

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046153.D
 Acq On : 21 Jun 2024 10:51
 Operator : MA/JU
 Sample : P2754-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 11:23:17 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	7.421	152	2386	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	6751	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.067	164	3636	0.400	ng/ul	#-0.04
13) Phenanthrene-d10	16.812	188	7741m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	6201m	0.400	ng/ul	-0.04
23) Perylene-d12	23.104	264	7530m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	11951	3.651	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.816	152	2437	0.269	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	5392	0.290	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	2531	0.134	ng/ul#	93
7) 2-Methylnaphthalene	11.893	142	638	0.060	ng/ul	100
8) 1-Methylnaphthalene	12.108	142	567	0.049	ng/ul	96
10) Acenaphthylene	13.785	152	5200	0.302	ng/ul	98
11) Acenaphthene	14.132	153	2323	0.187	ng/ul	97
12) Fluorene	15.127	166	2825	0.211	ng/ul	98
15) Phenanthrene	16.850	178	76566m	3.521	ng/ul	
16) Anthracene	16.947	178	15586m	0.962	ng/ul	
19) Fluoranthene	18.872	202	233088	8.681	ng/ul	99
20) Pyrene	19.239	202	161115	5.549	ng/ul#	94
21) Benzo(a)anthracene	20.994	228	104039m	4.344	ng/ul	
22) Chrysene	21.044	228	124490	4.073	ng/ul	100
24) Benzo(b)fluoranthene	22.487	252	200813m	7.402	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	66257m	2.054	ng/ul	
26) Benzo(a)pyrene	23.010	252	66715	2.654	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.145	276	73345	1.783	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.155	278	22828	0.745	ng/ul	94
29) Benzo(g,h,i)perylene	25.776	276	10724	0.304	ng/ul#	93

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

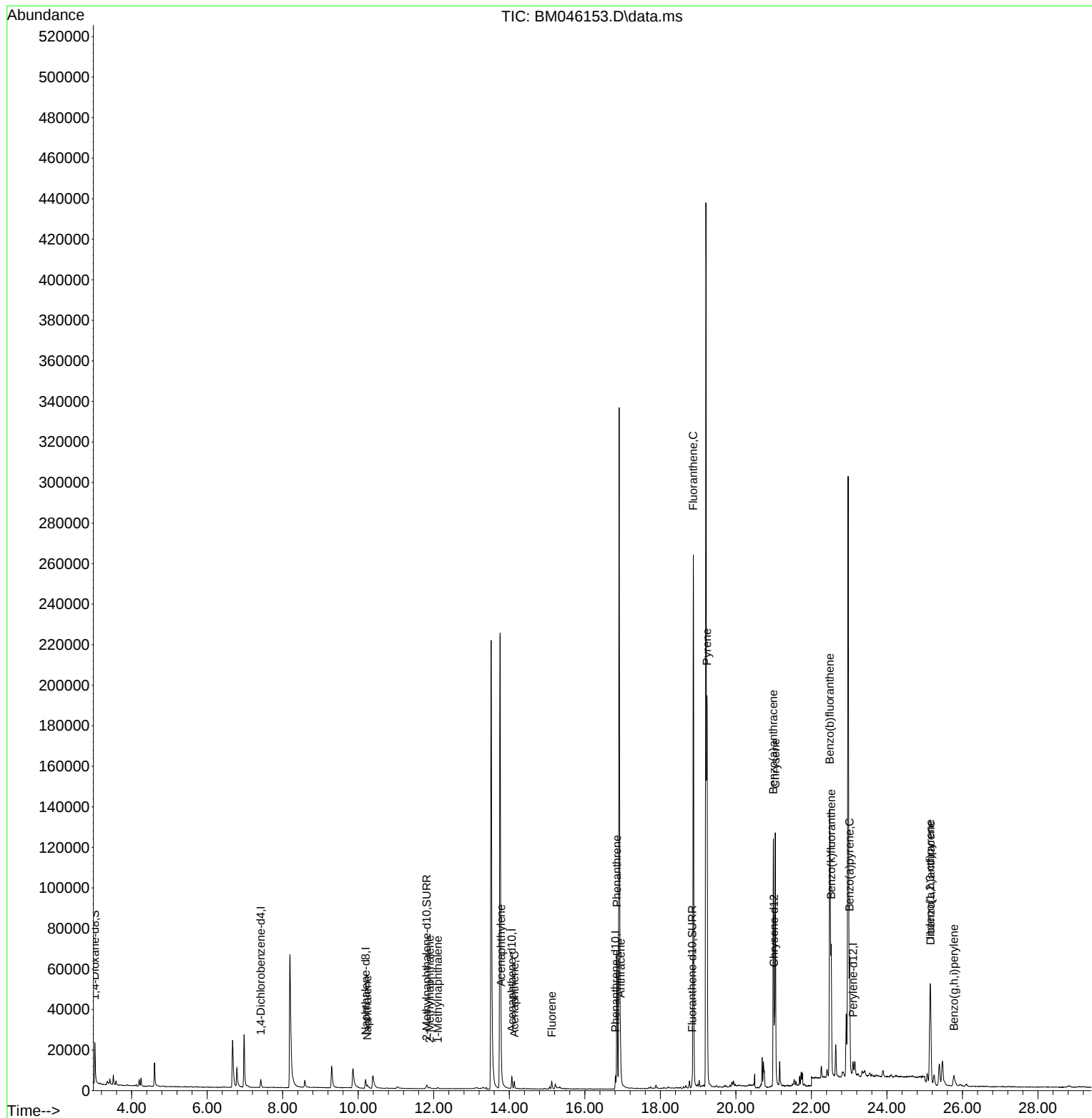
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046153.D
Acq On : 21 Jun 2024 10:51
Operator : MA/JU
Sample : P2754-03
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ALS Vial : 6 Sample Multiplier: 1

