

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046057.D
 Acq On : 18 Jun 2024 18:48
 Operator : MA/JU
 Sample : P2695-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ7

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 08:23:28 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	4572	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.205	136	12804	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.086	164	6590	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	13877m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	12107m	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	15586m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	17485	2.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	3528	0.205	ng/ul	-0.04
18) Fluoranthene-d10	18.858	212	8502	0.234	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.255	128	3074	0.086	ng/ul	98
7) 2-Methylnaphthalene	11.904	142	947	0.047	ng/ul	92
8) 1-Methylnaphthalene	12.119	142	776	0.035	ng/ul	99
10) Acenaphthylene	13.799	152	7581	0.243	ng/ul	98
11) Acenaphthene	14.146	153	3559	0.158	ng/ul	99
12) Fluorene	15.136	166	4233	0.175	ng/ul	99
15) Phenanthrene	16.867	178	116472m	2.987	ng/ul	
16) Anthracene	16.960	178	19845m	0.683	ng/ul	
19) Fluoranthene	18.886	202	334550	6.382	ng/ul	97
20) Pyrene	19.248	202	228704	4.034	ng/ul	97
21) Benzo(a)anthracene	21.006	228	150239	3.213	ng/ul	99
22) Chrysene	21.058	228	178944	2.998	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	287328m	5.117	ng/ul	
25) Benzo(k)fluoranthene	22.540	252	89463m	1.340	ng/ul	
26) Benzo(a)pyrene	23.028	252	96363	1.852	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.168	276	107957	1.268	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.172	278	33310	0.525	ng/ul	96
29) Benzo(g,h,i)perylene	25.796	276	16433	0.225	ng/ul	93

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

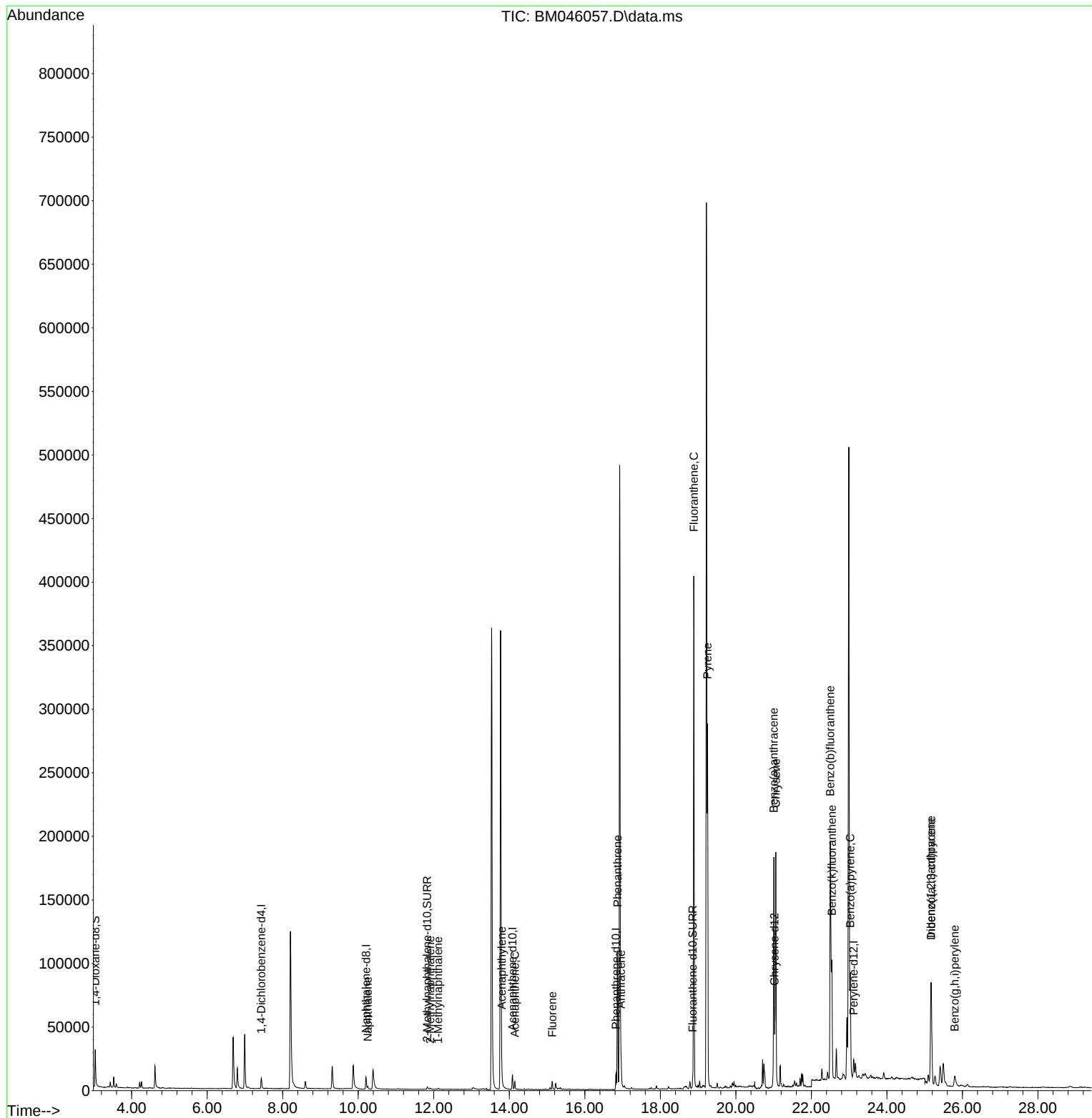
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046057.D
Acq On : 18 Jun 2024 18:48
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ALS Vial : 10 Sample Multiplier: 1

