

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045973.D
 Acq On : 11 Jun 2024 10:33
 Operator : MA/JU
 Sample : P2640-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH5

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 11 11:10:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 22:47:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	3879	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	12315	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.103	164	6385	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.840	188	13209m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.038	240	10596m	0.400	ng/ul	-0.01
23) Perylene-d12	23.139	264	11142m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	17687	4.003	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.843	152	3658	0.207	ng/ul	0.00
18) Fluoranthene-d10	18.875	212	7744	0.244	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.270	128	1826	0.057	ng/ul#	85
7) 2-Methylnaphthalene	11.920	142	583	0.028	ng/ul	99
10) Acenaphthylene	13.816	152	4579	0.158	ng/ul	95
11) Acenaphthene	14.163	153	1126	0.053	ng/ul	95
12) Fluorene	15.153	166	1598	0.067	ng/ul#	97
15) Phenanthrene	16.882	178	39567m	1.067	ng/ul	
16) Anthracene	16.975	178	8206m	0.259	ng/ul	
19) Fluoranthene	18.903	202	111193	2.632	ng/ul	98
20) Pyrene	19.266	202	94248	2.138	ng/ul	97
21) Benzo(a)anthracene	21.021	228	44419	1.142	ng/ul	97
22) Chrysene	21.073	228	58395	1.379	ng/ul	99
24) Benzo(b)fluoranthene	22.519	252	85416m	2.311	ng/ul	
25) Benzo(k)fluoranthene	22.555	252	31079m	0.765	ng/ul	
26) Benzo(a)pyrene	23.046	252	51493	1.401	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.196	276	46467	0.978	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.202	278	9935	0.262	ng/ul	91
29) Benzo(g,h,i)perylene	25.823	276	47563	1.160	ng/ul	96

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

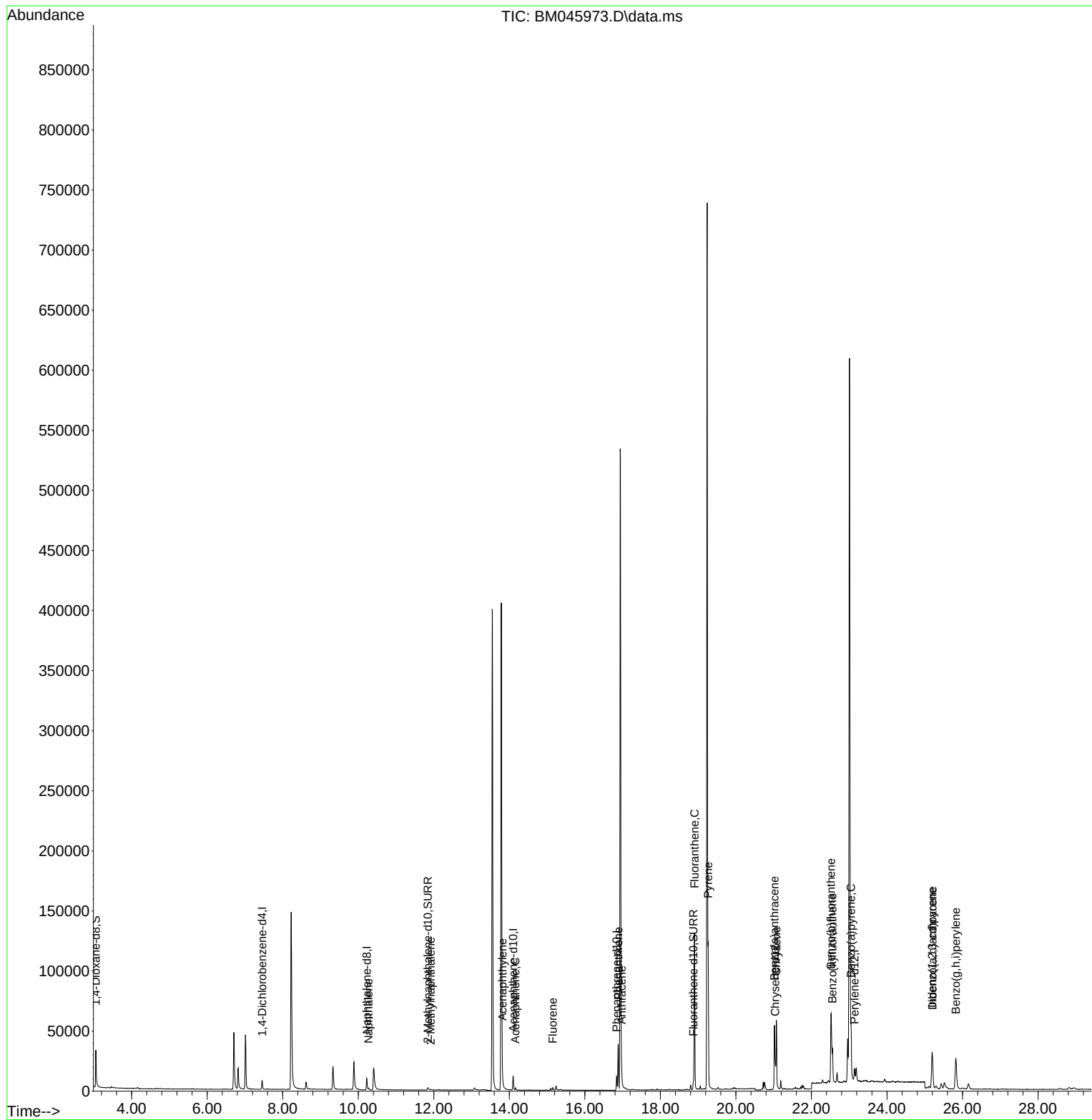
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045973.D
Acq On : 11 Jun 2024 10:33
Operator : MA/JU
Sample : P2640-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

