

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040386.D
 Acq On : 23 Jun 2023 21:38
 Operator : MA/JU
 Sample : 03084-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFQ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 01:38:55 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	7.949	152	7841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	28863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	14440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	30044	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	18029	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	16216	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	22737	1.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	5692	0.141	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	9988	0.173	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.806	128	27676	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	17333	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	11564	0.247	ng/ul	99
10) Acenaphthylene	14.309	152	79082	1.226	ng/ul	100
11) Acenaphthene	14.651	153	7245	0.133	ng/ul	99
12) Fluorene	15.637	166	11233	0.193	ng/ul#	99
15) Phenanthrene	17.374	178	251107	2.691	ng/ul	98
16) Anthracene	17.463	178	51743	0.660	ng/ul	100
19) Fluoranthene	19.389	202	712722	9.306	ng/ul	95
20) Pyrene	19.751	202	583598	7.108	ng/ul	97
21) Benzo(a)anthracene	21.494	228	309016	5.067	ng/ul	99
22) Chrysene	21.550	228	308741	4.438	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	453904	7.233	ng/ul	89
25) Benzo(k)fluoranthene	23.236	252	141935m	2.295	ng/ul	
26) Benzo(a)pyrene	23.818	252	260931	4.616	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.427	276	199887	2.539	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.434	278	49462	0.802	ng/ul	97
29) Benzo(g,h,i)perylene	27.202	276	180859	2.621	ng/ul	96

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

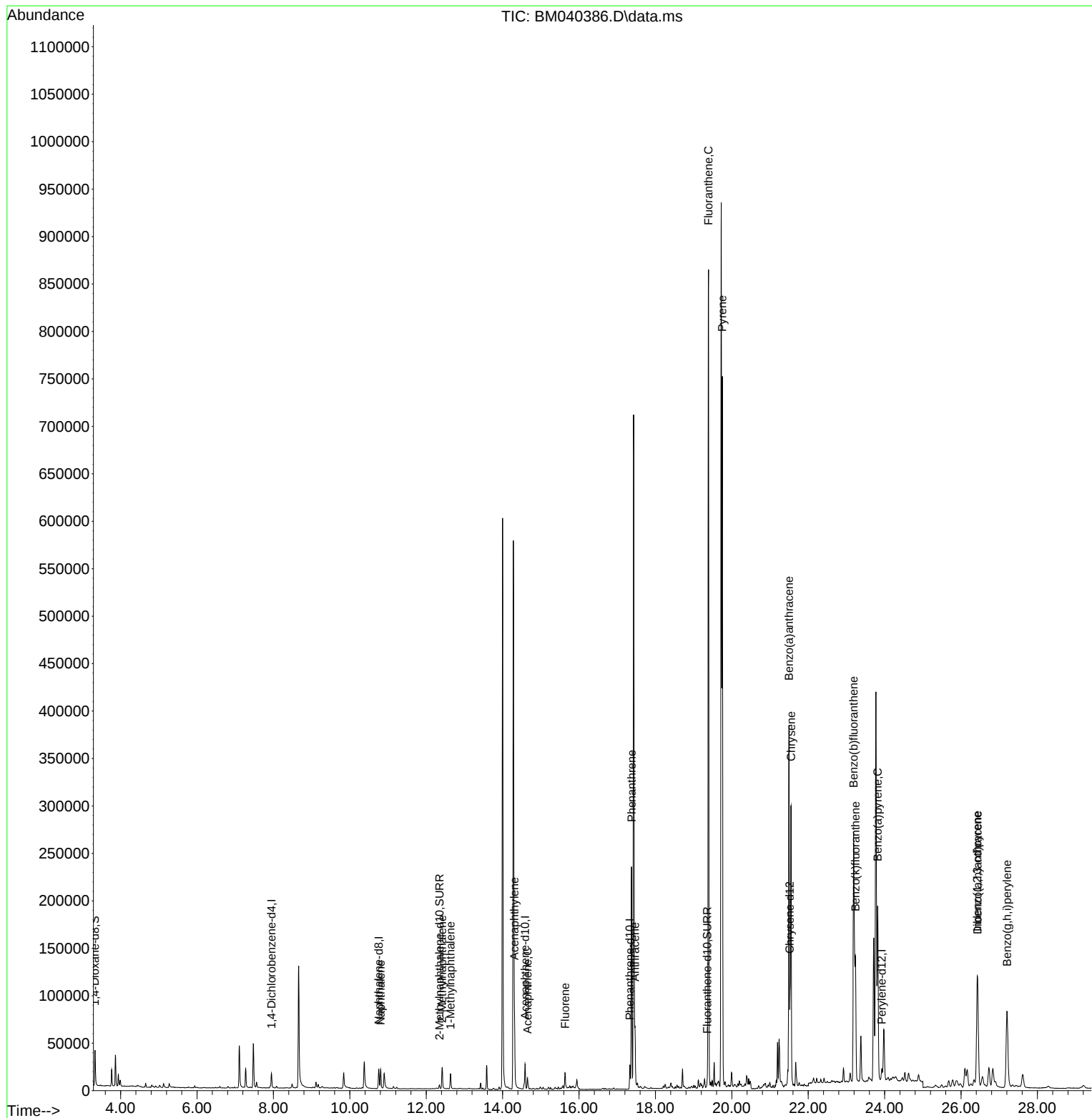
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040386.D
Acq On : 23 Jun 2023 21:38
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