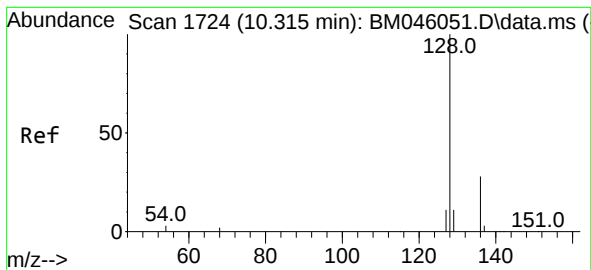
Instrument :
BNA_M
ClientSampleId :
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Supervised By :mohammad ahmed 06/21/2024

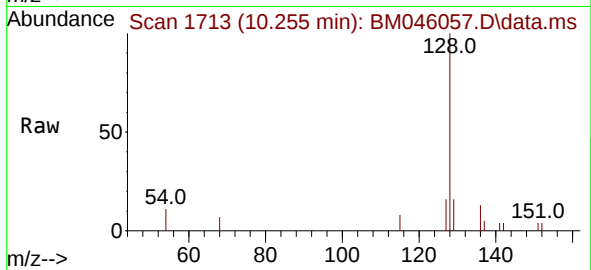
Quant Time: Jun 19 08:23:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.255 min Scan# 1713
Delta R.T. -0.048 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

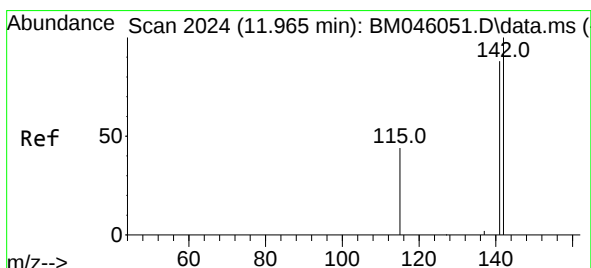
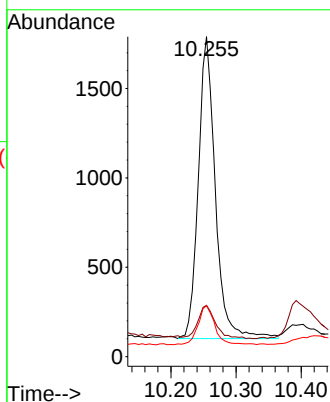
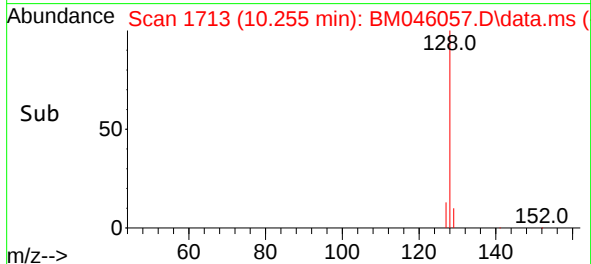
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:128 Resp: 3074
Ion Ratio Lower Upper
128 100
129 16.0 11.8 17.6
127 15.9 12.8 19.2

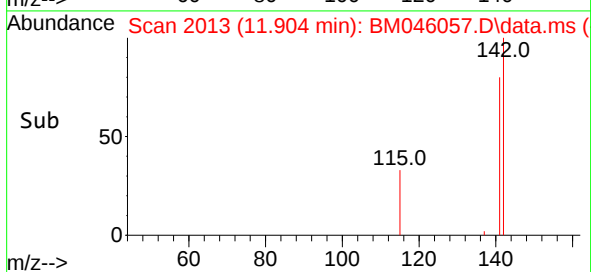
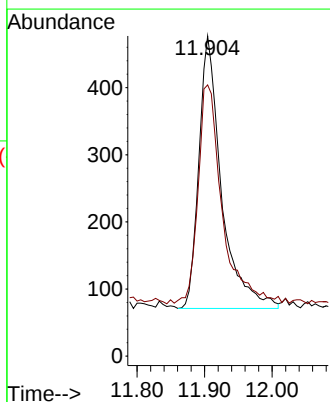
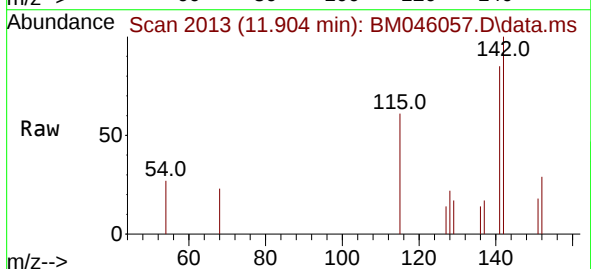
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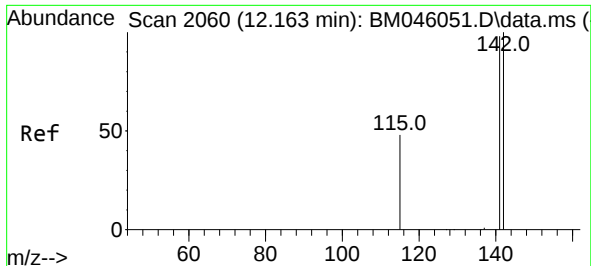
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. -0.043 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

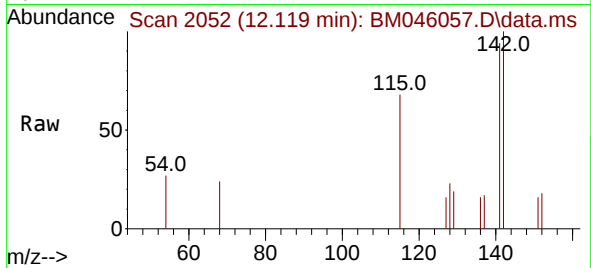
Tgt Ion:142 Resp: 947
Ion Ratio Lower Upper
142 100
141 86.0 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.119 min Scan# 2060
Delta R.T. -0.032 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

