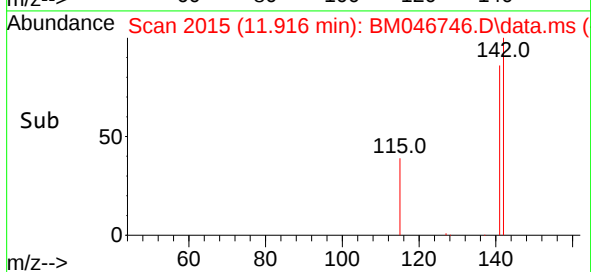
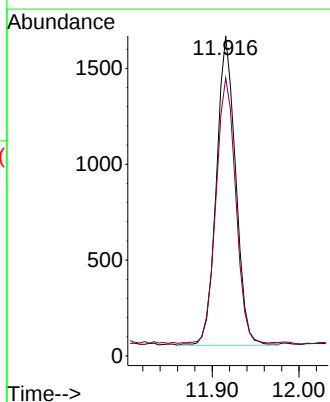
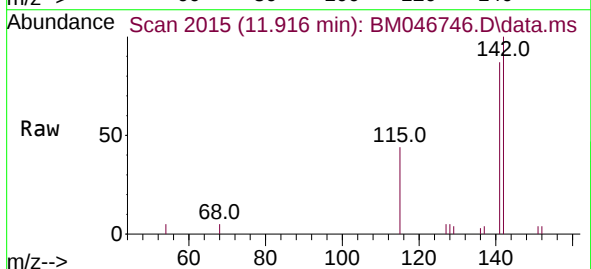
Manual Integrations
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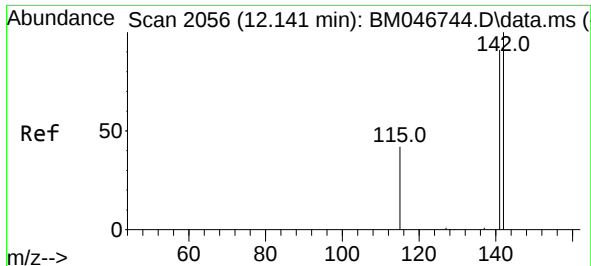
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 11.916 min Scan# 2015
Delta R.T. -0.004 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

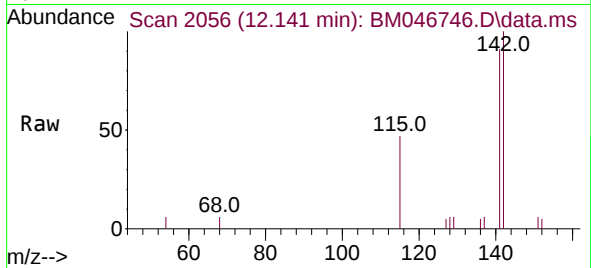
Tgt Ion:142 Resp: 2483
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.144 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

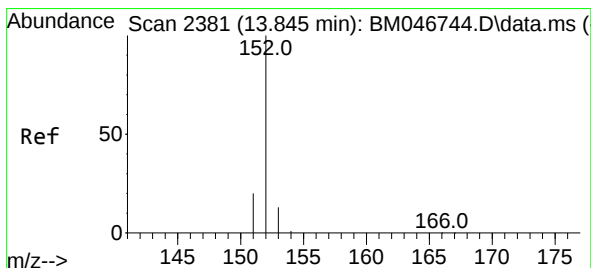
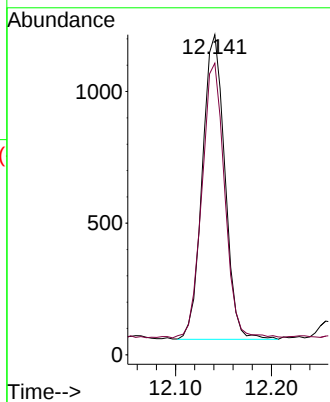
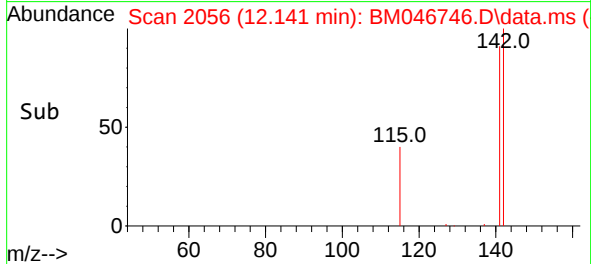
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1879
Ion Ratio Lower Upper
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141 90.4 73.9 110.9

