

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
 Data File : BM040390.D
 Acq On : 24 Jun 2023 00:06
 Operator : MA/JU
 Sample : 03084-14DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 01:39:38 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	9099	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	34495	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	17012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	33722	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	19554	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17270	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	7236	0.506	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1829	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	2912	0.046	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.811	128	93955	0.988	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	19682	0.352	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	7415	0.133	ng/ul	100
10) Acenaphthylene	14.309	152	102970	1.355	ng/ul	99
11) Acenaphthene	14.651	153	6524	0.102	ng/ul	96
12) Fluorene	15.636	166	8013	0.117	ng/ul#	96
15) Phenanthrene	17.374	178	179763	1.716	ng/ul	99
16) Anthracene	17.467	178	51565	0.586	ng/ul	100
19) Fluoranthene	19.389	202	508438	6.121	ng/ul	96
20) Pyrene	19.751	202	393760	4.422	ng/ul	98
21) Benzo(a)anthracene	21.494	228	239787	3.625	ng/ul	98
22) Chrysene	21.550	228	226029	2.996	ng/ul	98
24) Benzo(b)fluoranthene	23.189	252	348702	5.217	ng/ul	89
25) Benzo(k)fluoranthene	23.233	252	106964m	1.624	ng/ul	
26) Benzo(a)pyrene	23.818	252	201618	3.349	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	172034	2.052	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.440	278	41060	0.625	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	157472	2.143	ng/ul	96

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

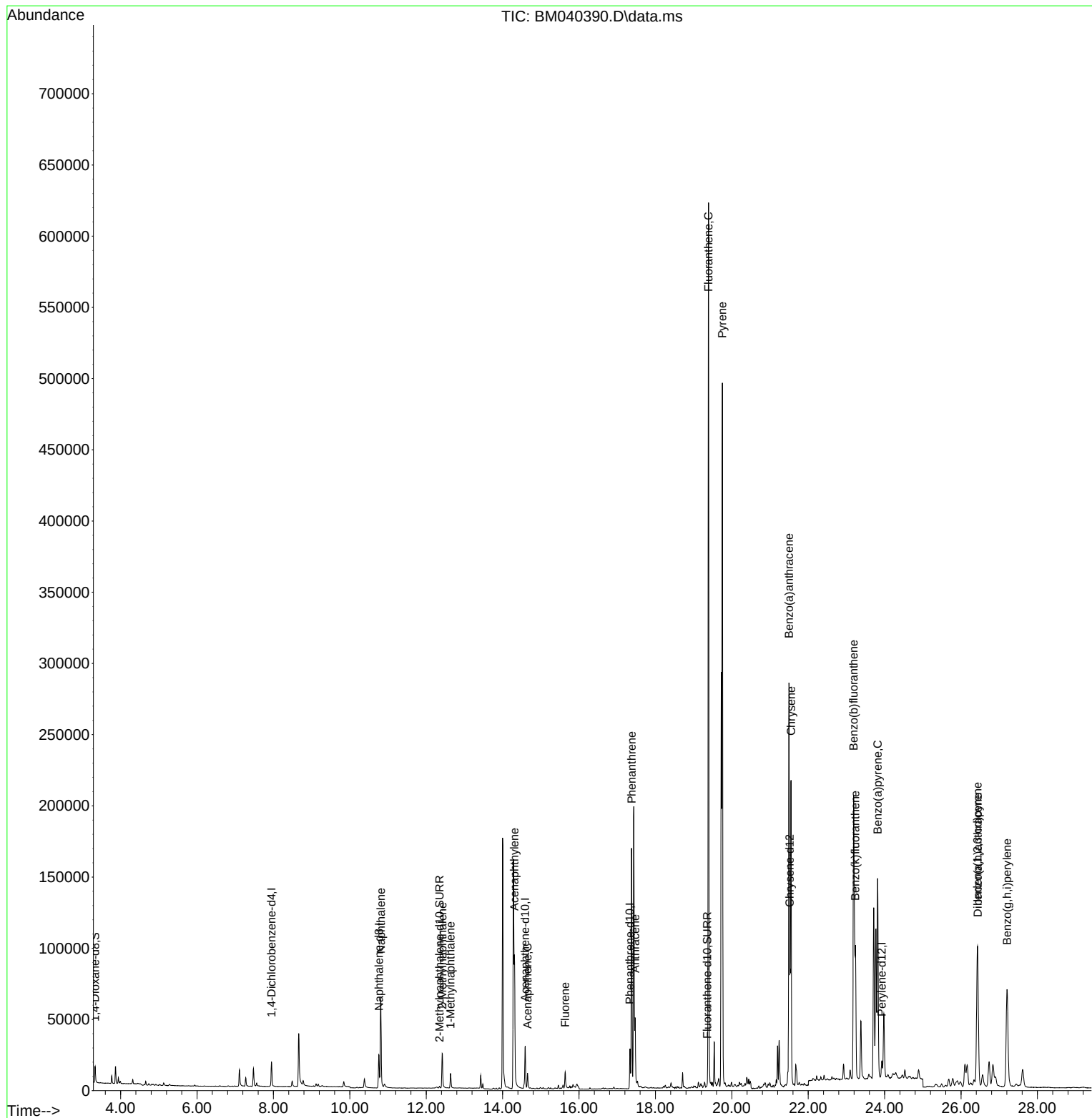
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040390.D
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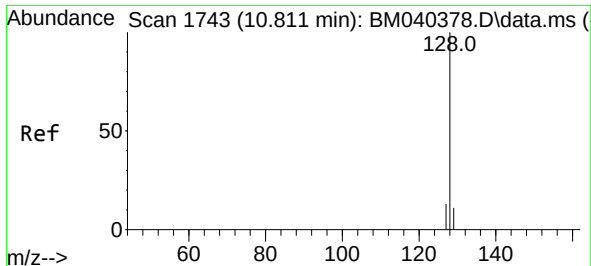
Instrument :
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Quant Time: Jun 24 01:39:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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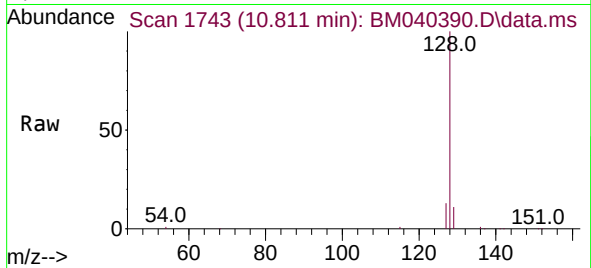
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023