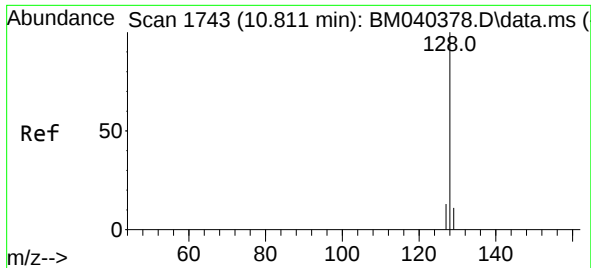
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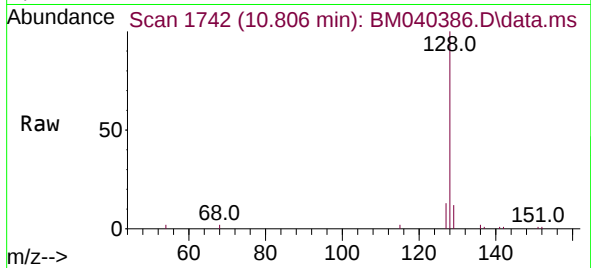
Quant Time: Jun 24 01:38:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

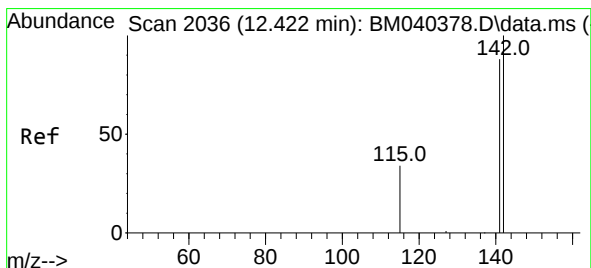
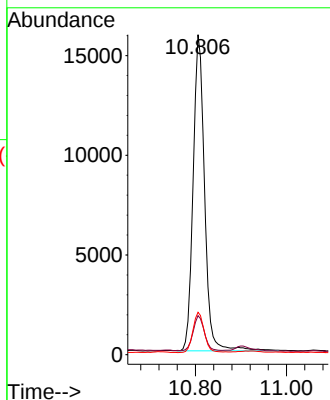
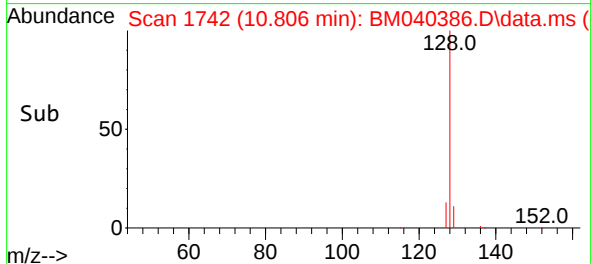
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:128 Resp: 27670
Ion Ratio Lower Upper
128 100
129 12.2 9.2 13.8
127 13.3 10.6 15.8

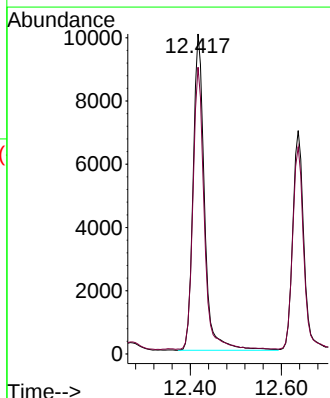
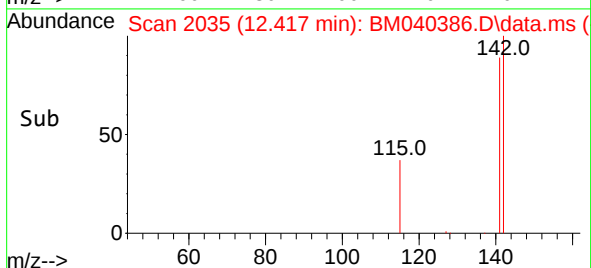
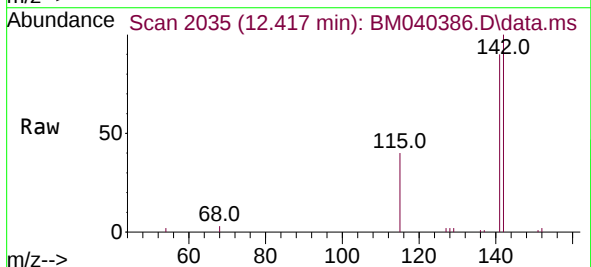
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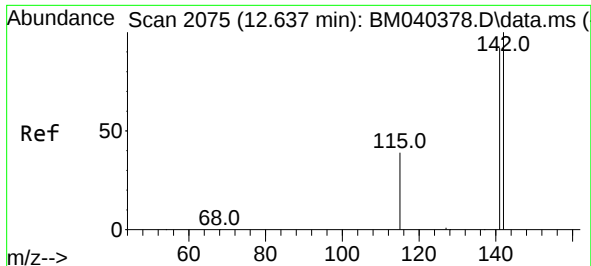
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

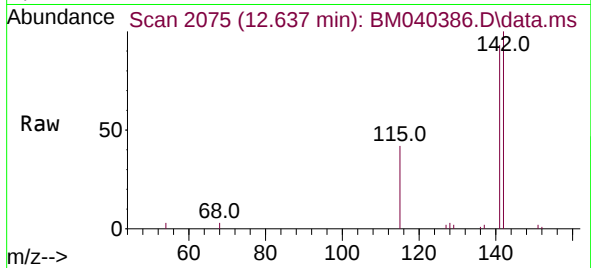
Tgt Ion:142 Resp: 17333
Ion Ratio Lower Upper
142 100
141 87.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