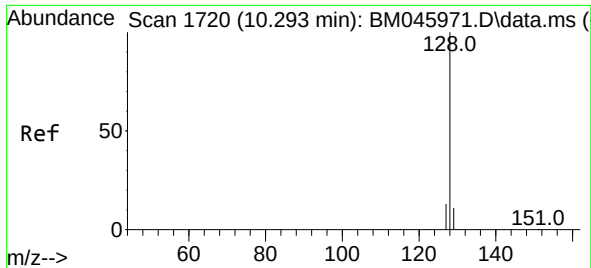
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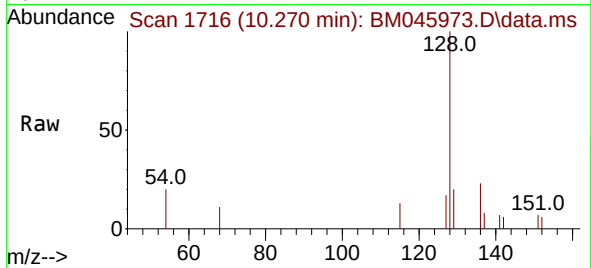
Quant Time: Jun 11 11:10:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.057 ng/ul
RT: 10.270 min Scan# 1716
Delta R.T. -0.033 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

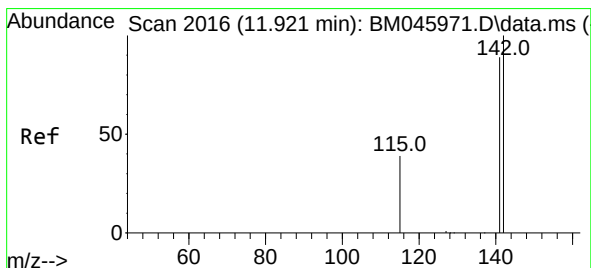
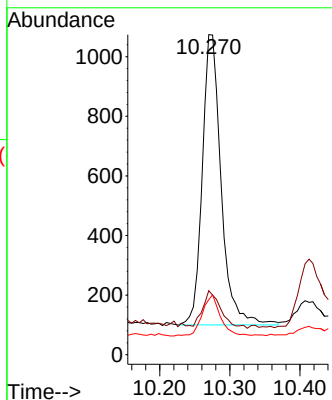
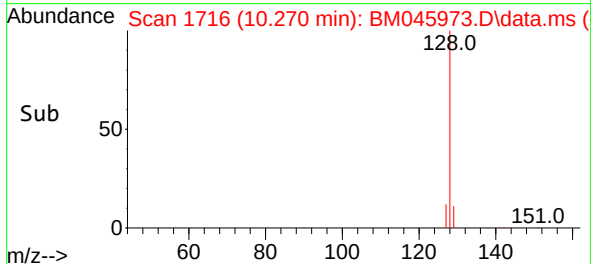
Instrument :
BNA_M
ClientSampleId :
A4BH5



Tgt Ion:128 Resp: 1820
Ion Ratio Lower Upper
128 100
129 20.0 9.4 14.0
127 17.2 10.6 15.8

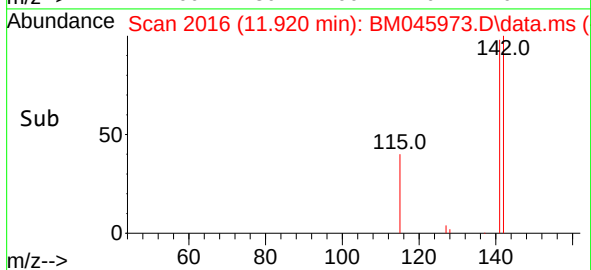
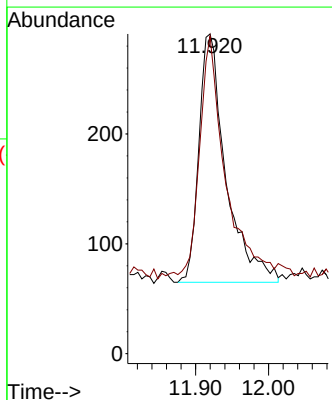
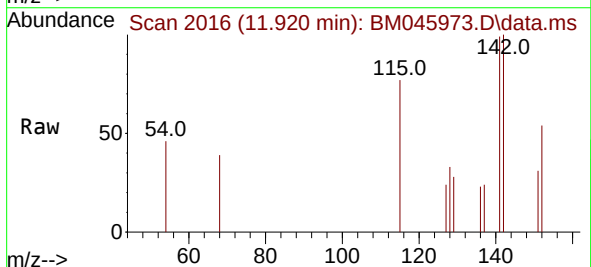
Manual Integrations
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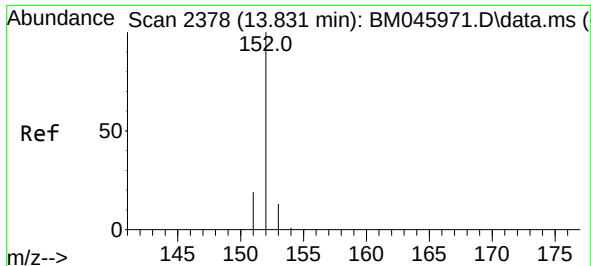
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.920 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

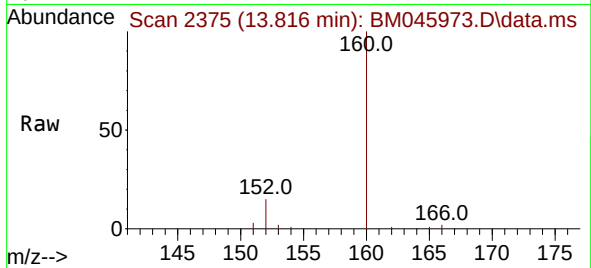
Tgt Ion:142 Resp: 583
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.4





