

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
 Data File : BM046740.D
 Acq On : 19 Jul 2024 23:33
 Operator : MA/JU
 Sample : P3201-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CH8

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 00:24:08 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	7.484	152	3435	0.400	ng/ul	0.00
4) Naphthalene-d8	10.242	136	9747	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.131	164	5794	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.887	188	10956	0.400	ng/ul	0.00
17) Chrysene-d12	21.093	240	7617	0.400	ng/ul	# 0.00
23) Perylene-d12	23.227	264	8756	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	6973	2.471	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.842	152	2992	0.190	ng/ul	0.00
18) Fluoranthene-d10	18.926	212	7036	0.304	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.292	128	3569	0.144	ng/ul	99
7) 2-Methylnaphthalene	11.919	142	1343	0.077	ng/ul	98
8) 1-Methylnaphthalene	12.145	142	1062	0.060	ng/ul	97
10) Acenaphthylene	13.848	152	10051	0.381	ng/ul	98
11) Acenaphthene	14.195	153	3973	0.225	ng/ul	97
12) Fluorene	15.190	166	5153	0.236	ng/ul	97
15) Phenanthrene	16.925	178	105359	3.370	ng/ul	98
16) Anthracene	17.017	178	30473	0.999	ng/ul	98
19) Fluoranthene	18.954	202	404313	12.923	ng/ul#	98
20) Pyrene	19.321	202	213128	6.292	ng/ul	99
21) Benzo(a)anthracene	21.076	228	166429	4.939	ng/ul	96
22) Chrysene	21.129	228	152796	4.686	ng/ul	98
24) Benzo(b)fluoranthene	22.595	252	220561m	6.307	ng/ul	
25) Benzo(k)fluoranthene	22.636	252	74985m	2.184	ng/ul	
26) Benzo(a)pyrene	23.136	252	85192m	2.960	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.340	276	81794	1.867	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.346	278	26087	0.752	ng/ul	94
29) Benzo(g,h,i)perylene	25.980	276	11839	0.339	ng/ul#	88

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

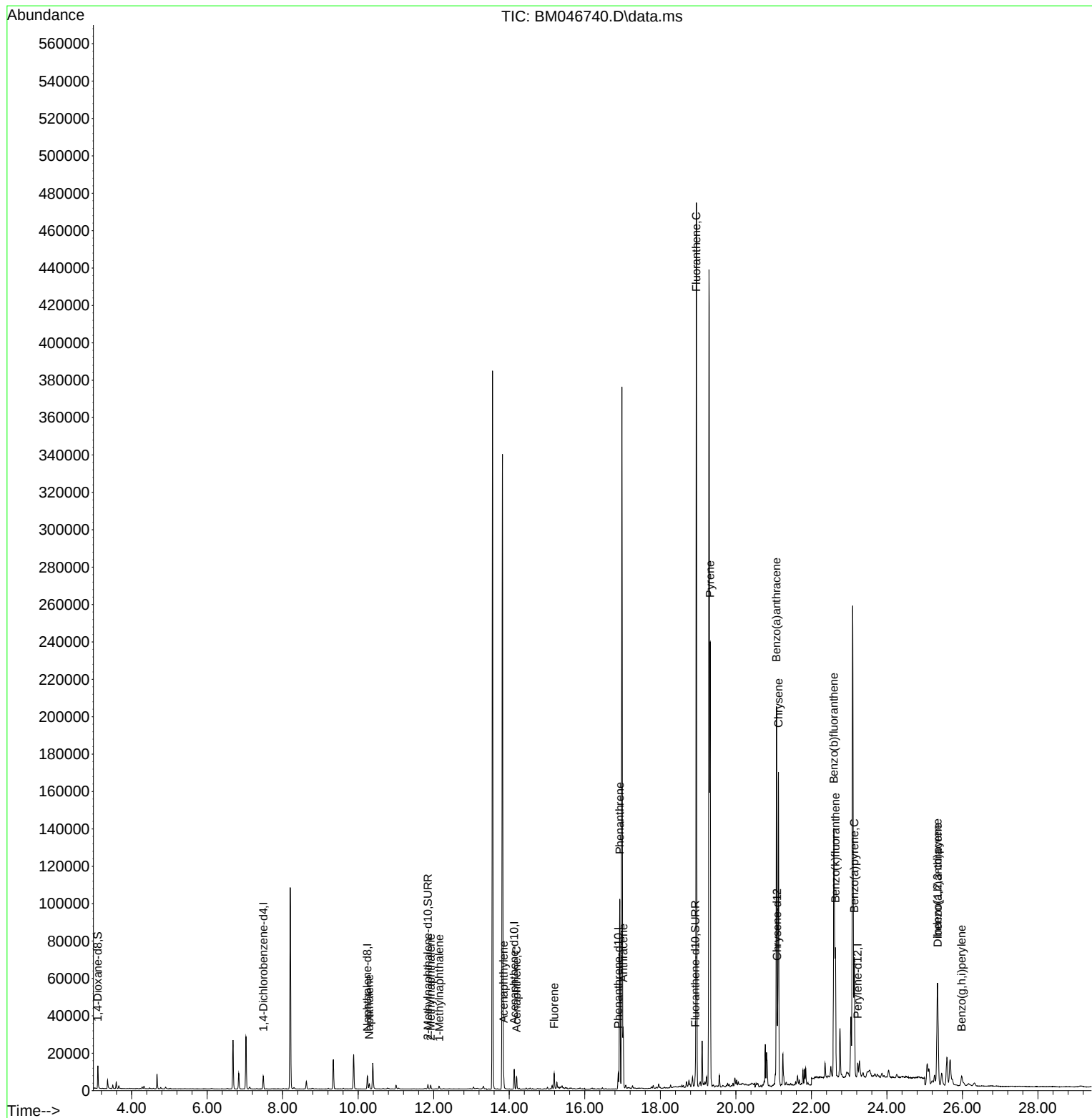
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071924\
Data File : BM046740.D
Acq On : 19 Jul 2024 23:33
Operator : MA/JU
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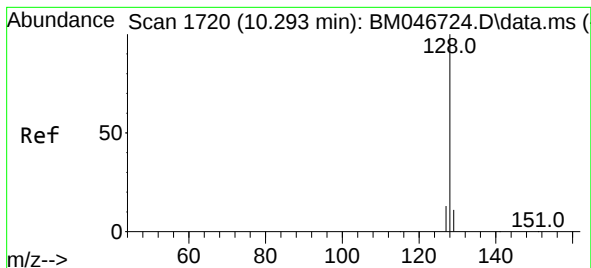
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Quant Time: Jul 20 00:24:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 19 11:38:04 2024
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.144 ng/ul

