

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
 Data File : BM046660.D
 Acq On : 17 Jul 2024 08:21
 Operator : MA/JU
 Sample : P3100-10
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BW8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

Quant Time: Jul 17 08:50:18 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 : Mon Jul 15 08:57:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.497	152	3452	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.255	136	9523	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.137	164	6484	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.892	188	15580	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.102	240	11460	0.400	ng/ul	# 0.00
23) Perylene-d12	23.241	264	12369	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.113	96	8202	2.892	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	3876	0.252	ng/ul	-0.01
18) Fluoranthene-d10	18.932	212	10083	0.289	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.304	128	7696	0.318	ng/ul	98
7) 2-Methylnaphthalene	11.932	142	2803	0.165	ng/ul	99
8) 1-Methylnaphthalene	12.152	142	1888	0.109	ng/ul	99
10) Acenaphthylene	13.854	152	15931	0.540	ng/ul	98
11) Acenaphthene	14.201	153	5435	0.275	ng/ul	98
12) Fluorene	15.201	166	7271	0.297	ng/ul	99
14) Pentachlorophenol	16.554	266	184	0.023	ng/ul	88
15) Phenanthrene	16.934	178	167209	3.761	ng/ul	98
16) Anthracene	17.027	178	36860	0.850	ng/ul	98
19) Fluoranthene	18.960	202	379617	8.065	ng/ul	99
20) Pyrene	19.327	202	257528	5.053	ng/ul	99
21) Benzo(a)anthracene	21.084	228	178139	3.514	ng/ul	98
22) Chrysene	21.137	228	185517	3.782	ng/ul	98
24) Benzo(b)fluoranthene	22.607	252	258662m	5.236	ng/ul	
25) Benzo(k)fluoranthene	22.645	252	85378m	1.760	ng/ul	
26) Benzo(a)pyrene	23.151	252	85810m	2.110	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.356	276	87946	1.421	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.366	278	32543	0.664	ng/ul#	93
29) Benzo(g,h,i)perylene	26.004	276	13319	0.270	ng/ul#	83

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

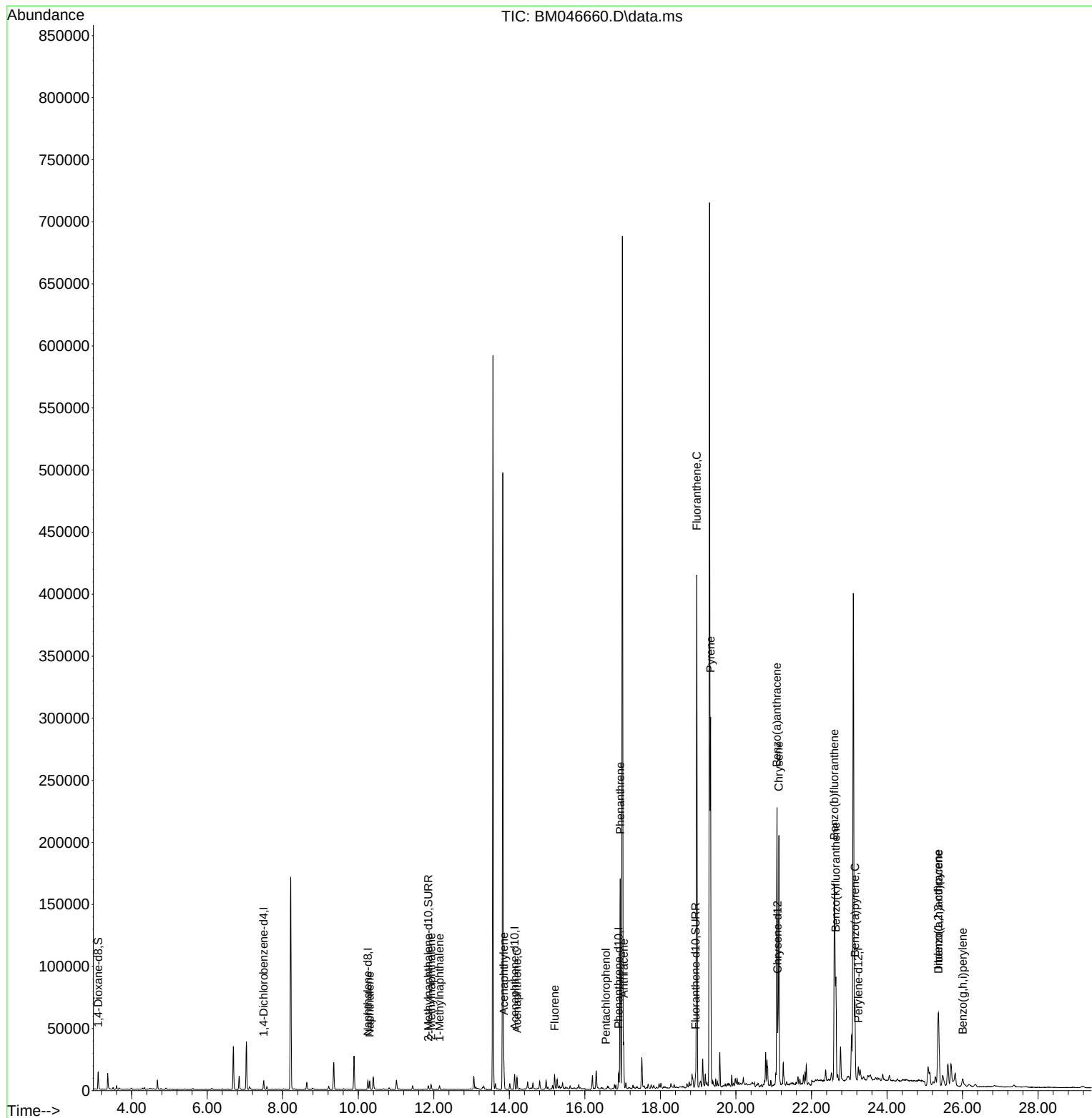
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046660.D
Acq On : 17 Jul 2024 08:21
Operator : MA/JU
Sample : P3100-10
Misc :
ALS Vial : 73 Sample Multiplier: 1

