

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040280.D
 Acq On : 16 Jun 2023 14:42
 Operator : MA/JU
 Sample : 03080-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 16 23:38:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8206	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	27951	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.605	164	13906	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	24731	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	19233	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	23089	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	29322	2.894	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	7200	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	12207	0.254	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	35241	0.532	ng/ul	99
7) 2-Methylnaphthalene	12.439	142	18059	0.439	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	12039	0.279	ng/ul	99
10) Acenaphthylene	14.327	152	37968	0.781	ng/ul	99
11) Acenaphthene	14.670	153	17261	0.414	ng/ul	99
12) Fluorene	15.655	166	12368	0.266	ng/ul	99
14) Pentachlorophenol	16.999	266	1122	0.222	ng/ul	99
15) Phenanthrene	17.391	178	304911	4.689	ng/ul	99
16) Anthracene	17.484	178	59219	1.075	ng/ul	100
19) Fluoranthene	19.403	202	728020	11.112	ng/ul	100
20) Pyrene	19.765	202	644473	9.468	ng/ul	99
21) Benzo(a)anthracene	21.512	228	360090	6.343	ng/ul	97
22) Chrysene	21.564	228	443061	7.388	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	755644	8.878	ng/ul	93
25) Benzo(k)fluoranthene	23.257	252	253854m	3.167	ng/ul	
26) Benzo(a)pyrene	23.844	252	550613	7.883	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.471	276	454827	5.144	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.481	278	122653	1.728	ng/ul#	91
29) Benzo(g,h,i)perylene	27.252	276	544844	7.378	ng/ul	99

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

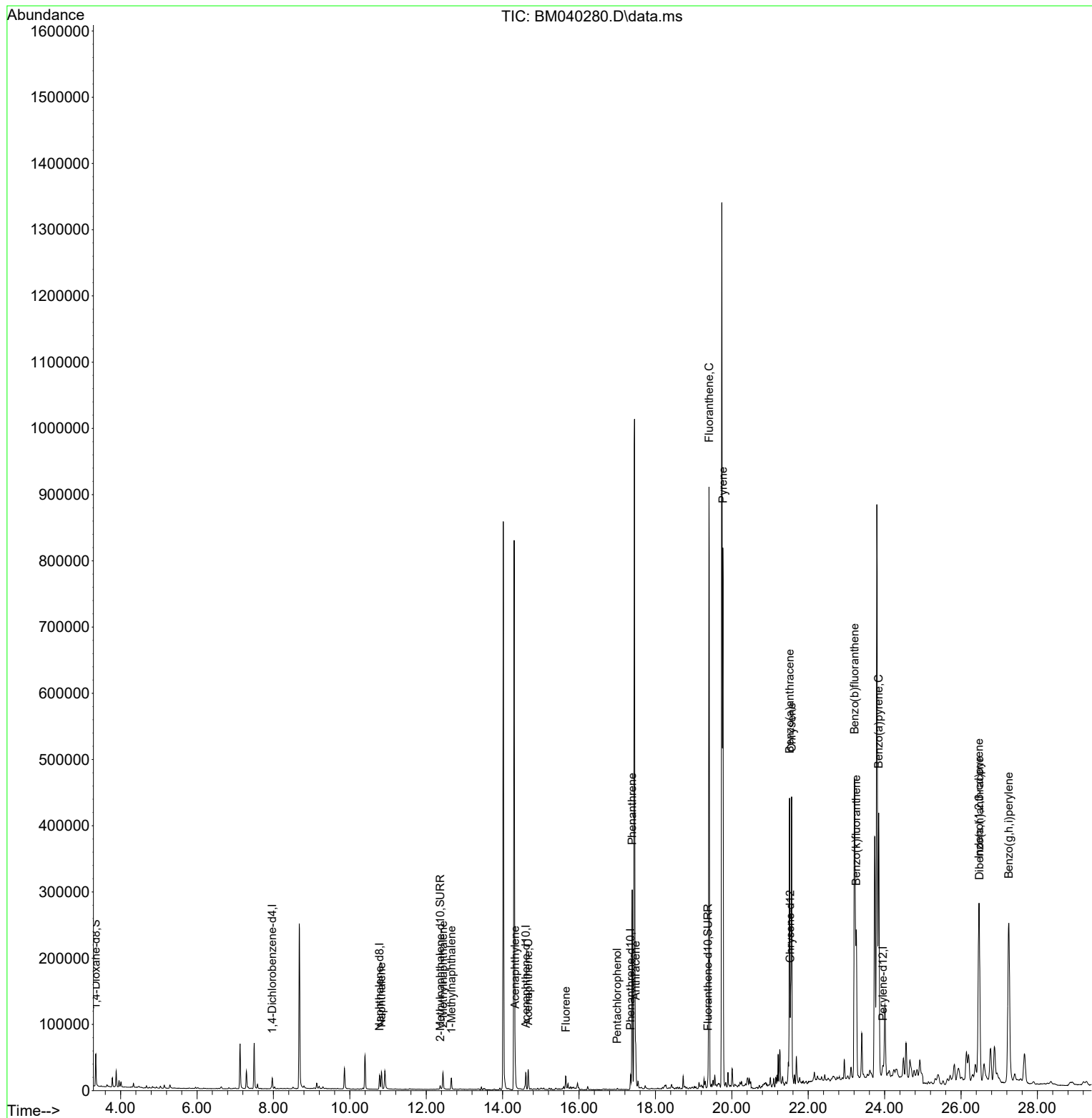
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040280.D
Acq On : 16 Jun 2023 14:42
Operator : MA/JU
Sample : 03080-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

