

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046061.D
 Acq On : 18 Jun 2024 21:15
 Operator : MA/JU
 Sample : P2695-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK2

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:44:20 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	3939	0.400	ng/ul	#-0.03
4) Naphthalene-d8	10.204	136	11186	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.084	164	5990	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	13165m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	10753m	0.400	ng/ul	-0.02
23) Perylene-d12	23.119	264	12136m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	18597	3.441	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.826	152	4099	0.273	ng/ul	-0.04
18) Fluoranthene-d10	18.857	212	10509	0.326	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	4433	0.142	ng/ul	99
7) 2-Methylnaphthalene	11.903	142	1304	0.074	ng/ul	96
8) 1-Methylnaphthalene	12.117	142	1038	0.054	ng/ul	97
10) Acenaphthylene	13.797	152	8801	0.310	ng/ul	99
11) Acenaphthene	14.144	153	4495	0.219	ng/ul	97
12) Fluorene	15.134	166	5684	0.258	ng/ul	99
15) Phenanthrene	16.861	178	126361m	3.416	ng/ul	
16) Anthracene	16.958	178	18648m	0.677	ng/ul	
19) Fluoranthene	18.884	202	305702	6.566	ng/ul	97
20) Pyrene	19.247	202	198547	3.943	ng/ul	99
21) Benzo(a)anthracene	21.006	228	99698	2.400	ng/ul	99
22) Chrysene	21.056	228	115616	2.181	ng/ul	99
24) Benzo(b)fluoranthene	22.499	252	162119m	3.708	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	56183m	1.081	ng/ul	
26) Benzo(a)pyrene	23.028	252	54733	1.351	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.169	276	56569	0.853	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.172	278	17750	0.360	ng/ul	96
29) Benzo(g,h,i)perylene	25.799	276	8674	0.153	ng/ul#	85

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

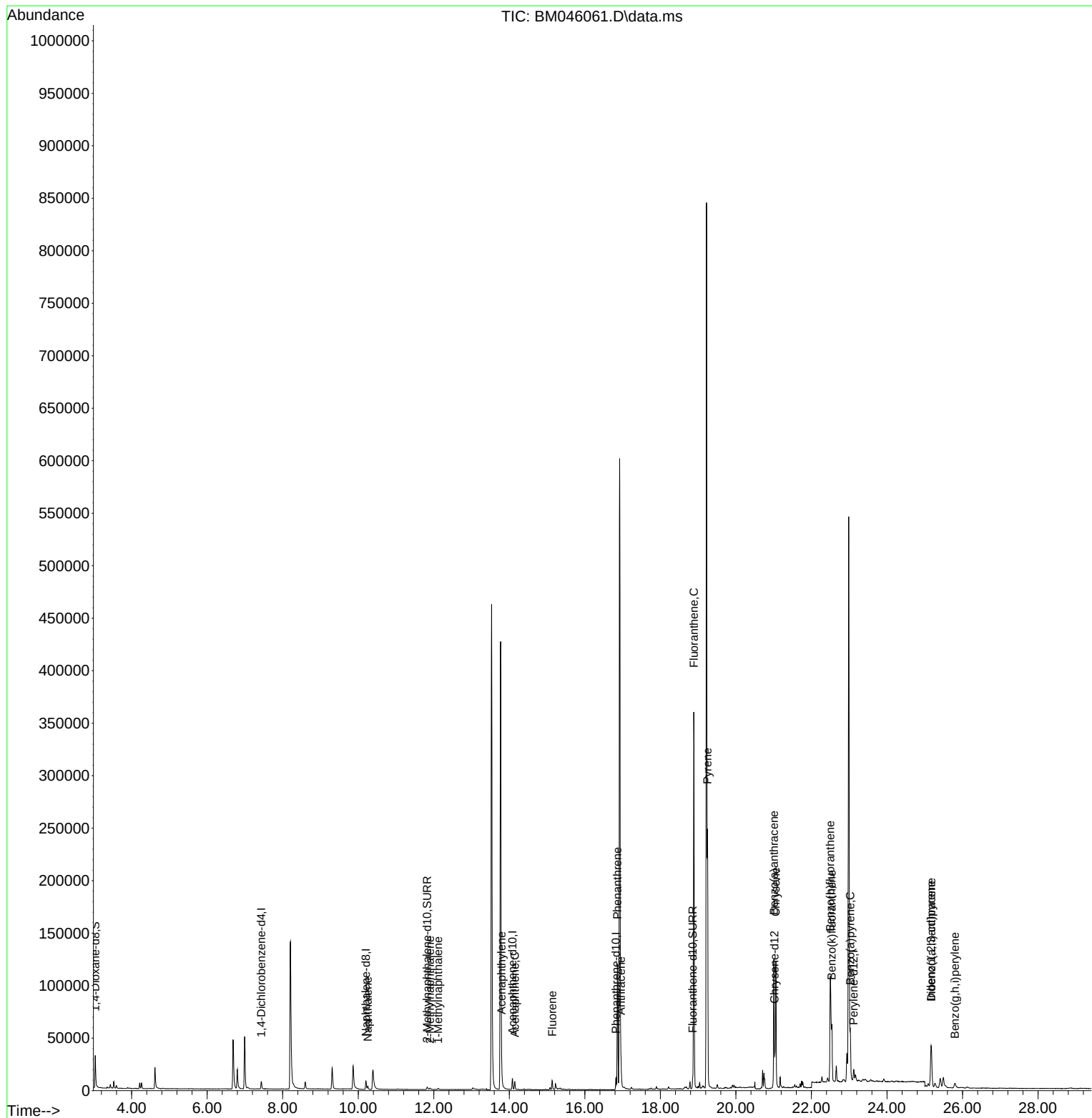
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046061.D
Acq On : 18 Jun 2024 21:15
Operator : MA/JU
Sample : P2695-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