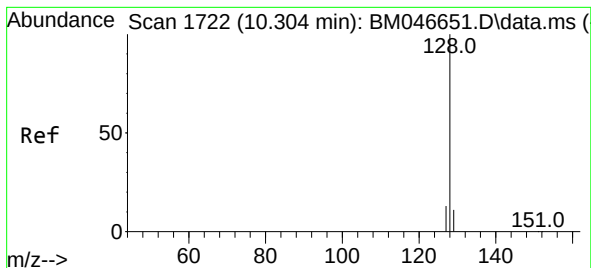
Instrument :
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Supervised By :mohammad ahmed 07/18/2024

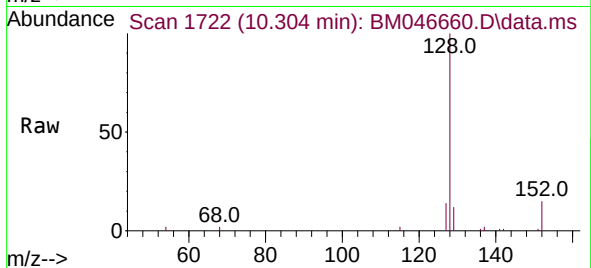
Quant Time: Jul 17 08:50:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.318 ng/ul
RT: 10.304 min Scan# 1722
Delta R.T. -0.011 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

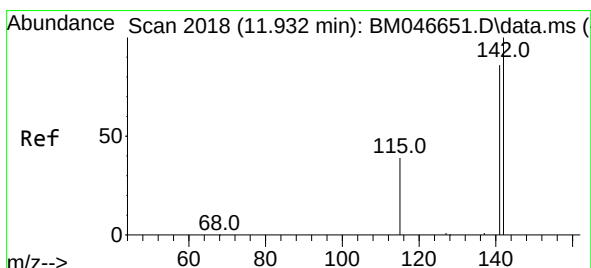
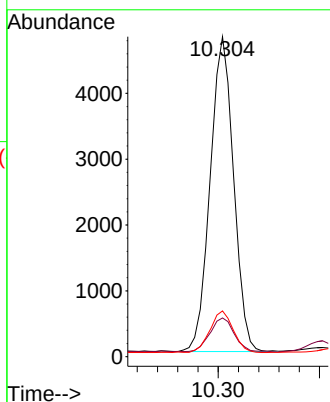
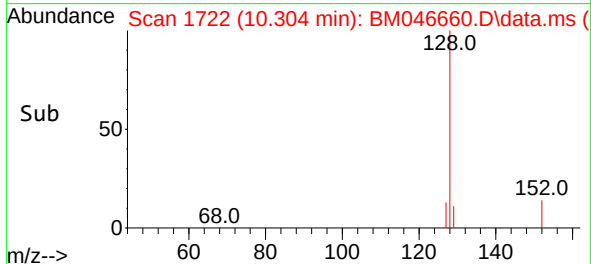
Instrument :
BNA_M
ClientSampleId :
A4BW8



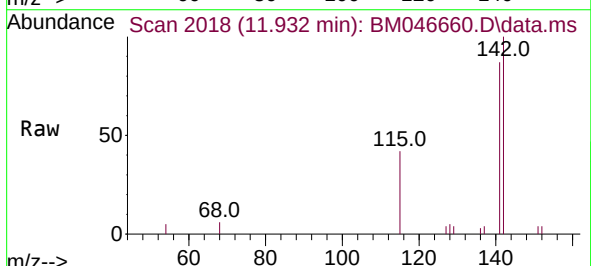
Tgt Ion:128 Resp: 7690
Ion Ratio Lower Upper
128 100
129 12.1 10.3 15.5
127 14.3 12.2 18.4

Manual Integrations
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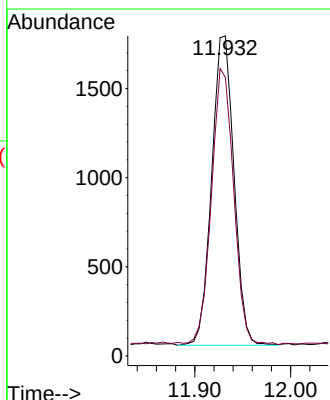
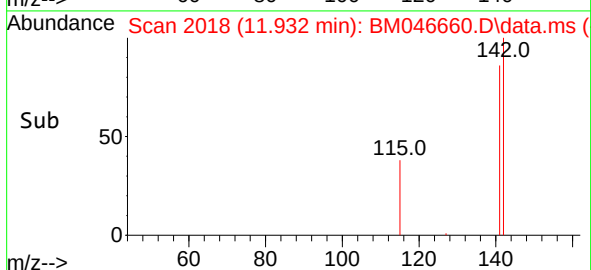
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

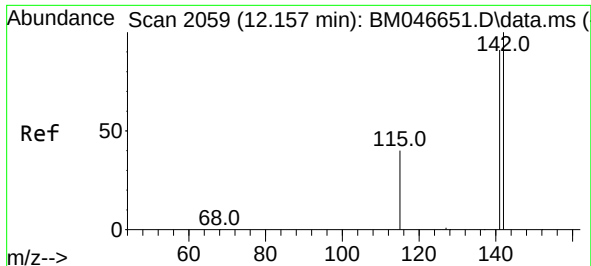


#7
2-Methylnaphthalene
Concen: 0.165 ng/ul
RT: 11.932 min Scan# 2018
Delta R.T. -0.011 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21



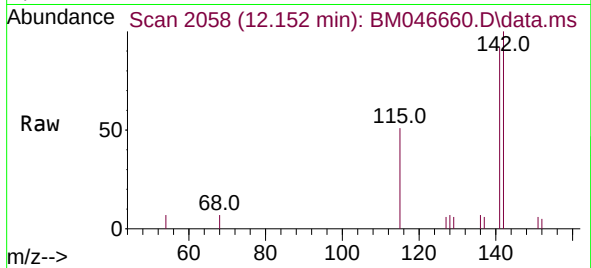
Tgt Ion:142 Resp: 2803
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





#8
1-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.152 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