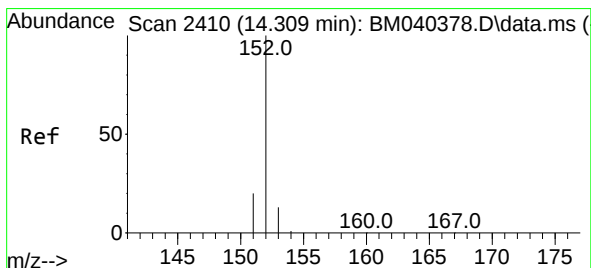
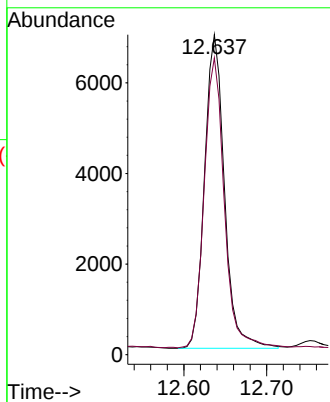
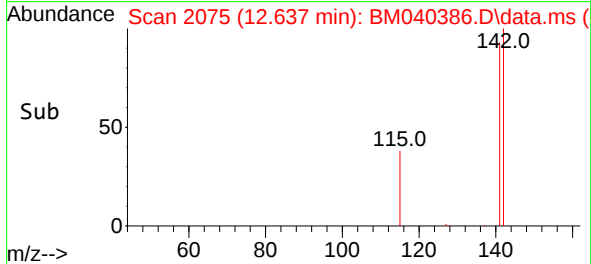
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 11564
Ion Ratio Lower Upper
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141 92.9 73.7 110.5

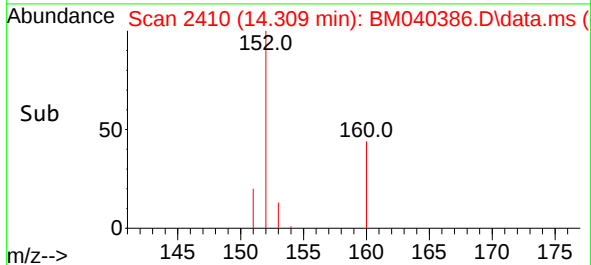
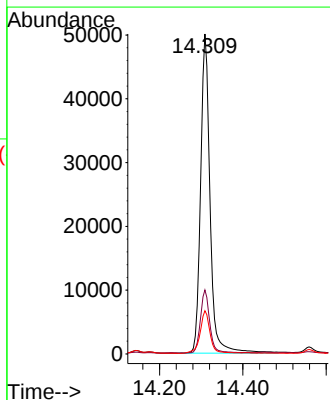
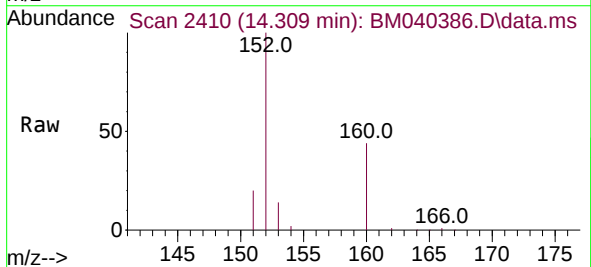
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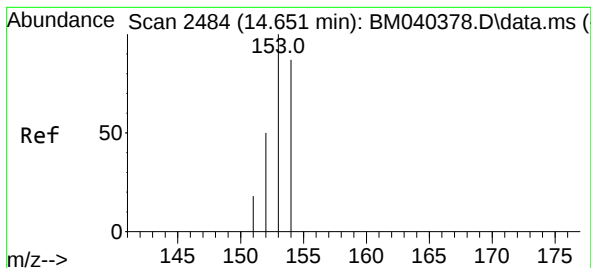
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 1.226 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:152 Resp: 79082
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.5 10.9 16.3





#11

Acenaphthene

Concen: 0.133 ng/ul

RT: 14.651 min Scan# 2484

Delta R.T. -0.005 min

Lab File: BM040386.D

Acq: 23 Jun 2023 21:38

Instrument :

BNA_M

ClientSampleId :

DCFQ7

Tgt Ion:153 Resp: 7249

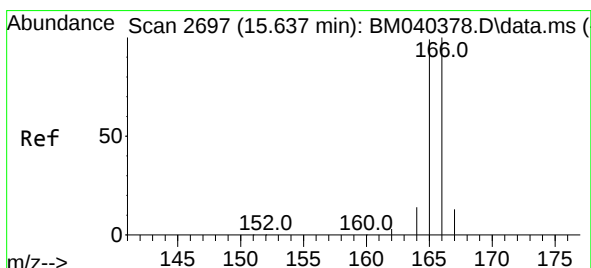
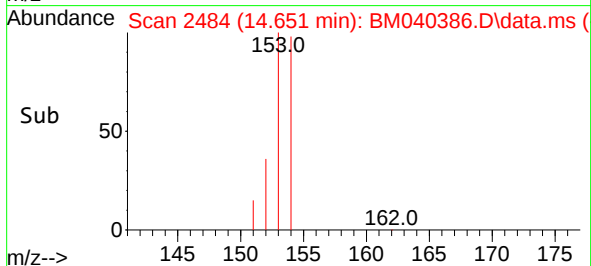
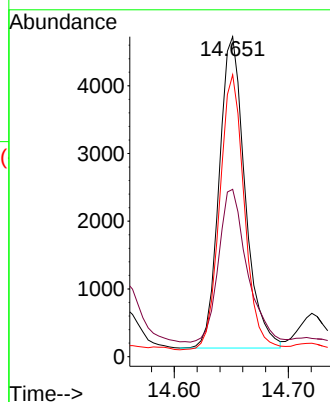
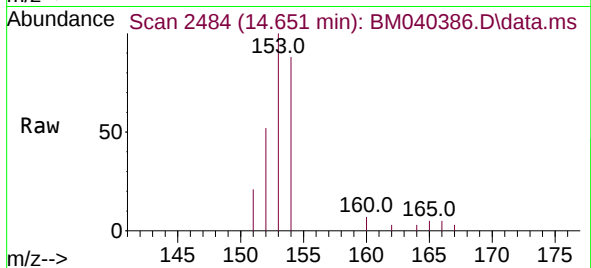
Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.0	61.4
154	88.1	70.8	106.2