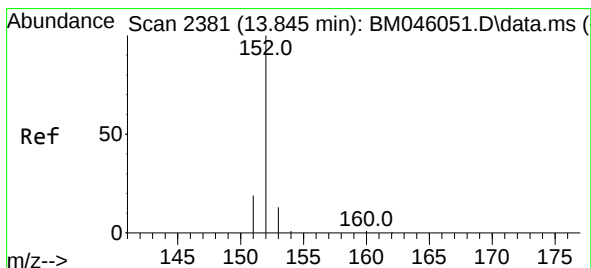
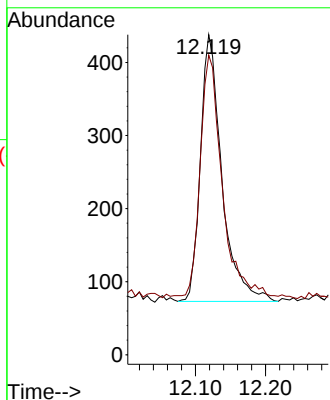
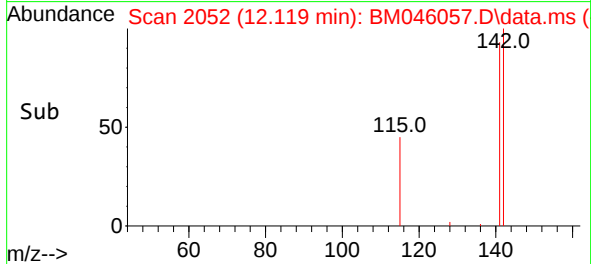
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 770
Ion Ratio Lower Upper
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141 95.0 75.2 112.8

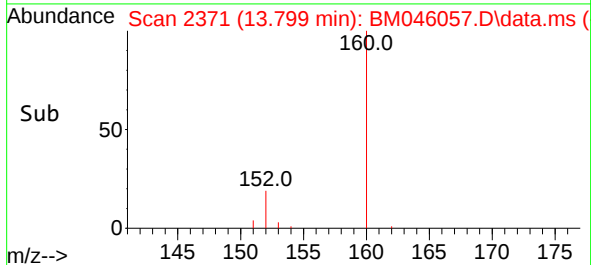
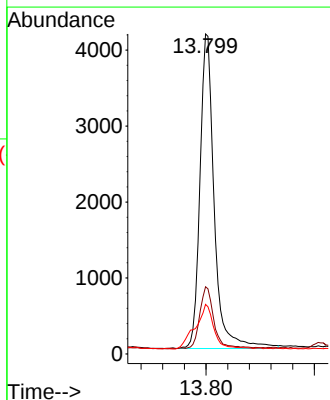
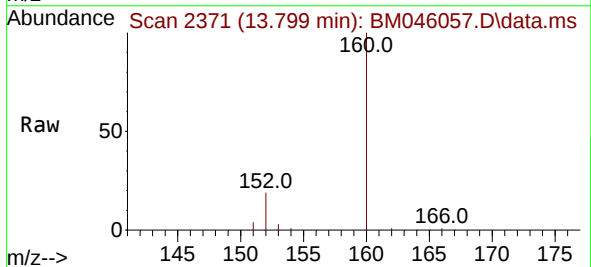
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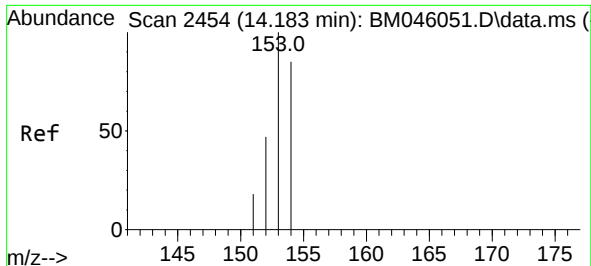
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 13.799 min Scan# 2371
Delta R.T. -0.036 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

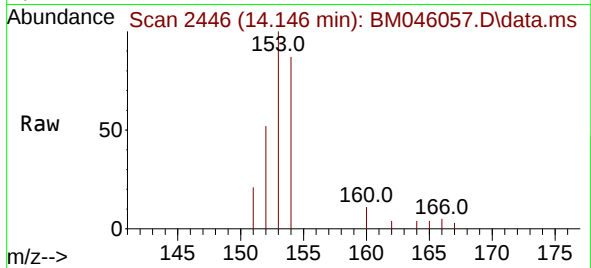
Tgt Ion:152 Resp: 7581
Ion Ratio Lower Upper
152 100
151 21.0 17.4 26.2
153 15.5 11.8 17.8





#11
Acenaphthene
Concen: 0.158 ng/ul
RT: 14.146 min Scan# 2454
Delta R.T. -0.026 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

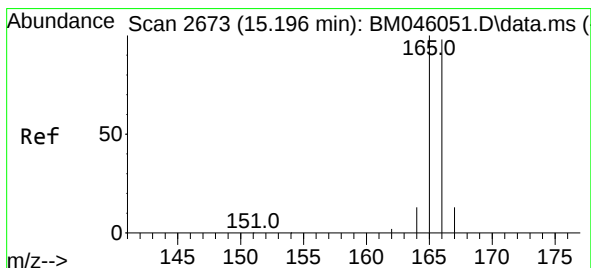
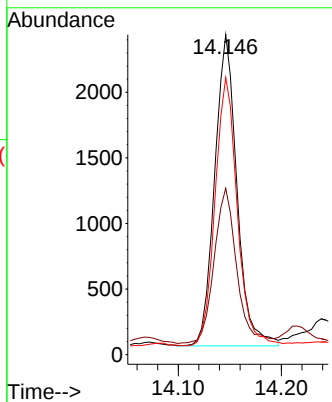
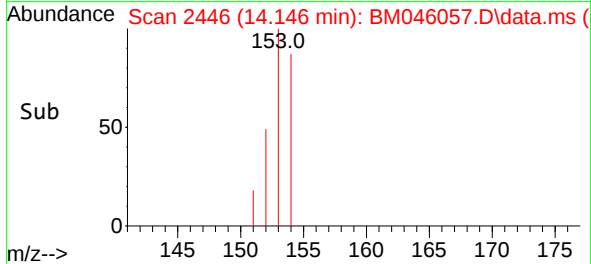
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:153 Resp: 3559
Ion Ratio Lower Upper
153 100
152 52.0 41.3 61.9
154 86.6 68.2 102.4

