

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040446.D
 Acq On : 29 Jun 2023 20:28
 Operator : MA/JU
 Sample : 03143-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 03:07:16 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	7.940	152	7511	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	26738	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	12299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21783	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11886	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	12233	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	7096	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1498	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1780	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1753	0.024	ng/ul#	76
7) 2-Methylnaphthalene	12.417	142	943	0.022	ng/ul	99
10) Acenaphthylene	14.304	152	1379	0.025	ng/ul#	72
11) Acenaphthene	14.647	153	1351	0.029	ng/ul	97
12) Fluorene	15.632	166	1425	0.029	ng/ul#	95
15) Phenanthrene	17.374	178	15847	0.234	ng/ul	99
16) Anthracene	17.463	178	3177	0.056	ng/ul#	85
19) Fluoranthene	19.389	202	25021	0.496	ng/ul	96
20) Pyrene	19.747	202	18811m	0.348	ng/ul	
21) Benzo(a)anthracene	21.494	228	9108	0.227	ng/ul	94
22) Chrysene	21.547	228	11559	0.252	ng/ul#	94
24) Benzo(b)fluoranthene	23.187	252	17227	0.364	ng/ul	81
25) Benzo(k)fluoranthene	23.230	252	6811m	0.146	ng/ul	
26) Benzo(a)pyrene	23.815	252	9578	0.225	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.430	276	9302	0.157	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.434	278	2330	0.050	ng/ul#	32
29) Benzo(g,h,i)perylene	27.198	276	9315	0.179	ng/ul#	90

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

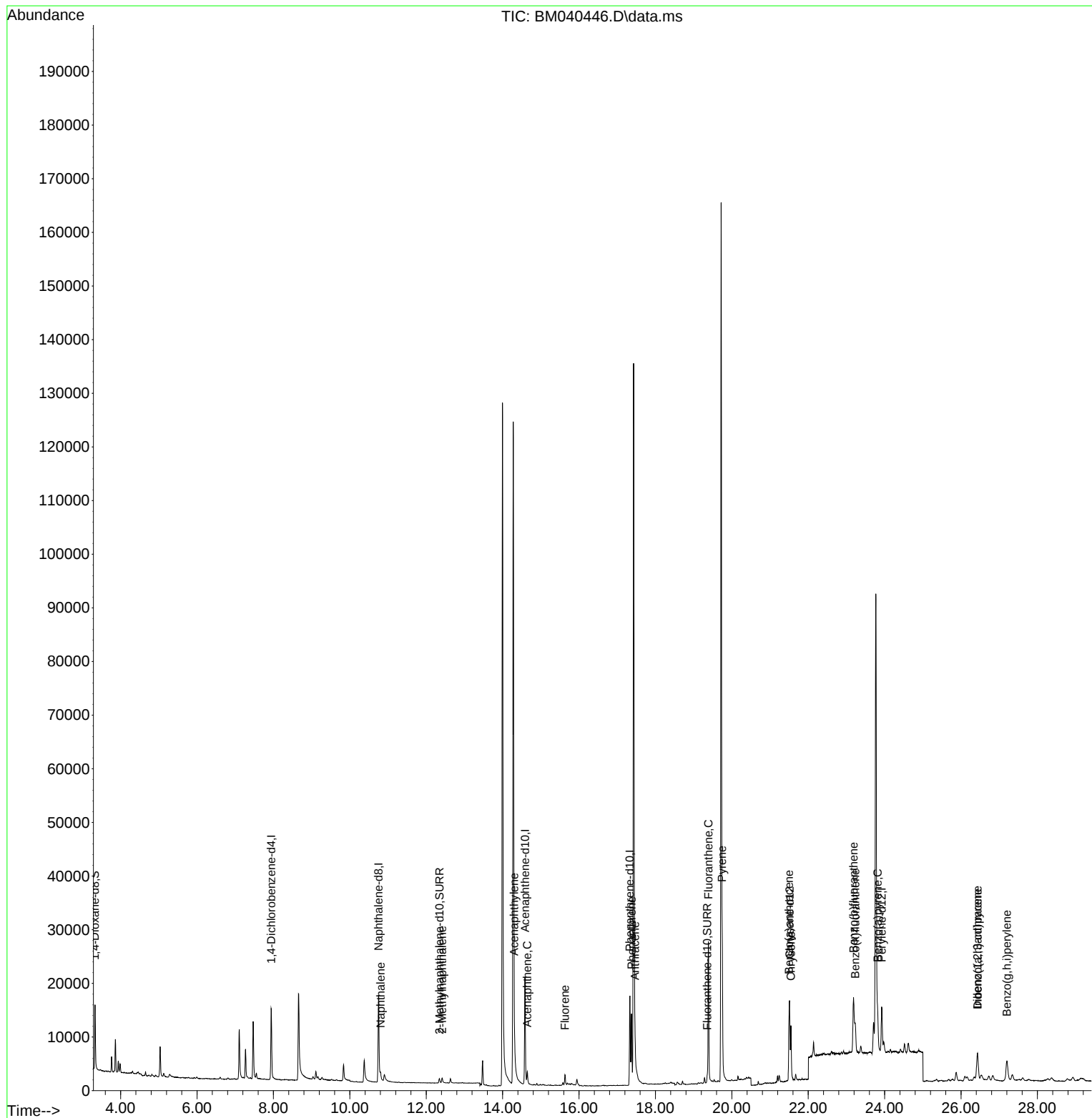
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040446.D
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ALS Vial : 20 Sample Multiplier: 1

