

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046738.D
 Acq On : 19 Jul 2024 22:19
 Operator : MA/JU
 Sample : P3201-15
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH9

Manual Integrations
 APPROVED

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

Quant Time: Jul 19 23:58:53 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	4448	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	8494	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	5787	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	12423	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	9273	0.400	ng/ul	# 0.00
23) Perylene-d12	23.230	264	10098	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.109	96	6237	1.707	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.842	152	2718	0.198	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	6398	0.227	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	4015	0.186	ng/ul	99
7) 2-Methylnaphthalene	11.919	142	2073	0.137	ng/ul	100
8) 1-Methylnaphthalene	12.145	142	1454	0.094	ng/ul	99
10) Acenaphthylene	13.848	152	2928	0.111	ng/ul	93
11) Acenaphthene	14.191	153	9172	0.520	ng/ul	98
12) Fluorene	15.190	166	10255	0.470	ng/ul	98
15) Phenanthrene	16.929	178	125223	3.532	ng/ul	98
16) Anthracene	17.017	178	25454	0.736	ng/ul	99
19) Fluoranthene	18.954	202	176352	4.630	ng/ul	99
20) Pyrene	19.317	202	115355	2.797	ng/ul	99
21) Benzo(a)anthracene	21.076	228	74615	1.819	ng/ul	99
22) Chrysene	21.129	228	73904	1.862	ng/ul	97
24) Benzo(b)fluoranthene	22.595	252	94209m	2.336	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	31969m	0.807	ng/ul	
26) Benzo(a)pyrene	23.136	252	33697	1.015	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.340	276	33345	0.660	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.350	278	11889	0.297	ng/ul#	82
29) Benzo(g,h,i)perylene	25.984	276	4864	0.121	ng/ul#	69

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

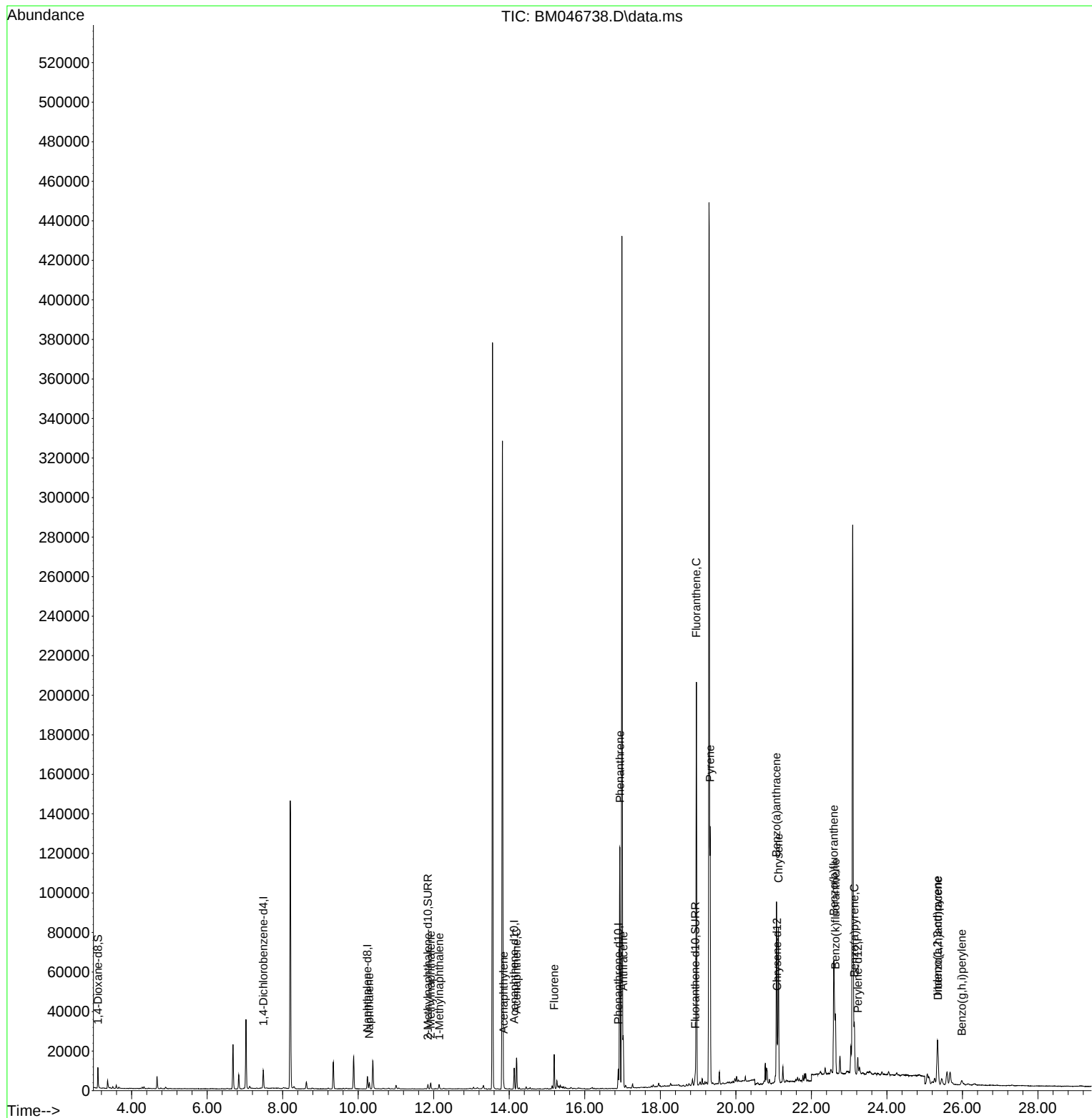
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046738.D
Acq On : 19 Jul 2024 22:19
Operator : MA/JU
Sample : P3201-15
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ALS Vial : 20 Sample Multiplier: 1

