

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046055.D
 Acq On : 18 Jun 2024 17:35
 Operator : MA/JU
 Sample : P2695-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ4

Manual Integrations
 APPROVED

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

Quant Time: Jun 18 18:56:43 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	2971	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.211	136	8113	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.086	164	4341	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.829	188	9243m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.023	240	8278m	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	9971m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	13914	3.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.833	152	2698	0.248	ng/ul	-0.03
18) Fluoranthene-d10	18.858	212	6699	0.270	ng/ul	-0.03
Target Compounds						
						Qvalue
5) Naphthalene	10.260	128	3925	0.173	ng/ul	98
7) 2-Methylnaphthalene	11.910	142	1204	0.095	ng/ul	95
8) 1-Methylnaphthalene	12.124	142	1035	0.074	ng/ul	96
10) Acenaphthylene	13.804	152	8580	0.417	ng/ul	98
11) Acenaphthene	14.146	153	3834	0.258	ng/ul	98
12) Fluorene	15.141	166	4455	0.279	ng/ul	97
14) Pentachlorophenol	16.529	266	111	0.040	ng/ul	88
15) Phenanthrene	16.867	178	94340m	3.633	ng/ul	
16) Anthracene	16.960	178	17865m	0.924	ng/ul	
19) Fluoranthene	18.886	202	204561	5.707	ng/ul	98
20) Pyrene	19.248	202	151370	3.905	ng/ul	98
21) Benzo(a)anthracene	21.006	228	100589	3.146	ng/ul	100
22) Chrysene	21.058	228	107431	2.633	ng/ul	99
24) Benzo(b)fluoranthene	22.501	252	166414m	4.632	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	56383m	1.320	ng/ul	
26) Benzo(a)pyrene	23.028	252	63548	1.909	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.172	276	66203	1.215	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.175	278	21022	0.518	ng/ul	97
29) Benzo(g,h,i)perylene	25.796	276	10351	0.222	ng/ul#	90

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

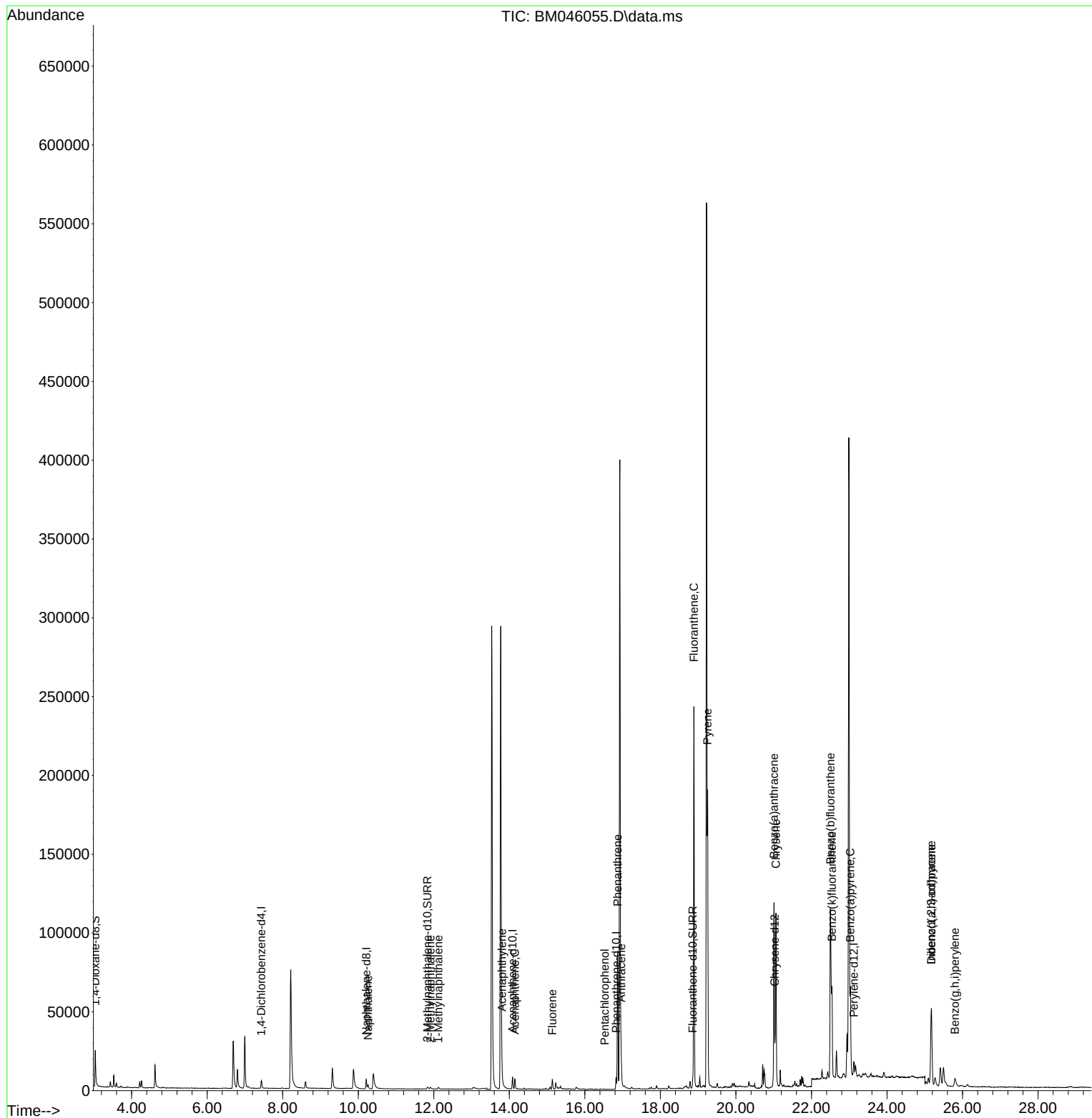
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046055.D
Acq On : 18 Jun 2024 17:35
Operator : MA/JU
Sample : P2695-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

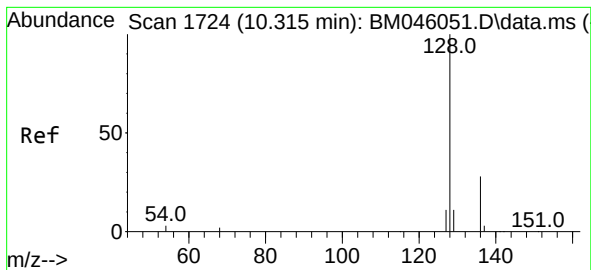
Instrument :
BNA_M
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A4BJ4