#10
Acenaphthylene
Concen: 0.158 ng/ul
RT: 13.816 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

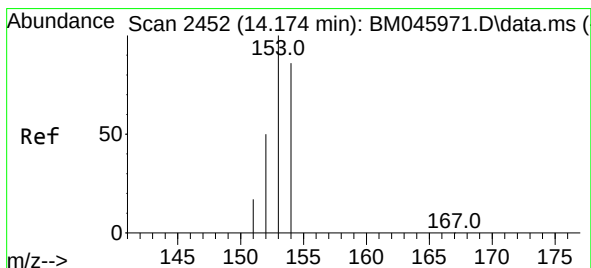
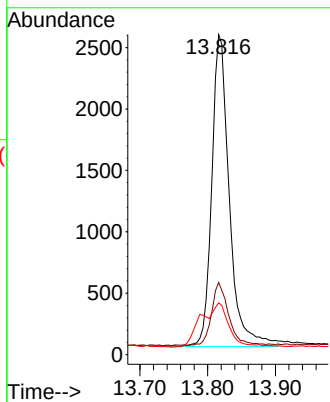
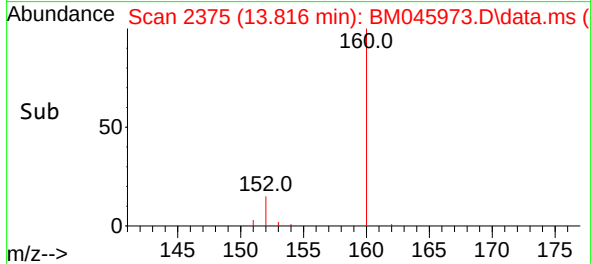
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 4579
Ion Ratio Lower Upper
152 100
151 22.5 16.4 24.6
153 16.2 11.1 16.7

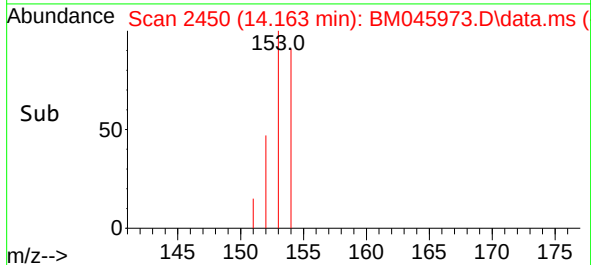
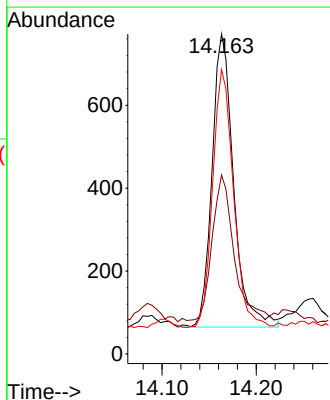
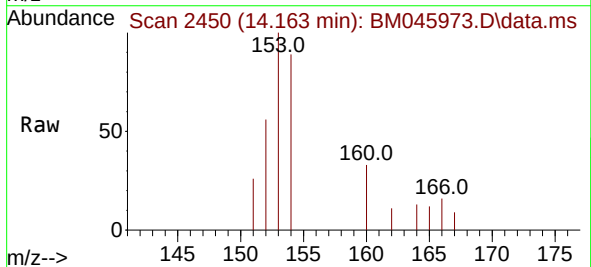
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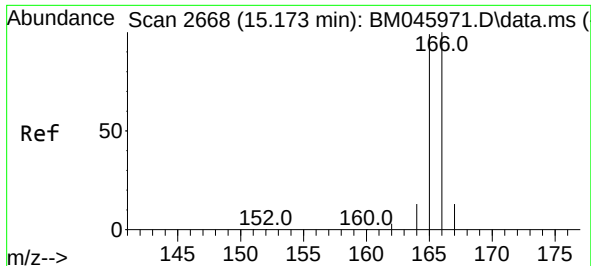
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#11
Acenaphthene
Concen: 0.053 ng/ul
RT: 14.163 min Scan# 2450
Delta R.T. -0.018 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

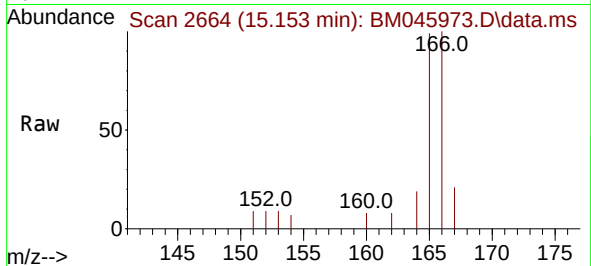
Tgt Ion:153 Resp: 1126
Ion Ratio Lower Upper
153 100
152 56.0 39.0 58.4
154 88.9 69.4 104.2





#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.153 min Scan# 2064
Delta R.T. -0.023 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

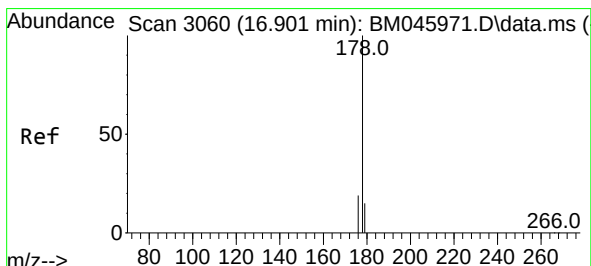
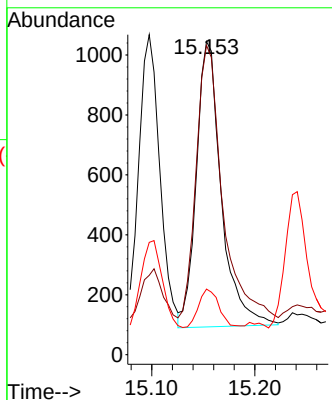
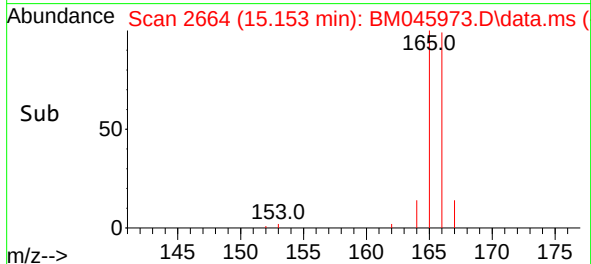
Instrument :
BNA_M
ClientSampleId :
A4BH5



