

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046063.D
 Acq On : 18 Jun 2024 22:28
 Operator : MA/JU
 Sample : P2695-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 19 08:24:29 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jun 18 13:58:29 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	4867	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.205	136	13774	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.081	164	7496	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.821	188	16307m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.017	240	12463m	0.400	ng/ul	-0.03
23) Perylene-d12	23.116	264	15291m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	18044	2.702	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4224	0.228	ng/ul	-0.04
18) Fluoranthene-d10	18.854	212	11066	0.296	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.249	128	7311	0.190	ng/ul	96
7) 2-Methylnaphthalene	11.899	142	2147	0.099	ng/ul	99
8) 1-Methylnaphthalene	12.113	142	1609	0.068	ng/ul	97
10) Acenaphthylene	13.799	152	15167	0.427	ng/ul	98
11) Acenaphthene	14.141	153	6314	0.246	ng/ul	98
12) Fluorene	15.136	166	10280	0.373	ng/ul	98
15) Phenanthrene	16.863	178	282914m	6.175	ng/ul	
16) Anthracene	16.956	178	68958m	2.021	ng/ul	
19) Fluoranthene	18.886	202	691586	12.816	ng/ul	95
20) Pyrene	19.249	202	476867	8.171	ng/ul	96
21) Benzo(a)anthracene	21.003	228	319924m	6.646	ng/ul	
22) Chrysene	21.055	228	289416	4.711	ng/ul	98
24) Benzo(b)fluoranthene	22.499	252	339468m	6.162	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	136923m	2.091	ng/ul	
26) Benzo(a)pyrene	23.025	252	137875	2.701	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.165	276	114733	1.373	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.172	278	39905	0.642	ng/ul	97
29) Benzo(g,h,i)perylene	25.792	276	15570	0.217	ng/ul	91

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

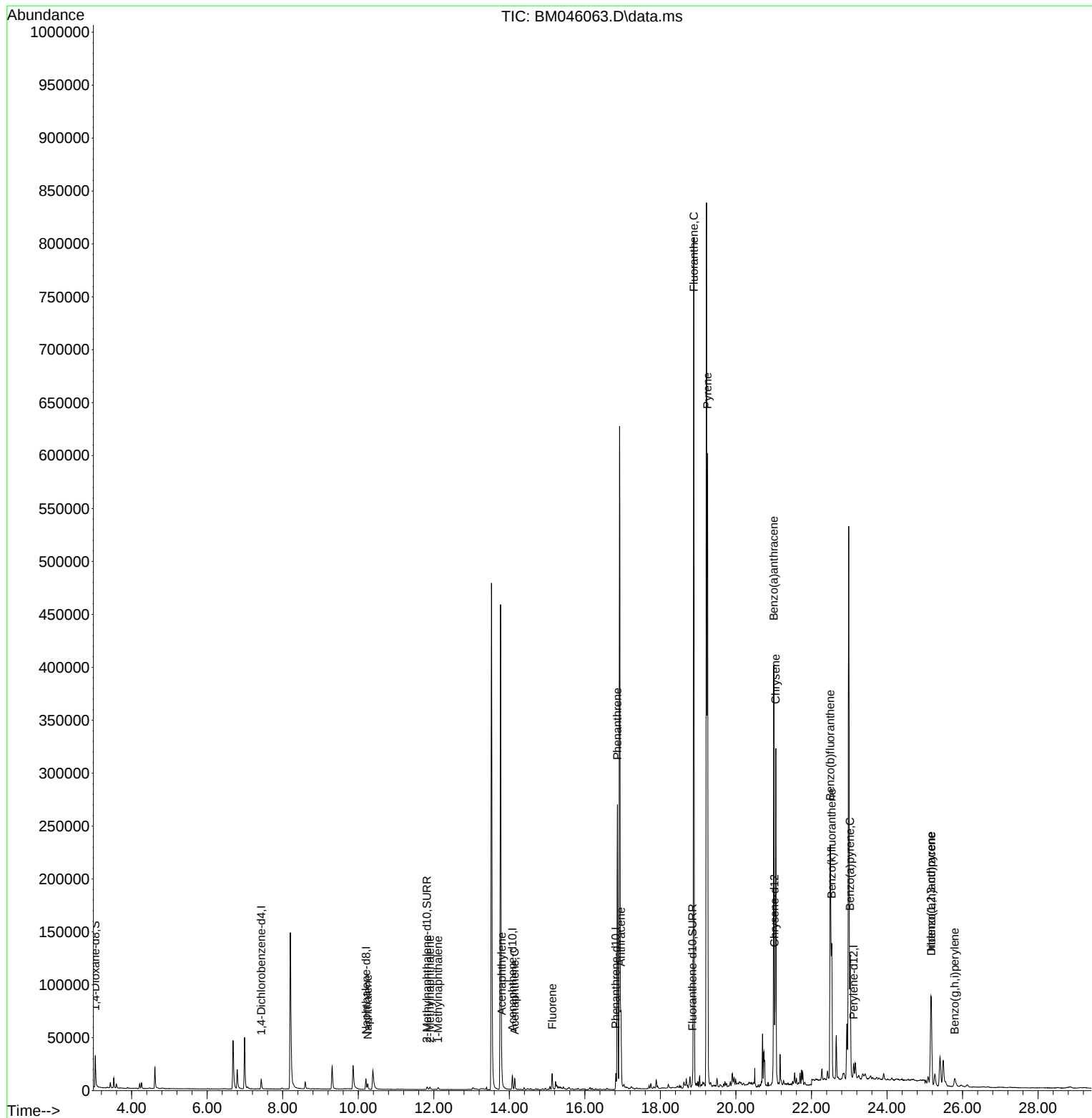
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046063.D
Acq On : 18 Jun 2024 22:28
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ALS Vial : 16 Sample Multiplier: 1