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#12

Fluorene

Concen: 0.193 ng/ul

RT: 15.637 min Scan# 2697

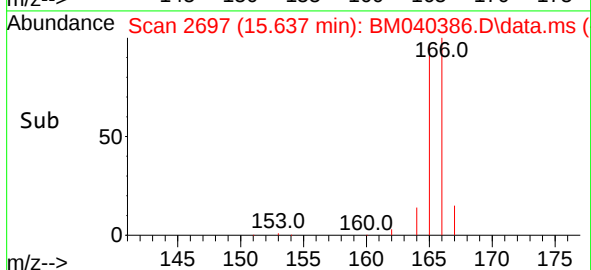
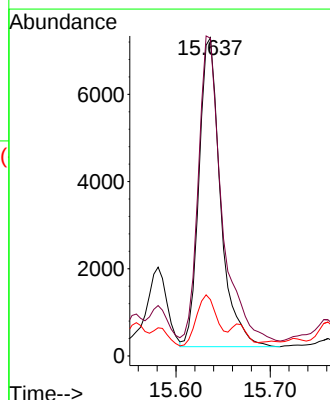
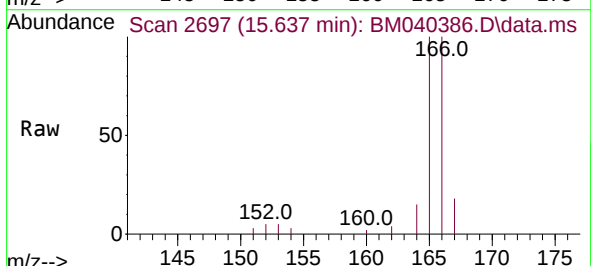
Delta R.T. -0.005 min

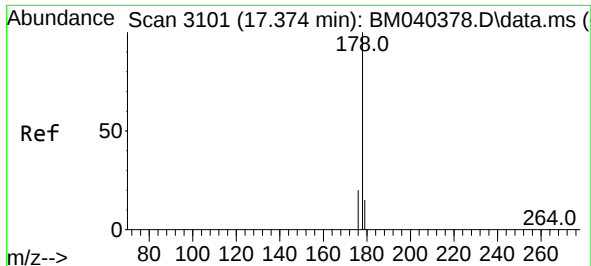
Lab File: BM040386.D

Acq: 23 Jun 2023 21:38

Tgt Ion:166 Resp: 11233

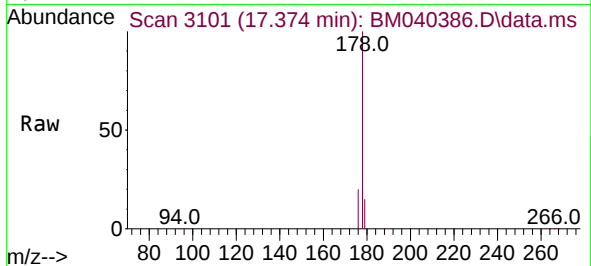
Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	17.7	11.4	17.0





#15
Phenanthrene
Concen: 2.691 ng/u1
RT: 17.374 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

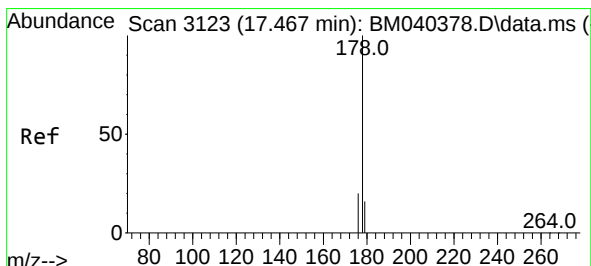
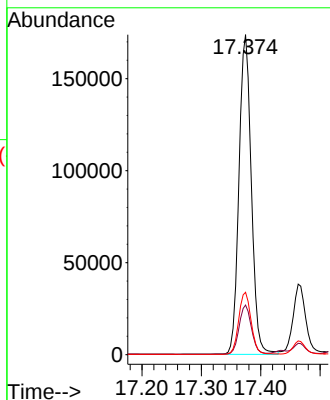
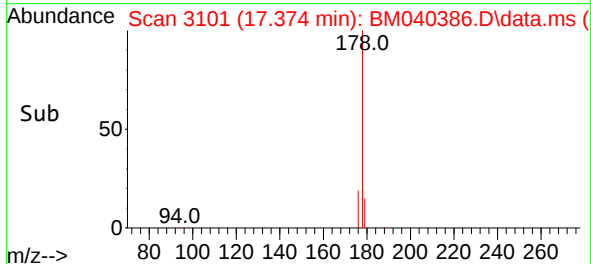
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:178 Resp: 251107
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 19.5 16.4 24.6