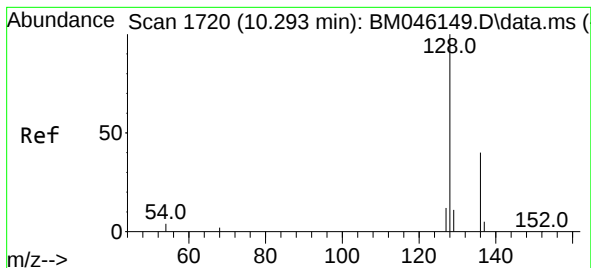
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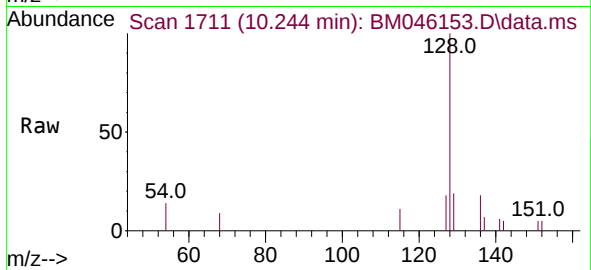
Quant Time: Jun 21 11:23:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.244 min Scan# 1711
Delta R.T. -0.059 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

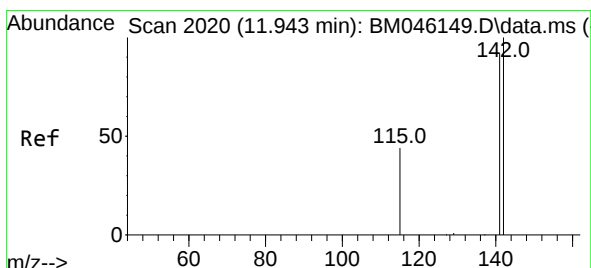
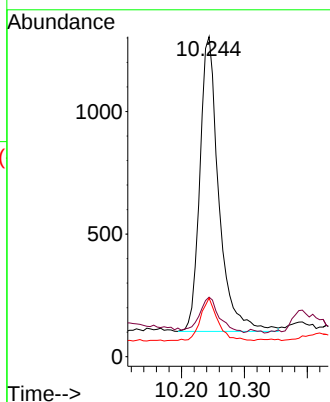
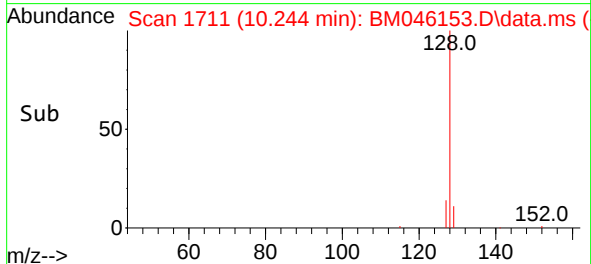
Instrument :
BNA_M
ClientSampleId :
A4BP4



Tgt Ion:128 Resp: 253
Ion Ratio Lower Upper
128 100
129 18.6 11.8 17.6
127 18.3 12.8 19.2

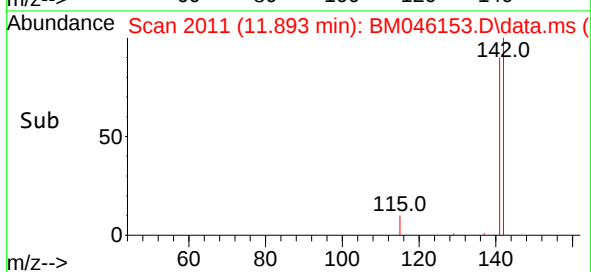
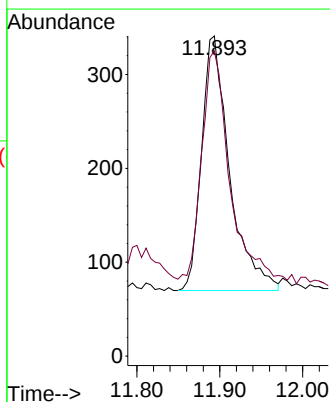
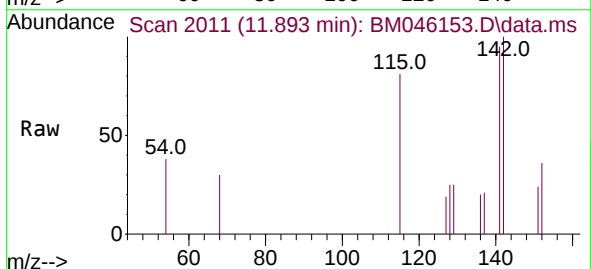
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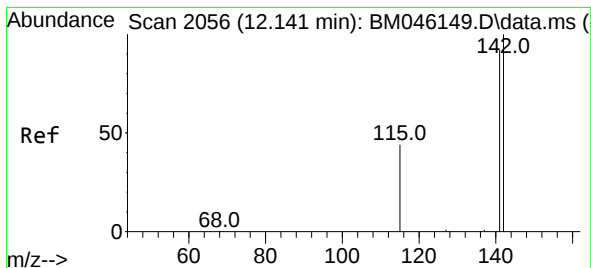
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 11.893 min Scan# 2011
Delta R.T. -0.054 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
142 100
141 93.4 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.049 ng/ul

RT: 12.108 min Scan# 2056

Delta R.T. -0.043 min

Lab File: BM046153.D

Acq: 21 Jun 2024 10:51

Instrument :

BNA_M

ClientSampleId :