RT: 10.292 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BM046740.D

Acq: 19 Jul 2024 23:33

Instrument :

BNA_M

ClientSampleId :

A4CH8

Tgt Ion:128 Resp: 3569

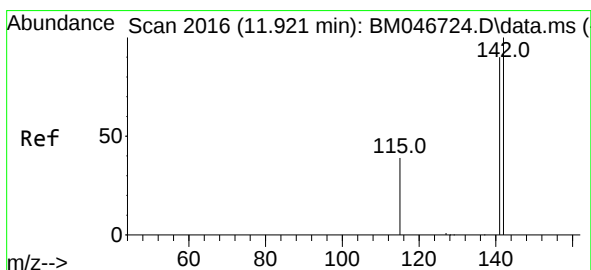
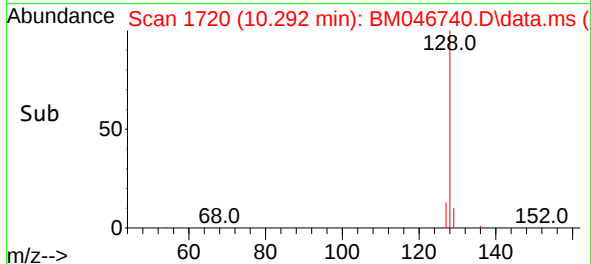
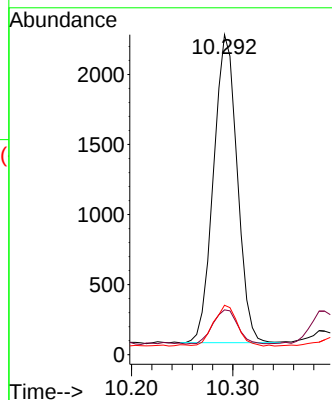
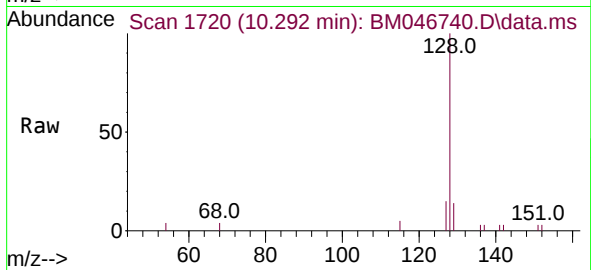
Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.3	15.5
127	15.4	12.2	18.4

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#7

2-Methylnaphthalene

Concen: 0.077 ng/ul

RT: 11.919 min Scan# 2016

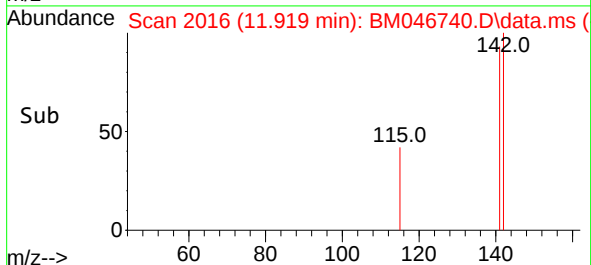
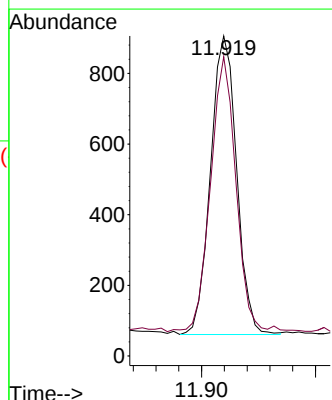
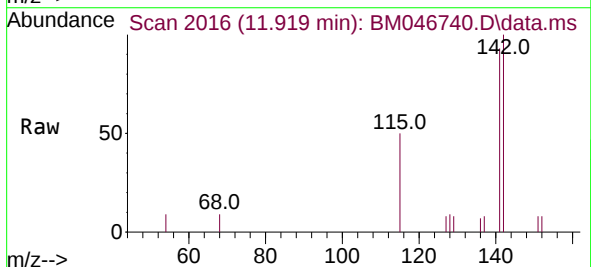
Delta R.T. -0.000 min

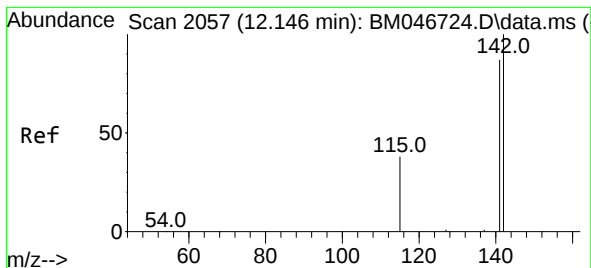
Lab File: BM046740.D

Acq: 19 Jul 2024 23:33

Tgt Ion:142 Resp: 1343

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.3	105.5





#8

1-Methylnaphthalene

Concen: 0.060 ng/ul

RT: 12.145 min Scan# 2057

Delta R.T. -0.000 min

Lab File: BM046740.D

Acq: 19 Jul 2024 23:33

Instrument :

BNA_M

ClientSampleId :