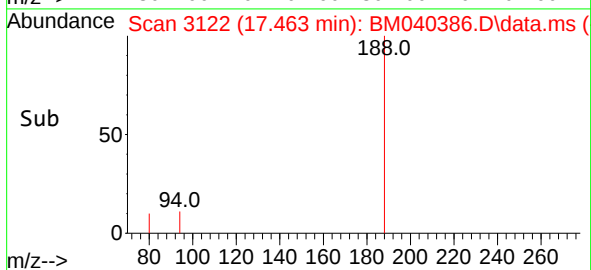
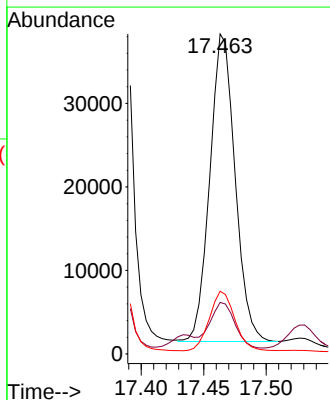
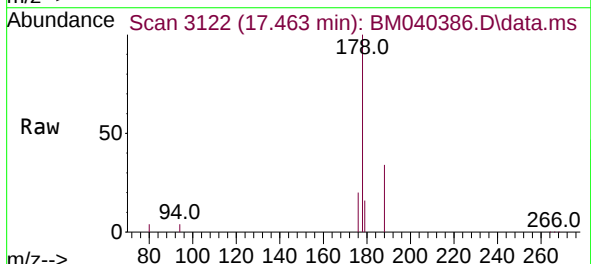
Manual Integrations
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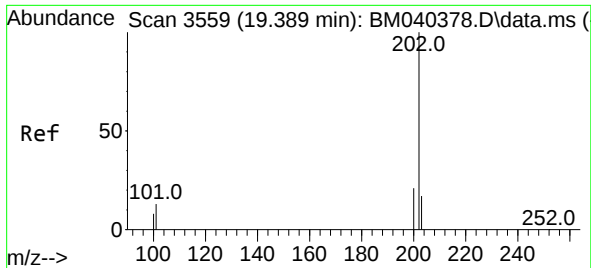
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#16
Anthracene
Concen: 0.660 ng/u1
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

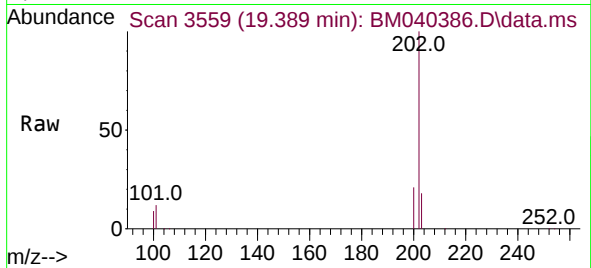
Tgt Ion:178 Resp: 51743
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.8 23.6





#19
Fluoranthene
Concen: 9.306 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

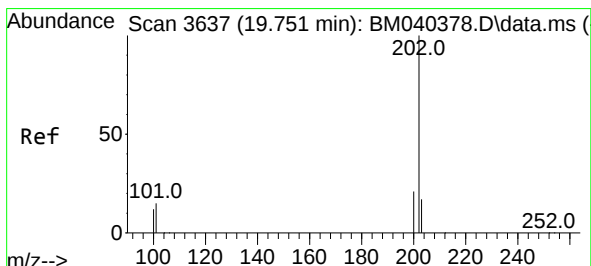
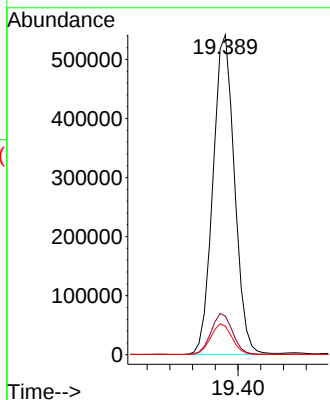
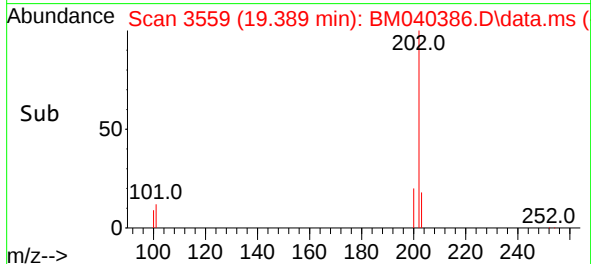
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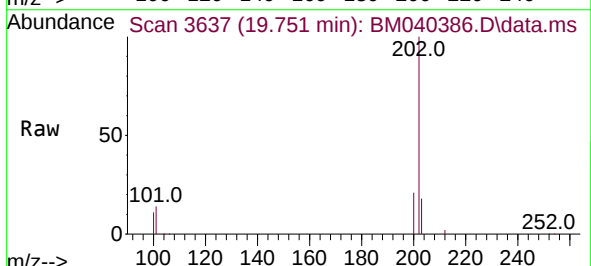
Tgt Ion:202 Resp: 71272
Ion Ratio Lower Upper
202 100
101 12.1 11.4 17.0
100 8.9 8.7 13.1

Manual Integrations
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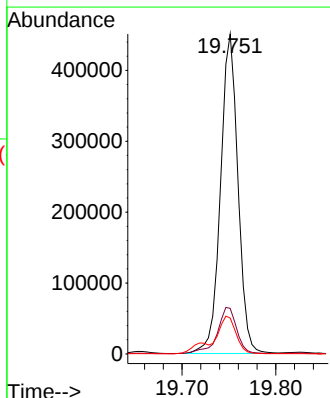
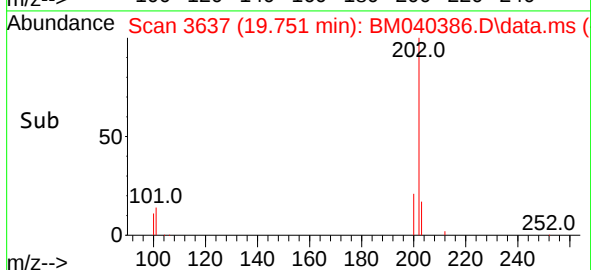
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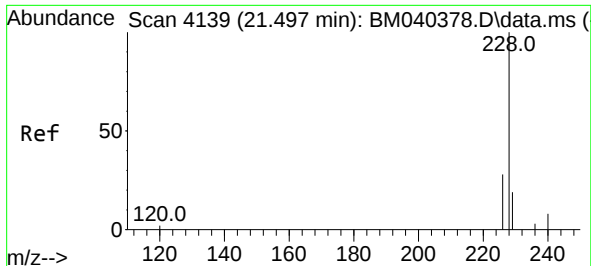


