

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040452.D
 Acq On : 30 Jun 2023 00:12
 Operator : MA/JU
 Sample : 03161-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 03:08:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	5634	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	20821	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	9923	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	20357	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	14151	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	13058	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	18531	2.094	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4044	0.139	ng/ul	-0.01
18) Fluoranthene-d10	19.356	212	6674	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.800	128	1778	0.031	ng/ul#	74
7) 2-Methylnaphthalene	12.411	142	1014	0.030	ng/ul	95
8) 1-Methylnaphthalene	12.631	142	688	0.020	ng/ul	89
10) Acenaphthylene	14.304	152	2402	0.054	ng/ul#	85
15) Phenanthrene	17.370	178	9539	0.151	ng/ul	97
16) Anthracene	17.463	178	2272	0.043	ng/ul#	81
19) Fluoranthene	19.384	202	27729	0.461	ng/ul	98
20) Pyrene	19.747	202	23611m	0.366	ng/ul	
21) Benzo(a)anthracene	21.494	228	14416	0.301	ng/ul	95
22) Chrysene	21.547	228	19302	0.354	ng/ul	96
24) Benzo(b)fluoranthene	23.187	252	28580	0.566	ng/ul	93
25) Benzo(k)fluoranthene	23.231	252	9103m	0.183	ng/ul	
26) Benzo(a)pyrene	23.812	252	15305	0.336	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.427	276	15121	0.239	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.437	278	3493	0.070	ng/ul#	46
29) Benzo(g,h,i)perylene	27.202	276	14334	0.258	ng/ul	95

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

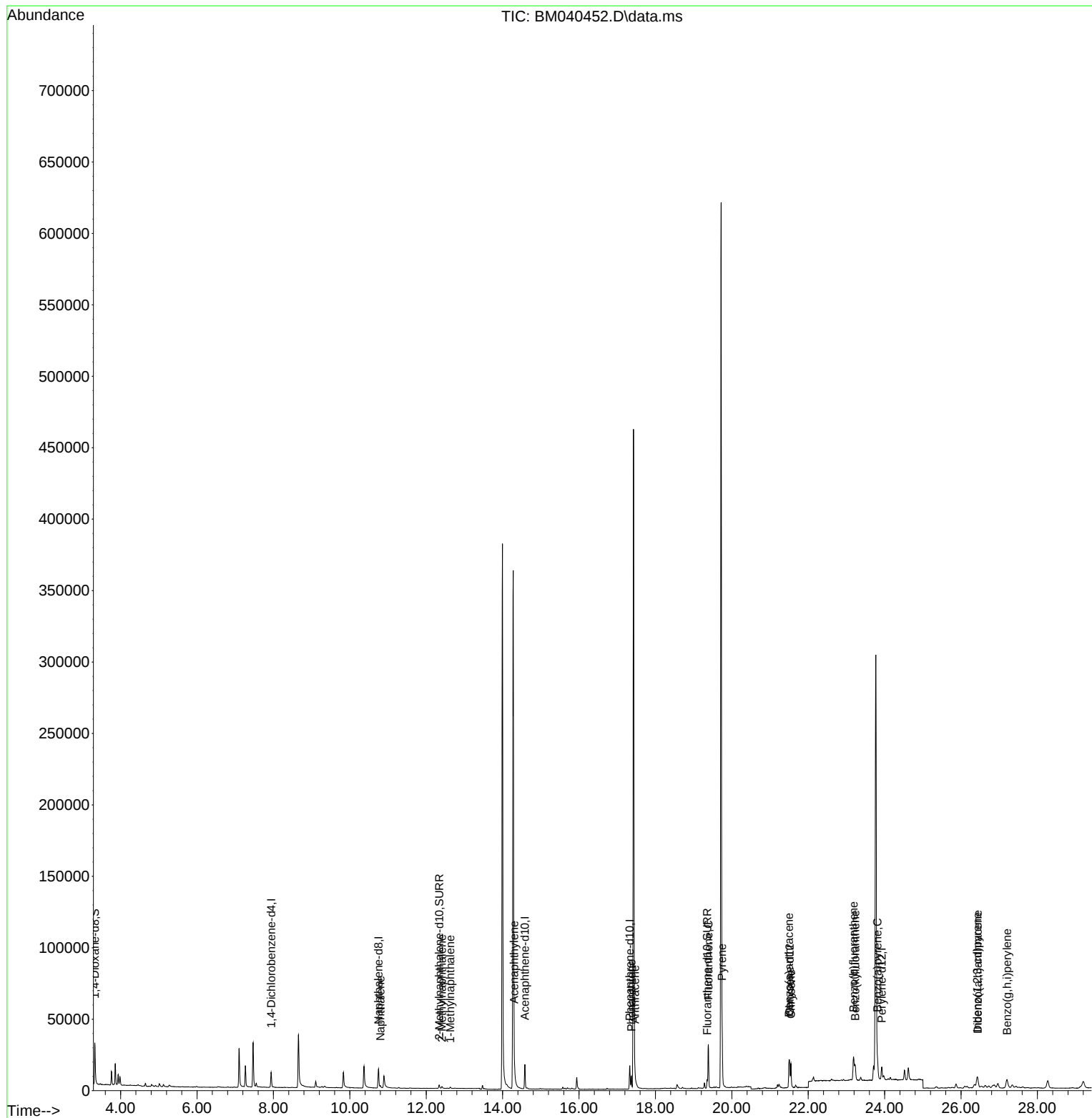
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040452.D
Acq On : 30 Jun 2023 00:12
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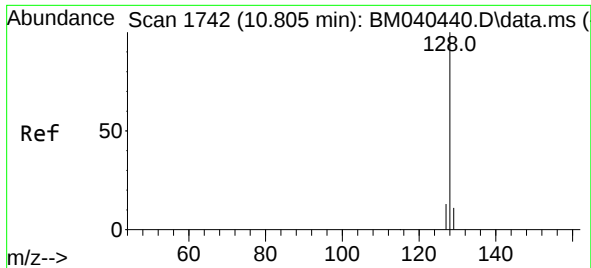
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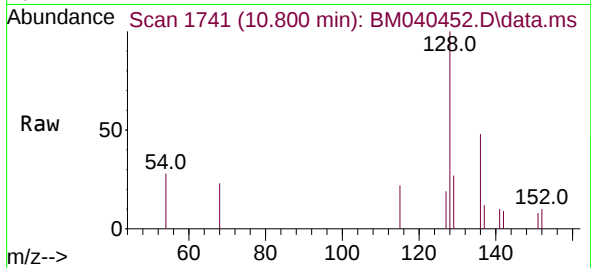
Quant Time: Jun 30 03:08:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.800 min Scan# 1742
Delta R.T. -0.011 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

