

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046062.D
 Acq On : 18 Jun 2024 21:52
 Operator : MA/JU
 Sample : P2695-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK3

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:24:19 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	7.434	152	4808	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	13831	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.080	164	7375	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	15918m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	12756m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	14820m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	20269	3.073	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.820	152	4712	0.254	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	11843	0.310	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.248	128	4457	0.116	ng/ul	99
7) 2-Methylnaphthalene	11.897	142	1305	0.060	ng/ul	96
8) 1-Methylnaphthalene	12.112	142	1072	0.045	ng/ul	100
10) Acenaphthylene	13.797	152	8501	0.243	ng/ul	99
11) Acenaphthene	14.140	153	4527	0.179	ng/ul	99
12) Fluorene	15.134	166	5598	0.207	ng/ul	98
15) Phenanthrene	16.861	178	135522m	3.030	ng/ul	
16) Anthracene	16.954	178	23445m	0.704	ng/ul	
19) Fluoranthene	18.885	202	321503	5.821	ng/ul	97
20) Pyrene	19.247	202	215021	3.600	ng/ul	98
21) Benzo(a)anthracene	21.003	228	139196m	2.825	ng/ul	
22) Chrysene	21.056	228	157522	2.505	ng/ul	98
24) Benzo(b)fluoranthene	22.499	252	233032m	4.364	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	77721m	1.224	ng/ul	
26) Benzo(a)pyrene	23.025	252	80094	1.619	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.169	276	85394	1.055	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.172	278	27618	0.458	ng/ul	96
29) Benzo(g,h,i)perylene	25.796	276	12806	0.184	ng/ul#	89

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

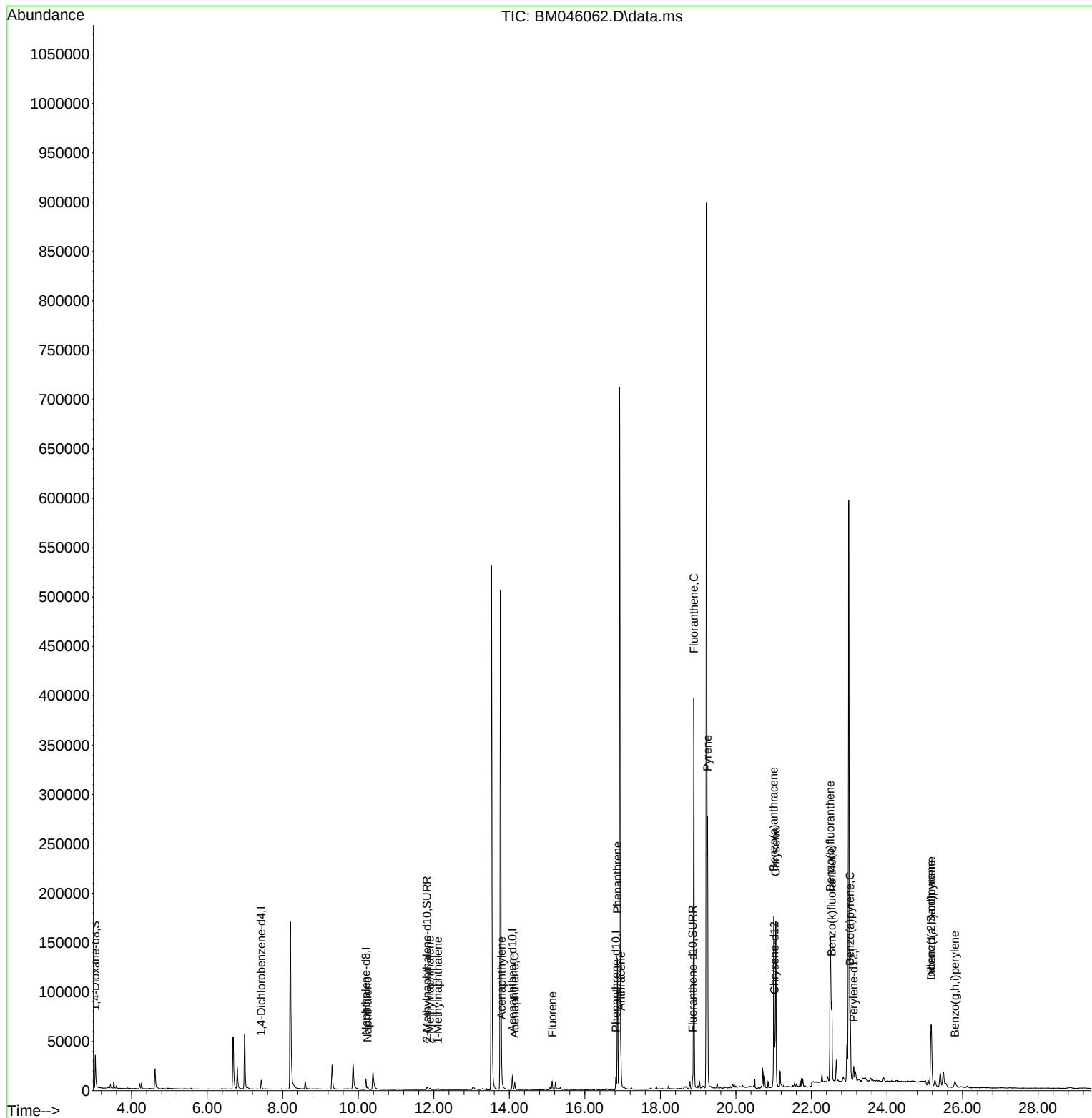
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046062.D
Acq On : 18 Jun 2024 21:52
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Misc :
ALS Vial : 15 Sample Multiplier: 1