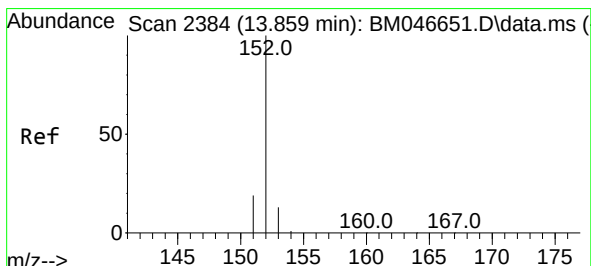
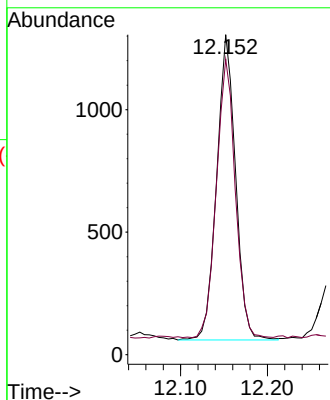
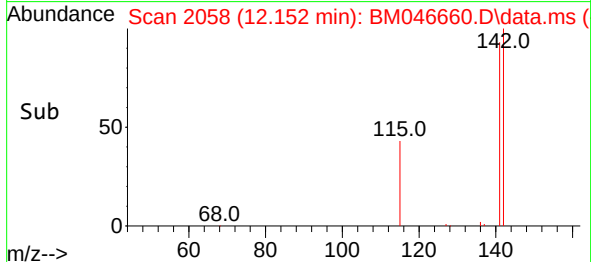
Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:142 Resp: 188
Ion Ratio Lower Upper
142 100
141 91.0 73.9 110.9

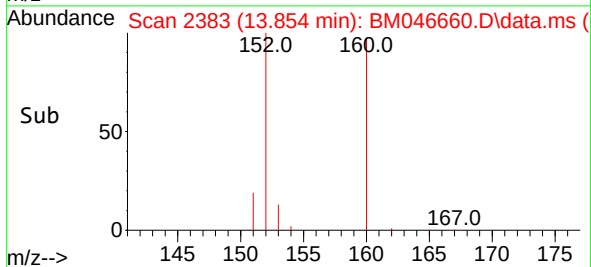
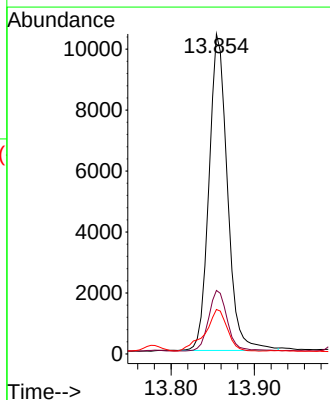
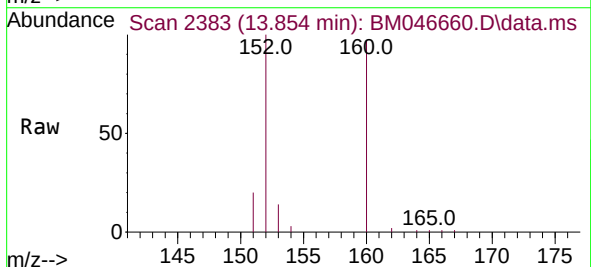
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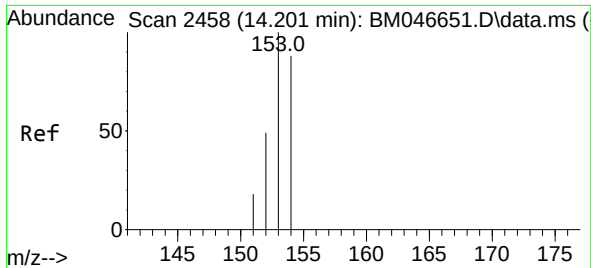
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#10
Acenaphthylene
Concen: 0.540 ng/ul
RT: 13.854 min Scan# 2383
Delta R.T. -0.010 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

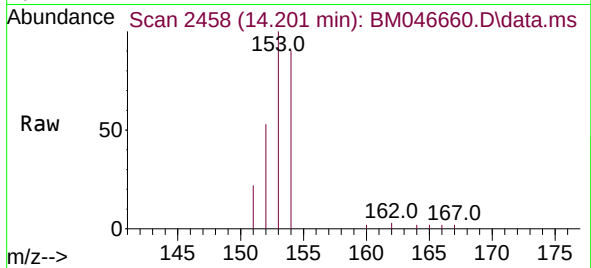
Tgt Ion:152 Resp: 15931
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.9 12.4 18.6





#11
Acenaphthene
Concen: 0.275 ng/u1
RT: 14.201 min Scan# 2458
Delta R.T. -0.010 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

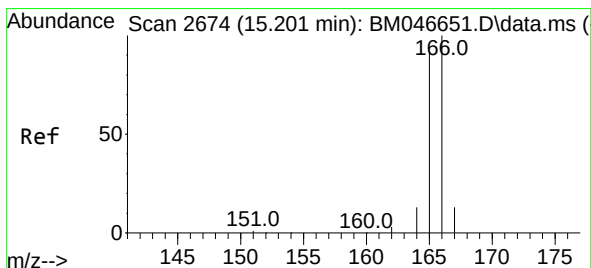
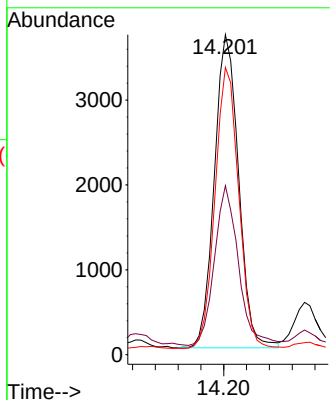
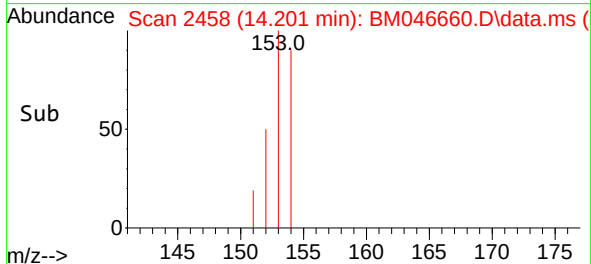
Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:153 Resp: 5438
Ion Ratio Lower Upper
153 100
152 52.8 43.0 64.6
154 89.7 69.9 104.9