#5
Naphthalene
Concen: 0.988 ng/ul
RT: 10.811 min Scan# 1743
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

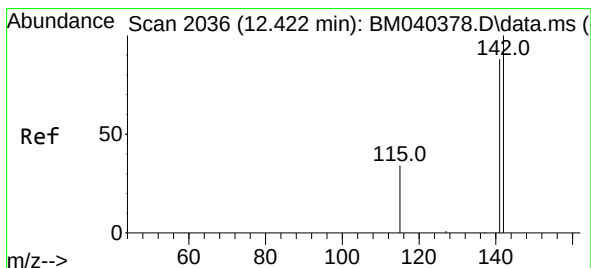
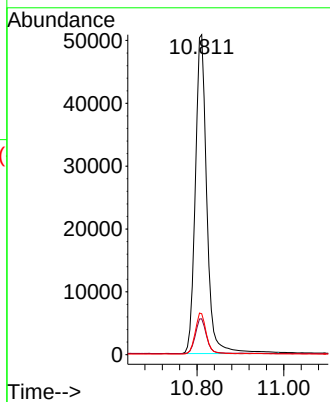
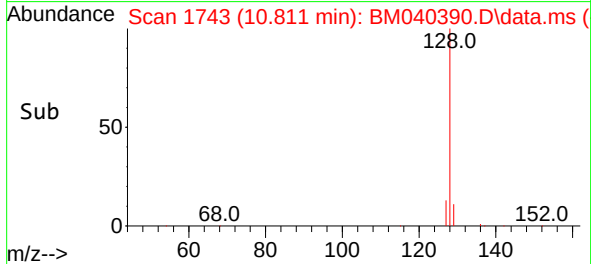
Instrument :
BNA_M
ClientSampleId :
DCFN1DL



Tgt Ion:128 Resp: 9395
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 12.8 10.6 15.8

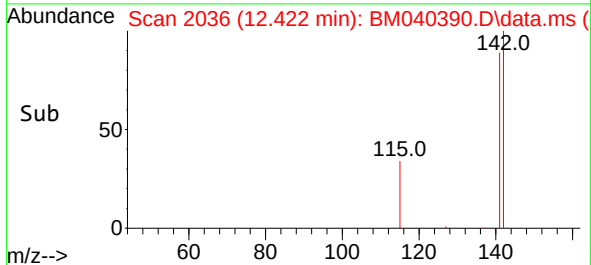
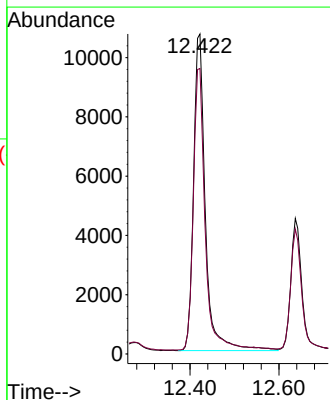
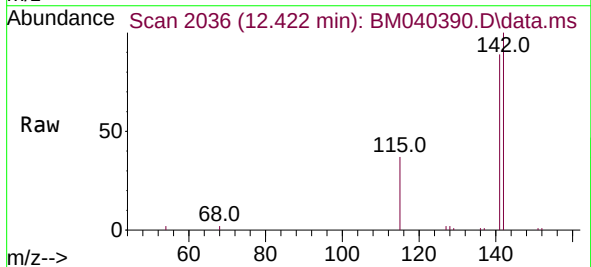
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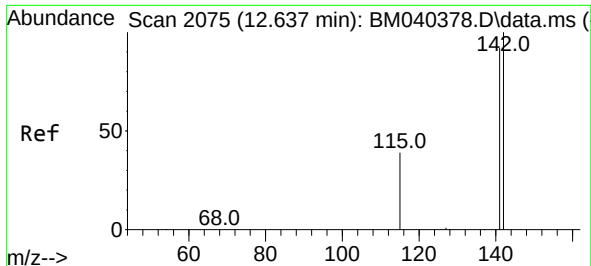
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

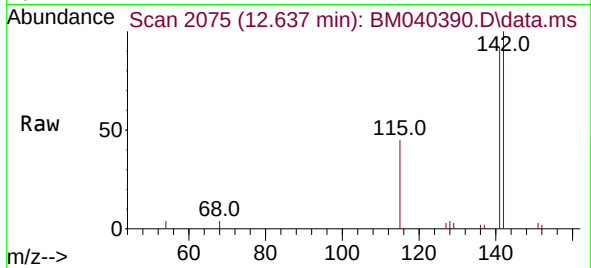
Tgt Ion:142 Resp: 19682
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.133 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