A4BP4

Tgt Ion:142 Resp: 56

Ion Ratio Lower Upper

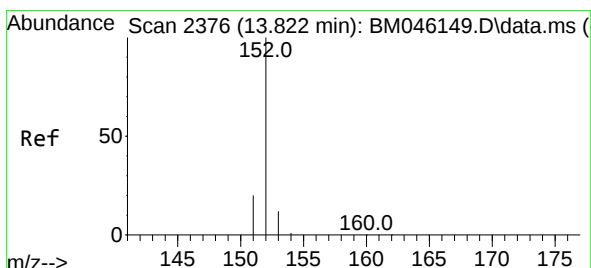
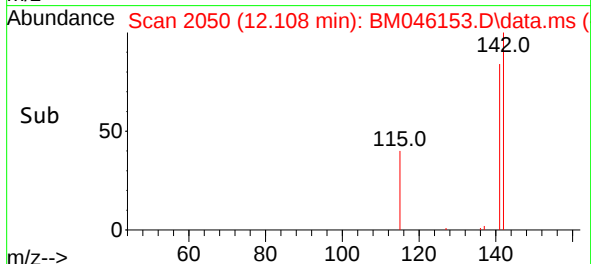
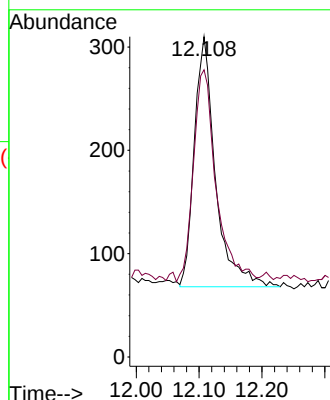
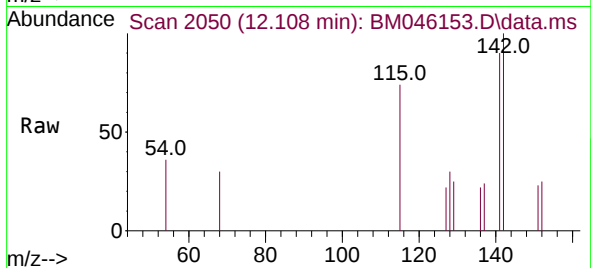
142 100

141 90.5 75.2 112.8

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#10

Acenaphthylene

Concen: 0.302 ng/ul

RT: 13.785 min Scan# 2368

Delta R.T. -0.050 min

Lab File: BM046153.D

Acq: 21 Jun 2024 10:51

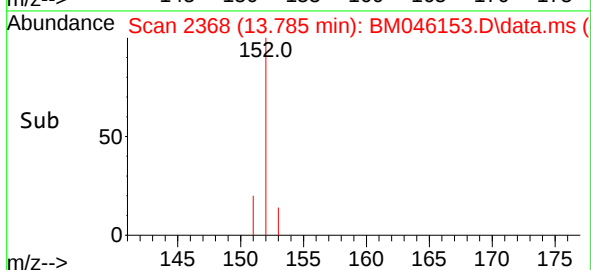
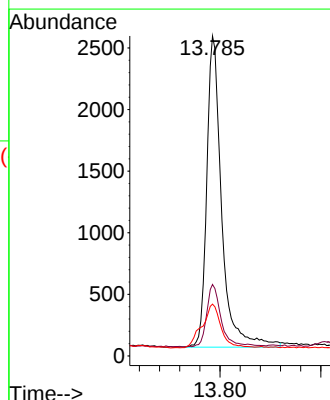
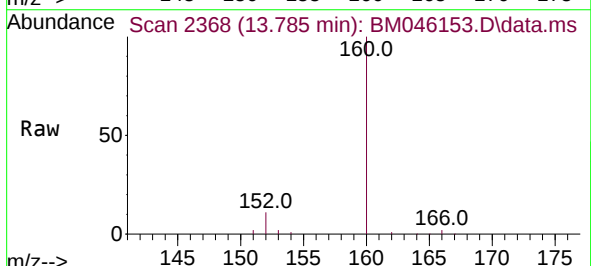
Tgt Ion:152 Resp: 5200

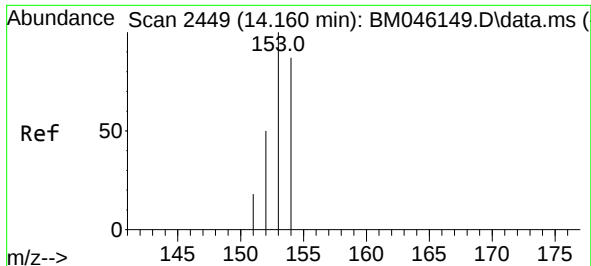
Ion Ratio Lower Upper

152 100

151 22.3 17.4 26.2

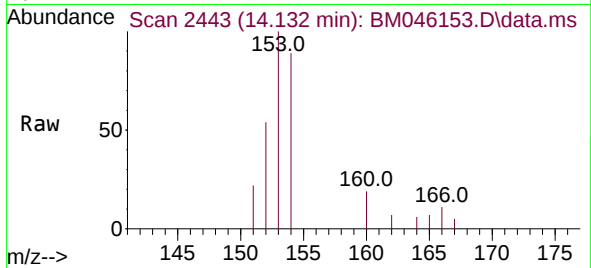
153 16.2 11.8 17.8





#11
Acenaphthene
Concen: 0.187 ng/uI
RT: 14.132 min Scan# 2449
Delta R.T. -0.040 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

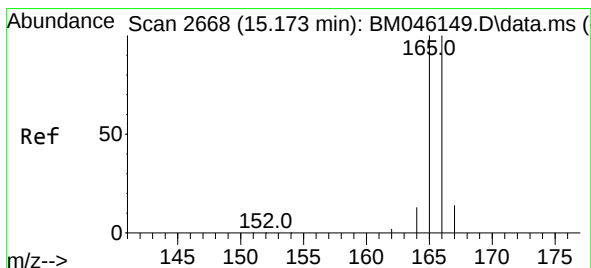
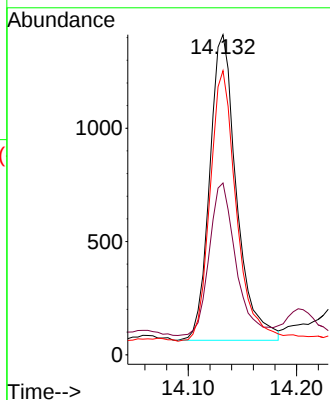
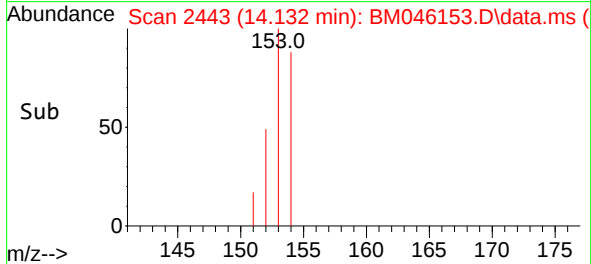
Instrument :
BNA_M
ClientSampleId :
A4BP4



