

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
 Data File : BM040978.D
 Acq On : 20 Jul 2023 12:59
 Operator : MA/JU
 Sample : 03452-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46N5

Manual Integrations
 APPROVED

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

Quant Time: Jul 20 13:49:00 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	3795	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.675	136	14210	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.518	164	8037	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	18295	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	12498	0.400	ng/ul	0.00
23) Perylene-d12	23.860	264	8988	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	7404	1.187	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	4913	0.259	ng/ul	-0.02
18) Fluoranthene-d10	19.306	212	10781	0.205	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.301	88	1145	0.174	ng/ul#	1
5) Naphthalene	10.724	128	4821	0.124	ng/ul	94
7) 2-Methylnaphthalene	12.341	142	593	0.028	ng/ul	90
10) Acenaphthylene	14.241	152	1077	0.032	ng/ul#	68
11) Acenaphthene	14.583	153	961	0.032	ng/ul	97
12) Fluorene	15.573	166	877	0.029	ng/ul#	91
15) Phenanthrene	17.316	178	15821	0.289	ng/ul	99
16) Anthracene	17.409	178	1219	0.029	ng/ul#	75
19) Fluoranthene	19.339	202	32625	0.506	ng/ul	96
20) Pyrene	19.701	202	25606	0.388	ng/ul	96
21) Benzo(a)anthracene	21.451	228	9897	0.260	ng/ul	94
22) Chrysene	21.504	228	13497	0.310	ng/ul	97
24) Benzo(b)fluoranthene	23.135	252	12710	0.368	ng/ul	91
25) Benzo(k)fluoranthene	23.173	252	5216m	0.159	ng/ul	
26) Benzo(a)pyrene	23.755	252	1342	0.045	ng/ul#	6
27) Indeno(1,2,3-cd)pyrene	26.334	276	3945	0.100	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.351	278	1157	0.039	ng/ul#	24

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

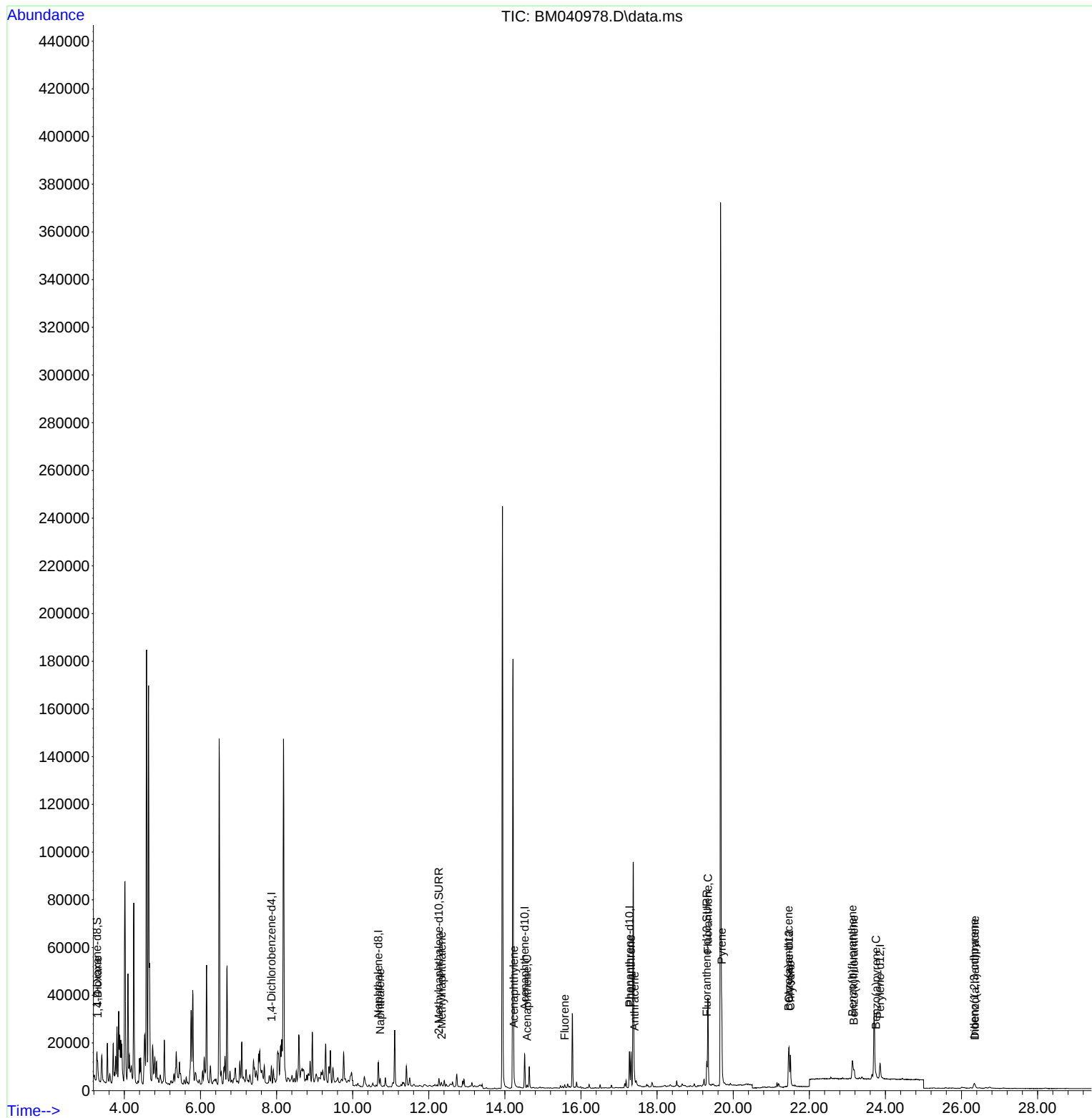
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072023\
Data File : BM040978.D
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Sample : 03452-08
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ALS Vial : 10 Sample Multiplier: 1

