

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
 Data File : BM046747.D
 Acq On : 22 Jul 2024 12:18
 Operator : MA/JU
 Sample : P3238-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BF4

Manual Integrations
 APPROVED

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

Quant Time: Jul 22 13:01:08 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	2746	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	7263	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.131	164	4672	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.882	188	9687	0.400	ng/ul	0.00
17) Chrysene-d12	21.094	240	10720	0.400	ng/ul #	0.00
23) Perylene-d12	23.227	264	8632	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5622	2.492	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.843	152	2022	0.173	ng/ul	0.00
18) Fluoranthene-d10	18.922	212	6336	0.194	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	1987	0.108	ng/ul#	93
7) 2-Methylnaphthalene	11.920	142	755	0.058	ng/ul	98
8) 1-Methylnaphthalene	12.140	142	609	0.046	ng/ul	98
10) Acenaphthylene	13.844	152	4916	0.231	ng/ul	98
11) Acenaphthene	14.191	153	2739	0.192	ng/ul	96
12) Fluorene	15.186	166	3698	0.210	ng/ul	95
15) Phenanthrene	16.925	178	113442	4.104	ng/ul	98
16) Anthracene	17.013	178	17314	0.642	ng/ul	99
19) Fluoranthene	18.954	202	528717	12.007	ng/ul#	97
20) Pyrene	19.317	202	329297	6.907	ng/ul#	95
21) Benzo(a)anthracene	21.076	228	186504	3.933	ng/ul	99
22) Chrysene	21.129	228	226084	4.927	ng/ul	99
24) Benzo(b)fluoranthene	22.595	252	265655m	7.705	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	90761m	2.681	ng/ul	
26) Benzo(a)pyrene	23.136	252	81856m	2.885	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.337	276	97753	2.264	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	30875	0.903	ng/ul	99
29) Benzo(g,h,i)perylene	25.980	276	14770	0.429	ng/ul#	90

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

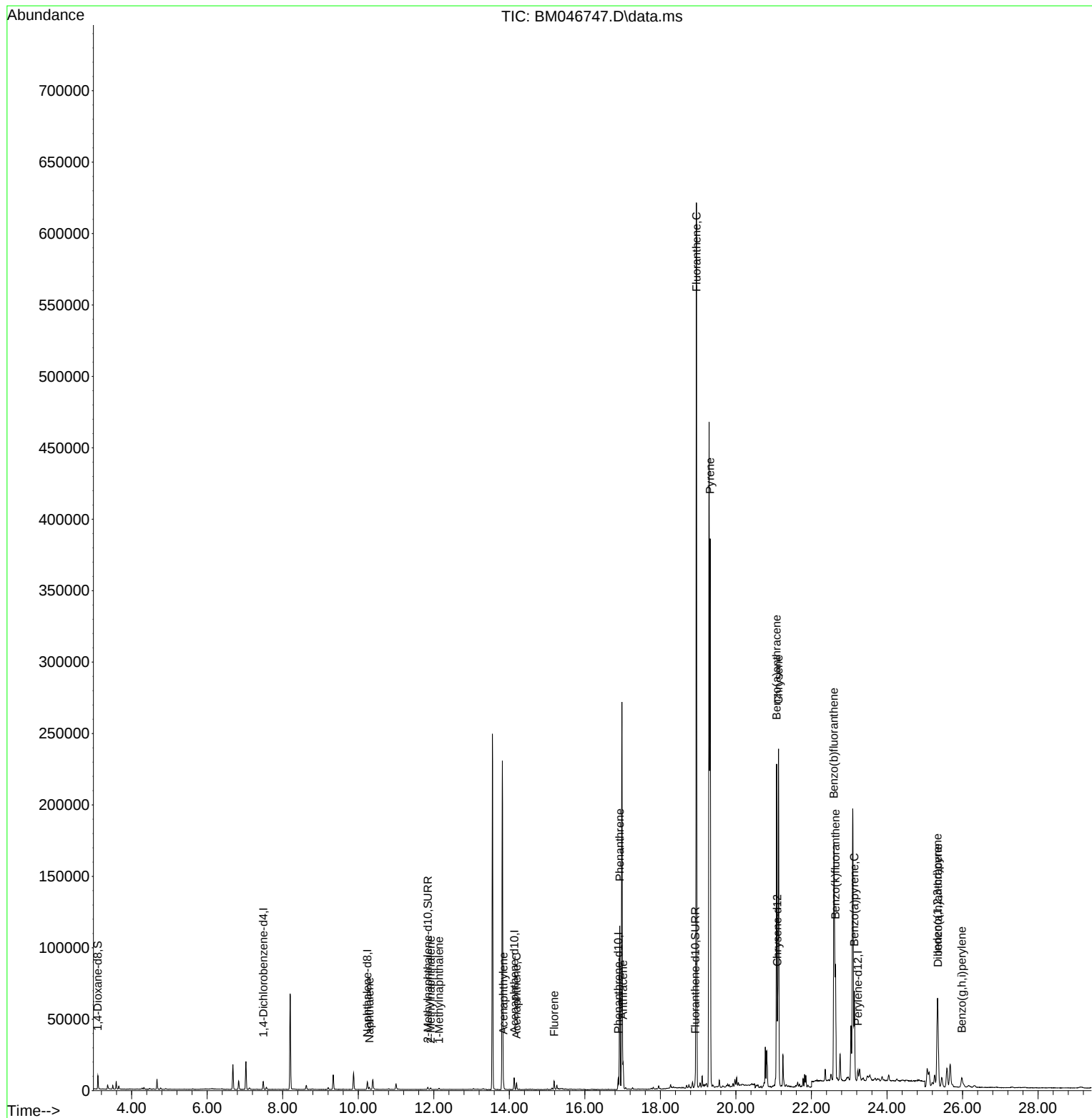
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072224\
Data File : BM046747.D
Acq On : 22 Jul 2024 12:18
Operator : MA/JU
Sample : P3238-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