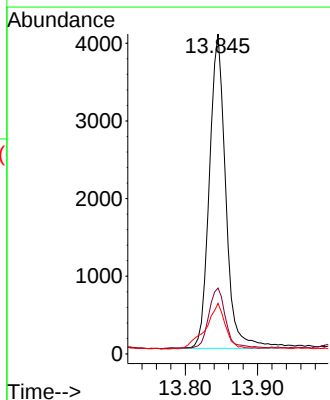
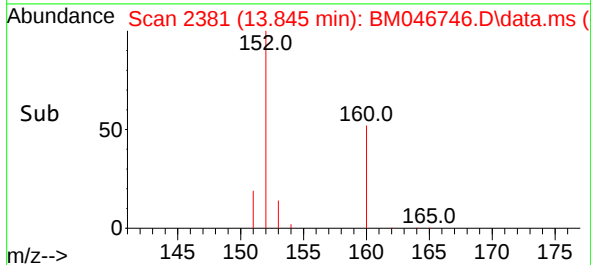
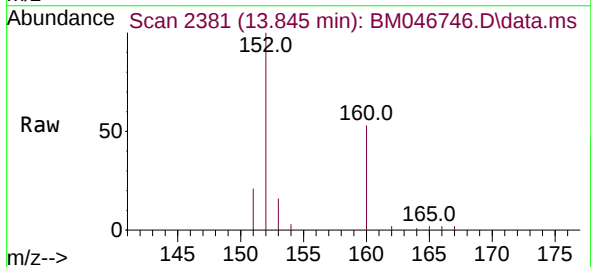
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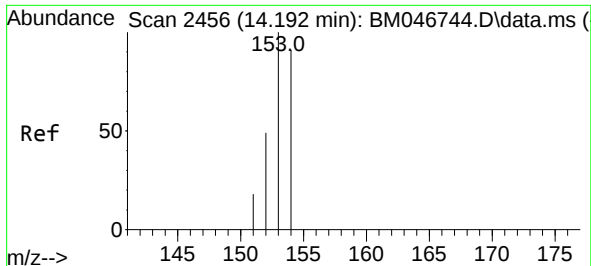
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 13.845 min Scan# 2381
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

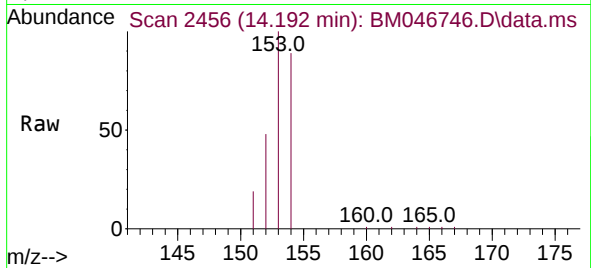
Tgt Ion:152 Resp: 6368
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 15.8 12.4 18.6





#11
Acenaphthene
Concen: 0.805 ng/uI
RT: 14.192 min Scan# 2456
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

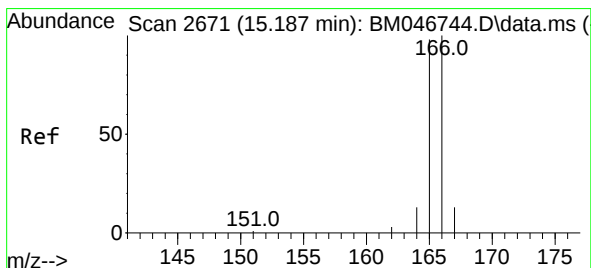
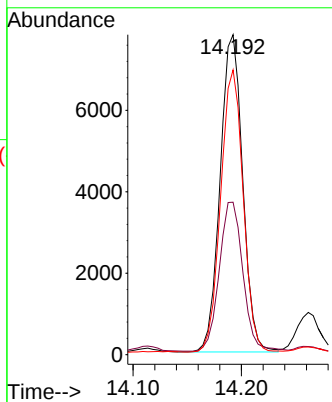
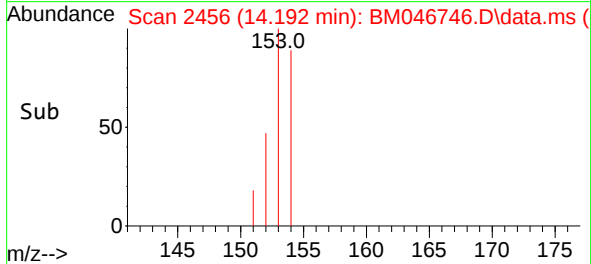
Instrument :
BNA_M
ClientSampleId :
A4BE7



Tgt Ion:153 Resp: 11270
Ion Ratio Lower Upper
153 100
152 47.7 43.0 64.6
154 89.0 69.9 104.9