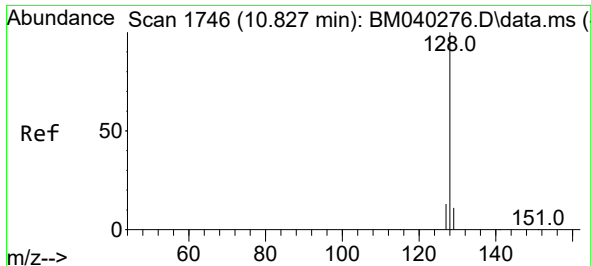
Instrument :
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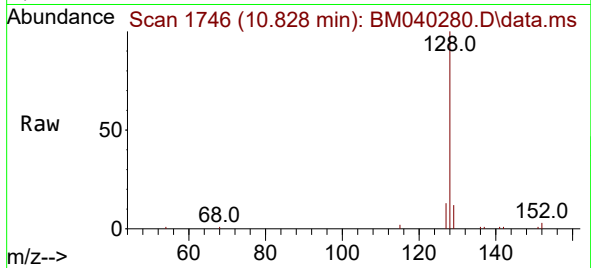
Quant Time: Jun 16 23:38:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.532 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

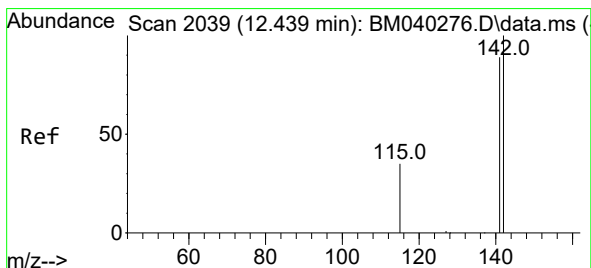
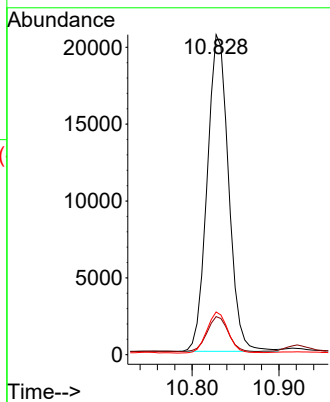
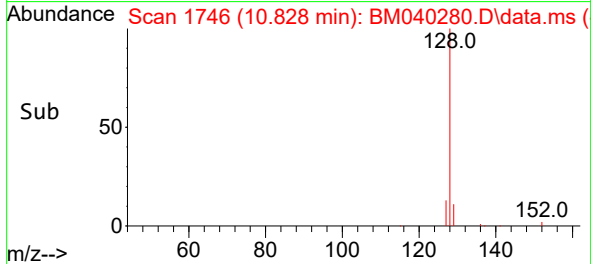
Instrument :
BNA_M
ClientSampleId :
DCFH3