#20
Pyrene
Concen: 7.108 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38



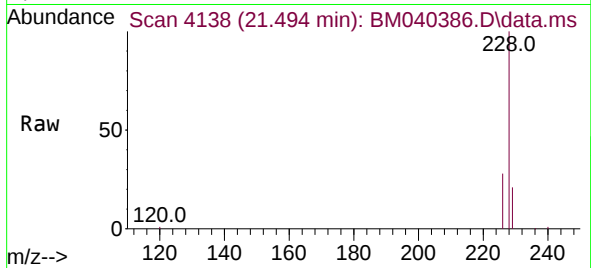
Tgt Ion:202 Resp: 583598
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.2 9.8 14.6





#21
Benzo(a)anthracene
Concen: 5.067 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

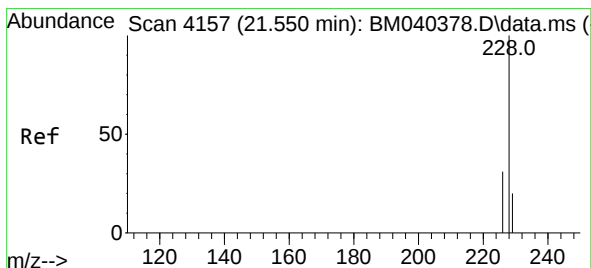
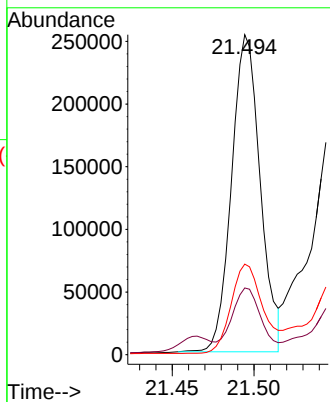
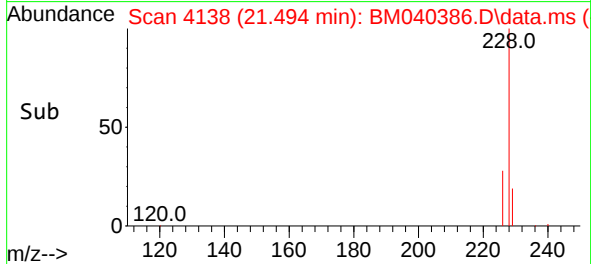
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:228 Resp: 309010
Ion Ratio Lower Upper
228 100
229 20.9 16.0 24.0
226 28.3 22.3 33.5

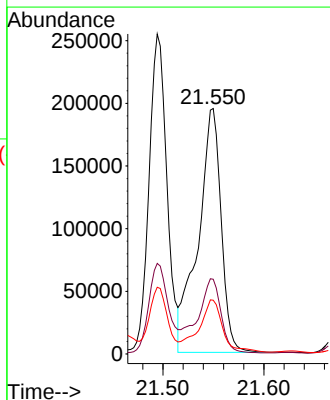
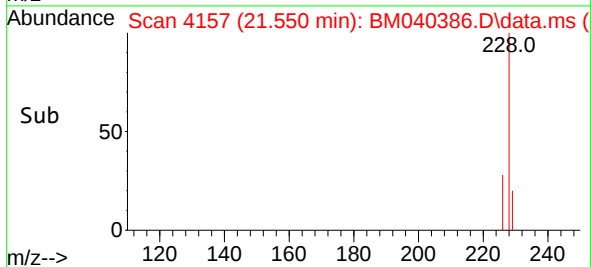
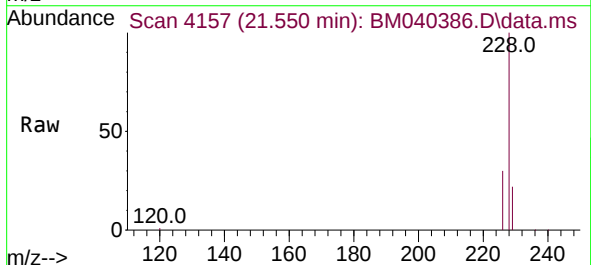
Manual Integrations
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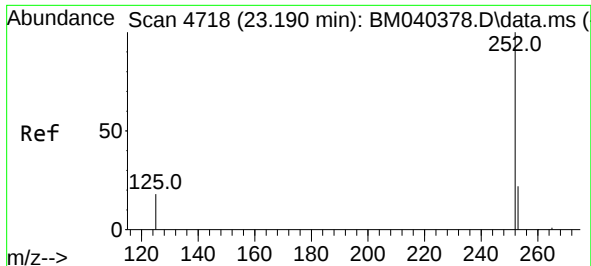
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#22
Chrysene
Concen: 4.438 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

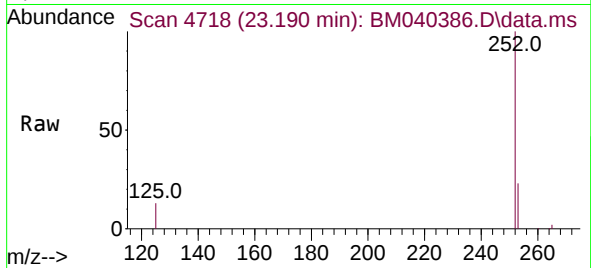
Tgt Ion:228 Resp: 308741
Ion Ratio Lower Upper
228 100
226 30.4 24.9 37.3
229 21.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.233 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

