

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046737.D
 Acq On : 19 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3201-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BZ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/20/2024

Quant Time: Jul 19 23:58:50 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	7.484	152	3776	0.400	ng/ul	0.00
4) Naphthalene-d8	10.243	136	10513	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.132	164	6252	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.884	188	11733	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	8383	0.400	ng/ul	# 0.00
23) Perylene-d12	23.226	264	9444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	6738	2.172	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.844	152	2853	0.168	ng/ul	0.00
18) Fluoranthene-d10	18.923	212	4867	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.293	128	5671	0.212	ng/ul	99
7) 2-Methylnaphthalene	11.921	142	2359	0.126	ng/ul	98
8) 1-Methylnaphthalene	12.141	142	1668	0.087	ng/ul	100
10) Acenaphthylene	13.850	152	7597	0.267	ng/ul	99
11) Acenaphthene	14.192	153	5928	0.311	ng/ul	97
12) Fluorene	15.191	166	7556	0.320	ng/ul	98
15) Phenanthrene	16.926	178	125488	3.748	ng/ul	98
16) Anthracene	17.019	178	24910	0.762	ng/ul	98
19) Fluoranthene	18.956	202	214139	6.219	ng/ul	99
20) Pyrene	19.318	202	111012	2.978	ng/ul	99
21) Benzo(a)anthracene	21.076	228	94309	2.543	ng/ul	99
22) Chrysene	21.128	228	93096	2.594	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	119538m	3.169	ng/ul	
25) Benzo(k)fluoranthene	22.633	252	46851m	1.265	ng/ul	
26) Benzo(a)pyrene	23.133	252	30579	0.985	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.333	276	33767	0.715	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.349	278	15550	0.416	ng/ul#	90
29) Benzo(g,h,i)perylene	25.977	276	4926	0.131	ng/ul#	75

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

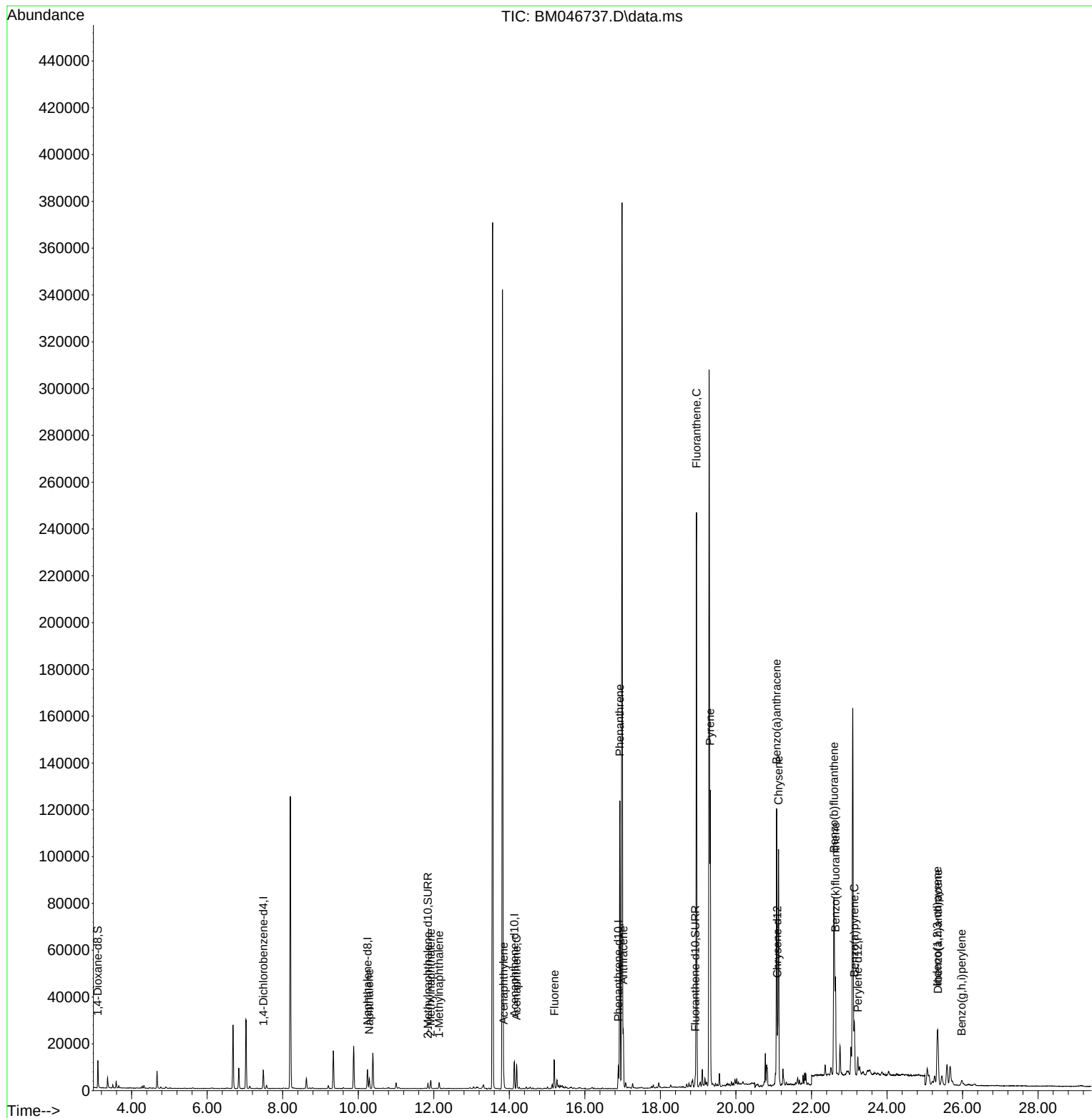
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046737.D
Acq On : 19 Jul 2024 21:43
Operator : MA/JU
Sample : P3201-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