Tgt Ion:166 Resp: 1598
Ion Ratio Lower Upper
166 100
165 98.8 79.7 119.5
167 21.0 11.3 16.9

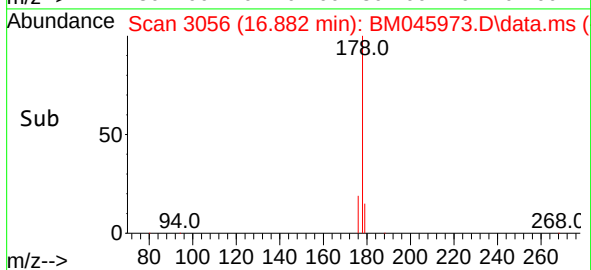
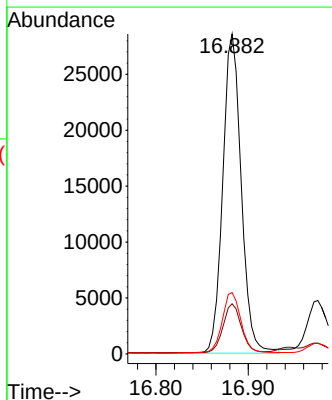
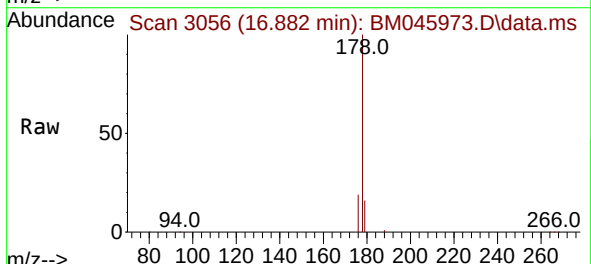
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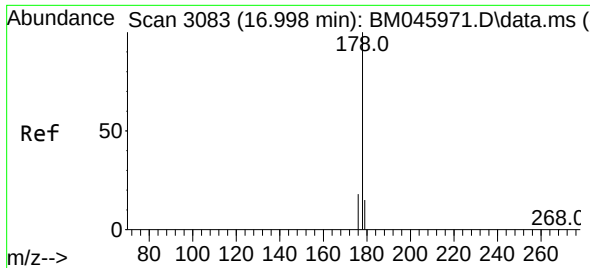
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#15
Phenanthrene
Concen: 1.067 ng/ul m
RT: 16.882 min Scan# 3056
Delta R.T. -0.021 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

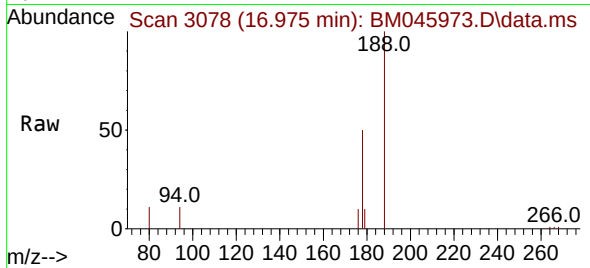
Tgt Ion:178 Resp: 39567
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 0.259 ng/ul m
 RT: 16.975 min Scan# 3083
 Delta R.T. -0.021 min
 Lab File: BM045973.D
 Acq: 11 Jun 2024 10:33

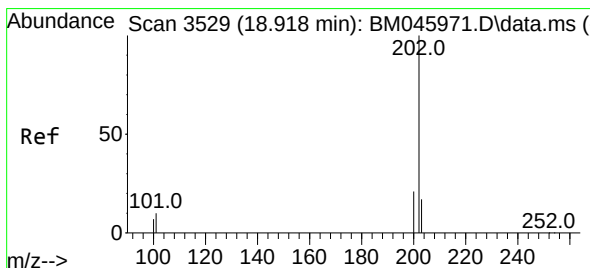
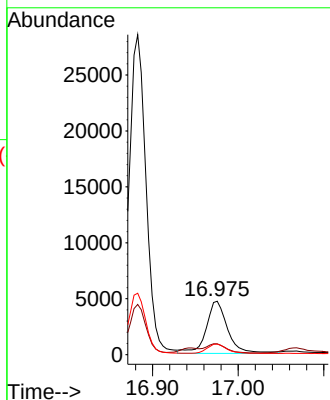
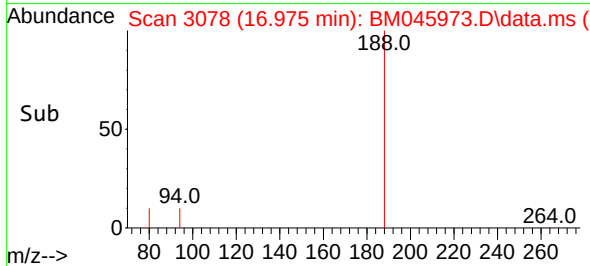
Instrument :
 BNA_M
 ClientSampleId :
 A4BH5



Tgt Ion:178 Resp: 8200
 Ion Ratio Lower Upper
 178 100
 179 20.4 13.1 19.7
 176 19.8 15.5 23.3