Tgt Ion:153 Resp: 232
Ion Ratio Lower Upper
153 100
152 53.6 41.3 61.9
154 88.7 68.2 102.4

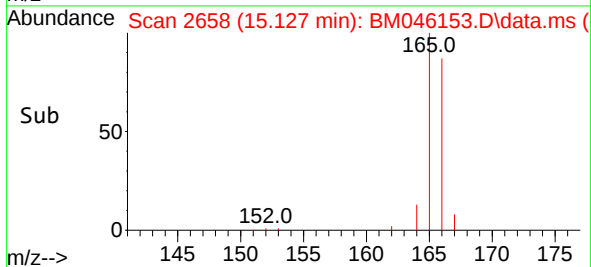
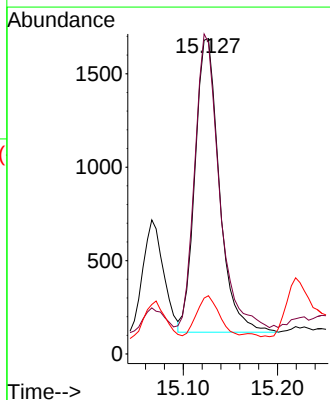
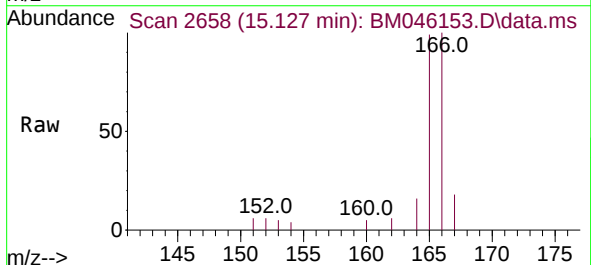
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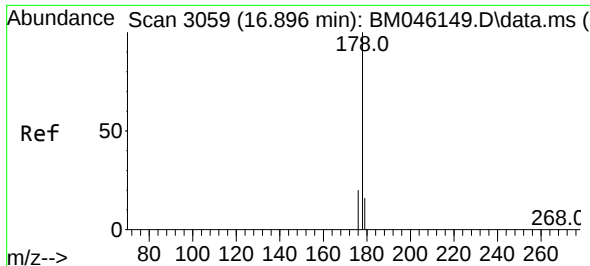
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.211 ng/uI
RT: 15.127 min Scan# 2658
Delta R.T. -0.054 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

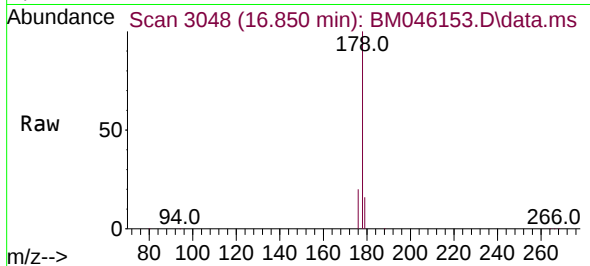
Tgt Ion:166 Resp: 2825
Ion Ratio Lower Upper
166 100
165 98.8 80.4 120.6
167 18.5 12.4 18.6





#15
Phenanthrene
Concen: 3.521 ng/ul m
RT: 16.850 min Scan# 3071
Delta R.T. -0.054 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

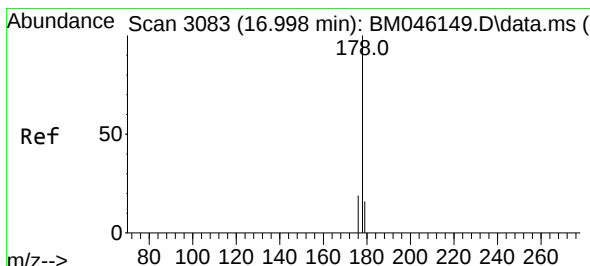
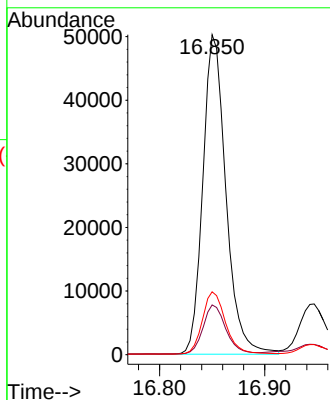
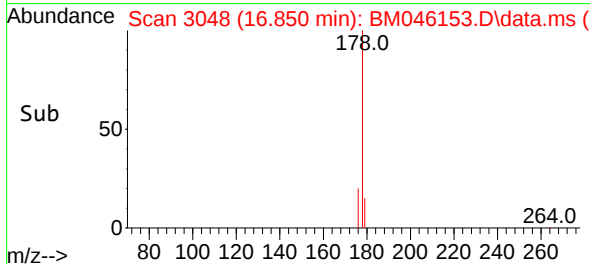
Instrument :
BNA_M
ClientSampleId :
A4BP4



Tgt Ion:178 Resp: 7656
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.7 17.1 25.7

