

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040973.D
 Acq On : 20 Jul 2023 09:53
 Operator : MA/JU
 Sample : 03458-15RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46M8RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 10:29:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 20 05:08:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	3313	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.669	136	12273	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.518	164	6054	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	15659	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	9005	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	7184	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	8269	1.518	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	2382	0.146	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	3924	0.104	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.718	128	32495	0.968	ng/ul	98
7) 2-Methylnaphthalene	12.341	142	9763	0.530	ng/ul	98
8) 1-Methylnaphthalene	12.555	142	7017	0.359	ng/ul	98
10) Acenaphthylene	14.240	152	6308	0.249	ng/ul#	94
11) Acenaphthene	14.583	153	19805	0.886	ng/ul	98
12) Fluorene	15.573	166	21929	0.948	ng/ul	100
15) Phenanthrene	17.316	178	258982	5.533	ng/ul	98
16) Anthracene	17.409	178	38044	1.043	ng/ul	98
19) Fluoranthene	19.334	202	221829	4.771	ng/ul	98
20) Pyrene	19.696	202	186456	3.925	ng/ul	99
21) Benzo(a)anthracene	21.448	228	82719	3.015	ng/ul	100
22) Chrysene	21.504	228	85284	2.720	ng/ul	99
24) Benzo(b)fluoranthene	23.132	252	75992	2.756	ng/ul	88
26) Benzo(a)pyrene	23.748	252	20270	0.851	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.327	276	35446	1.122	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.337	278	14259	0.596	ng/ul	98
29) Benzo(g,h,i)perylene	27.092	276	2484	0.085	ng/ul#	58

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

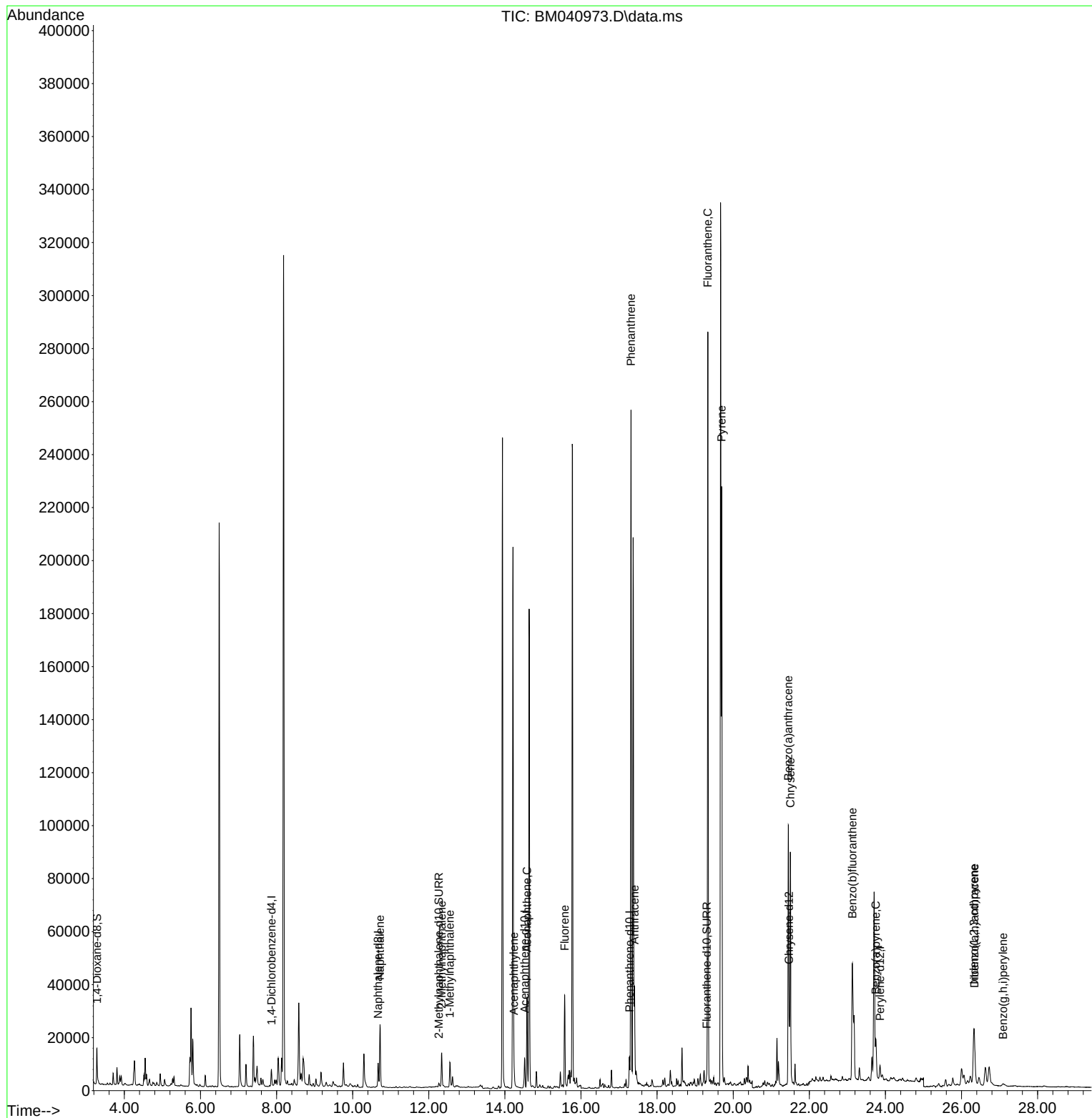
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040973.D
Acq On : 20 Jul 2023 09:53
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ALS Vial : 5 Sample Multiplier: 1