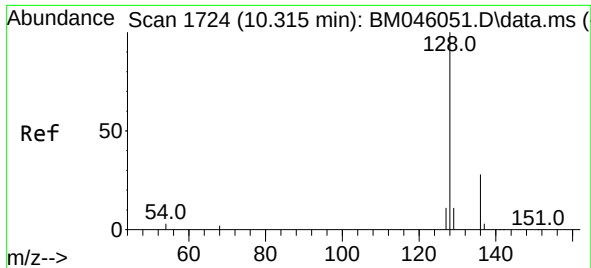
Instrument :
BNA_M
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Supervised By :mohammad ahmed 06/21/2024

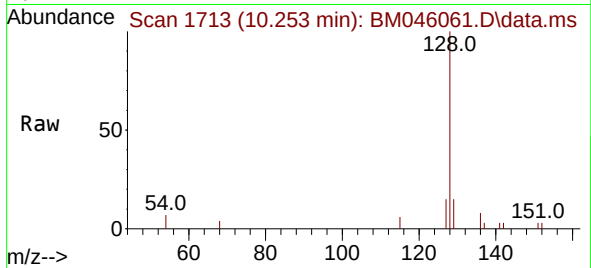
Quant Time: Jun 19 08:44:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.142 ng/ul
RT: 10.253 min Scan# 1713
Delta R.T. -0.050 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

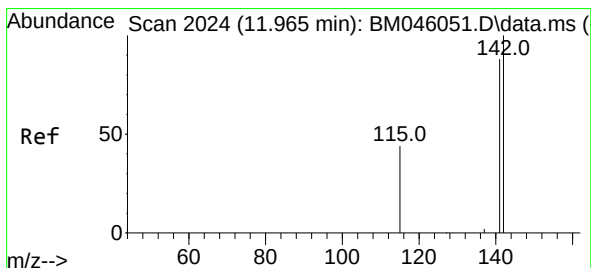
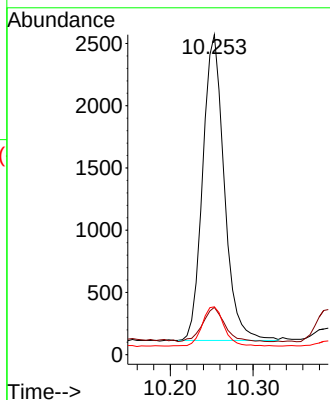
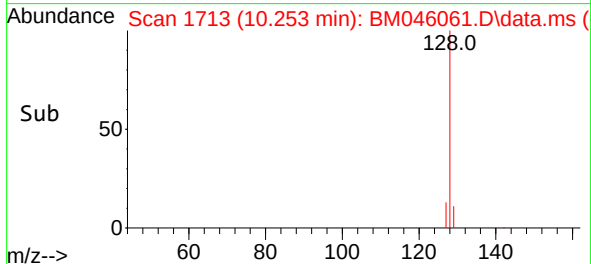
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:128 Resp: 443
Ion Ratio Lower Upper
128 100
129 14.8 11.8 17.6
127 14.9 12.8 19.2

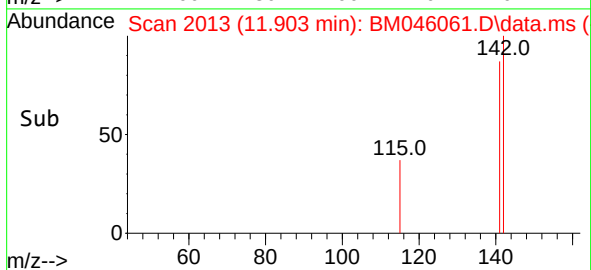
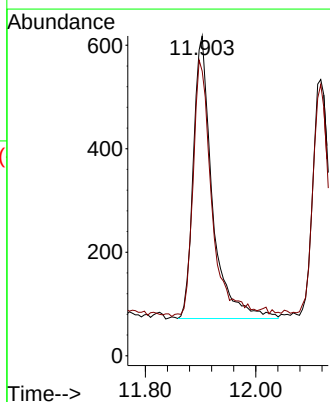
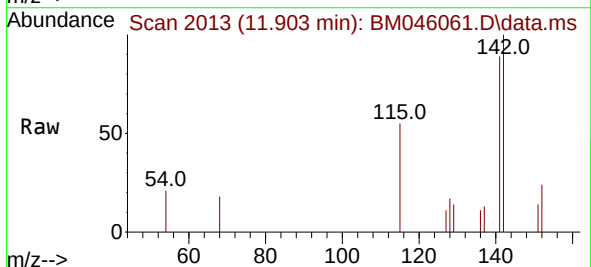
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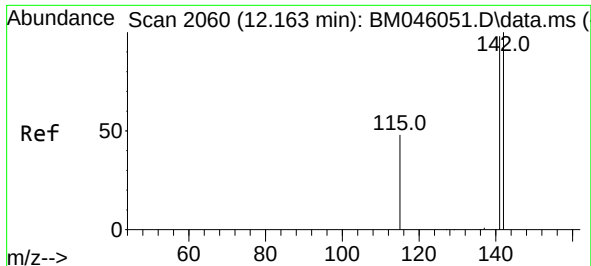
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

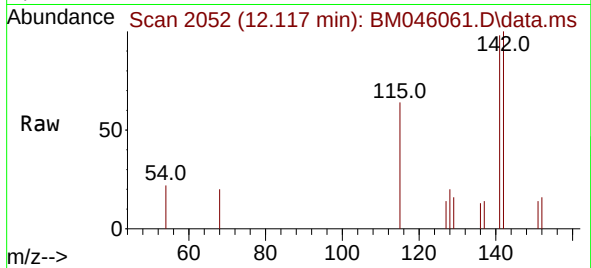
Tgt Ion:142 Resp: 1304
Ion Ratio Lower Upper
142 100
141 89.1 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.117 min Scan# 2060
Delta R.T. -0.033 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