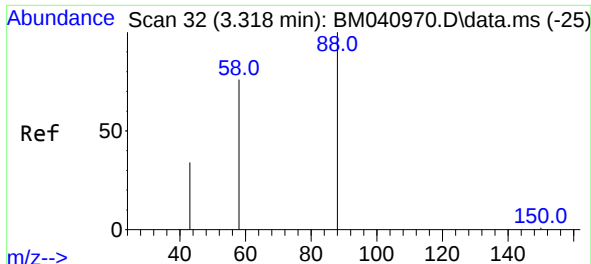
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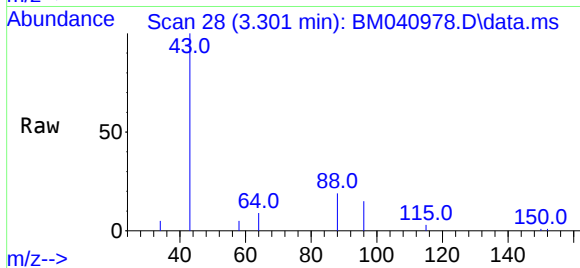
Quant Time: Jul 20 13:49:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 05:08:42 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.174 ng/ul
RT: 3.301 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

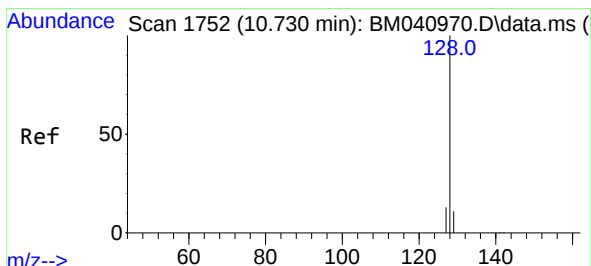
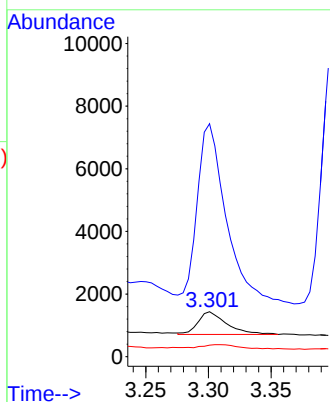
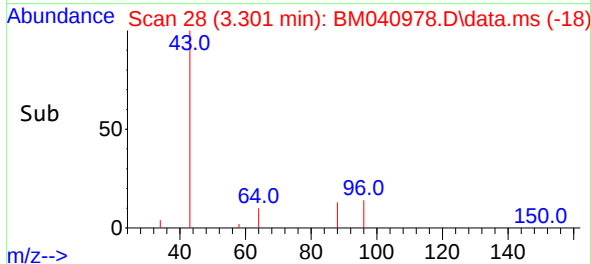
Instrument :
BNA_M
ClientSampleId :
A46N5



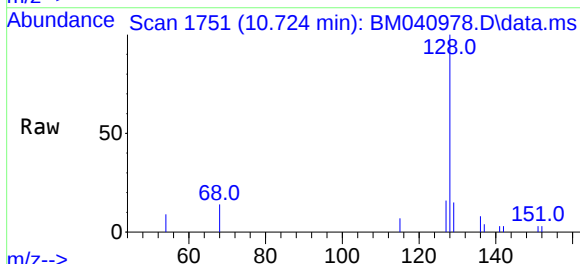
Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 517.3 46.7 70.1
58 25.5 40.3 60.5

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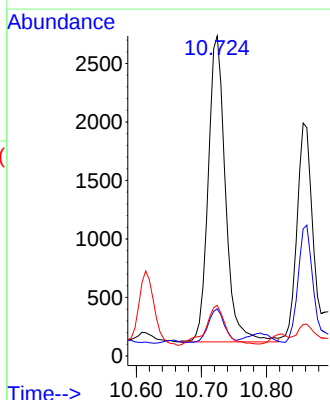
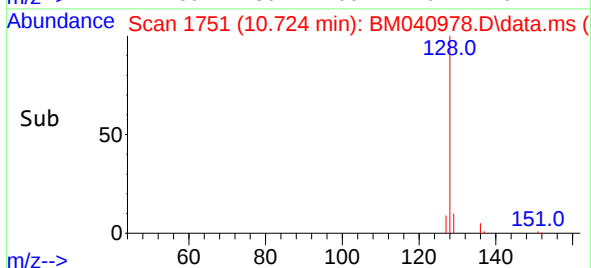
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

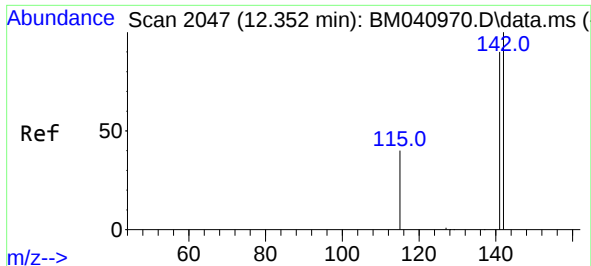


#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.724 min Scan# 1751
Delta R.T. -0.005 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59



Tgt Ion:128 Resp: 4821
Ion Ratio Lower Upper
128 100
129 14.7 9.8 14.8
127 15.8 11.0 16.4