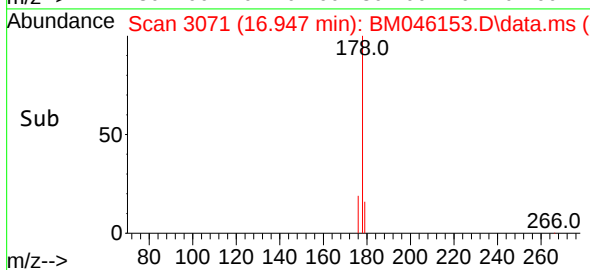
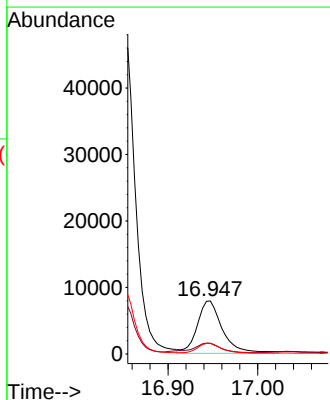
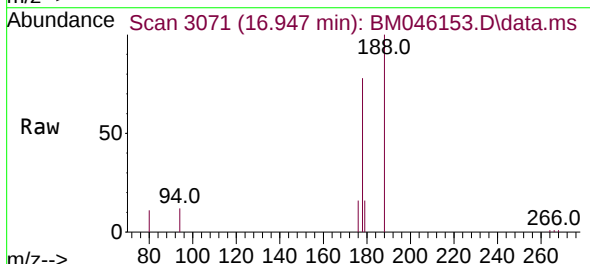
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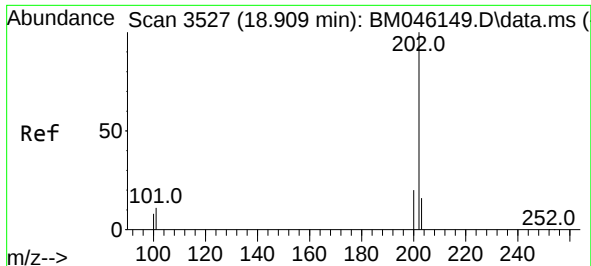
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#16
Anthracene
Concen: 0.962 ng/ul m
RT: 16.947 min Scan# 3071
Delta R.T. -0.058 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

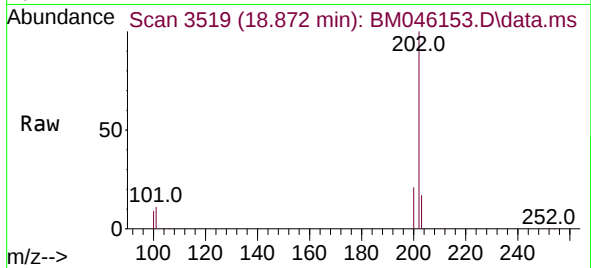
Tgt Ion:178 Resp: 15586
Ion Ratio Lower Upper
178 100
179 20.1 14.9 22.3
176 20.0 17.0 25.4





#19
Fluoranthene
Concen: 8.681 ng/u1
RT: 18.872 min Scan# 31
Delta R.T. -0.045 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

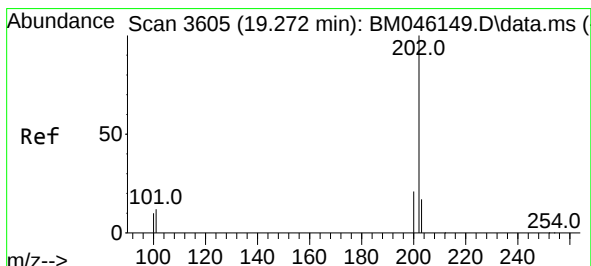
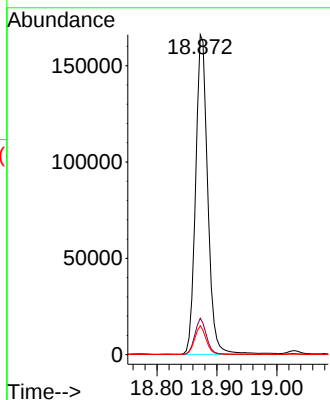
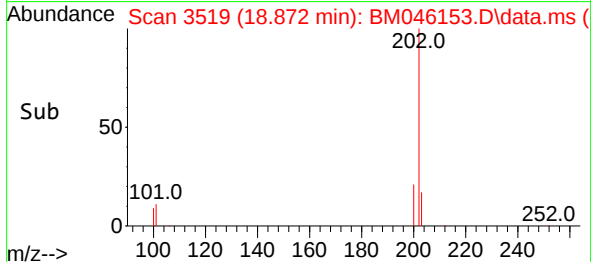
Instrument :
BNA_M
ClientSampleId :
A4BP4



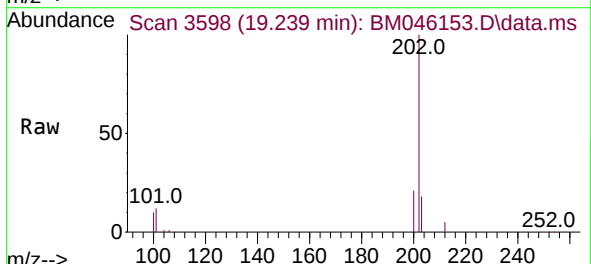
Tgt Ion:202 Resp: 233088
Ion Ratio Lower Upper
202 100
101 11.4 9.6 14.4
100 9.0 7.6 11.4

Manual Integrations
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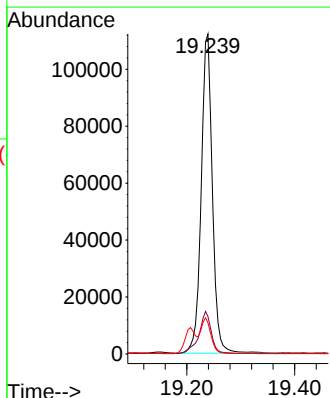
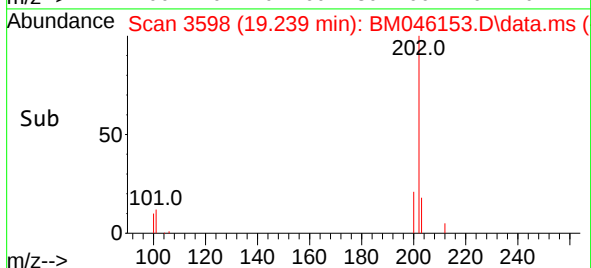
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