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Supervised By :mohammad ahmed 06/21/2024

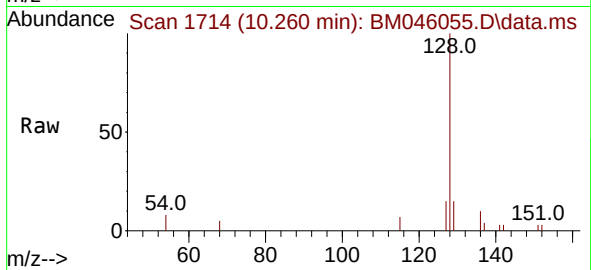
Quant Time: Jun 18 18:56:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.173 ng/ul
RT: 10.260 min Scan# 1714
Delta R.T. -0.043 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

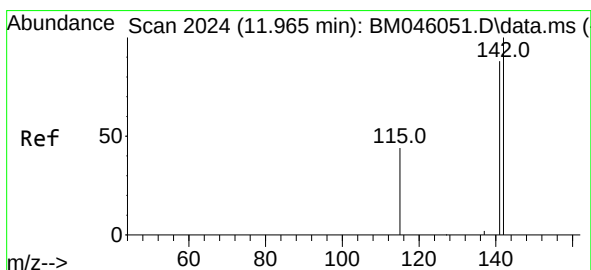
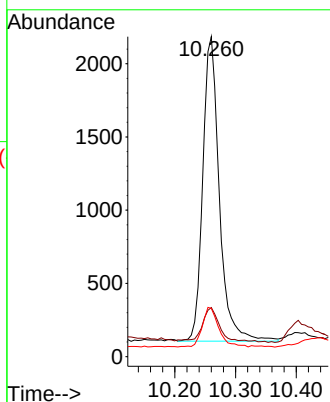
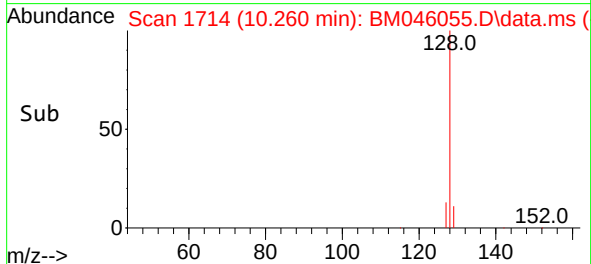
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:128 Resp: 392
Ion Ratio Lower Upper
128 100
129 15.3 11.8 17.6
127 15.1 12.8 19.2

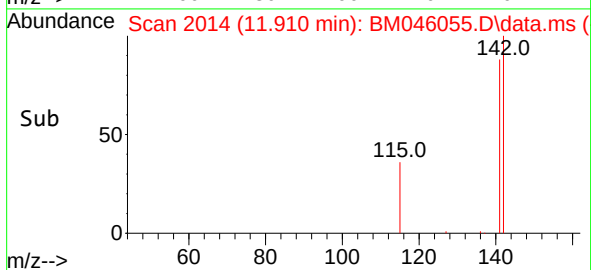
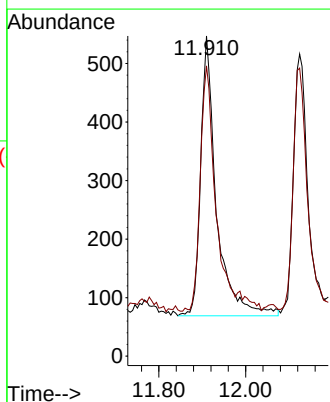
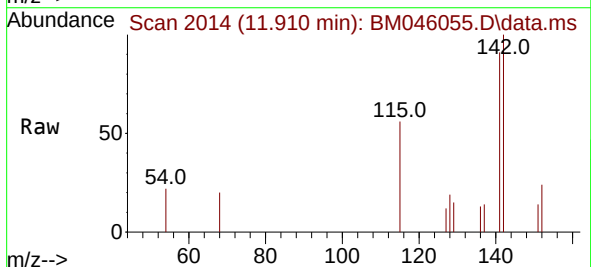
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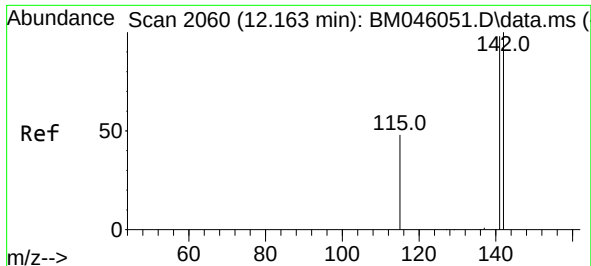
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 11.910 min Scan# 2014
Delta R.T. -0.037 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

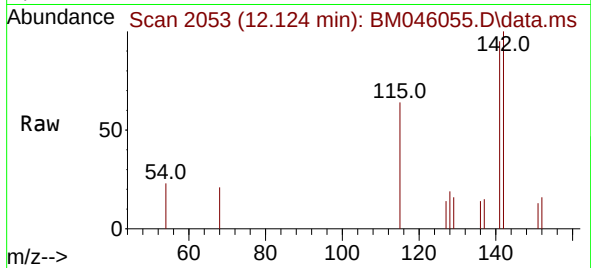
Tgt Ion:142 Resp: 1204
Ion Ratio Lower Upper
142 100
141 88.5 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.124 min Scan# 2060
Delta R.T. -0.026 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