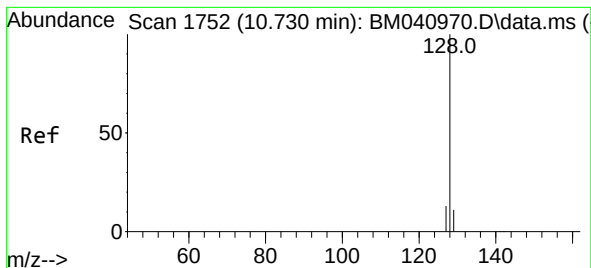
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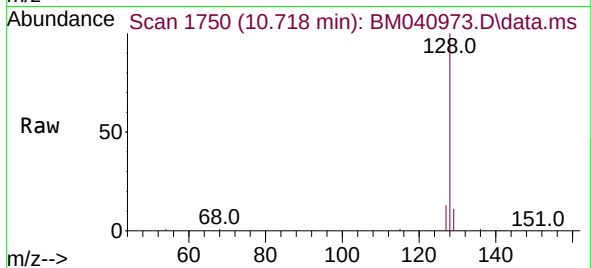
Quant Time: Jul 20 10:29:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.968 ng/ul
RT: 10.718 min Scan# 1750
Delta R.T. -0.011 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

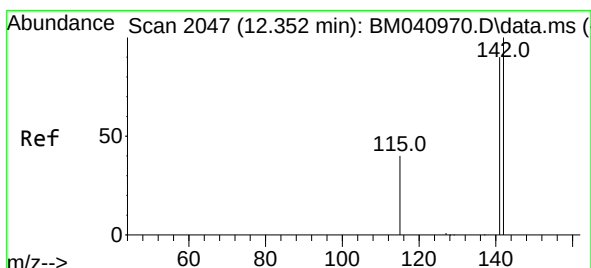
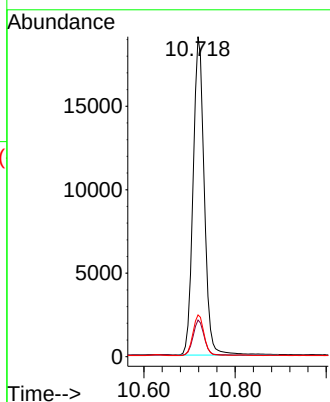
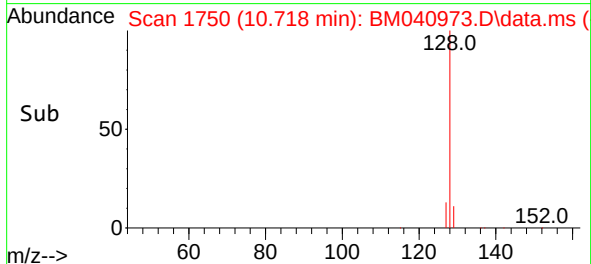
Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion:128 Resp: 3249
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.1 11.0 16.4

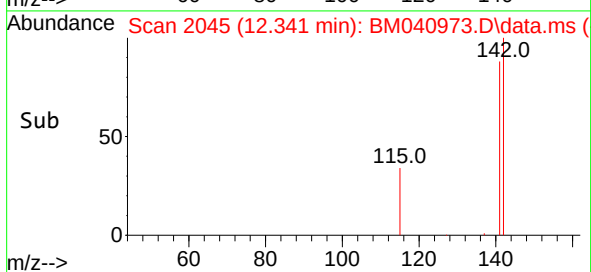
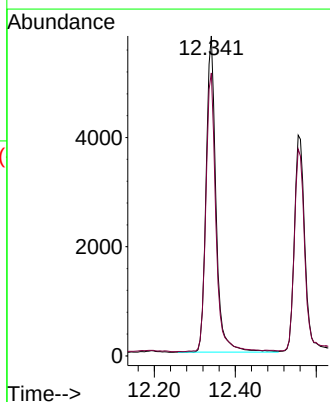
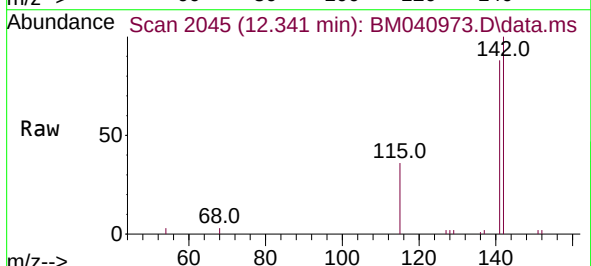
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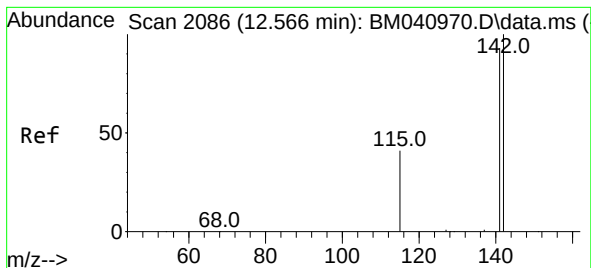
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.530 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

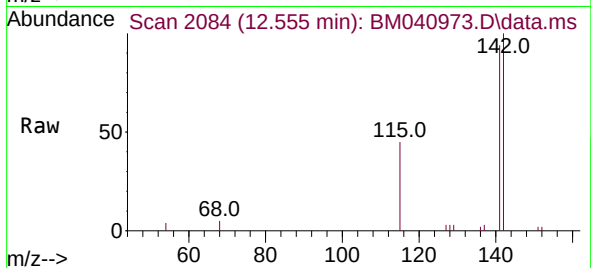
Tgt Ion:142 Resp: 9763
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8