A4CH8

Tgt Ion:142 Resp: 1062

Ion Ratio Lower Upper

142 100

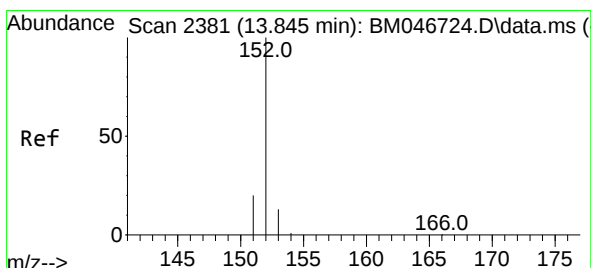
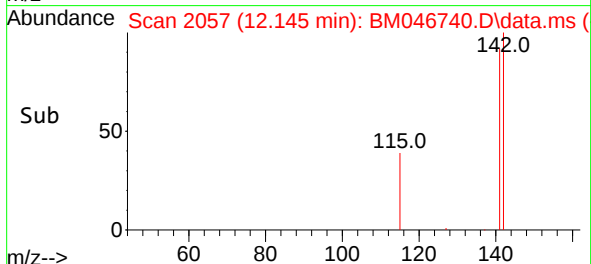
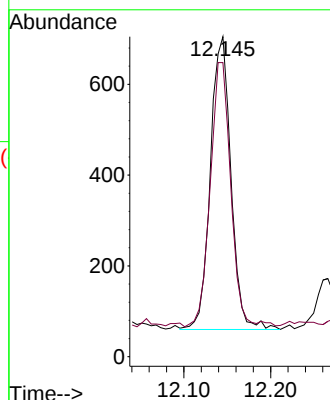
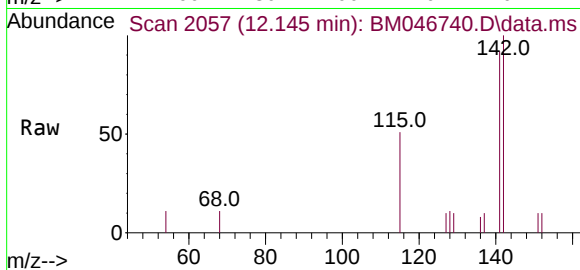
141 89.2 73.9 110.9

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#10

Acenaphthylene

Concen: 0.381 ng/ul

RT: 13.848 min Scan# 2382

Delta R.T. -0.000 min

Lab File: BM046740.D

Acq: 19 Jul 2024 23:33

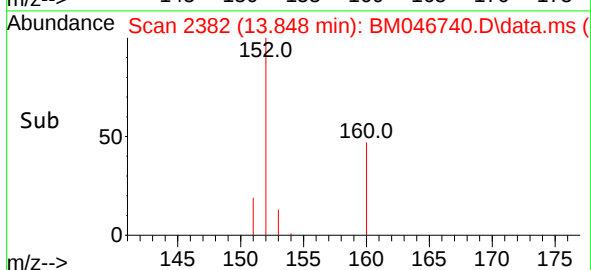
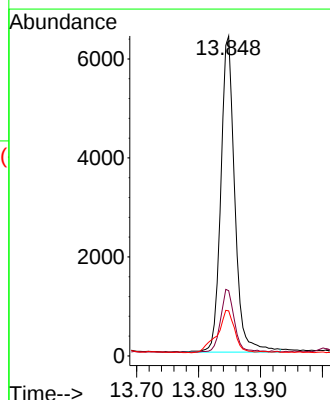
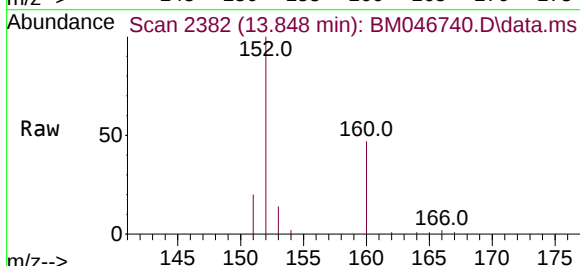
Tgt Ion:152 Resp: 10051

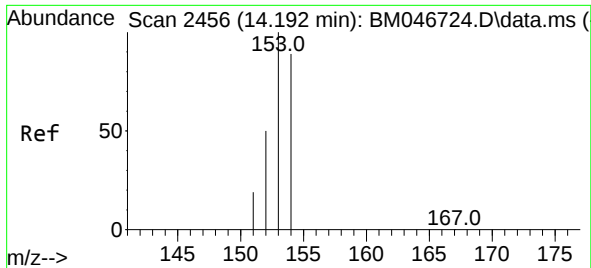
Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

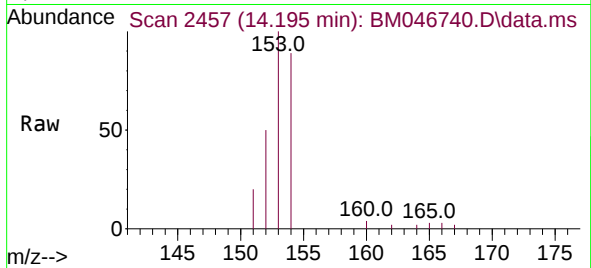
153 14.1 12.4 18.6





#11
Acenaphthene
Concen: 0.225 ng/ul
RT: 14.195 min Scan# 2456
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

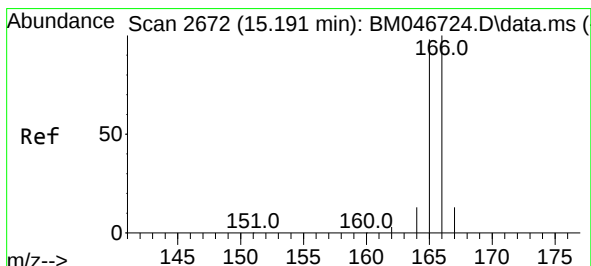
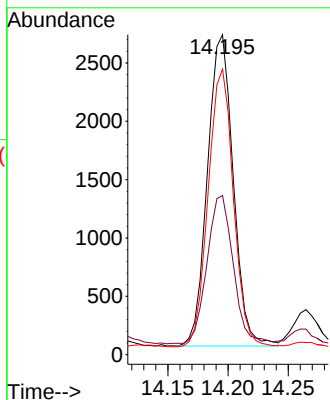
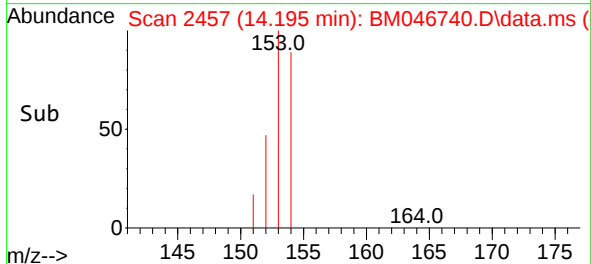
Instrument :
BNA_M
ClientSampleId :
A4CH8