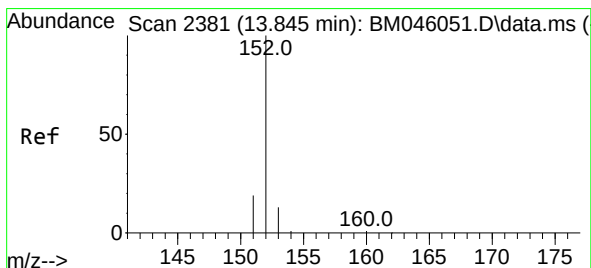
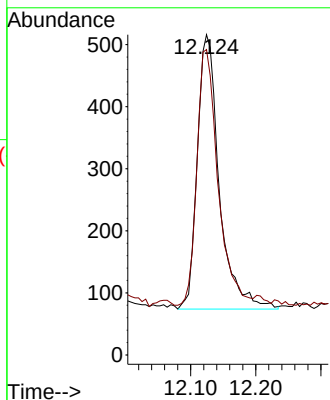
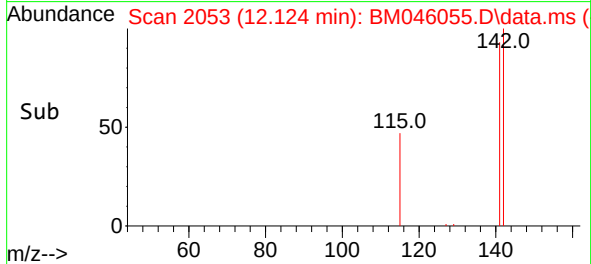
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:142 Resp: 1035
Ion Ratio Lower Upper
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141 89.8 75.2 112.8

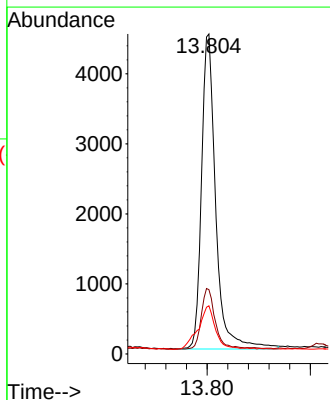
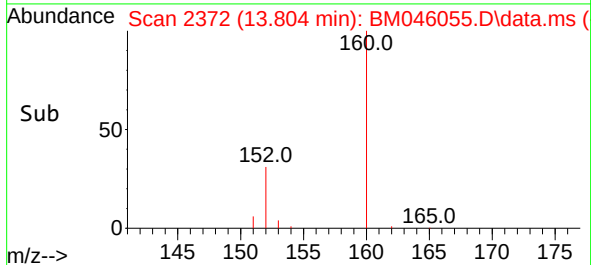
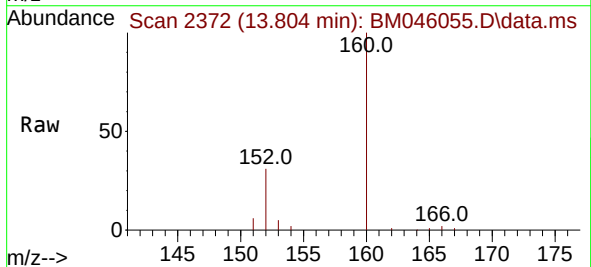
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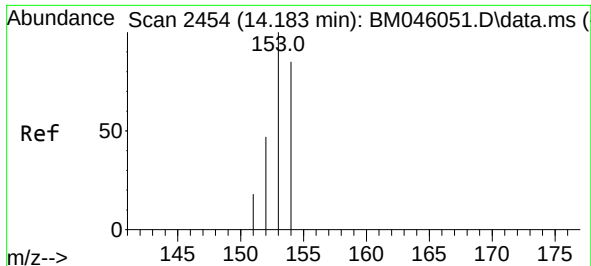
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#10
Acenaphthylene
Concen: 0.417 ng/ul
RT: 13.804 min Scan# 2372
Delta R.T. -0.031 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

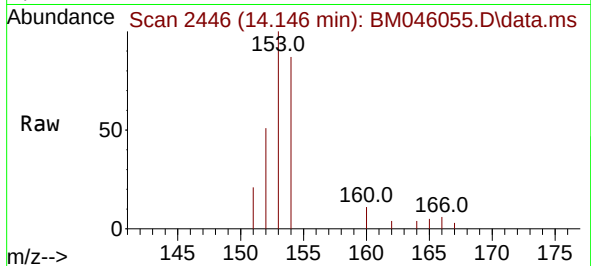
Tgt Ion:152 Resp: 8580
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 15.0 11.8 17.8





#11
Acenaphthene
Concen: 0.258 ng/u1
RT: 14.146 min Scan# 2446
Delta R.T. -0.026 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

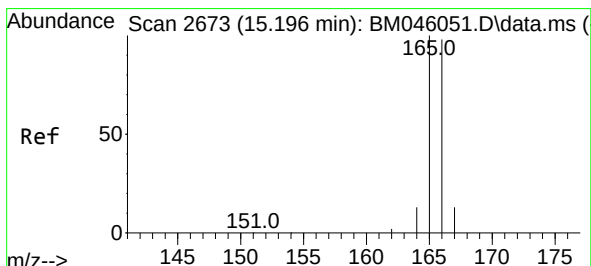
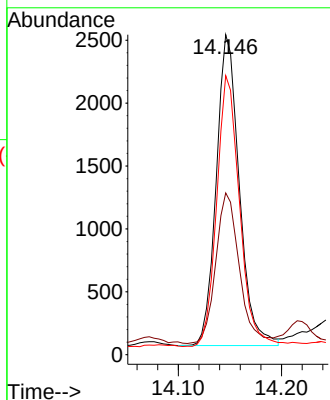
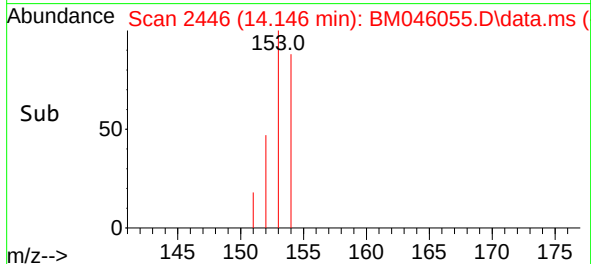
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:153 Resp: 3834
Ion Ratio Lower Upper
153 100
152 50.6 41.3 61.9
154 87.2 68.2 102.4