#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.555 min Scan# 2084
Delta R.T. -0.011 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

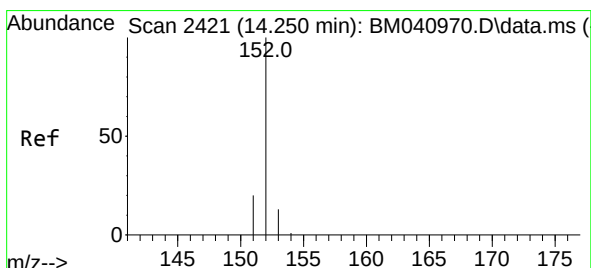
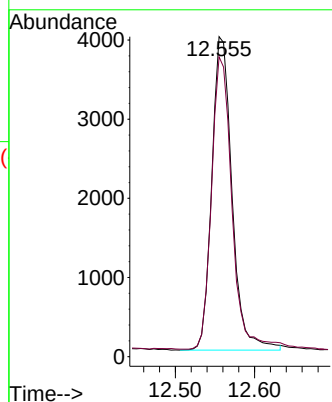
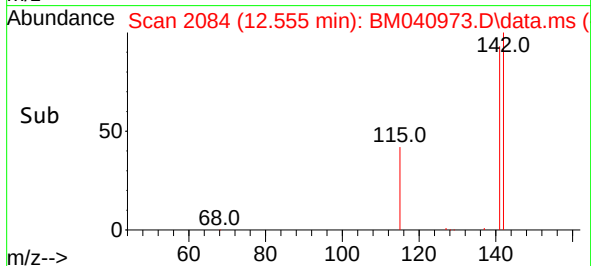
Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion:142 Resp: 701
Ion Ratio Lower Upper
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141 93.7 73.4 110.2

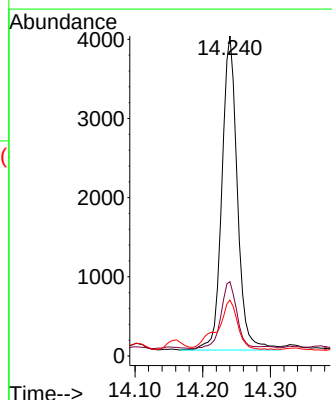
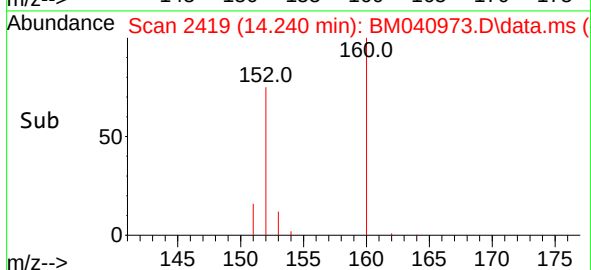
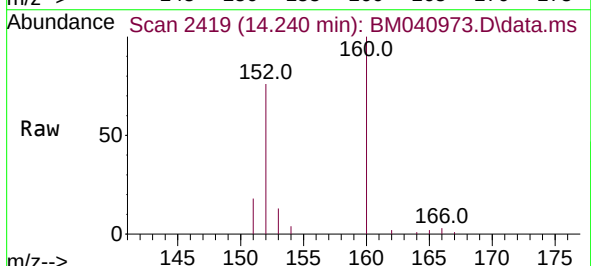
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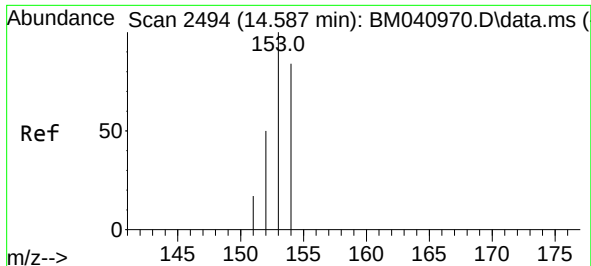
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.249 ng/ul
RT: 14.240 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

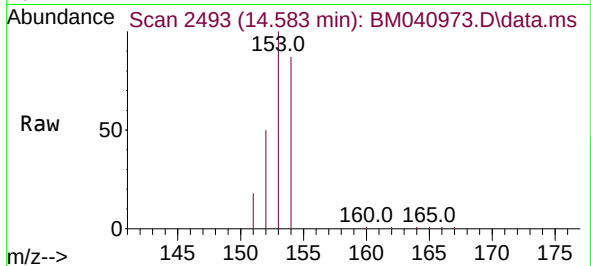
Tgt Ion:152 Resp: 6308
Ion Ratio Lower Upper
152 100
151 23.2 16.8 25.2
153 17.5 11.6 17.4#





#11
Acenaphthene
Concen: 0.886 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.005 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