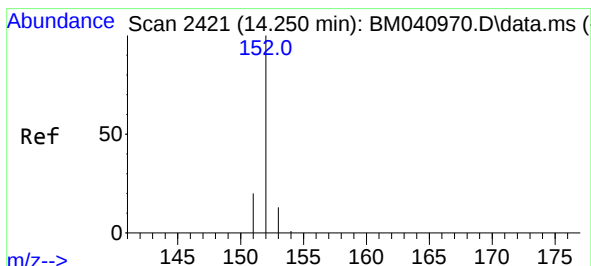
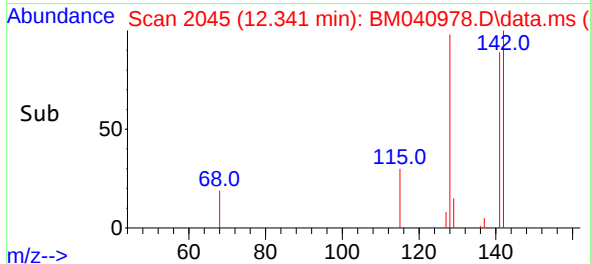
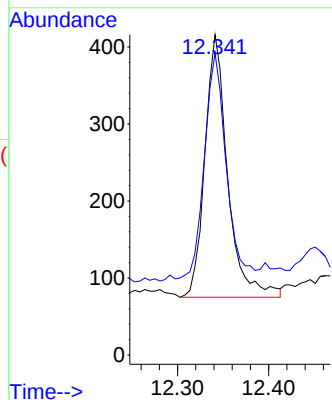
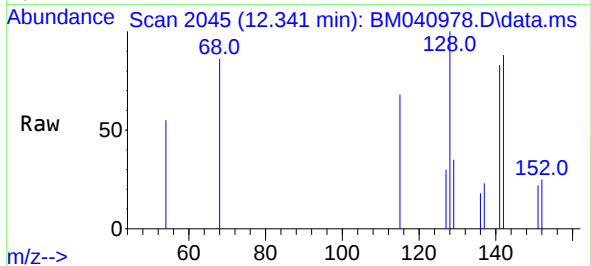
#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.341 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

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ClientSampleId :
A46N5

Tgt Ion:142 Resp: 598
Ion Ratio Lower Upper
142 100
141 82.1 73.2 109.8

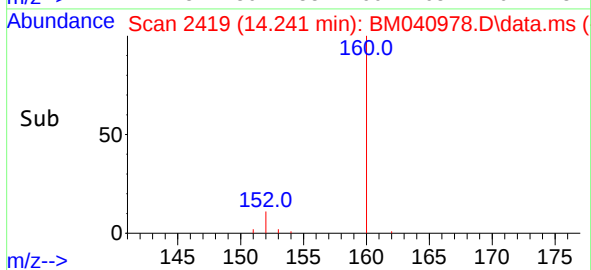
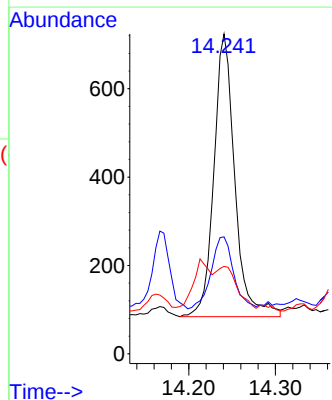
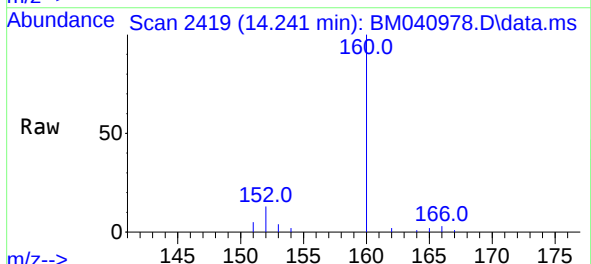
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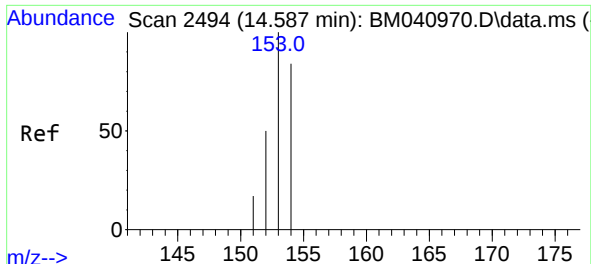
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.241 min Scan# 2419
Delta R.T. -0.009 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

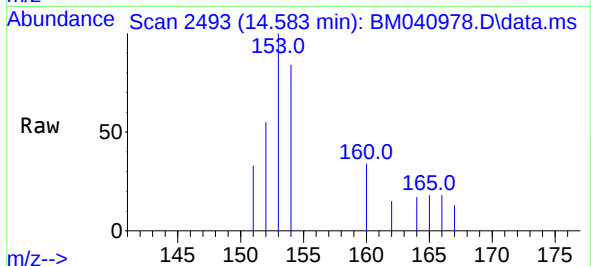
Tgt Ion:152 Resp: 1077
Ion Ratio Lower Upper
152 100
151 36.6 16.8 25.2#
153 27.3 11.6 17.4#





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.583 min Scan# 2493
Delta R.T. -0.004 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