Tgt Ion:128 Resp: 3524
Ion Ratio Lower Upper
128 100
129 11.9 9.1 13.7
127 13.3 10.4 15.6

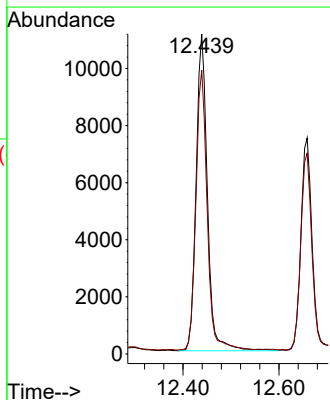
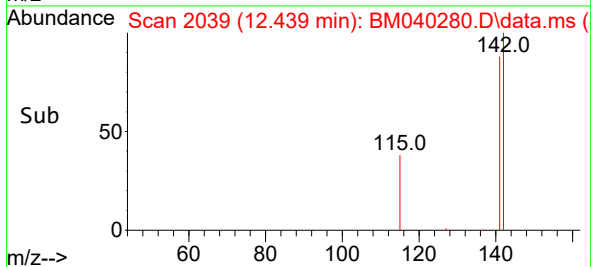
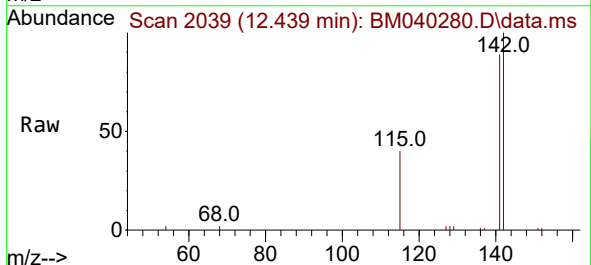
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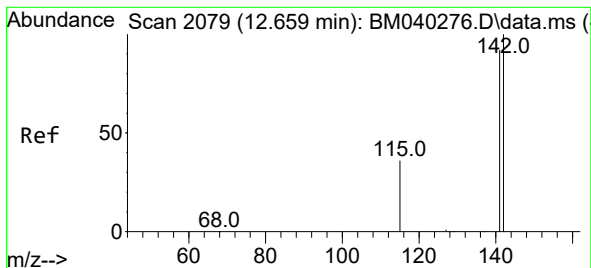
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.439 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

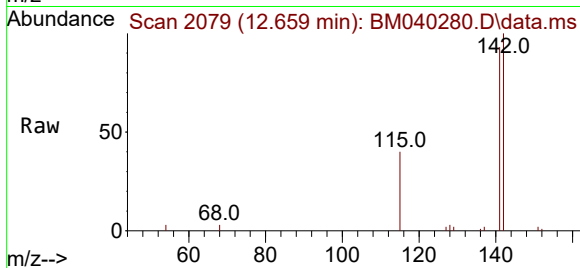
Tgt Ion:142 Resp: 18059
Ion Ratio Lower Upper
142 100
141 88.0 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