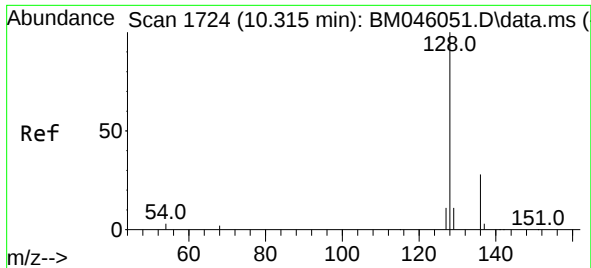
Instrument :
BNA_M
ClientSampleId :
A4BK3

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Supervised By :mohammad ahmed 06/21/2024

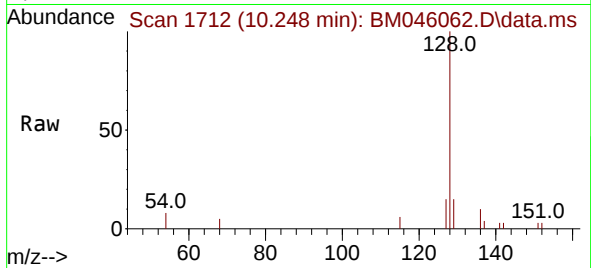
Quant Time: Jun 19 08:24:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.248 min Scan# 11
Delta R.T. -0.055 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

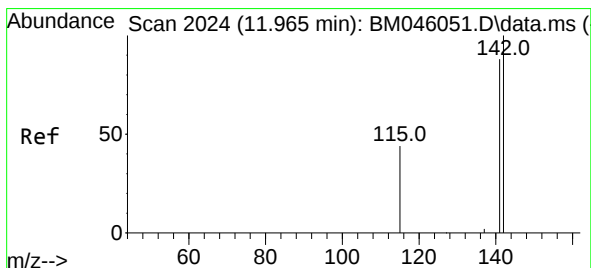
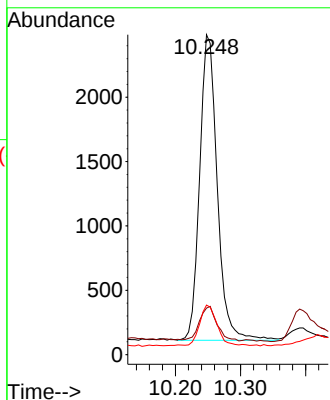
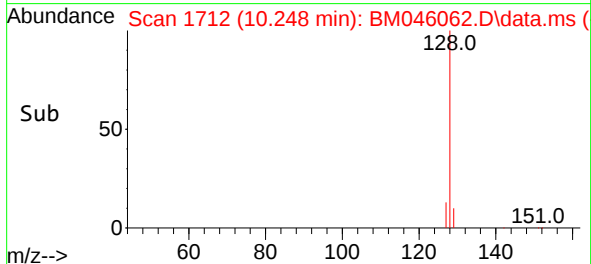
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:128 Resp: 445
Ion Ratio Lower Upper
128 100
129 14.5 11.8 17.6
127 15.5 12.8 19.2

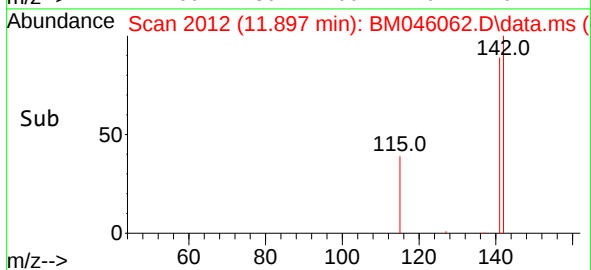
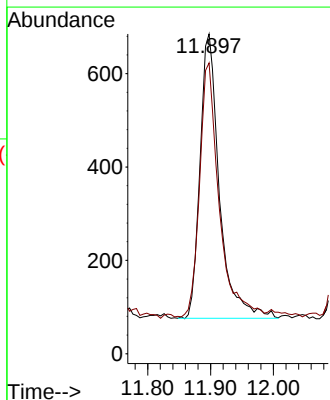
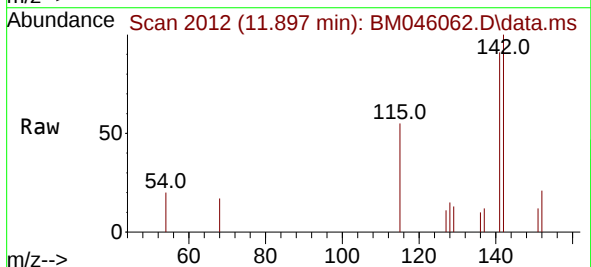
Manual Integrations
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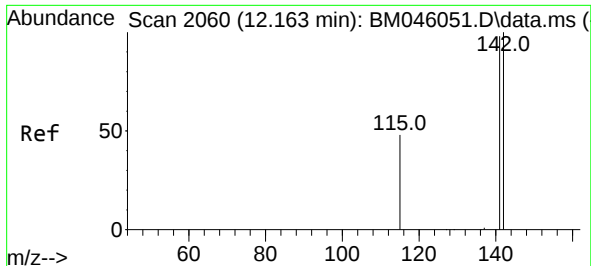
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.897 min Scan# 2012
Delta R.T. -0.050 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

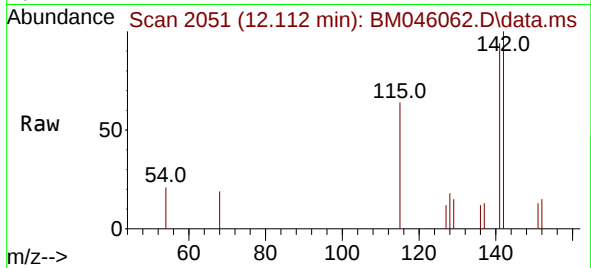
Tgt Ion:142 Resp: 1305
Ion Ratio Lower Upper
142 100
141 89.7 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.112 min Scan# 2060
Delta R.T. -0.039 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