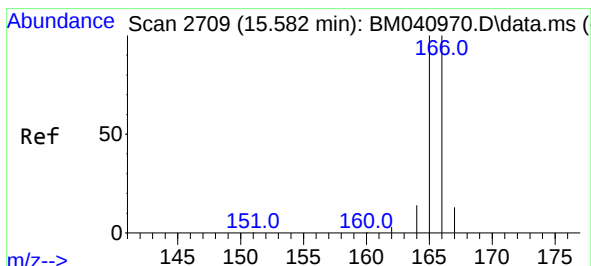
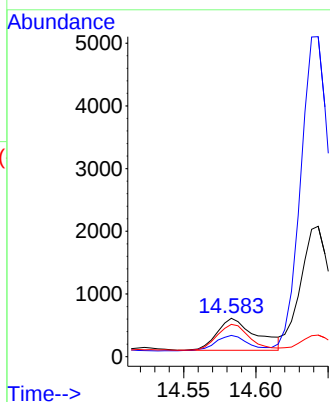
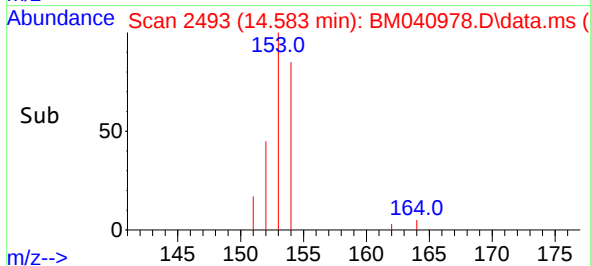
Instrument :
BNA_M
ClientSampleId :
A46N5



Tgt Ion:153 Resp: 961
Ion Ratio Lower Upper
153 100
152 55.4 41.0 61.6
154 84.2 68.2 102.2

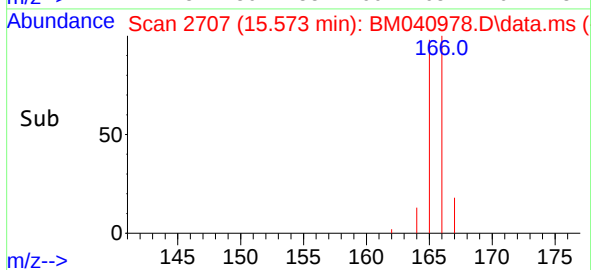
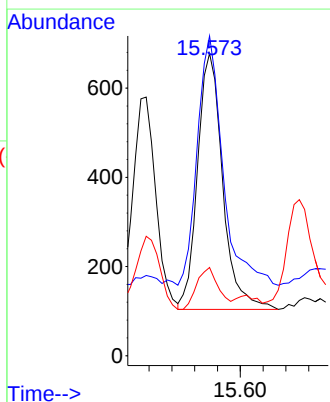
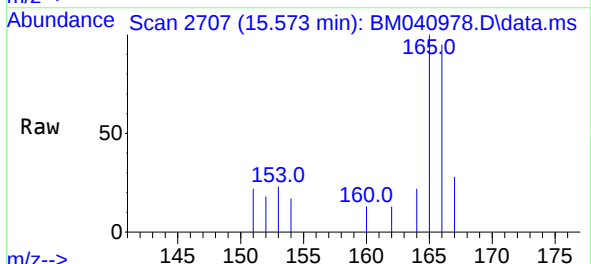
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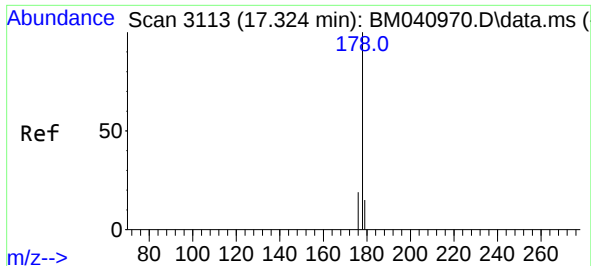
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.573 min Scan# 2707
Delta R.T. -0.009 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

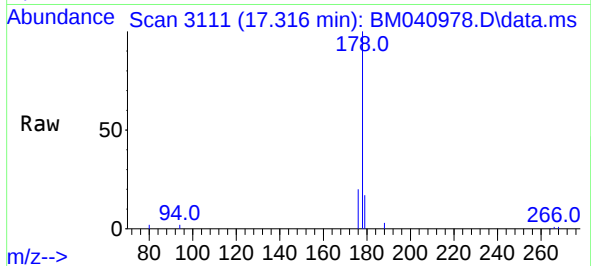
Tgt Ion:166 Resp: 877
Ion Ratio Lower Upper
166 100
165 105.8 80.3 120.5
167 29.2 11.7 17.5#





#15
Phenanthrene
Concen: 0.289 ng/ul
RT: 17.316 min Scan# 3111
Delta R.T. -0.008 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

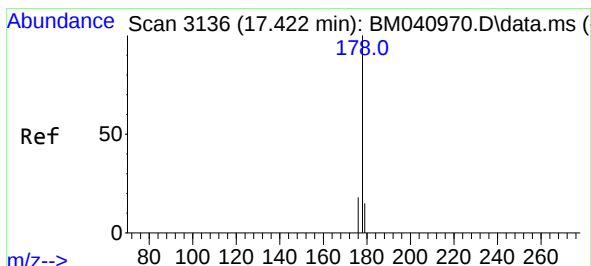
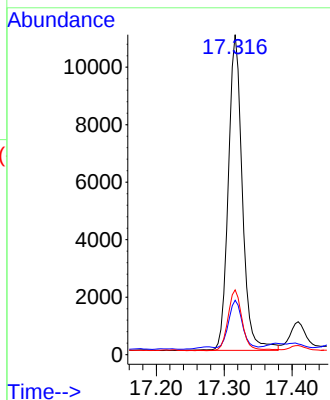
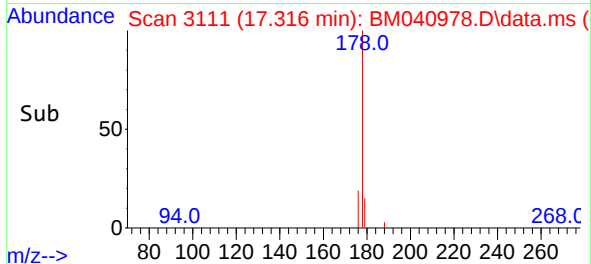
Instrument :
BNA_M
ClientSampleId :
A46N5