Tgt Ion:153 Resp: 397
Ion Ratio Lower Upper
153 100
152 49.8 43.0 64.6
154 89.2 69.9 104.9

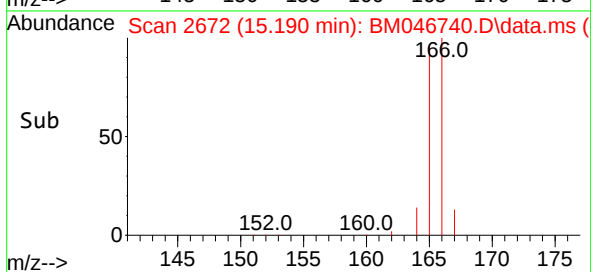
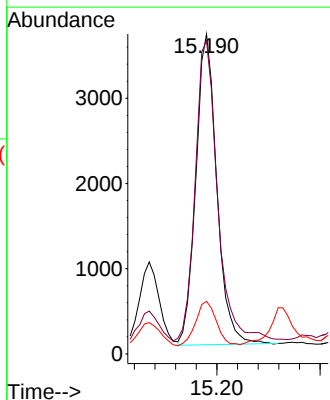
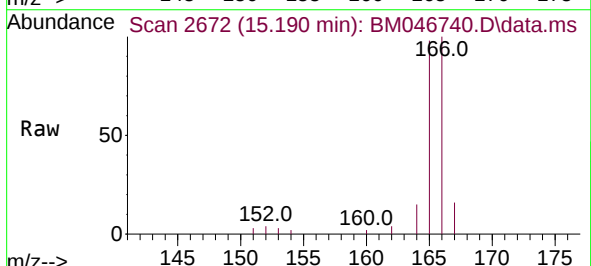
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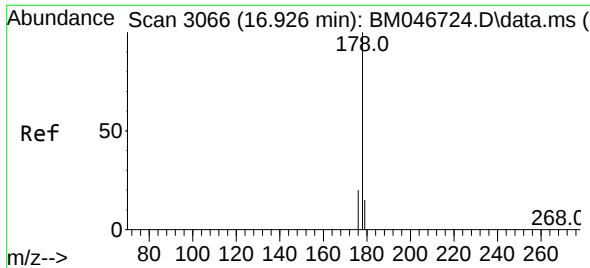
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#12
Fluorene
Concen: 0.236 ng/ul
RT: 15.190 min Scan# 2672
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

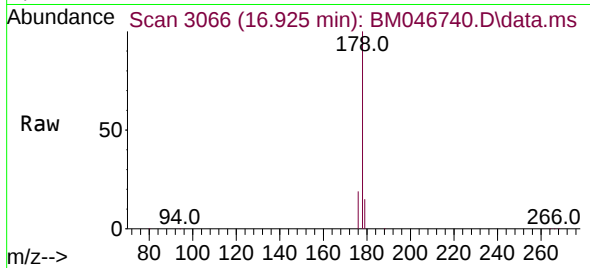
Tgt Ion:166 Resp: 5153
Ion Ratio Lower Upper
166 100
165 97.8 76.1 114.1
167 16.5 12.5 18.7





#15
Phenanthrene
Concen: 3.370 ng/u1
RT: 16.925 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

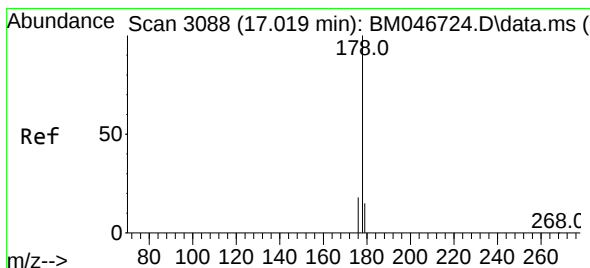
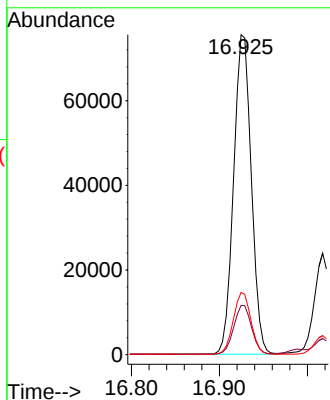
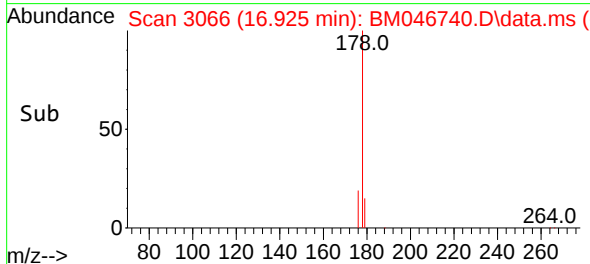
Instrument :
BNA_M
ClientSampleId :
A4CH8



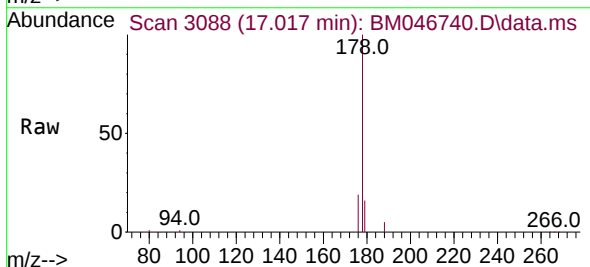
Tgt Ion:178 Resp: 105359
Ion Ratio Lower Upper
178 100
179 15.4 13.1 19.7
176 19.4 16.0 24.0