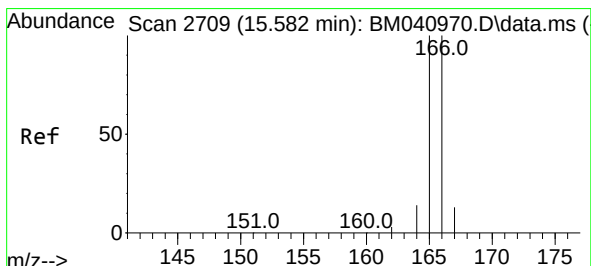
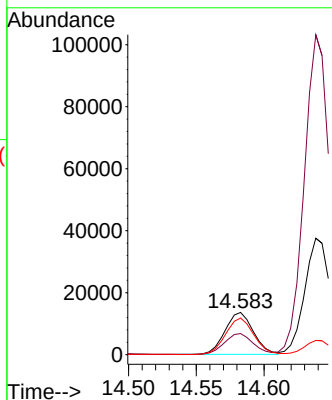
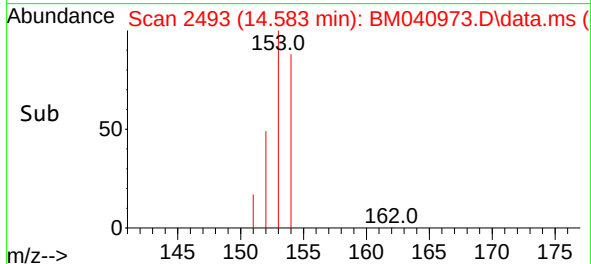
Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion:153 Resp: 1980
Ion Ratio Lower Upper
153 100
152 50.1 41.0 61.6
154 87.0 68.2 102.2

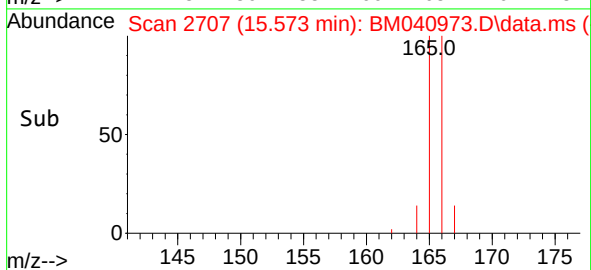
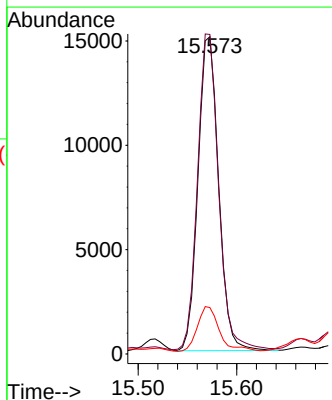
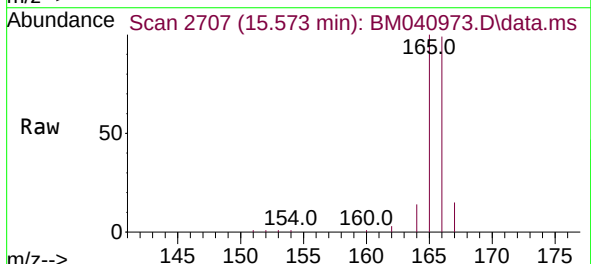
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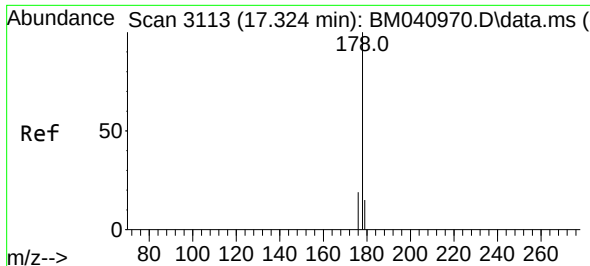
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.948 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.009 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

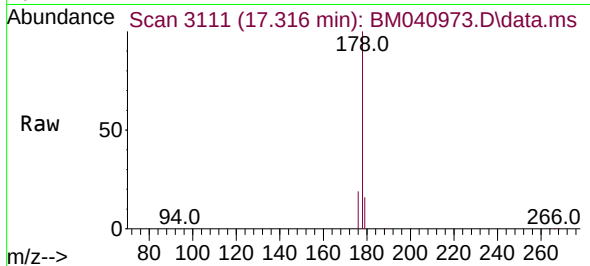
Tgt Ion:166 Resp: 21929
Ion Ratio Lower Upper
166 100
165 100.7 80.3 120.5
167 14.6 11.7 17.5





#15
Phenanthrene
Concen: 5.533 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

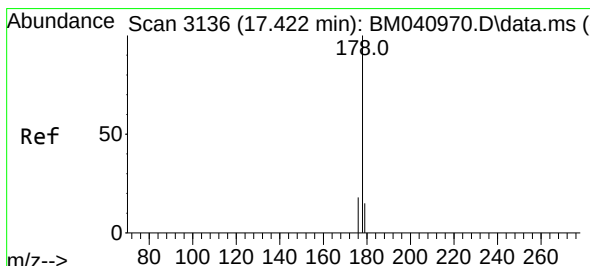
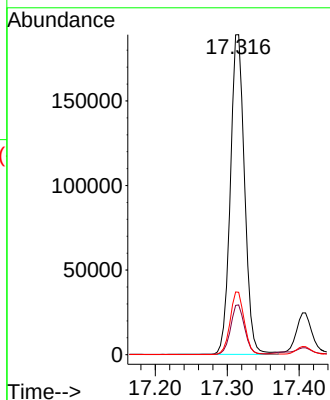
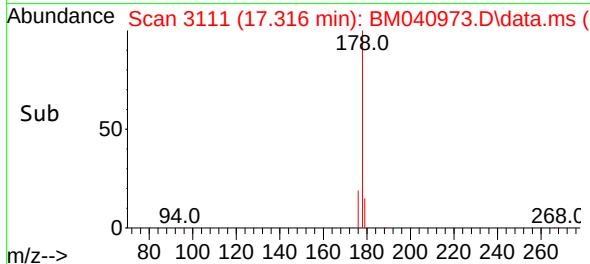
Instrument :
BNA_M
ClientSampleId :
A46M8RE