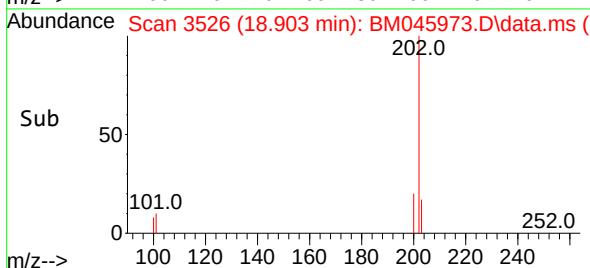
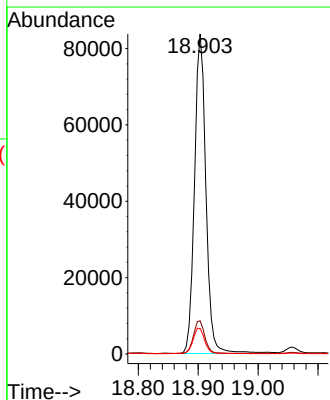
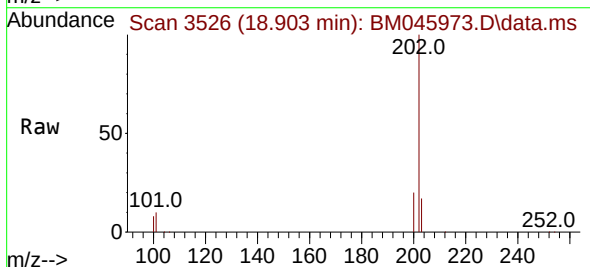
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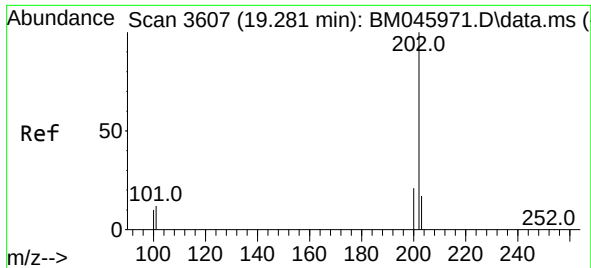
Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024



#19
 Fluoranthene
 Concen: 2.632 ng/ul
 RT: 18.903 min Scan# 3526
 Delta R.T. -0.019 min
 Lab File: BM045973.D
 Acq: 11 Jun 2024 10:33

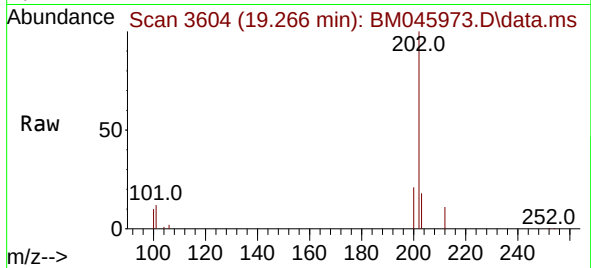
Tgt Ion:202 Resp: 111193
 Ion Ratio Lower Upper
 202 100
 101 10.4 9.0 13.6
 100 8.0 7.0 10.6





#20
Pyrene
Concen: 2.138 ng/ul
RT: 19.266 min Scan# 30
Delta R.T. -0.019 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

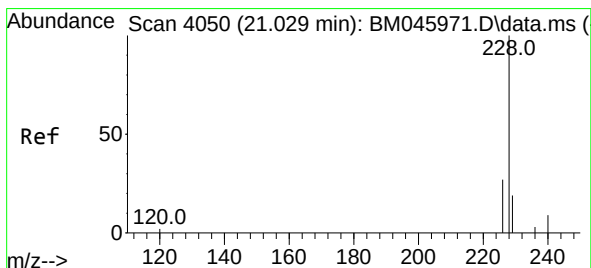
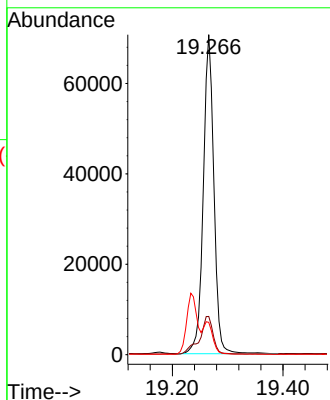
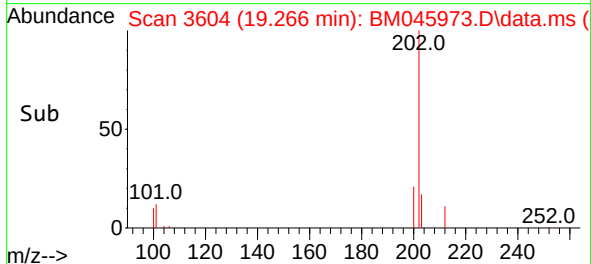
Instrument :
BNA_M
ClientSampleId :
A4BH5



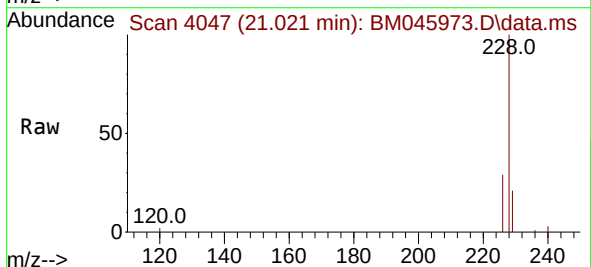
Tgt Ion:202 Resp: 94248
Ion Ratio Lower Upper
202 100
101 11.9 10.6 16.0
100 10.1 9.1 13.7