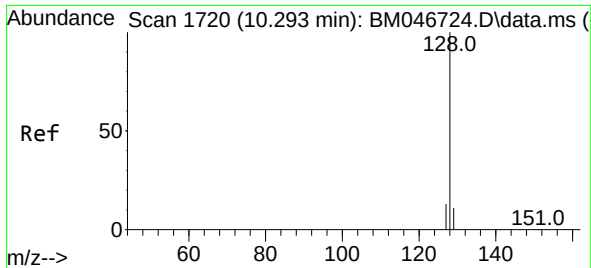
Instrument :
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A4BZ4

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Supervised By :mohammad ahmed 07/20/2024

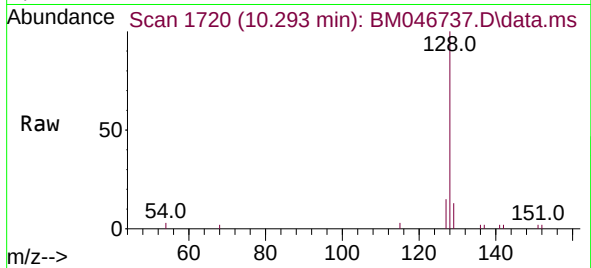
Quant Time: Jul 19 23:58:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.212 ng/ul
RT: 10.293 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

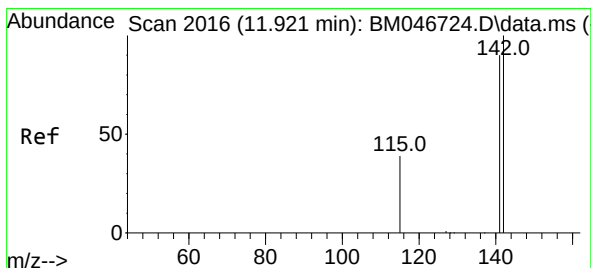
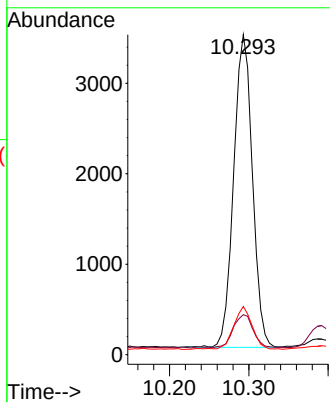
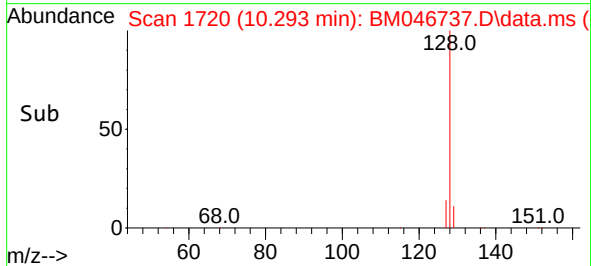
Instrument :
BNA_M
ClientSampleId :
A4BZ4



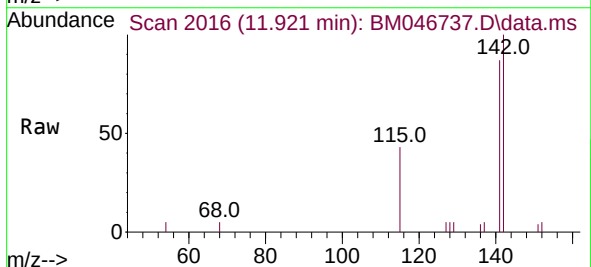
Tgt Ion:128 Resp: 567
Ion Ratio Lower Upper
128 100
129 12.5 10.3 15.5
127 15.1 12.2 18.4

Manual Integrations
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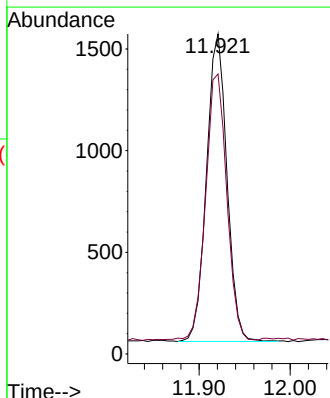
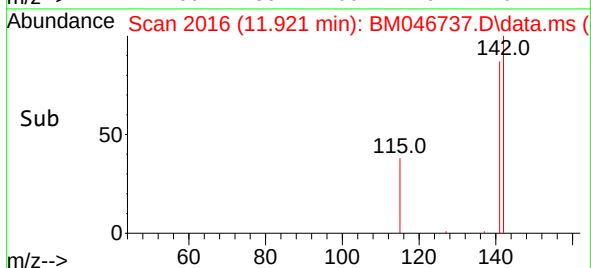
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

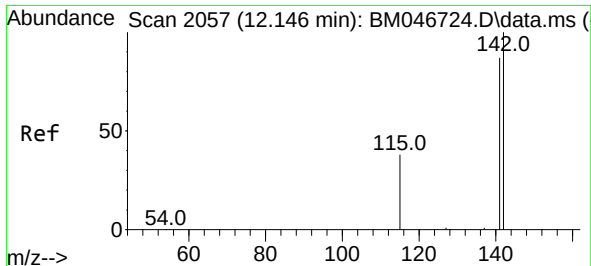


#7
2-Methylnaphthalene
Concen: 0.126 ng/ul
RT: 11.921 min Scan# 2016
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43



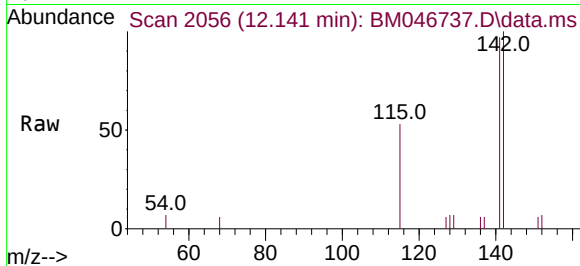
Tgt Ion:142 Resp: 2359
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.087 ng/ul
RT: 12.141 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