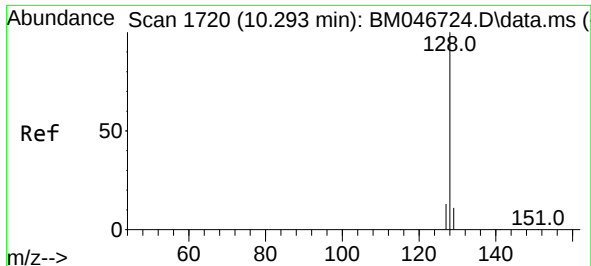
Instrument :
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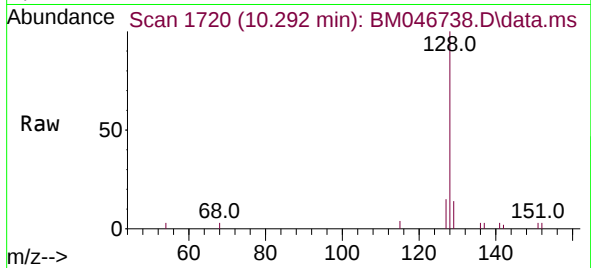
Quant Time: Jul 19 23:58:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.186 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.006 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

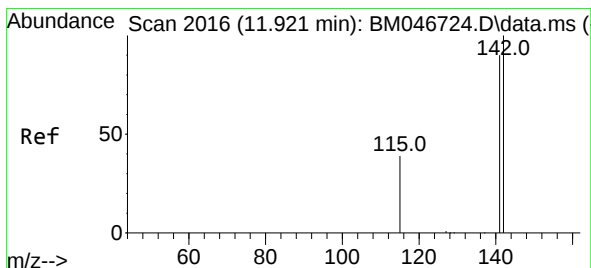
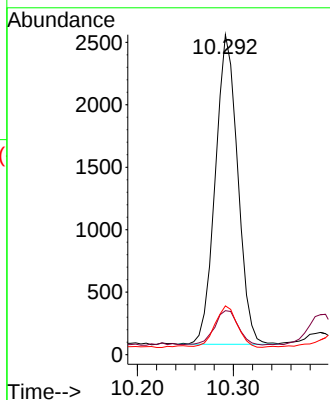
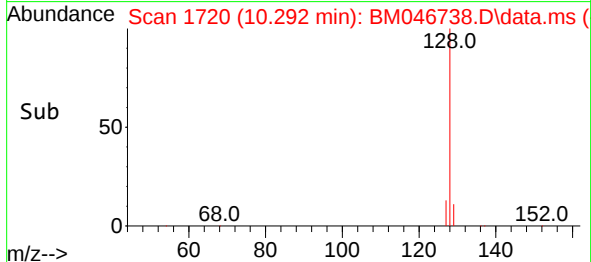
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:128 Resp: 4015
Ion Ratio Lower Upper
128 100
129 13.7 10.3 15.5
127 15.2 12.2 18.4

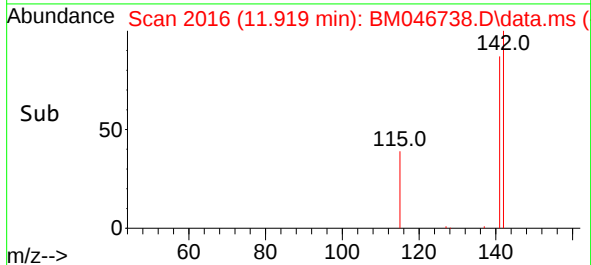
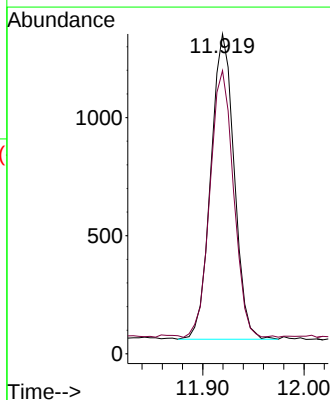
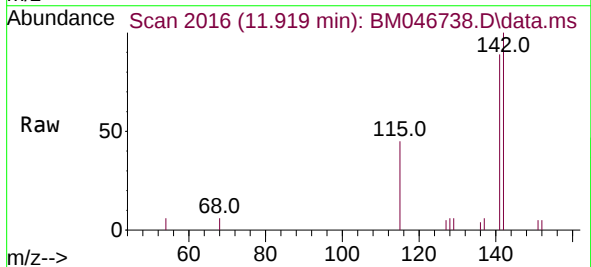
Manual Integrations
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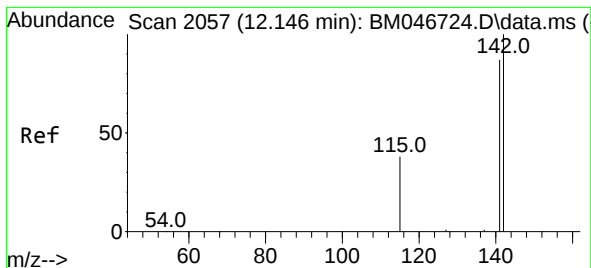
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#7
2-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 11.919 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

Tgt Ion:142 Resp: 2073
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5





#8

1-Methylnaphthalene

Concen: 0.094 ng/ul

RT: 12.145 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BM046738.D

Acq: 19 Jul 2024 22:19

Instrument :

BNA_M

ClientSampleId :