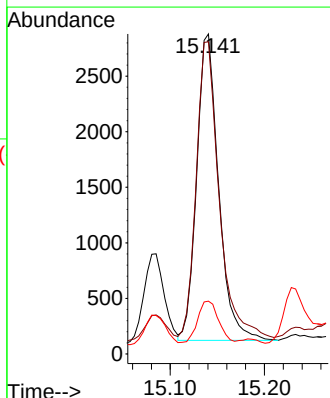
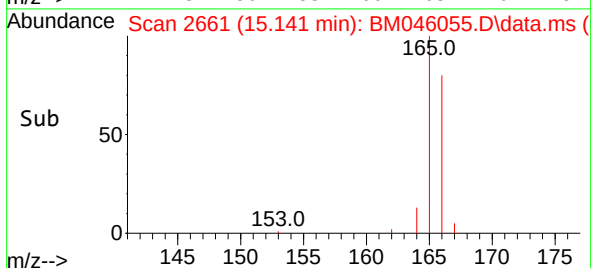
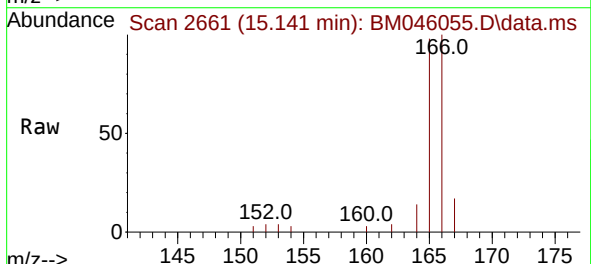
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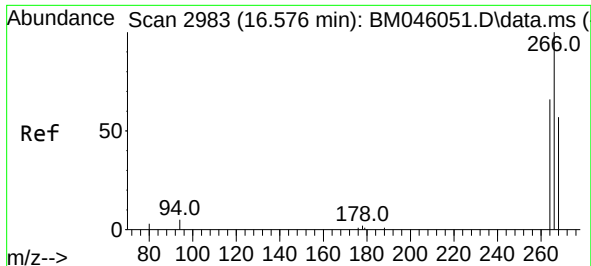
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.279 ng/u1
RT: 15.141 min Scan# 2661
Delta R.T. -0.040 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

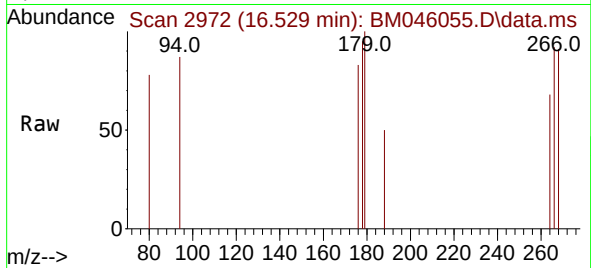
Tgt Ion:166 Resp: 4455
Ion Ratio Lower Upper
166 100
165 97.5 80.4 120.6
167 16.5 12.4 18.6





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.529 min Scan# 2983
Delta R.T. -0.037 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

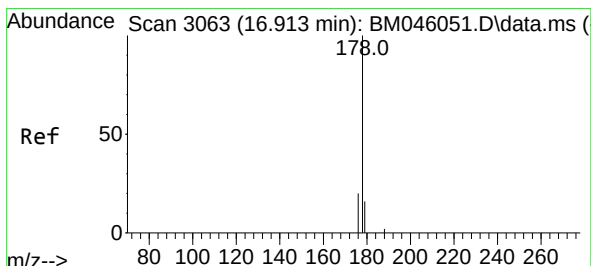
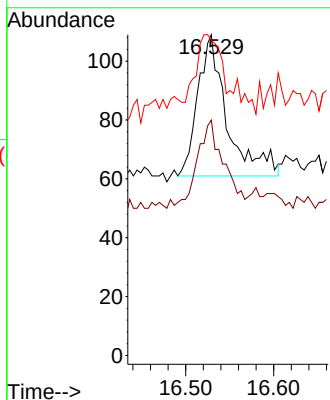
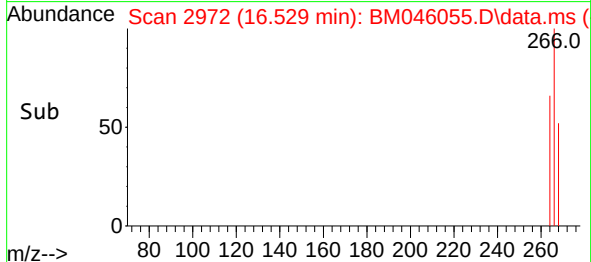
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:266 Resp: 111
Ion Ratio Lower Upper
266 100
264 52.3 50.9 76.3
268 58.6 52.3 78.5

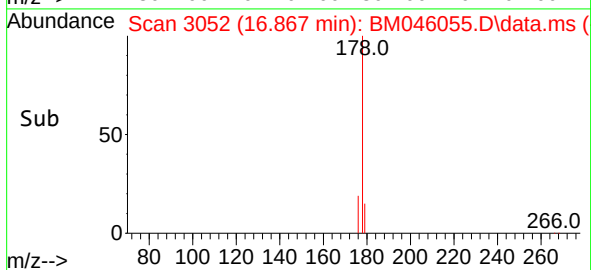
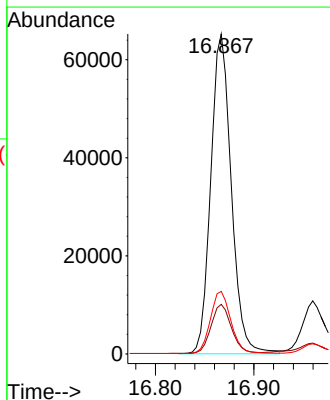
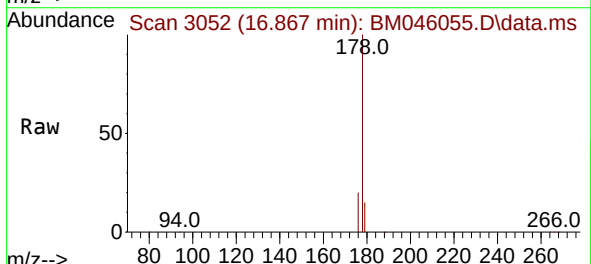
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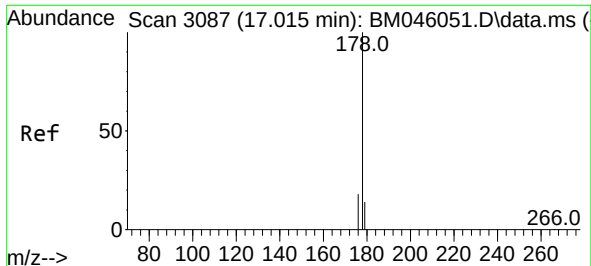
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 3.633 ng/ul m
RT: 16.867 min Scan# 3052
Delta R.T. -0.037 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