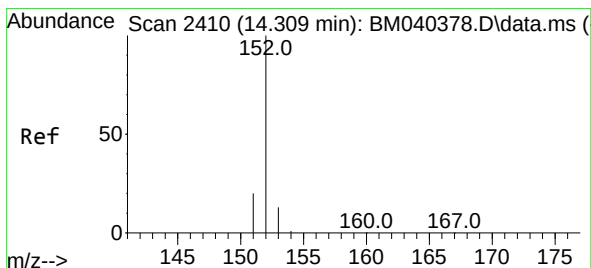
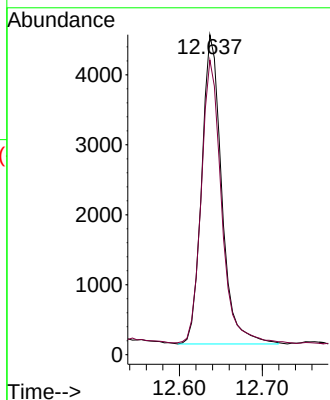
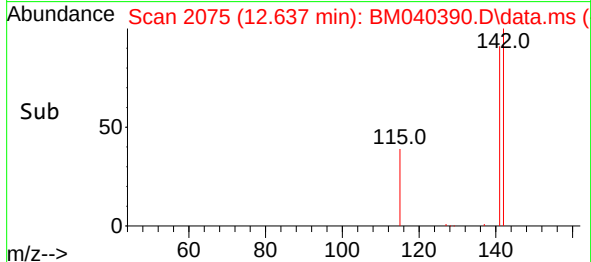
Instrument :
BNA_M
ClientSampleId :
DCFN1DL



Tgt Ion:142 Resp: 7415
Ion Ratio Lower Upper
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141 92.0 73.7 110.5

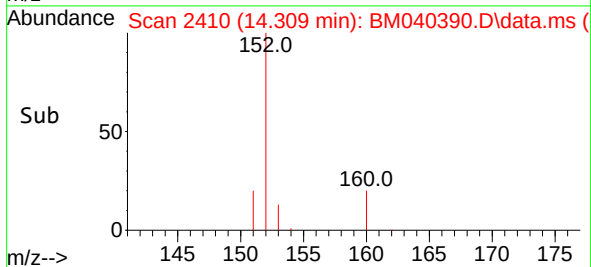
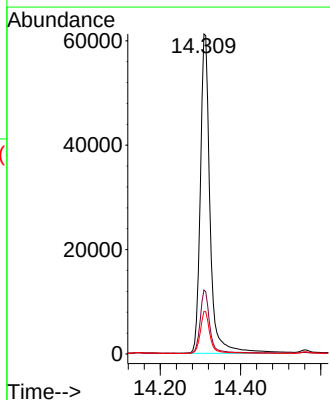
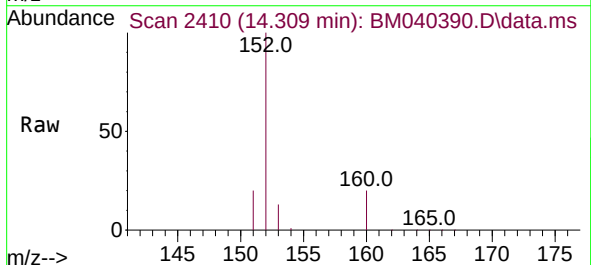
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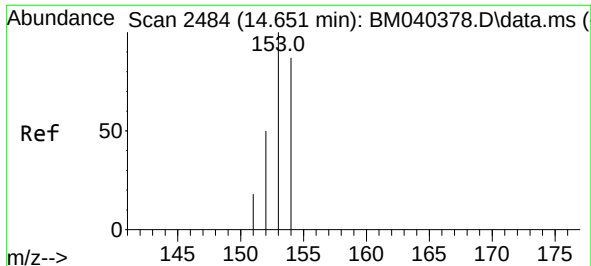
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#10
Acenaphthylene
Concen: 1.355 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

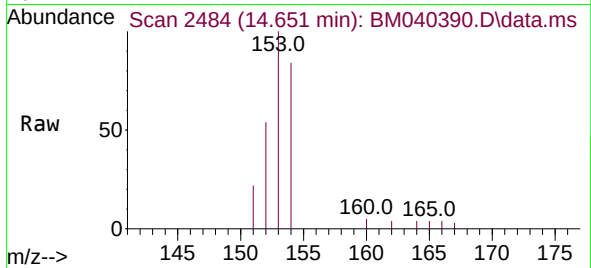
Tgt Ion:152 Resp: 102970
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.9 16.3





#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

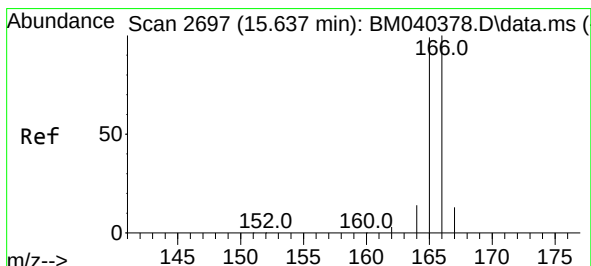
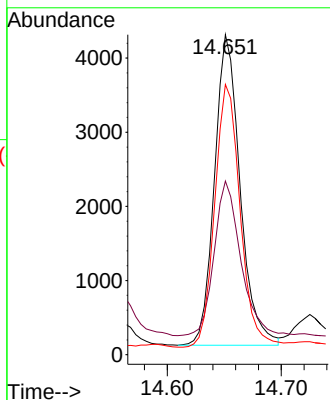
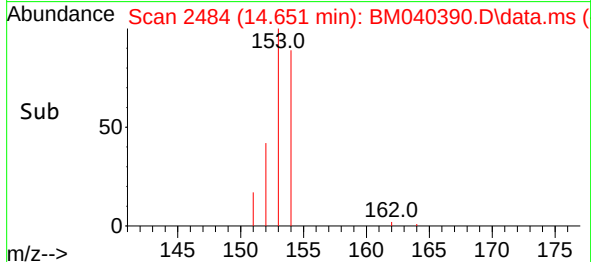
Instrument :
BNA_M
ClientSampleId :
DCFN1DL



Tgt Ion:153 Resp: 6524
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.4
154 84.5 70.8 106.2