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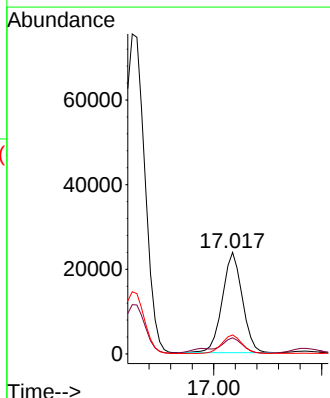
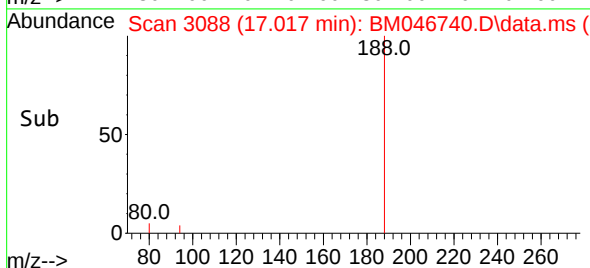
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

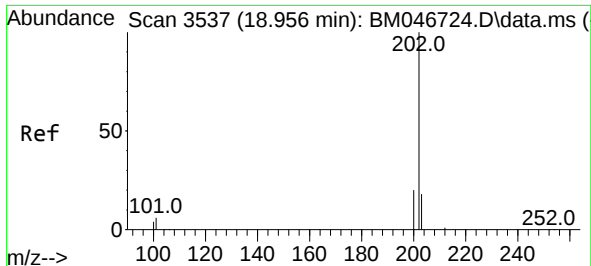


#16
Anthracene
Concen: 0.999 ng/u1
RT: 17.017 min Scan# 3088
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33



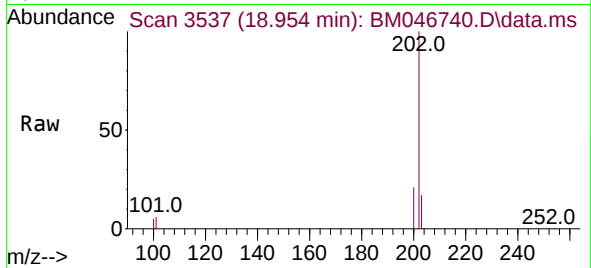
Tgt Ion:178 Resp: 30473
Ion Ratio Lower Upper
178 100
179 15.9 13.5 20.3
176 18.7 15.7 23.5





#19
Fluoranthene
Concen: 12.923 ng/ul
RT: 18.954 min Scan# 3537
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

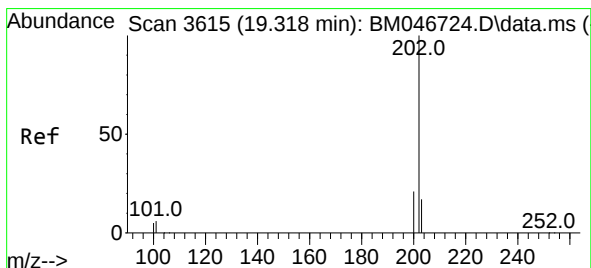
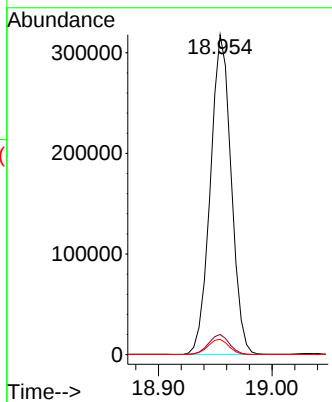
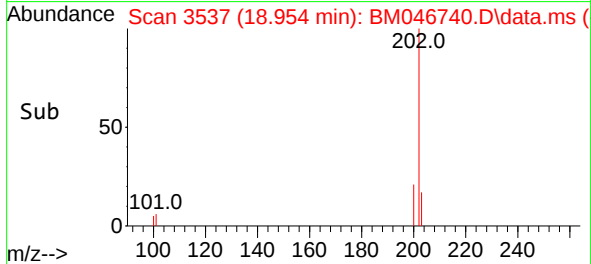
Instrument :
BNA_M
ClientSampleId :
A4CH8



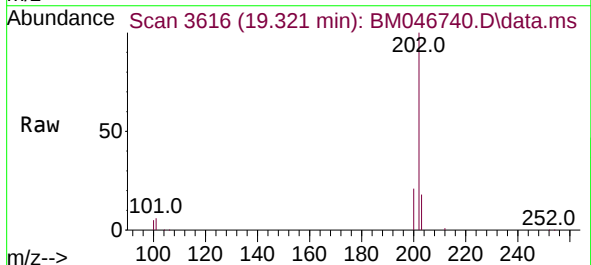
Tgt Ion:202 Resp: 404311
Ion Ratio Lower Upper
202 100
101 6.3 4.6 6.8
100 4.8 3.0 4.6

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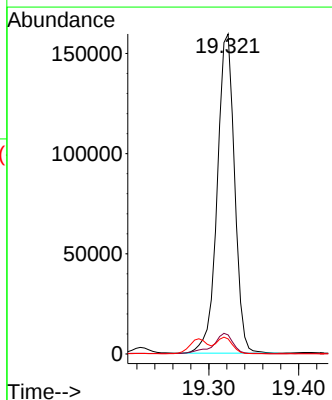
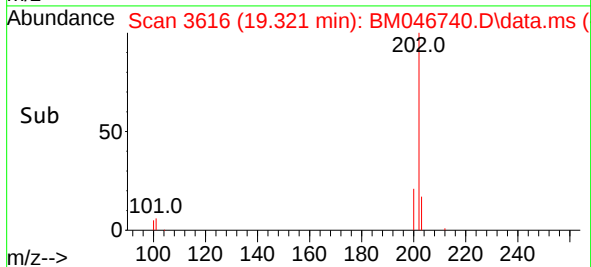
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024

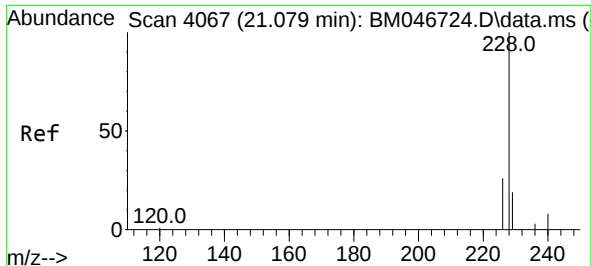


#20
Pyrene
Concen: 6.292 ng/ul
RT: 19.321 min Scan# 3616
Delta R.T. -0.000 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33