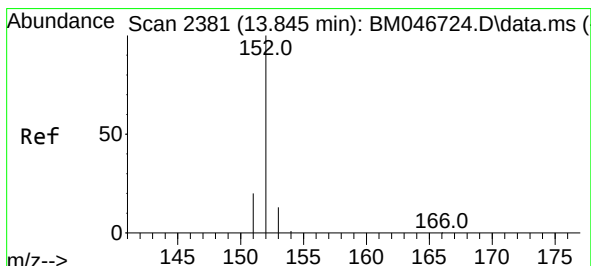
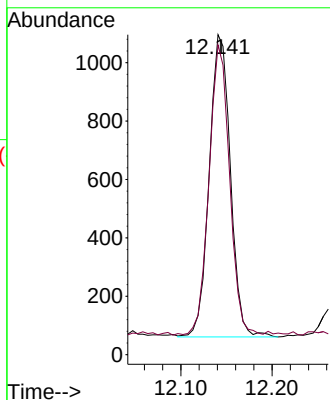
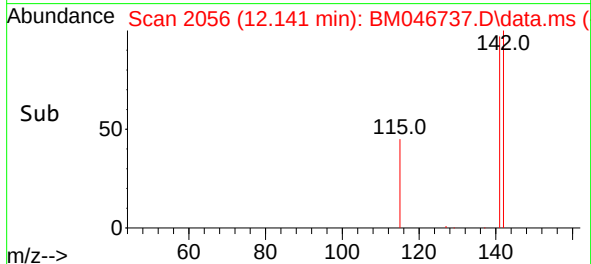
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:142 Resp: 1668
Ion Ratio Lower Upper
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141 92.5 73.9 110.9

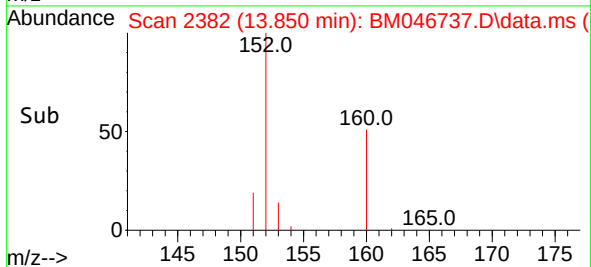
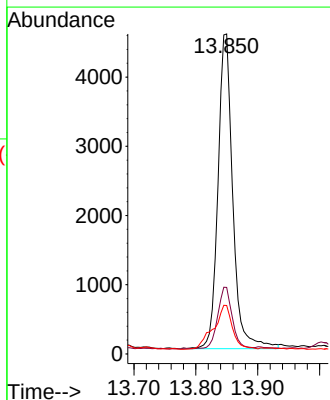
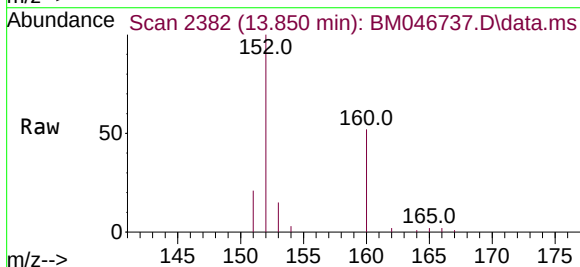
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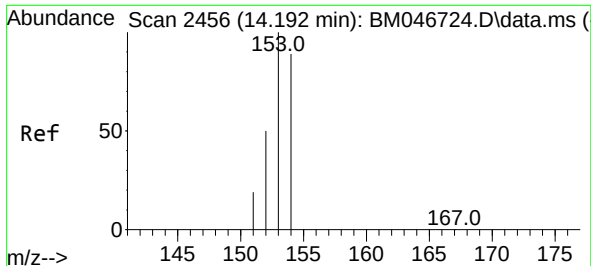
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#10
Acenaphthylene
Concen: 0.267 ng/ul
RT: 13.850 min Scan# 2382
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

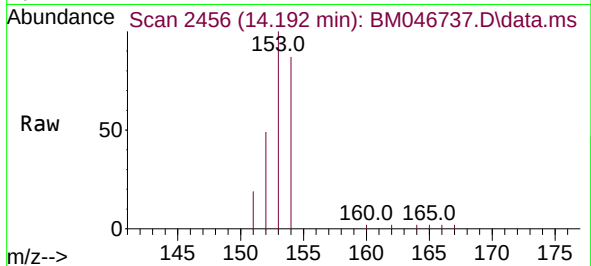
Tgt Ion:152 Resp: 7597
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 15.1 12.4 18.6





#11
Acenaphthene
Concen: 0.311 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

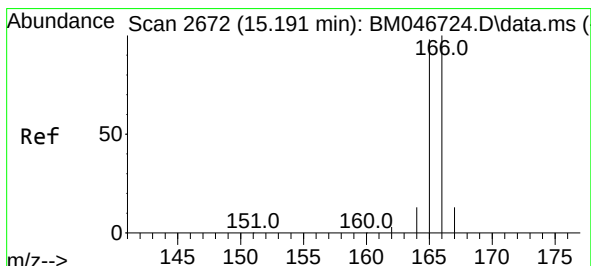
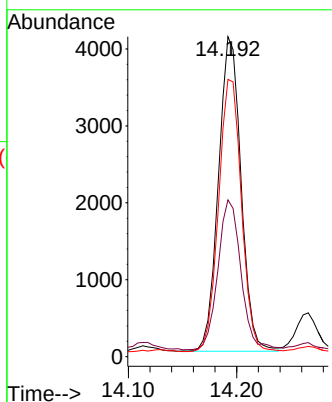
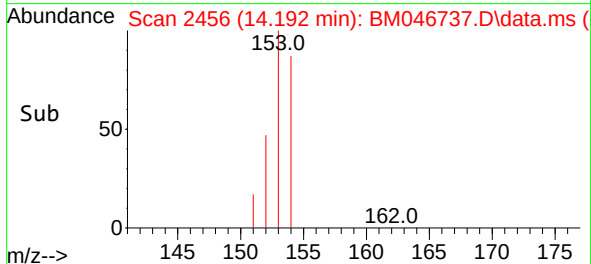
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:153 Resp: 5928
Ion Ratio Lower Upper
153 100
152 49.0 43.0 64.6
154 86.6 69.9 104.9