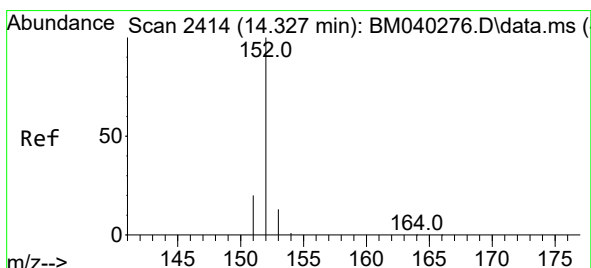
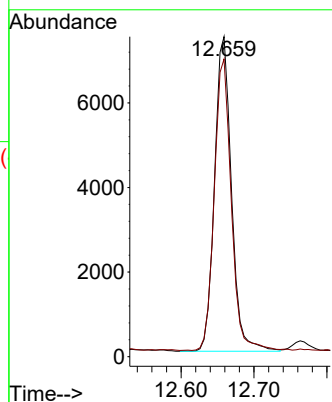
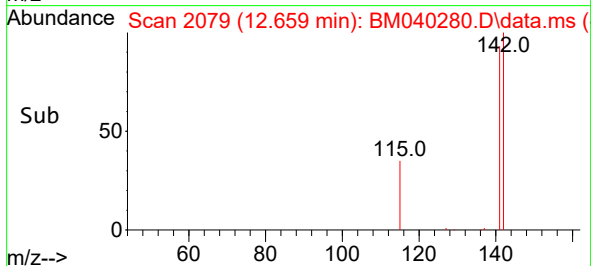
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:142 Resp: 12039
Ion Ratio Lower Upper
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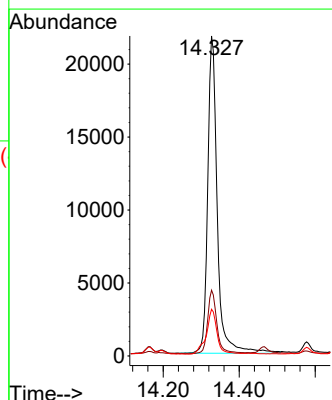
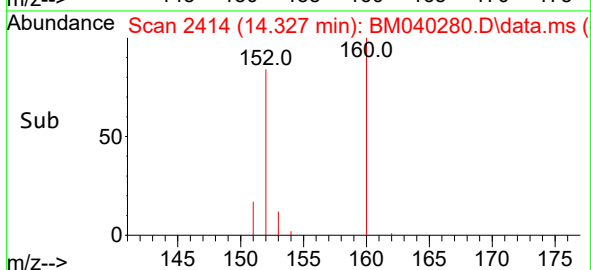
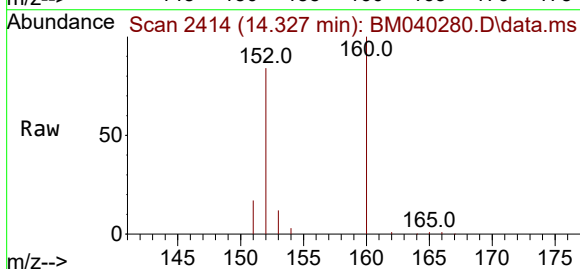
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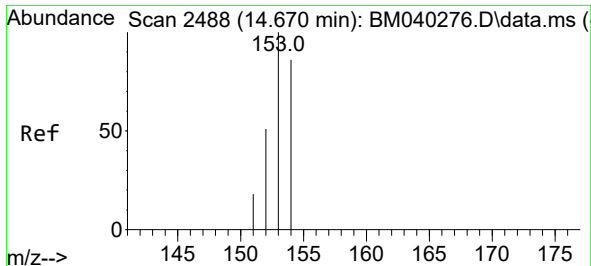
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.781 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

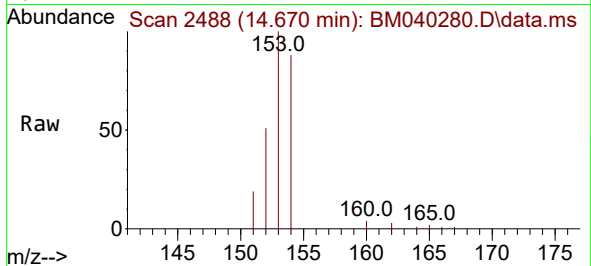
Tgt Ion:152 Resp: 37968
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.6 10.7 16.1