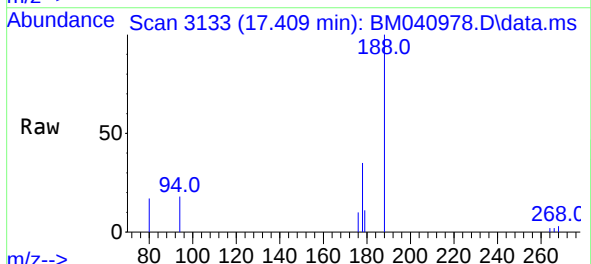
Tgt Ion:178 Resp: 1582
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.6
176 20.3 16.2 24.4

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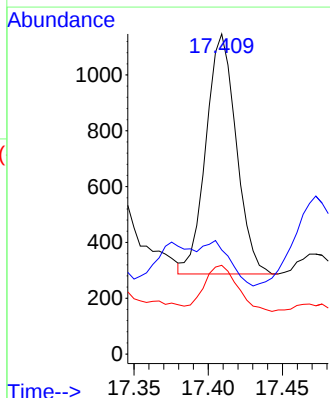
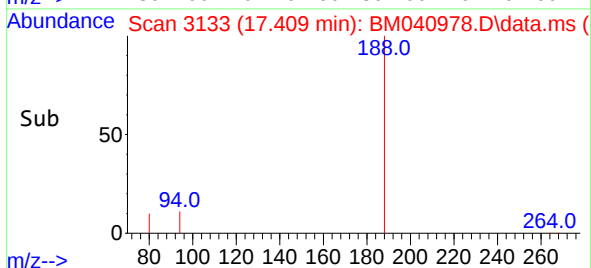
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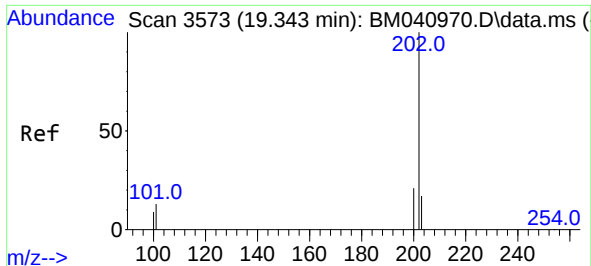


#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59



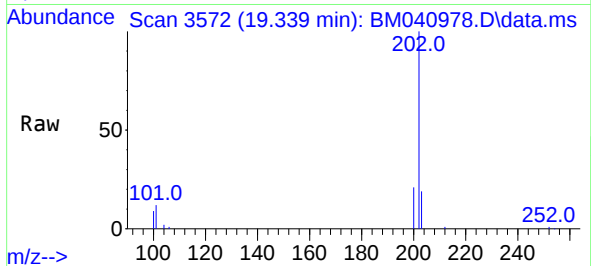
Tgt Ion:178 Resp: 1219
Ion Ratio Lower Upper
178 100
179 32.5 13.7 20.5#
176 27.7 16.4 24.6#





#19
Fluoranthene
Concen: 0.506 ng/u1
RT: 19.339 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

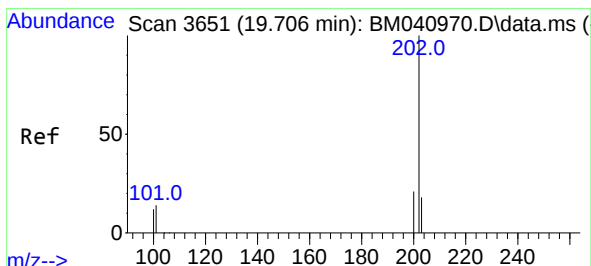
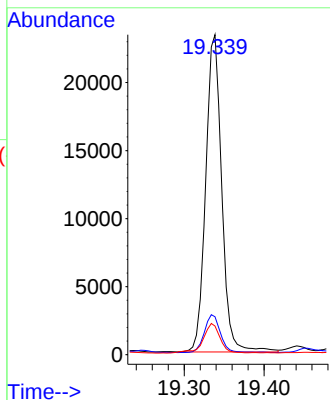
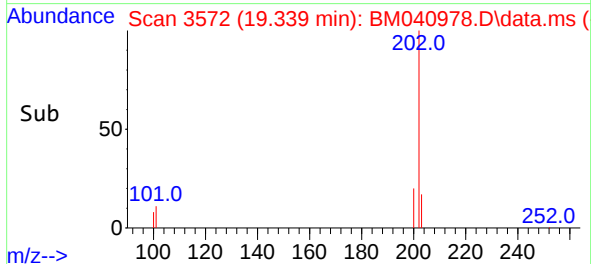
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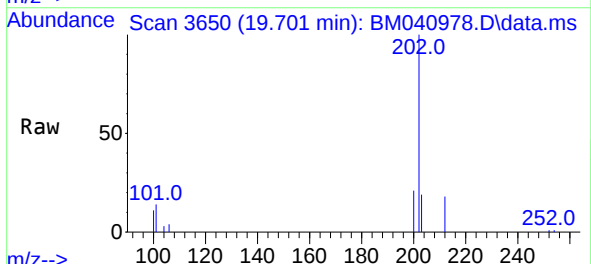
Tgt Ion:202 Resp: 3262
Ion Ratio Lower Upper
202 100
101 11.9 11.0 16.4
100 8.9 8.3 12.5