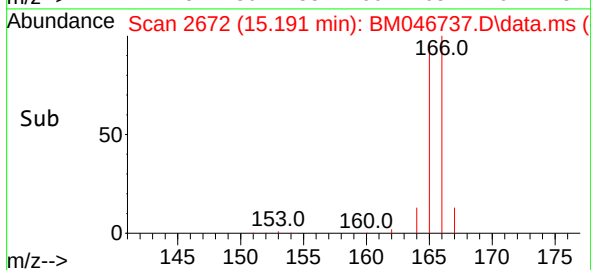
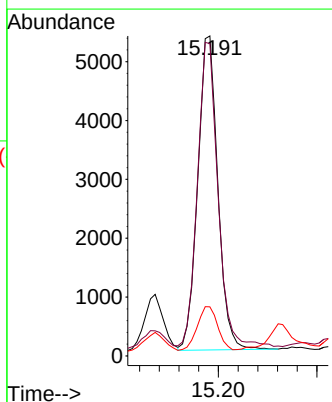
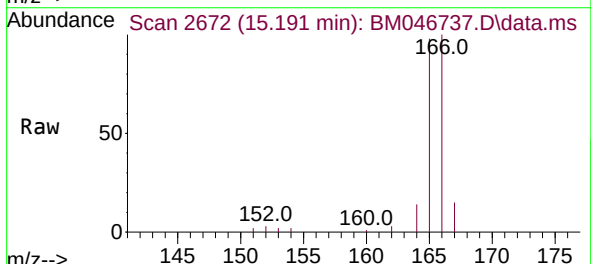
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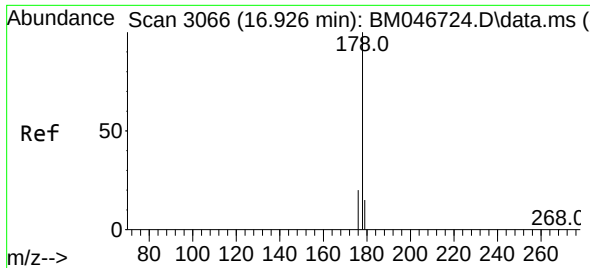
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.191 min Scan# 2672
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

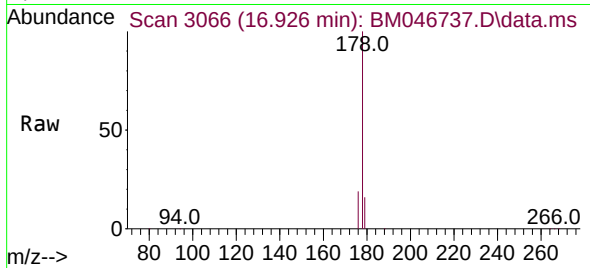
Tgt Ion:166 Resp: 7556
Ion Ratio Lower Upper
166 100
165 97.6 76.1 114.1
167 15.3 12.5 18.7





#15
Phenanthrene
Concen: 3.748 ng/u1
RT: 16.926 min Scan# 3066
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

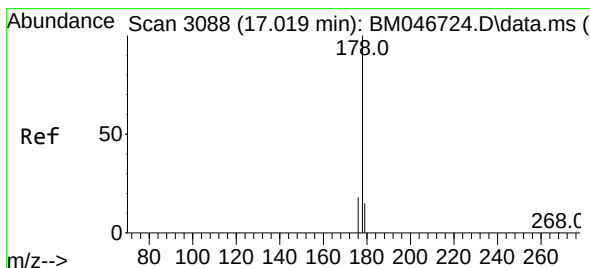
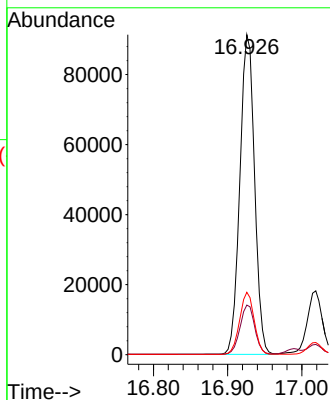
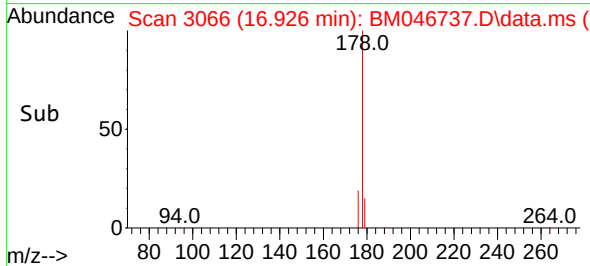
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:178 Resp: 125488
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.5 16.0 24.0