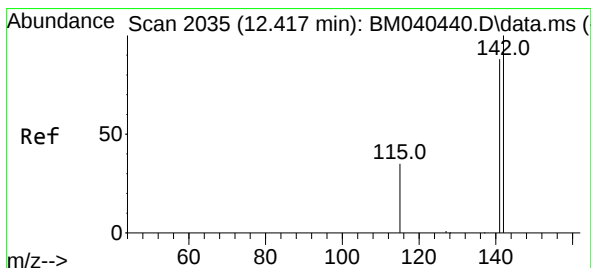
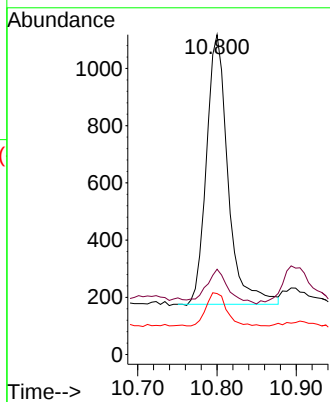
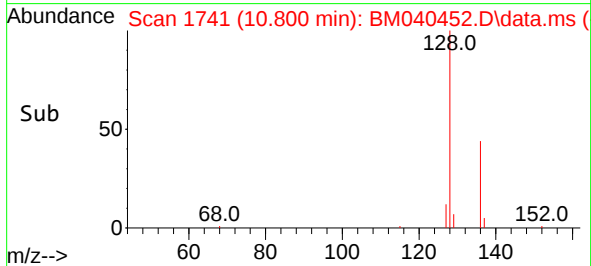
Instrument :
BNA_M
ClientSampleId :
DCFX1



Tgt Ion:128 Resp: 1778
Ion Ratio Lower Upper
128 100
129 26.7 9.2 13.8
127 19.1 10.6 15.8

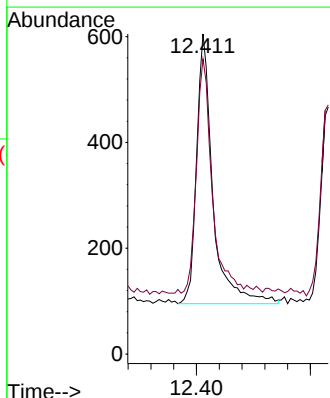
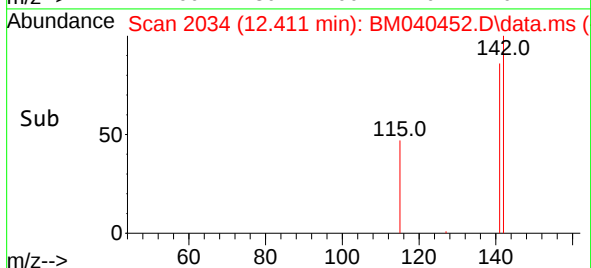
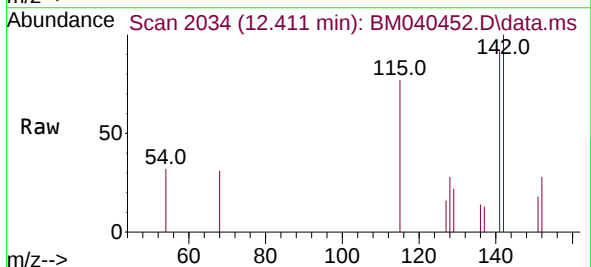
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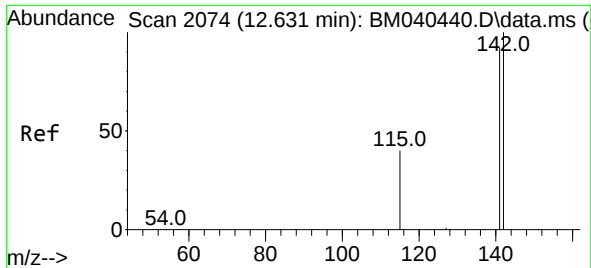
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