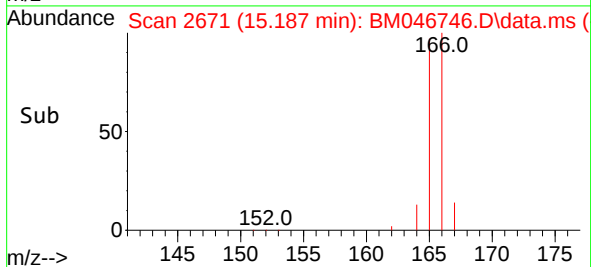
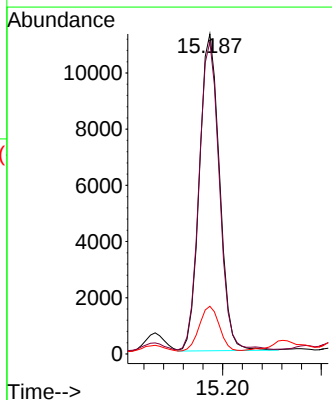
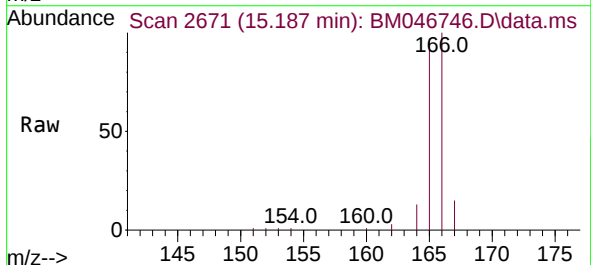
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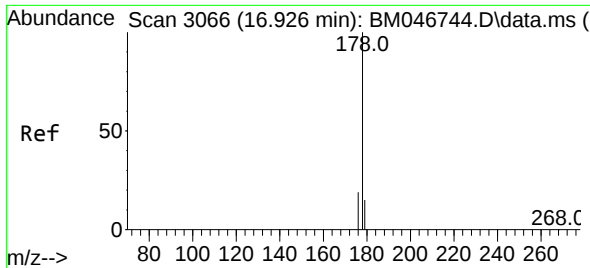
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.921 ng/uI
RT: 15.187 min Scan# 2671
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

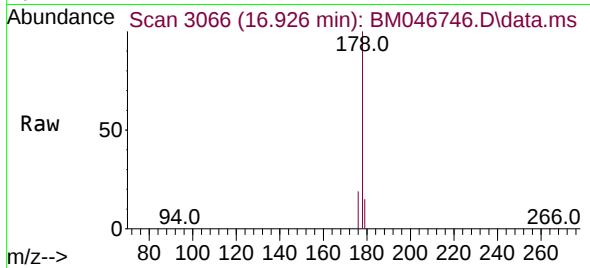
Tgt Ion:166 Resp: 15965
Ion Ratio Lower Upper
166 100
165 97.5 76.1 114.1
167 14.9 12.5 18.7





#15
Phenanthrene
Concen: 10.625 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

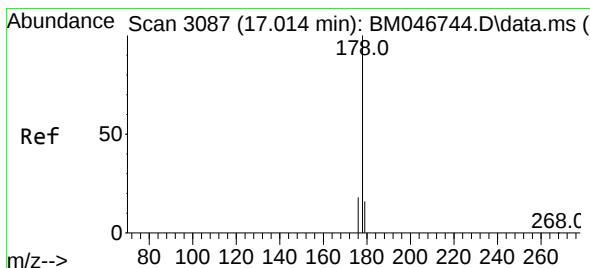
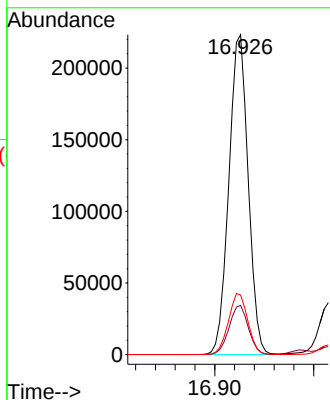
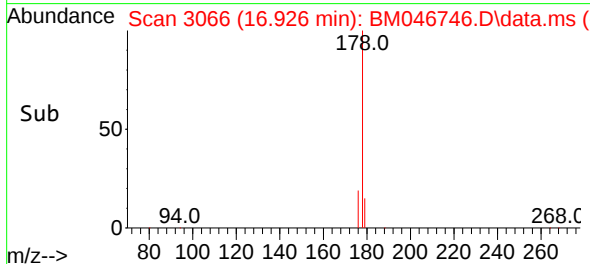
Instrument :
BNA_M
ClientSampleId :
A4BE7



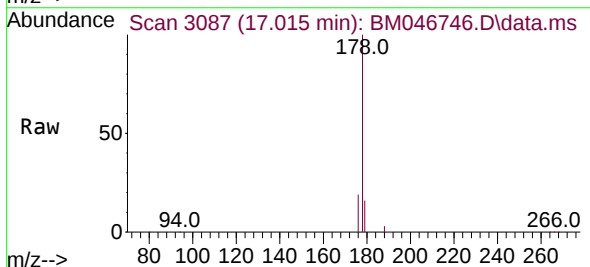
Tgt Ion:178 Resp: 30248
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 18.6 16.0 24.0