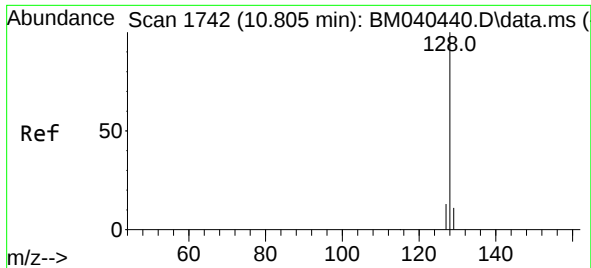
Instrument :
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Quant Time: Jun 30 03:07:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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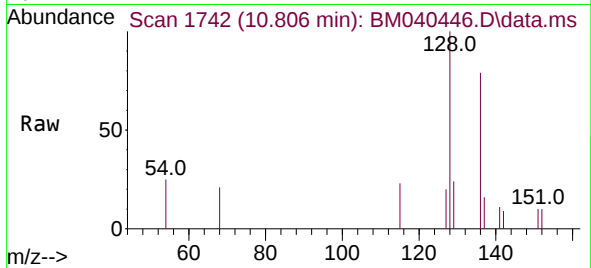
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

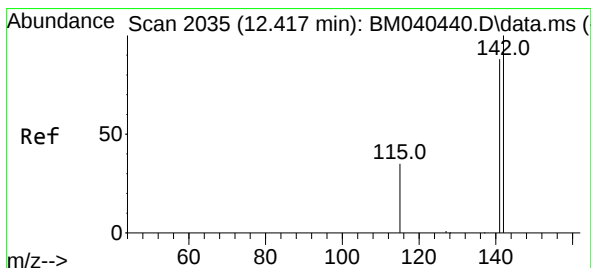
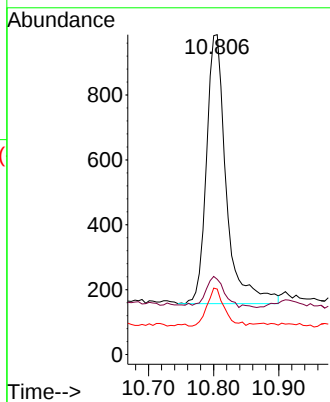
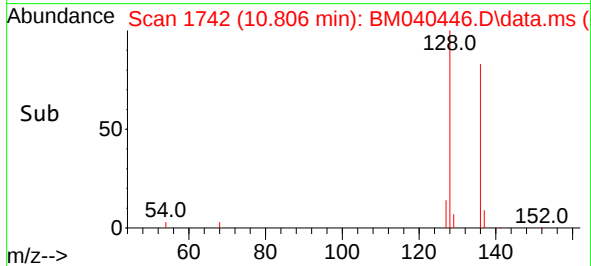
Instrument :
BNA_M
ClientSampleId :
DCFU7DL



Tgt Ion:128 Resp: 175
Ion Ratio Lower Upper
128 100
129 23.5 9.2 13.8
127 20.5 10.6 15.8

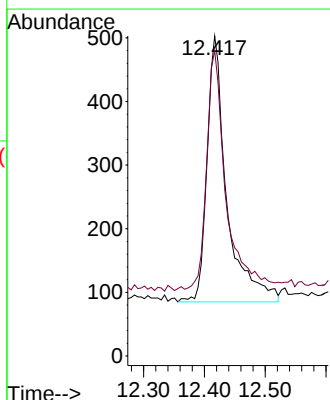
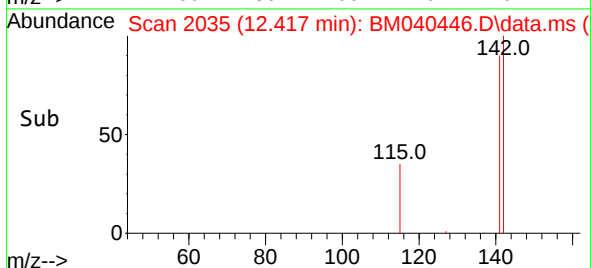
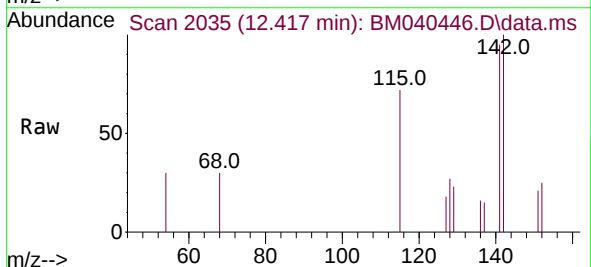
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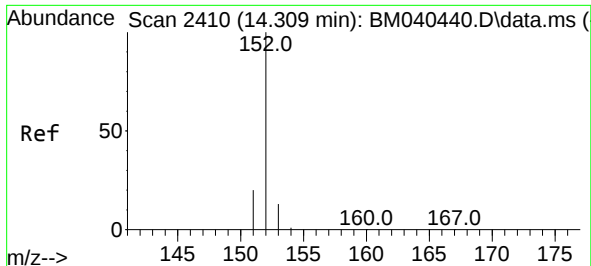
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

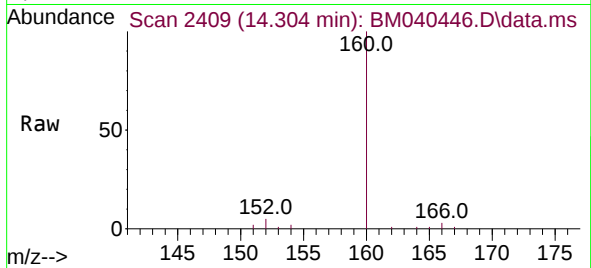
Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9