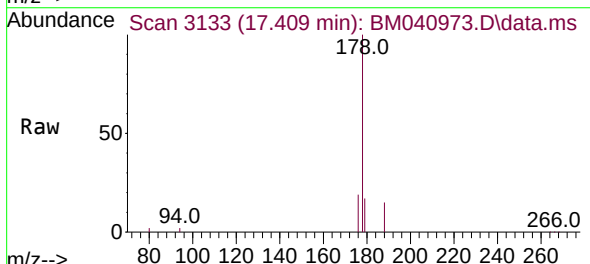
Tgt Ion:178 Resp: 258982
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.5 16.2 24.4

Manual Integrations
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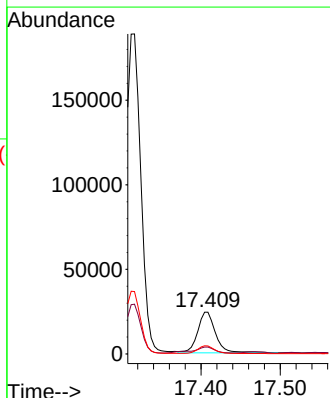
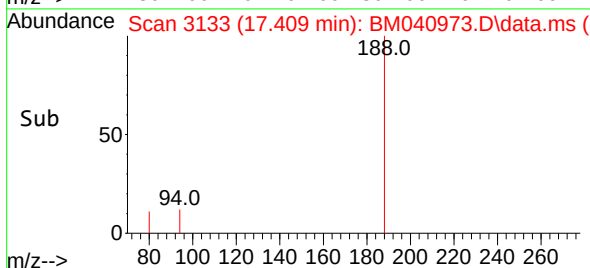
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

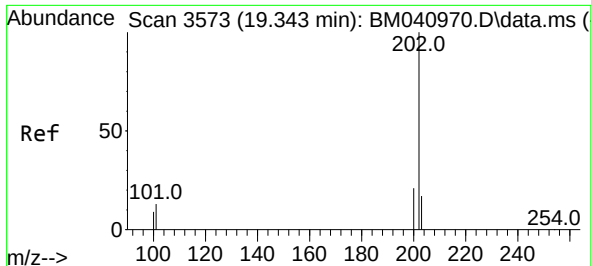


#16
Anthracene
Concen: 1.043 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.013 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53



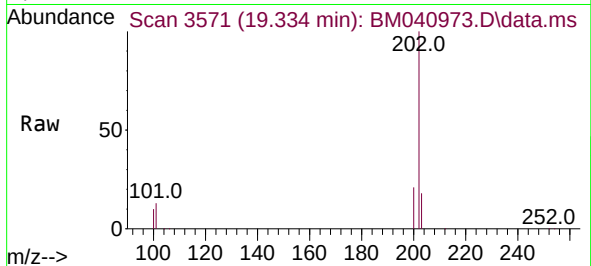
Tgt Ion:178 Resp: 38044
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 19.1 16.4 24.6





#19
Fluoranthene
Concen: 4.771 ng/ul
RT: 19.334 min Scan# 3571
Delta R.T. -0.009 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

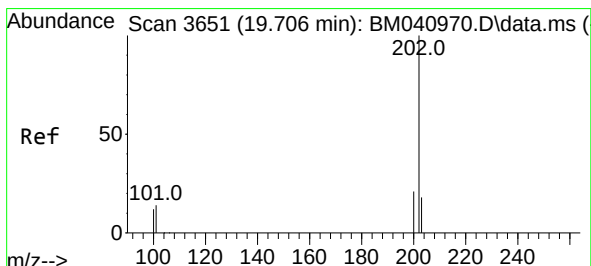
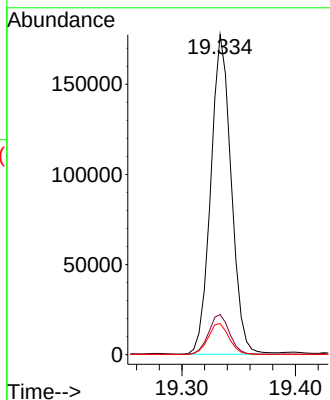
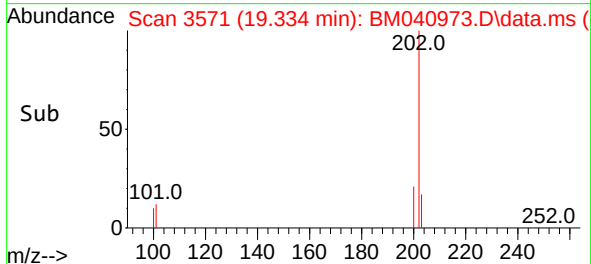
Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion:202 Resp: 221829
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.4
100 9.7 8.3 12.5