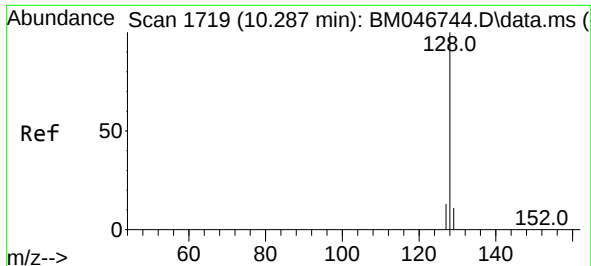
Instrument :
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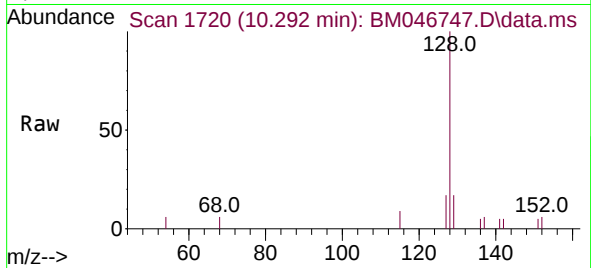
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.108 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

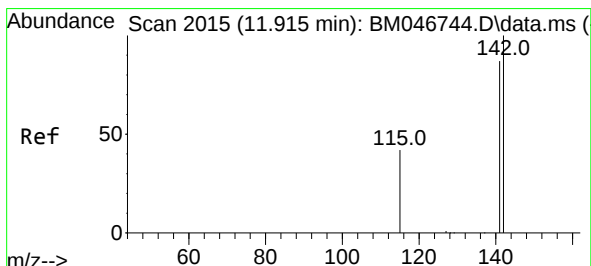
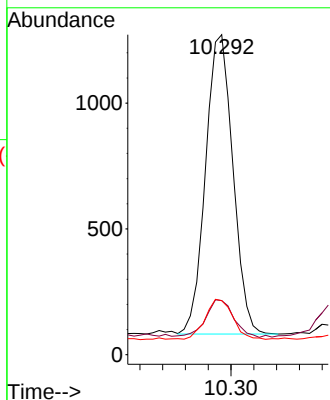
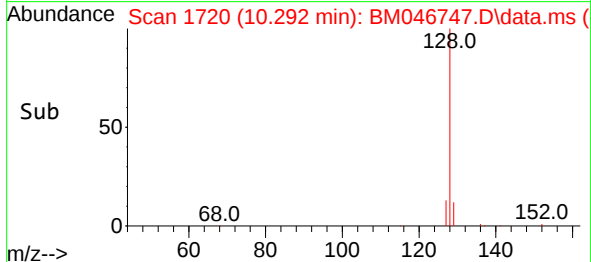
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:128 Resp: 198
Ion Ratio Lower Upper
128 100
129 16.9 10.3 15.5
127 16.9 12.2 18.4

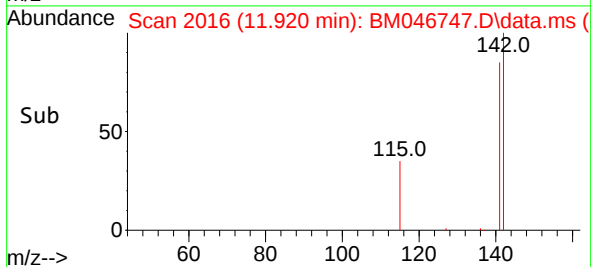
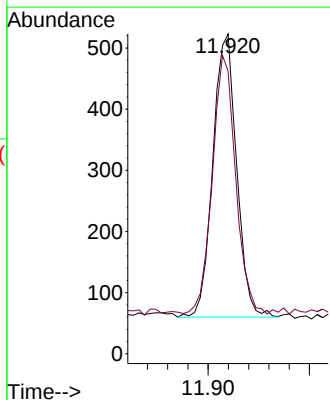
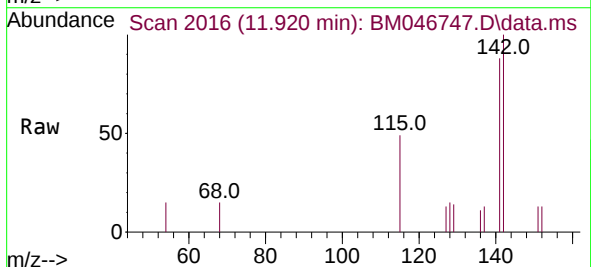
Manual Integrations
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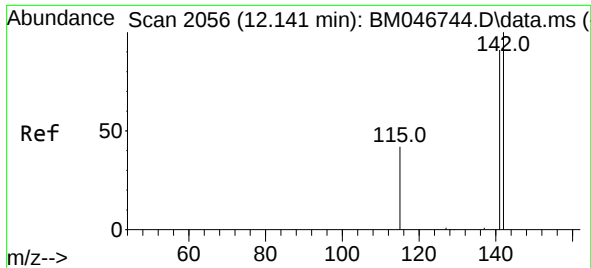
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#7
2-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

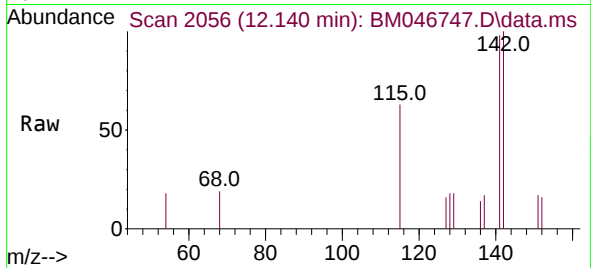
Tgt Ion:142 Resp: 755
Ion Ratio Lower Upper
142 100
141 89.9 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.046 ng/u1
RT: 12.140 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