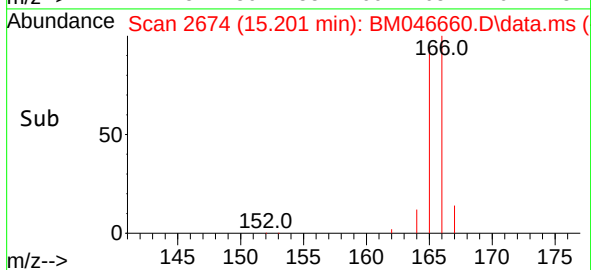
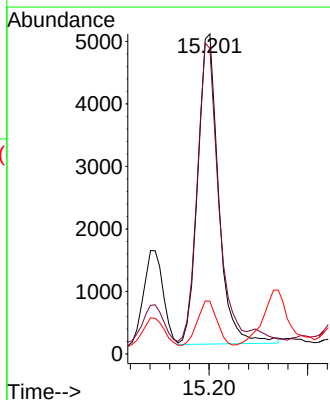
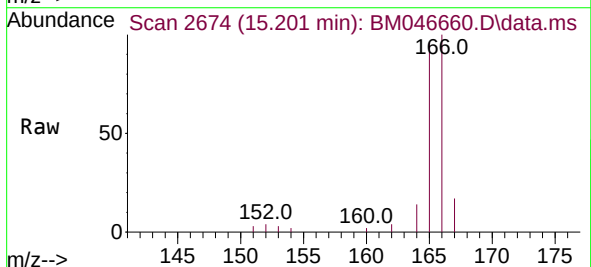
Manual Integrations
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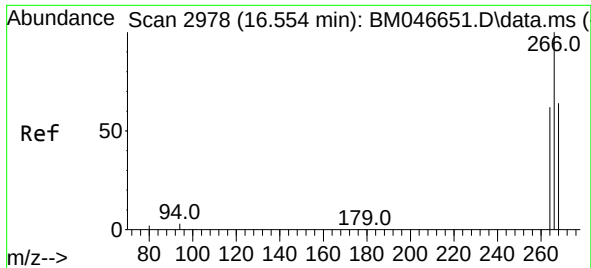
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#12
Fluorene
Concen: 0.297 ng/u1
RT: 15.201 min Scan# 2674
Delta R.T. -0.005 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

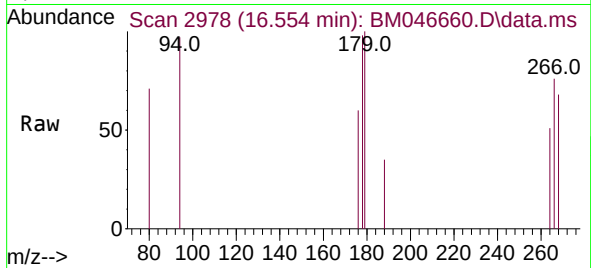
Tgt Ion:166 Resp: 7271
Ion Ratio Lower Upper
166 100
165 95.5 76.1 114.1
167 16.5 12.5 18.7





#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

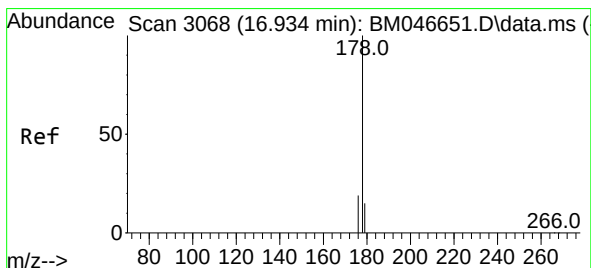
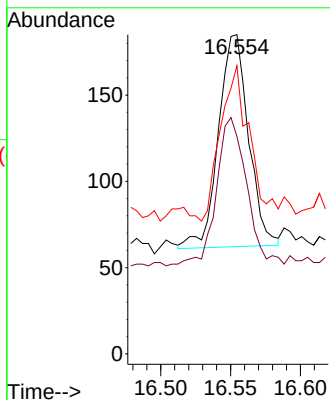
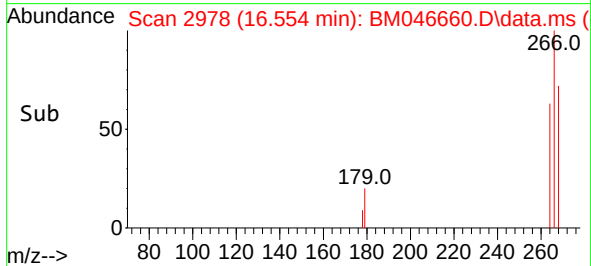
Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:266 Resp: 184
Ion Ratio Lower Upper
266 100
264 70.7 50.1 75.1
268 75.5 52.5 78.7

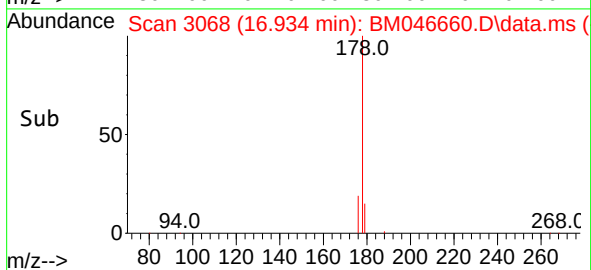
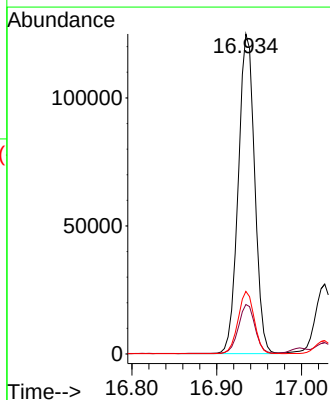
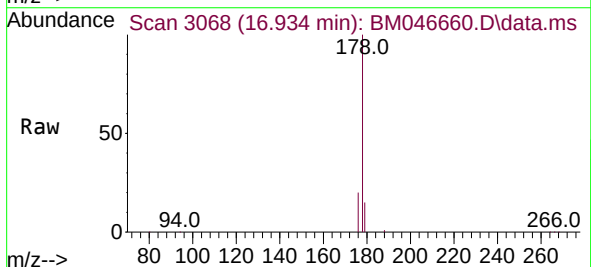
Manual Integrations
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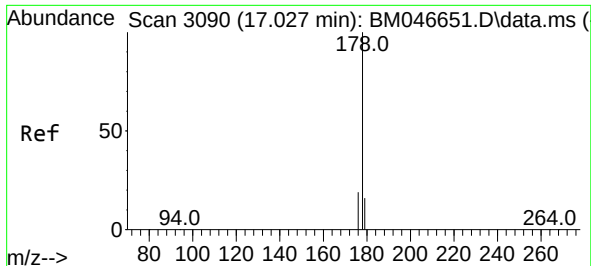
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#15
Phenanthrene
Concen: 3.761 ng/ul
RT: 16.934 min Scan# 3068
Delta R.T. -0.009 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