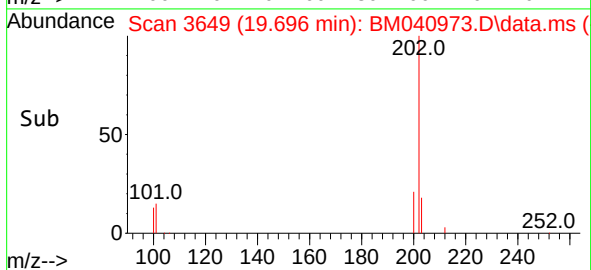
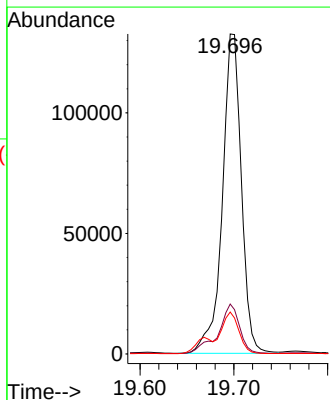
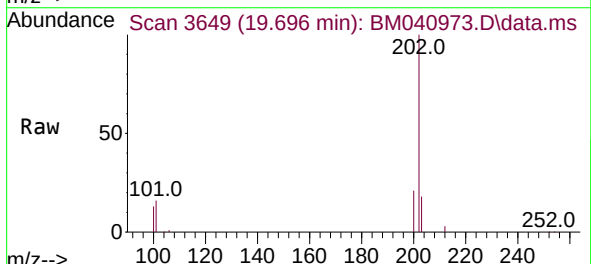
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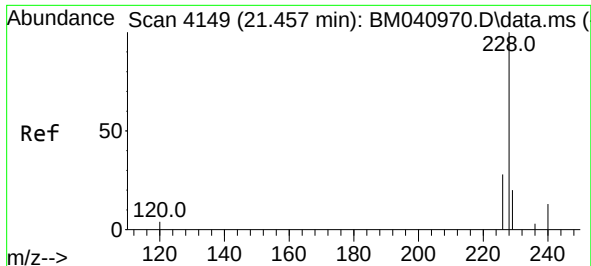
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#20
Pyrene
Concen: 3.925 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

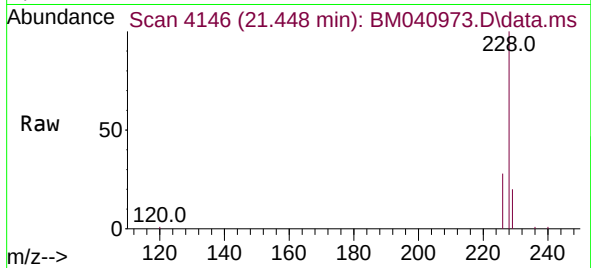
Tgt Ion:202 Resp: 186456
Ion Ratio Lower Upper
202 100
101 15.6 12.5 18.7
100 13.1 10.0 15.0





#21
Benzo(a)anthracene
Concen: 3.015 ng/ul
RT: 21.448 min Scan# 4149
Delta R.T. -0.009 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

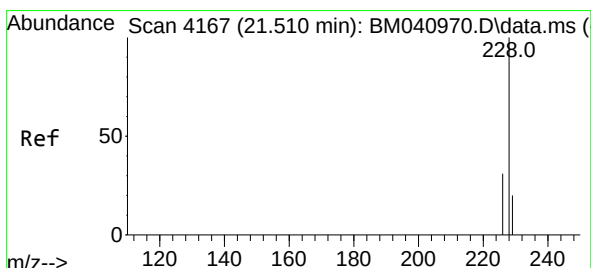
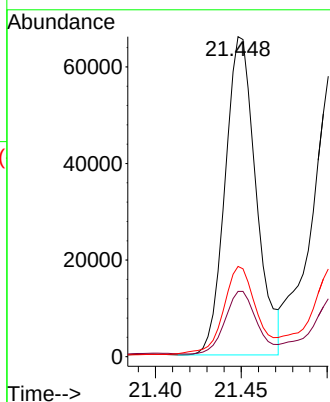
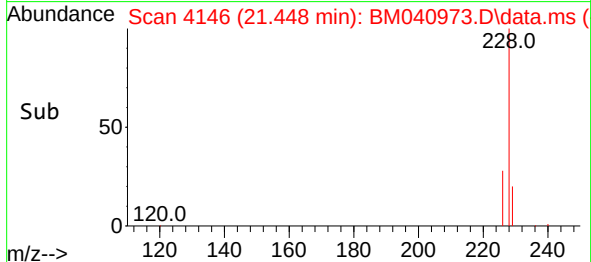
Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion:228 Resp: 82719
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.4
226 28.2 22.3 33.5

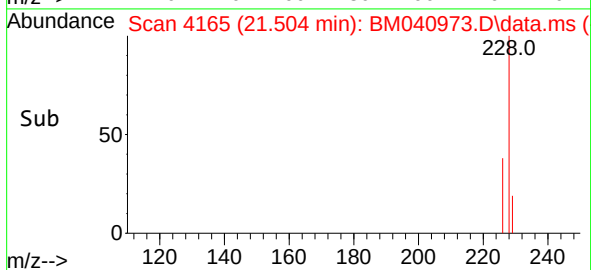
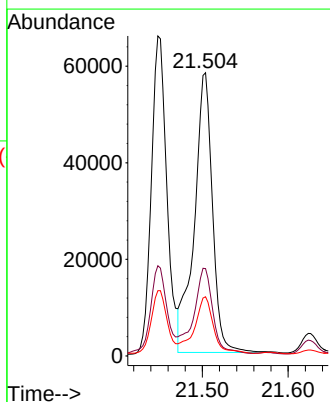
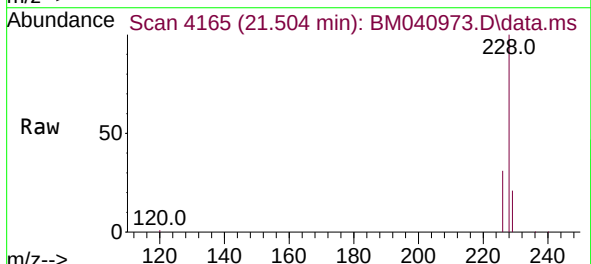
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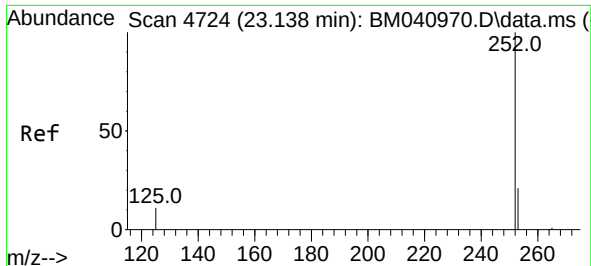
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#22
Chrysene
Concen: 2.720 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