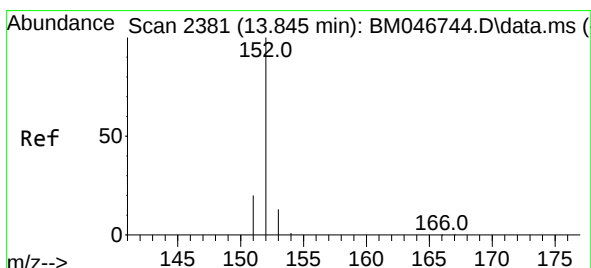
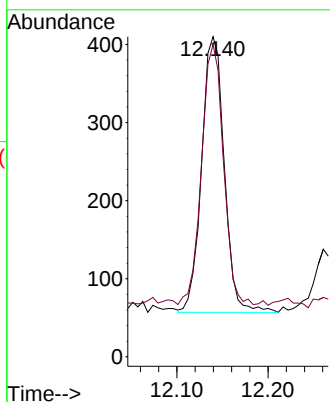
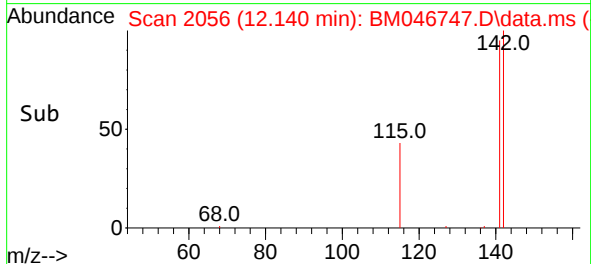
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:142 Resp: 609
Ion Ratio Lower Upper
142 100
141 90.8 73.9 110.9

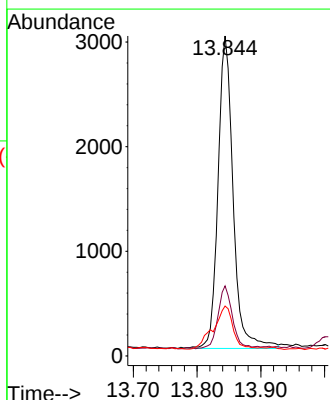
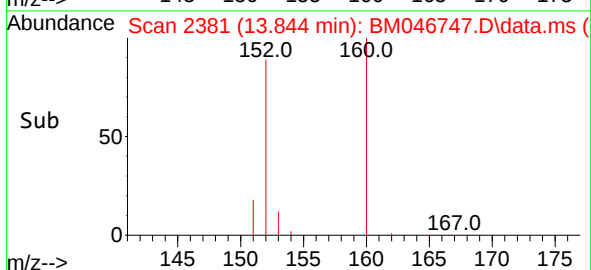
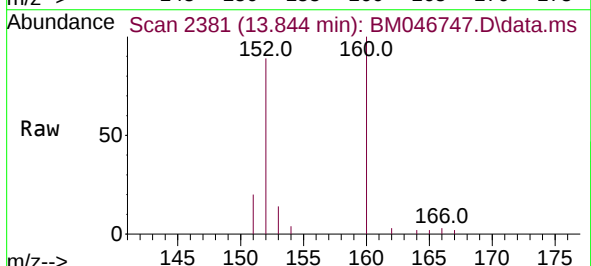
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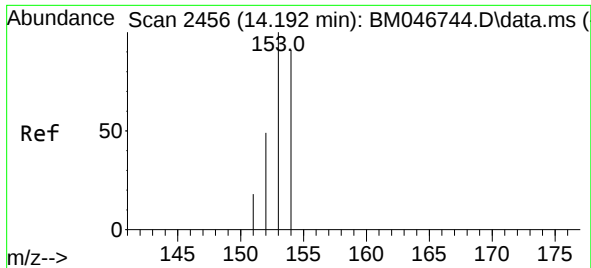
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#10
Acenaphthylene
Concen: 0.231 ng/u1
RT: 13.844 min Scan# 2381
Delta R.T. -0.005 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

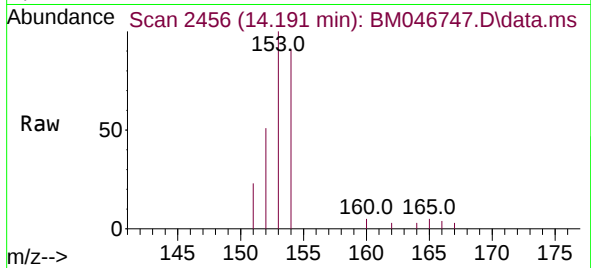
Tgt Ion:152 Resp: 4916
Ion Ratio Lower Upper
152 100
151 21.9 16.4 24.6
153 15.6 12.4 18.6





#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

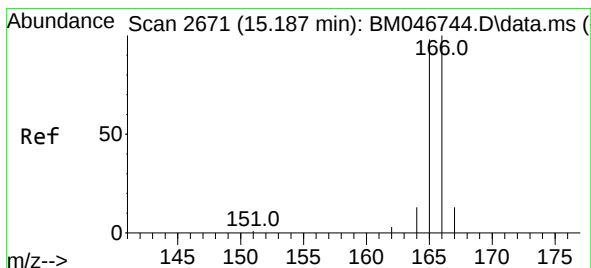
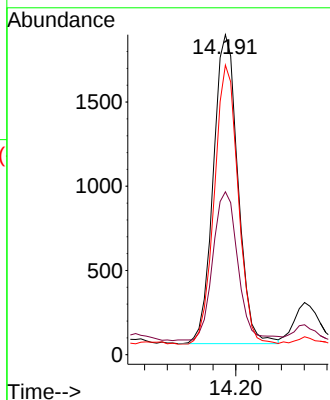
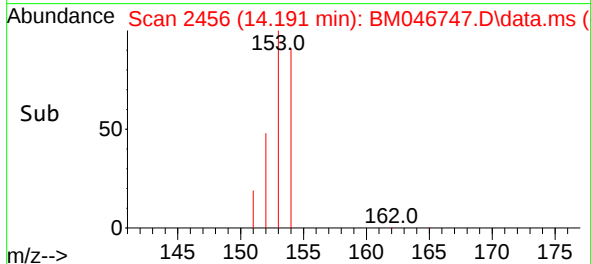
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:153 Resp: 2739
Ion Ratio Lower Upper
153 100
152 50.9 43.0 64.6
154 90.5 69.9 104.9