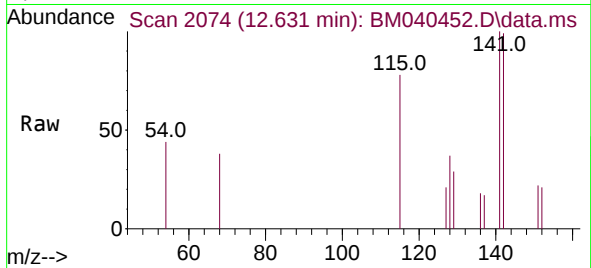
Tgt Ion:142 Resp: 1014
Ion Ratio Lower Upper
142 100
141 84.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.631 min Scan# 2074
Delta R.T. -0.011 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

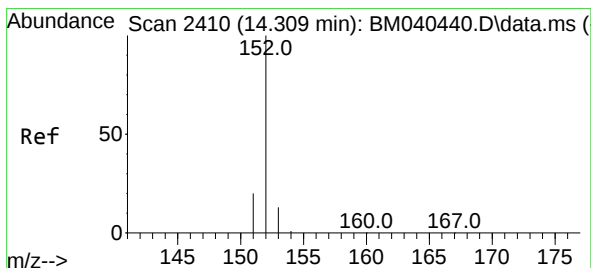
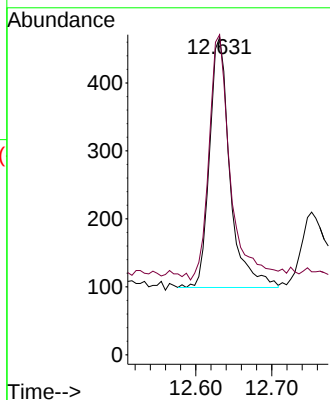
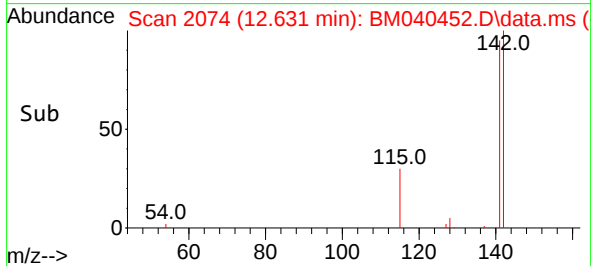
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 688
Ion Ratio Lower Upper
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141 102.3 73.7 110.5

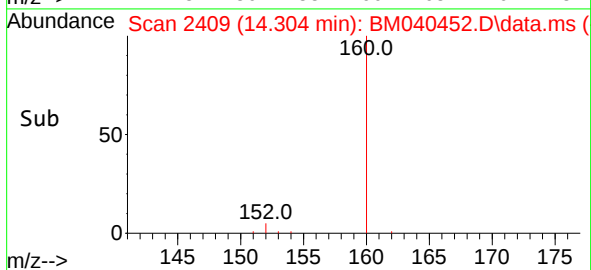
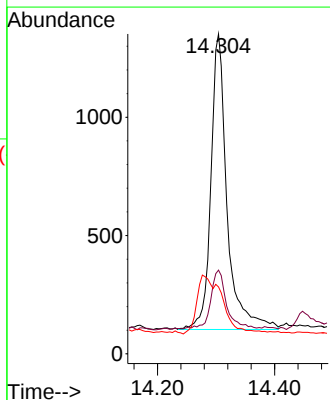
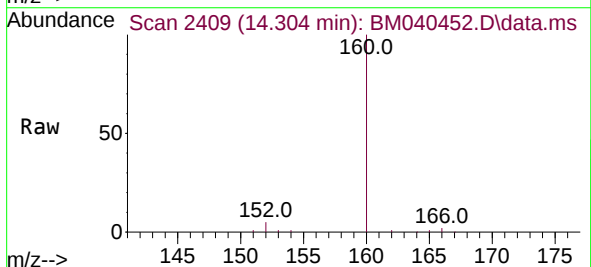
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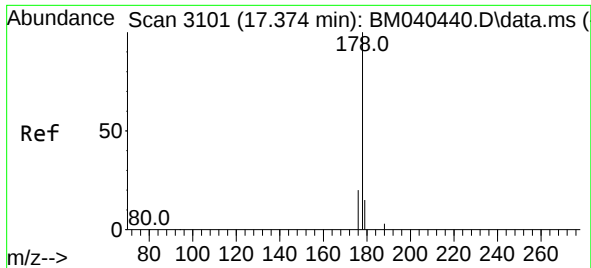
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.054 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

Tgt Ion:152 Resp: 2402
Ion Ratio Lower Upper
152 100
151 26.2 16.2 24.2#
153 20.9 10.9 16.3#