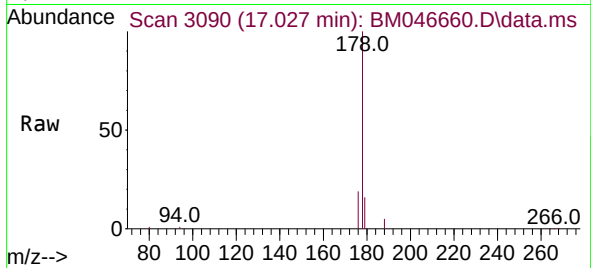
Tgt Ion:178 Resp: 167209
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 19.6 16.0 24.0





#16
 Anthracene
 Concen: 0.850 ng/ul
 RT: 17.027 min Scan# 3090
 Delta R.T. -0.005 min
 Lab File: BM046660.D
 Acq: 17 Jul 2024 08:21

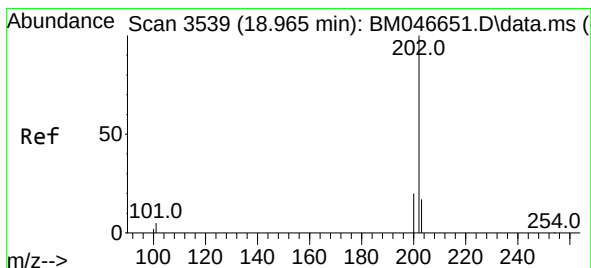
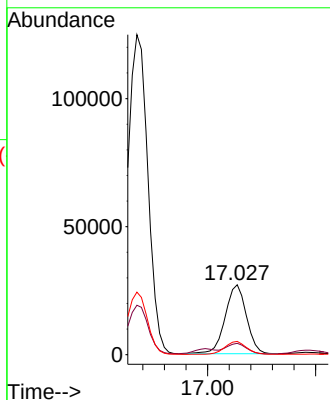
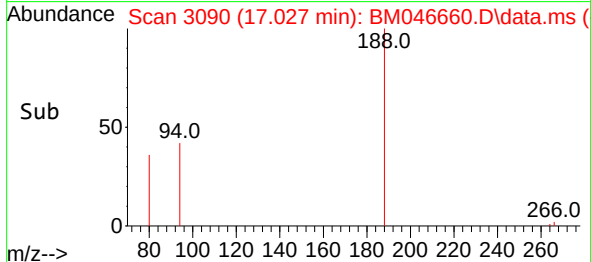
Instrument :
 BNA_M
 ClientSampleId :
 A4BW8



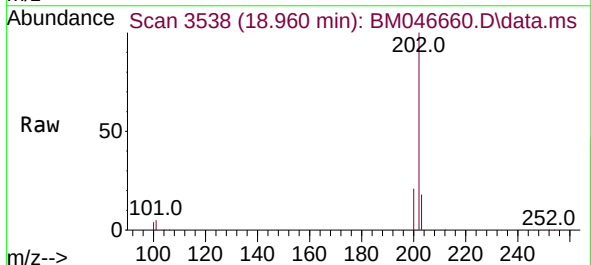
Tgt Ion:178 Resp: 36860
 Ion Ratio Lower Upper
 178 100
 179 16.3 13.5 20.3
 176 18.9 15.7 23.5

Manual Integrations
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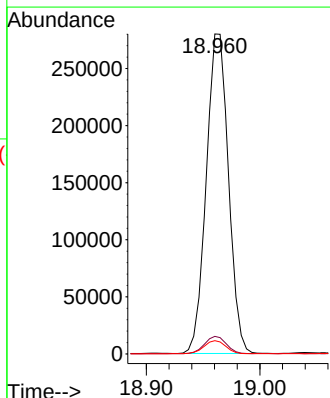
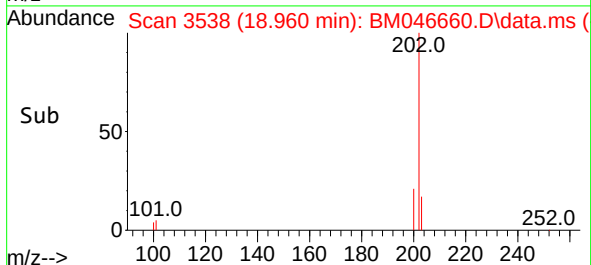
Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/18/2024

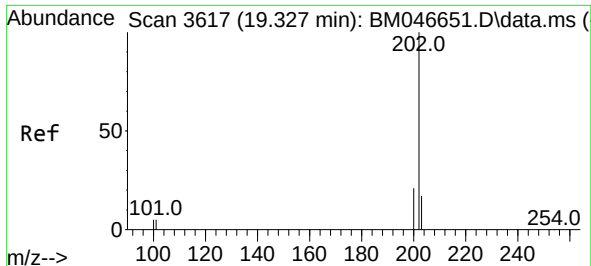


#19
 Fluoranthene
 Concen: 8.065 ng/ul
 RT: 18.960 min Scan# 3538
 Delta R.T. -0.010 min
 Lab File: BM046660.D
 Acq: 17 Jul 2024 08:21



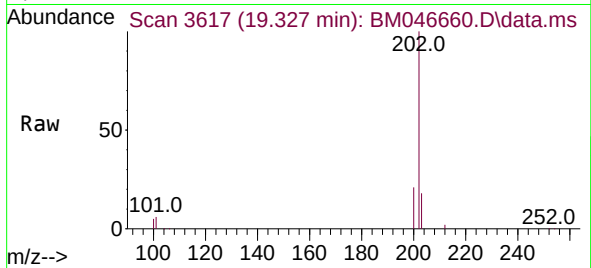
Tgt Ion:202 Resp: 379617
 Ion Ratio Lower Upper
 202 100
 101 5.5 4.6 6.8
 100 4.2 3.0 4.6





#20
Pyrene
Concen: 5.053 ng/ul
RT: 19.327 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