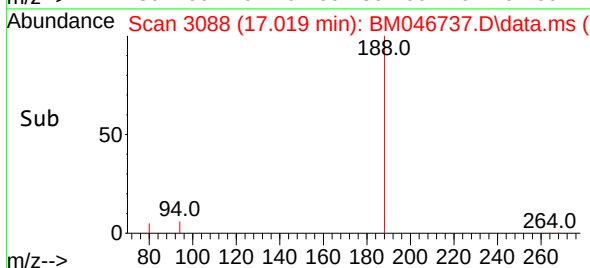
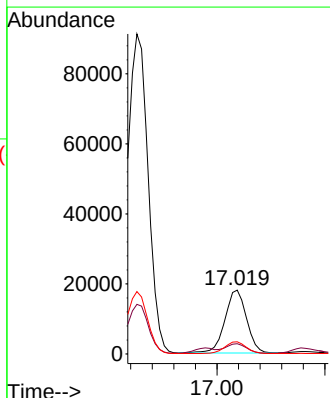
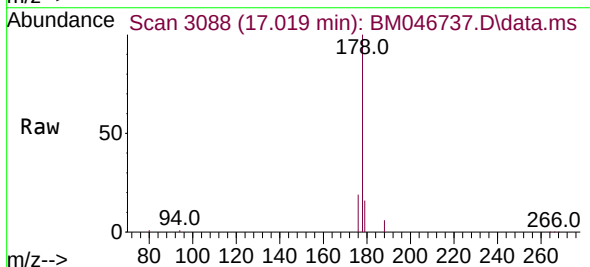
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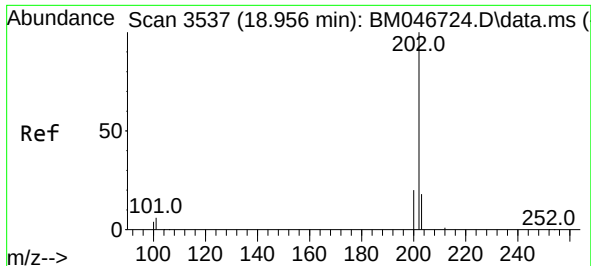
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#16
Anthracene
Concen: 0.762 ng/u1
RT: 17.019 min Scan# 3088
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

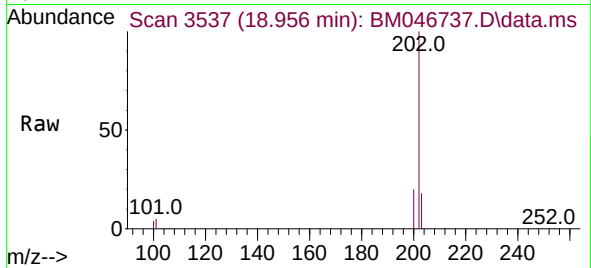
Tgt Ion:178 Resp: 24910
Ion Ratio Lower Upper
178 100
179 16.0 13.5 20.3
176 19.0 15.7 23.5





#19
Fluoranthene
Concen: 6.219 ng/u1
RT: 18.956 min Scan# 3537
Delta R.T. 0.001 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

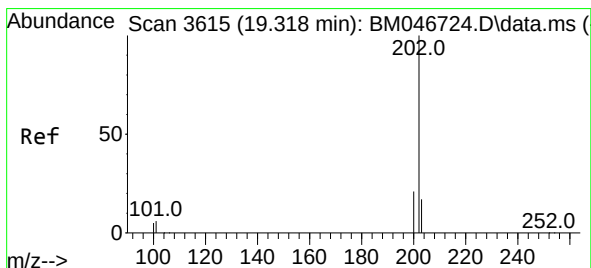
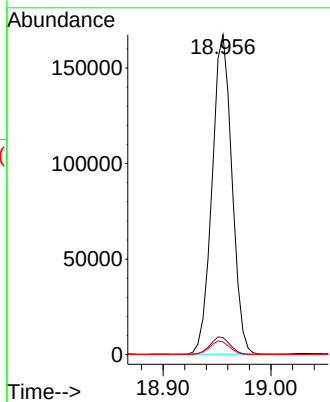
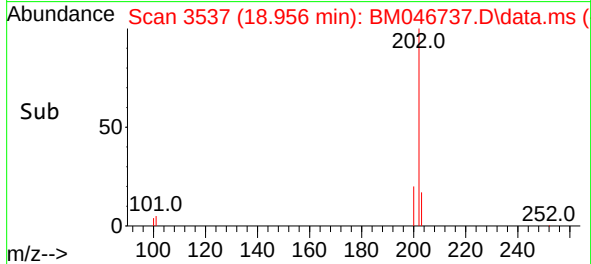
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:202 Resp: 214139
Ion Ratio Lower Upper
202 100
101 5.4 4.6 6.8
100 4.0 3.0 4.6

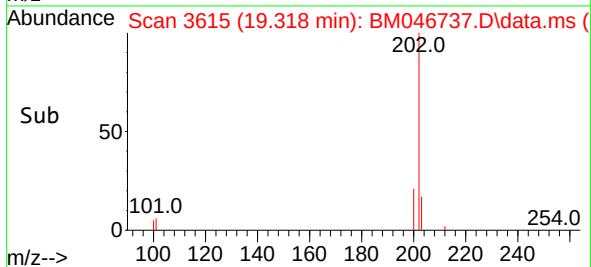
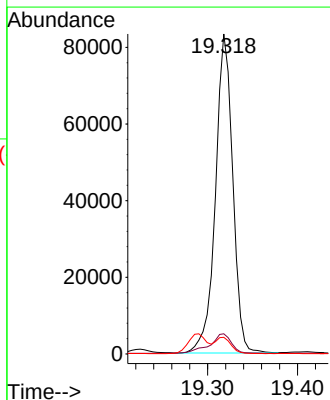
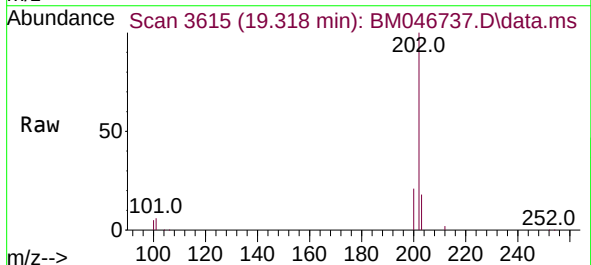
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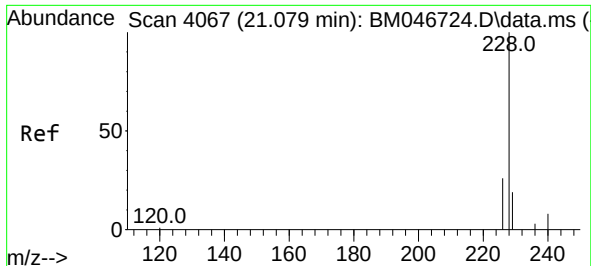
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 2.978 ng/u1
RT: 19.318 min Scan# 3615
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