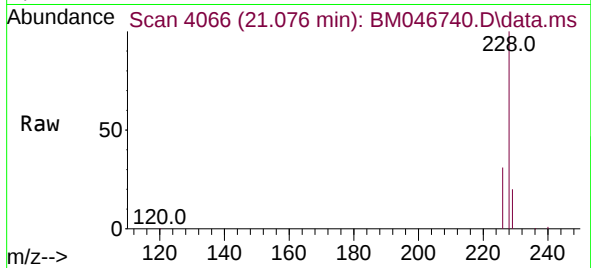
Tgt Ion:202 Resp: 213128
Ion Ratio Lower Upper
202 100
101 6.0 5.1 7.7
100 4.7 3.8 5.6





#21
Benzo(a)anthracene
Concen: 4.939 ng/ul
RT: 21.076 min Scan# 4066
Delta R.T. -0.003 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

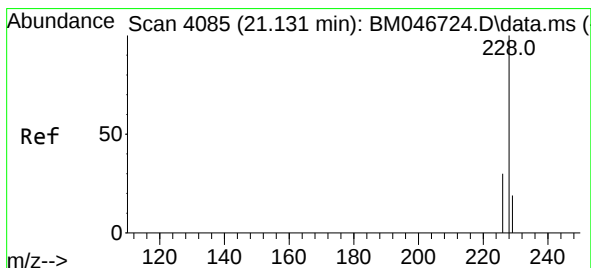
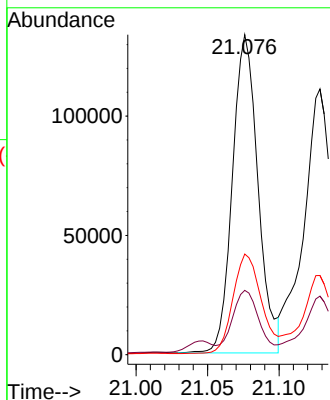
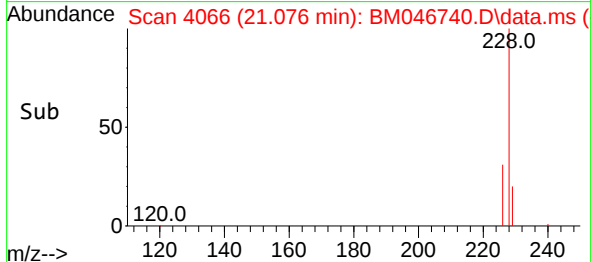
Instrument :
BNA_M
ClientSampleId :
A4CH8



Tgt Ion:228 Resp: 166429
Ion Ratio Lower Upper
228 100
229 20.1 16.5 24.7
226 31.5 22.5 33.7

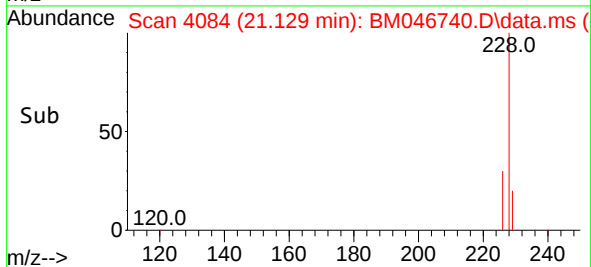
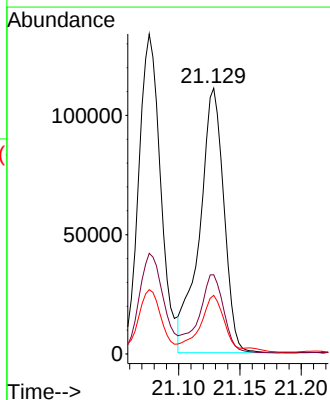
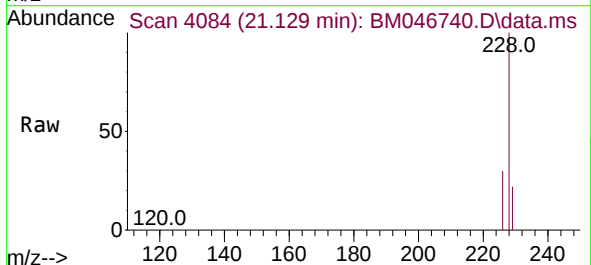
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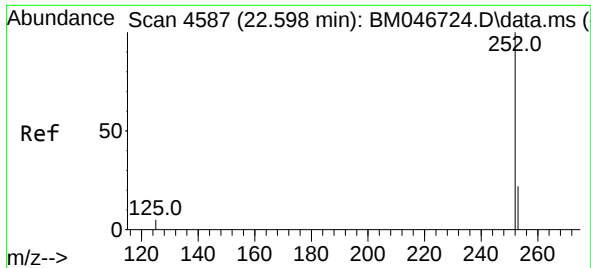
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#22
Chrysene
Concen: 4.686 ng/ul
RT: 21.129 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

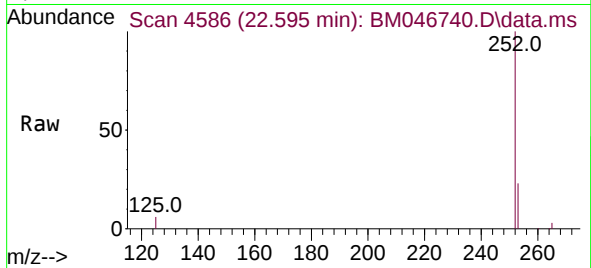
Tgt Ion:228 Resp: 152796
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.0 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.307 ng/ul m
RT: 22.595 min Scan# 4586
Delta R.T. -0.003 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