#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.304 min Scan# 2410
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

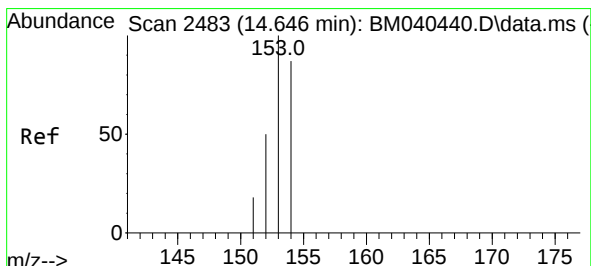
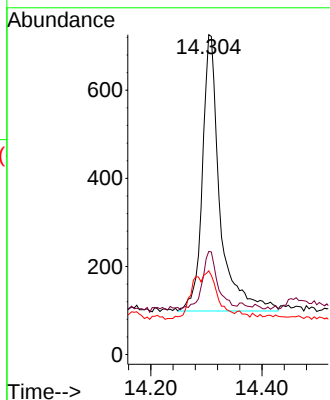
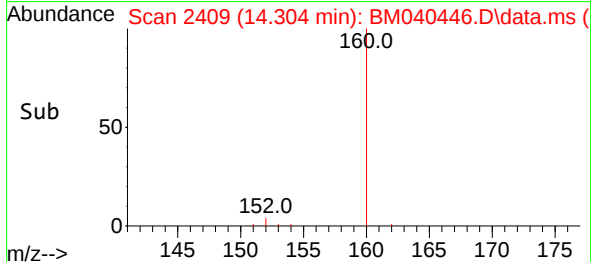
Instrument :
BNA_M
ClientSampleId :
DCFU7DL



Tgt Ion:152 Resp: 1379
Ion Ratio Lower Upper
152 100
151 32.2 16.2 24.2
153 26.2 10.9 16.3

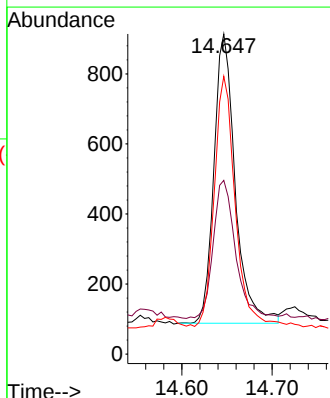
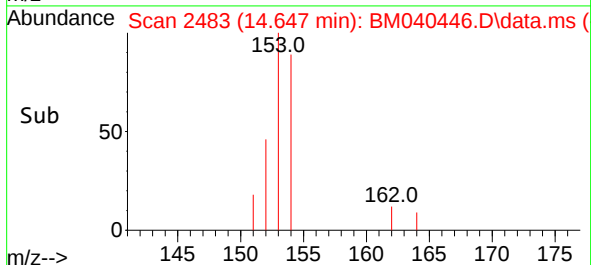
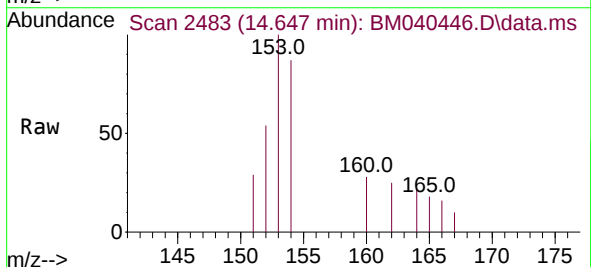
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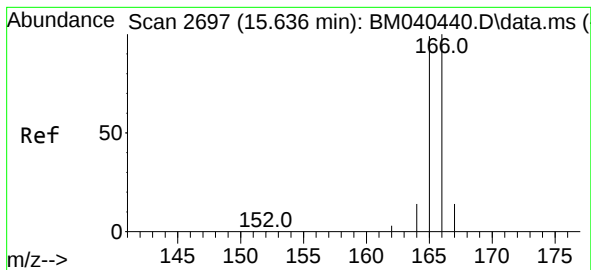
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

Tgt Ion:153 Resp: 1351
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.4
154 86.8 70.8 106.2





#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.632 min Scan# 20

Delta R.T. -0.009 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

Instrument :

BNA_M

ClientSampleId :

DCFU7DL

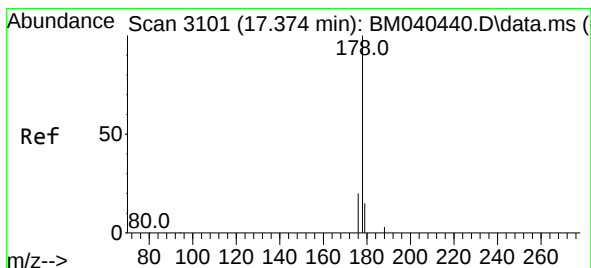
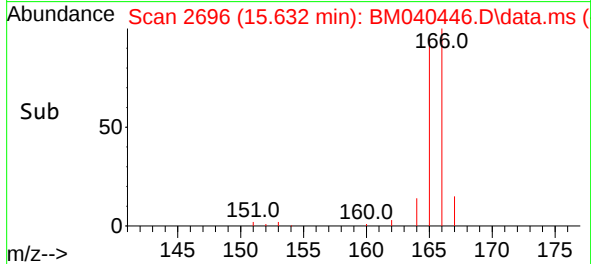
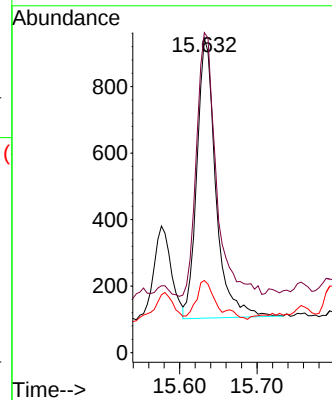
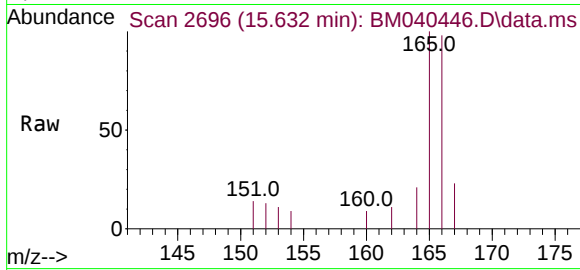
Tgt Ion:	166	Resp:	142
Ion Ratio	Lower	Upper	
166	100		
165	101.8	79.6	119.4
167	23.0	11.4	17.0