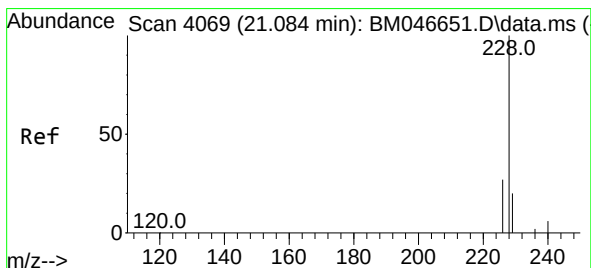
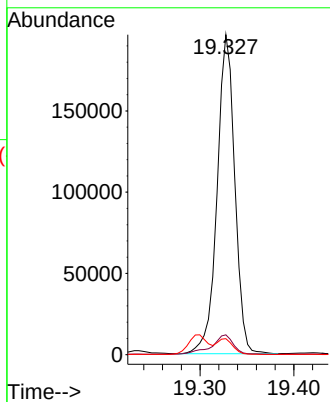
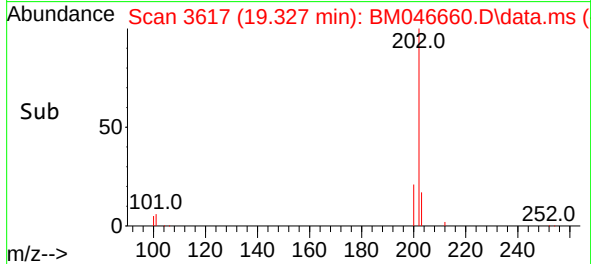
Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:202 Resp: 257528
Ion Ratio Lower Upper
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101 6.2 5.1 7.7
100 5.0 3.8 5.6

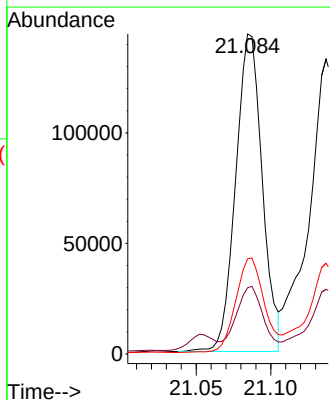
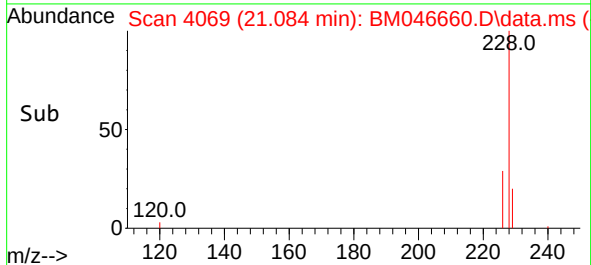
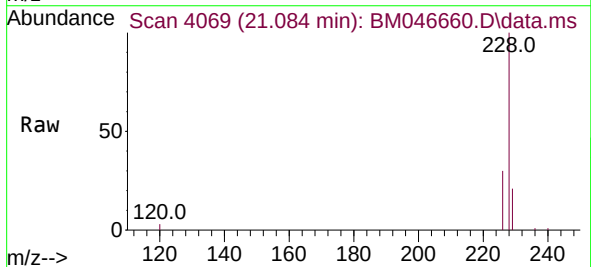
Manual Integrations
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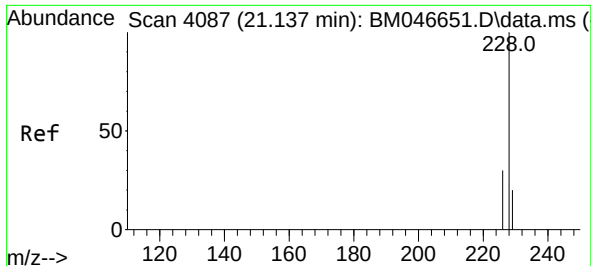
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#21
Benzo(a)anthracene
Concen: 3.514 ng/ul
RT: 21.084 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

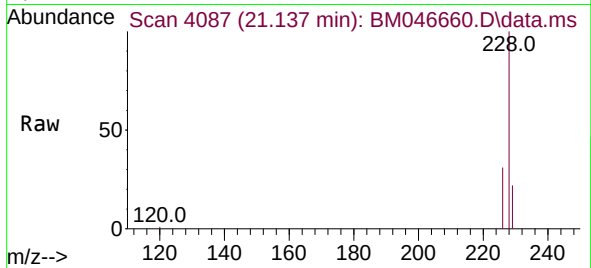
Tgt Ion:228 Resp: 178139
Ion Ratio Lower Upper
228 100
229 20.7 16.5 24.7
226 29.7 22.5 33.7





#22
Chrysene
Concen: 3.782 ng/ul
RT: 21.137 min Scan# 4087
Delta R.T. -0.003 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

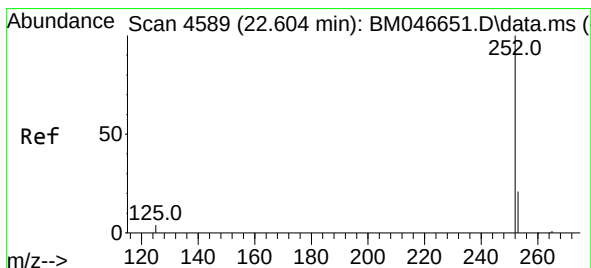
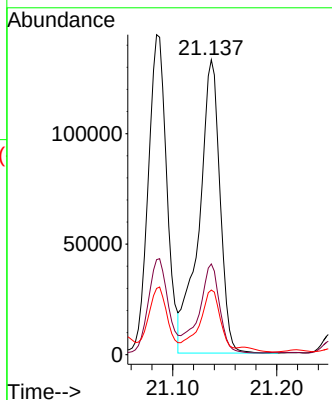
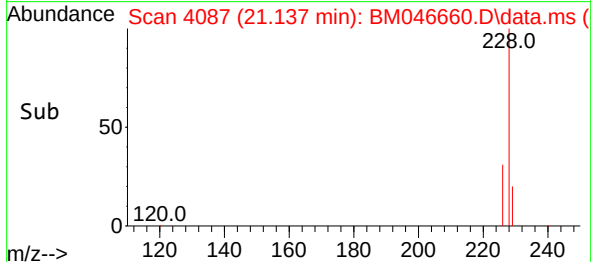
Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:228 Resp: 185517
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 21.9 16.4 24.6