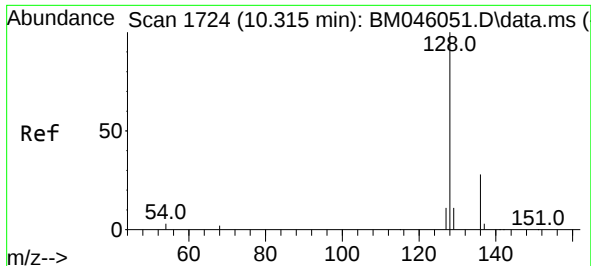
Instrument :
BNA_M
ClientSampleId :
A4BK5

Manual Integrations
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Supervised By :mohammad ahmed 06/21/2024

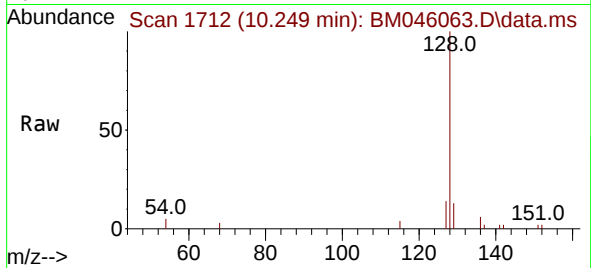
Quant Time: Jun 19 08:24:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.249 min Scan# 11
Delta R.T. -0.054 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

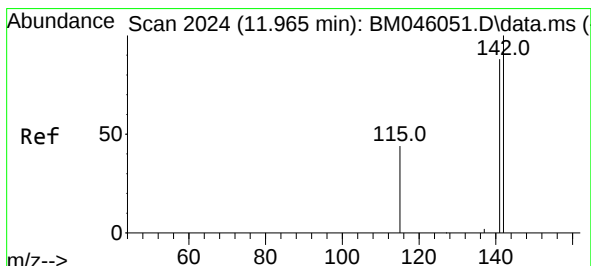
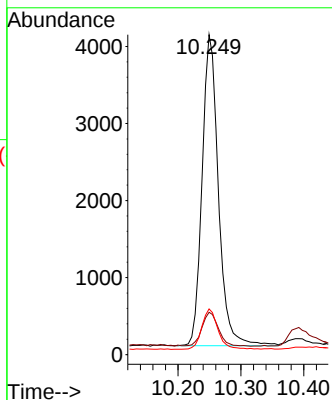
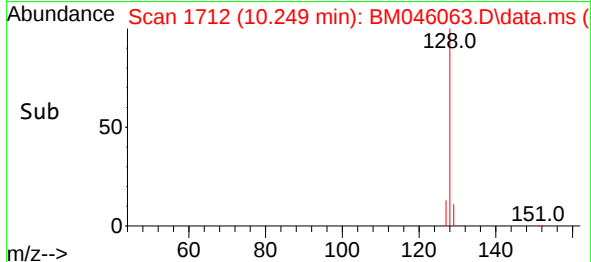
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:128 Resp: 731
Ion Ratio Lower Upper
128 100
129 13.3 11.8 17.6
127 14.3 12.8 19.2

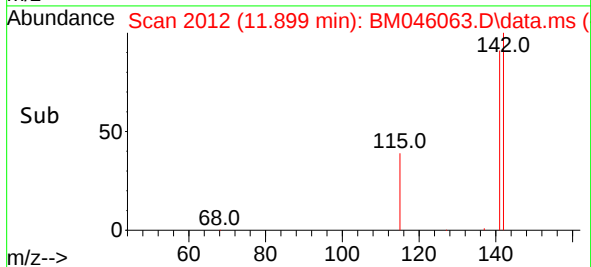
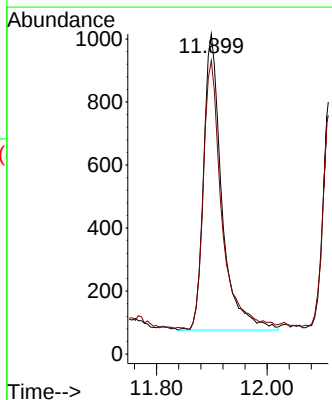
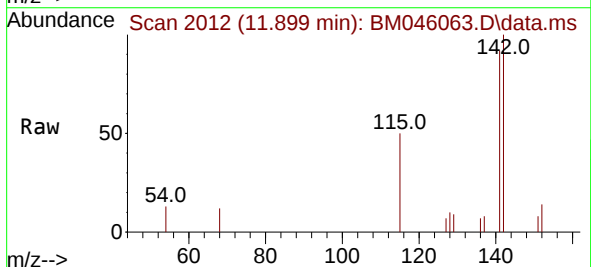
Manual Integrations
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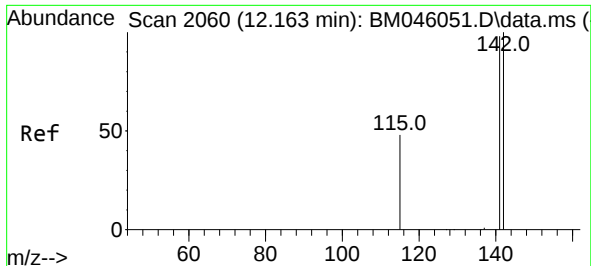
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 11.899 min Scan# 2012
Delta R.T. -0.048 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

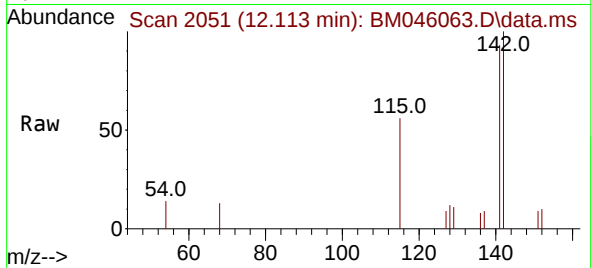
Tgt Ion:142 Resp: 2147
Ion Ratio Lower Upper
142 100
141 92.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.068 ng/ul
RT: 12.113 min Scan# 2060
Delta R.T. -0.037 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