Manual Integrations
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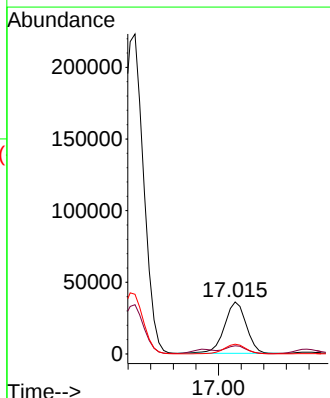
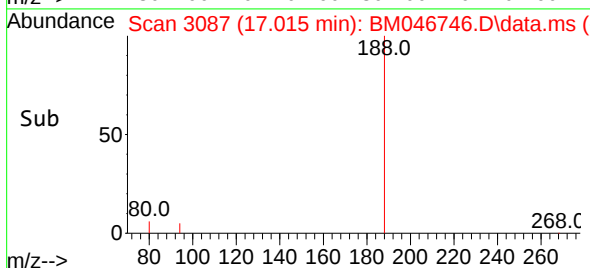
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

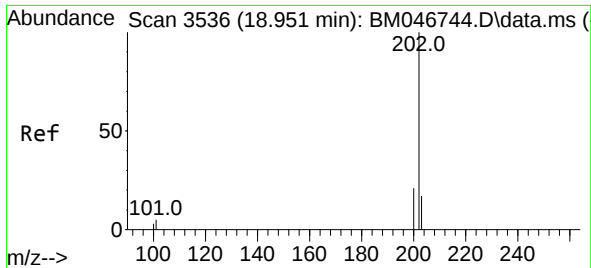


#16
Anthracene
Concen: 1.733 ng/u1
RT: 17.015 min Scan# 3087
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41



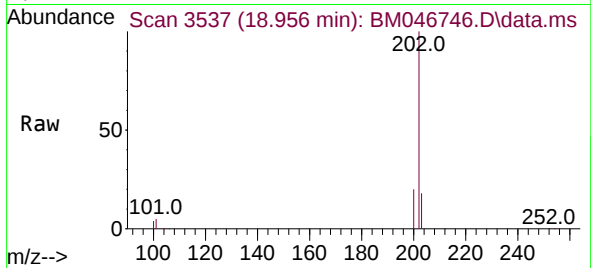
Tgt Ion:178 Resp: 48146
Ion Ratio Lower Upper
178 100
179 15.6 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 13.361 ng/u1
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

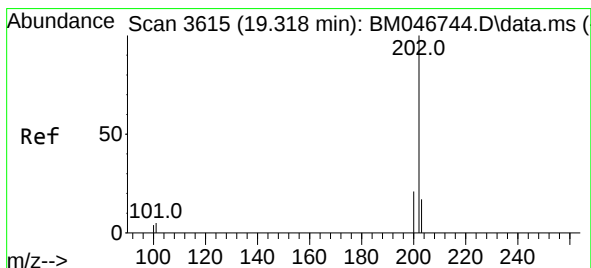
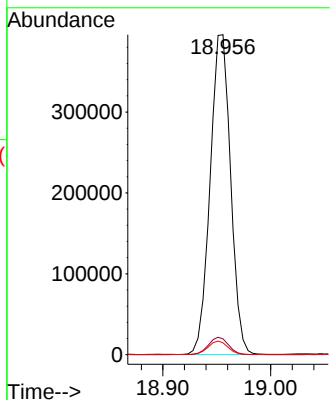
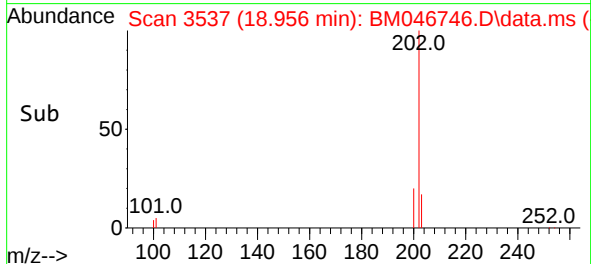
Instrument :
BNA_M
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A4BE7



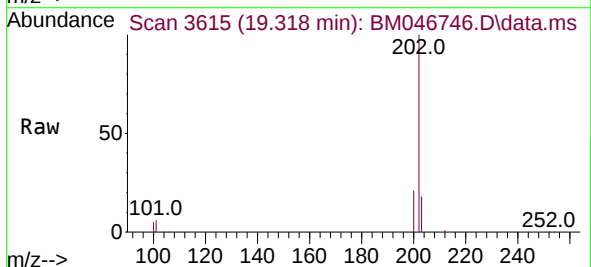
Tgt Ion:202 Resp: 52218
Ion Ratio Lower Upper
202 100
101 5.0 4.6 6.8
100 3.7 3.0 4.6