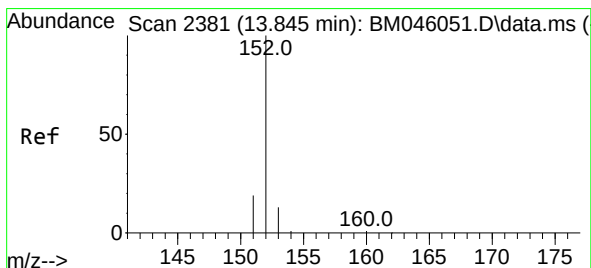
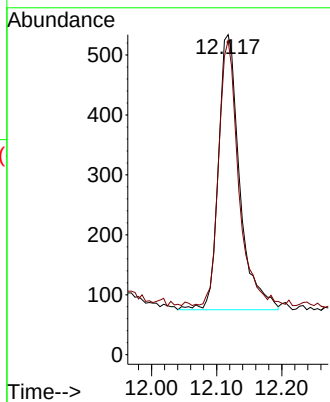
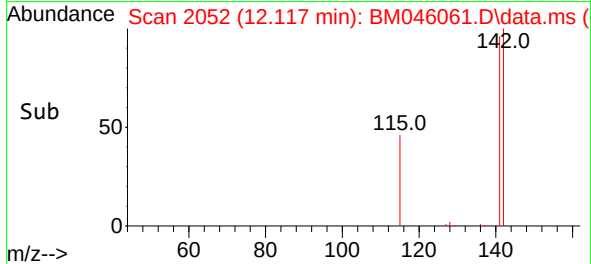
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 1038
Ion Ratio Lower Upper
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141 91.5 75.2 112.8

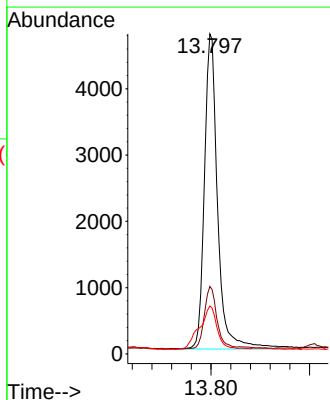
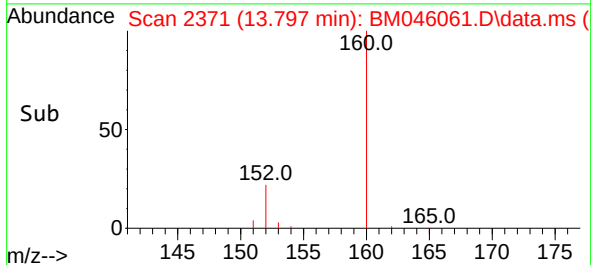
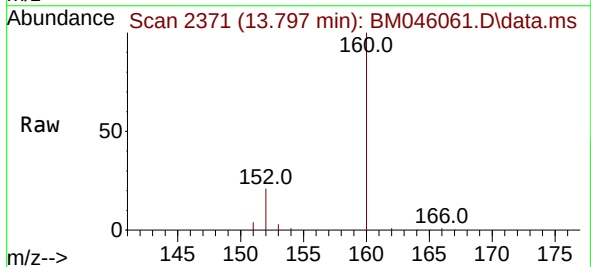
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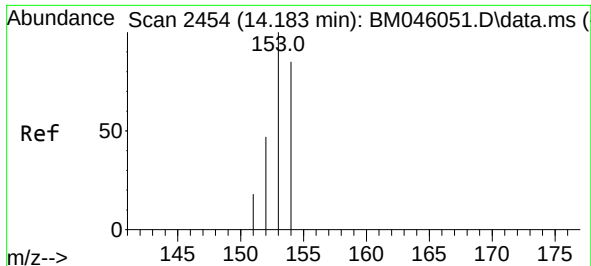
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.310 ng/ul
RT: 13.797 min Scan# 2371
Delta R.T. -0.037 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

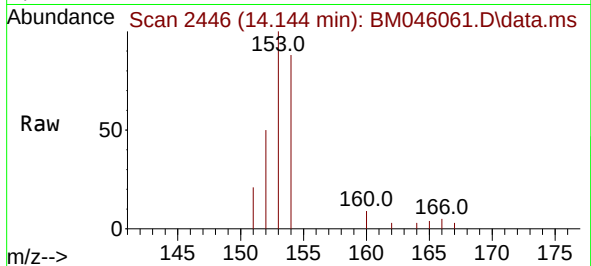
Tgt Ion:152 Resp: 8801
Ion Ratio Lower Upper
152 100
151 21.1 17.4 26.2
153 15.0 11.8 17.8





#11
Acenaphthene
Concen: 0.219 ng/ul
RT: 14.144 min Scan# 2446
Delta R.T. -0.028 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

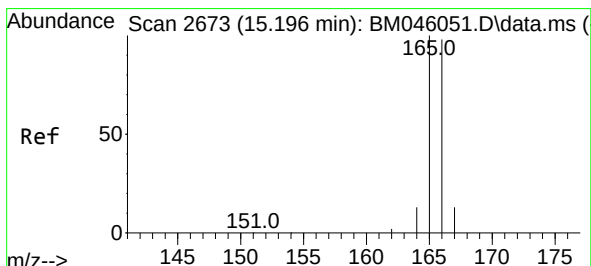
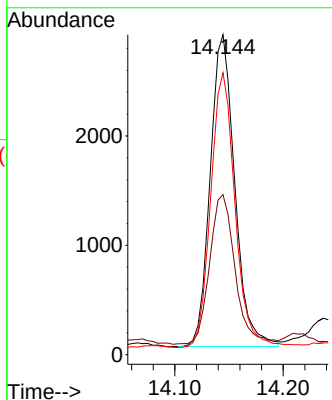
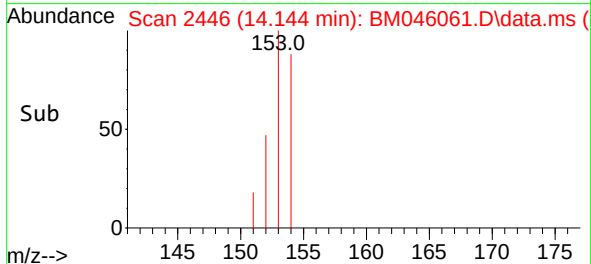
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:153 Resp: 4495
Ion Ratio Lower Upper
153 100
152 50.0 41.3 61.9
154 88.1 68.2 102.4