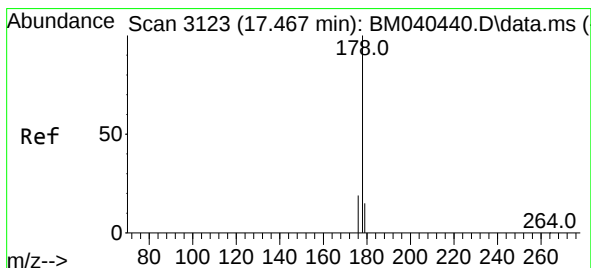
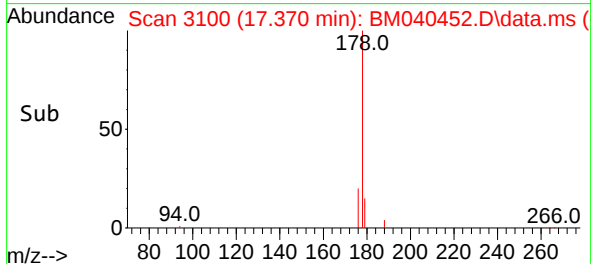
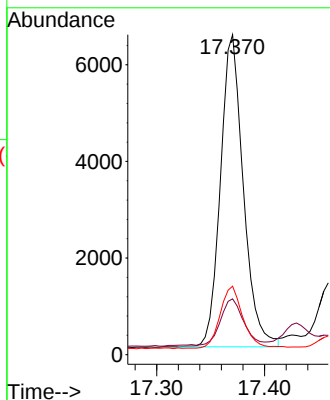
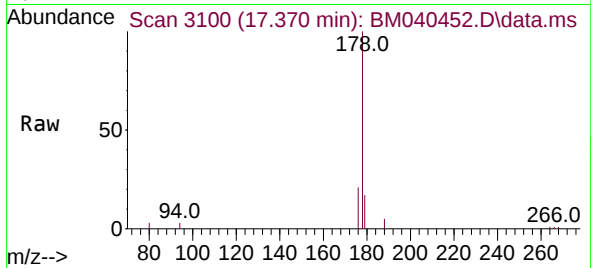
#15
Phenanthrene
Concen: 0.151 ng/ul
RT: 17.370 min Scan# 3101
Delta R.T. -0.008 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

Instrument :
BNA_M
ClientSampleId :
DCFX1

Tgt Ion:178 Resp: 9539
Ion Ratio Lower Upper
178 100
179 17.5 12.8 19.2
176 21.4 16.4 24.6

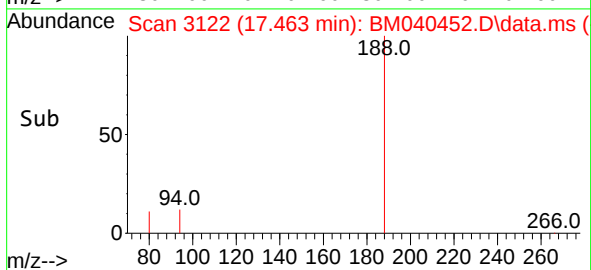
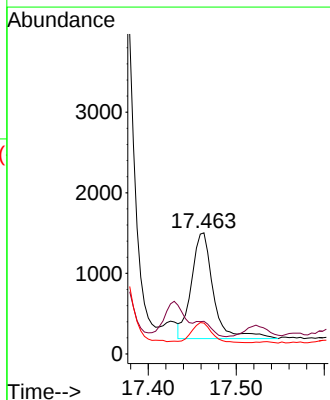
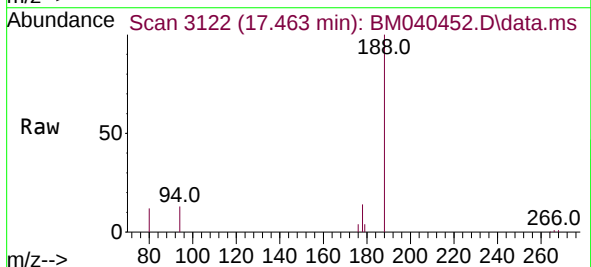
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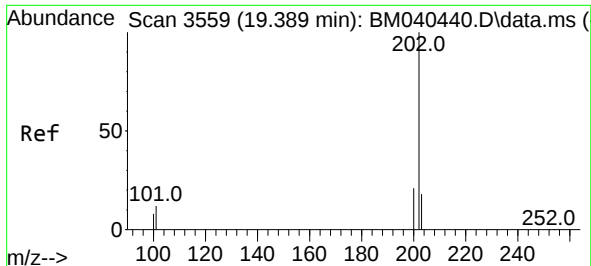
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

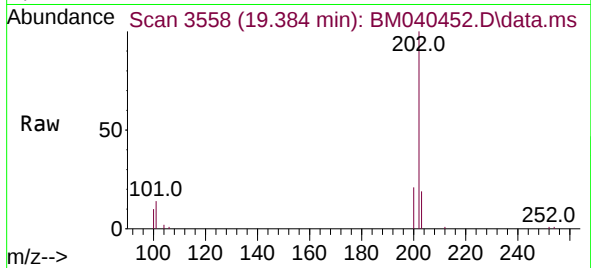
Tgt Ion:178 Resp: 2272
Ion Ratio Lower Upper
178 100
179 27.0 12.9 19.3#
176 25.5 15.8 23.6#