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#15

Phenanthrene

Concen: 0.234 ng/ul

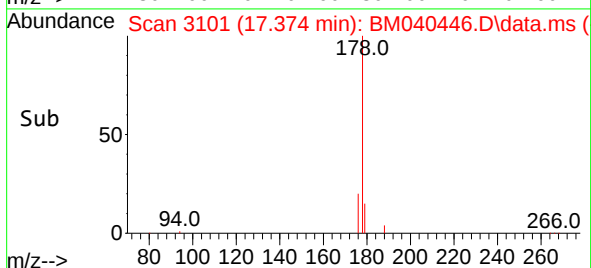
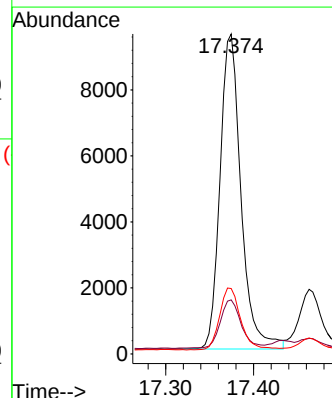
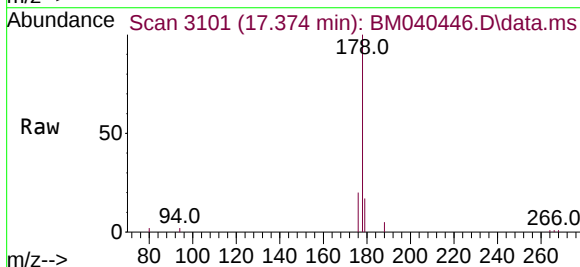
RT: 17.374 min Scan# 3101

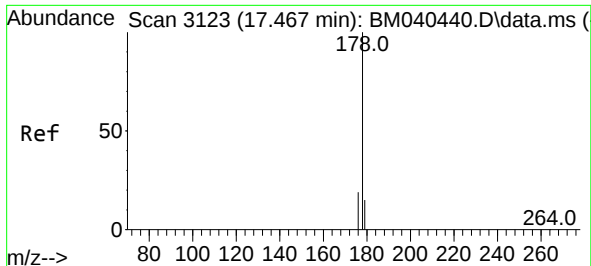
Delta R.T. -0.004 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

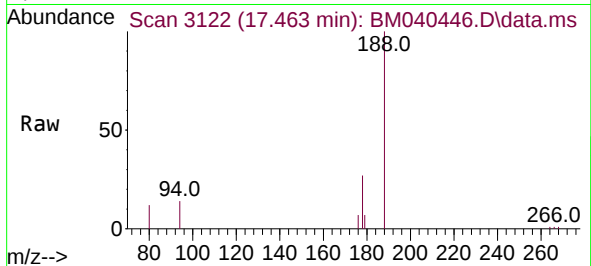
Tgt Ion:	178	Resp:	15847
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.8	19.2
176	20.4	16.4	24.6





#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.463 min Scan# 3122
 Delta R.T. -0.008 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

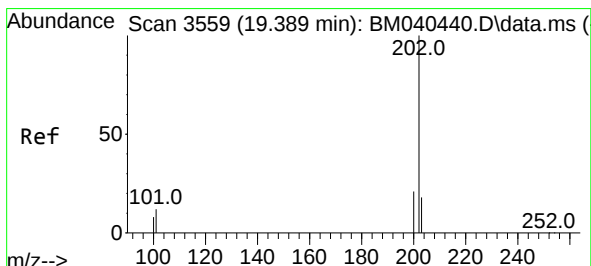
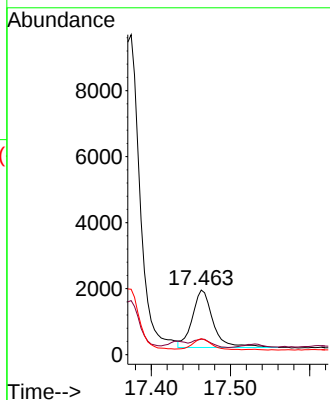
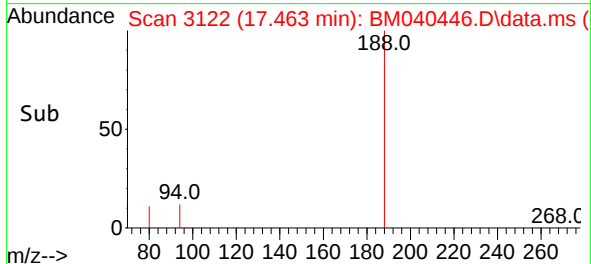
Instrument :
 BNA_M
 ClientSampleId :
 DCFU7DL



Tgt Ion:178 Resp: 317
 Ion Ratio Lower Upper
 178 100
 179 24.1 12.9 19.3
 176 24.9 15.8 23.6