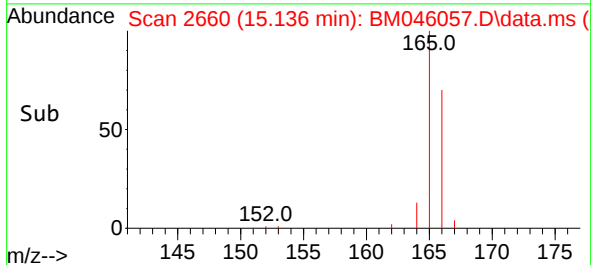
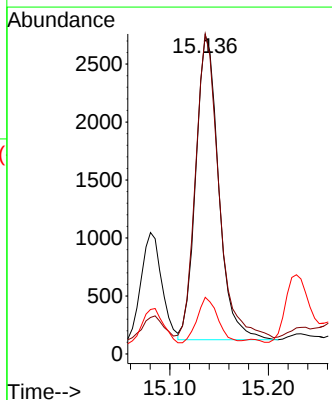
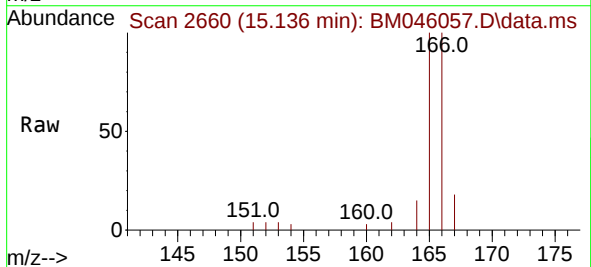
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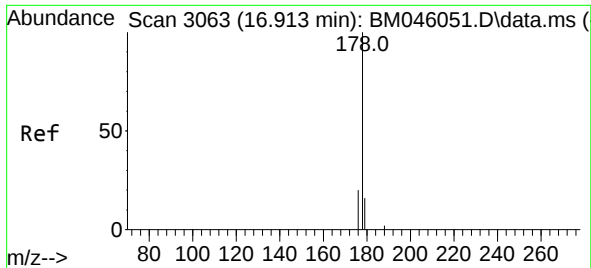
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.175 ng/ul
RT: 15.136 min Scan# 2660
Delta R.T. -0.045 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

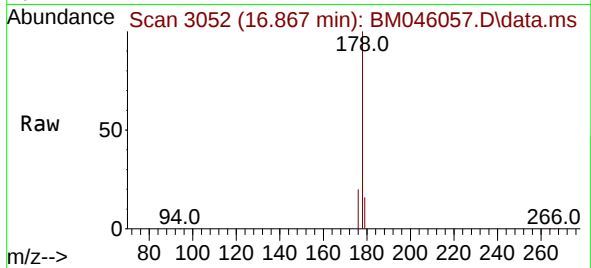
Tgt Ion:166 Resp: 4233
Ion Ratio Lower Upper
166 100
165 100.3 80.4 120.6
167 17.8 12.4 18.6





#15
Phenanthrene
Concen: 2.987 ng/ul m
RT: 16.867 min Scan# 3052
Delta R.T. -0.037 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

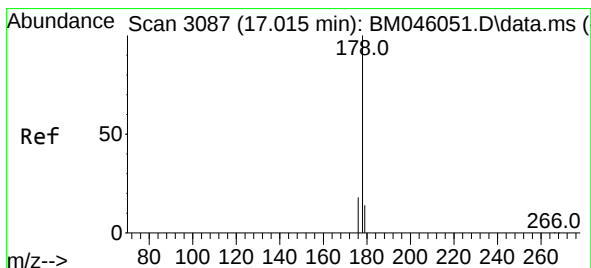
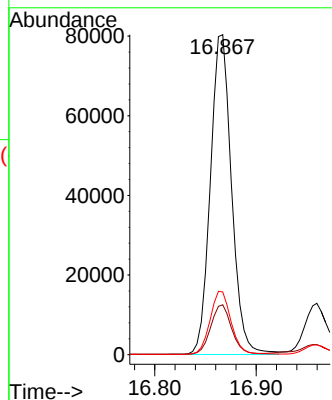
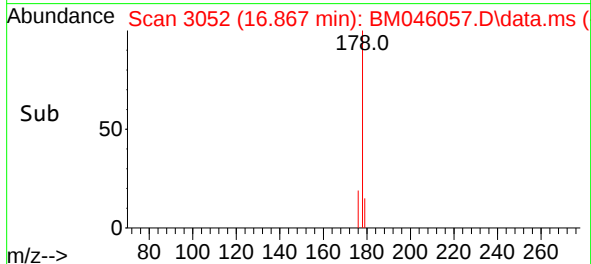
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ClientSampleId :
A4BJ7



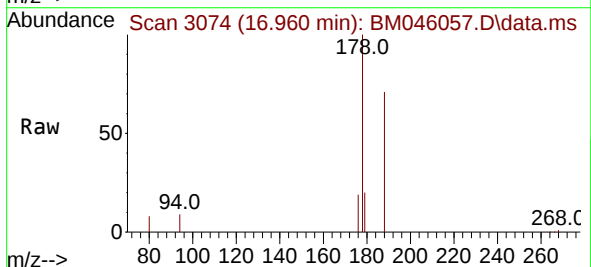
Tgt Ion:178 Resp: 116472
Ion Ratio Lower Upper
178 100
179 15.6 14.2 21.2
176 19.6 17.1 25.7