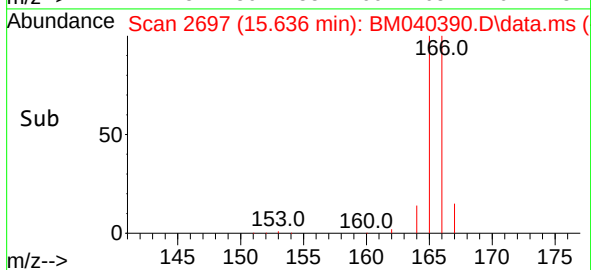
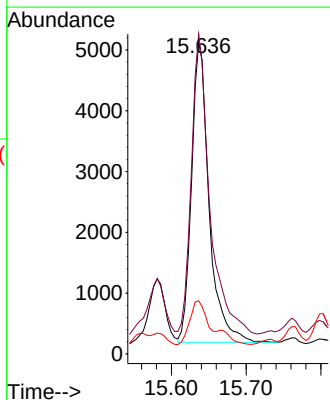
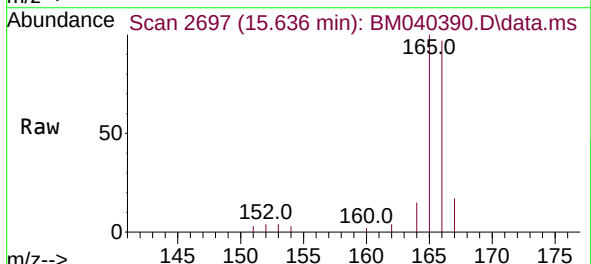
Manual Integrations
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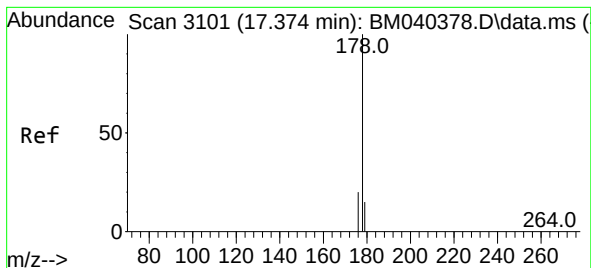
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:166 Resp: 8013
Ion Ratio Lower Upper
166 100
165 102.8 79.6 119.4
167 17.1 11.4 17.0#





#15

Phenanthrene

Concen: 1.716 ng/u1

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040390.D

Acq: 24 Jun 2023 00:06

Instrument :

BNA_M

ClientSampleId :

DCFN1DL

Tgt Ion:178 Resp: 17976

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

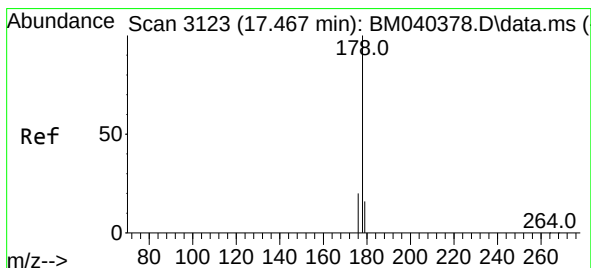
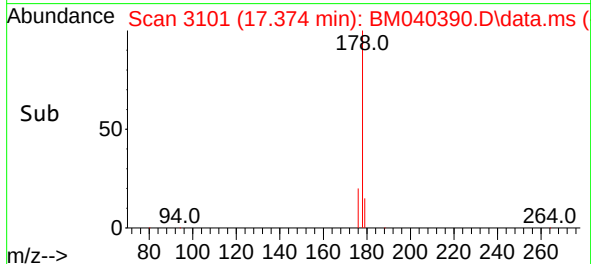
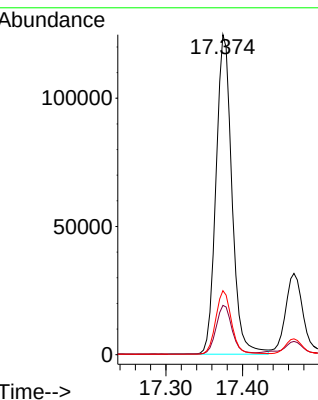
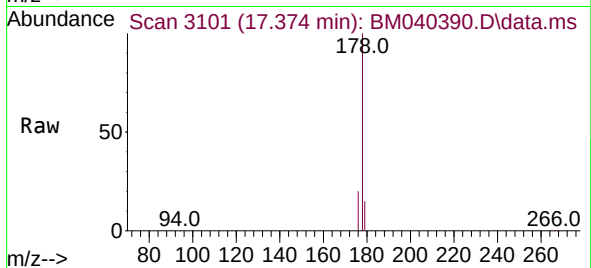
176 20.0 16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/24/2023

Supervised By :mohammad ahmed 06/27/2023



#16

Anthracene

Concen: 0.586 ng/u1

RT: 17.467 min Scan# 3123

Delta R.T. -0.004 min

Lab File: BM040390.D

Acq: 24 Jun 2023 00:06

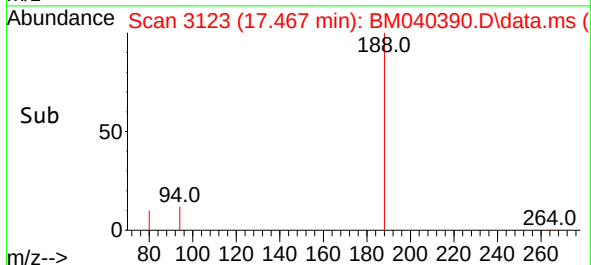
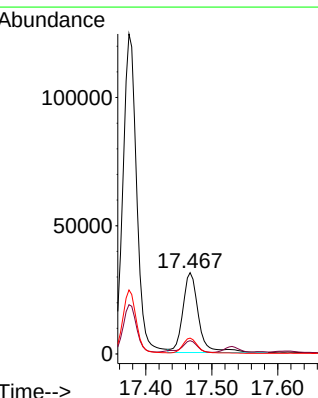
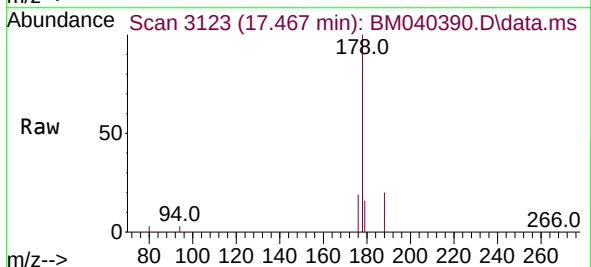
Tgt Ion:178 Resp: 51565