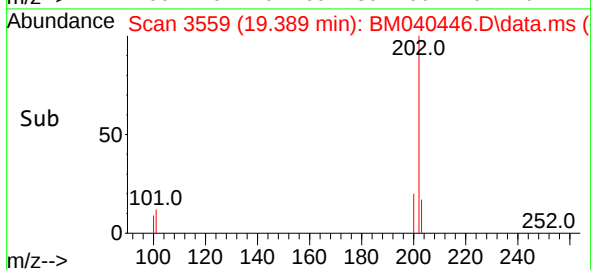
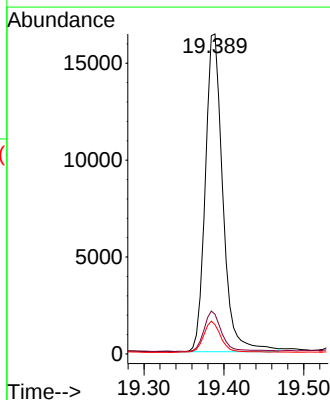
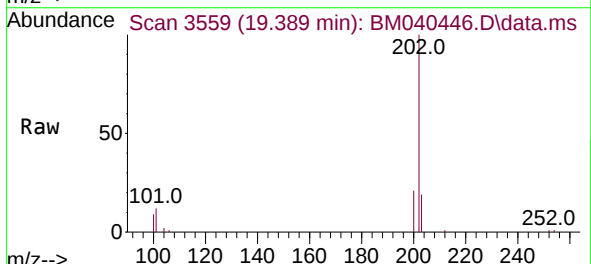
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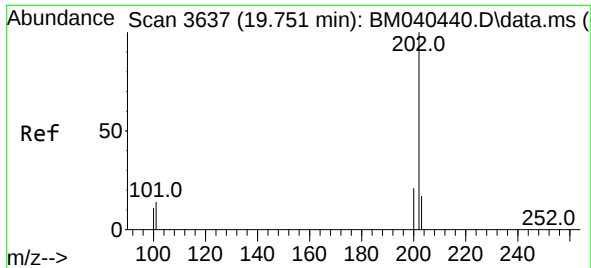
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 0.496 ng/ul
 RT: 19.389 min Scan# 3559
 Delta R.T. -0.000 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

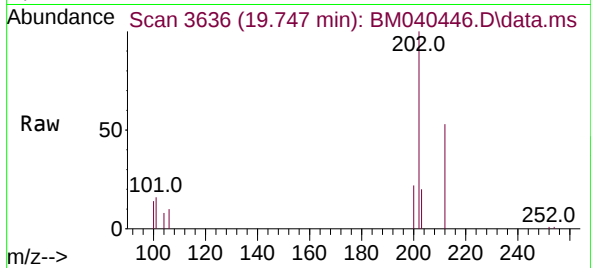
Tgt Ion:202 Resp: 25021
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.4 17.0
 100 9.1 8.7 13.1





#20
Pyrene
Concen: 0.348 ng/ul m
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

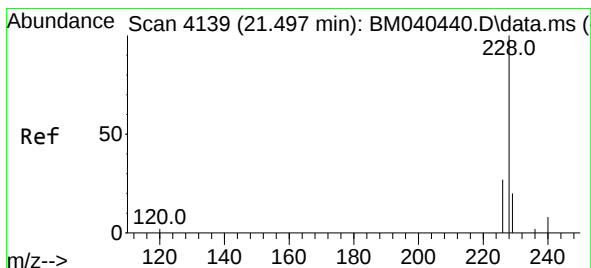
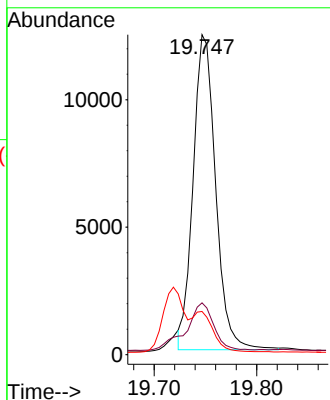
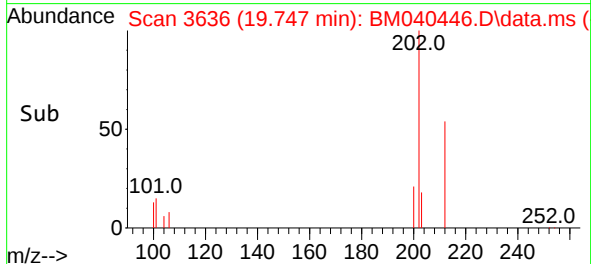
Instrument :
BNA_M
ClientSampleId :
DCFU7DL



Tgt Ion:202 Resp: 1881
Ion Ratio Lower Upper
202 100
101 16.2 12.6 18.8
100 13.5 9.8 14.6