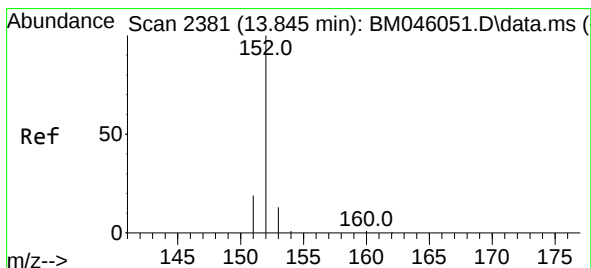
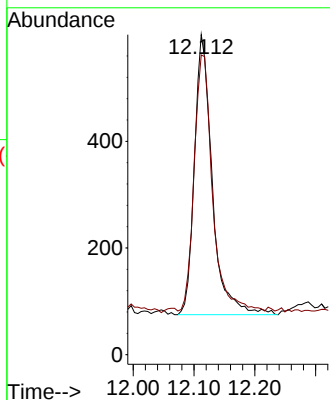
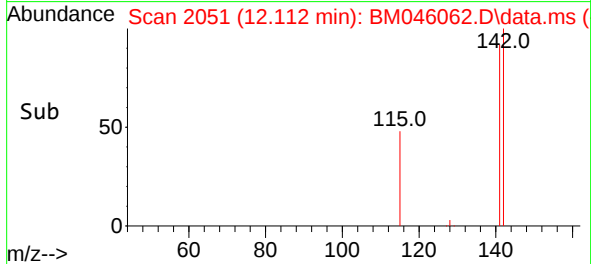
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:142 Resp: 1072
Ion Ratio Lower Upper
142 100
141 93.8 75.2 112.8

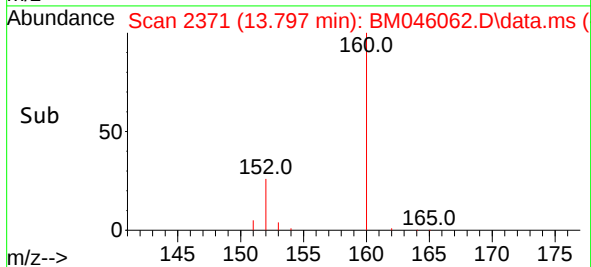
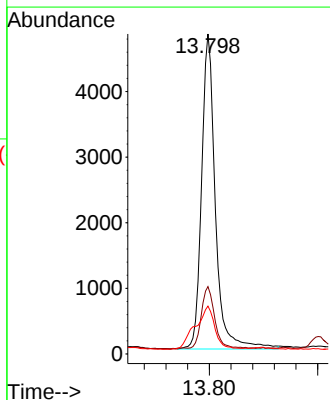
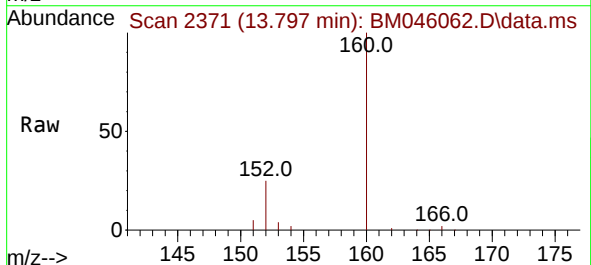
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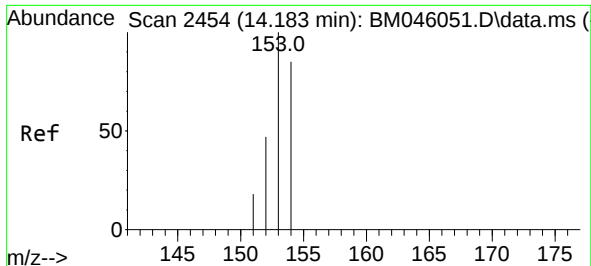
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

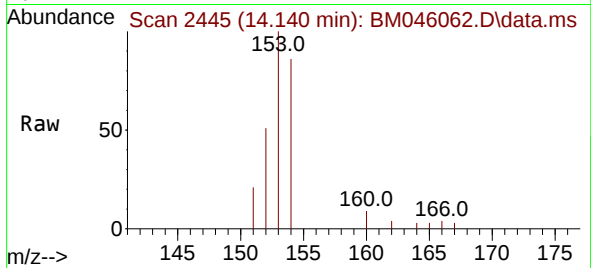
Tgt Ion:152 Resp: 8501
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 15.0 11.8 17.8





#11
Acenaphthene
Concen: 0.179 ng/u1
RT: 14.140 min Scan# 2454
Delta R.T. -0.032 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

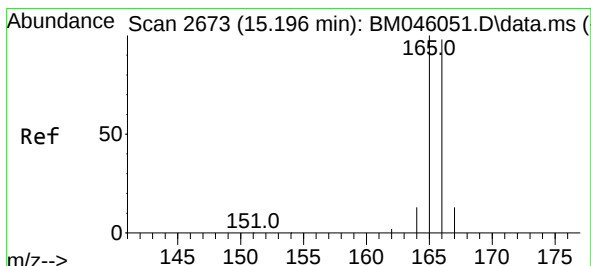
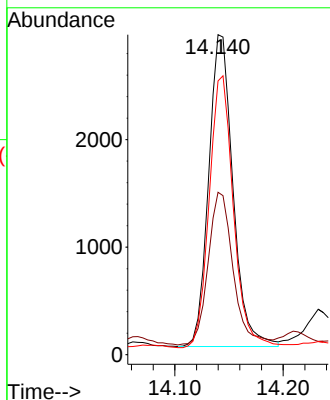
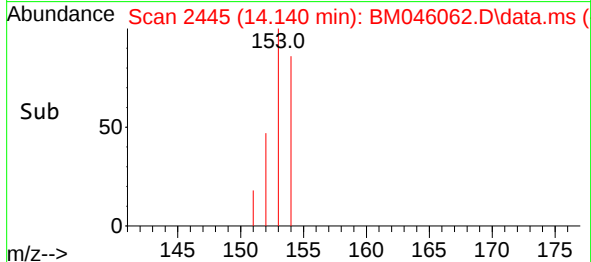
Instrument :
BNA_M
ClientSampleId :
A4BK3