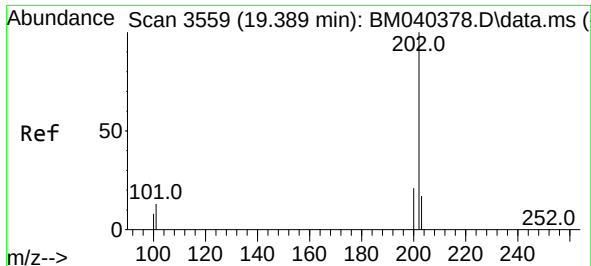
Ion Ratio Lower Upper

178 100

179 16.2 12.9 19.3

176 19.5 15.8 23.6





#19
Fluoranthene
Concen: 6.121 ng/u1
RT: 19.389 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :

BNA_M

ClientSampleId :

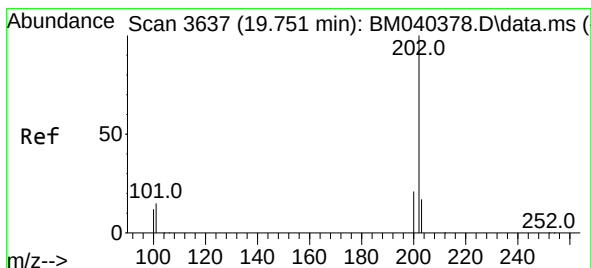
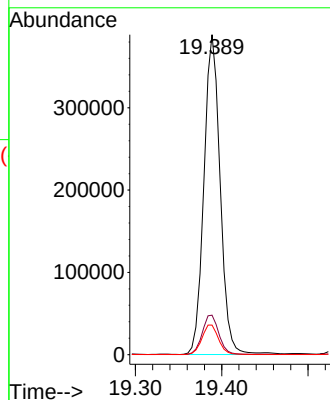
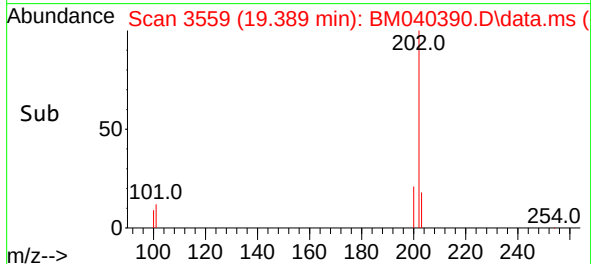
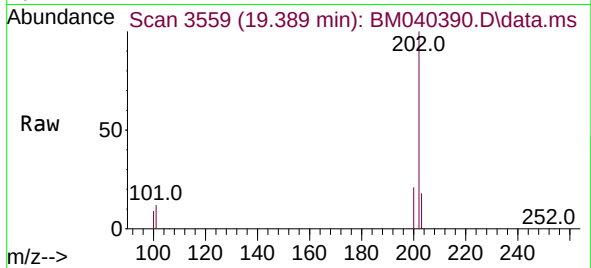
DCFN1DL

Tgt Ion:202 Resp: 508438
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 9.3 8.7 13.1

Manual Integrations

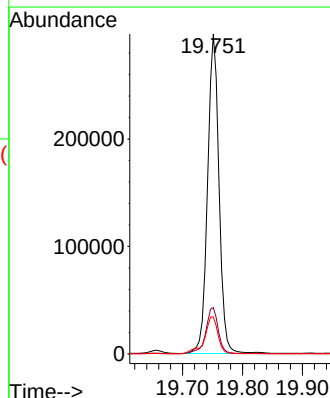
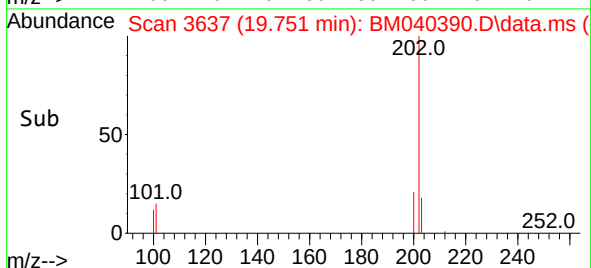
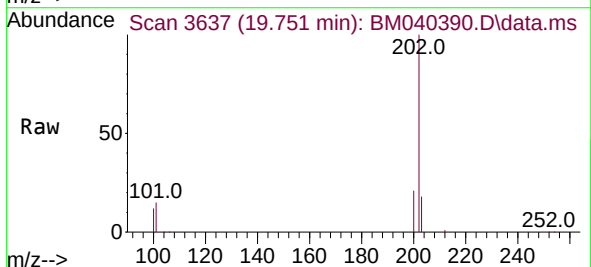
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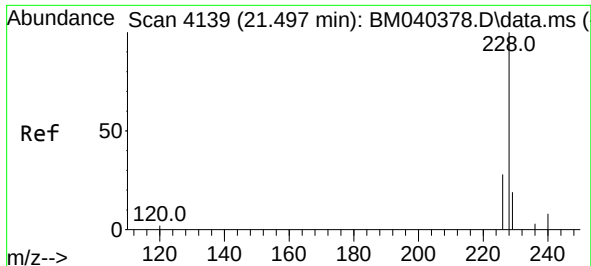
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023