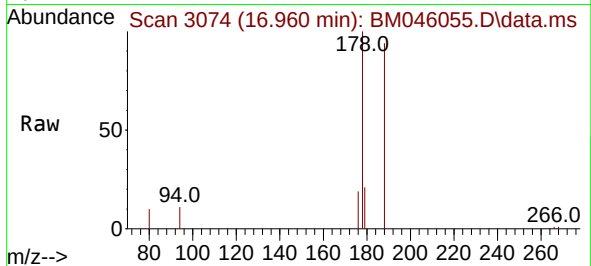
Tgt Ion:178 Resp: 94340
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.6 17.1 25.7





#16
 Anthracene
 Concen: 0.924 ng/ul m
 RT: 16.960 min Scan# 3087
 Delta R.T. -0.045 min
 Lab File: BM046055.D
 Acq: 18 Jun 2024 17:35

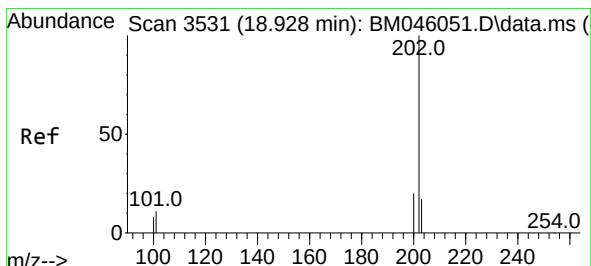
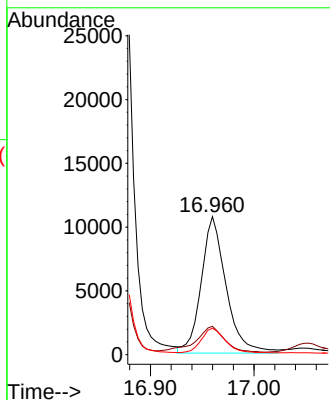
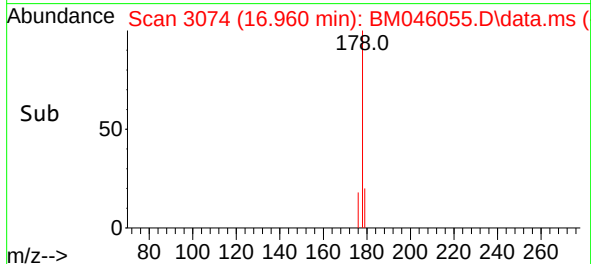
Instrument :
 BNA_M
 ClientSampleId :
 A4BJ4



Tgt Ion:178 Resp: 1786
 Ion Ratio Lower Upper
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 179 20.5 14.9 22.3
 176 19.1 17.0 25.4

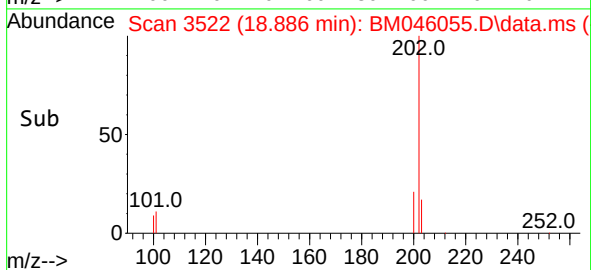
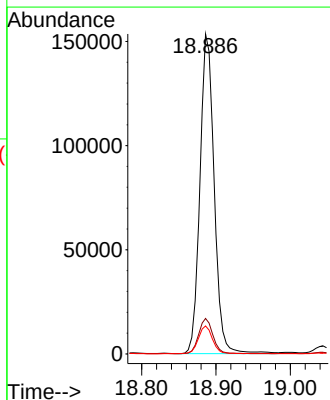
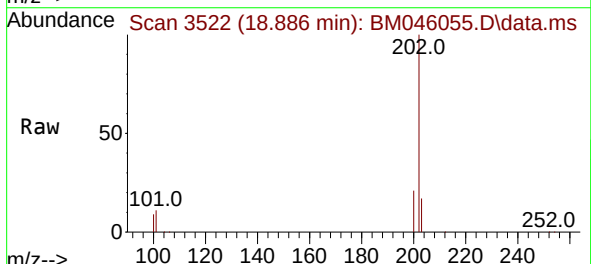
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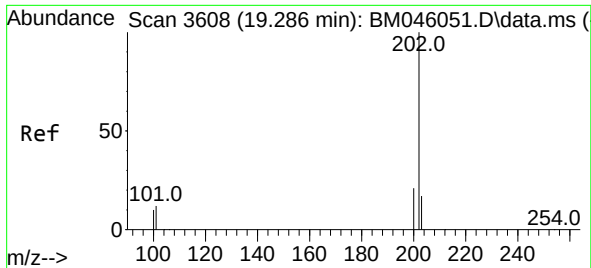
Reviewed By :Jagrut Upadhyay 06/19/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 5.707 ng/ul
 RT: 18.886 min Scan# 3522
 Delta R.T. -0.031 min
 Lab File: BM046055.D
 Acq: 18 Jun 2024 17:35

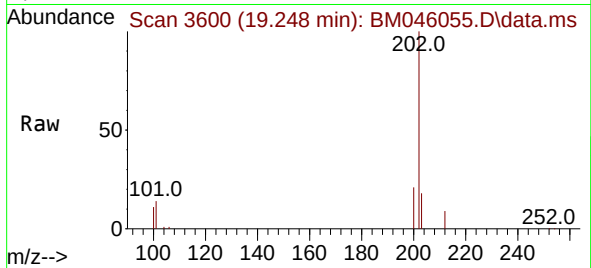
Tgt Ion:202 Resp: 204561
 Ion Ratio Lower Upper
 202 100
 101 11.1 9.6 14.4
 100 8.8 7.6 11.4





#20
Pyrene
Concen: 3.905 ng/u1
RT: 19.248 min Scan# 30
Delta R.T. -0.027 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