Manual Integrations
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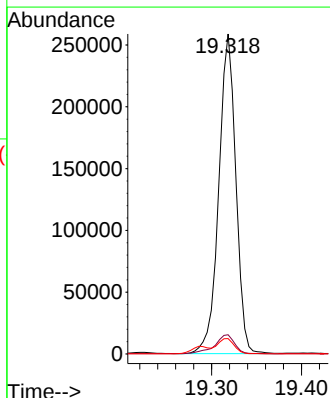
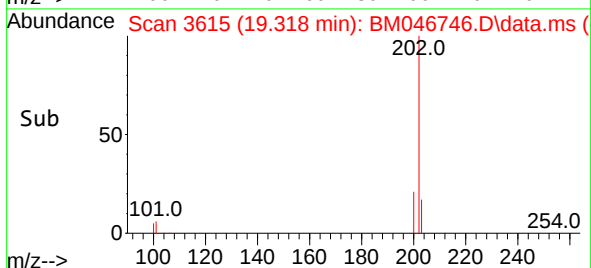
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

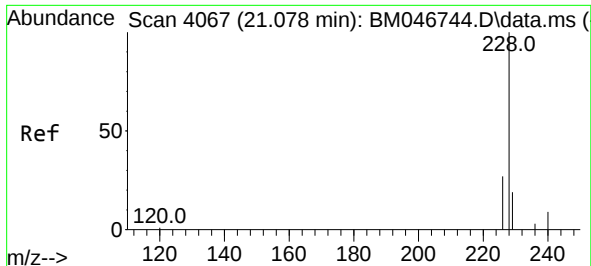


#20
Pyrene
Concen: 8.054 ng/u1
RT: 19.318 min Scan# 3615
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41



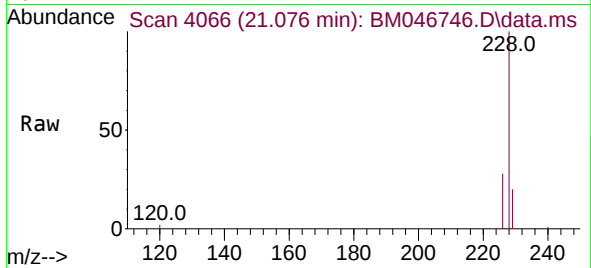
Tgt Ion:202 Resp: 340787
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.8 3.8 5.6





#21
Benzo(a)anthracene
Concen: 5.198 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

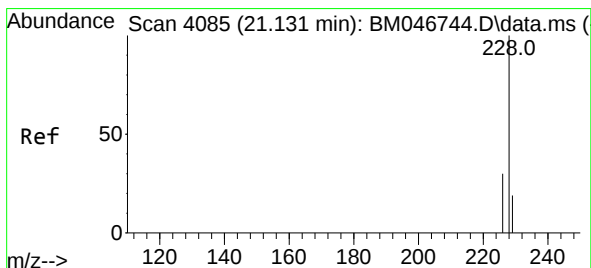
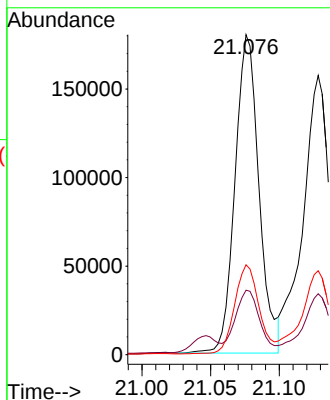
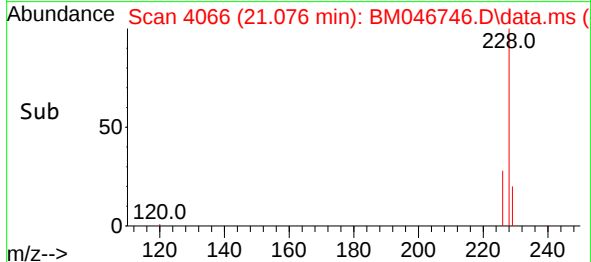
Instrument :
BNA_M
ClientSampleId :
A4BE7



Tgt Ion:228 Resp: 218818
Ion Ratio Lower Upper
228 100
229 20.2 16.5 24.7
226 28.1 22.5 33.7