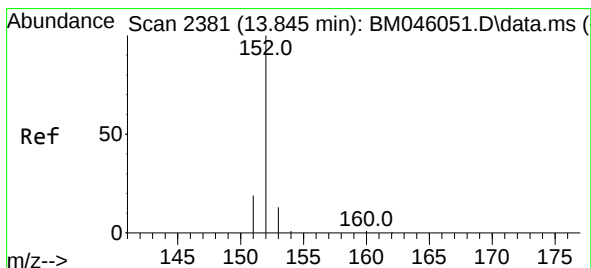
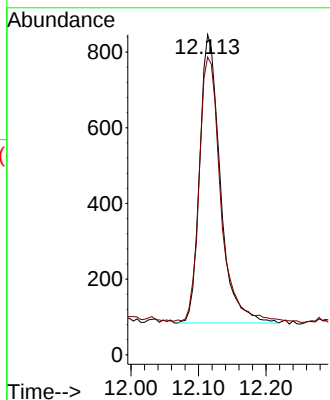
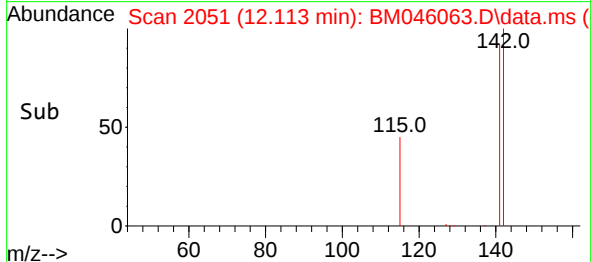
Instrument :
BNA_M
ClientSampleId :
A4BK5



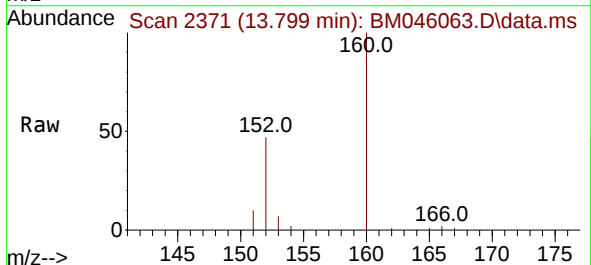
Tgt Ion:142 Resp: 1609
Ion Ratio Lower Upper
142 100
141 96.7 75.2 112.8

Manual Integrations
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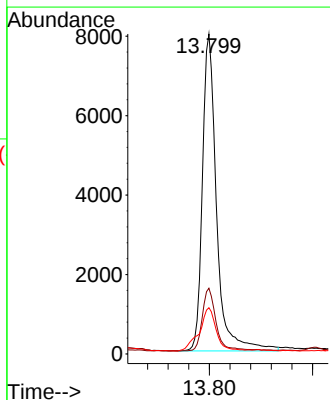
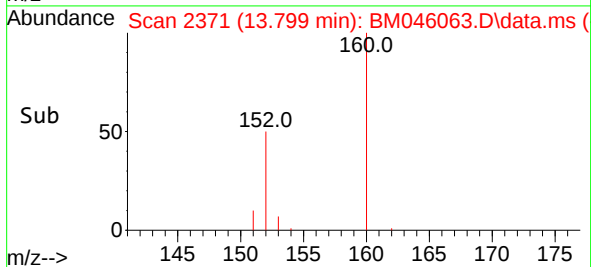
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

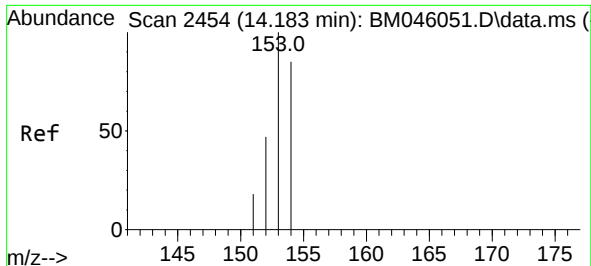


#10
Acenaphthylene
Concen: 0.427 ng/ul
RT: 13.799 min Scan# 2371
Delta R.T. -0.036 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28



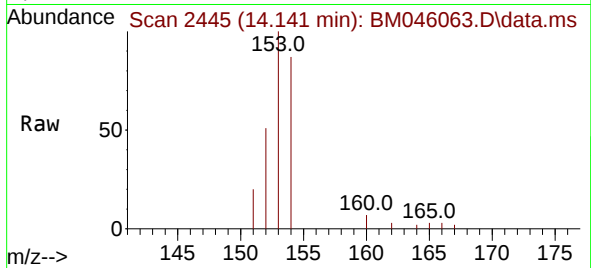
Tgt Ion:152 Resp: 15167
Ion Ratio Lower Upper
152 100
151 20.5 17.4 26.2
153 14.5 11.8 17.8





#11
Acenaphthene
Concen: 0.246 ng/ul
RT: 14.141 min Scan# 2445
Delta R.T. -0.031 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