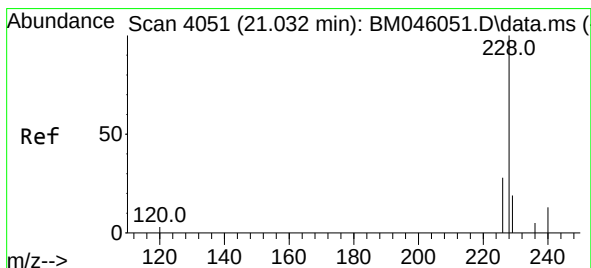
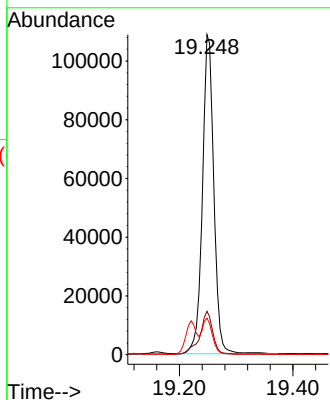
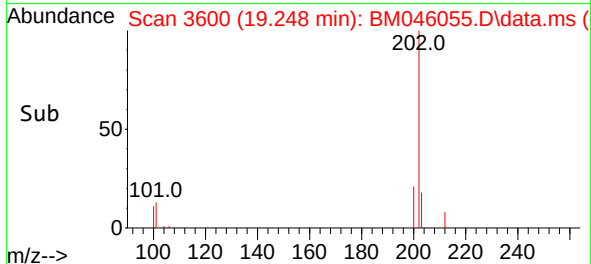
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:202 Resp: 151370
Ion Ratio Lower Upper
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101 13.6 11.3 16.9
100 11.4 9.8 14.6

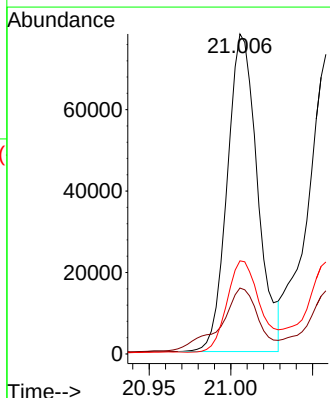
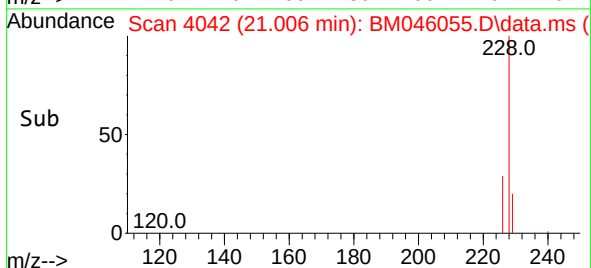
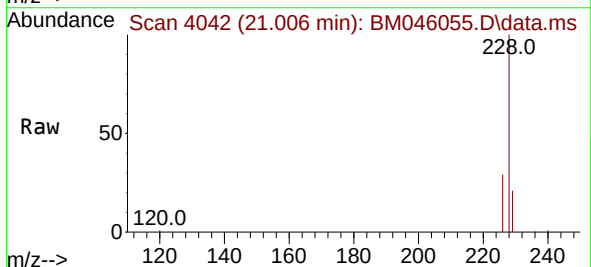
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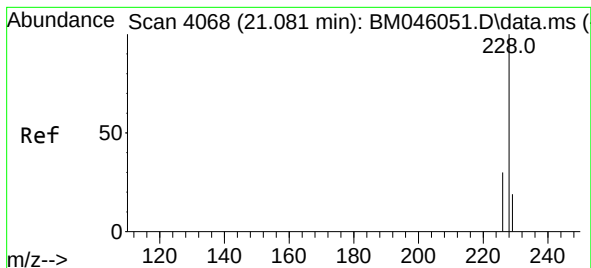
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#21
Benzo(a)anthracene
Concen: 3.146 ng/u1
RT: 21.006 min Scan# 4042
Delta R.T. -0.024 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

Tgt Ion:228 Resp: 100589
Ion Ratio Lower Upper
228 100
229 20.6 16.4 24.6
226 29.1 23.4 35.2





#22

Chrysene

Concen: 2.633 ng/ul

RT: 21.058 min Scan# 4060

Delta R.T. -0.018 min

Lab File: BM046055.D

Acq: 18 Jun 2024 17:35

Instrument :

BNA_M

ClientSampleId :

A4BJ4

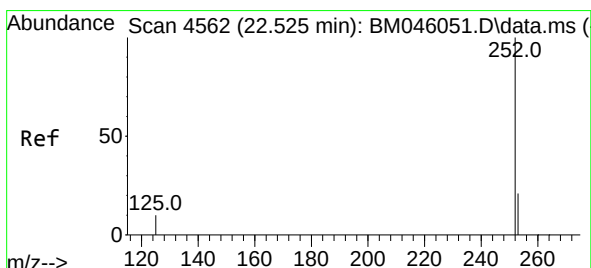
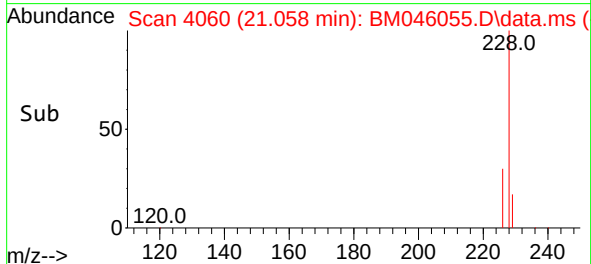
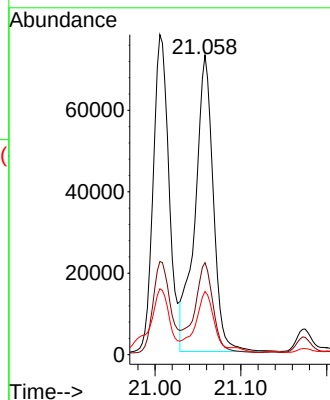
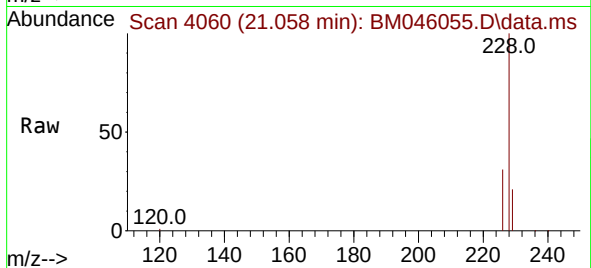
Tgt Ion:228 Resp: 10743

Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.2	37.8
229	21.1	16.3	24.5

Manual Integrations

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Supervised By :mohammad ahmed 06/21/2024