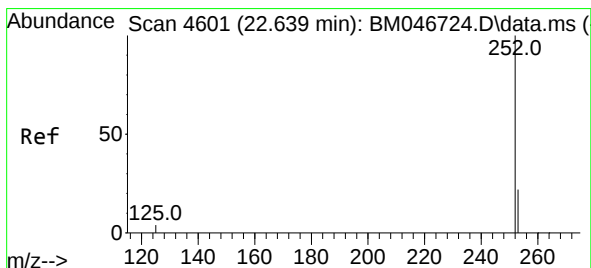
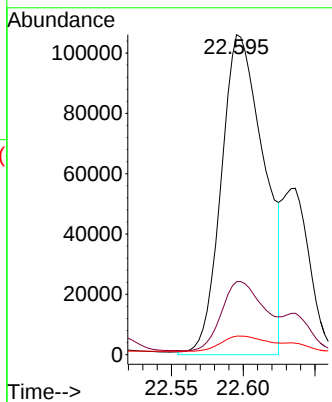
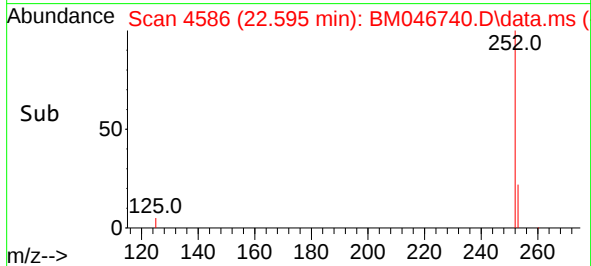
Instrument :
BNA_M
ClientSampleId :
A4CH8



Tgt Ion:252 Resp: 22056
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.2
125 5.8 0.0 17.8

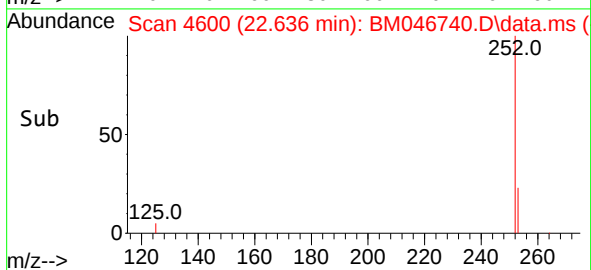
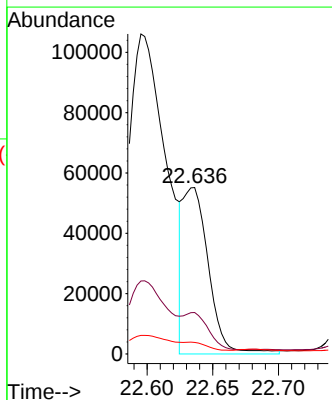
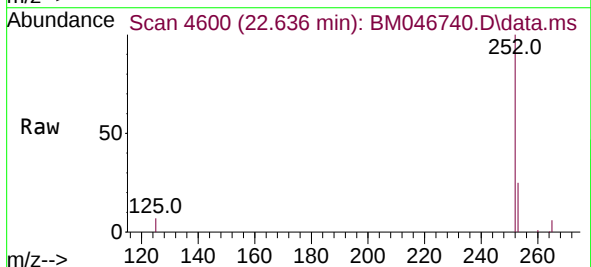
Manual Integrations
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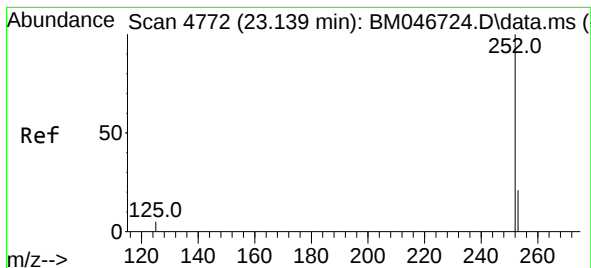
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#25
Benzo(k)fluoranthene
Concen: 2.184 ng/ul m
RT: 22.636 min Scan# 4600
Delta R.T. -0.003 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

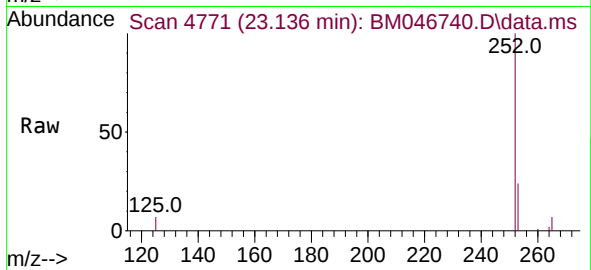
Tgt Ion:252 Resp: 74985
Ion Ratio Lower Upper
252 100
253 24.9 22.4 33.6
125 7.0 7.0 10.4





#26
Benzo(a)pyrene
Concen: 2.960 ng/ul m
RT: 23.136 min Scan# 4771
Delta R.T. -0.003 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

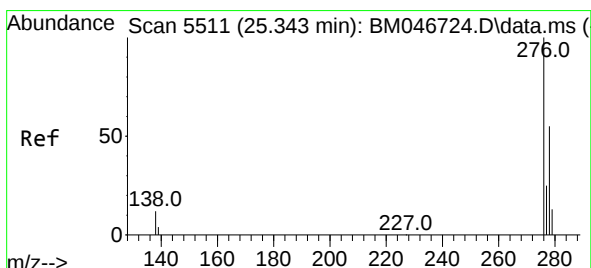
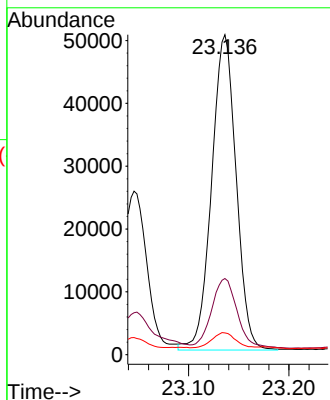
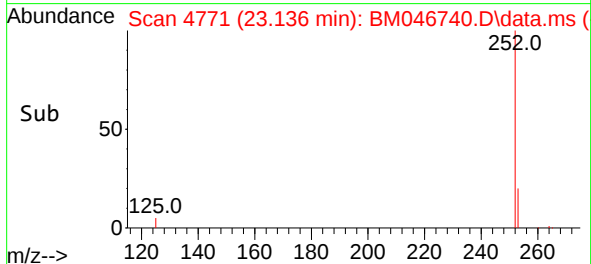
Instrument :
BNA_M
ClientSampleId :
A4CH8