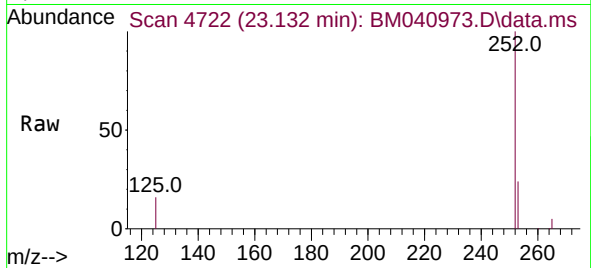
Tgt Ion:228 Resp: 85284
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 20.9 16.1 24.1





#24
Benzo(b)fluoranthene
Concen: 2.756 ng/ul
RT: 23.132 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

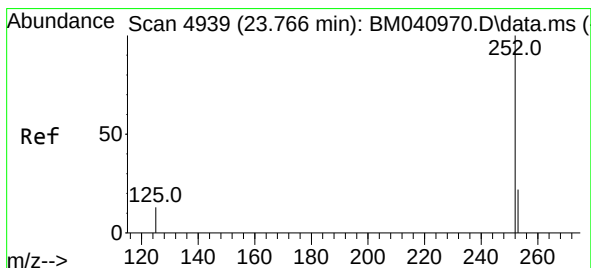
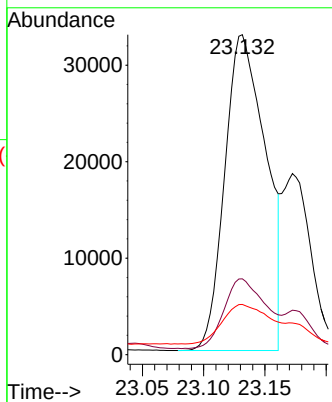
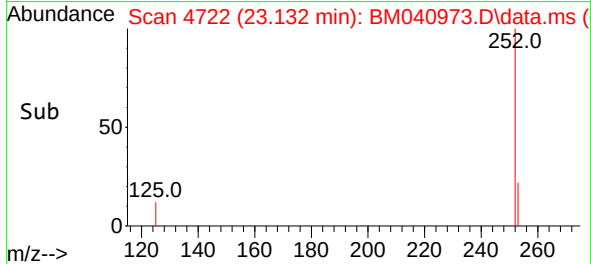
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ClientSampleId :
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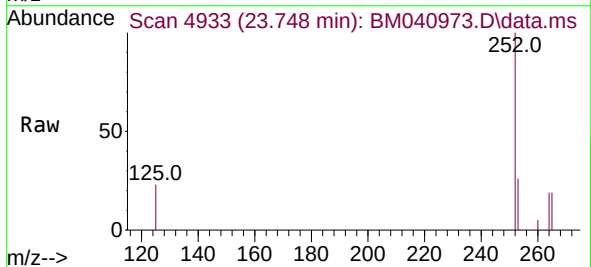
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Ion Ratio Lower Upper
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125 15.7 0.0 45.2

Manual Integrations
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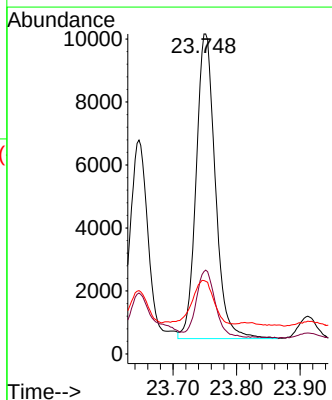
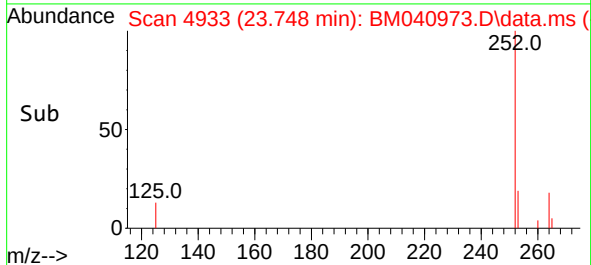
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

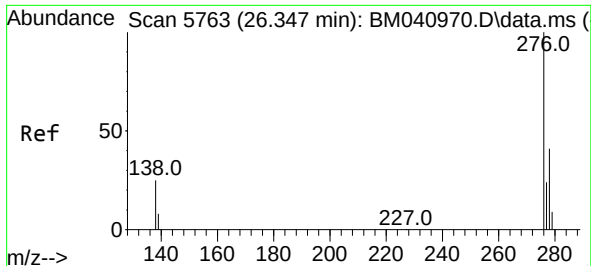


#26
Benzo(a)pyrene
Concen: 0.851 ng/ul
RT: 23.748 min Scan# 4933
Delta R.T. -0.015 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53



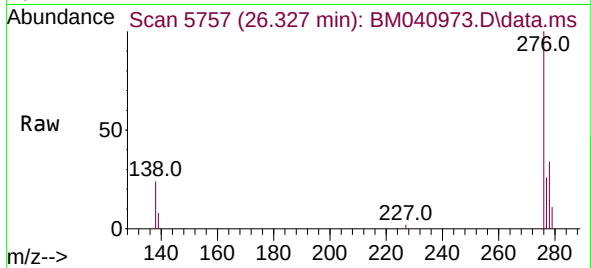
Tgt Ion:252 Resp: 20270
Ion Ratio Lower Upper
252 100
253 25.7 28.2 42.2#
125 23.0 25.2 37.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.122 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