A4CH9

Tgt Ion:142 Resp: 1454

Ion Ratio Lower Upper

142 100

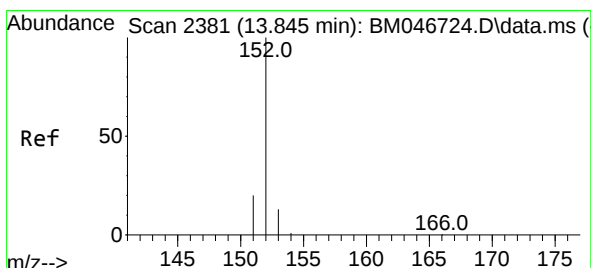
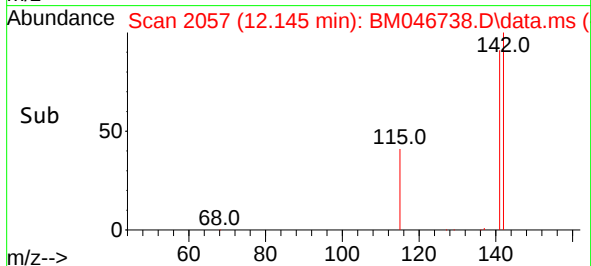
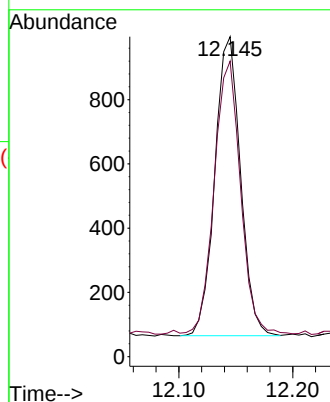
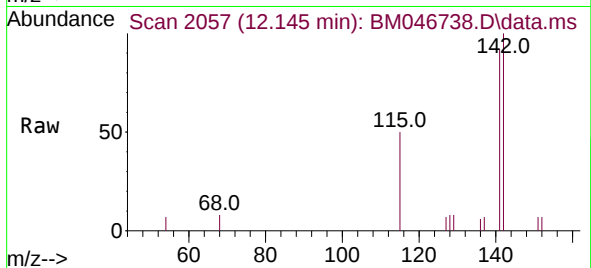
141 93.1 73.9 110.9

Manual Integrations

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Supervised By :mohammad ahmed 07/20/2024



#10

Acenaphthylene

Concen: 0.111 ng/ul

RT: 13.848 min Scan# 2382

Delta R.T. -0.000 min

Lab File: BM046738.D

Acq: 19 Jul 2024 22:19

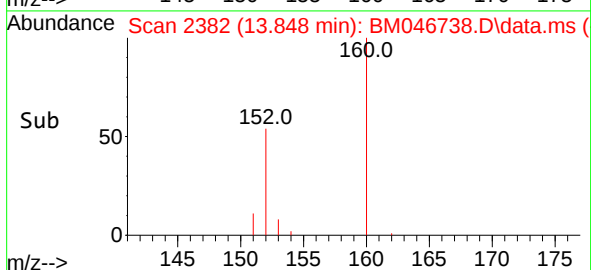
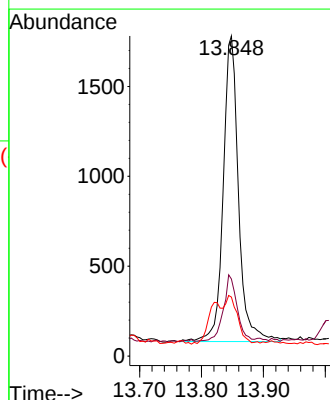
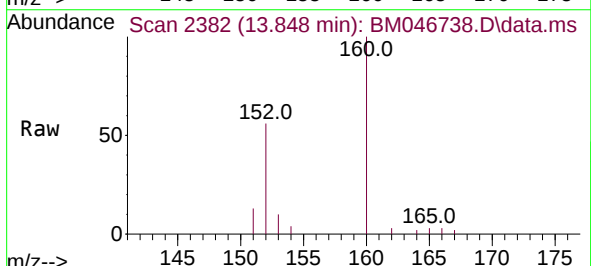
Tgt Ion:152 Resp: 2928

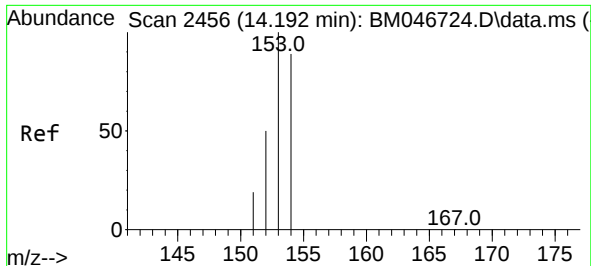
Ion Ratio Lower Upper

152 100

151 24.1 16.4 24.6

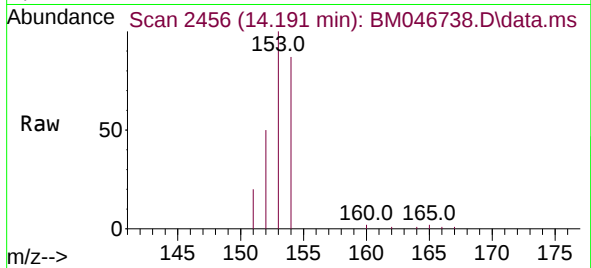
153 18.4 12.4 18.6





#11
Acenaphthene
Concen: 0.520 ng/ul
RT: 14.191 min Scan# 2456
Delta R.T. -0.005 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

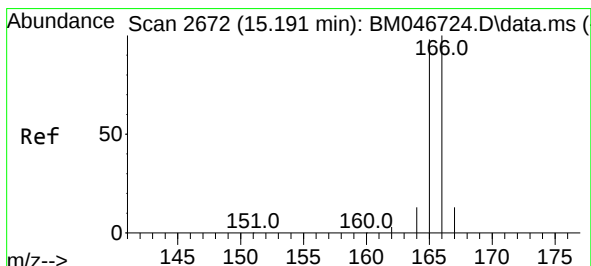
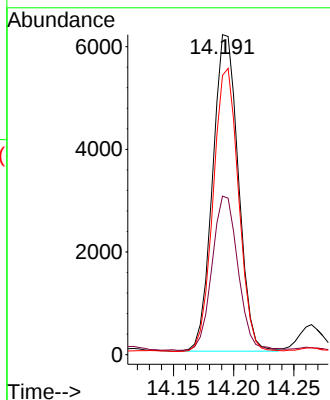
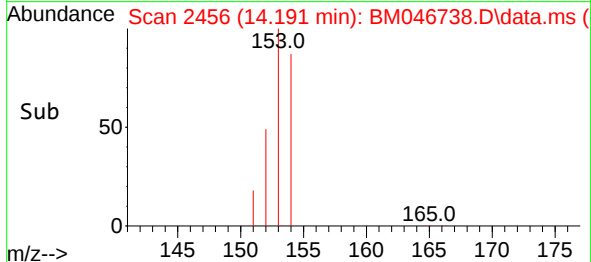
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:153 Resp: 9172
Ion Ratio Lower Upper
153 100
152 49.6 43.0 64.6
154 87.3 69.9 104.9