#20
Pyrene
Concen: 4.422 ng/u1
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

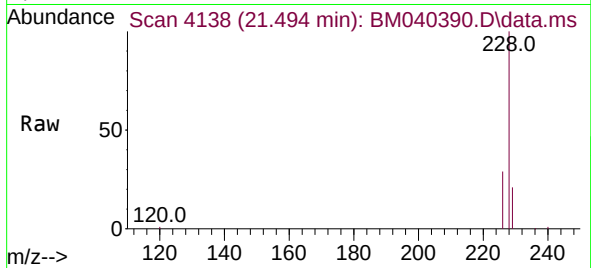
Tgt Ion:202 Resp: 393760
Ion Ratio Lower Upper
202 100
101 14.5 12.6 18.8
100 11.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 3.625 ng/u1
RT: 21.494 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

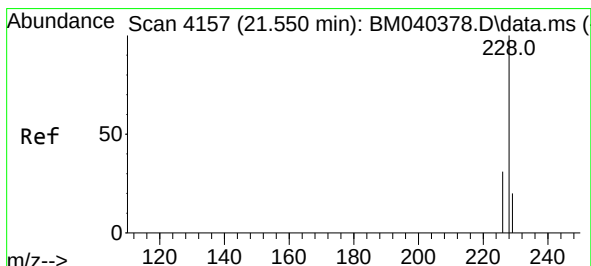
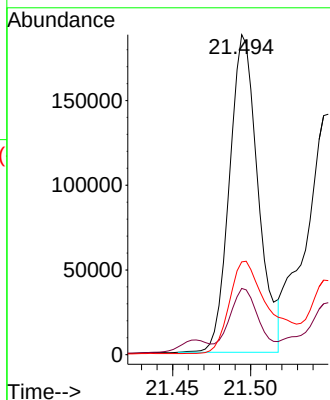
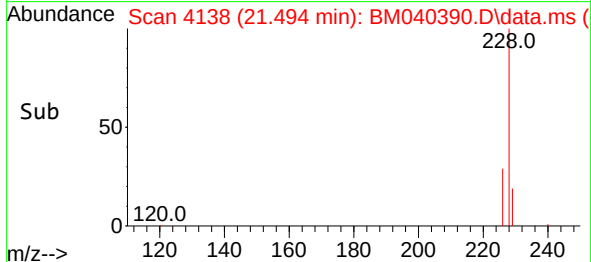
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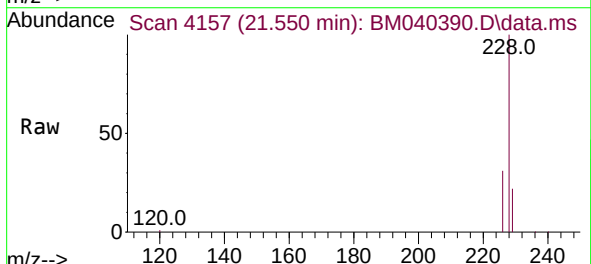
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Ion Ratio Lower Upper
228 100
229 20.7 16.0 24.0
226 29.0 22.3 33.5

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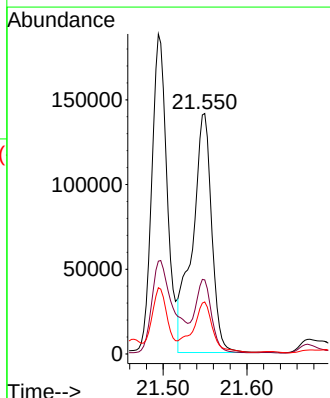
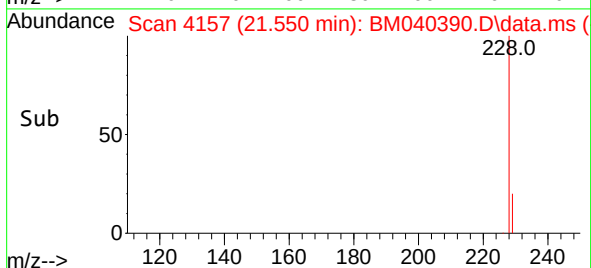
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

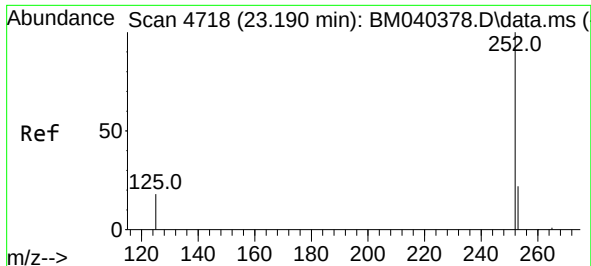


#22
Chrysene
Concen: 2.996 ng/u1
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06



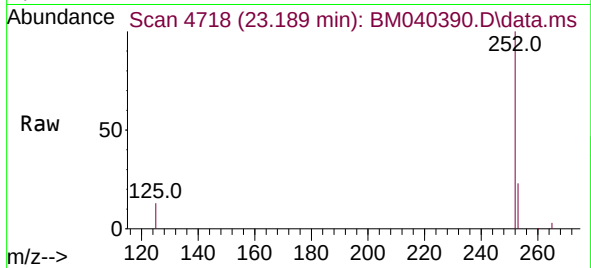
Tgt Ion:228 Resp: 226029
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 5.217 ng/ul
RT: 23.189 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