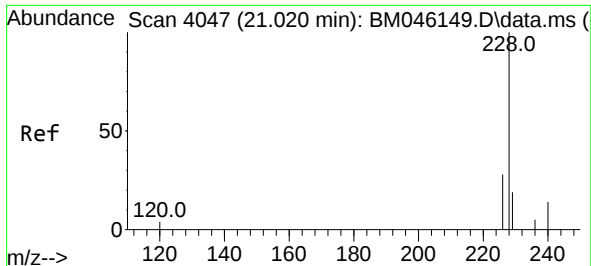


#20
Pyrene
Concen: 5.549 ng/u1
RT: 19.239 min Scan# 3598
Delta R.T. -0.036 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51



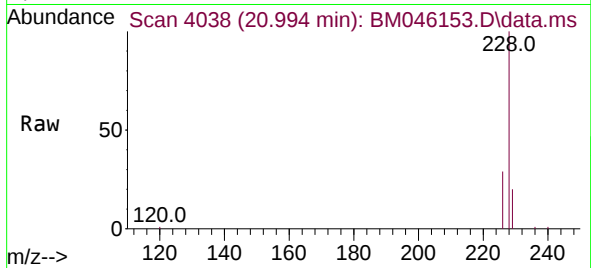
Tgt Ion:202 Resp: 161115
Ion Ratio Lower Upper
202 100
101 11.7 11.3 16.9
100 9.7 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 4.344 ng/ul m
RT: 20.994 min Scan# 4055
Delta R.T. -0.035 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

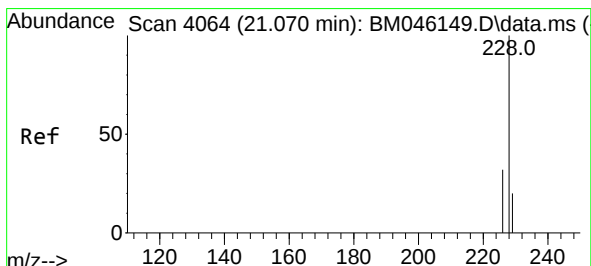
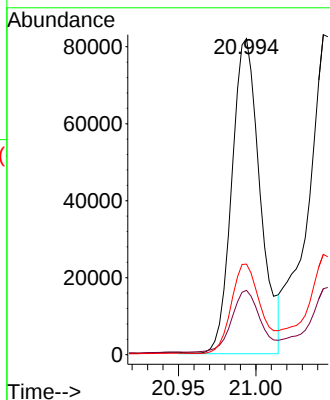
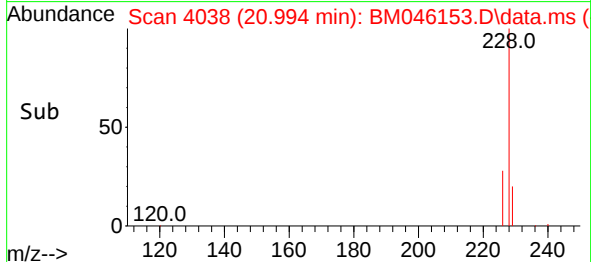
Instrument :
BNA_M
ClientSampleId :
A4BP4



Tgt Ion:228 Resp: 104039
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.6 23.4 35.2

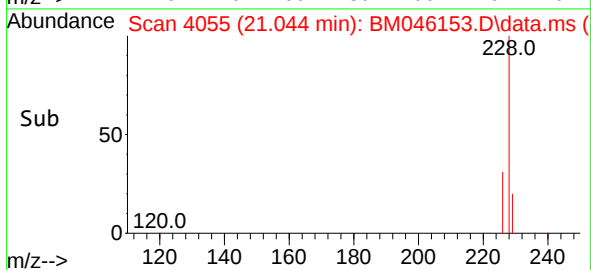
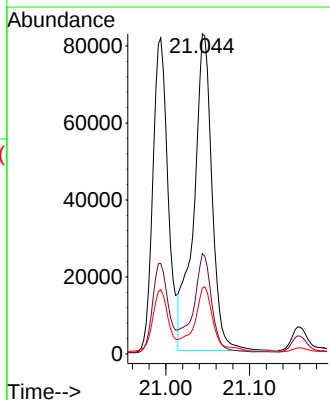
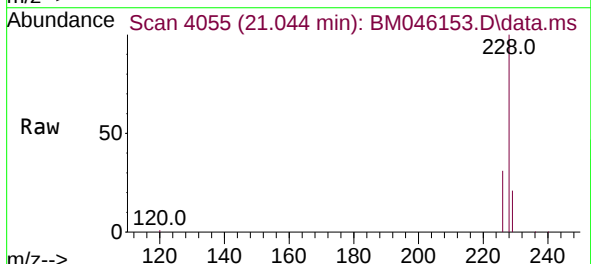
Manual Integrations
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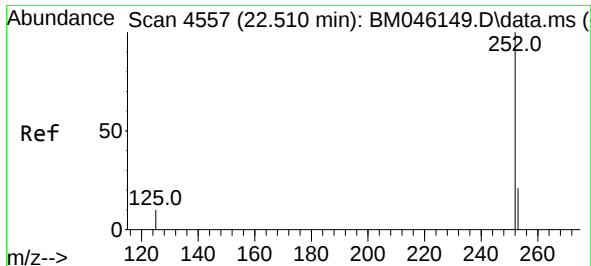
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 4.073 ng/ul
RT: 21.044 min Scan# 4055
Delta R.T. -0.032 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

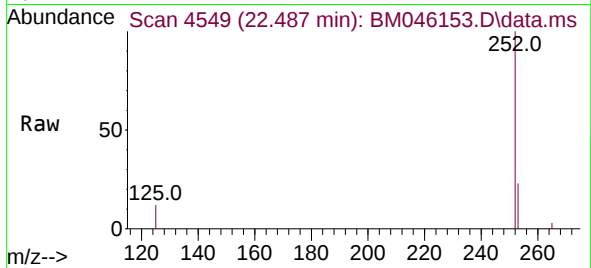
Tgt Ion:228 Resp: 124490
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 20.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 7.402 ng/ul m
RT: 22.487 min Scan# 4549
Delta R.T. -0.033 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