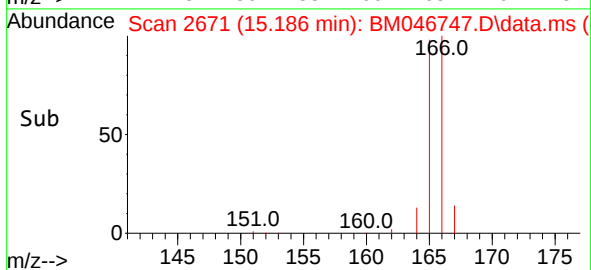
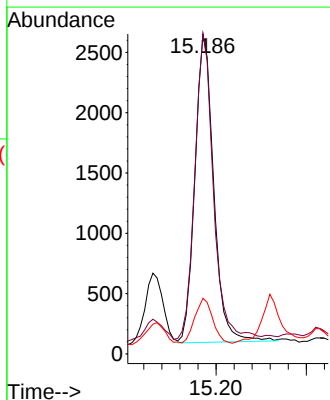
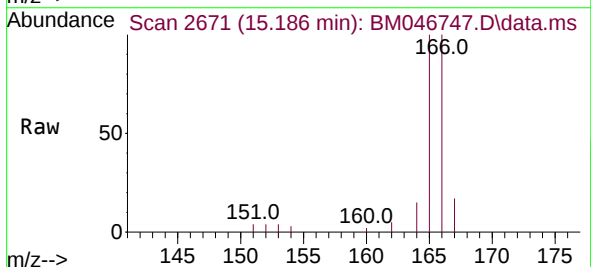
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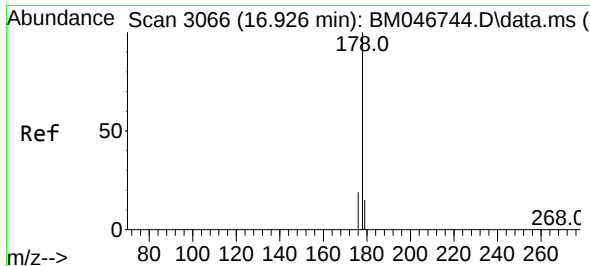
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#12
Fluorene
Concen: 0.210 ng/ul
RT: 15.186 min Scan# 2671
Delta R.T. -0.005 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

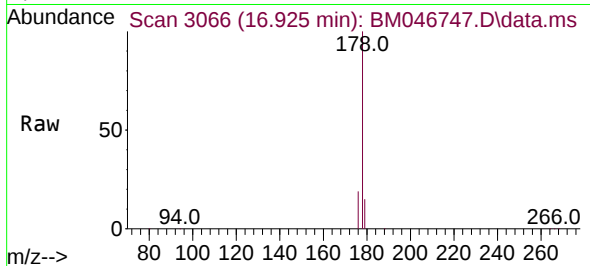
Tgt Ion:166 Resp: 3698
Ion Ratio Lower Upper
166 100
165 100.1 76.1 114.1
167 17.4 12.5 18.7





#15
Phenanthrene
Concen: 4.104 ng/u1
RT: 16.925 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

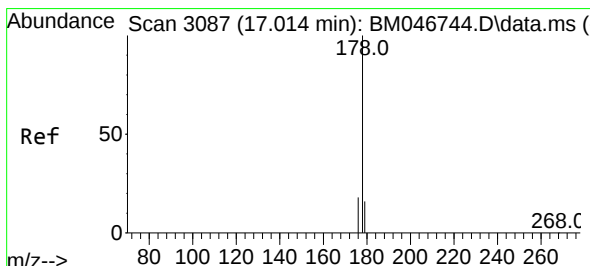
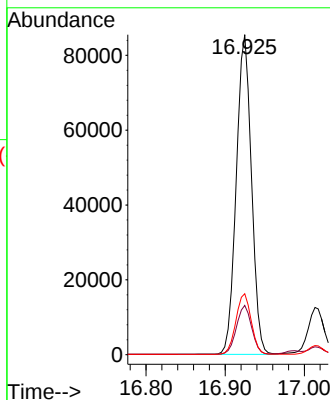
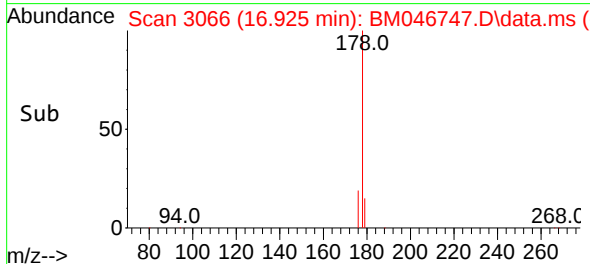
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:178 Resp: 11344
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.0 16.0 24.0