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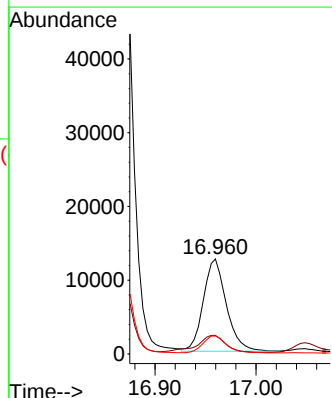
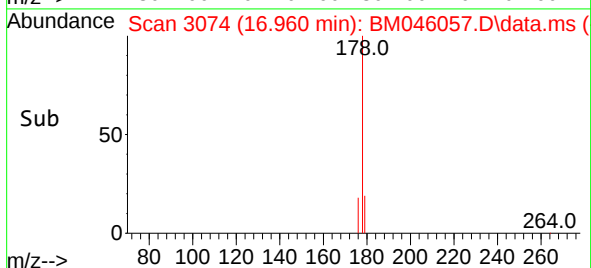
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

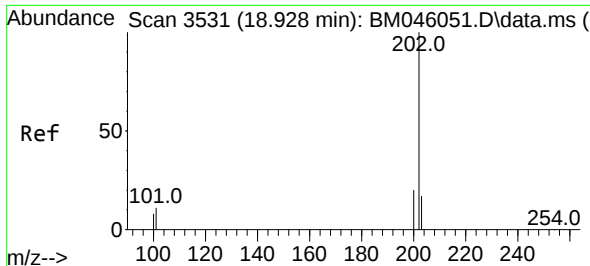


#16
Anthracene
Concen: 0.683 ng/ul m
RT: 16.960 min Scan# 3074
Delta R.T. -0.045 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48



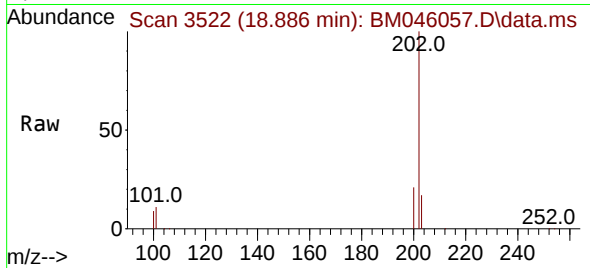
Tgt Ion:178 Resp: 19845
Ion Ratio Lower Upper
178 100
179 19.6 14.9 22.3
176 18.9 17.0 25.4





#19
Fluoranthene
Concen: 6.382 ng/u1
RT: 18.886 min Scan# 3531
Delta R.T. -0.031 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

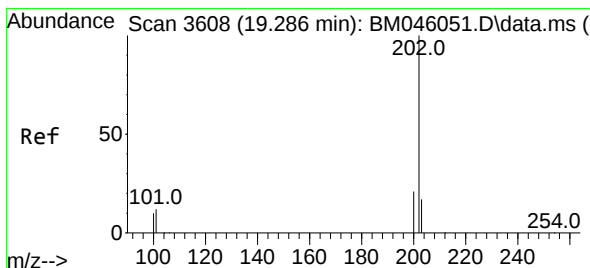
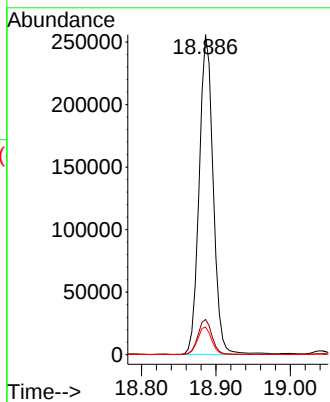
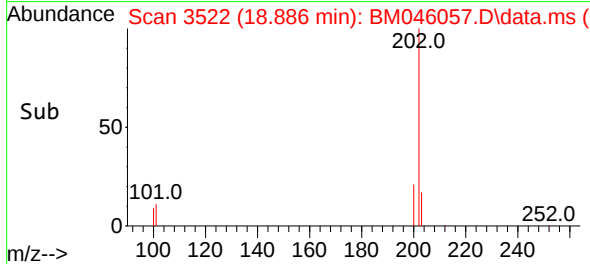
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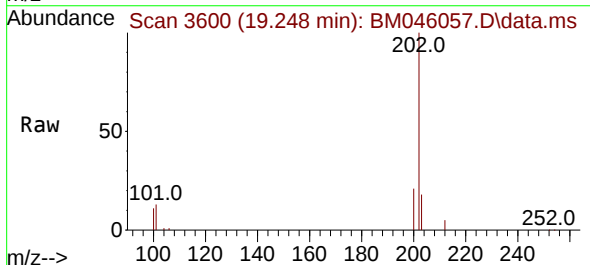
Tgt Ion:202 Resp: 334550
Ion Ratio Lower Upper
202 100
101 11.0 9.6 14.4
100 8.6 7.6 11.4

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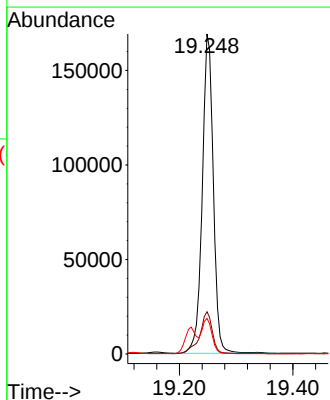
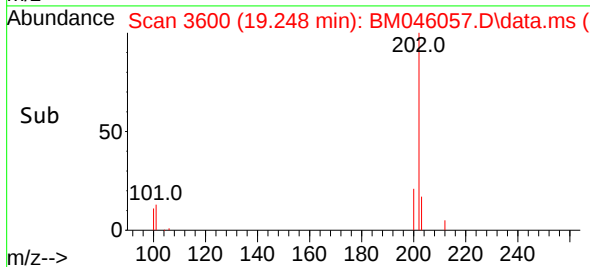
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