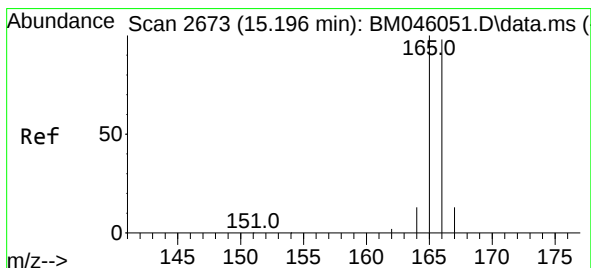
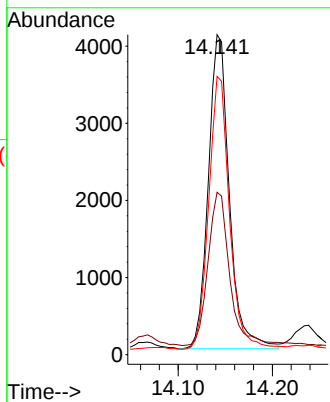
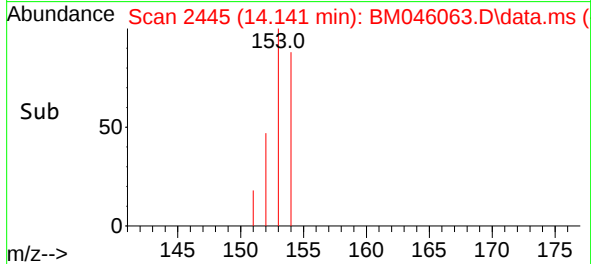
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:153 Resp: 6314
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 87.0 68.2 102.4

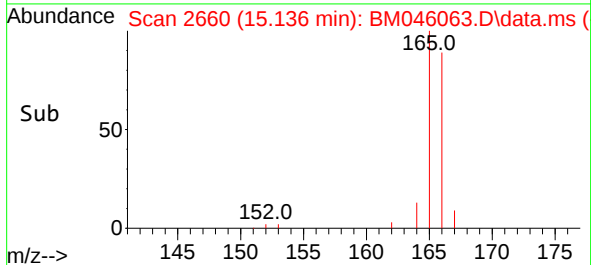
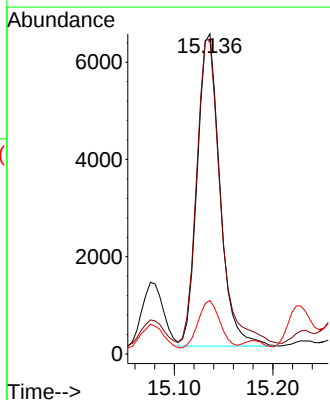
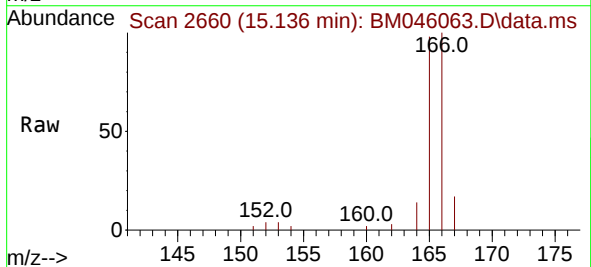
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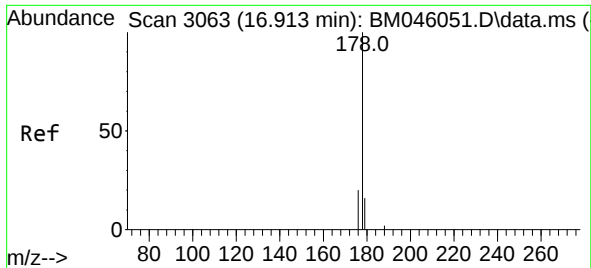
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.373 ng/ul
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

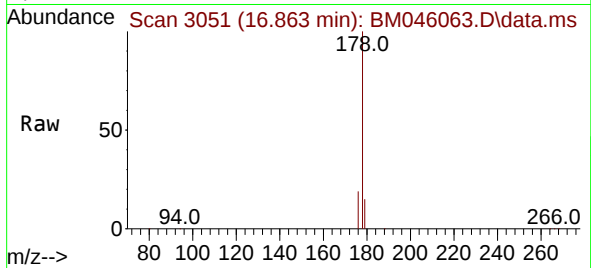
Tgt Ion:166 Resp: 10280
Ion Ratio Lower Upper
166 100
165 98.3 80.4 120.6
167 16.7 12.4 18.6





#15
Phenanthrene
Concen: 6.175 ng/ul m
RT: 16.863 min Scan# 3063
Delta R.T. -0.041 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

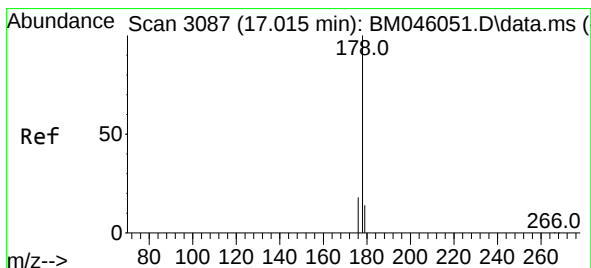
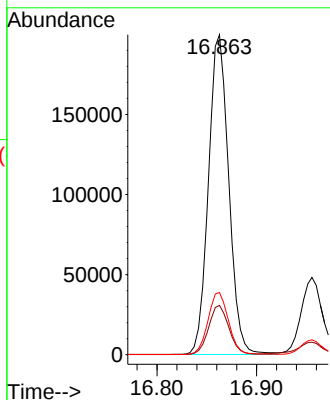
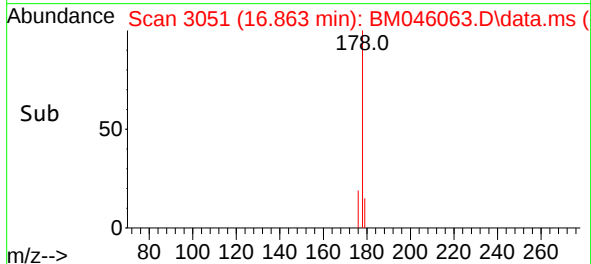
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:178 Resp: 282914
Ion Ratio Lower Upper
178 100
179 15.4 14.2 21.2
176 19.5 17.1 25.7