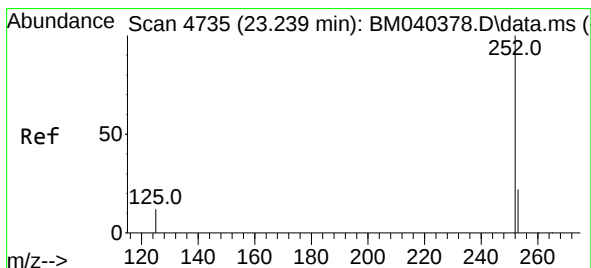
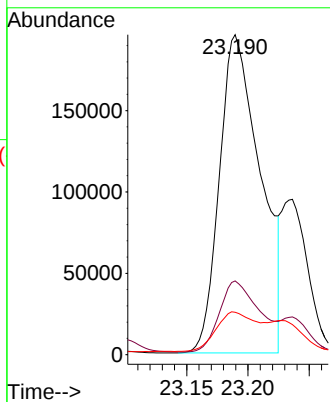
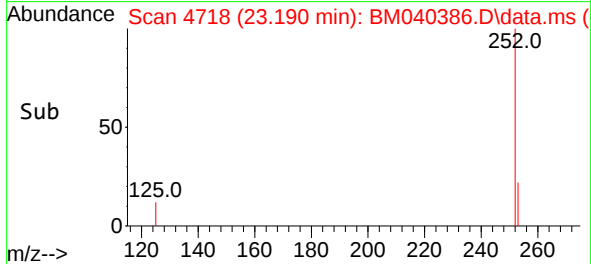
Instrument :
BNA_M
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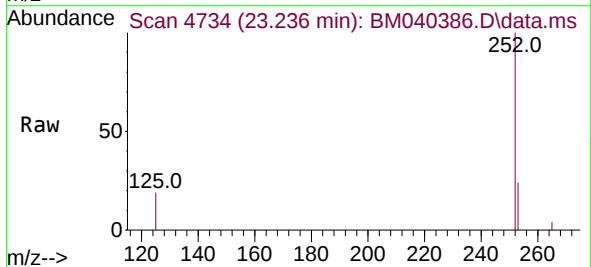
Tgt Ion:252 Resp: 453904
Ion Ratio Lower Upper
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253 23.0 0.0 52.8
125 13.2 0.0 43.0

Manual Integrations
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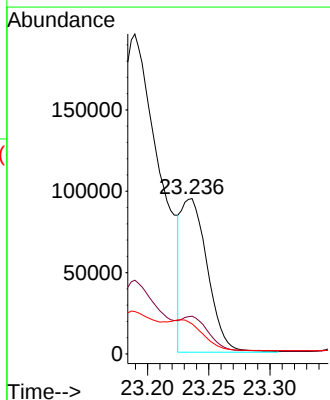
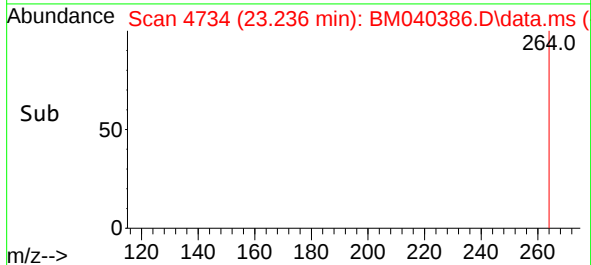
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

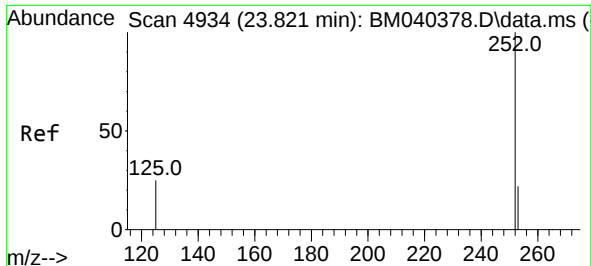


#25
Benzo(k)fluoranthene
Concen: 2.295 ng/ul m
RT: 23.236 min Scan# 4734
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38



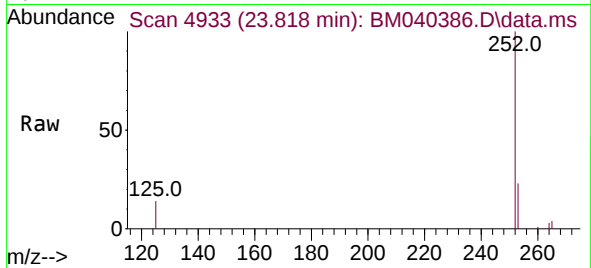
Tgt Ion:252 Resp: 141935
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 19.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 4.616 ng/ul
RT: 23.818 min Scan# 4934
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

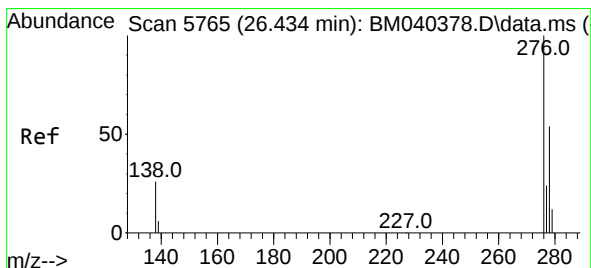
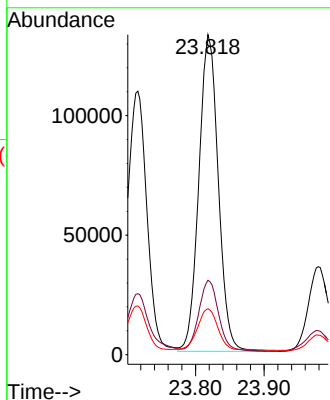
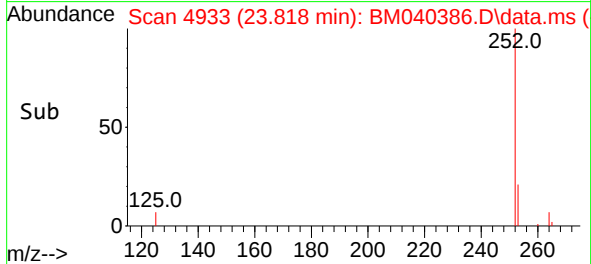
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:252 Resp: 26093
Ion Ratio Lower Upper
252 100
253 23.3 22.9 34.3
125 14.4 21.0 31.4