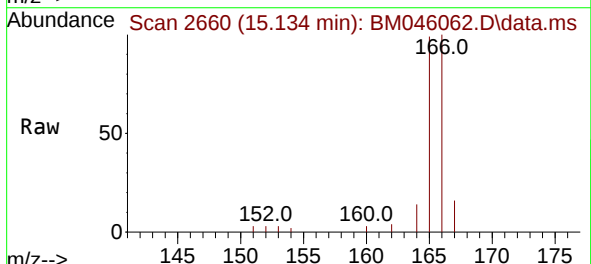
Tgt Ion:153 Resp: 452
Ion Ratio Lower Upper
153 100
152 50.7 41.3 61.9
154 85.6 68.2 102.4

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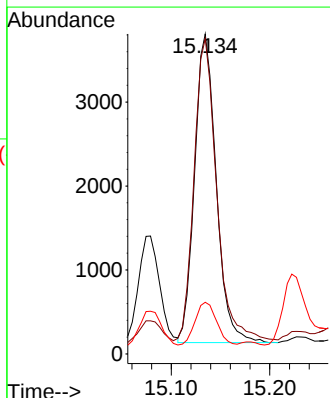
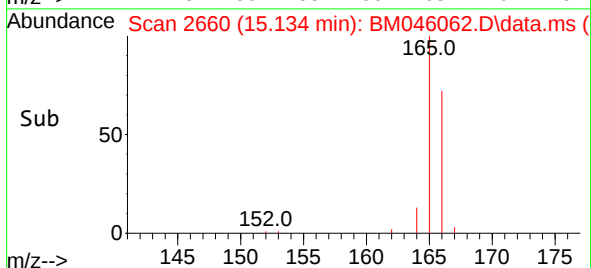
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

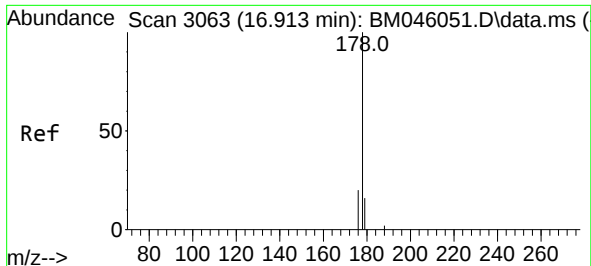


#12
Fluorene
Concen: 0.207 ng/u1
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52



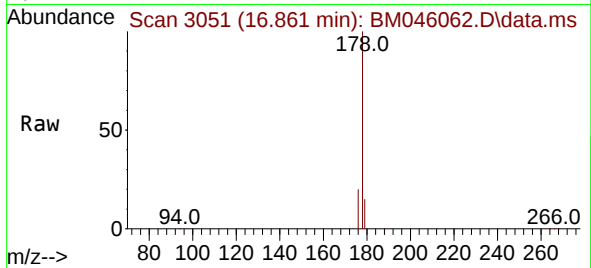
Tgt Ion:166 Resp: 5598
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 16.2 12.4 18.6





#15
Phenanthrene
Concen: 3.030 ng/ul m
RT: 16.861 min Scan# 3063
Delta R.T. -0.042 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

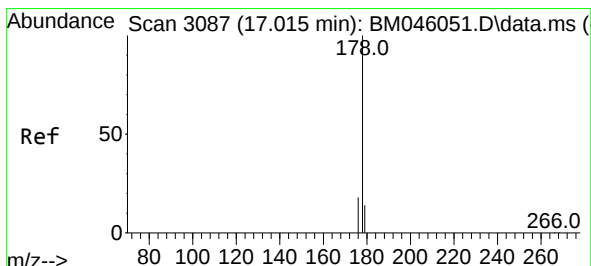
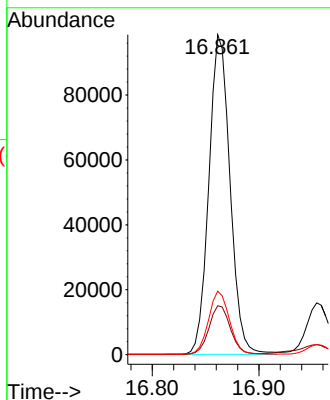
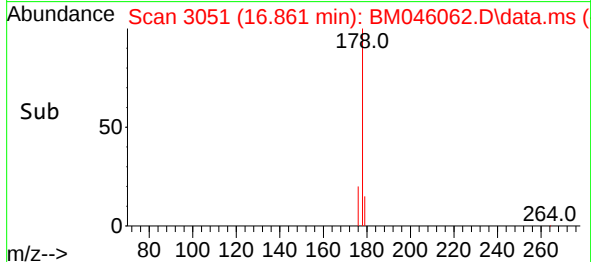
Instrument :
BNA_M
ClientSampleId :
A4BK3



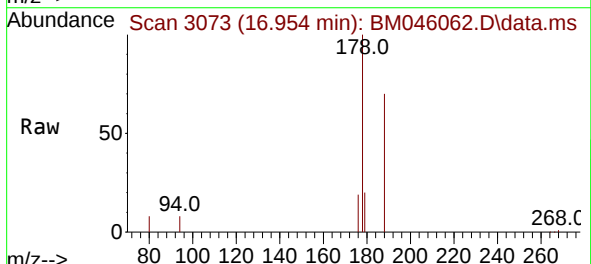
Tgt Ion:178 Resp: 13552
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 19.9 17.1 25.7