#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.384 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

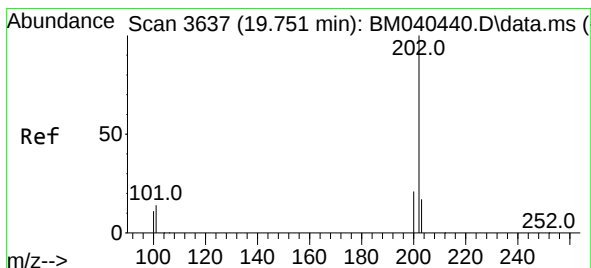
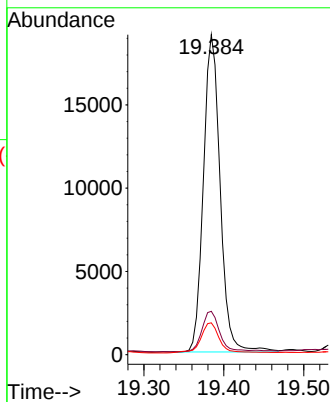
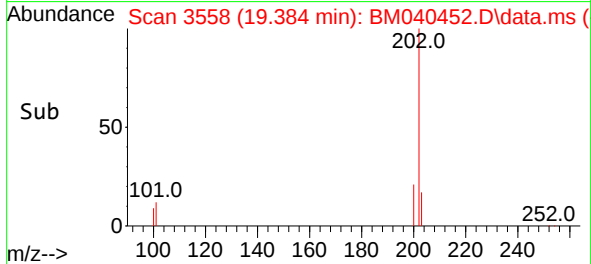
Instrument :
BNA_M
ClientSampleId :
DCFX1



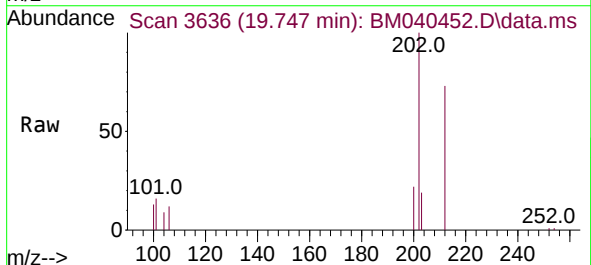
Tgt Ion:202 Resp: 27729
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 9.9 8.7 13.1

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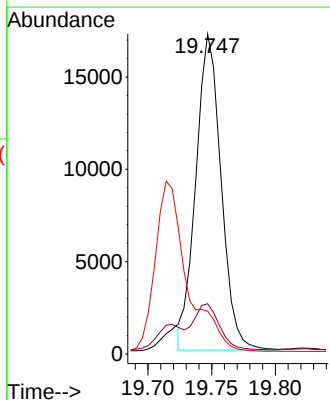
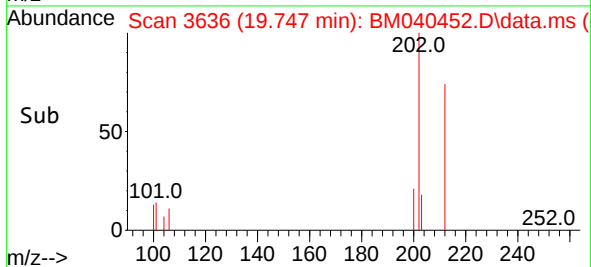
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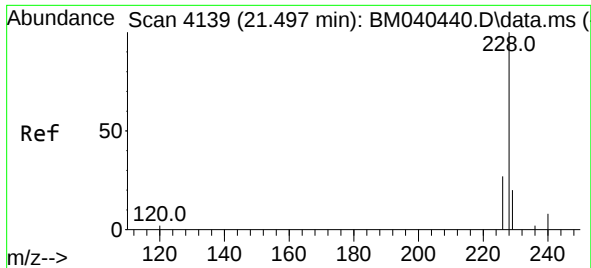


#20
Pyrene
Concen: 0.366 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12



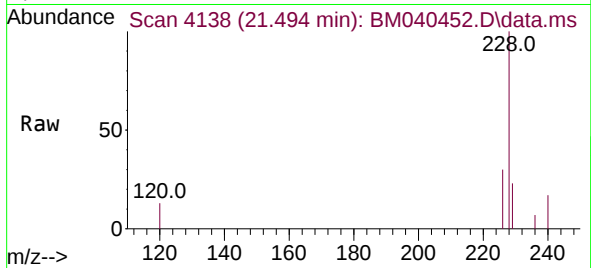
Tgt Ion:202 Resp: 23611
Ion Ratio Lower Upper
202 100
101 15.7 12.6 18.8
100 13.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.301 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