#24

Benzo(b)fluoranthene

Concen: 4.632 ng/ul m

RT: 22.501 min Scan# 4554

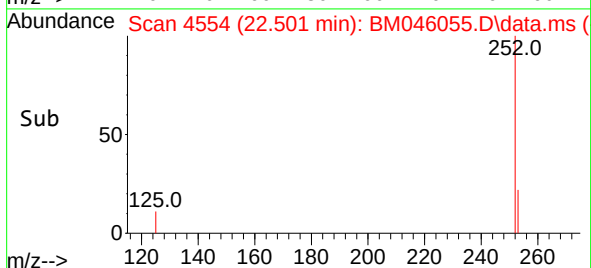
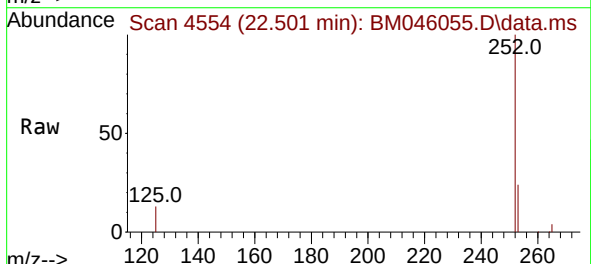
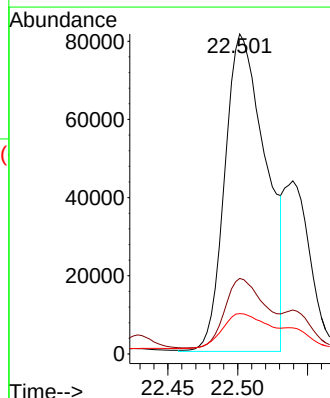
Delta R.T. -0.018 min

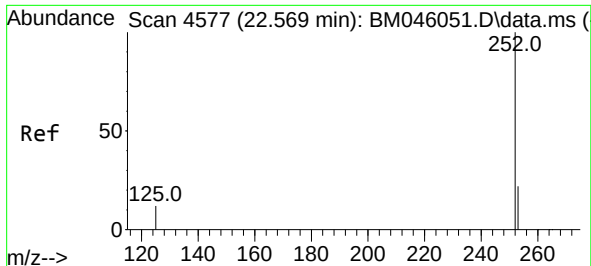
Lab File: BM046055.D

Acq: 18 Jun 2024 17:35

Tgt Ion:252 Resp: 166414

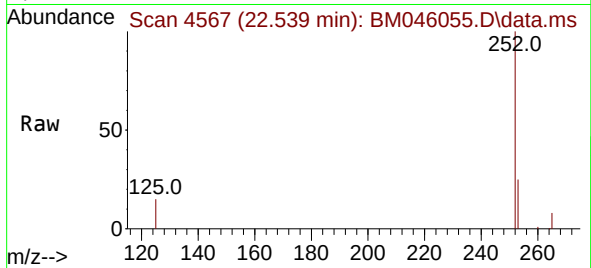
Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	65.8
125	12.6	0.0	40.2





#25
Benzo(k)fluoranthene
Concen: 1.320 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

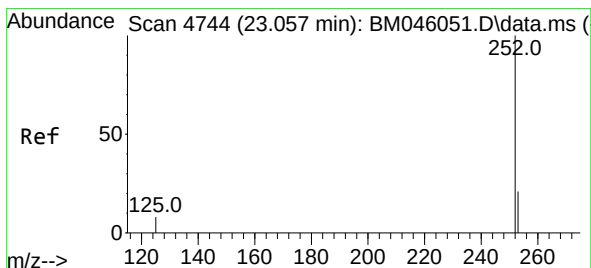
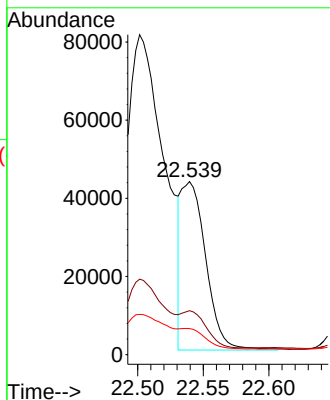
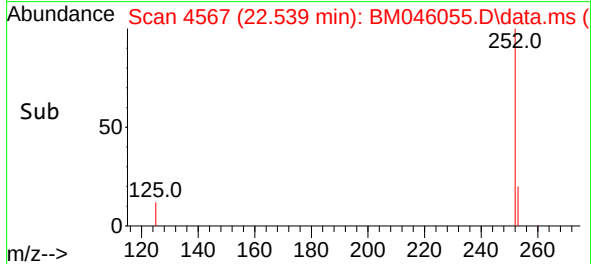
Instrument :
BNA_M
ClientSampleId :
A4BJ4



Tgt Ion:252 Resp: 5638
Ion Ratio Lower Upper
252 100
253 25.4 27.2 40.8
125 15.1 16.6 25.0

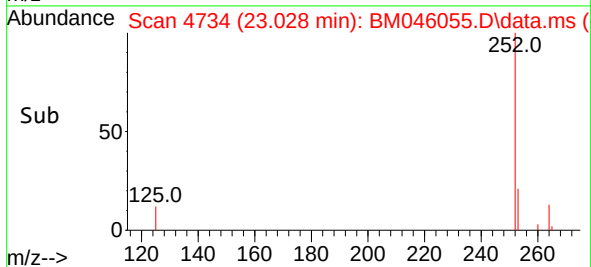
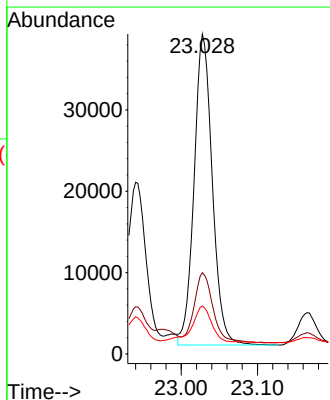
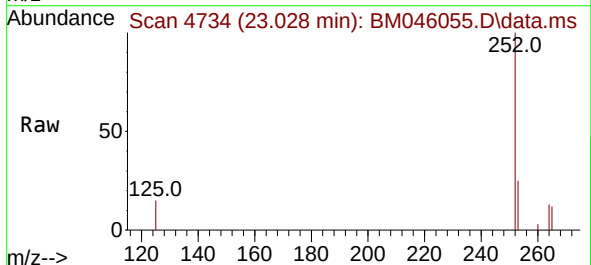
Manual Integrations
APPROVED

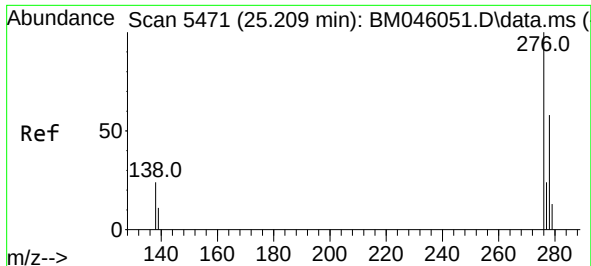
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 1.909 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