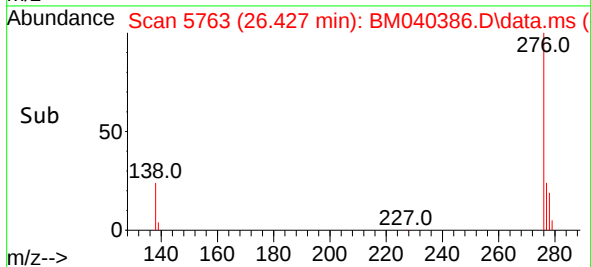
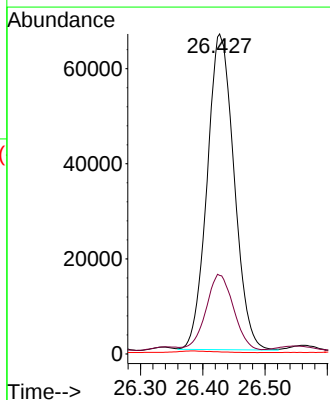
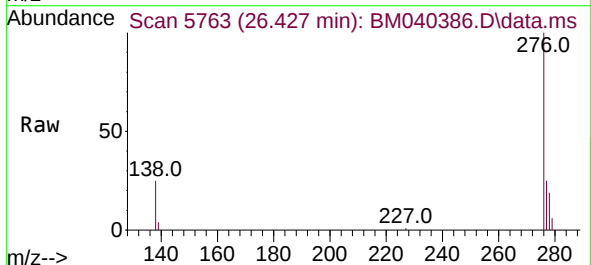
Manual Integrations
APPROVED

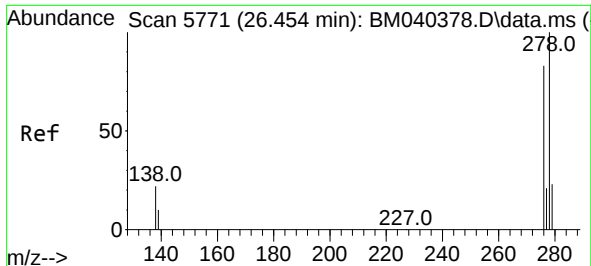
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.539 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.007 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

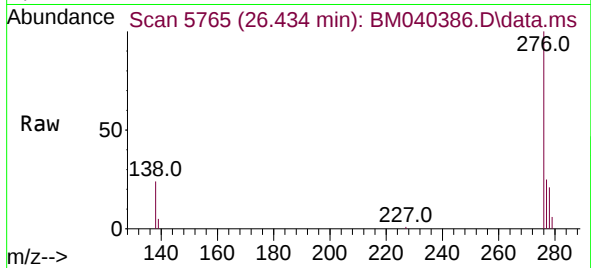
Tgt Ion:276 Resp: 199887
Ion Ratio Lower Upper
276 100
138 24.6 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.802 ng/ul
RT: 26.434 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

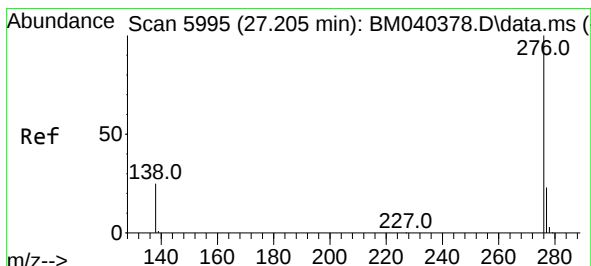
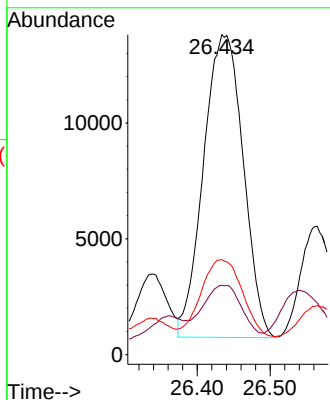
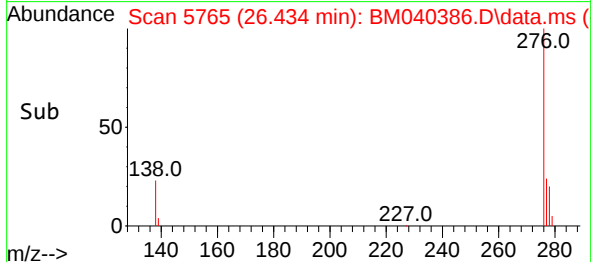
Instrument :
BNA_M
ClientSampleId :
DCFQ7



Tgt Ion:278 Resp: 4946
Ion Ratio Lower Upper
278 100
139 21.7 17.9 26.9
279 29.7 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#29
Benzo(g,h,i)perylene
Concen: 2.621 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:276 Resp: 180859
Ion Ratio Lower Upper
276 100
138 25.7 23.0 34.6
277 24.2 20.3 30.5