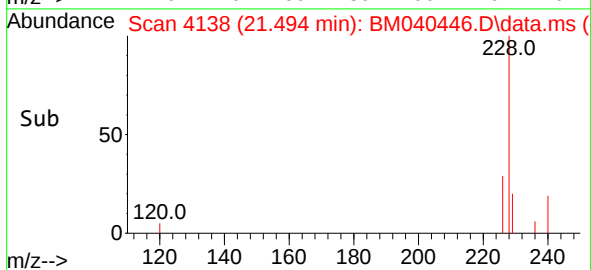
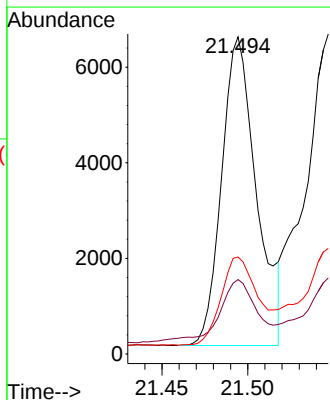
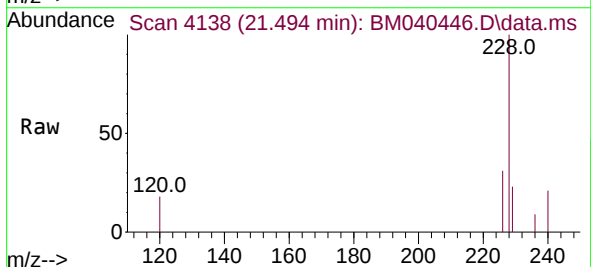
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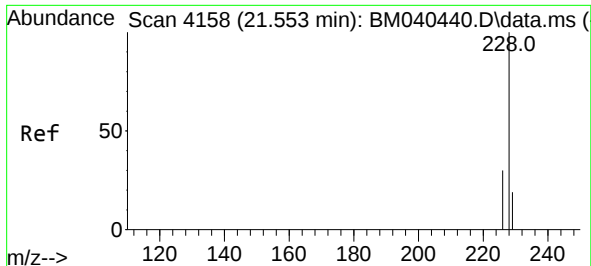
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#21
Benzo(a)anthracene
Concen: 0.227 ng/ul
RT: 21.494 min Scan# 4138
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

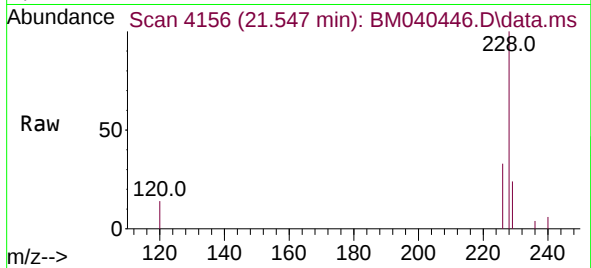
Tgt Ion:228 Resp: 9108
Ion Ratio Lower Upper
228 100
229 23.5 16.0 24.0
226 30.6 22.3 33.5





#22
Chrysene
Concen: 0.252 ng/ul
RT: 21.547 min Scan# 4158
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

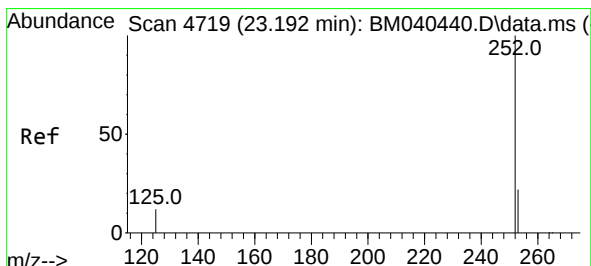
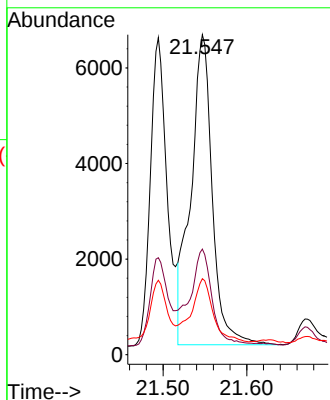
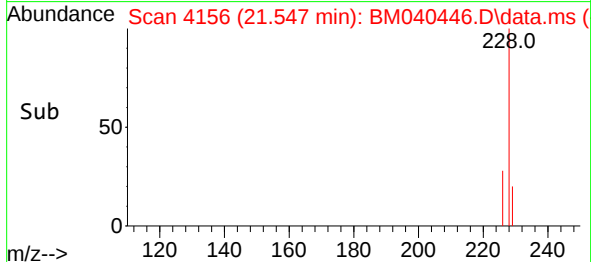
Instrument :
BNA_M
ClientSampleId :
DCFU7DL



Tgt Ion:228 Resp: 11559
Ion Ratio Lower Upper
228 100
226 33.0 24.9 37.3
229 23.7 15.8 23.6

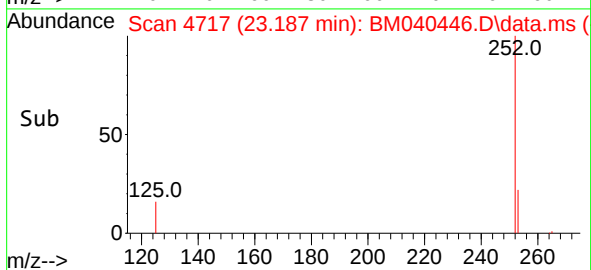
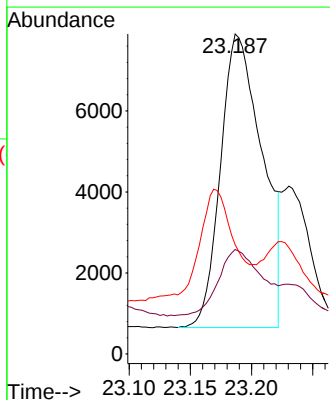
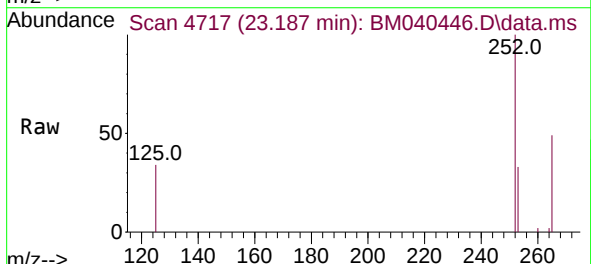
Manual Integrations
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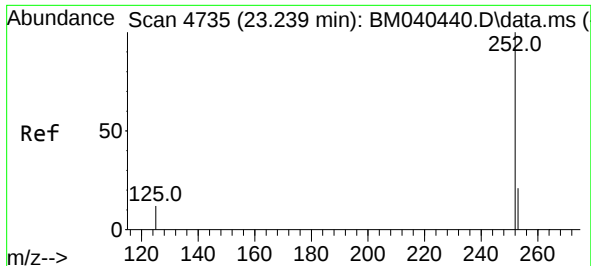
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.187 min Scan# 4717
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