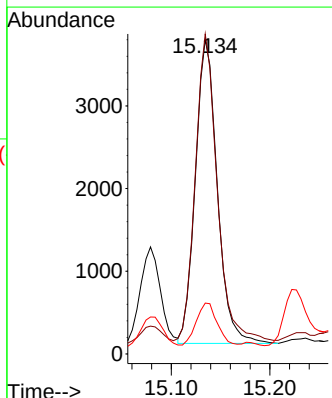
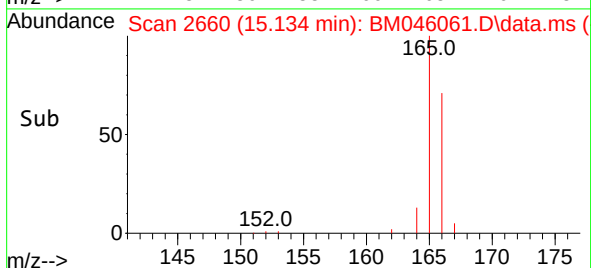
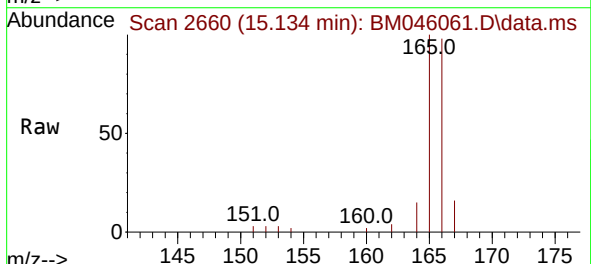
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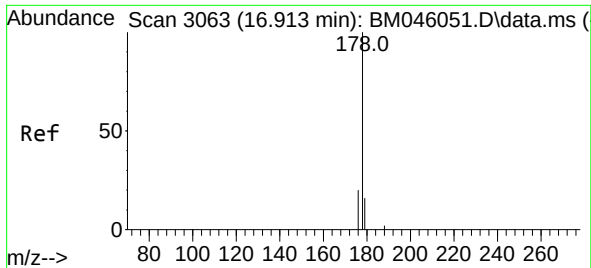
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.258 ng/ul
RT: 15.134 min Scan# 2660
Delta R.T. -0.046 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Tgt Ion:166 Resp: 5684
Ion Ratio Lower Upper
166 100
165 101.8 80.4 120.6
167 16.2 12.4 18.6





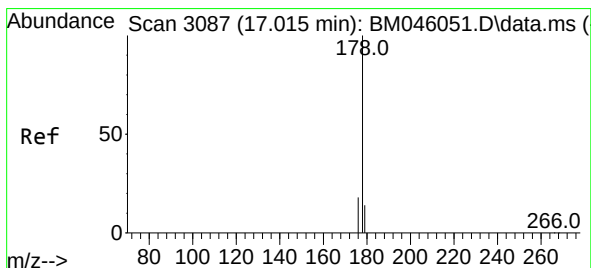
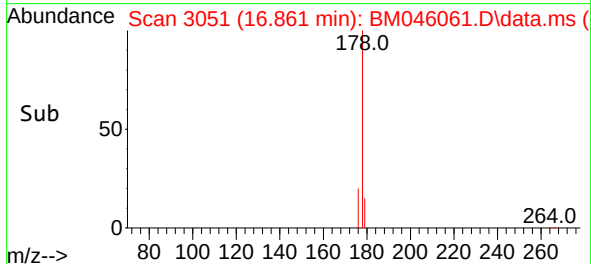
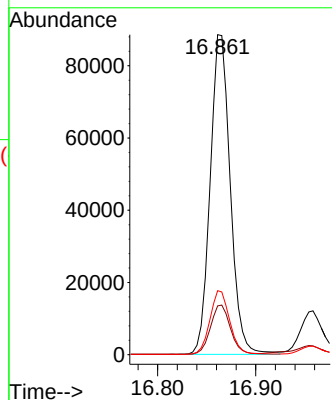
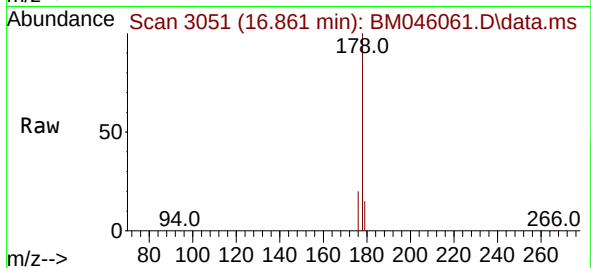
#15
Phenanthrene
Concen: 3.416 ng/ul m
RT: 16.861 min Scan# 3063
Delta R.T. -0.042 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Instrument :
BNA_M
ClientSampleId :
A4BK2

Tgt Ion:178 Resp: 12636
Ion Ratio Lower Upper
178 100
179 15.3 14.2 21.2
176 20.0 17.1 25.7