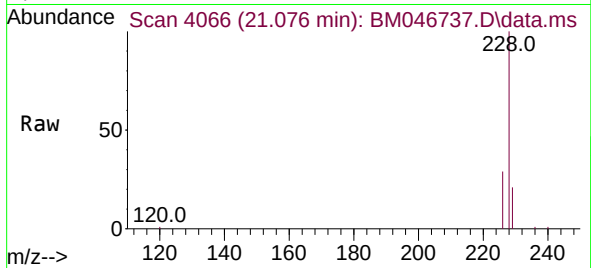
Tgt Ion:202 Resp: 111012
Ion Ratio Lower Upper
202 100
101 6.3 5.1 7.7
100 5.2 3.8 5.6





#21
Benzo(a)anthracene
Concen: 2.543 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

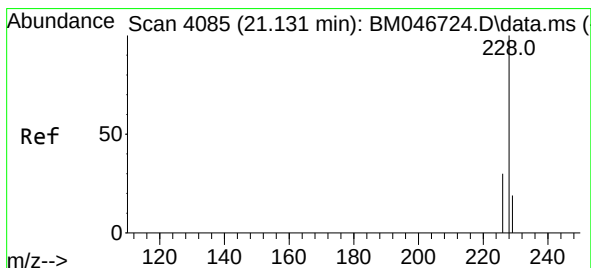
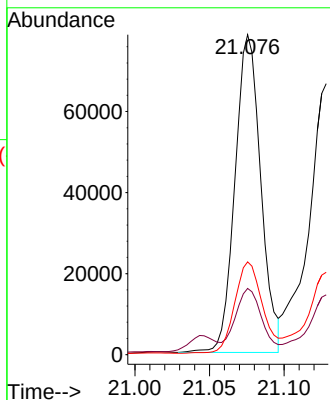
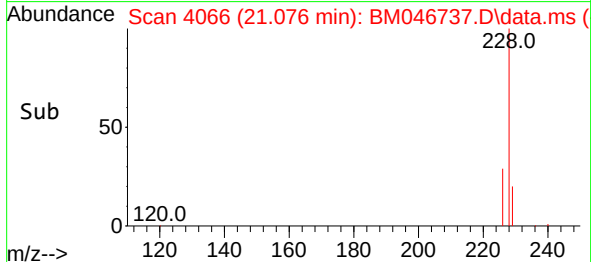
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:228 Resp: 94309
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 29.0 22.5 33.7

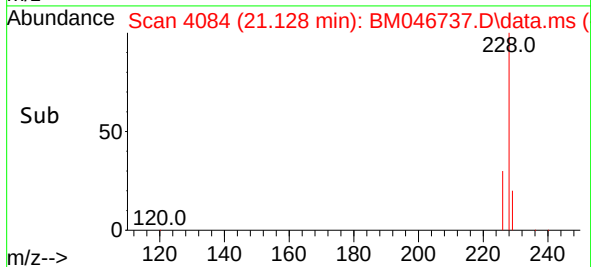
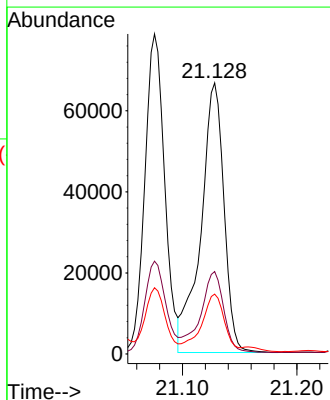
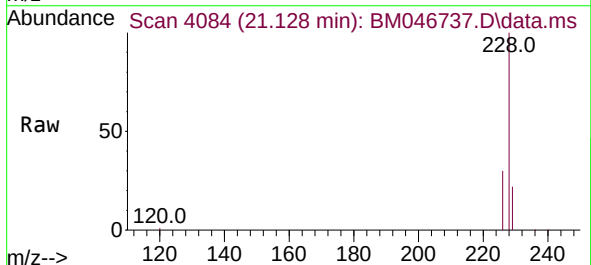
Manual Integrations
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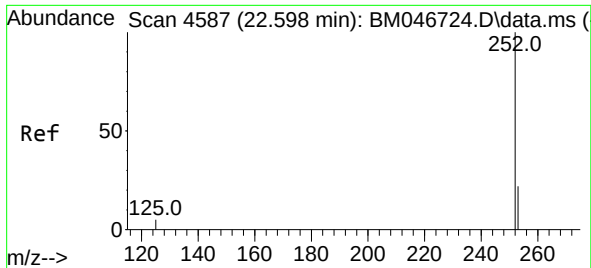
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 2.594 ng/ul
RT: 21.128 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

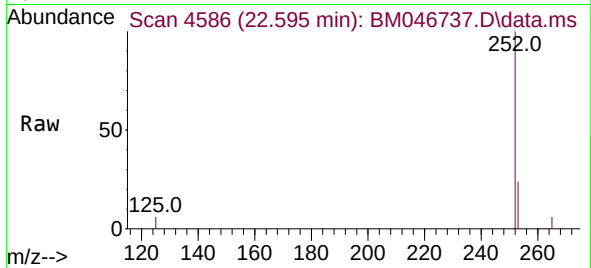
Tgt Ion:228 Resp: 93096
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.1 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 3.169 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.004 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