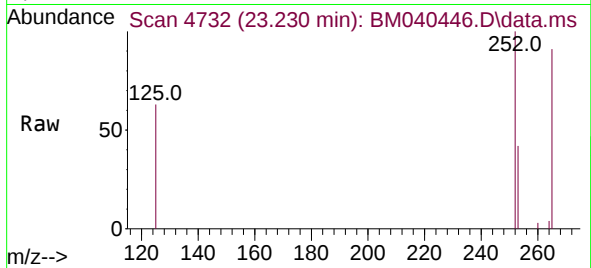
Tgt Ion:252 Resp: 17227
Ion Ratio Lower Upper
252 100
253 32.6 0.0 52.8
125 34.2 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.146 ng/ul m
RT: 23.230 min Scan# 4735
Delta R.T. -0.012 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

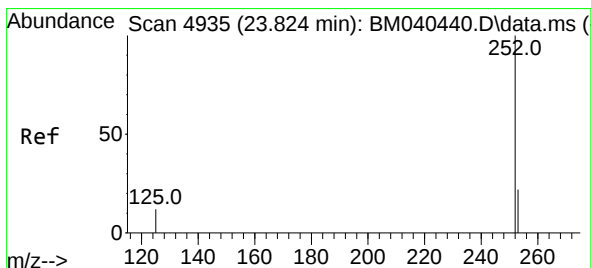
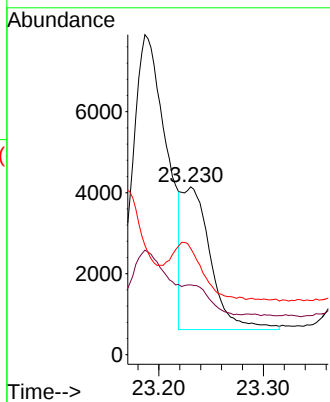
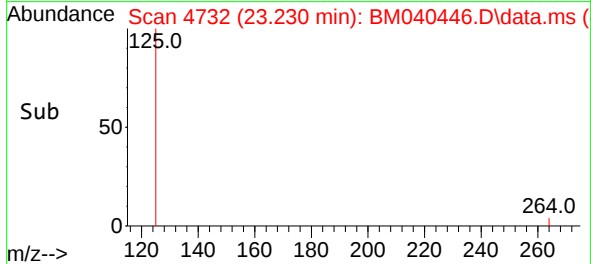
Instrument :
BNA_M
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DCFU7DL



Tgt Ion:252 Resp: 681
Ion Ratio Lower Upper
252 100
253 41.5 21.2 31.8#
125 63.3 16.4 24.6#

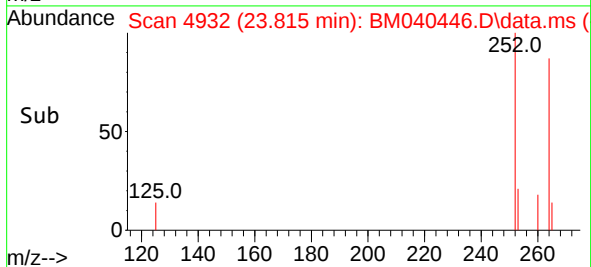
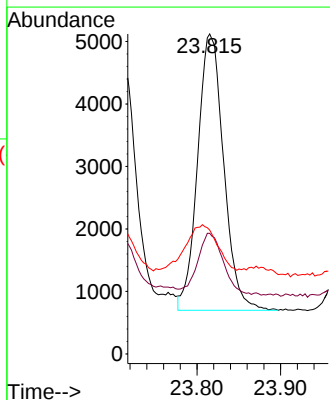
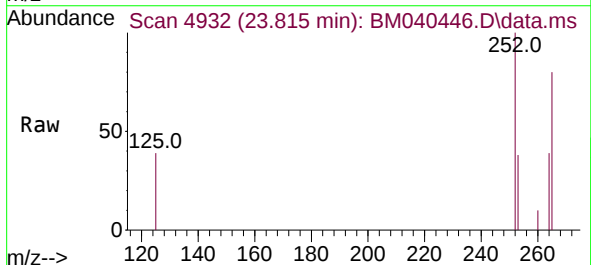
Manual Integrations
APPROVED

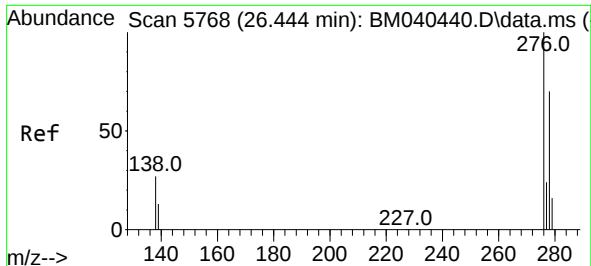
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 0.225 ng/ul
RT: 23.815 min Scan# 4932
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