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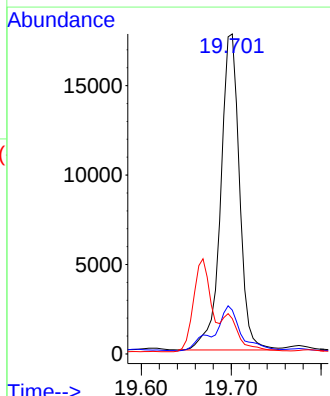
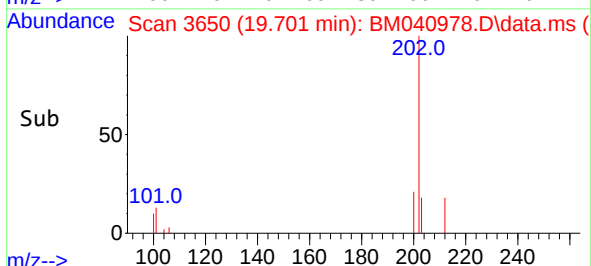
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

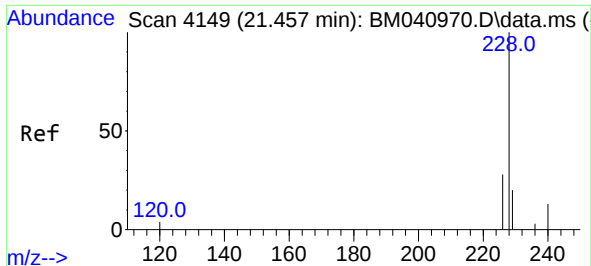


#20
Pyrene
Concen: 0.388 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59



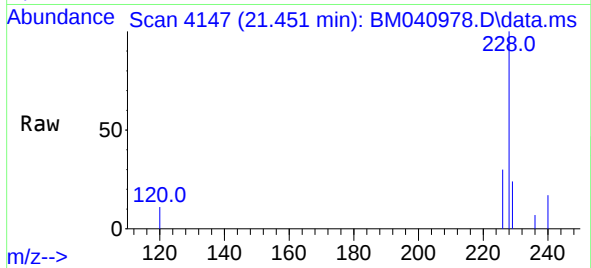
Tgt Ion:202 Resp: 25606
Ion Ratio Lower Upper
202 100
101 13.7 12.5 18.7
100 11.1 10.0 15.0





#21
Benzo(a)anthracene
Concen: 0.260 ng/ul
RT: 21.451 min Scan# 4149
Delta R.T. -0.006 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

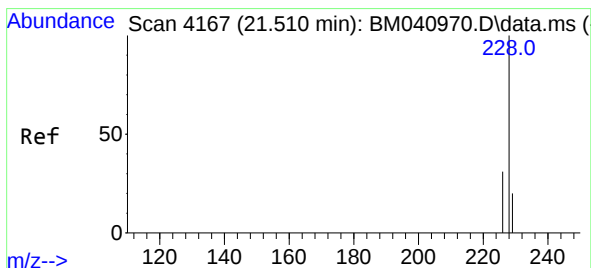
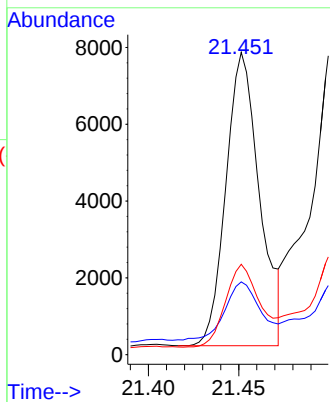
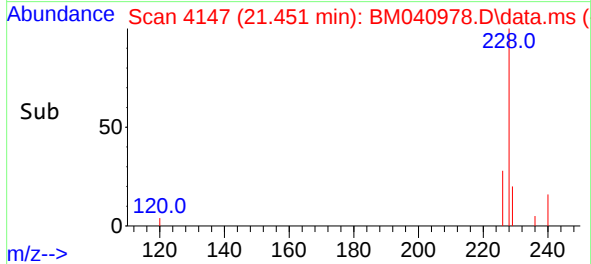
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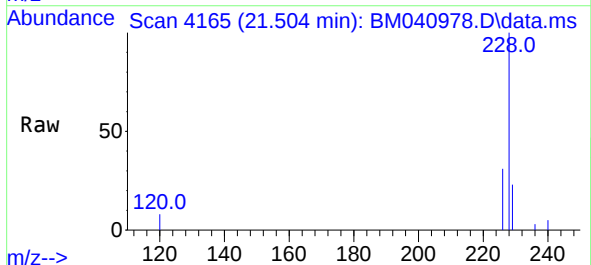
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Ion Ratio Lower Upper
228 100
229 24.1 16.2 24.4
226 29.9 22.3 33.5

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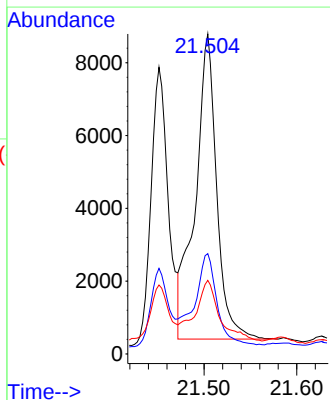
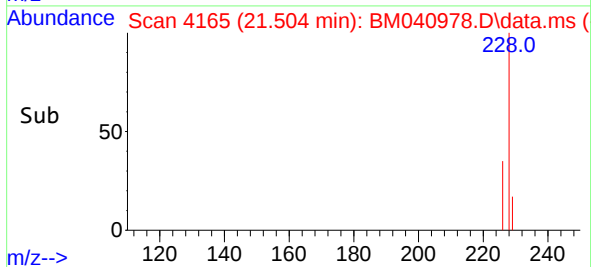
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