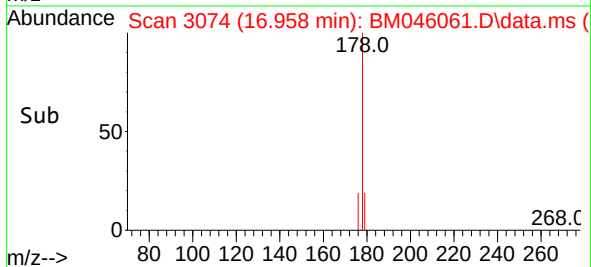
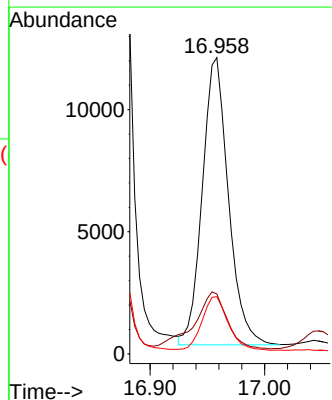
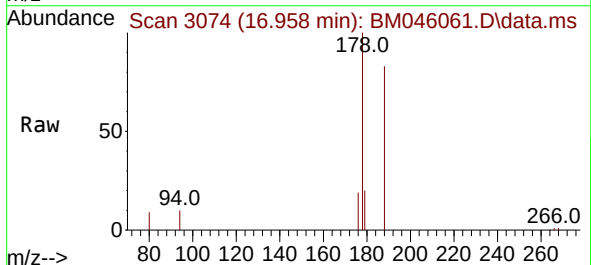
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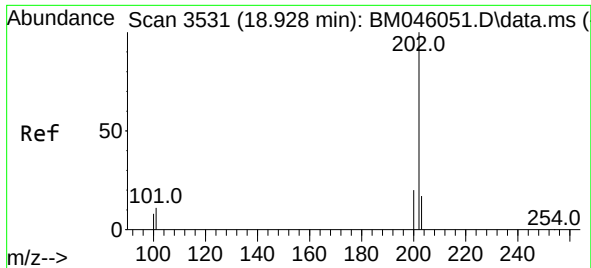
Reviewed By :Jagrut Upadhyay 06/19/2024
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#16
Anthracene
Concen: 0.677 ng/ul m
RT: 16.958 min Scan# 3074
Delta R.T. -0.047 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

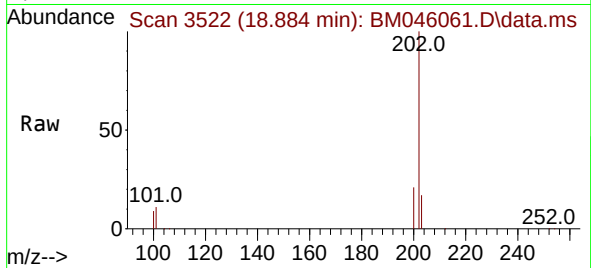
Tgt Ion:178 Resp: 18648
Ion Ratio Lower Upper
178 100
179 20.2 14.9 22.3
176 19.4 17.0 25.4





#19
Fluoranthene
Concen: 6.566 ng/u1
RT: 18.884 min Scan# 3522
Delta R.T. -0.033 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

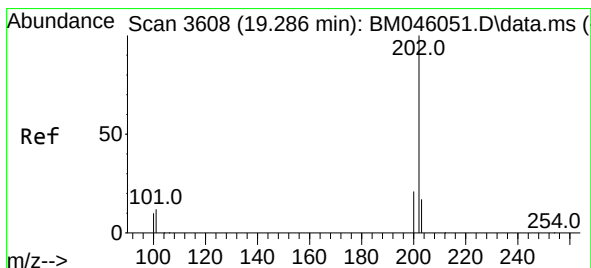
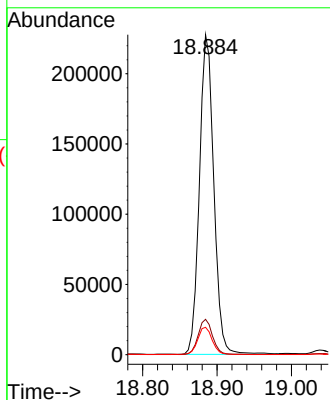
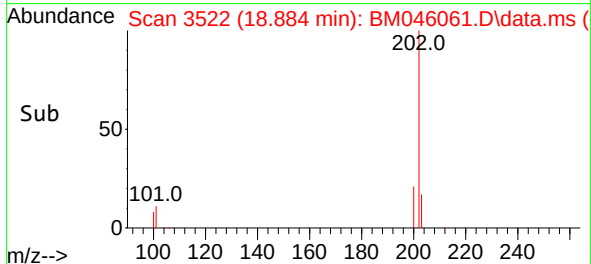
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:202 Resp: 30570
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.5 7.6 11.4

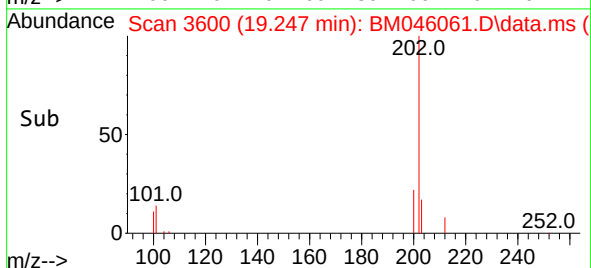
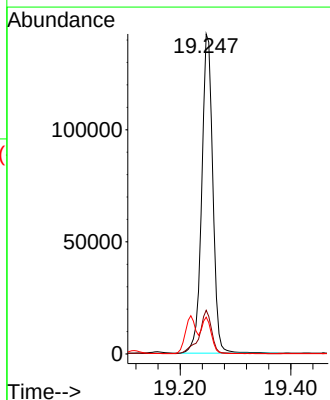
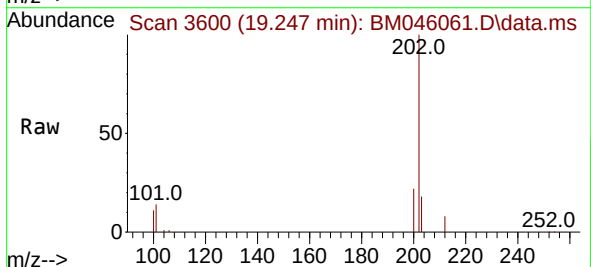
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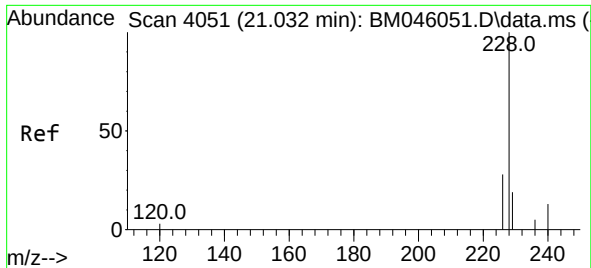
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 3.943 ng/u1
RT: 19.247 min Scan# 3600
Delta R.T. -0.028 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