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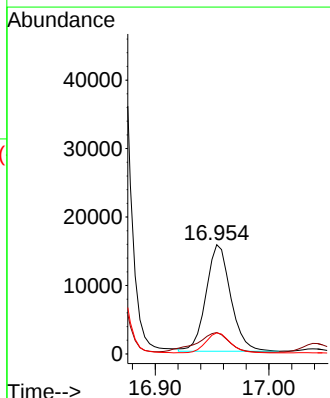
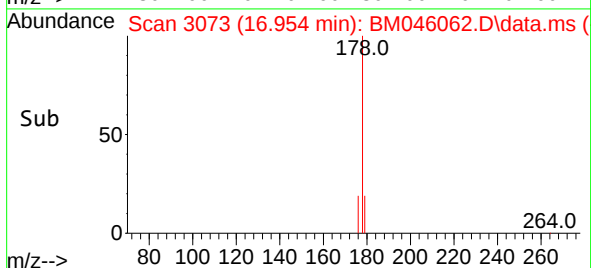
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

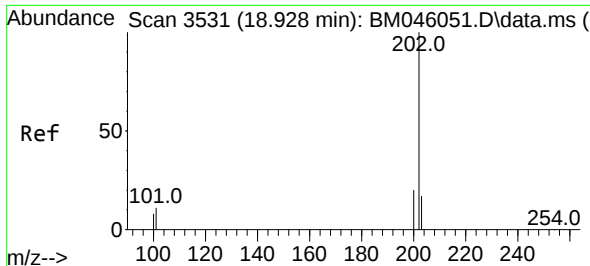


#16
Anthracene
Concen: 0.704 ng/ul m
RT: 16.954 min Scan# 3073
Delta R.T. -0.051 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52



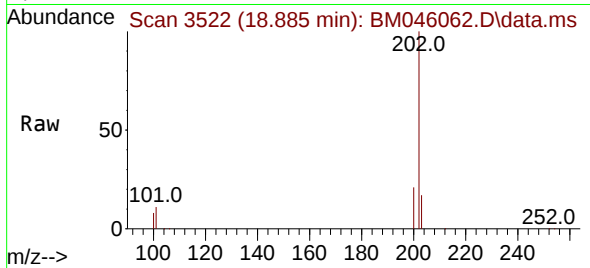
Tgt Ion:178 Resp: 23445
Ion Ratio Lower Upper
178 100
179 19.6 14.9 22.3
176 19.3 17.0 25.4





#19
Fluoranthene
Concen: 5.821 ng/u1
RT: 18.885 min Scan# 31
Delta R.T. -0.033 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

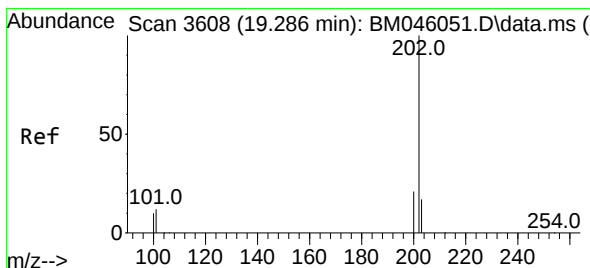
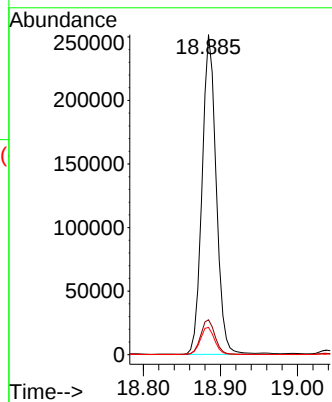
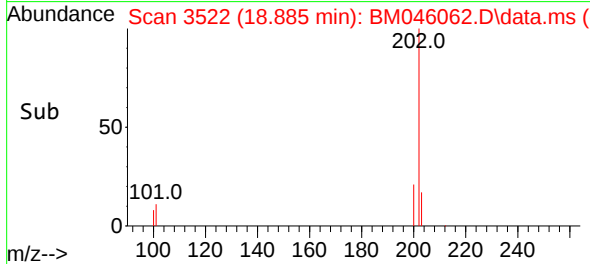
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:202 Resp: 32150
Ion Ratio Lower Upper
202 100
101 10.9 9.6 14.4
100 8.5 7.6 11.4

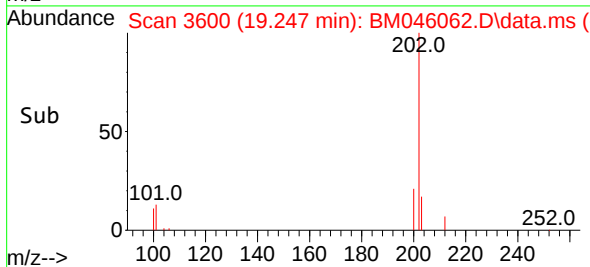
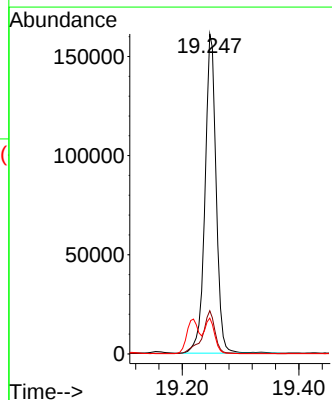
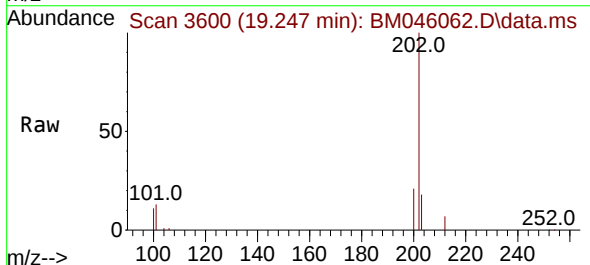
Manual Integrations
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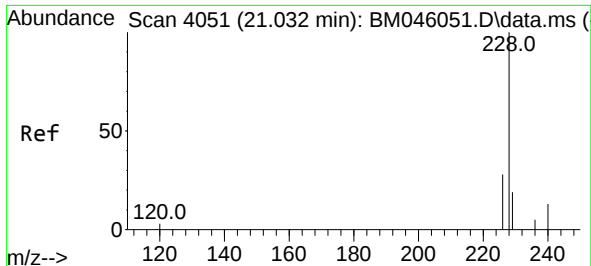
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 3.600 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