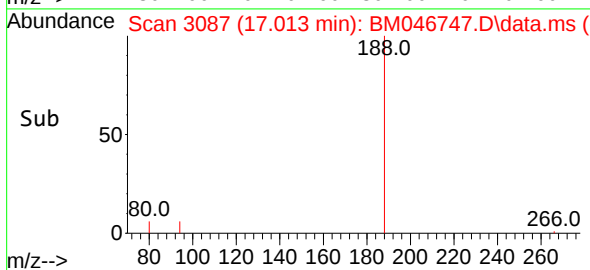
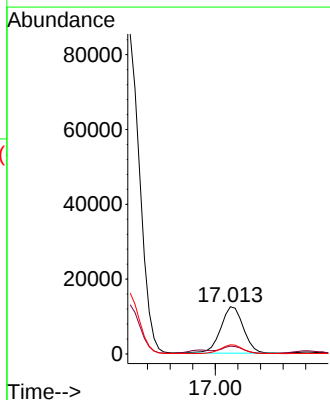
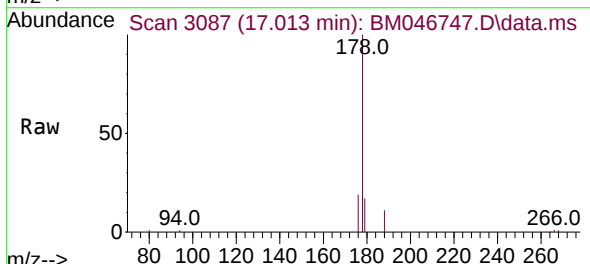
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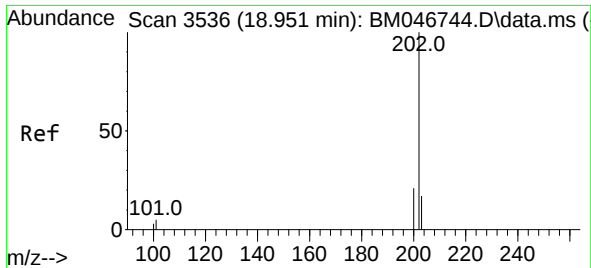
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#16
Anthracene
Concen: 0.642 ng/u1
RT: 17.013 min Scan# 3087
Delta R.T. -0.004 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

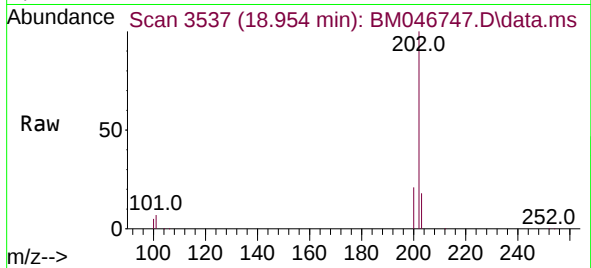
Tgt Ion:178 Resp: 17314
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 19.3 15.7 23.5





#19
Fluoranthene
Concen: 12.007 ng/u1
RT: 18.954 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

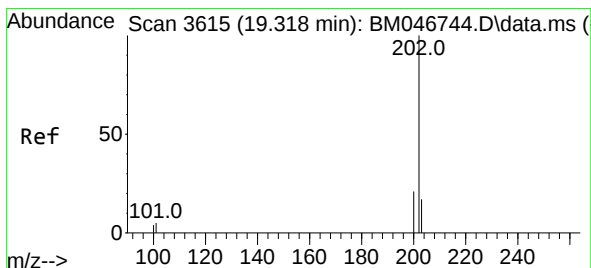
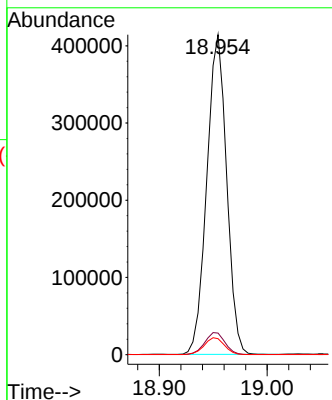
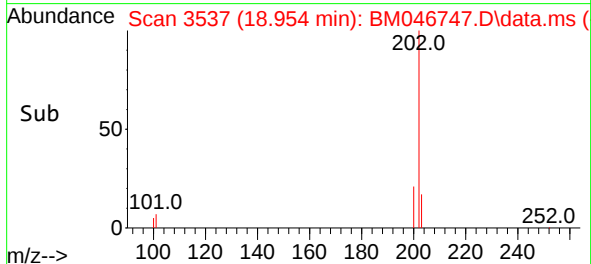
Instrument :
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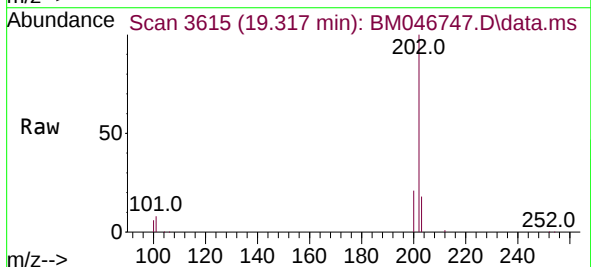
Tgt Ion:202 Resp: 528717
Ion Ratio Lower Upper
202 100
101 6.8 4.6 6.8
100 5.0 3.0 4.6

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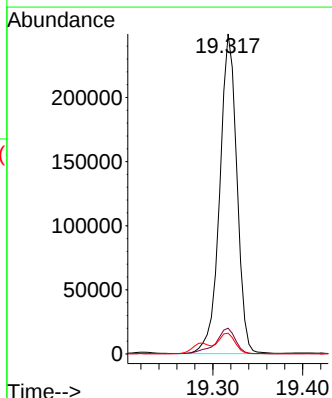
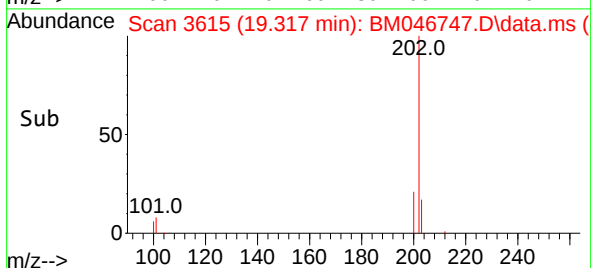
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