Manual Integrations
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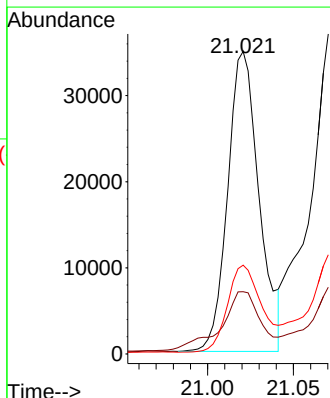
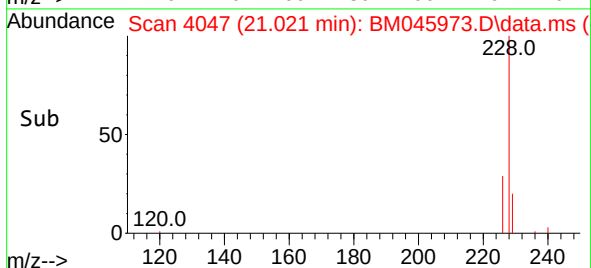
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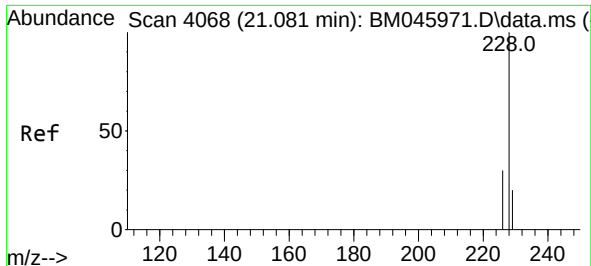


#21
Benzo(a)anthracene
Concen: 1.142 ng/ul
RT: 21.021 min Scan# 4047
Delta R.T. -0.015 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33



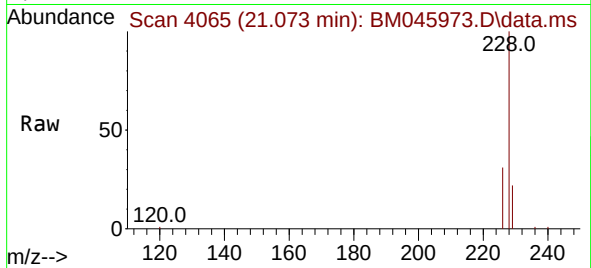
Tgt Ion:228 Resp: 44419
Ion Ratio Lower Upper
228 100
229 20.6 15.7 23.5
226 29.3 22.0 33.0





#22
Chrysene
Concen: 1.379 ng/ul
RT: 21.073 min Scan# 4065
Delta R.T. -0.015 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

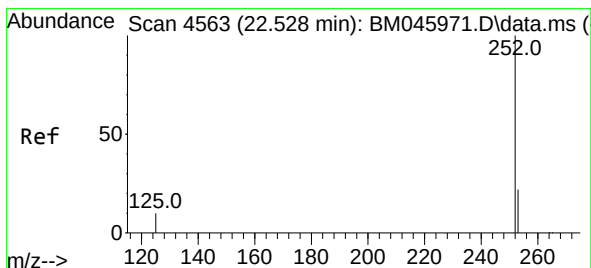
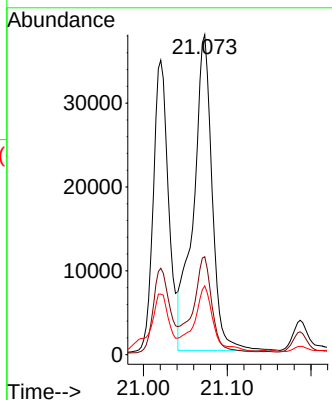
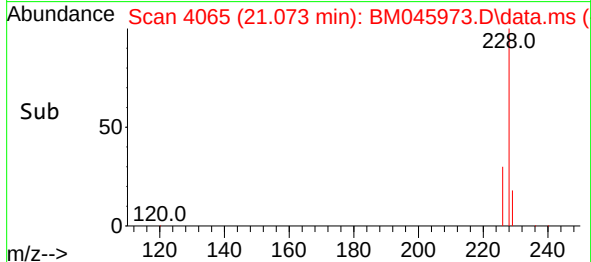
Instrument :
BNA_M
ClientSampleId :
A4BH5



Tgt Ion:228 Resp: 5839
Ion Ratio Lower Upper
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226 30.6 24.5 36.7
229 21.5 16.2 24.2

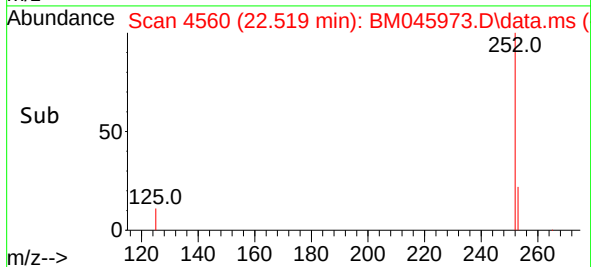
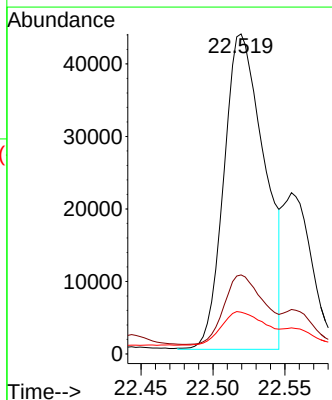
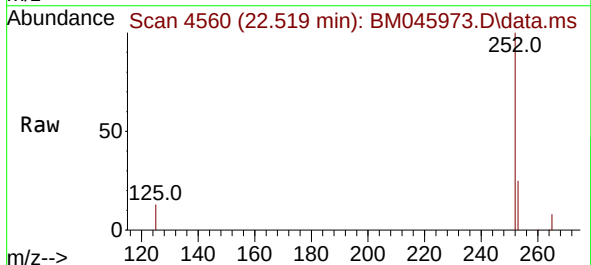
Manual Integrations
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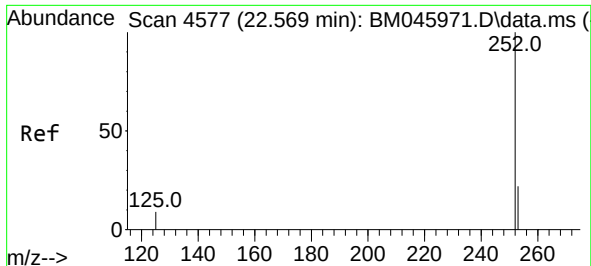
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#24
Benzo(b)fluoranthene
Concen: 2.311 ng/ul m
RT: 22.519 min Scan# 4560
Delta R.T. -0.018 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