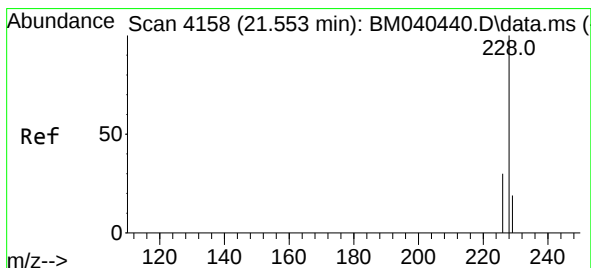
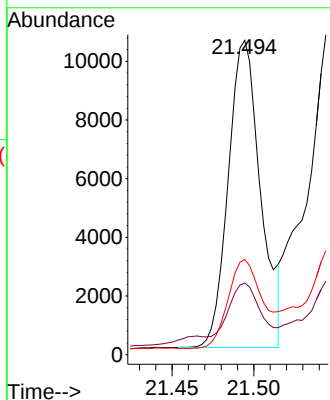
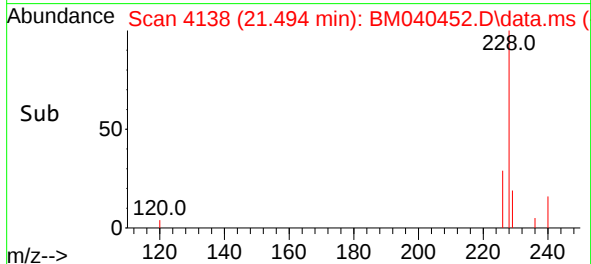
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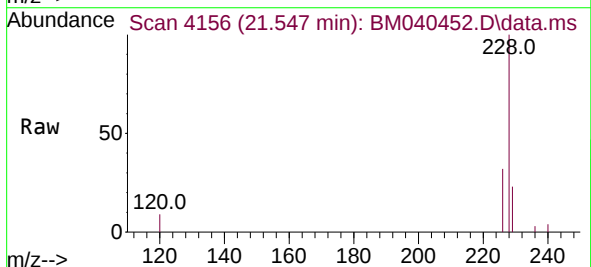
Tgt Ion:228 Resp: 14410
Ion Ratio Lower Upper
228 100
229 22.8 16.0 24.0
226 30.3 22.3 33.5

Manual Integrations
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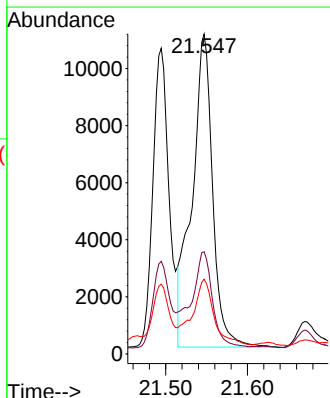
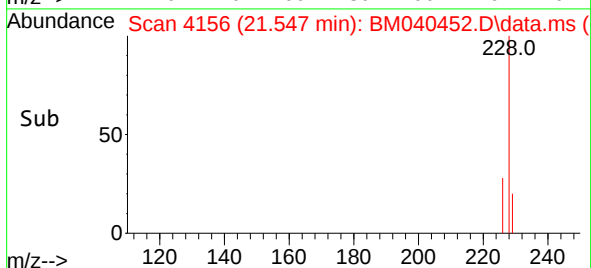
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

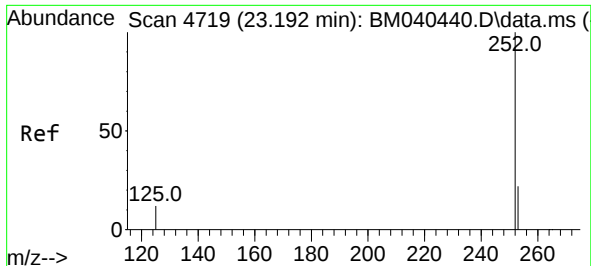


#22
Chrysene
Concen: 0.354 ng/u1
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12



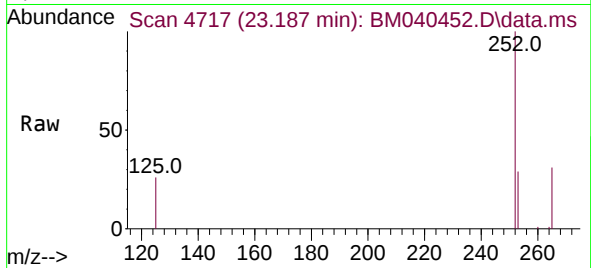
Tgt Ion:228 Resp: 19302
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 23.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.566 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

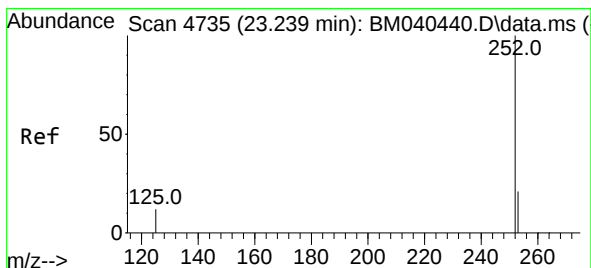
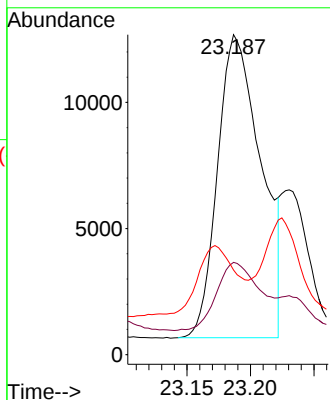
Instrument :
BNA_M
ClientSampleId :
DCFX1