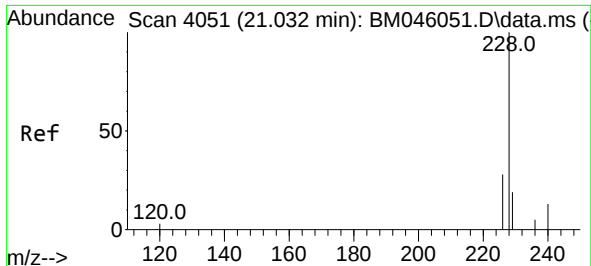


#20
Pyrene
Concen: 4.034 ng/u1
RT: 19.248 min Scan# 3600
Delta R.T. -0.027 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48



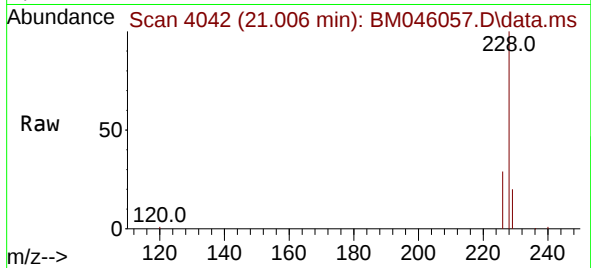
Tgt Ion:202 Resp: 228704
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.213 ng/ul
RT: 21.006 min Scan# 4051
Delta R.T. -0.024 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

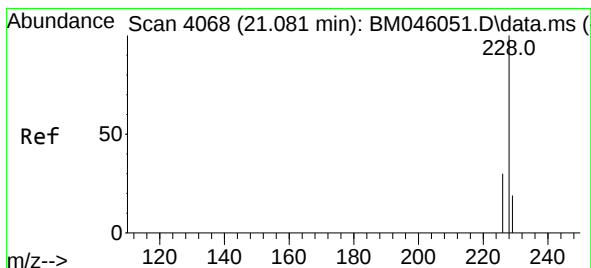
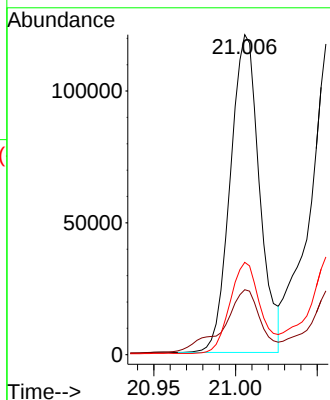
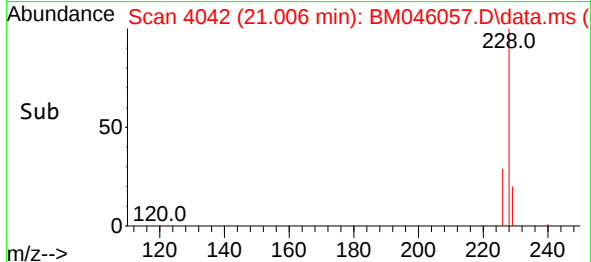
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:228 Resp: 150239
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.9 23.4 35.2

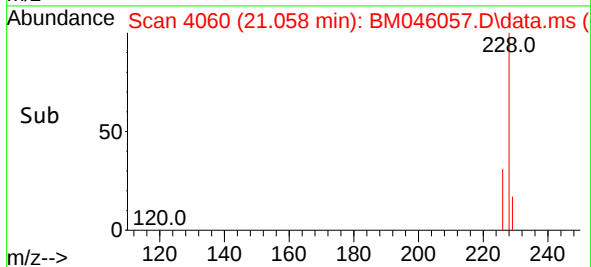
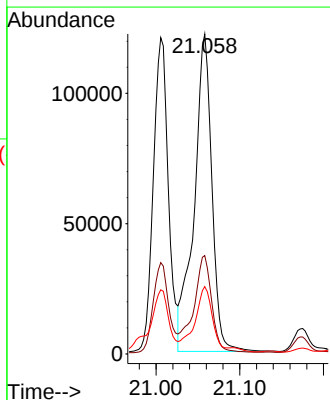
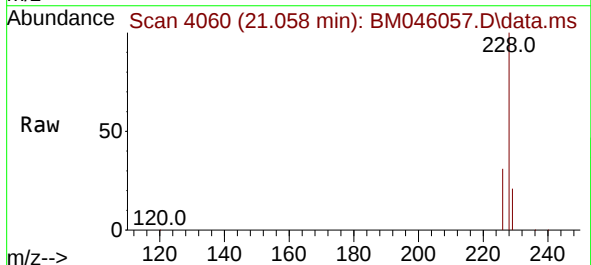
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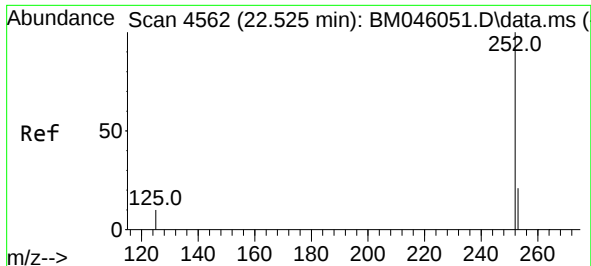
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 2.998 ng/ul
RT: 21.058 min Scan# 4060
Delta R.T. -0.018 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

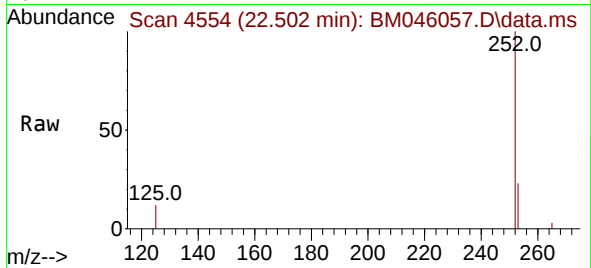
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Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.1 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 5.117 ng/ul m
RT: 22.502 min Scan# 4554
Delta R.T. -0.018 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