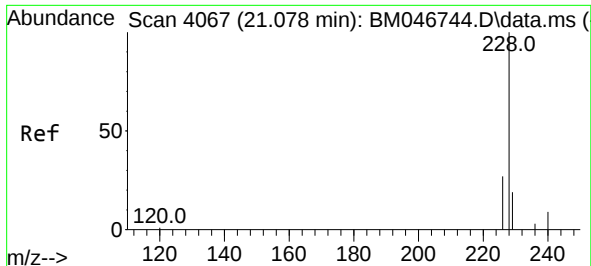


#20
Pyrene
Concen: 6.907 ng/u1
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18



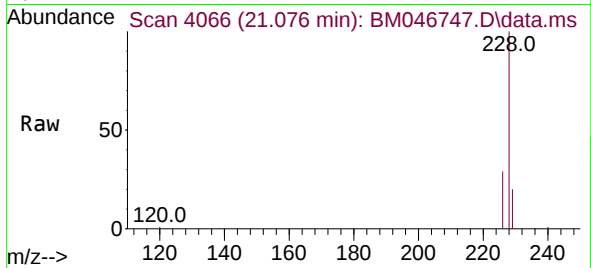
Tgt Ion:202 Resp: 329297
Ion Ratio Lower Upper
202 100
101 8.0 5.1 7.7#
100 6.5 3.8 5.6#





#21
Benzo(a)anthracene
Concen: 3.933 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

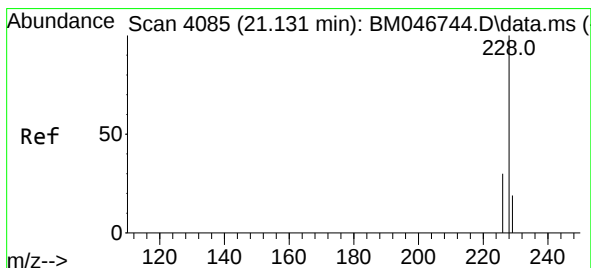
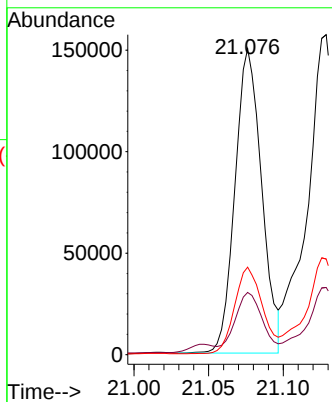
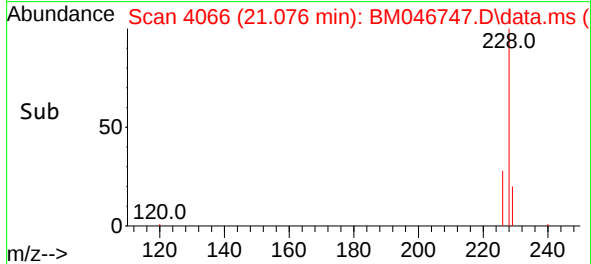
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:228 Resp: 186504
Ion Ratio Lower Upper
228 100
229 20.4 16.5 24.7
226 28.6 22.5 33.7

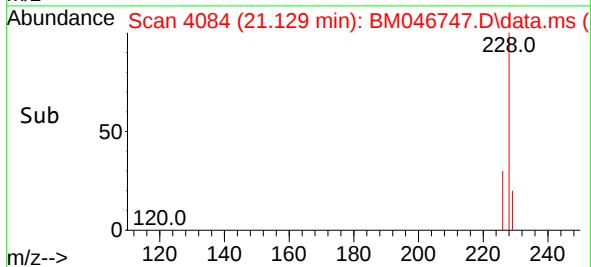
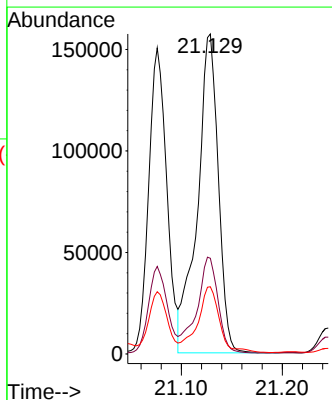
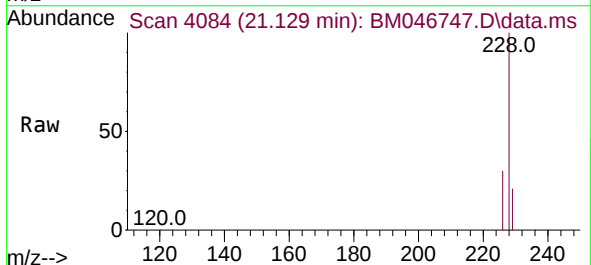
Manual Integrations
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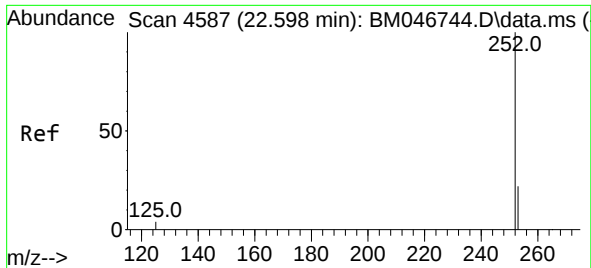
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 4.927 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

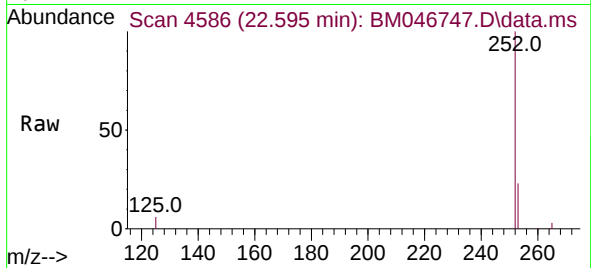
Tgt Ion:228 Resp: 226084
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 21.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 7.705 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