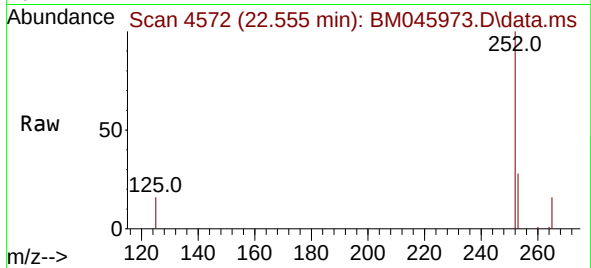
Tgt Ion:252 Resp: 85416
Ion Ratio Lower Upper
252 100
253 24.7 0.0 63.6
125 13.0 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.765 ng/ul m
RT: 22.555 min Scan# 4572
Delta R.T. -0.026 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

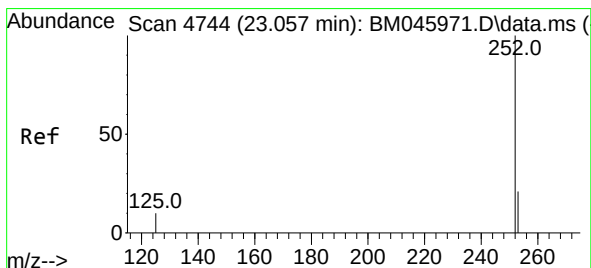
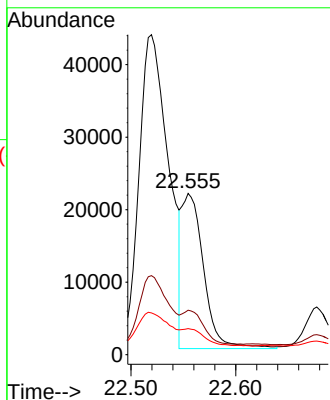
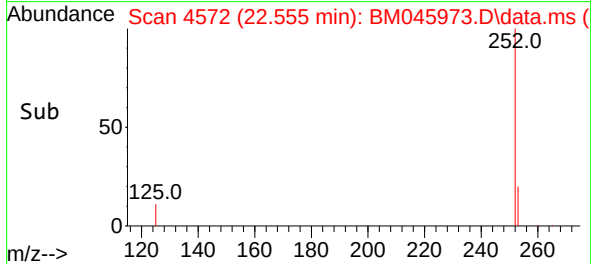
Instrument :
BNA_M
ClientSampleId :
A4BH5



Tgt Ion:252 Resp: 31079
Ion Ratio Lower Upper
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125 16.2 14.2 21.2

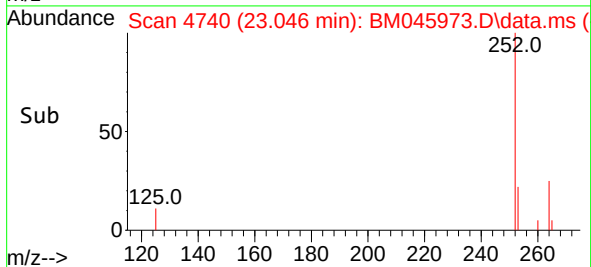
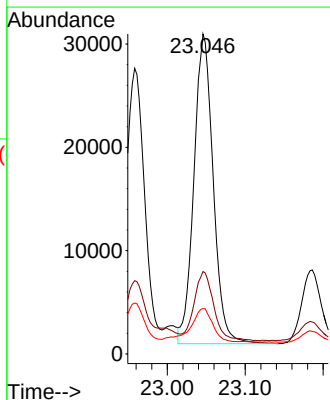
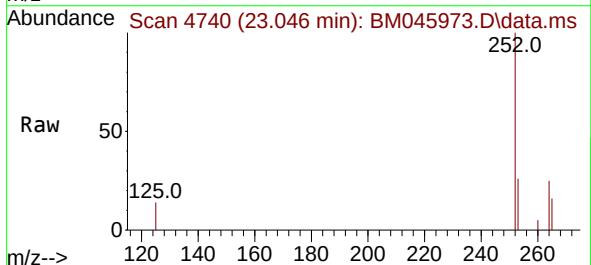
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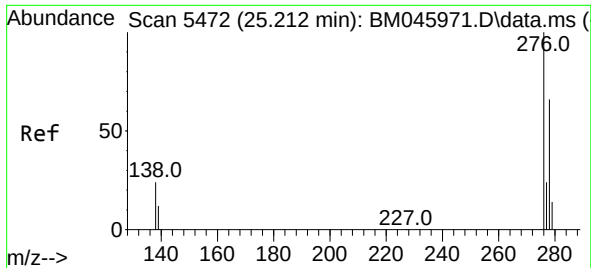
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#26
Benzo(a)pyrene
Concen: 1.401 ng/ul
RT: 23.046 min Scan# 4740
Delta R.T. -0.026 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