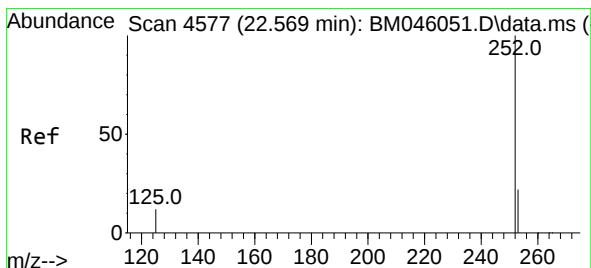
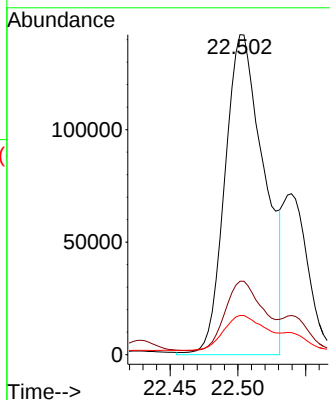
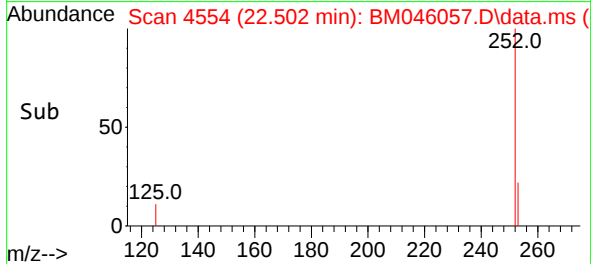
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:252 Resp: 287328
Ion Ratio Lower Upper
252 100
253 23.0 0.0 65.8
125 12.2 0.0 40.2

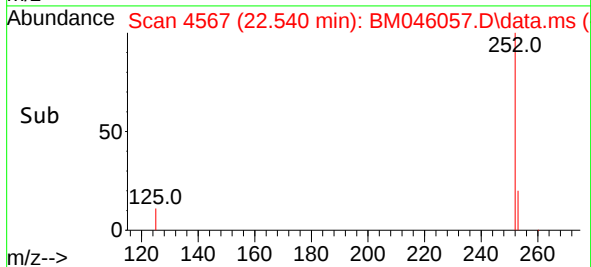
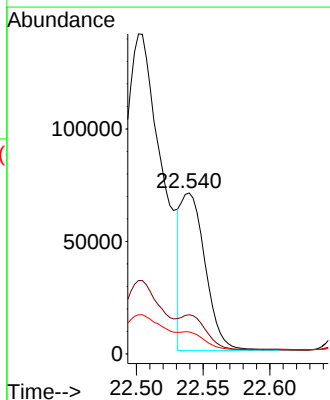
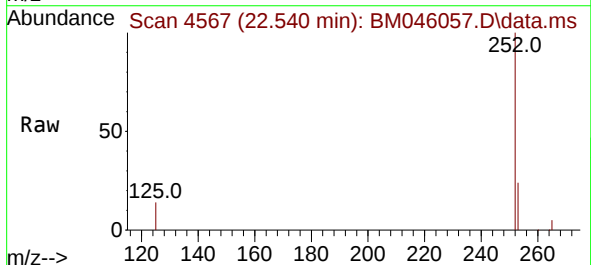
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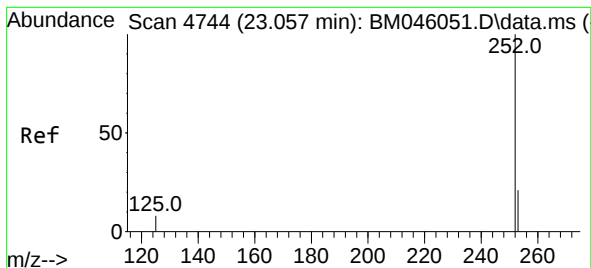
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 1.340 ng/ul m
RT: 22.540 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

Tgt Ion:252 Resp: 89463
Ion Ratio Lower Upper
252 100
253 24.3 27.2 40.8#
125 13.8 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.852 ng/ul

RT: 23.028 min Scan# 41

Delta R.T. -0.027 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

Instrument :

BNM_M

ClientSampleId :

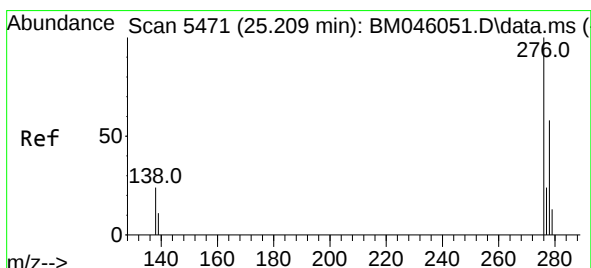
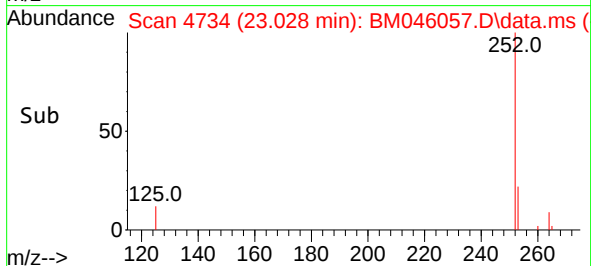
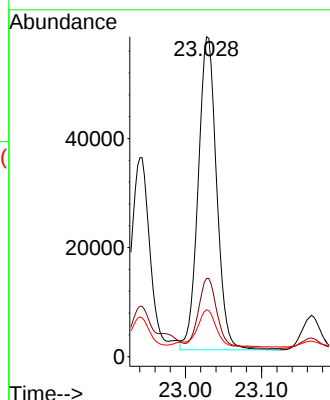
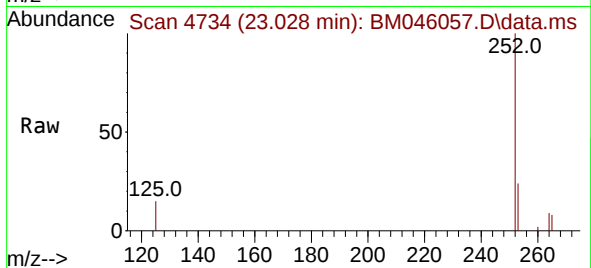
A4BJ7