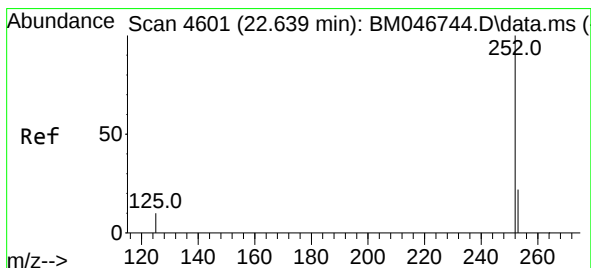
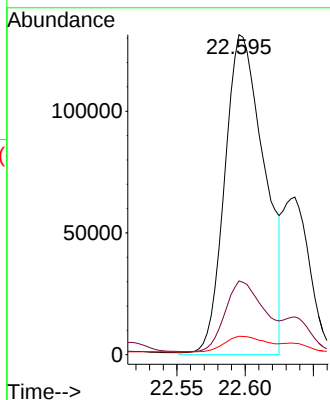
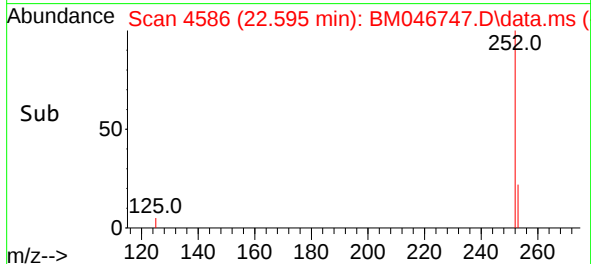
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:252 Resp: 26565
Ion Ratio Lower Upper
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253 23.1 0.0 56.2
125 5.8 0.0 17.8

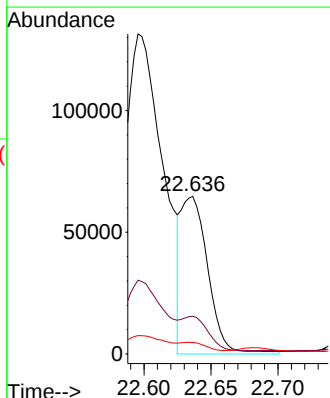
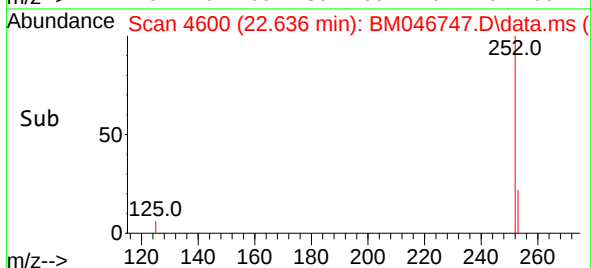
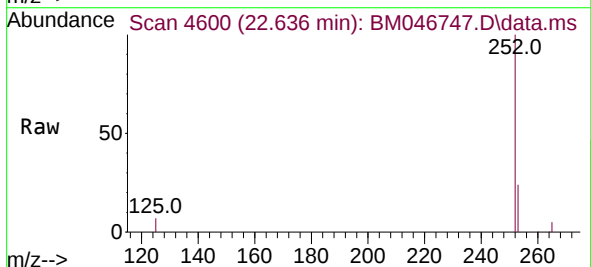
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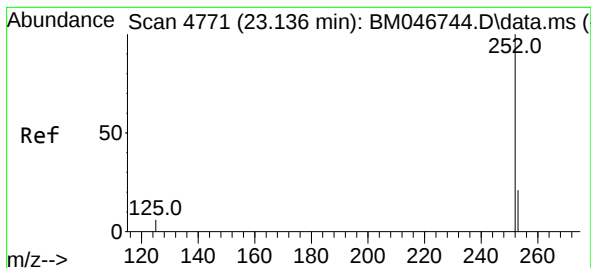
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#25
Benzo(k)fluoranthene
Concen: 2.681 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

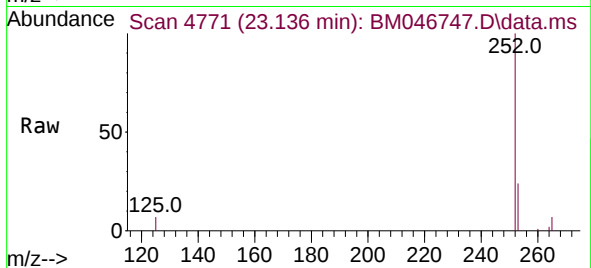
Tgt Ion:252 Resp: 90761
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 7.3 7.0 10.4





#26
Benzo(a)pyrene
Concen: 2.885 ng/ul m
RT: 23.136 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

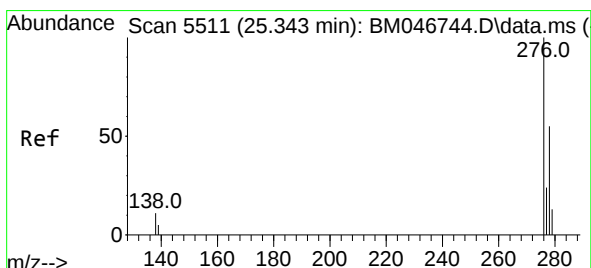
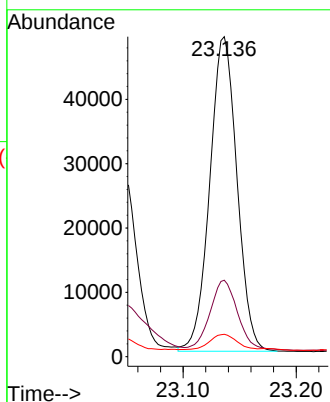
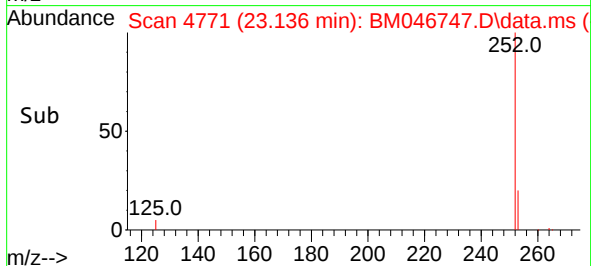
Instrument :
BNA_M
ClientSampleId :
A4BF4