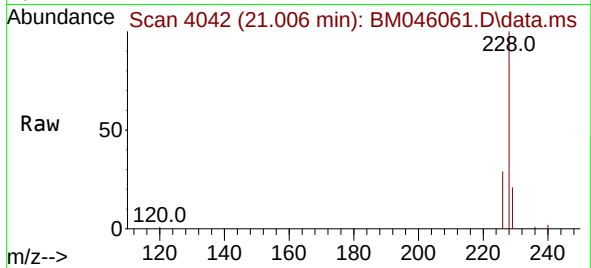
Tgt Ion:202 Resp: 198547
Ion Ratio Lower Upper
202 100
101 13.7 11.3 16.9
100 11.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.400 ng/ul
RT: 21.006 min Scan# 4051
Delta R.T. -0.023 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

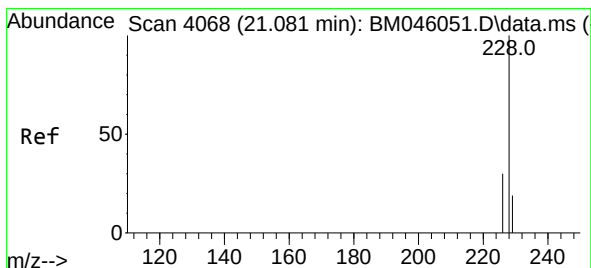
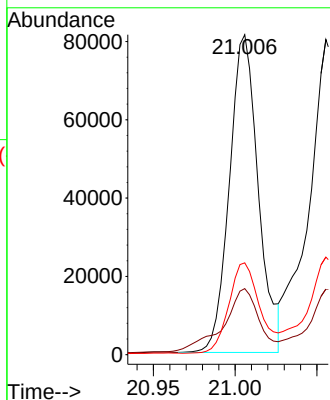
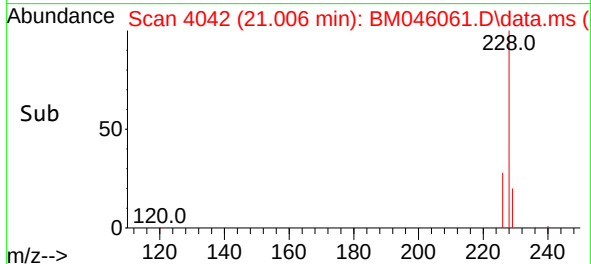
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:228 Resp: 99698
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 28.7 23.4 35.2

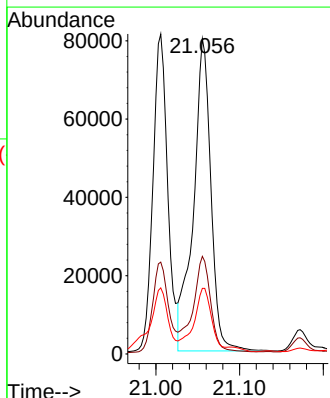
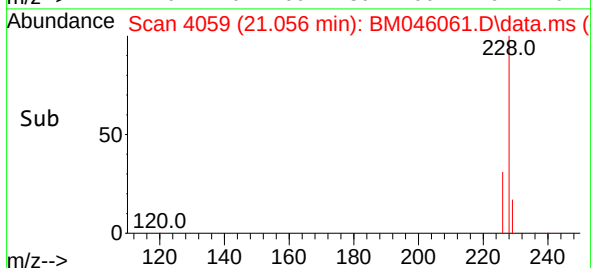
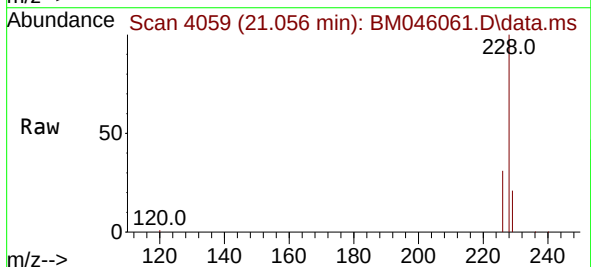
Manual Integrations
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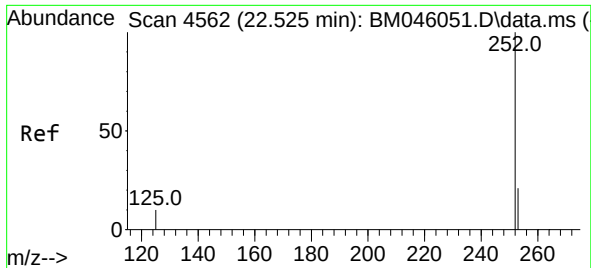
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.181 ng/ul
RT: 21.056 min Scan# 4059
Delta R.T. -0.021 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

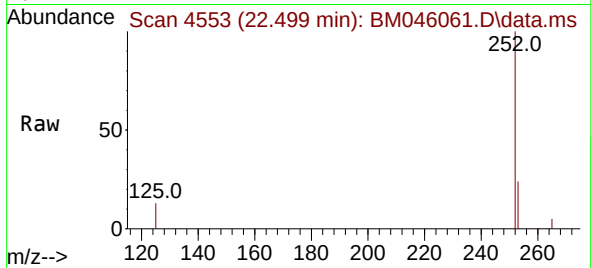
Tgt Ion:228 Resp: 115616
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 20.8 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 3.708 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