#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

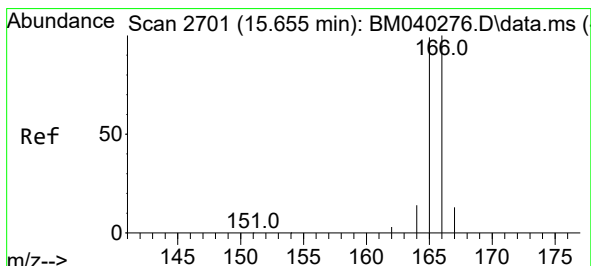
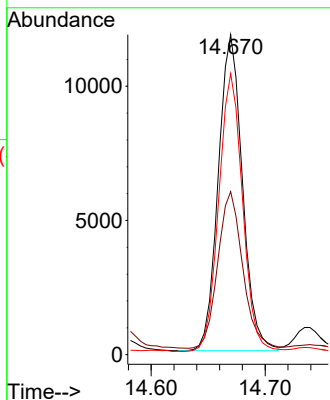
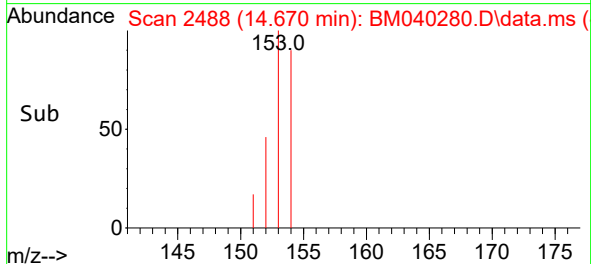
Instrument :
BNA_M
ClientSampleId :
DCFH3



Tgt Ion:153 Resp: 1726
Ion Ratio Lower Upper
153 100
152 51.0 40.3 60.5
154 87.8 70.5 105.7

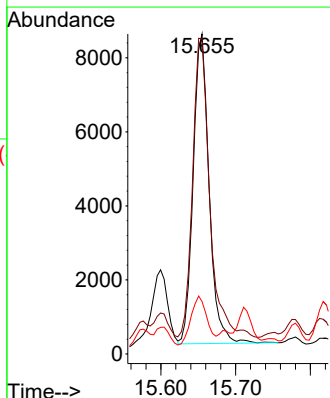
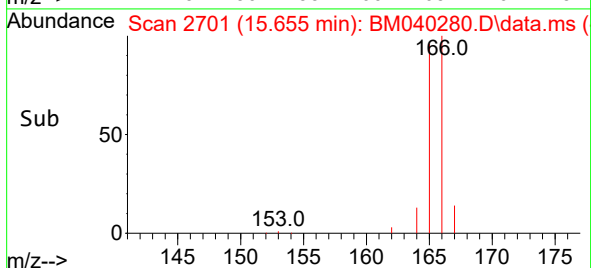
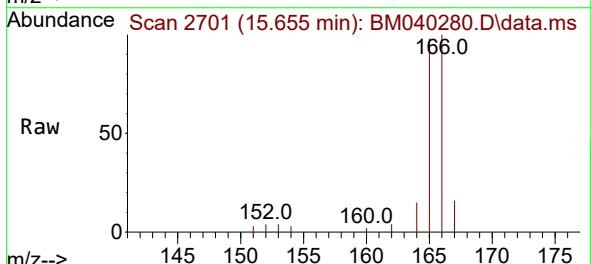
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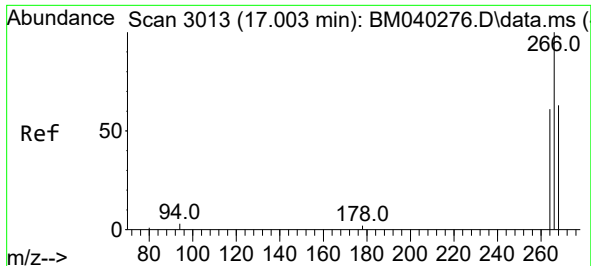
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.266 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