Tgt Ion:252 Resp: 81850
Ion Ratio Lower Upper
252 100
253 23.9 24.0 36.0#
125 7.0 8.2 12.2#

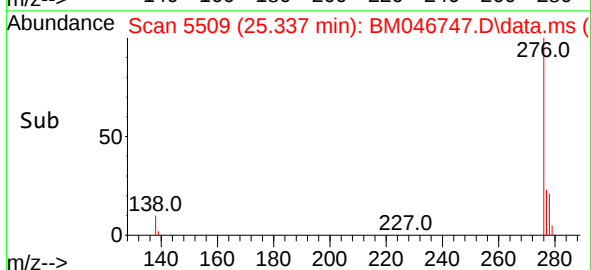
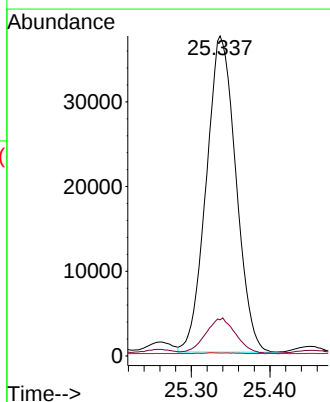
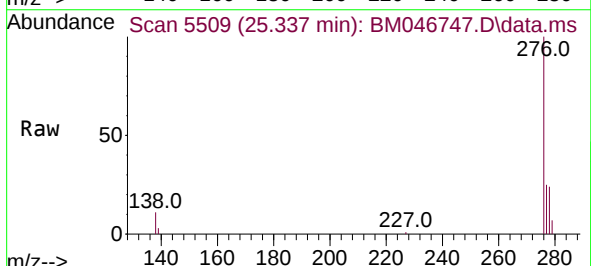
Manual Integrations
APPROVED

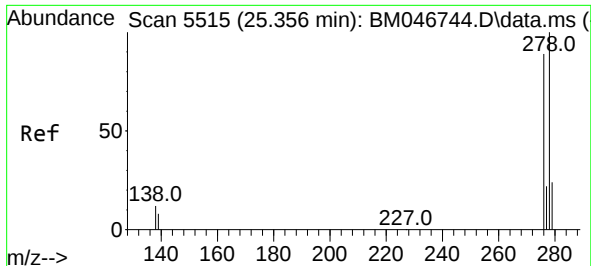
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.264 ng/ul
RT: 25.337 min Scan# 5509
Delta R.T. -0.010 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

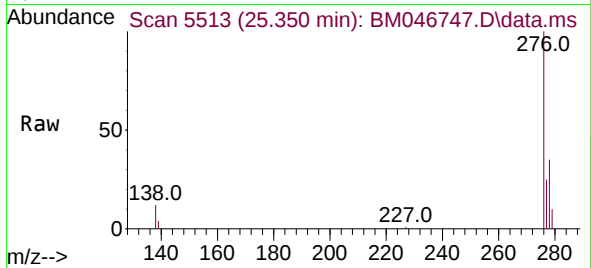
Tgt Ion:276 Resp: 97753
Ion Ratio Lower Upper
276 100
138 11.3 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.903 ng/ul
RT: 25.350 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18

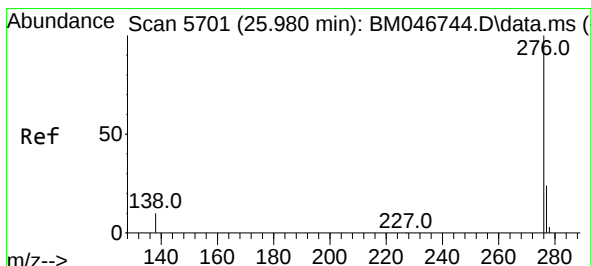
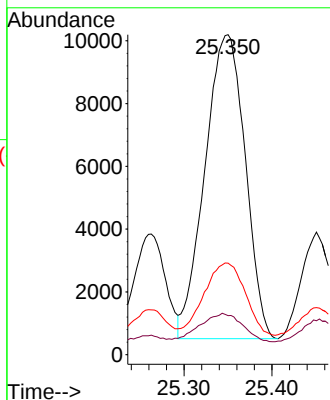
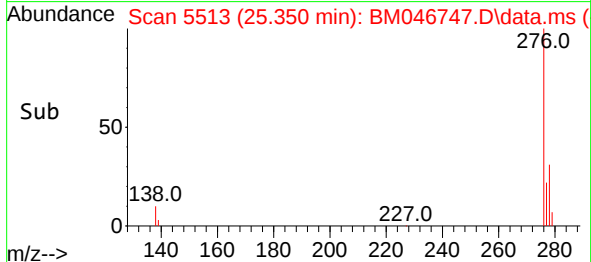
Instrument :
BNA_M
ClientSampleId :
A4BF4



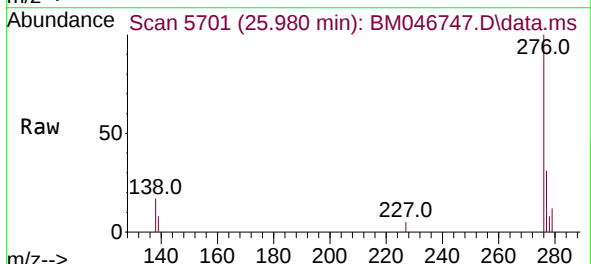
Tgt Ion:278 Resp: 3087
Ion Ratio Lower Upper
278 100
139 12.2 9.1 13.7
279 28.6 23.2 34.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.003 min
Lab File: BM046747.D
Acq: 22 Jul 2024 12:18



Tgt Ion:276 Resp: 14770
Ion Ratio Lower Upper
276 100
138 16.7 10.2 15.4#
277 30.9 20.9 31.3