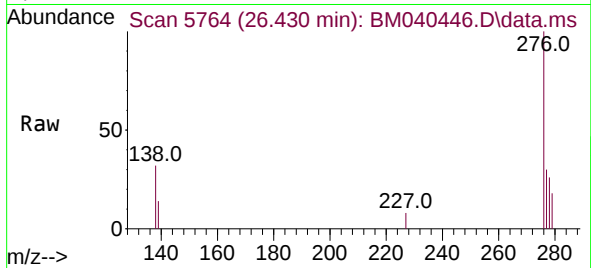
Tgt Ion:252 Resp: 9578
Ion Ratio Lower Upper
252 100
253 37.7 22.9 34.3#
125 38.7 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 26.430 min Scan# 5765
Delta R.T. -0.003 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

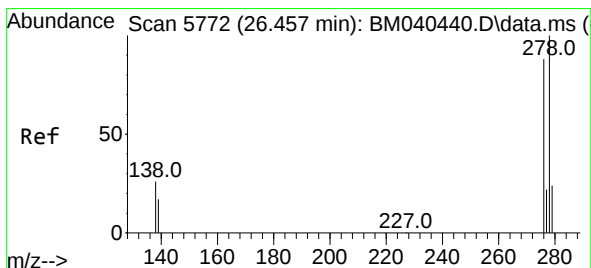
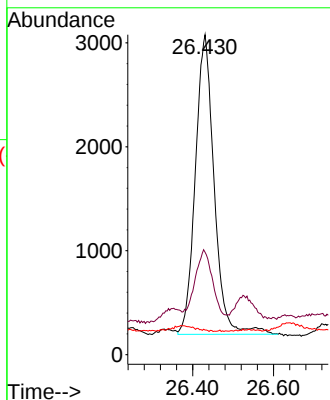
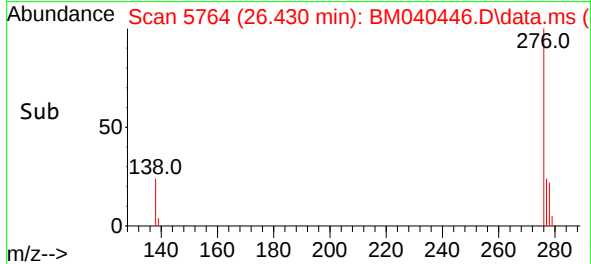
Instrument :
BNA_M
ClientSampleId :
DCFU7DL



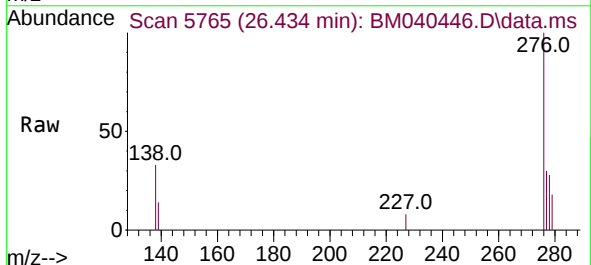
Tgt Ion:276 Resp: 930
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7
227 0.0 0.1 0.1

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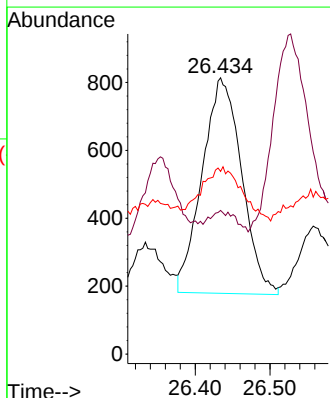
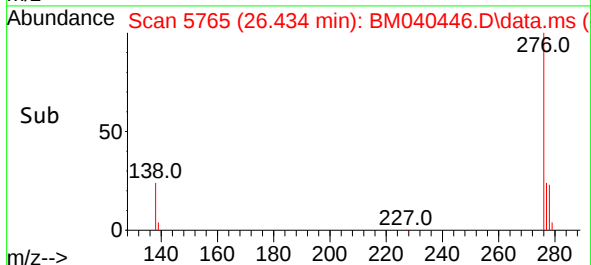
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

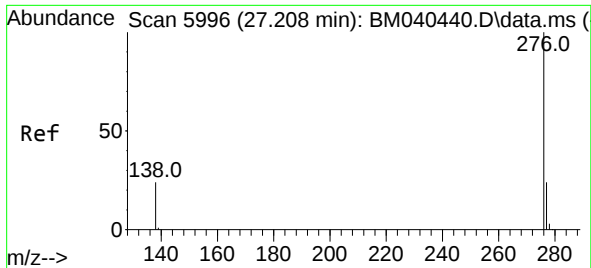


#28
Dibenzo(a,h)anthracene
Concen: 0.050 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28



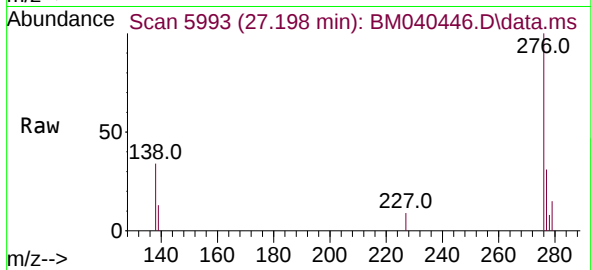
Tgt Ion:278 Resp: 2330
Ion Ratio Lower Upper
278 100
139 52.0 17.9 26.9#
279 66.1 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 27.198 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

Instrument :
BNA_M
ClientSampleId :
DCFU7DL



Tgt Ion:276 Resp: 931
Ion Ratio Lower Upper
276 100
138 33.9 23.0 34.6
277 30.6 20.3 30.5

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