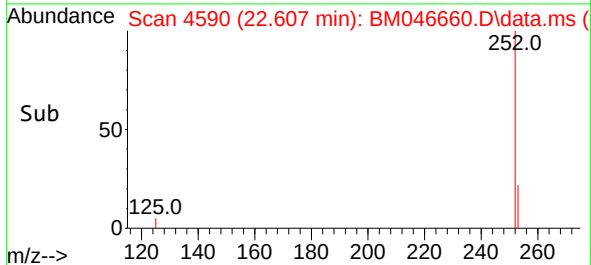
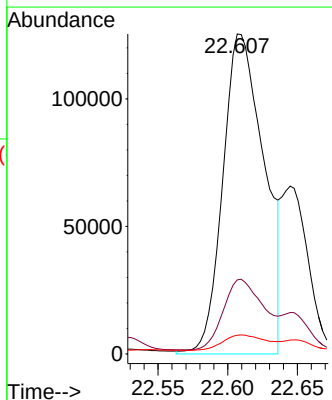
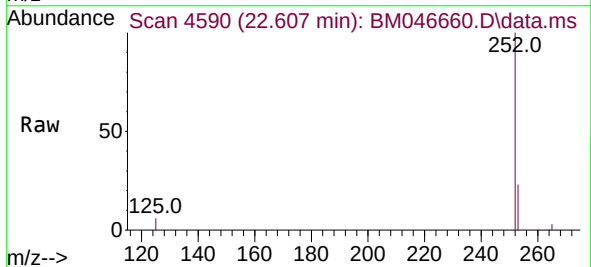
Manual Integrations
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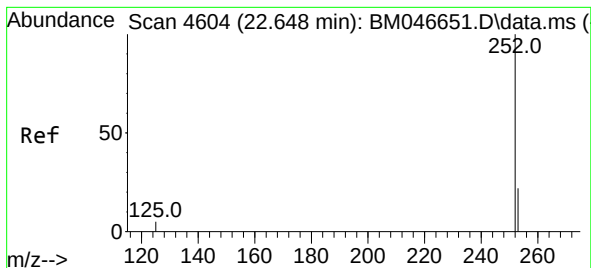
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024



#24
Benzo(b)fluoranthene
Concen: 5.236 ng/ul m
RT: 22.607 min Scan# 4590
Delta R.T. -0.003 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

Tgt Ion:252 Resp: 258662
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.2
125 5.8 0.0 17.8





#25

Benzo(k)fluoranthene

Concen: 1.760 ng/ul m

RT: 22.645 min Scan# 4603

Delta R.T. -0.006 min

Lab File: BM046660.D

Acq: 17 Jul 2024 08:21

Instrument :

BNM

ClientSampleId :

A4BW8

Tgt Ion:252 Resp: 85378

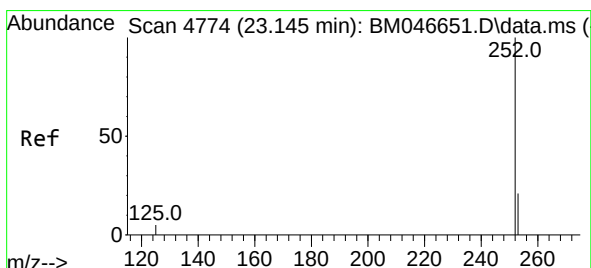
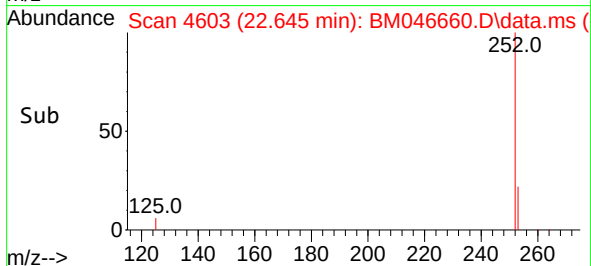
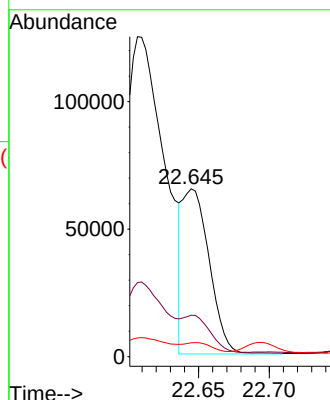
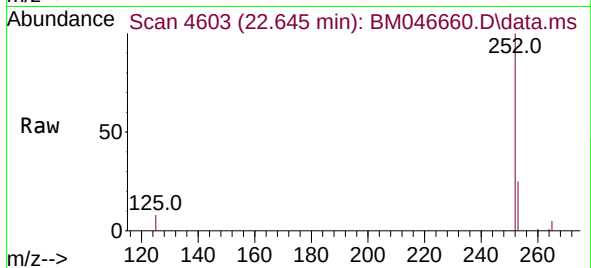
Ion	Ratio	Lower	Upper
252	100		
253	24.7	22.4	33.6
125	8.3	7.0	10.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/18/2024

Supervised By :mohammad ahmed 07/18/2024



#26

Benzo(a)pyrene

Concen: 2.110 ng/ul m

RT: 23.151 min Scan# 4776

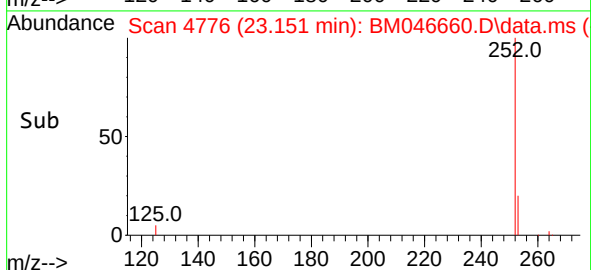
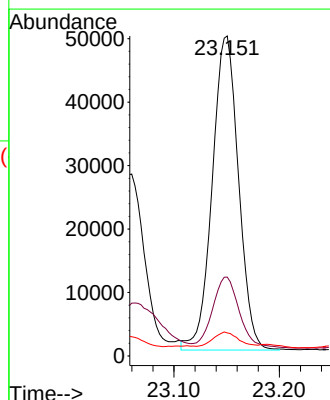
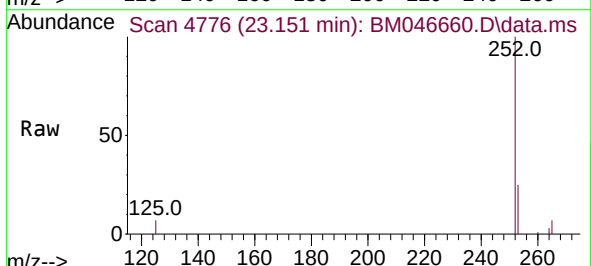
Delta R.T. -0.000 min