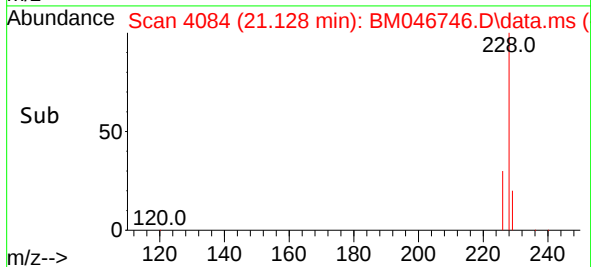
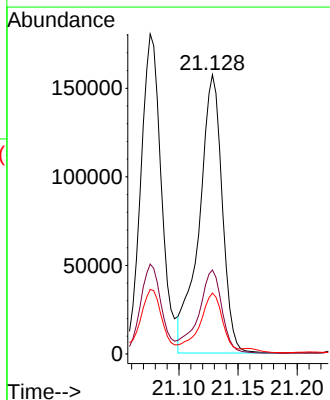
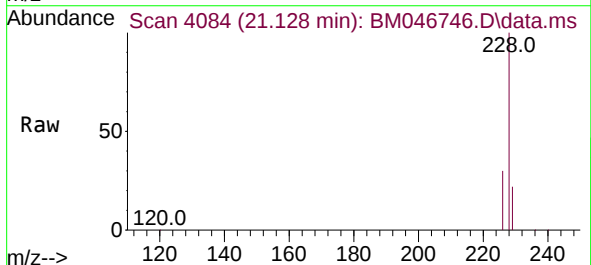
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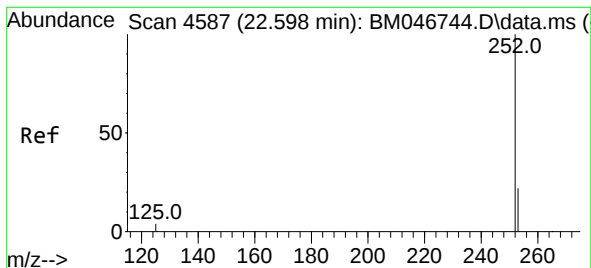
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 5.221 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

Tgt Ion:228 Resp: 212667
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.9 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 7.068 ng/ul m

RT: 22.595 min Scan# 4

Delta R.T. -0.003 min

Lab File: BM046746.D

Acq: 22 Jul 2024 11:41

Instrument :

BNA_M

ClientSampleId :

A4BE7

Tgt Ion:252 Resp: 28286

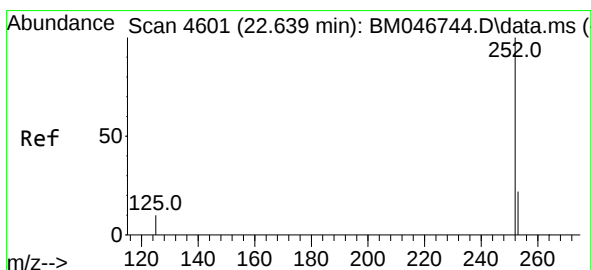
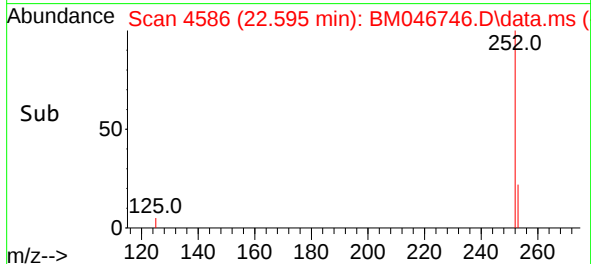
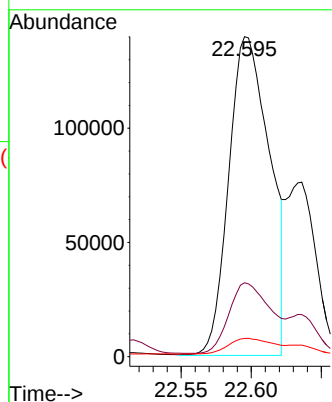
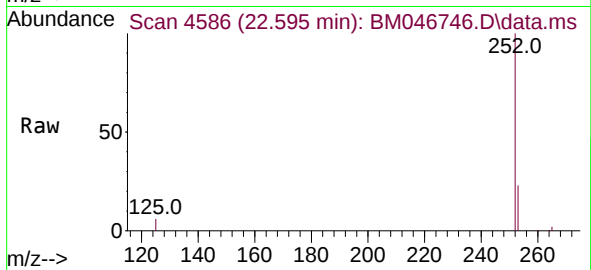
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	56.2
125	5.7	0.0	17.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/23/2024