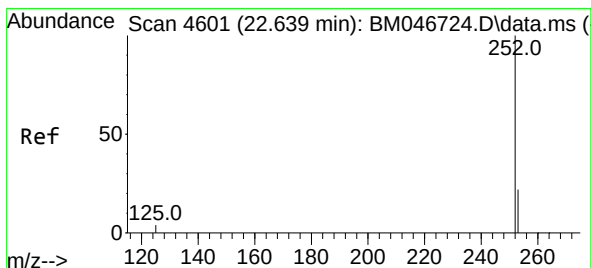
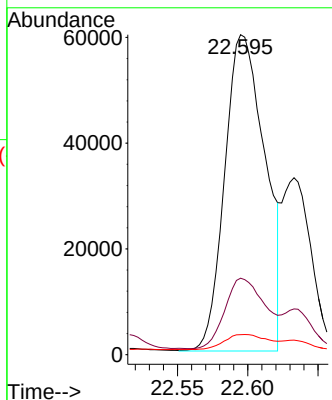
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:252 Resp: 119538
Ion Ratio Lower Upper
252 100
253 23.9 0.0 56.2
125 6.3 0.0 17.8

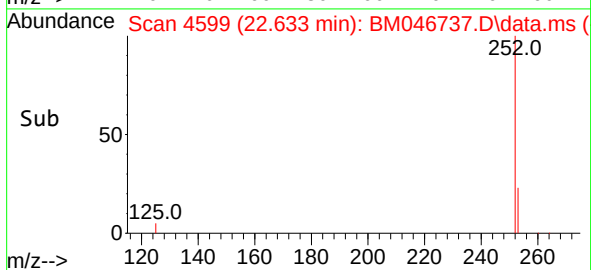
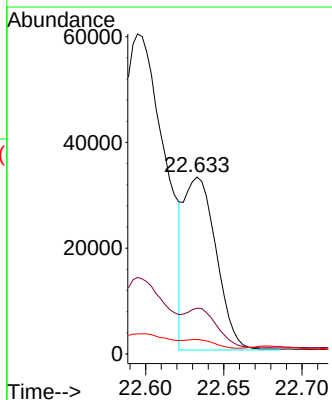
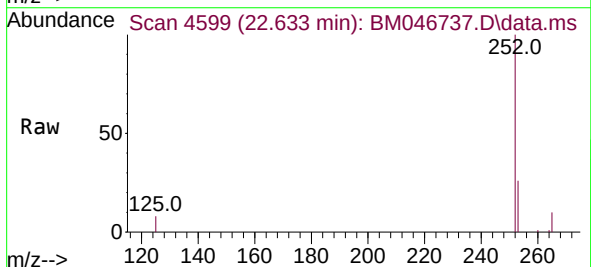
Manual Integrations
APPROVED

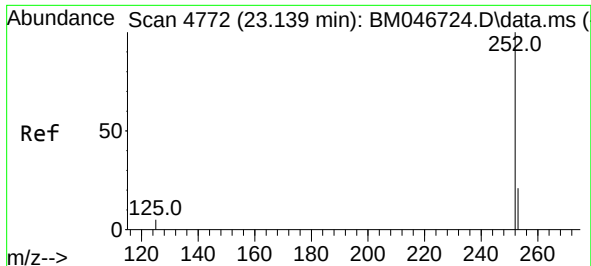
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 1.265 ng/ul m
RT: 22.633 min Scan# 4599
Delta R.T. -0.007 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

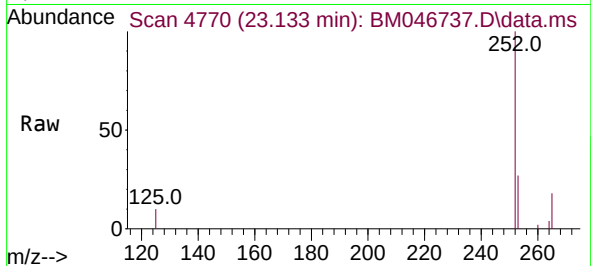
Tgt Ion:252 Resp: 46851
Ion Ratio Lower Upper
252 100
253 25.9 22.4 33.6
125 8.2 7.0 10.4





#26
Benzo(a)pyrene
Concen: 0.985 ng/ul
RT: 23.133 min Scan# 41
Delta R.T. -0.007 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

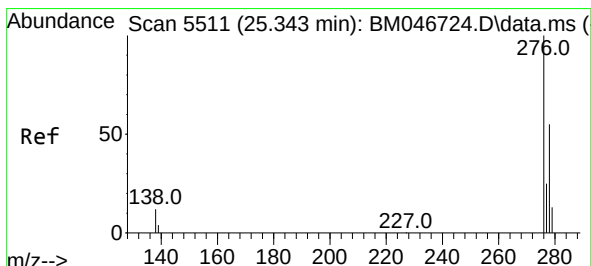
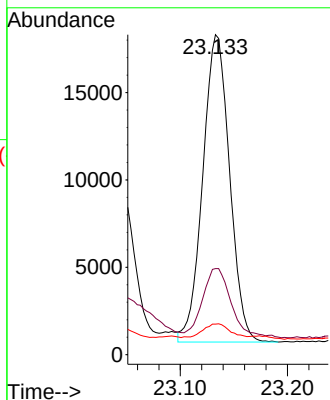
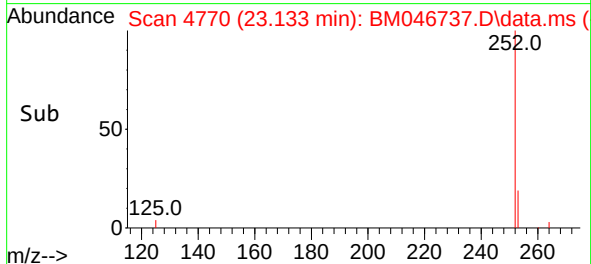
Instrument :
BNA_M
ClientSampleId :
A4BZ4