Tgt Ion:252 Resp: 28580
Ion Ratio Lower Upper
252 100
253 28.9 0.0 52.8
125 26.5 0.0 43.0

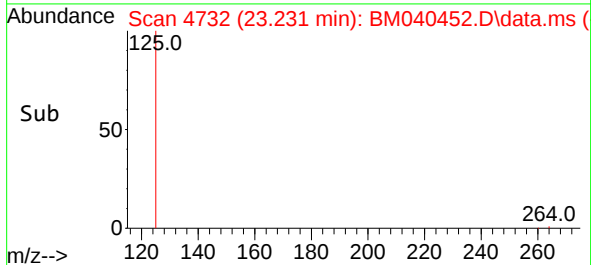
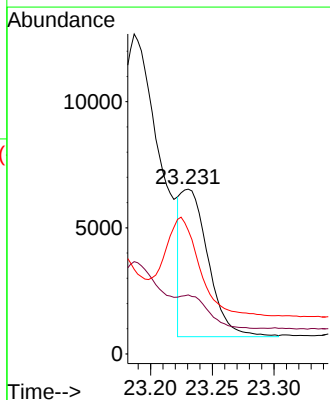
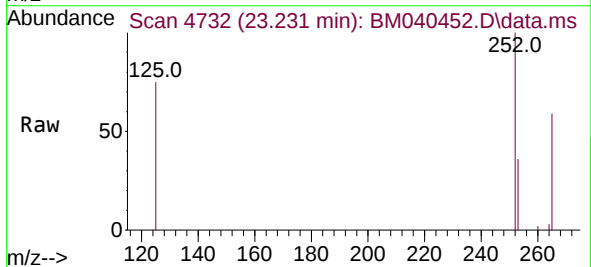
Manual Integrations
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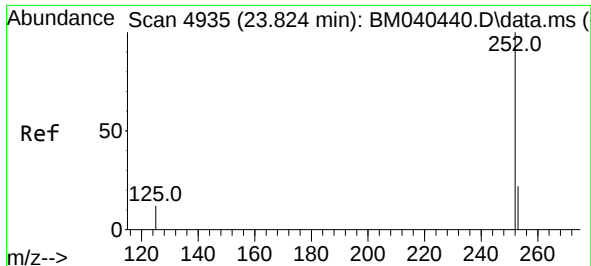
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.183 ng/ul m
RT: 23.231 min Scan# 4732
Delta R.T. -0.012 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

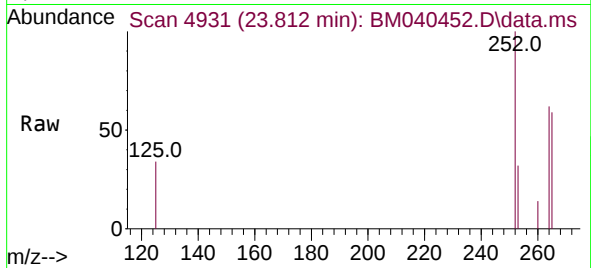
Tgt Ion:252 Resp: 9103
Ion Ratio Lower Upper
252 100
253 35.8 21.2 31.8#
125 74.9 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.336 ng/ul
RT: 23.812 min Scan# 4931
Delta R.T. -0.012 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

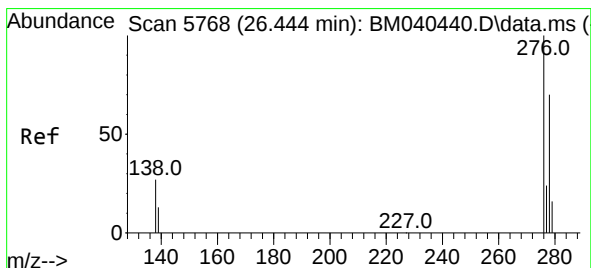
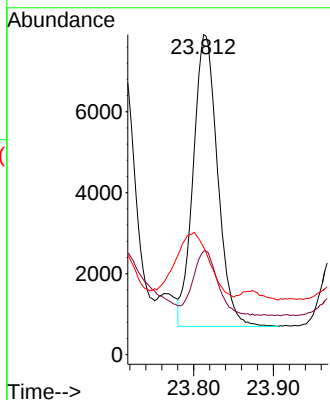
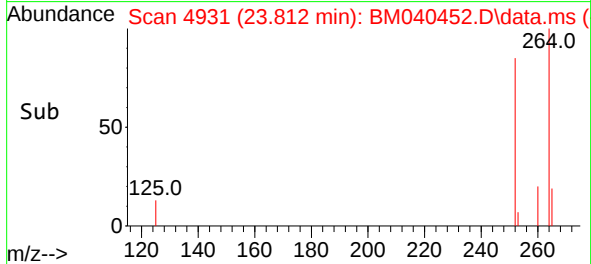
Instrument :
BNA_M
ClientSampleId :
DCFX1



Tgt Ion:252 Resp: 1530
Ion Ratio Lower Upper
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125 33.5 21.0 31.4