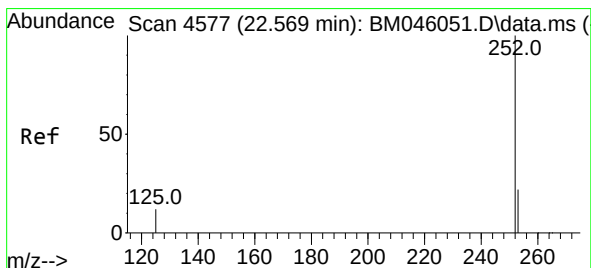
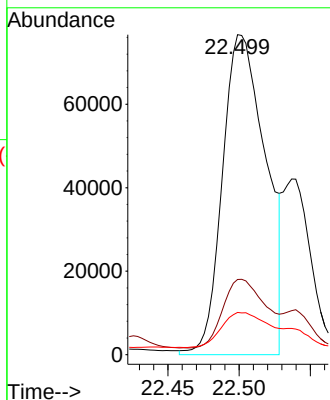
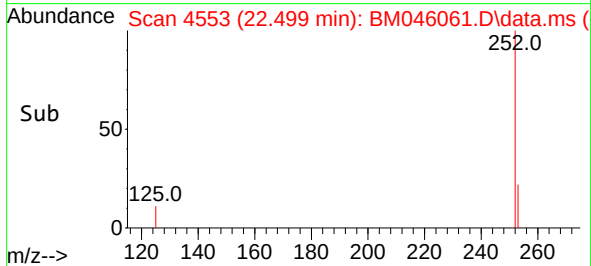
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:252 Resp: 162119
Ion Ratio Lower Upper
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253 23.5 0.0 65.8
125 13.2 0.0 40.2

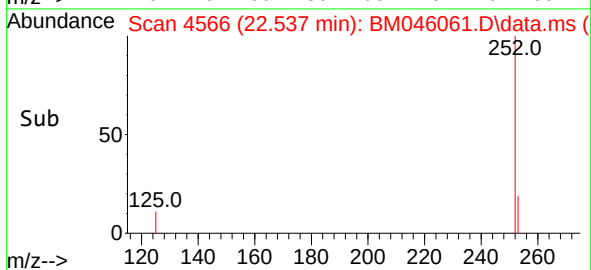
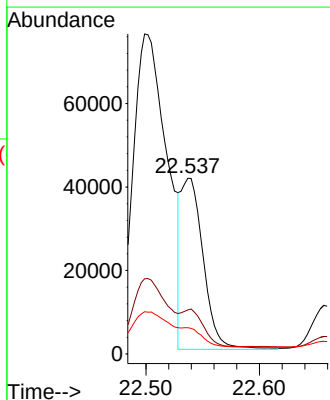
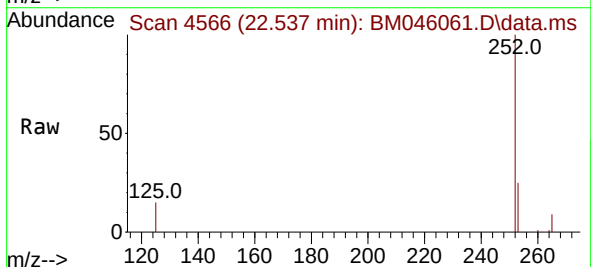
Manual Integrations
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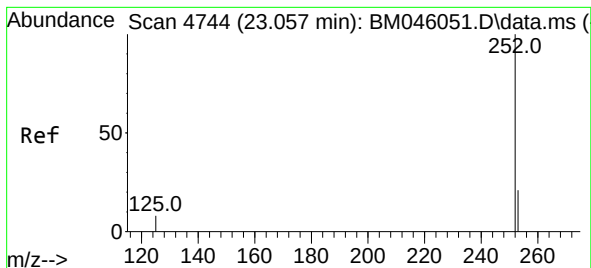
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.081 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.026 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Tgt Ion:252 Resp: 56183
Ion Ratio Lower Upper
252 100
253 25.1 27.2 40.8#
125 14.9 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.351 ng/ul

RT: 23.028 min Scan# 41

Delta R.T. -0.026 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

Instrument :

BNM_M

ClientSampleId :

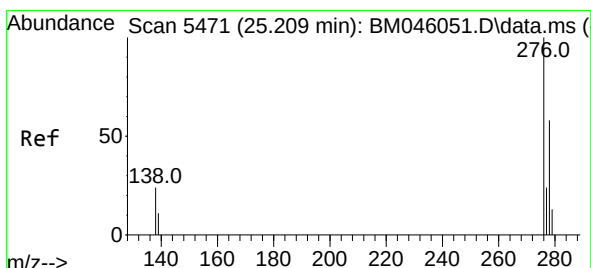
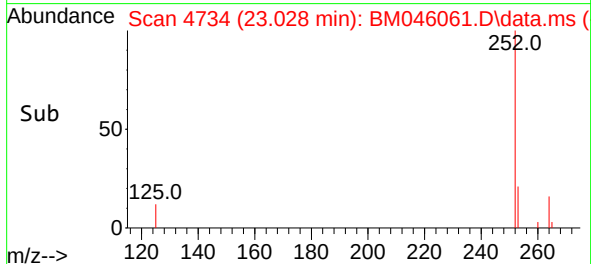
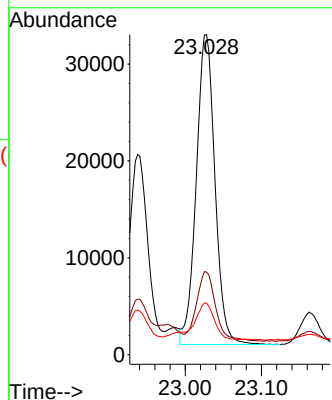
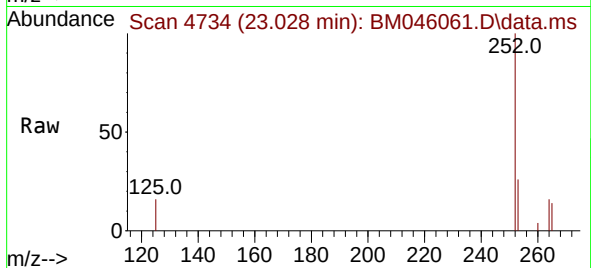
A4BK2