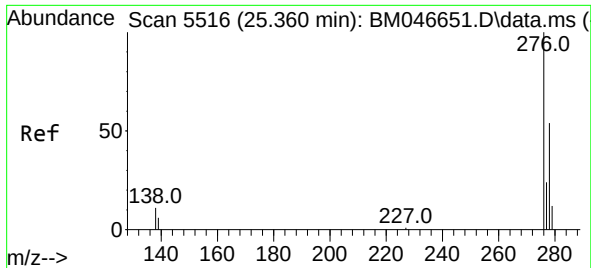
Lab File: BM046660.D

Acq: 17 Jul 2024 08:21

Tgt Ion:252 Resp: 85810

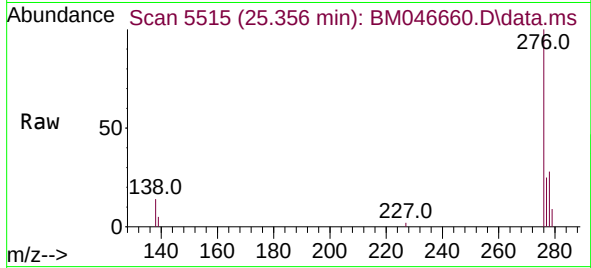
Ion	Ratio	Lower	Upper
252	100		
253	24.7	24.0	36.0
125	7.2	8.2	12.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.421 ng/ul
RT: 25.356 min Scan# 5516
Delta R.T. -0.004 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

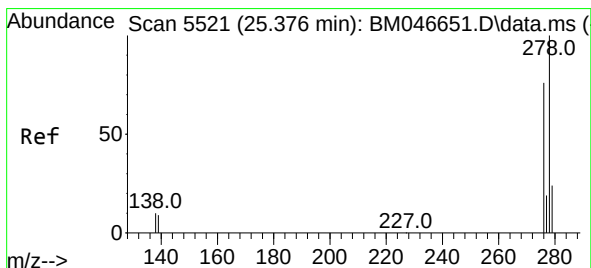
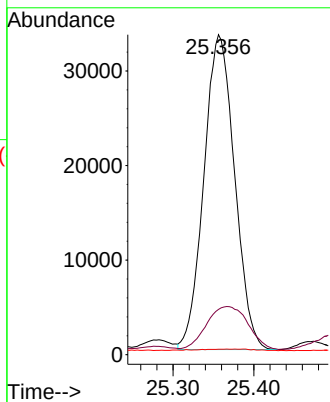
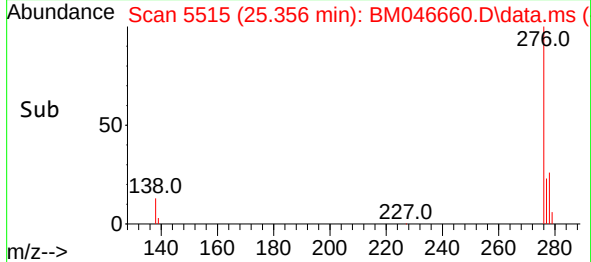
Instrument :
BNA_M
ClientSampleId :
A4BW8



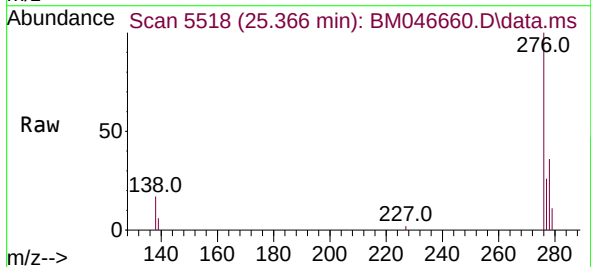
Tgt Ion:276 Resp: 87940
Ion Ratio Lower Upper
276 100
138 18.2 0.0 0.0
227 0.0 0.2 0.2

Manual Integrations
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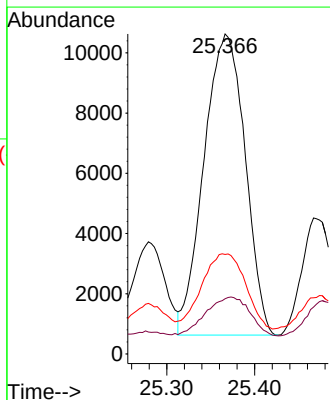
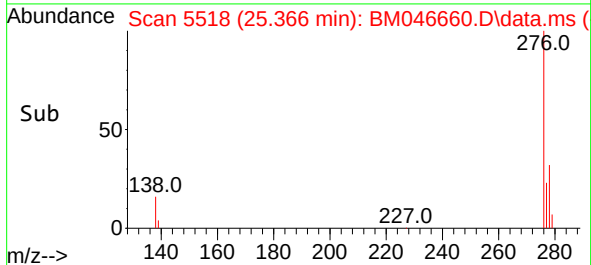
Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

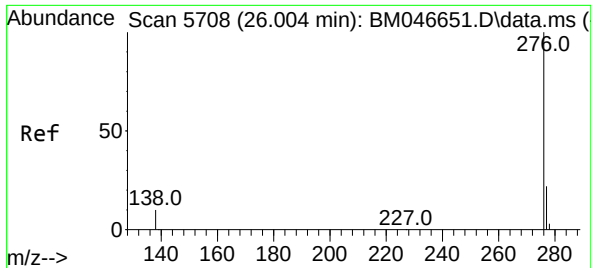


#28
Dibenzo(a,h)anthracene
Concen: 0.664 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. -0.017 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21



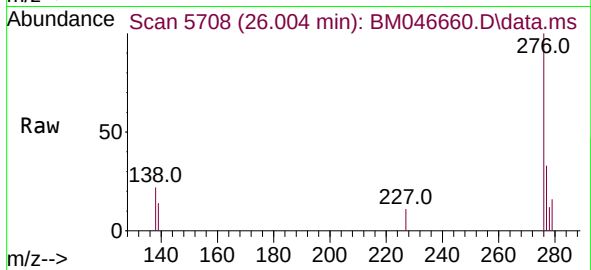
Tgt Ion:278 Resp: 32543
Ion Ratio Lower Upper
278 100
139 17.3 9.1 13.7#
279 31.1 23.2 34.8





#29
Benzo(g,h,i)perylene
Concen: 0.270 ng/ul
RT: 26.004 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM046660.D
Acq: 17 Jul 2024 08:21

Instrument :
BNA_M
ClientSampleId :
A4BW8



Tgt Ion:276 Resp: 13319
Ion Ratio Lower Upper
276 100
138 22.3 10.2 15.4
277 33.3 20.9 31.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024