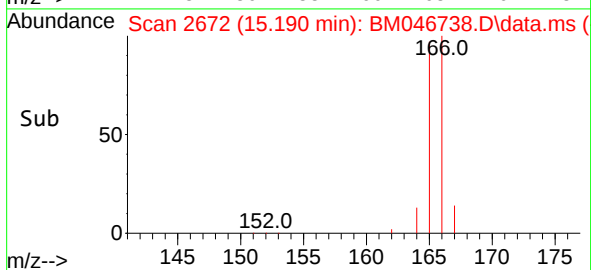
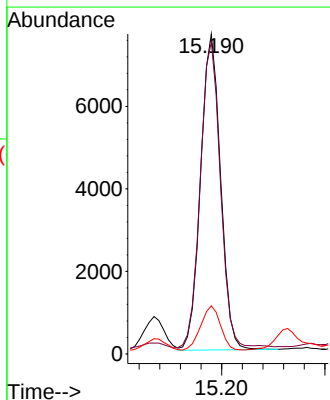
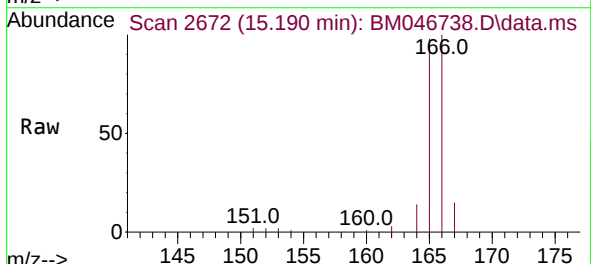
Manual Integrations
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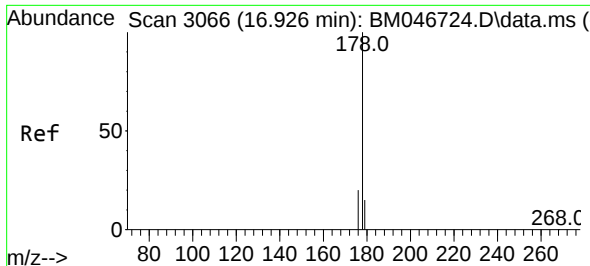
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.470 ng/ul
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

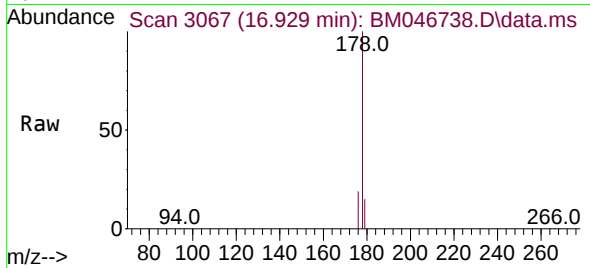
Tgt Ion:166 Resp: 10255
Ion Ratio Lower Upper
166 100
165 97.6 76.1 114.1
167 15.0 12.5 18.7





#15
Phenanthrene
Concen: 3.532 ng/u1
RT: 16.929 min Scan# 3066
Delta R.T. 0.004 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

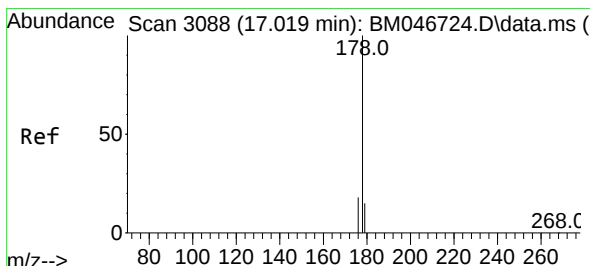
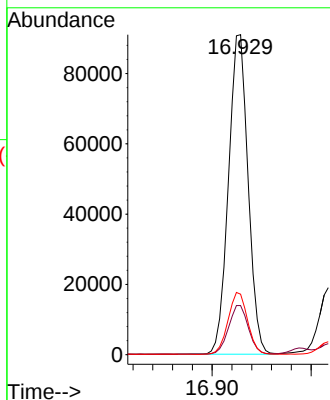
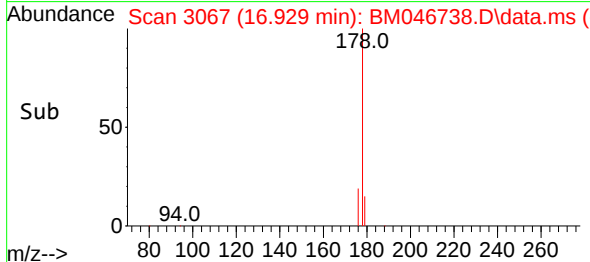
Instrument :
BNA_M
ClientSampleId :
A4CH9



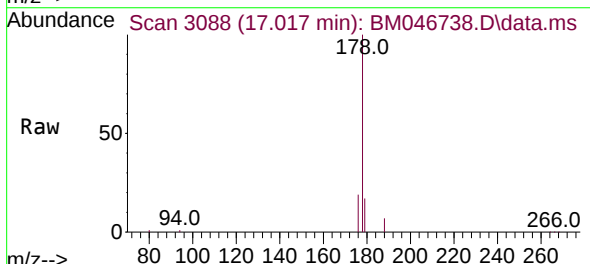
Tgt Ion:178 Resp: 125223
Ion Ratio Lower Upper
178 100
179 15.3 13.1 19.7
176 18.9 16.0 24.0