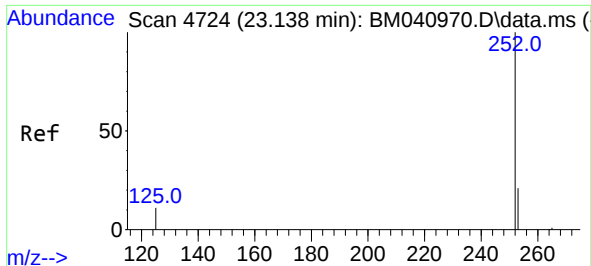


#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.003 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59



Tgt Ion:228 Resp: 13497
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 23.0 16.1 24.1





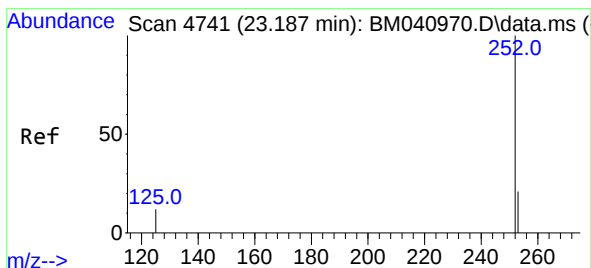
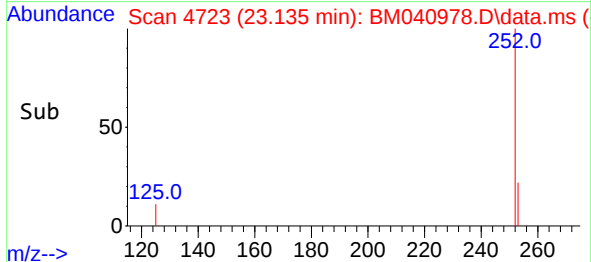
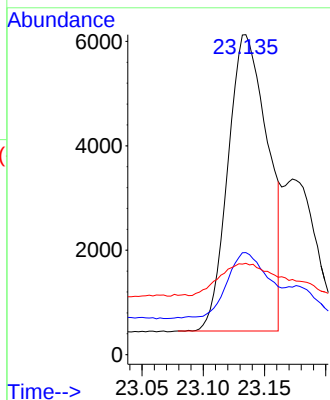
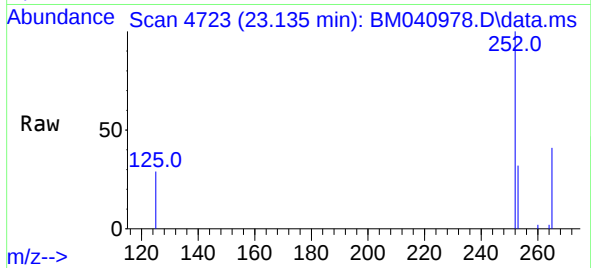
#24
Benzo(b)fluoranthene
Concen: 0.368 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. 0.000 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

Instrument :
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ClientSampleId :
A46N5

Tgt Ion:252 Resp: 12710
Ion Ratio Lower Upper
252 100
253 31.9 0.0 57.4
125 28.5 0.0 45.2

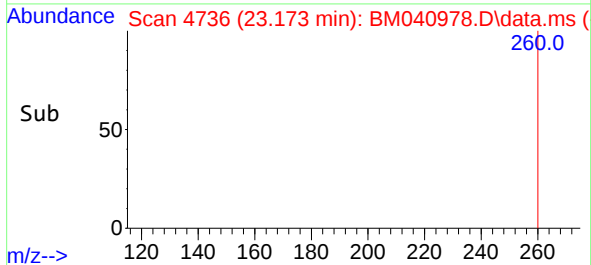
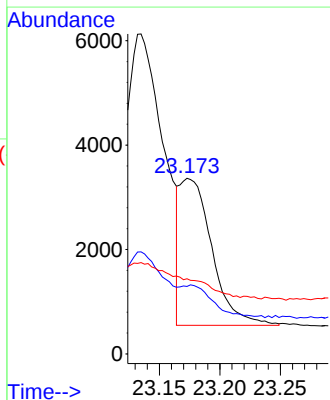
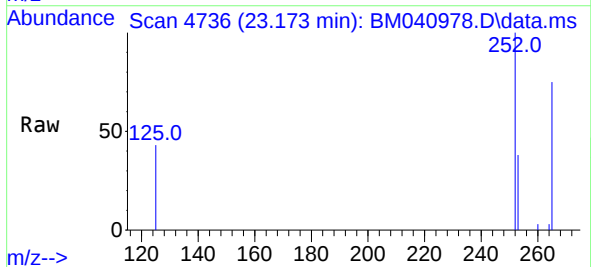
Manual Integrations
APPROVED

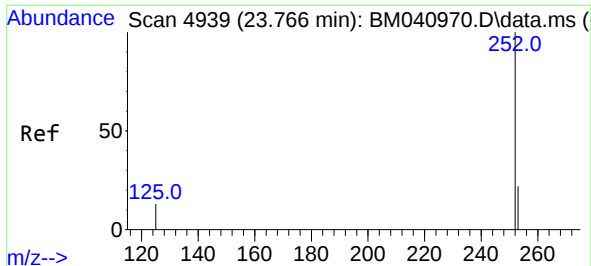
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 23.173 min Scan# 4736
Delta R.T. -0.014 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

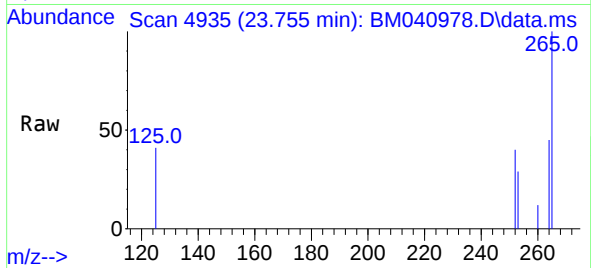
Tgt Ion:252 Resp: 5216
Ion Ratio Lower Upper
252 100
253 38.5 23.3 34.9#
125 42.8 18.2 27.2#