Tgt Ion:252 Resp: 85192
Ion Ratio Lower Upper
252 100
253 23.8 24.0 36.0
125 6.8 8.2 12.2

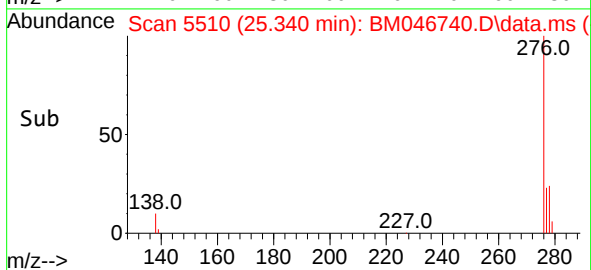
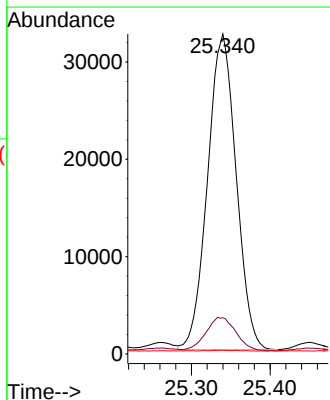
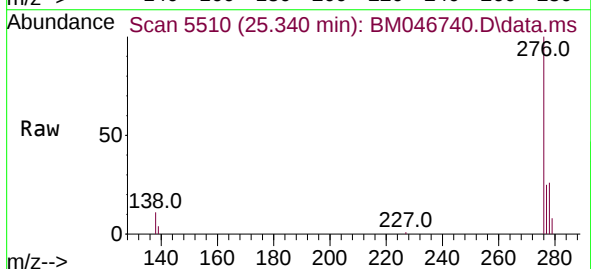
Manual Integrations
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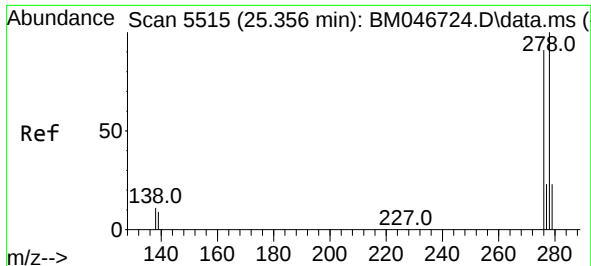
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/20/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.867 ng/ul
RT: 25.340 min Scan# 5510
Delta R.T. -0.007 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

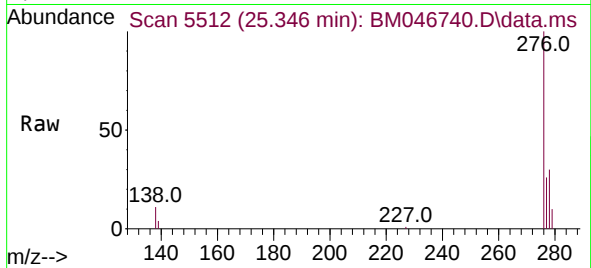
Tgt Ion:276 Resp: 81794
Ion Ratio Lower Upper
276 100
138 11.0 0.0 0.0#
227 0.2 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.752 ng/ul
RT: 25.346 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33

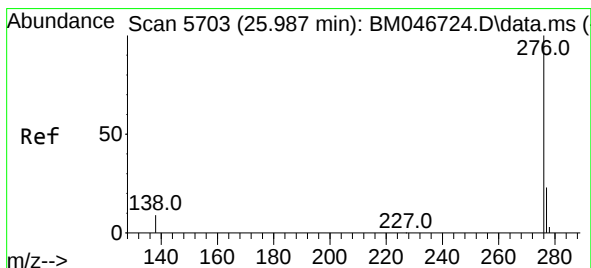
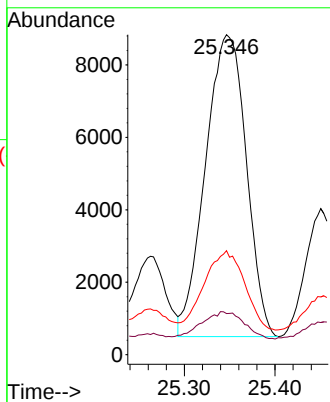
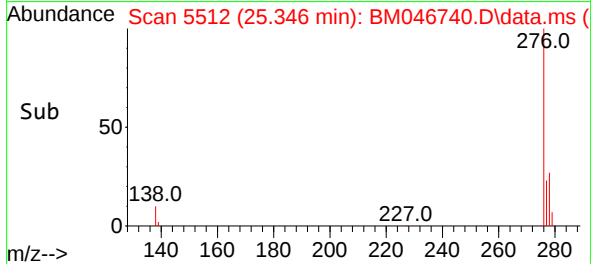
Instrument :
BNA_M
ClientSampleId :
A4CH8



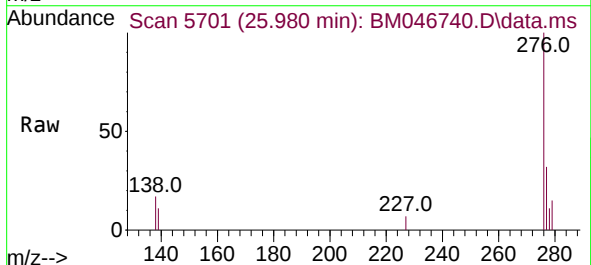
Tgt Ion:278 Resp: 2608
Ion Ratio Lower Upper
278 100
139 12.8 9.1 13.7
279 32.5 23.2 34.8

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



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 25.980 min Scan# 5701
Delta R.T. -0.004 min
Lab File: BM046740.D
Acq: 19 Jul 2024 23:33



Tgt Ion:276 Resp: 11839
Ion Ratio Lower Upper
276 100
138 17.0 10.2 15.4#
277 32.3 20.9 31.3#