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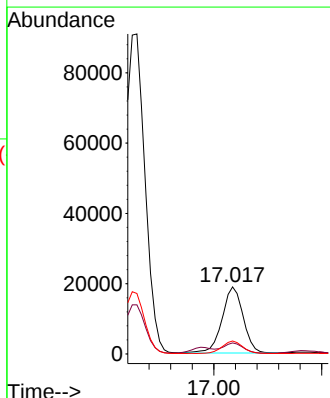
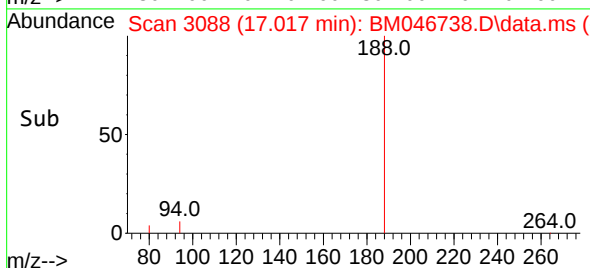
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

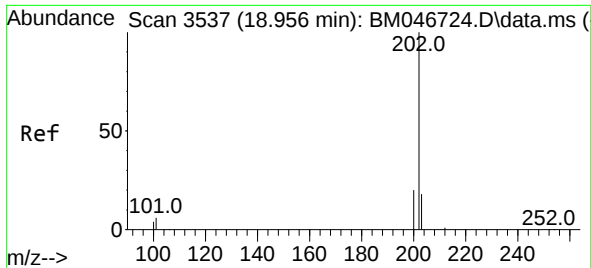


#16
Anthracene
Concen: 0.736 ng/u1
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19



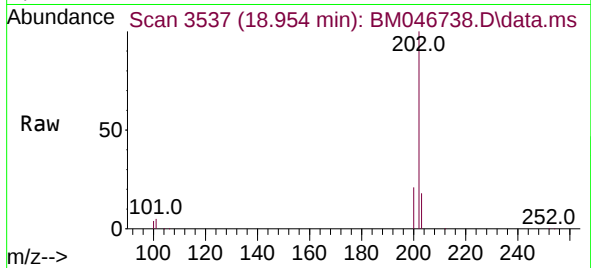
Tgt Ion:178 Resp: 25454
Ion Ratio Lower Upper
178 100
179 16.5 13.5 20.3
176 19.4 15.7 23.5





#19
Fluoranthene
Concen: 4.630 ng/ul
RT: 18.954 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

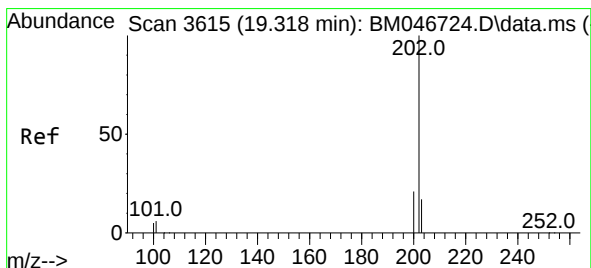
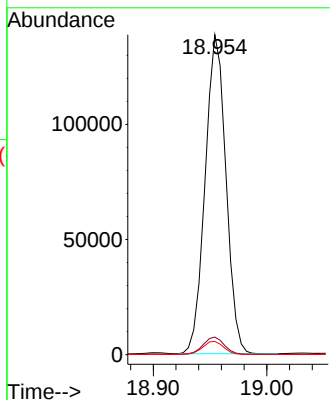
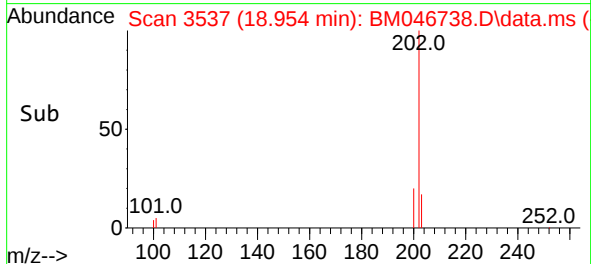
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:202 Resp: 176352
Ion Ratio Lower Upper
202 100
101 5.5 4.6 6.8
100 4.2 3.0 4.6

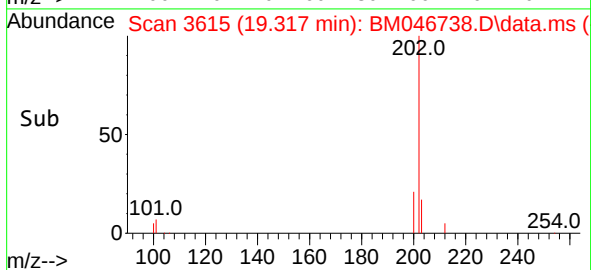
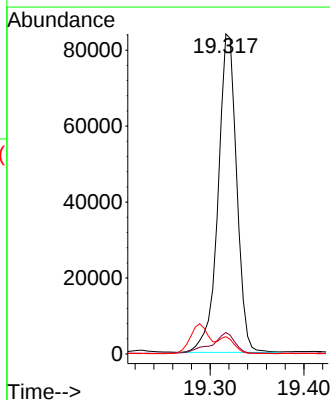
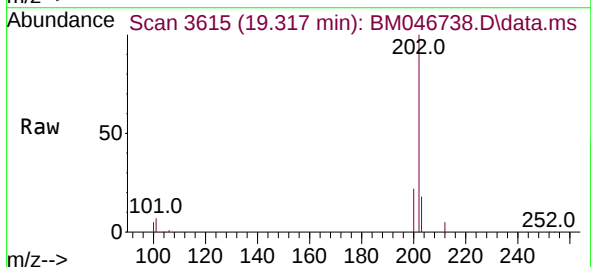
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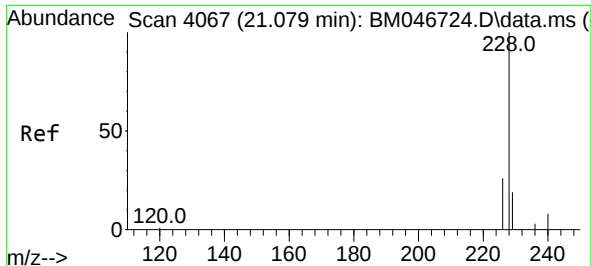
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#20
Pyrene
Concen: 2.797 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.005 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