Tgt Ion:252 Resp: 30579
Ion Ratio Lower Upper
252 100
253 26.9 24.0 36.0
125 9.6 8.2 12.2

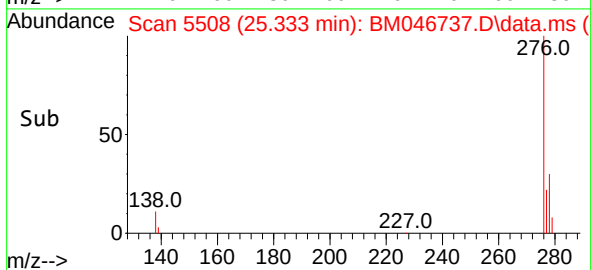
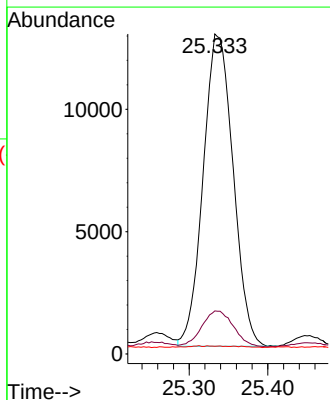
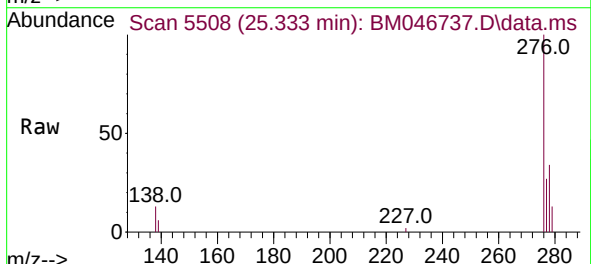
Manual Integrations
APPROVED

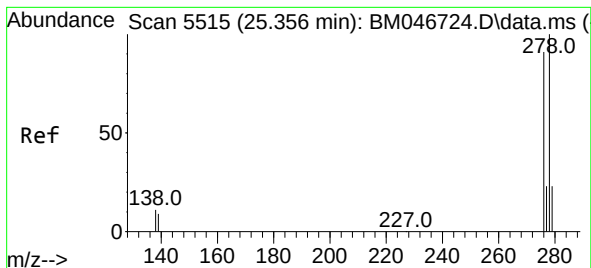
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.715 ng/ul
RT: 25.333 min Scan# 5508
Delta R.T. -0.014 min
Lab File: BM046737.D
Acq: 19 Jul 2024 21:43

Tgt Ion:276 Resp: 33767
Ion Ratio Lower Upper
276 100
138 12.2 0.0 0.0#
227 0.6 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.416 ng/ul

RT: 25.349 min Scan# 51

Delta R.T. -0.011 min

Lab File: BM046737.D

Acq: 19 Jul 2024 21:43

Instrument :

BNA_M

ClientSampleId :

A4BZ4

Tgt Ion:278 Resp: 15550

Ion Ratio Lower Upper

278 100

139 15.4 9.1 13.7

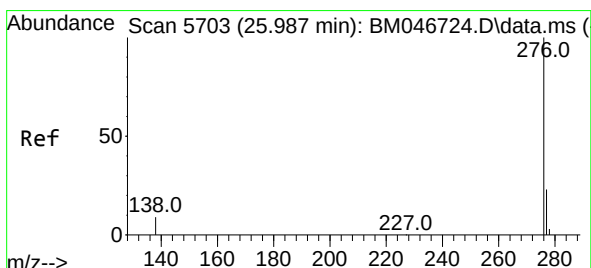
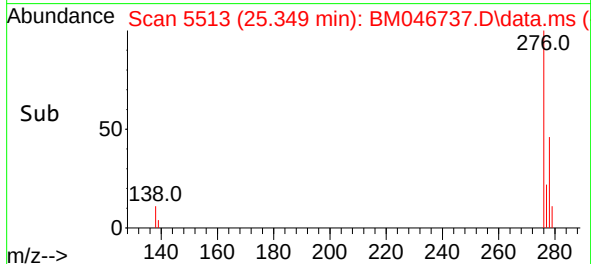
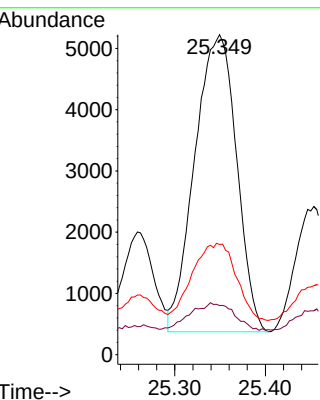
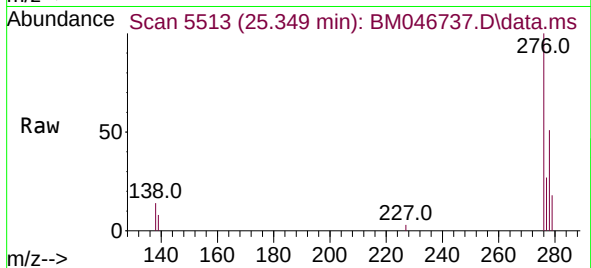
279 34.5 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/20/2024

Supervised By :mohammad ahmed 07/20/2024



#29

Benzo(g,h,i)perylene

Concen: 0.131 ng/ul

RT: 25.977 min Scan# 5700

Delta R.T. -0.007 min

Lab File: BM046737.D

Acq: 19 Jul 2024 21:43

Tgt Ion:276 Resp: 4926

Ion Ratio Lower Upper

276 100

138 25.1 10.2 15.4#

277 37.4 20.9 31.3#