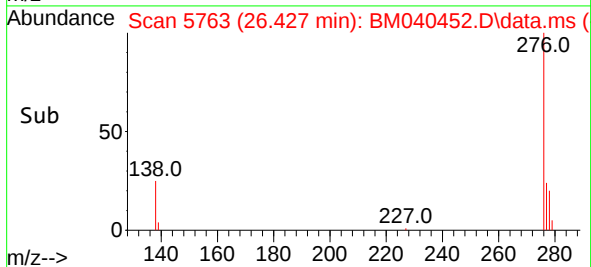
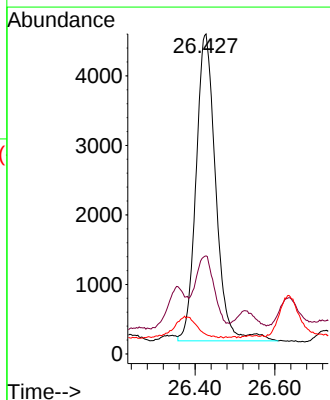
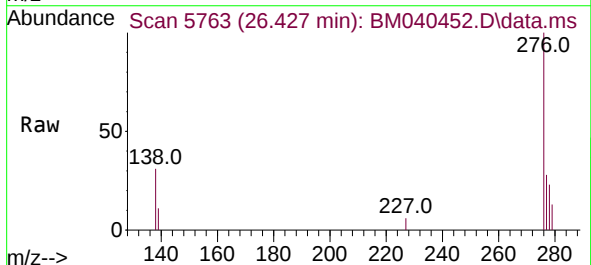
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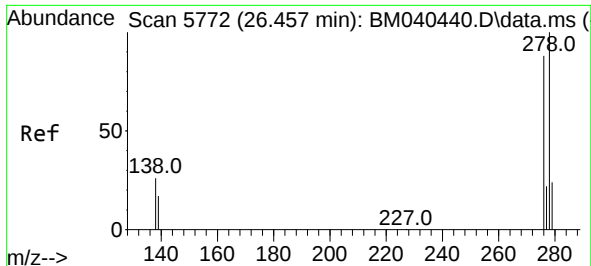
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

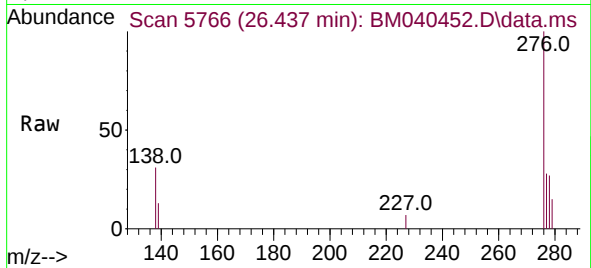
Tgt Ion:276 Resp: 15121
Ion Ratio Lower Upper
276 100
138 21.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12

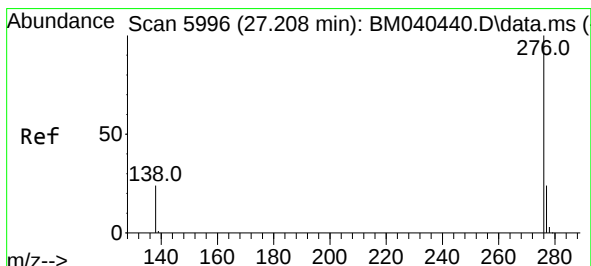
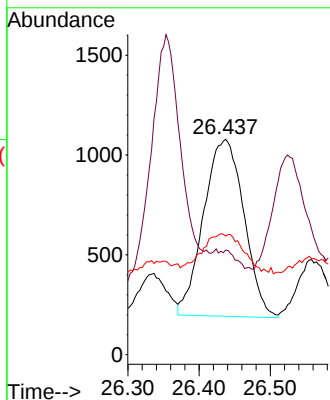
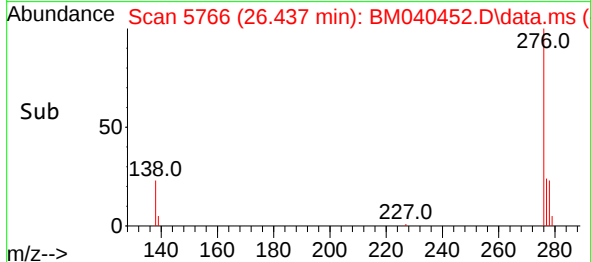
Instrument :
BNA_M
ClientSampleId :
DCFX1



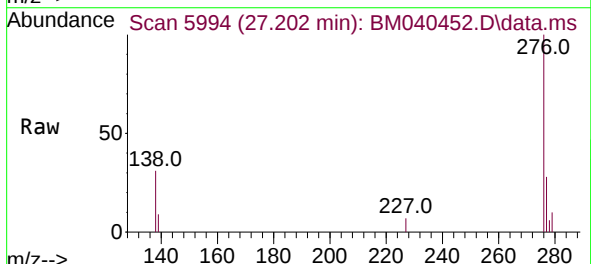
Tgt Ion:278 Resp: 349
Ion Ratio Lower Upper
278 100
139 48.6 17.9 26.9
279 55.1 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040452.D
Acq: 30 Jun 2023 00:12



Tgt Ion:276 Resp: 14334
Ion Ratio Lower Upper
276 100
138 31.5 23.0 34.6
277 28.0 20.3 30.5