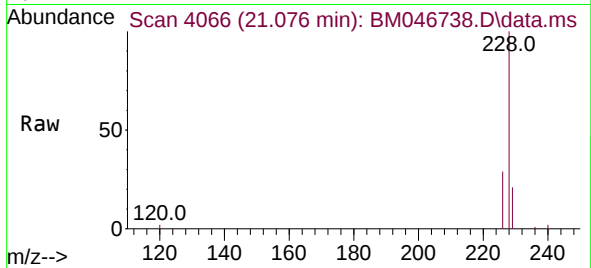
Tgt Ion:202 Resp: 115355
Ion Ratio Lower Upper
202 100
101 6.7 5.1 7.7
100 5.4 3.8 5.6





#21
Benzo(a)anthracene
Concen: 1.819 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

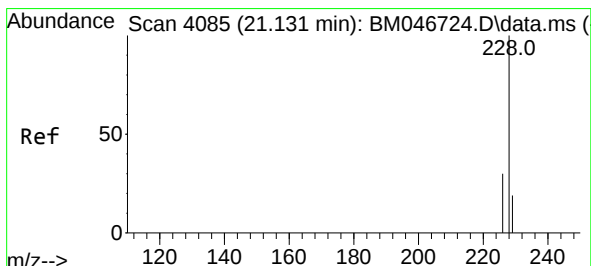
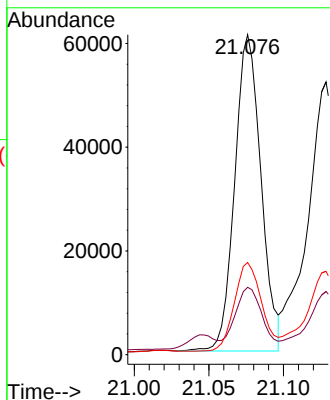
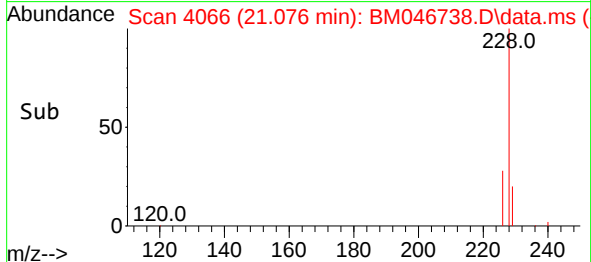
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:228 Resp: 74615
Ion Ratio Lower Upper
228 100
229 21.1 16.5 24.7
226 28.8 22.5 33.7

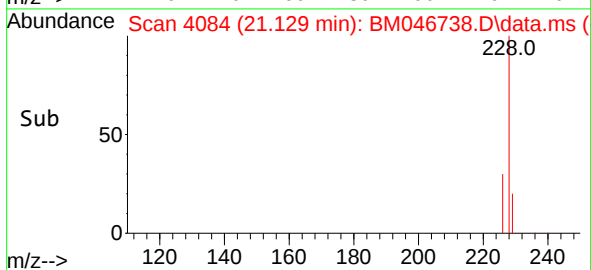
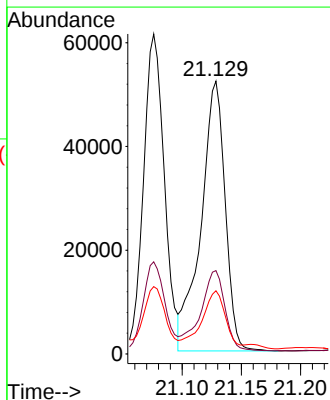
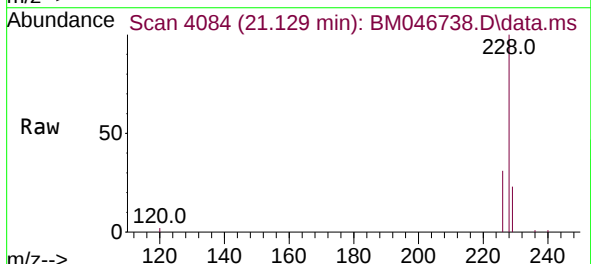
Manual Integrations
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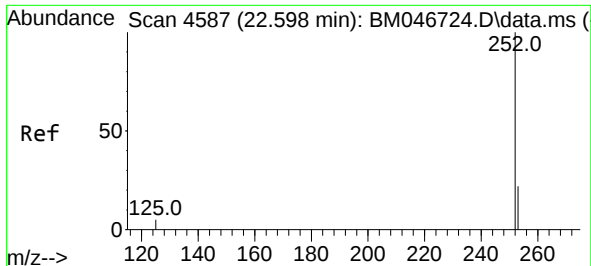
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 1.862 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

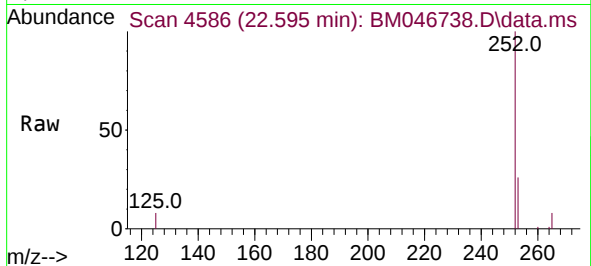
Tgt Ion:228 Resp: 73904
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 23.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.336 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