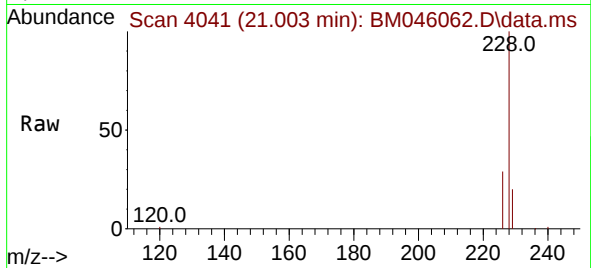
Tgt Ion:202 Resp: 215021
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.825 ng/ul m
RT: 21.003 min Scan# 4051
Delta R.T. -0.026 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

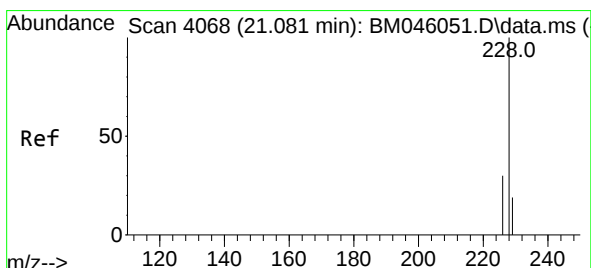
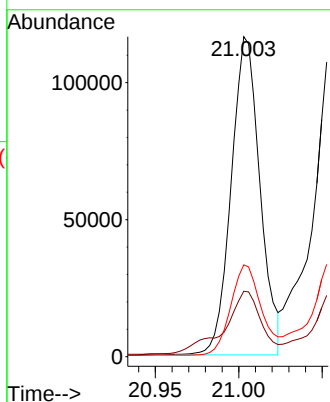
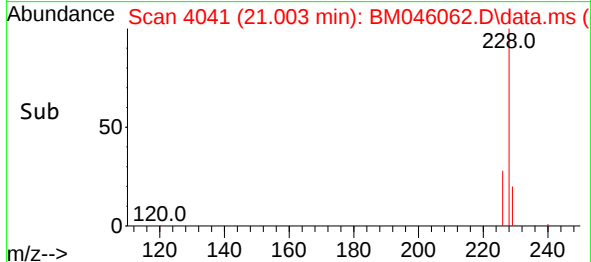
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:228 Resp: 139190
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.7 23.4 35.2

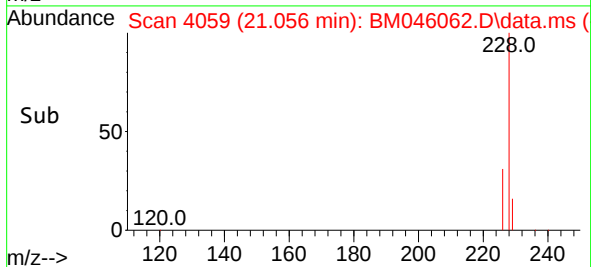
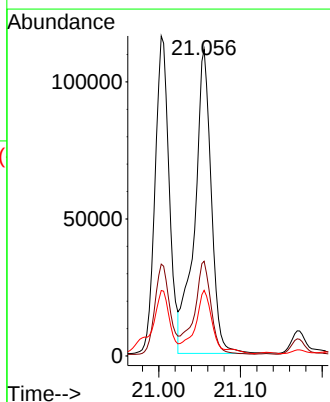
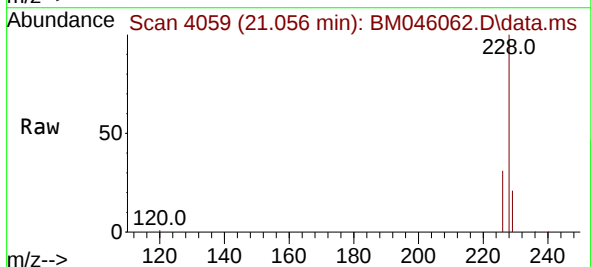
Manual Integrations
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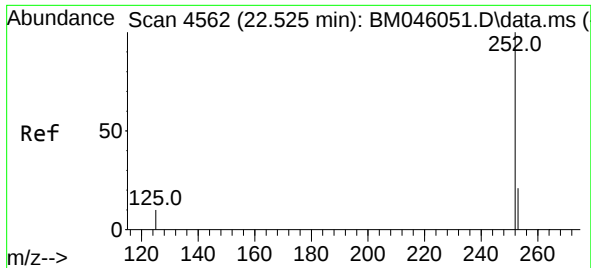
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.505 ng/ul
RT: 21.056 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

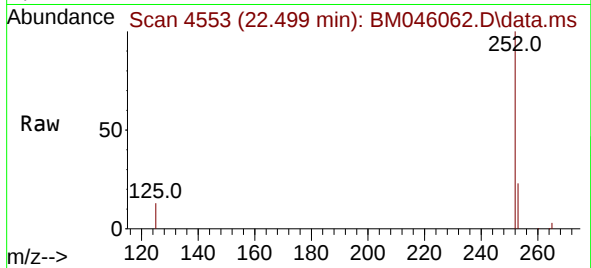
Tgt Ion:228 Resp: 157522
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.4 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 4.364 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