Tgt Ion:	252	Resp:	9636
Ion Ratio	Lower	Upper	
252	100		
253	24.5	32.1	48.1
125	14.6	21.2	31.8

Manual Integrations

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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: 1.268 ng/ul

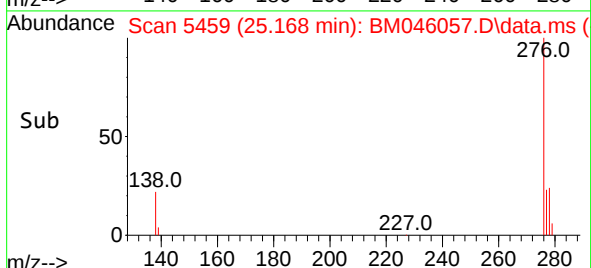
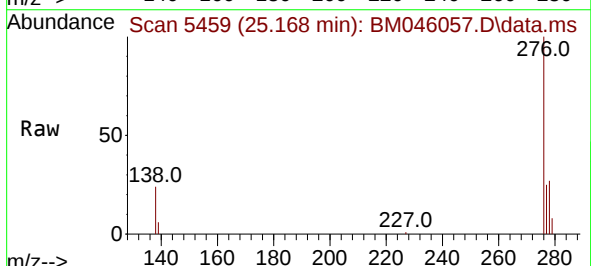
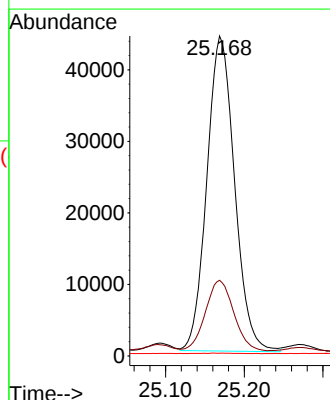
RT: 25.168 min Scan# 5459

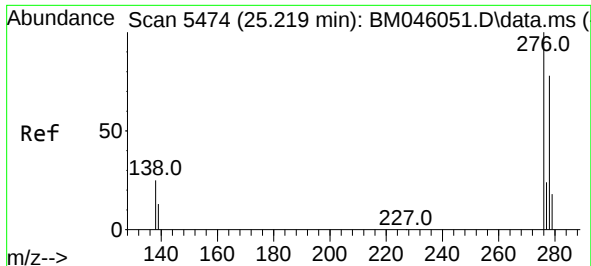
Delta R.T. -0.034 min

Lab File: BM046057.D

Acq: 18 Jun 2024 18:48

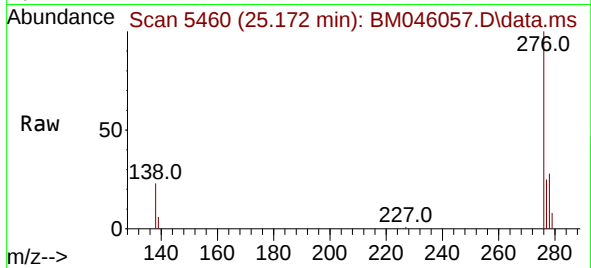
Tgt Ion:	276	Resp:	107957
Ion Ratio	Lower	Upper	
276	100		
138	22.7	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.525 ng/ul
RT: 25.172 min Scan# 5474
Delta R.T. -0.044 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

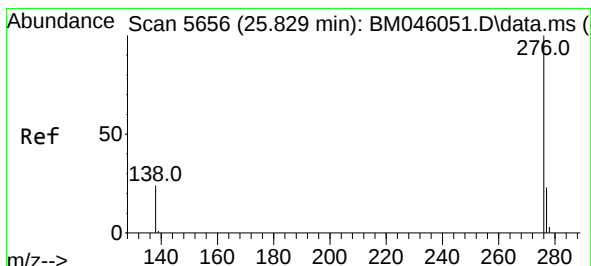
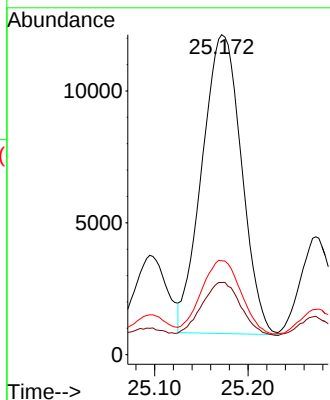
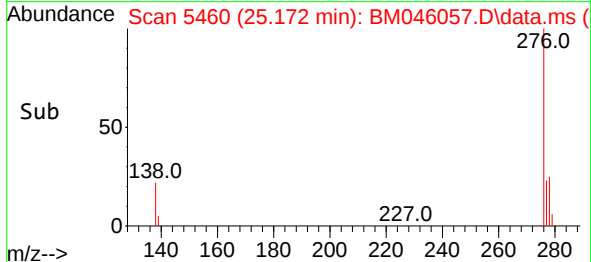
Instrument :
BNA_M
ClientSampleId :
A4BJ7



Tgt Ion:278 Resp: 33310
Ion Ratio Lower Upper
278 100
139 22.6 17.6 26.4
279 29.3 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: 0.225 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046057.D
Acq: 18 Jun 2024 18:48

Tgt Ion:276 Resp: 16433
Ion Ratio Lower Upper
276 100
138 30.8 21.7 32.5
277 28.9 20.4 30.6