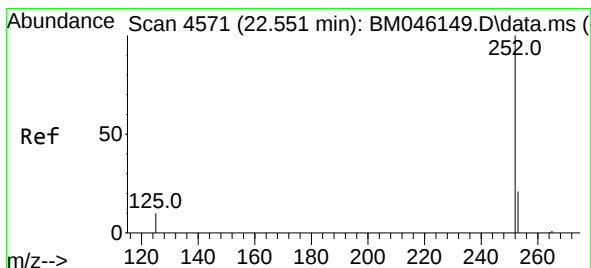
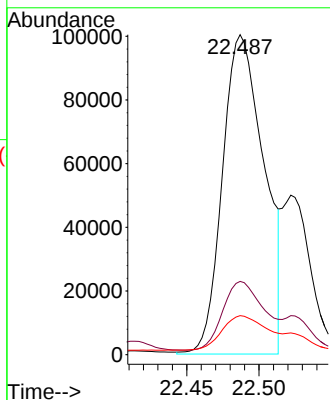
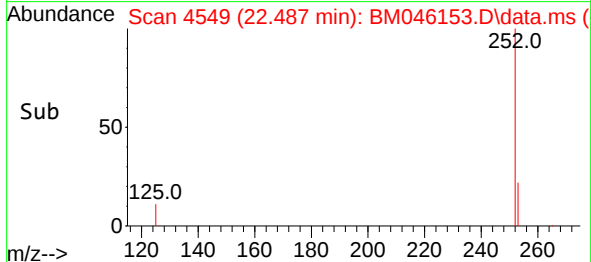
Instrument :
BNA_M
ClientSampleId :
A4BP4



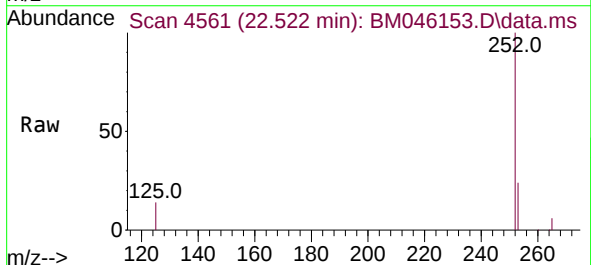
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Ion Ratio Lower Upper
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253 22.9 0.0 65.8
125 12.2 0.0 40.2

Manual Integrations
APPROVED

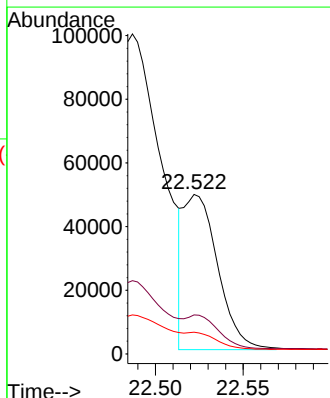
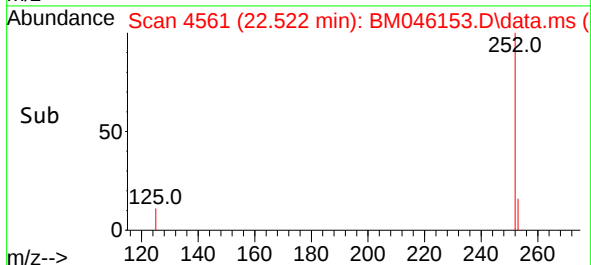
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

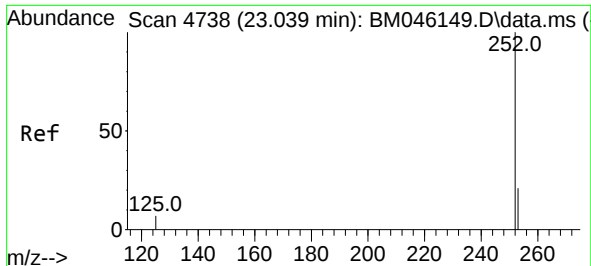


#25
Benzo(k)fluoranthene
Concen: 2.054 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51



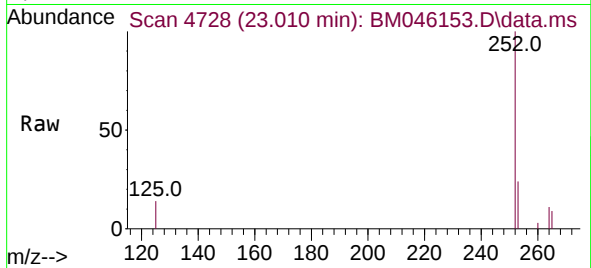
Tgt Ion:252 Resp: 66257
Ion Ratio Lower Upper
252 100
253 24.5 27.2 40.8#
125 13.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 2.654 ng/ul
RT: 23.010 min Scan# 41
Delta R.T. -0.044 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

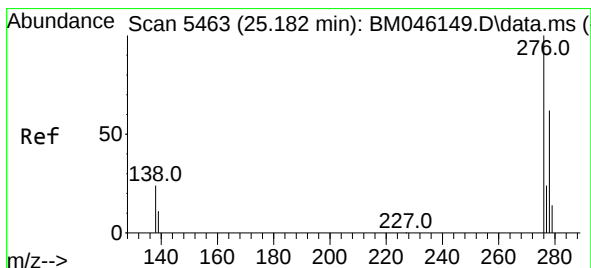
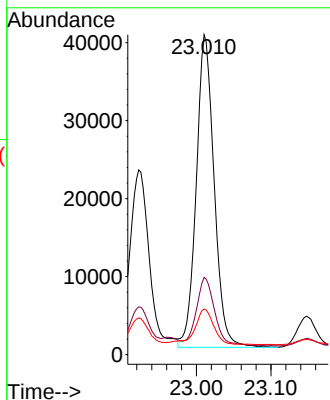
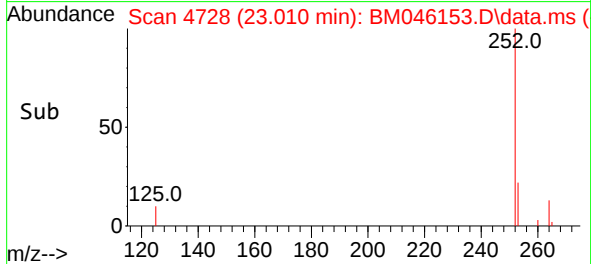
Instrument :
BNA_M
ClientSampleId :
A4BP4