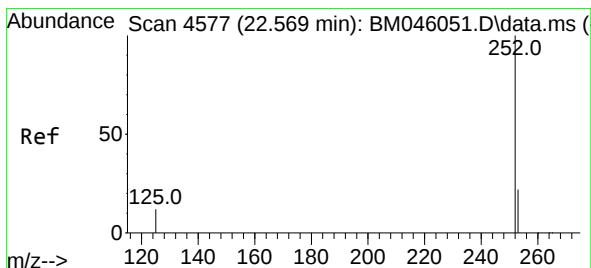
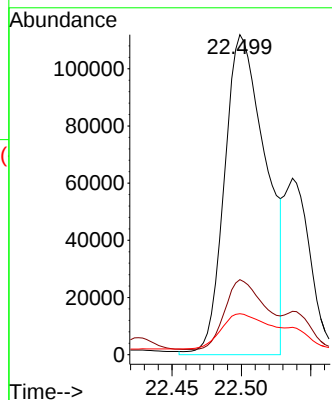
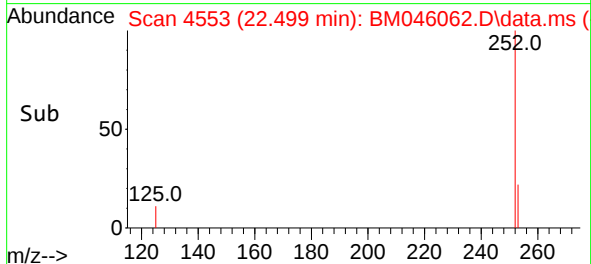
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:252 Resp: 23303
Ion Ratio Lower Upper
252 100
253 23.4 0.0 65.8
125 12.8 0.0 40.2

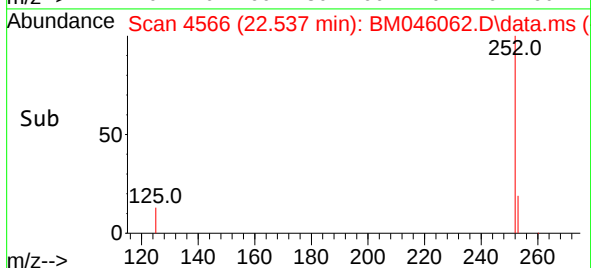
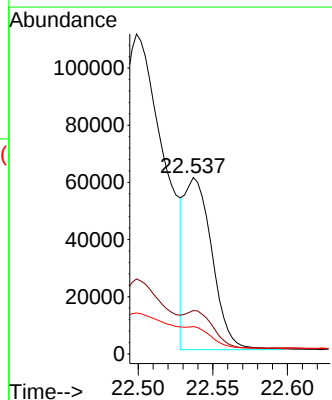
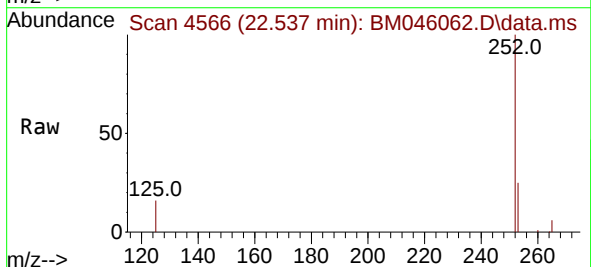
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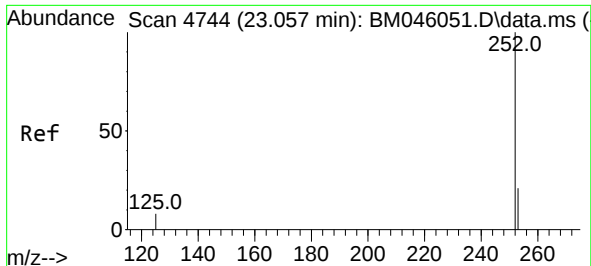
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.224 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

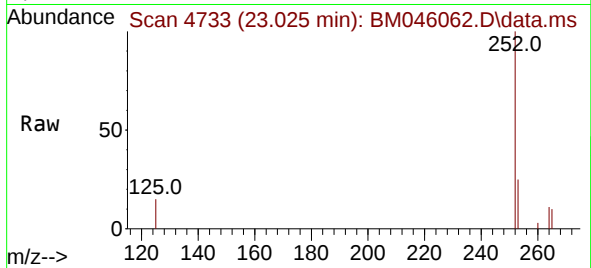
Tgt Ion:252 Resp: 77721
Ion Ratio Lower Upper
252 100
253 24.6 27.2 40.8#
125 15.5 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 1.619 ng/ul
RT: 23.025 min Scan# 41
Delta R.T. -0.029 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

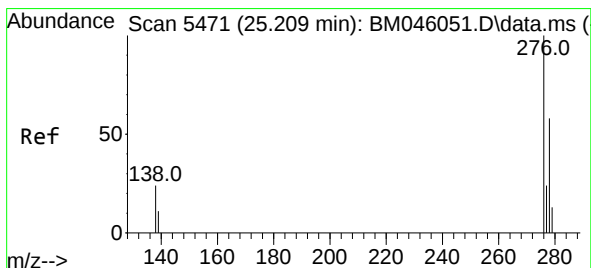
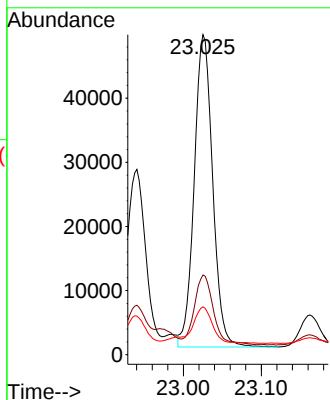
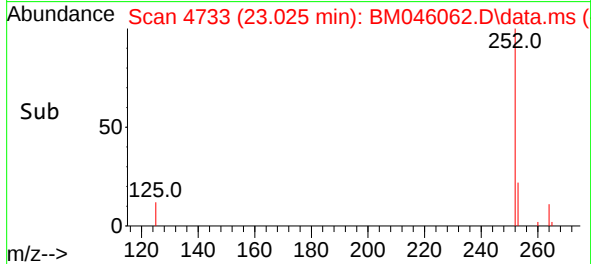
Instrument :
BNA_M
ClientSampleId :
A4BK3