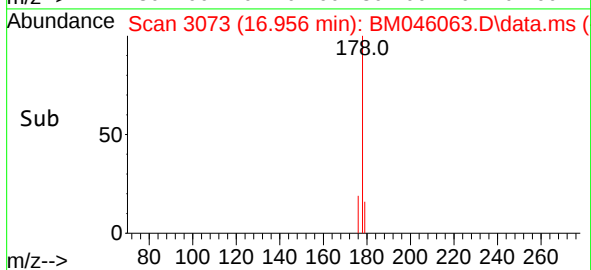
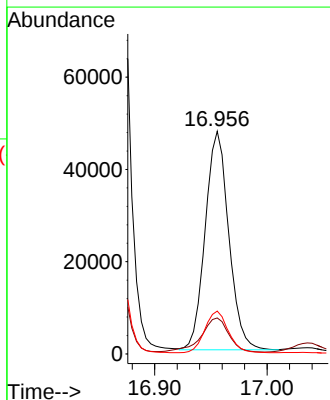
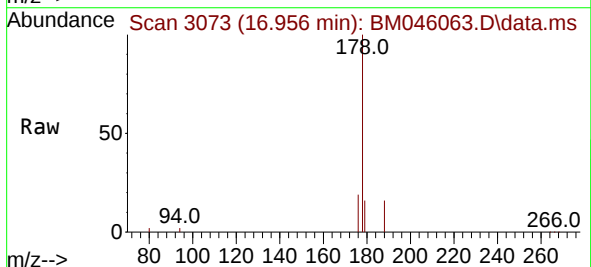
Manual Integrations
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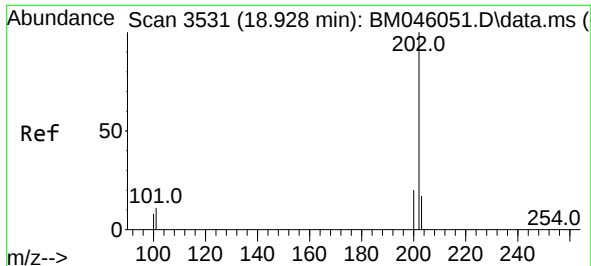
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#16
Anthracene
Concen: 2.021 ng/ul m
RT: 16.956 min Scan# 3073
Delta R.T. -0.049 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

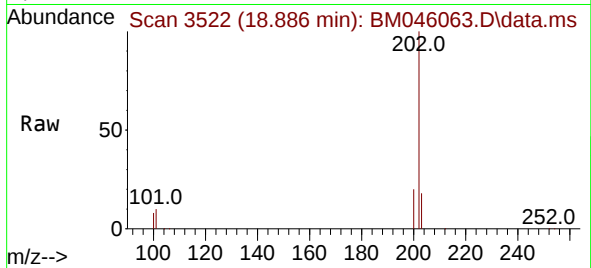
Tgt Ion:178 Resp: 68958
Ion Ratio Lower Upper
178 100
179 16.2 14.9 22.3
176 19.2 17.0 25.4





#19
Fluoranthene
Concen: 12.816 ng/u1
RT: 18.886 min Scan# 3522
Delta R.T. -0.031 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

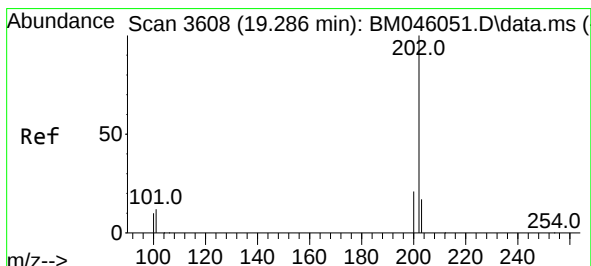
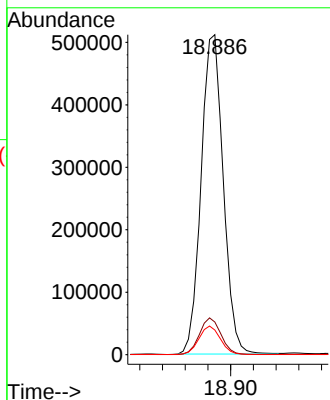
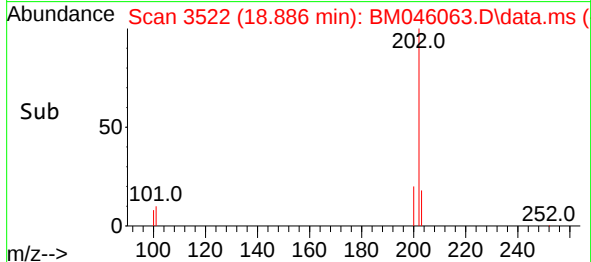
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:202 Resp: 691586
Ion Ratio Lower Upper
202 100
101 10.2 9.6 14.4
100 7.7 7.6 11.4

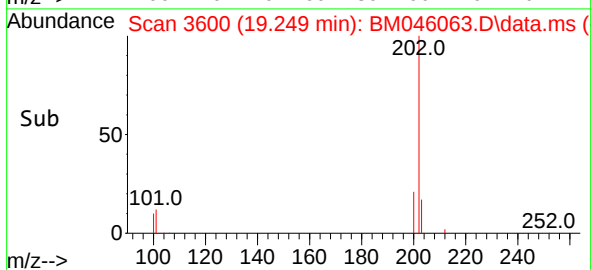
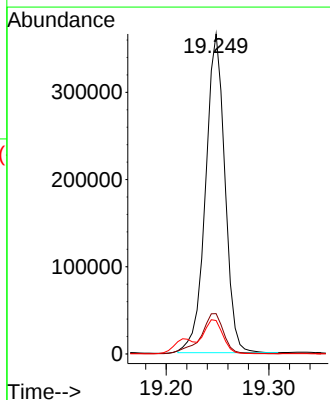
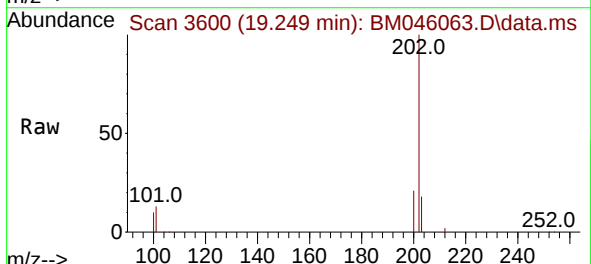
Manual Integrations
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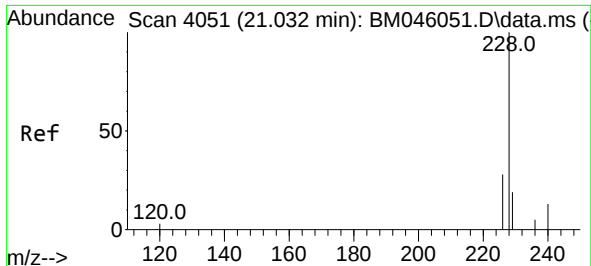
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 8.171 ng/u1
RT: 19.249 min Scan# 3600
Delta R.T. -0.026 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