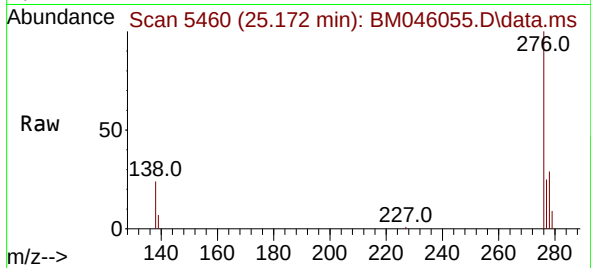
Tgt Ion:252 Resp: 63548
Ion Ratio Lower Upper
252 100
253 25.4 32.1 48.1#
125 15.0 21.2 31.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.215 ng/ul
RT: 25.172 min Scan# 5460
Delta R.T. -0.031 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35

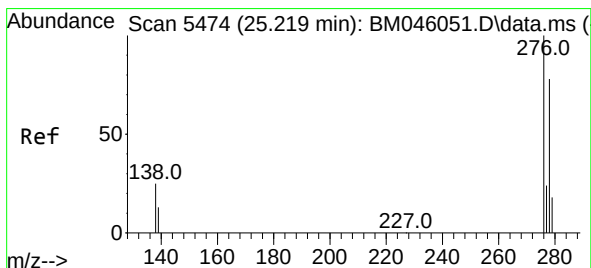
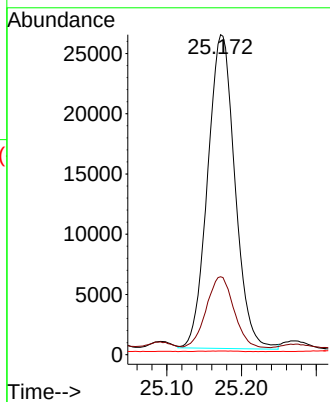
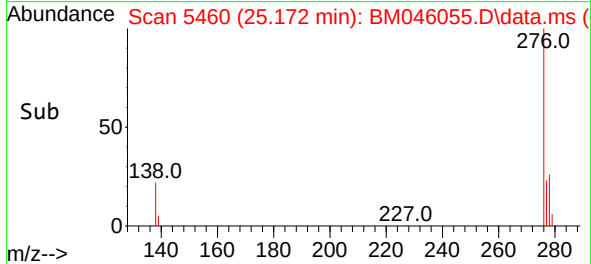
Instrument :
BNA_M
ClientSampleId :
A4BJ4



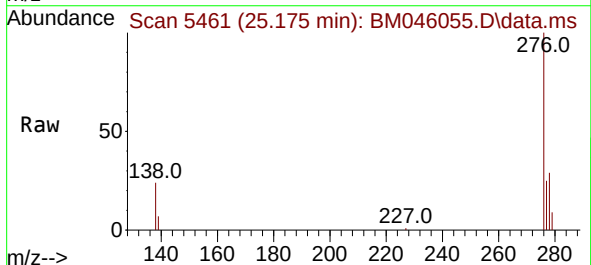
Tgt Ion:276 Resp: 6620
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.0 0.0

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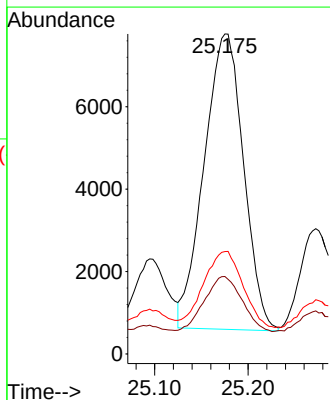
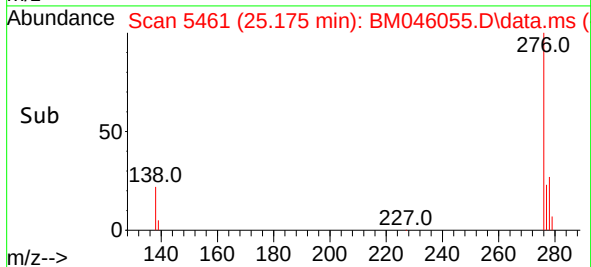
Reviewed By :Jagrut Upadhyay 06/19/2024
Supervised By :mohammad ahmed 06/21/2024

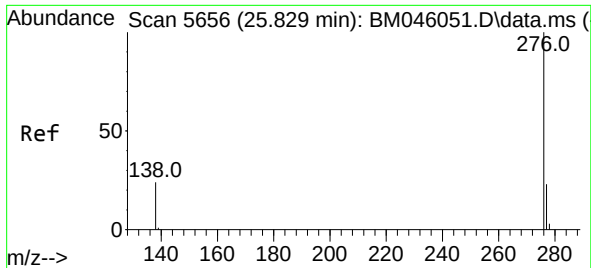


#28
Dibenzo(a,h)anthracene
Concen: 0.518 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.041 min
Lab File: BM046055.D
Acq: 18 Jun 2024 17:35



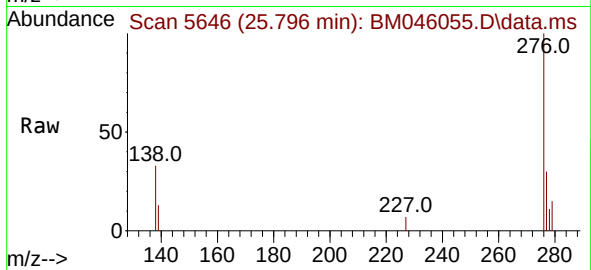
Tgt Ion:278 Resp: 21022
Ion Ratio Lower Upper
278 100
139 24.2 17.6 26.4
279 32.0 26.3 39.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.222 ng/ul
 RT: 25.796 min Scan# 50
 Delta R.T. -0.034 min
 Lab File: BM046055.D
 Acq: 18 Jun 2024 17:35

Instrument :
 BNA_M
 ClientSampleId :
 A4BJ4



Tgt Ion:276 Resp: 1035
 Ion Ratio Lower Upper
 276 100
 138 33.0 21.7 32.5
 277 30.0 20.4 30.6

Manual Integrations
 APPROVED

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