Tgt Ion:252 Resp: 80094
Ion Ratio Lower Upper
252 100
253 24.9 32.1 48.1
125 15.0 21.2 31.8

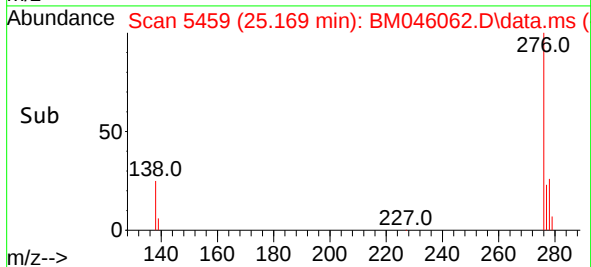
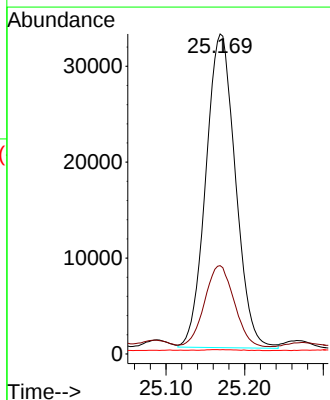
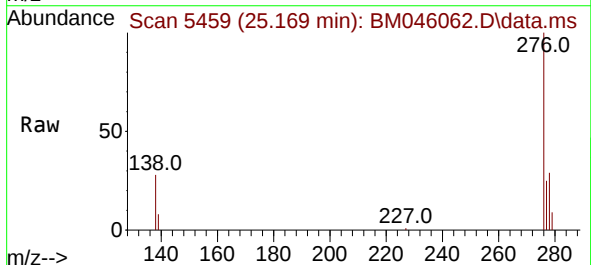
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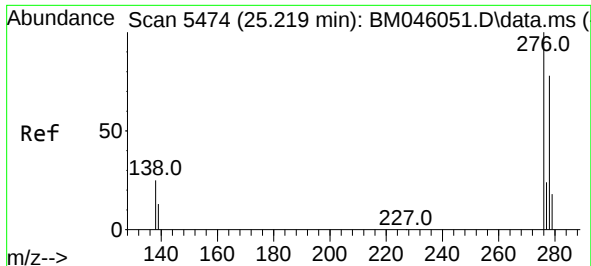
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.055 ng/ul
RT: 25.169 min Scan# 5459
Delta R.T. -0.034 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

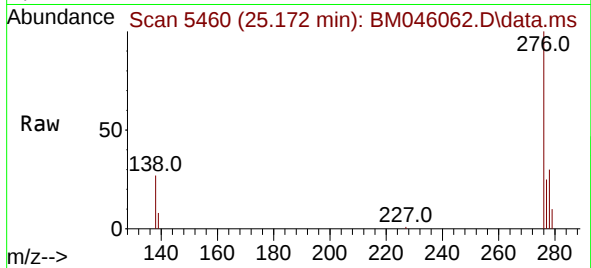
Tgt Ion:276 Resp: 85394
Ion Ratio Lower Upper
276 100
138 25.8 21.0 31.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.458 ng/ul
RT: 25.172 min Scan# 5474
Delta R.T. -0.044 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52

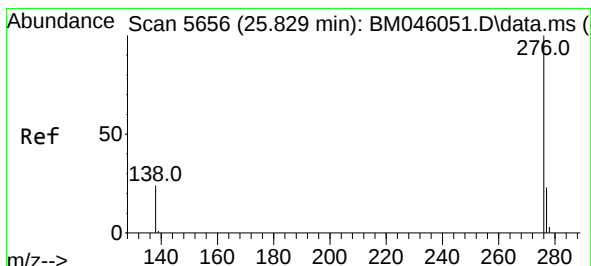
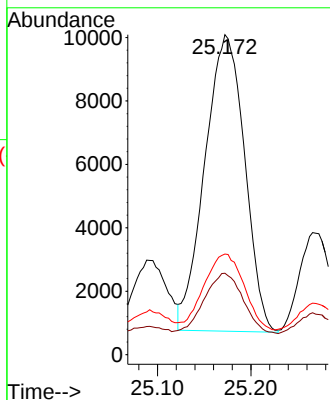
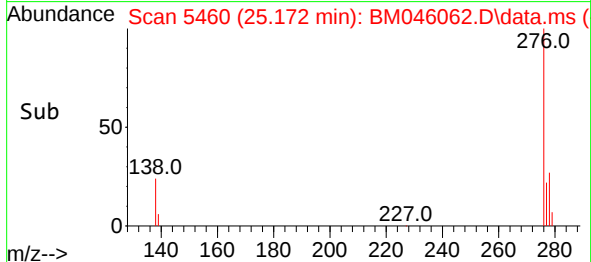
Instrument :
BNA_M
ClientSampleId :
A4BK3



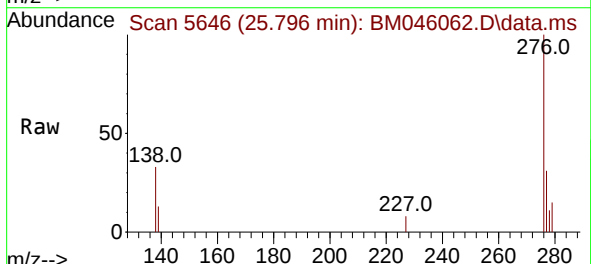
Tgt Ion:278 Resp: 27618
Ion Ratio Lower Upper
278 100
139 25.4 17.6 26.4
279 31.5 26.3 39.5

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APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046062.D
Acq: 18 Jun 2024 21:52



Tgt Ion:276 Resp: 12806
Ion Ratio Lower Upper
276 100
138 32.6 21.7 32.5#
277 30.8 20.4 30.6#