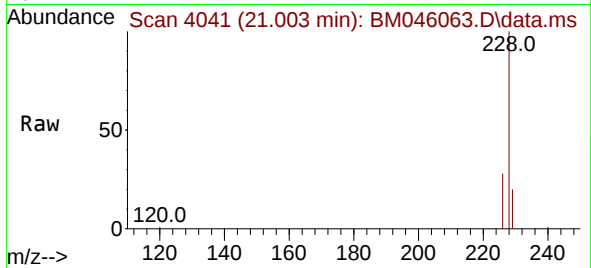
Tgt Ion:202 Resp: 476867
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 10.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 6.646 ng/ul m
RT: 21.003 min Scan# 4051
Delta R.T. -0.027 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

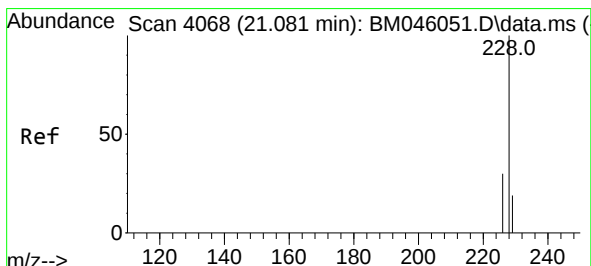
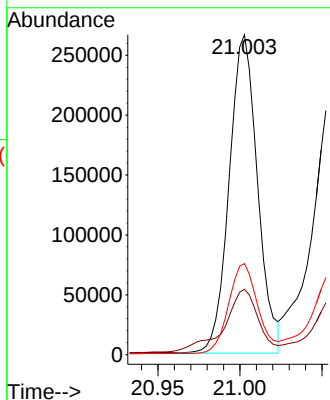
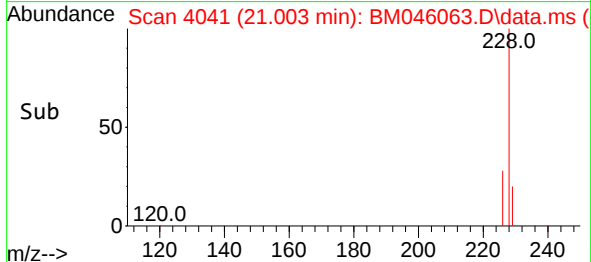
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:228 Resp: 319924
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.5 23.4 35.2

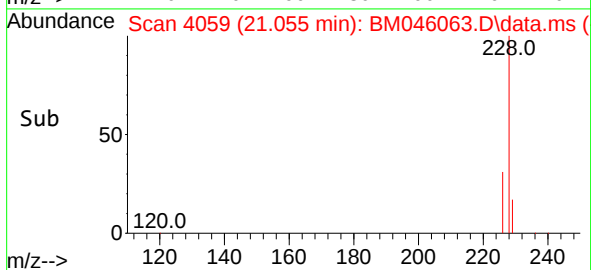
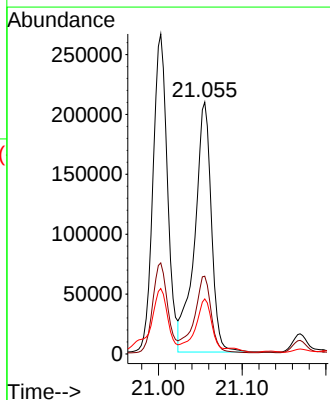
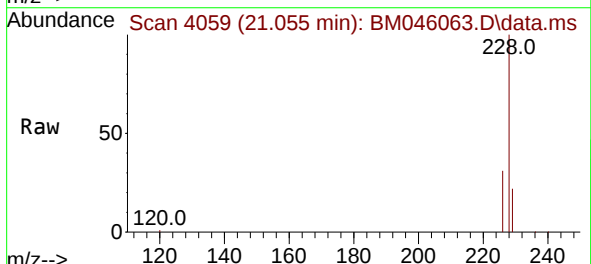
Manual Integrations
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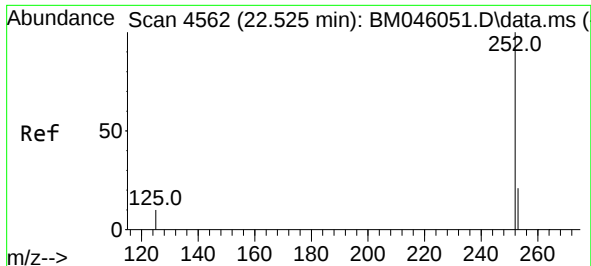
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 4.711 ng/ul
RT: 21.055 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

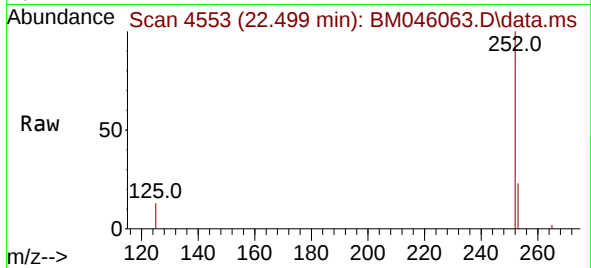
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Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 6.162 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