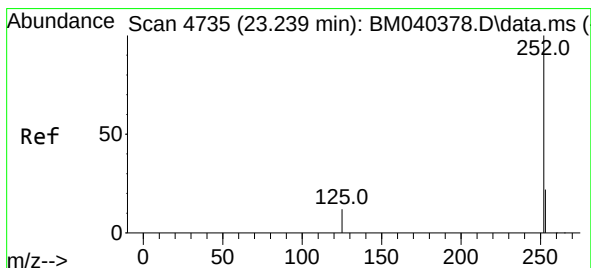
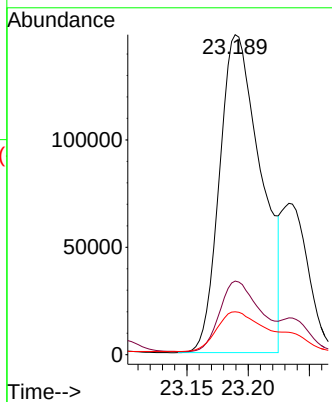
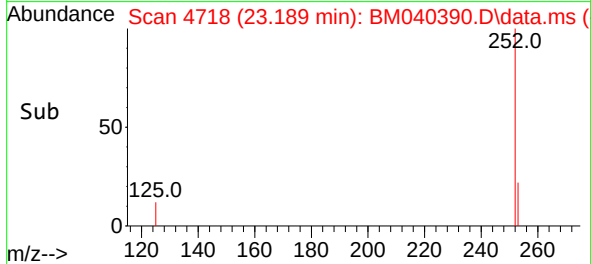
Instrument :
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ClientSampleId :
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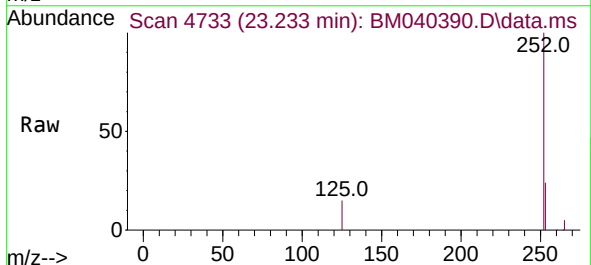
Tgt Ion:252 Resp: 348702
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 13.4 0.0 43.0

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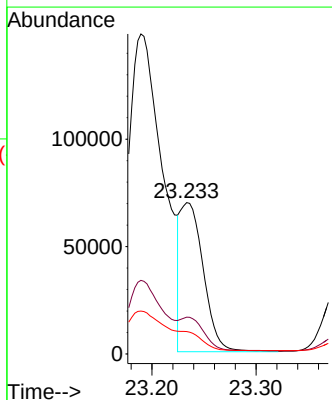
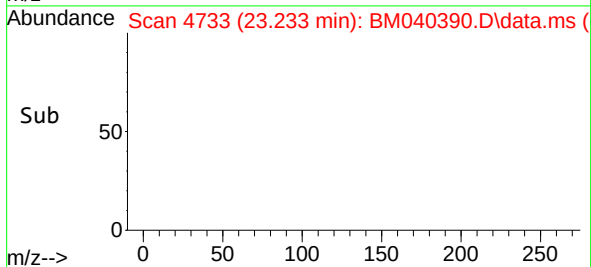
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

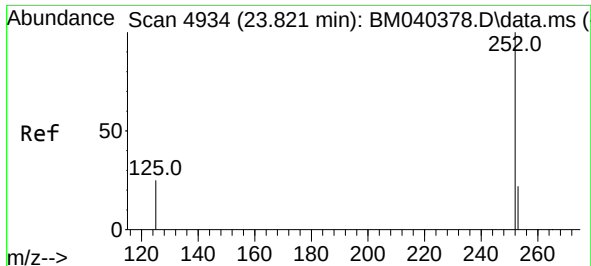


#25
Benzo(k)fluoranthene
Concen: 1.624 ng/ul m
RT: 23.233 min Scan# 4733
Delta R.T. -0.009 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06



Tgt Ion:252 Resp: 106964
Ion Ratio Lower Upper
252 100
253 24.3 21.2 31.8
125 14.8 16.4 24.6#





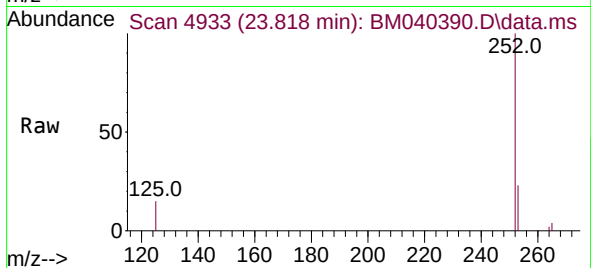
#26
Benzo(a)pyrene
Concen: 3.349 ng/u1
RT: 23.818 min Scan# 4934
Delta R.T. -0.006 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :

BNM_M

ClientSampleId :

DCFN1DL

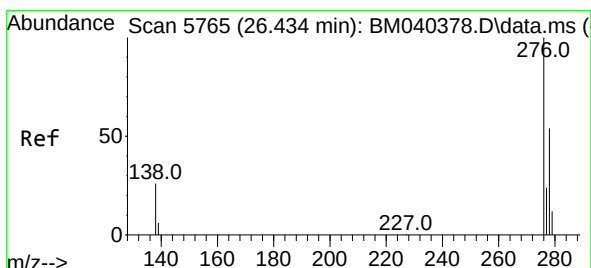
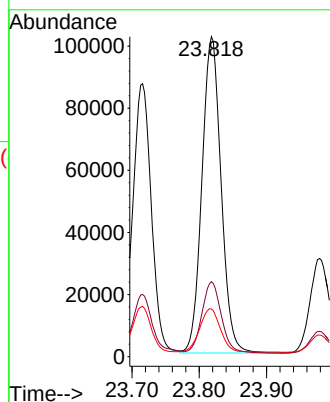
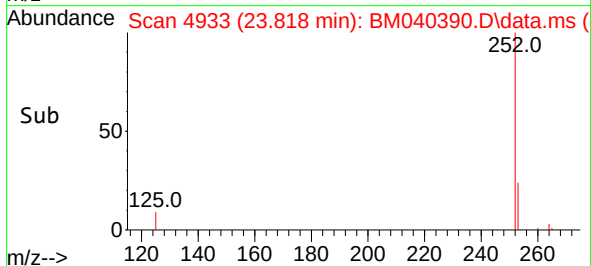