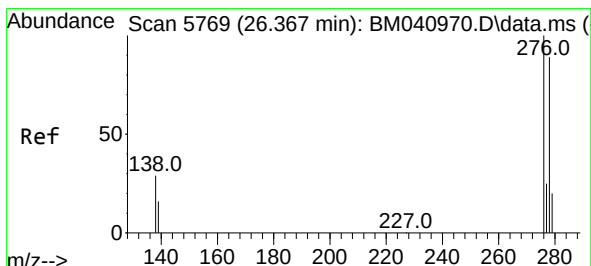
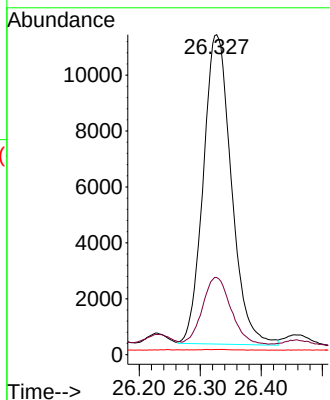
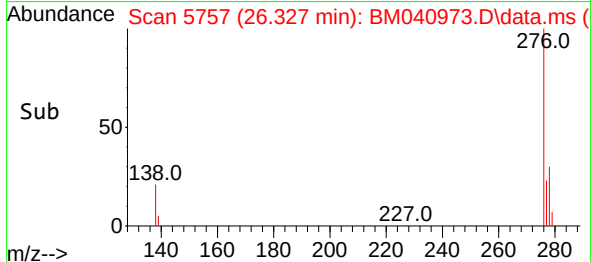
Instrument :
BNA_M
ClientSampleId :
A46M8RE



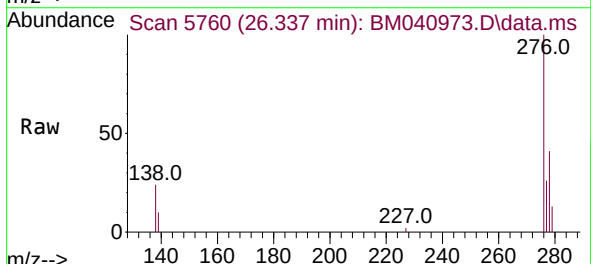
Tgt Ion:276 Resp: 35440
Ion Ratio Lower Upper
276 100
138 21.9 22.3 33.5
227 0.2 0.0 0.0

Manual Integrations
APPROVED

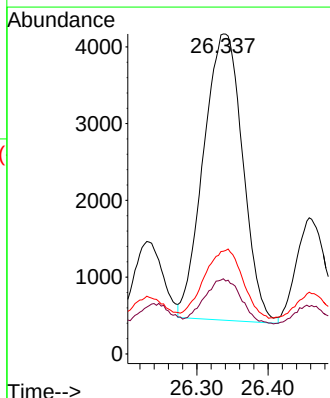
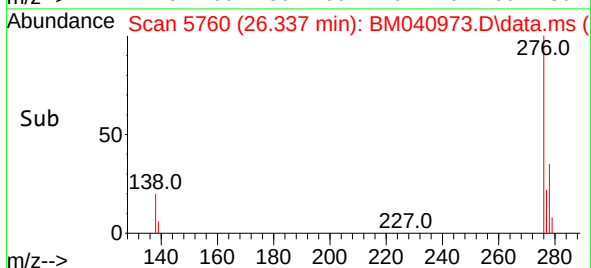
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

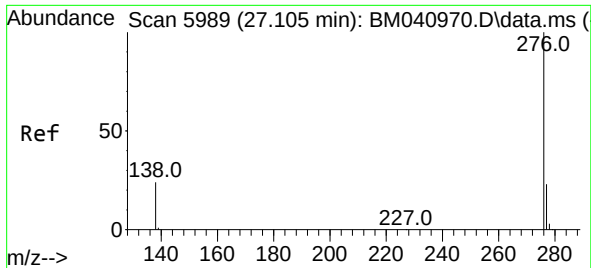


#28
Dibenzo(a,h)anthracene
Concen: 0.596 ng/ul
RT: 26.337 min Scan# 5760
Delta R.T. -0.030 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53



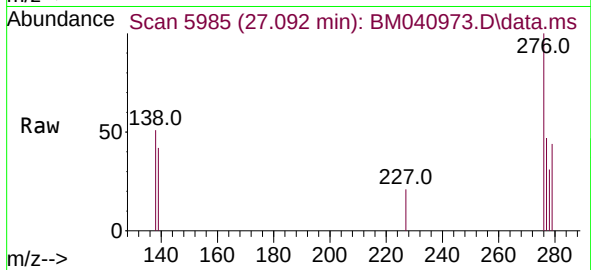
Tgt Ion:278 Resp: 14259
Ion Ratio Lower Upper
278 100
139 23.5 19.2 28.8
279 32.1 27.0 40.6





#29
Benzo(g,h,i)perylene
Concen: 0.085 ng/ul
RT: 27.092 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM040973.D
Acq: 20 Jul 2023 09:53

Instrument :
BNA_M
ClientSampleId :
A46M8RE



Tgt Ion: 276 Resp: 2484
Ion Ratio Lower Upper
276 100
138 51.4 22.6 34.0
277 46.6 21.2 31.8

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 07/20/2023
Supervised By : Sohil Jodhani 07/20/2023