Tgt Ion:252	Resp:	5473
Ion Ratio	Lower	Upper
252	100	
253	25.8	32.1 48.1
125	16.1	21.2 31.8

Manual Integrations

APPROVED

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.853 ng/ul

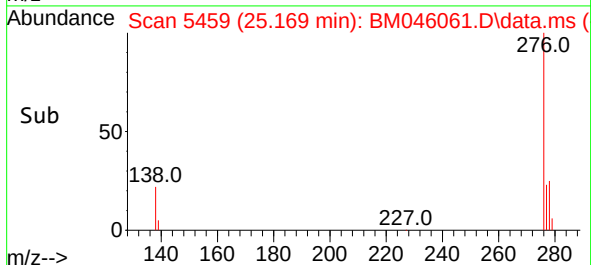
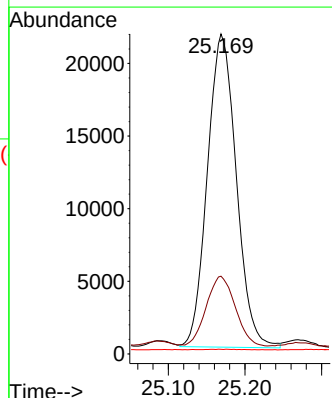
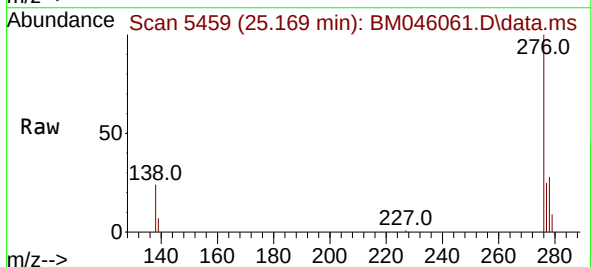
RT: 25.169 min Scan# 5459

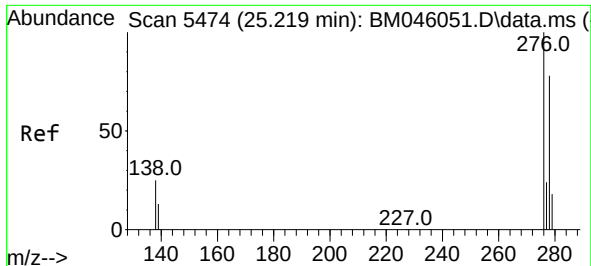
Delta R.T. -0.034 min

Lab File: BM046061.D

Acq: 18 Jun 2024 21:15

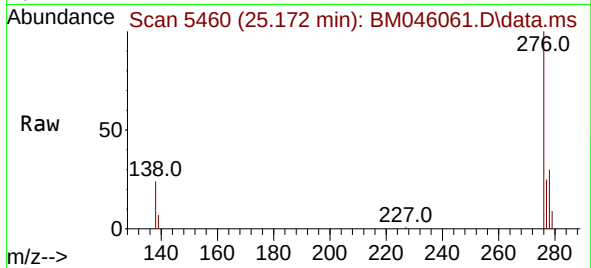
Tgt Ion:276	Resp:	56569
Ion Ratio	Lower	Upper
276	100	
138	22.3	21.0 31.4
227	0.3	0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.172 min Scan# 5474
Delta R.T. -0.044 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

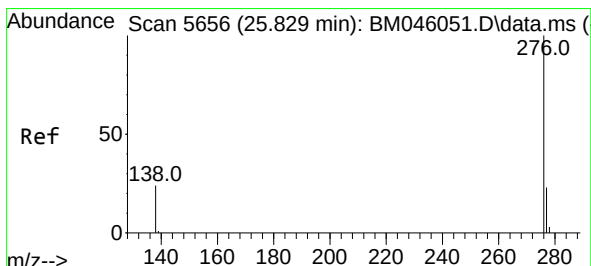
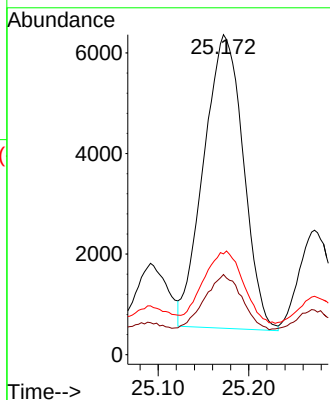
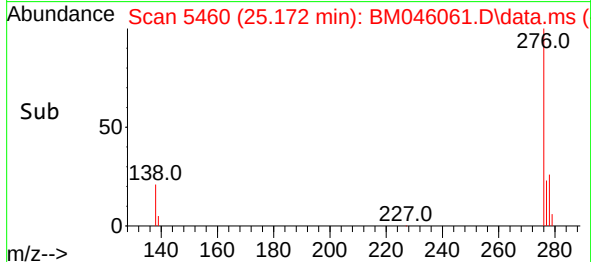
Instrument :
BNA_M
ClientSampleId :
A4BK2



Tgt Ion:278 Resp: 17750
Ion Ratio Lower Upper
278 100
139 25.0 17.6 26.4
279 31.5 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.153 ng/ul
RT: 25.799 min Scan# 5647
Delta R.T. -0.030 min
Lab File: BM046061.D
Acq: 18 Jun 2024 21:15

Tgt Ion:276 Resp: 8674
Ion Ratio Lower Upper
276 100
138 34.6 21.7 32.5#
277 33.1 20.4 30.6#