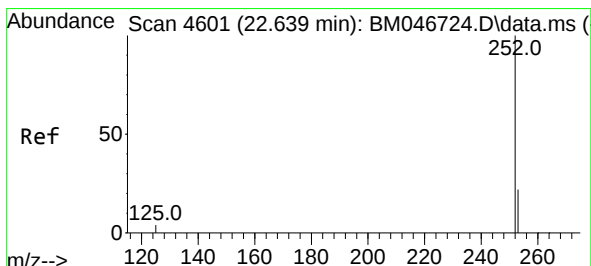
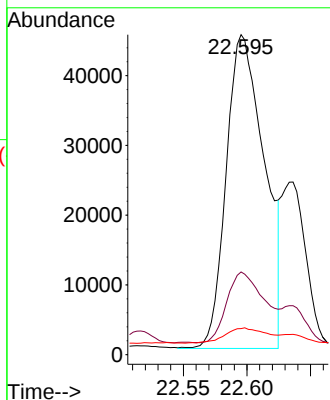
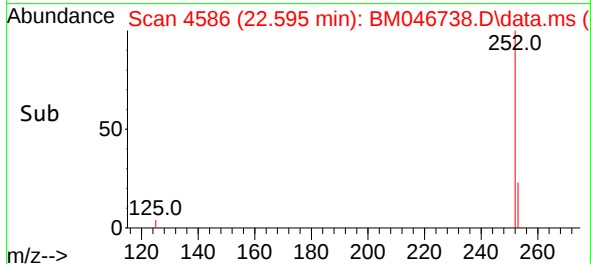
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:252 Resp: 94209
Ion Ratio Lower Upper
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253 25.8 0.0 56.2
125 8.2 0.0 17.8

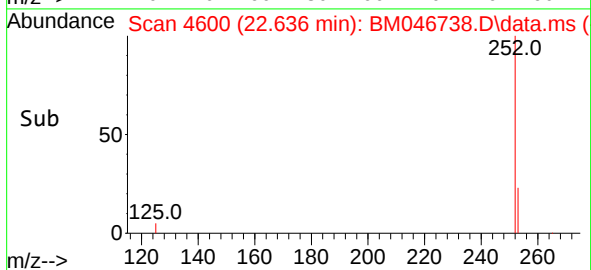
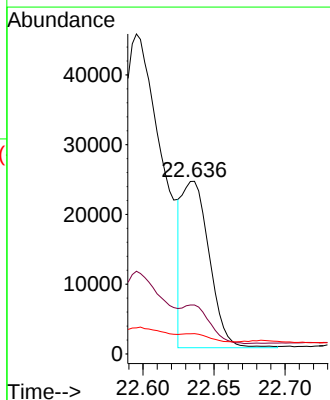
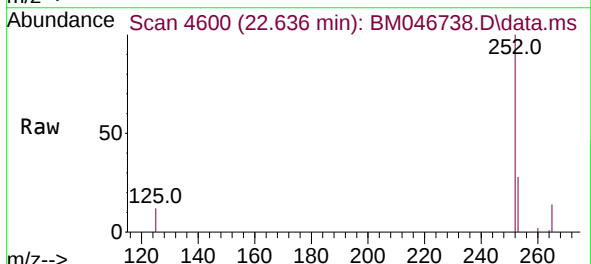
Manual Integrations
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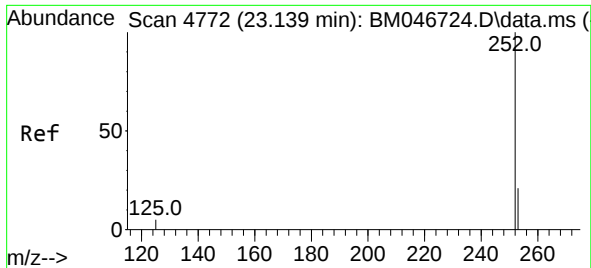
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.807 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

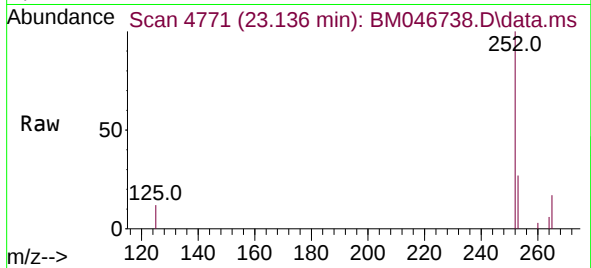
Tgt Ion:252 Resp: 31969
Ion Ratio Lower Upper
252 100
253 28.4 22.4 33.6
125 11.8 7.0 10.4#





#26
Benzo(a)pyrene
Concen: 1.015 ng/ul
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

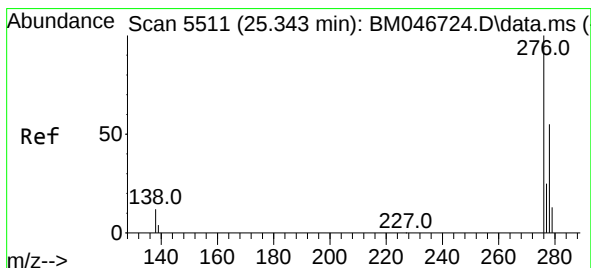
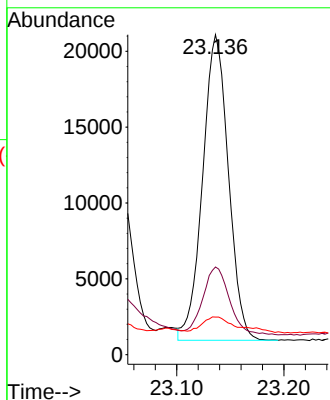
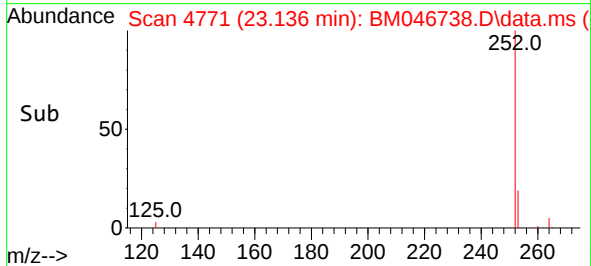
Instrument :
BNA_M
ClientSampleId :
A4CH9