Tgt Ion:252 Resp: 201618
Ion Ratio Lower Upper
252 100
253 23.5 22.9 34.3
125 14.9 21.0 31.4

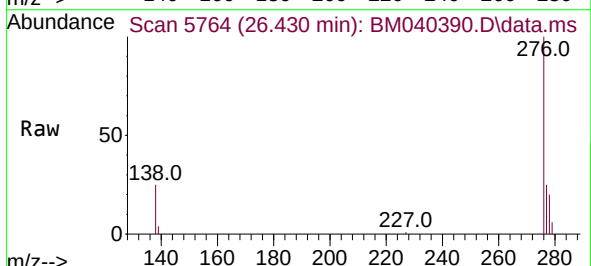
Manual Integrations

APPROVED

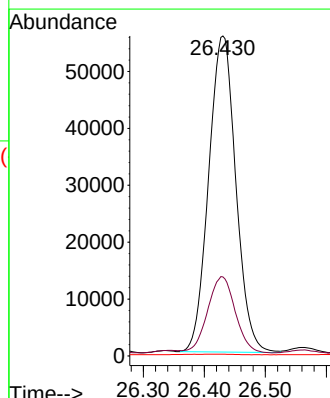
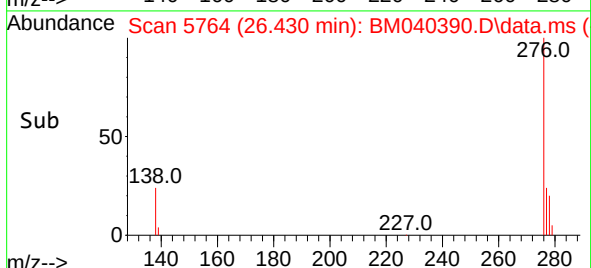
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/27/2023

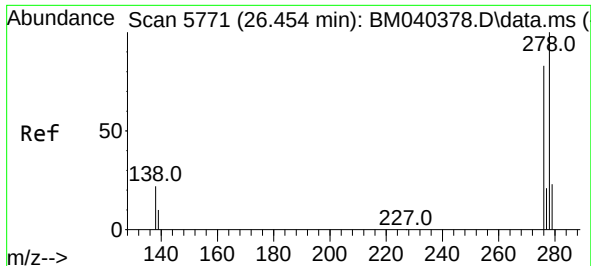


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.052 ng/u1
RT: 26.430 min Scan# 5764
Delta R.T. -0.004 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06



Tgt Ion:276 Resp: 172034
Ion Ratio Lower Upper
276 100
138 24.7 24.5 36.7
227 0.2 0.1 0.1





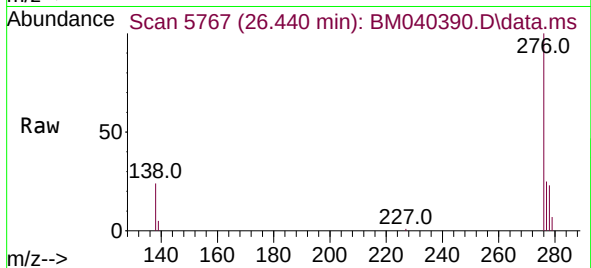
#28
Dibenzo(a,h)anthracene
Concen: 0.625 ng/ul
RT: 26.440 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Instrument :

BNA_M

ClientSampleId :

DCFN1DL

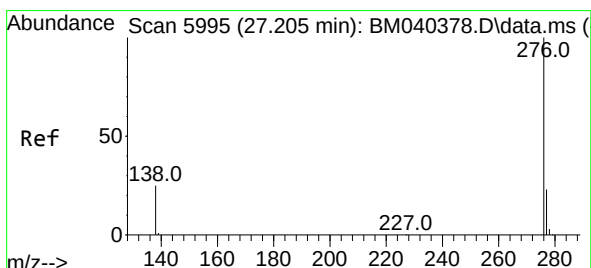
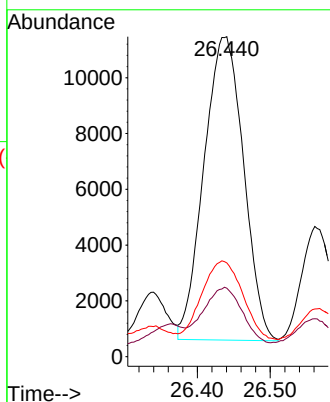
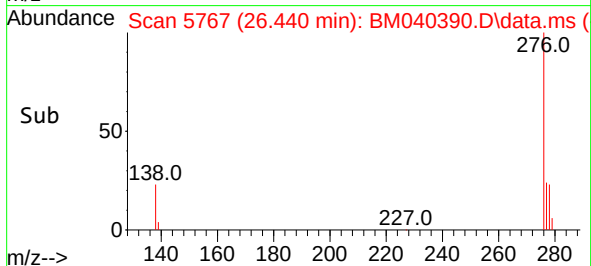


Tgt Ion:278 Resp: 41060
Ion Ratio Lower Upper
278 100
139 21.4 17.9 26.9
279 29.3 22.0 33.0

Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.143 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. -0.000 min
Lab File: BM040390.D
Acq: 24 Jun 2023 00:06

Tgt Ion:276 Resp: 157472
Ion Ratio Lower Upper
276 100
138 25.3 23.0 34.6
277 24.3 20.3 30.5