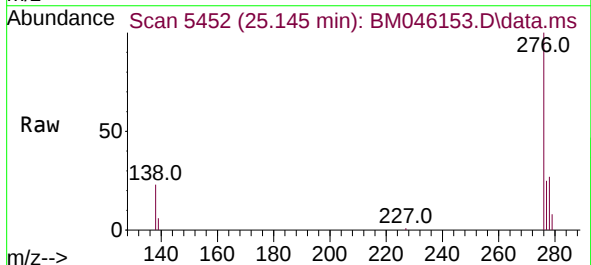
Tgt Ion:252 Resp: 66715
Ion Ratio Lower Upper
252 100
253 24.1 32.1 48.1
125 14.2 21.2 31.8

Manual Integrations
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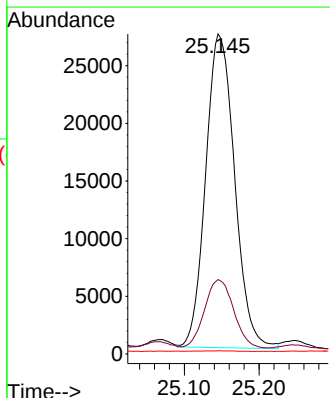
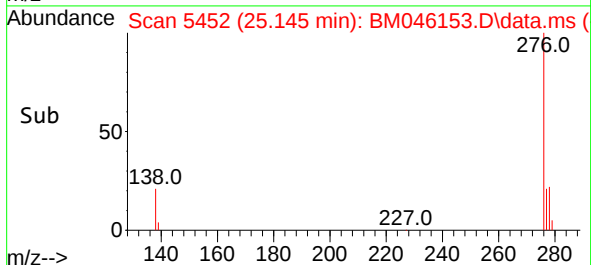
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

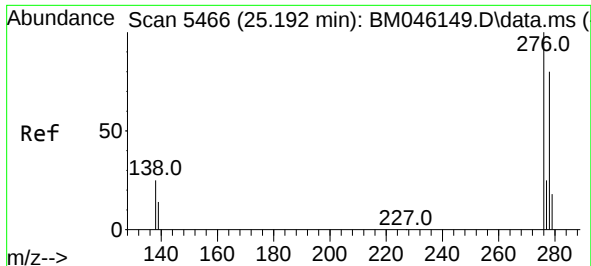


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.783 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.057 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51



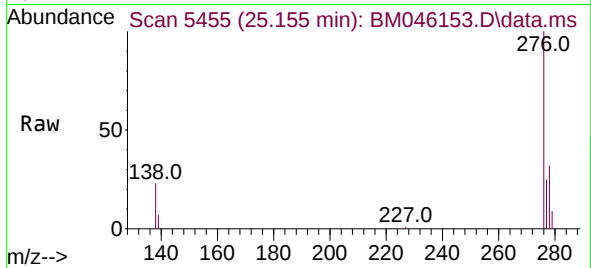
Tgt Ion:276 Resp: 73345
Ion Ratio Lower Upper
276 100
138 22.0 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.745 ng/ul
RT: 25.155 min Scan# 5466
Delta R.T. -0.061 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51

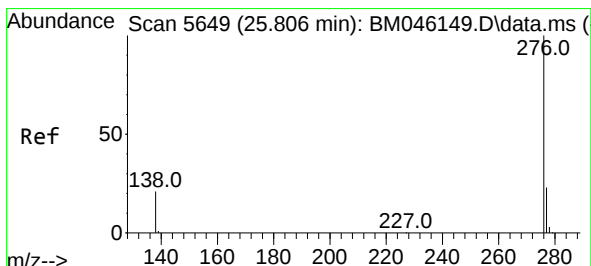
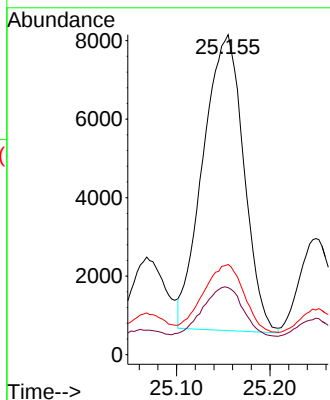
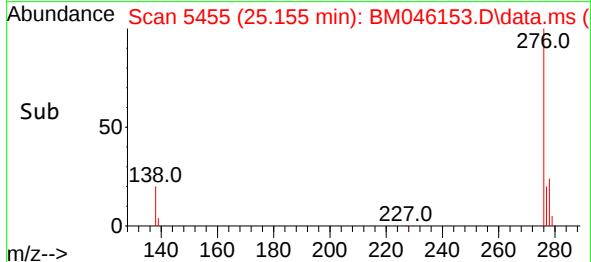
Instrument :
BNA_M
ClientSampleId :
A4BP4



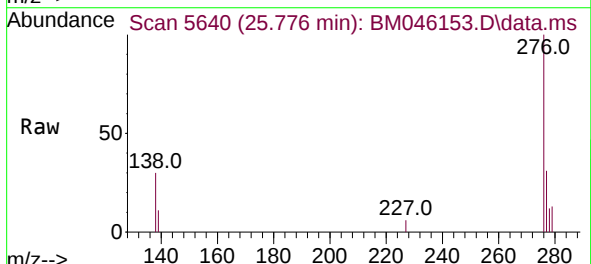
Tgt Ion:278 Resp: 2282
Ion Ratio Lower Upper
278 100
139 20.9 17.6 26.4
279 28.2 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046153.D
Acq: 21 Jun 2024 10:51



Tgt Ion:276 Resp: 10724
Ion Ratio Lower Upper
276 100
138 29.6 21.7 32.5
277 30.7 20.4 30.6#