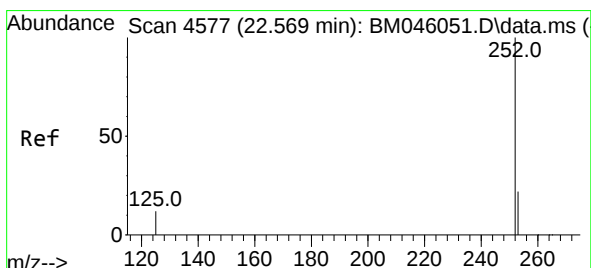
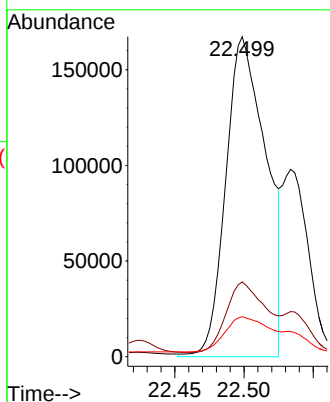
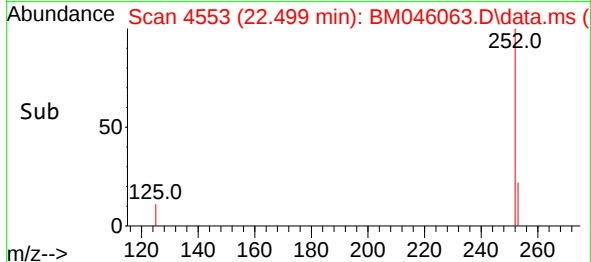
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:252 Resp: 339468
Ion Ratio Lower Upper
252 100
253 23.4 0.0 65.8
125 12.5 0.0 40.2

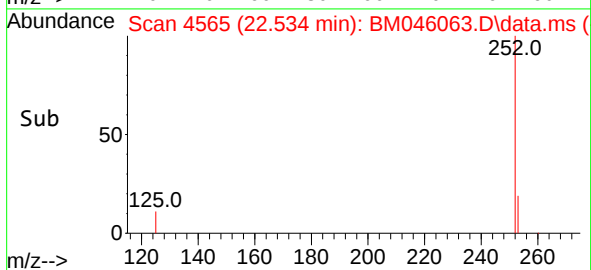
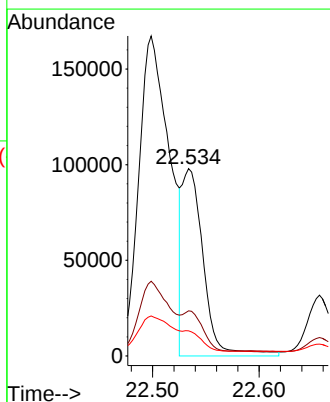
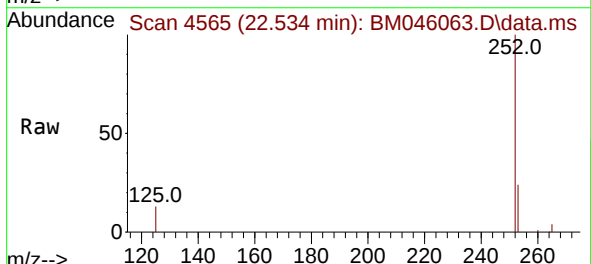
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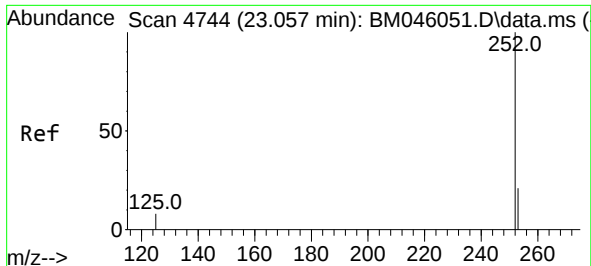
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 2.091 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.030 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

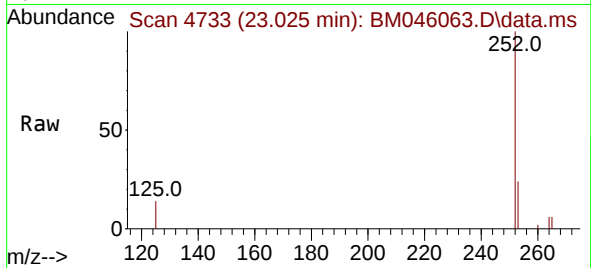
Tgt Ion:252 Resp: 136923
Ion Ratio Lower Upper
252 100
253 24.1 27.2 40.8#
125 13.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.701 ng/ul
RT: 23.025 min Scan# 41
Delta R.T. -0.030 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

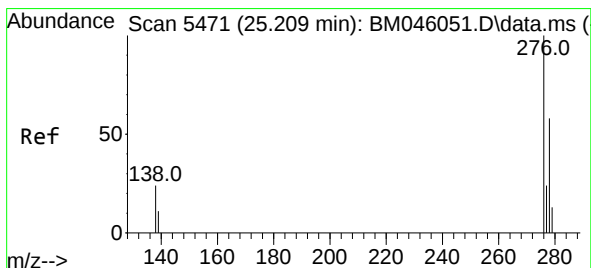
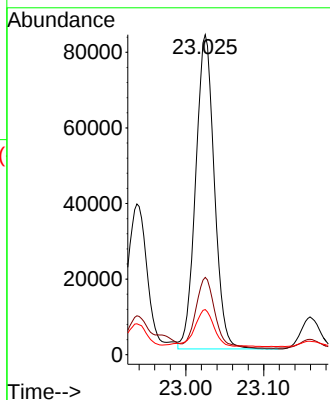
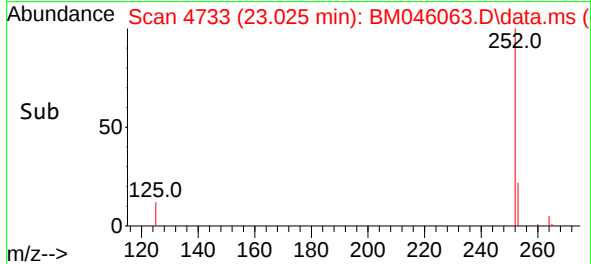
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:252 Resp: 137875
Ion Ratio Lower Upper
252 100
253 24.2 32.1 48.1
125 14.1 21.2 31.8