Supervised By :mohammad ahmed 07/23/2024



#25

Benzo(k)fluoranthene

Concen: 2.828 ng/ul m

RT: 22.636 min Scan# 4600

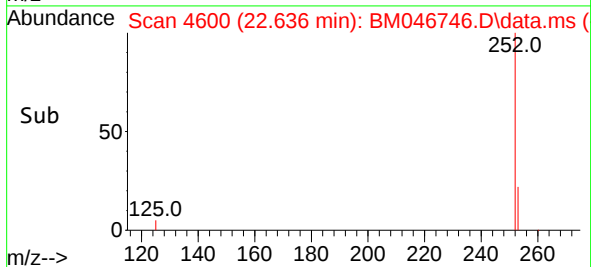
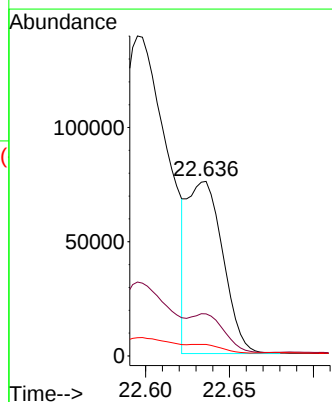
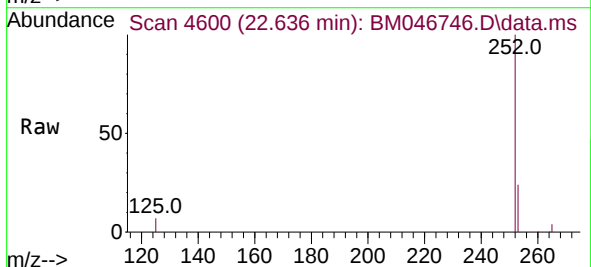
Delta R.T. -0.003 min

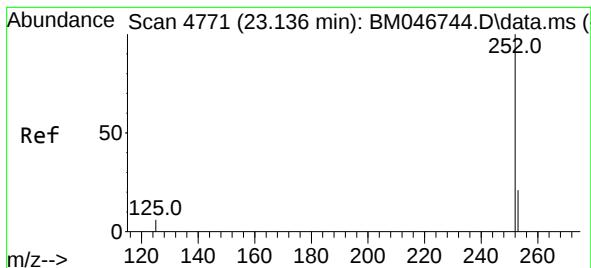
Lab File: BM046746.D

Acq: 22 Jul 2024 11:41

Tgt Ion:252 Resp: 111136

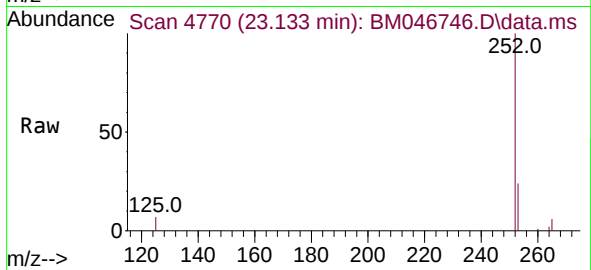
Ion	Ratio	Lower	Upper
252	100		
253	24.1	22.4	33.6
125	6.6	7.0	10.4





#26
Benzo(a)pyrene
Concen: 3.385 ng/ul m
RT: 23.133 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

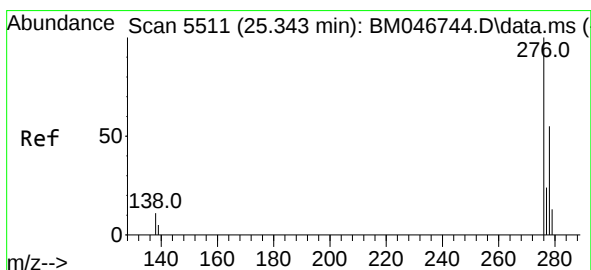
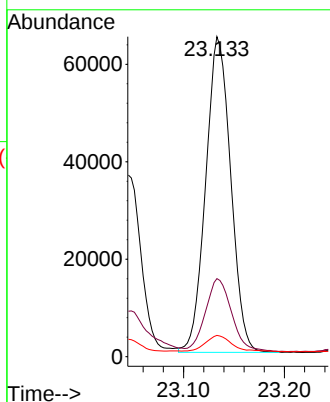
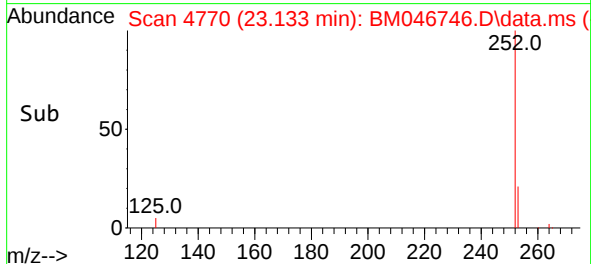
Instrument :
BNA_M
ClientSampleId :
A4BE7



Tgt Ion:252 Resp: 111508
Ion Ratio Lower Upper
252 100
253 24.4 24.0 36.0
125 6.6 8.2 12.2