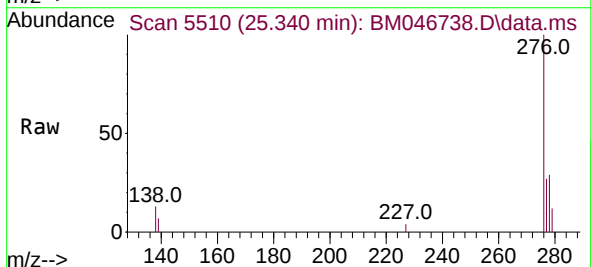
Tgt Ion:252 Resp: 3369
Ion Ratio Lower Upper
252 100
253 27.4 24.0 36.0
125 11.7 8.2 12.2

Manual Integrations
APPROVED

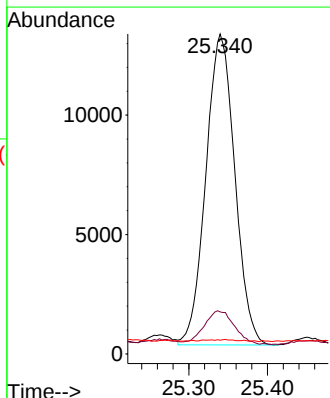
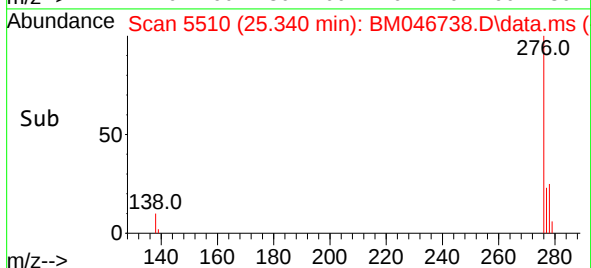
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

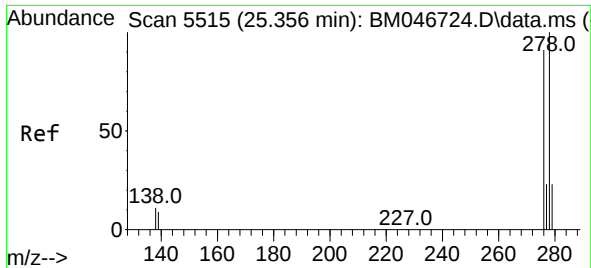


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.660 ng/ul
RT: 25.340 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19



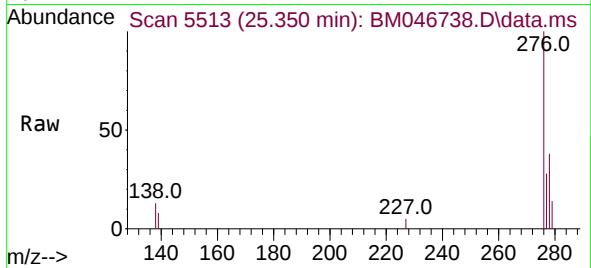
Tgt Ion:276 Resp: 33345
Ion Ratio Lower Upper
276 100
138 11.1 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.297 ng/ul
RT: 25.350 min Scan# 5118
Delta R.T. -0.010 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

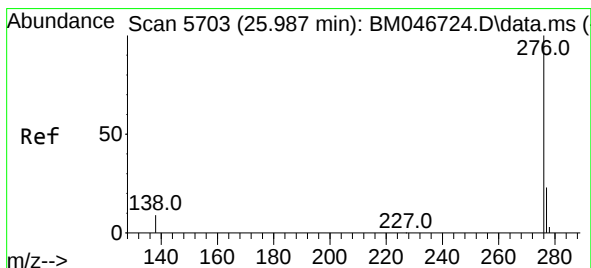
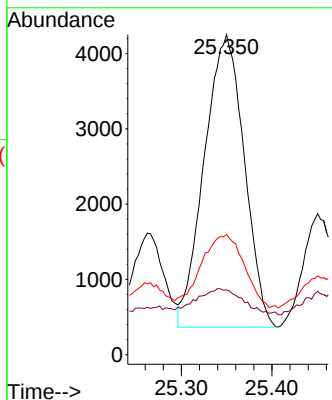
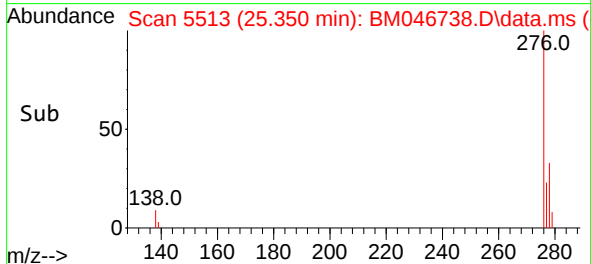
Instrument :
BNA_M
ClientSampleId :
A4CH9



Tgt Ion:278 Resp: 11889
Ion Ratio Lower Upper
278 100
139 20.2 9.1 13.7#
279 37.5 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: 0.121 ng/ul
RT: 25.984 min Scan# 5702
Delta R.T. -0.000 min
Lab File: BM046738.D
Acq: 19 Jul 2024 22:19

Tgt Ion:276 Resp: 4864
Ion Ratio Lower Upper
276 100
138 28.7 10.2 15.4#
277 39.8 20.9 31.3#