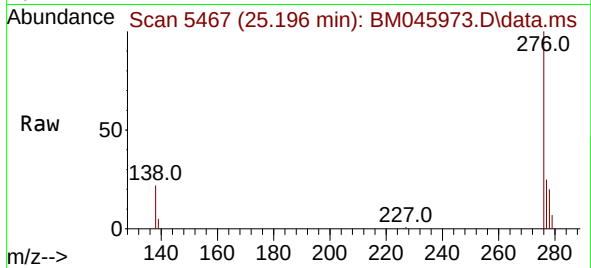
Tgt Ion:252 Resp: 51493
Ion Ratio Lower Upper
252 100
253 25.8 28.8 43.2#
125 14.2 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.978 ng/ul
RT: 25.196 min Scan# 5467
Delta R.T. -0.036 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

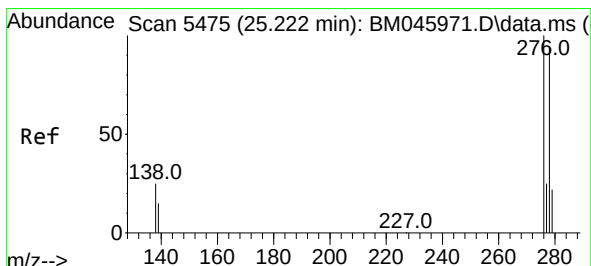
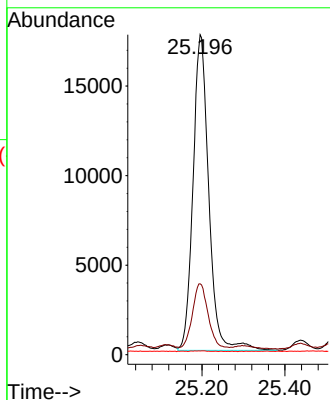
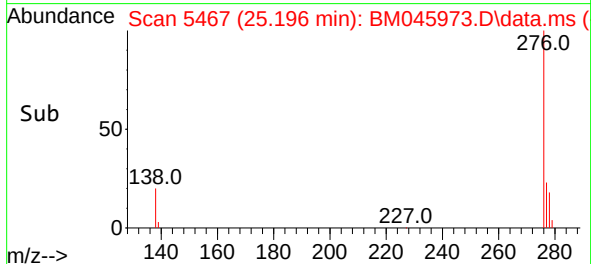
Instrument :
BNA_M
ClientSampleId :
A4BH5



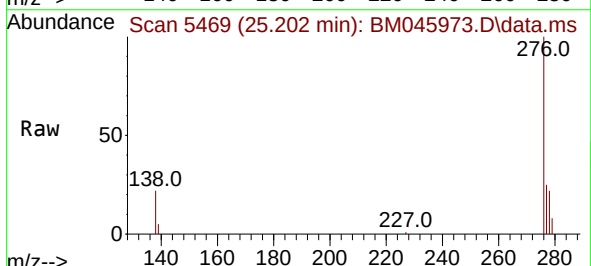
Tgt Ion:276 Resp: 4646
Ion Ratio Lower Upper
276 100
138 20.1 20.7 31.1
227 0.2 0.2 0.2

Manual Integrations
APPROVED

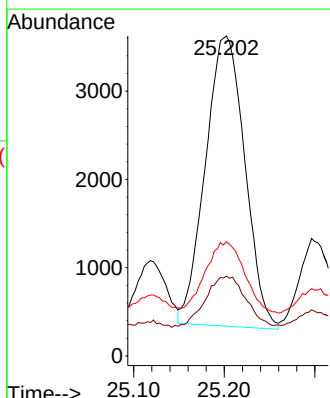
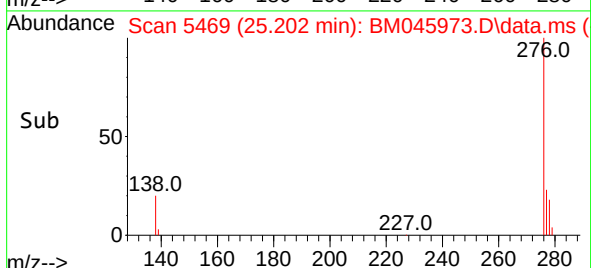
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

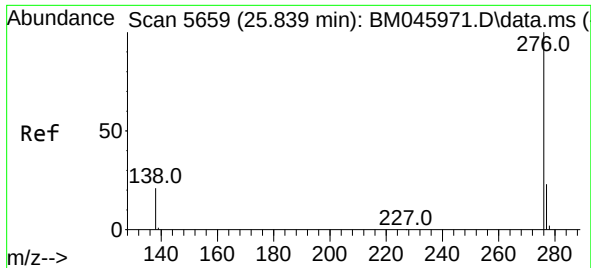


#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.202 min Scan# 5469
Delta R.T. -0.046 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33



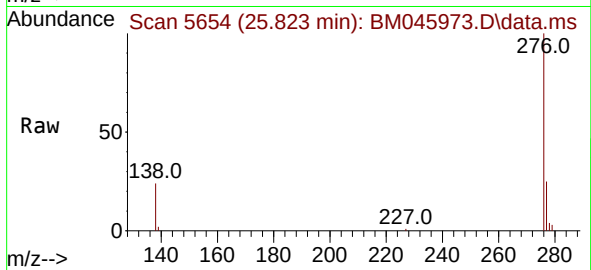
Tgt Ion:278 Resp: 9935
Ion Ratio Lower Upper
278 100
139 24.9 16.6 25.0
279 35.6 24.6 37.0





#29
Benzo(g,h,i)perylene
Concen: 1.160 ng/ul
RT: 25.823 min Scan# 50
Delta R.T. -0.040 min
Lab File: BM045973.D
Acq: 11 Jun 2024 10:33

Instrument :
BNA_M
ClientSampleId :
A4BH5



Tgt Ion:276 Resp: 4756
Ion Ratio Lower Upper
276 100
138 23.5 21.0 31.4
277 24.6 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