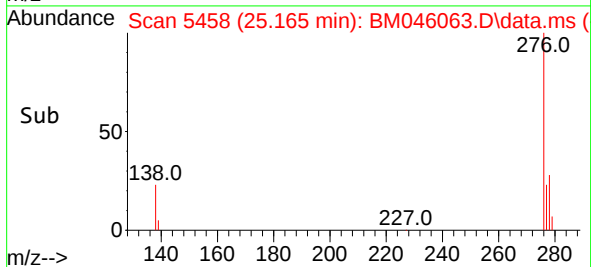
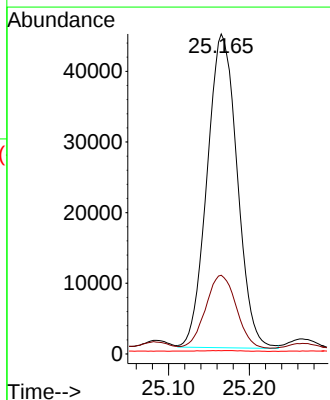
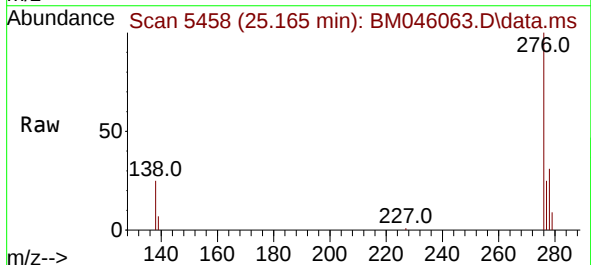
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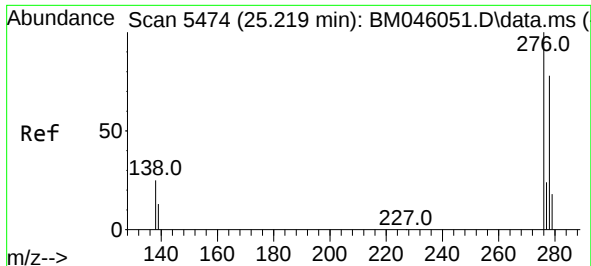
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.373 ng/ul
RT: 25.165 min Scan# 5458
Delta R.T. -0.037 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

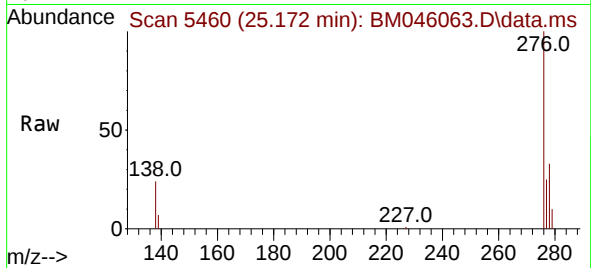
Tgt Ion:276 Resp: 114733
Ion Ratio Lower Upper
276 100
138 23.6 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.642 ng/ul
RT: 25.172 min Scan# 54
Delta R.T. -0.044 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

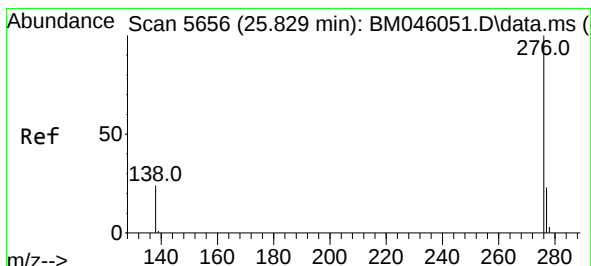
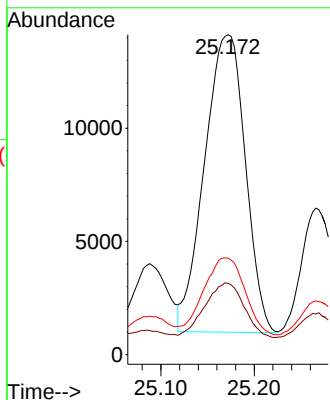
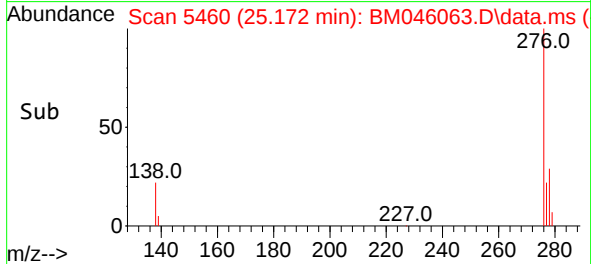
Instrument :
BNA_M
ClientSampleId :
A4BK5



Tgt Ion:278 Resp: 3990
Ion Ratio Lower Upper
278 100
139 22.3 17.6 26.4
279 30.1 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#29
Benzo(g,h,i)perylene
Concen: 0.217 ng/ul
RT: 25.792 min Scan# 5645
Delta R.T. -0.037 min
Lab File: BM046063.D
Acq: 18 Jun 2024 22:28

Tgt Ion:276 Resp: 15570
Ion Ratio Lower Upper
276 100
138 31.5 21.7 32.5
277 30.0 20.4 30.6