#26
Benzo(a)pyrene
Concen: 0.045 ng/ul
RT: 23.755 min Scan# 4935
Delta R.T. -0.008 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59

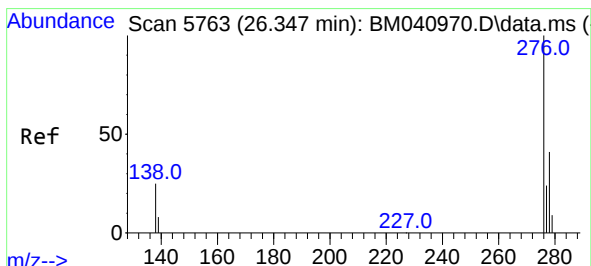
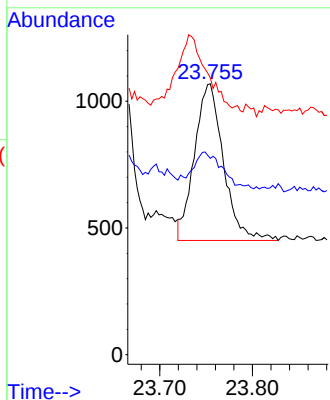
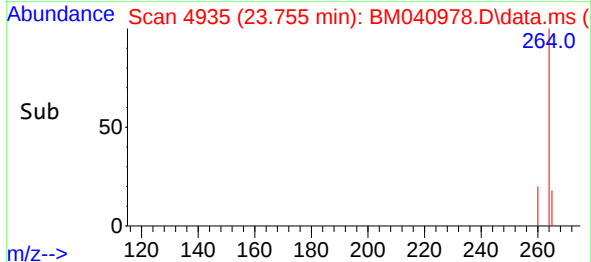
Instrument :
BNA_M
ClientSampleId :
A46N5



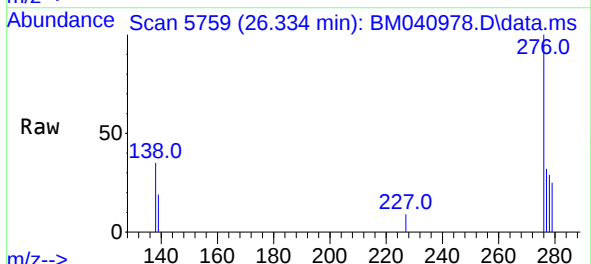
Tgt Ion:252 Resp: 1342
Ion Ratio Lower Upper
252 100
253 72.5 28.2 42.2#
125 102.2 25.2 37.8#

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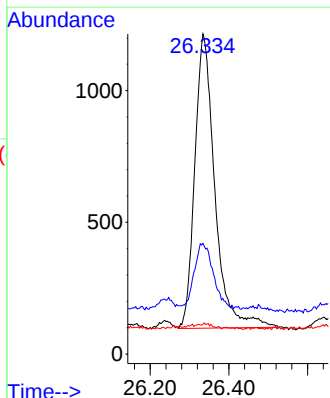
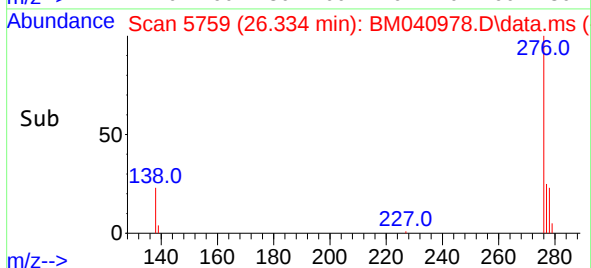
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

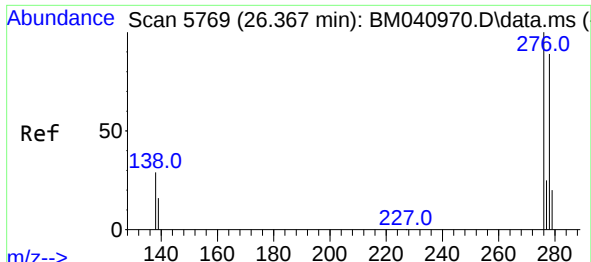


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.016 min
Lab File: BM040978.D
Acq: 20 Jul 2023 12:59



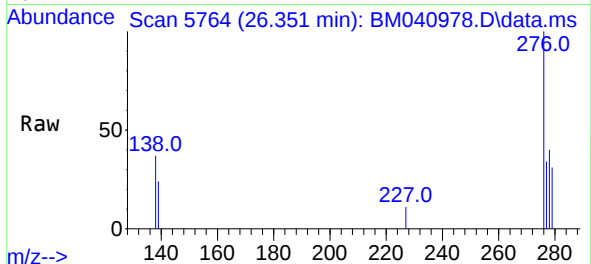
Tgt Ion:276 Resp: 3945
Ion Ratio Lower Upper
276 100
138 20.4 22.3 33.5#
227 0.8 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.039 ng/ul
 RT: 26.351 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: BM040978.D
 Acq: 20 Jul 2023 12:59

Instrument :
 BNA_M
 ClientSampleId :
 A46N5



Tgt Ion:278 Resp: 115
 Ion Ratio Lower Upper
 278 100
 139 60.4 19.2 28.8
 279 78.4 27.0 40.6

Manual Integrations
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 Supervised By :Sohil Jodhani 07/20/2023