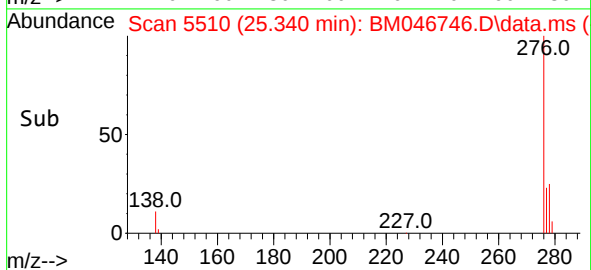
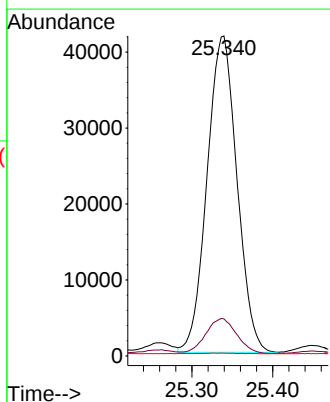
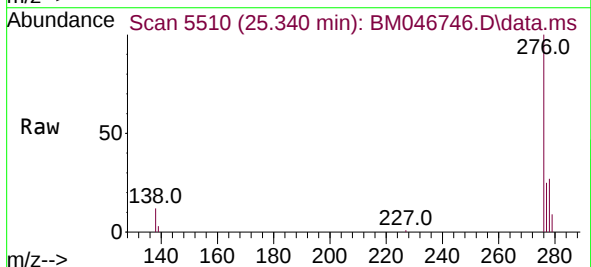
Manual Integrations
APPROVED

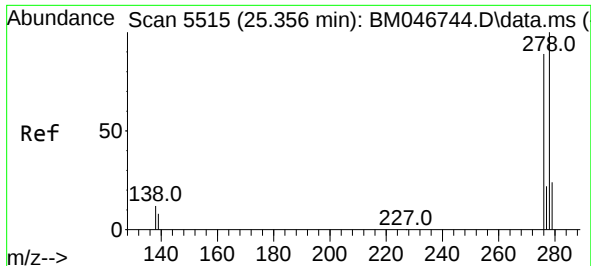
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.140 ng/ul
RT: 25.340 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

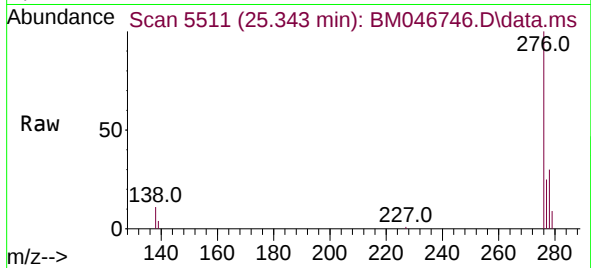
Tgt Ion:276 Resp: 107253
Ion Ratio Lower Upper
276 100
138 11.4 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.897 ng/ul
RT: 25.343 min Scan# 51
Delta R.T. -0.017 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41

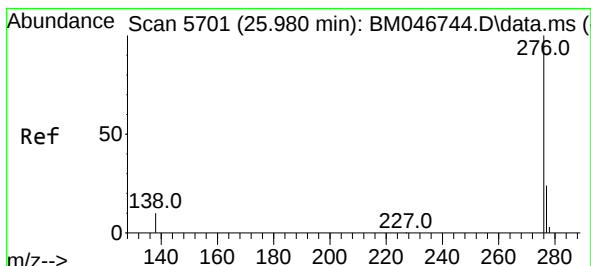
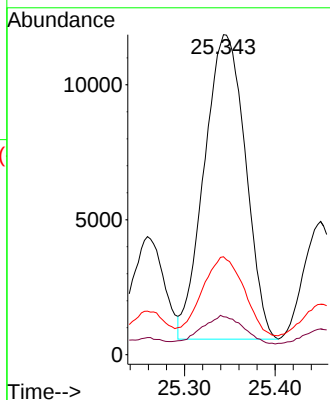
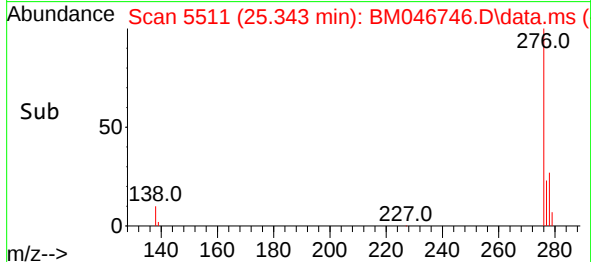
Instrument :
BNA_M
ClientSampleId :
A4BE7



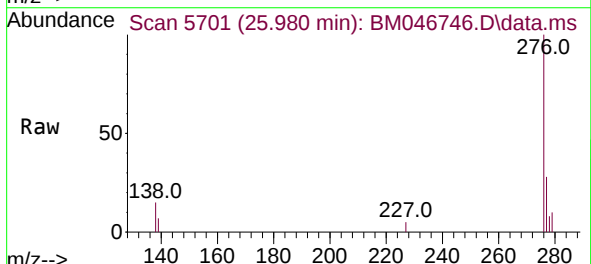
Tgt Ion:278 Resp: 35584
Ion Ratio Lower Upper
278 100
139 11.8 9.1 13.7
279 30.6 23.2 34.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.419 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM046746.D
Acq: 22 Jul 2024 11:41



Tgt Ion:276 Resp: 16770
Ion Ratio Lower Upper
276 100
138 15.2 10.2 15.4
277 28.4 20.9 31.3