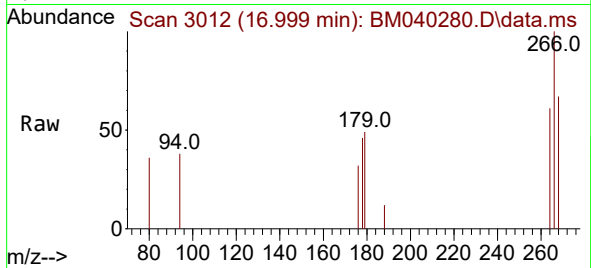
Tgt Ion:166 Resp: 12368
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.4
167 16.4 11.0 16.4





#14
Pentachlorophenol
Concen: 0.222 ng/ul
RT: 16.999 min Scan# 3012
Delta R.T. -0.008 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

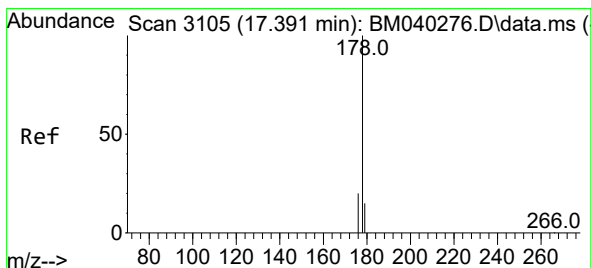
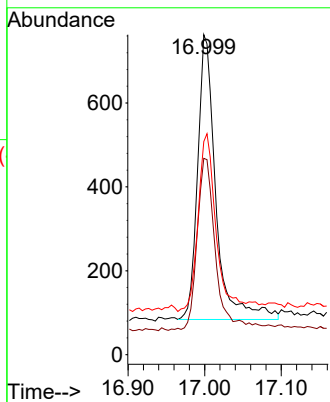
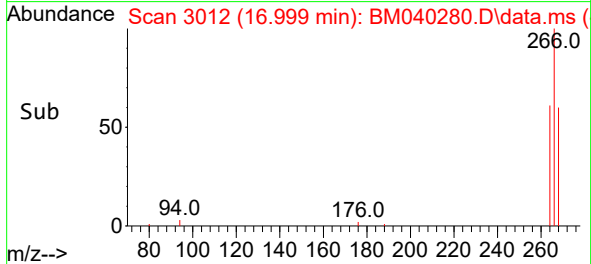
Instrument :
BNA_M
ClientSampleId :
DCFH3



Tgt Ion:266 Resp: 112
Ion Ratio Lower Upper
266 100
264 63.4 49.4 74.0
268 63.6 51.3 76.9

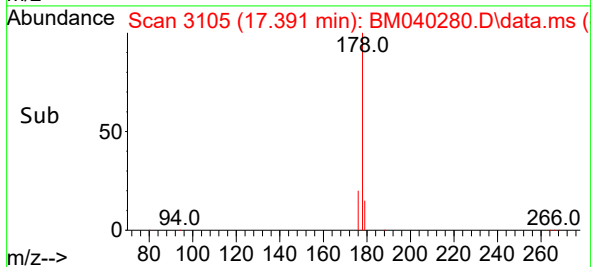
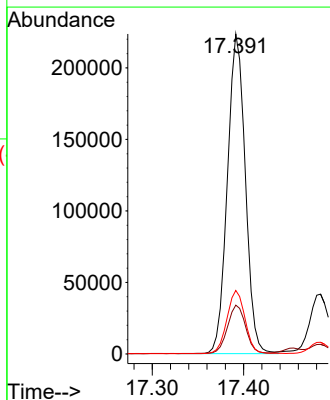
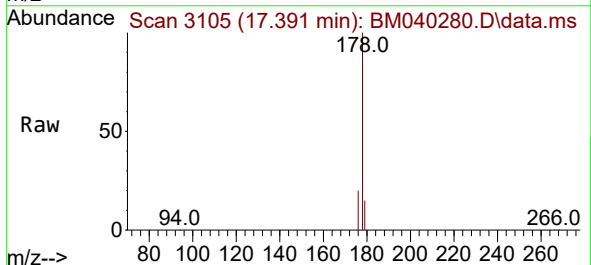
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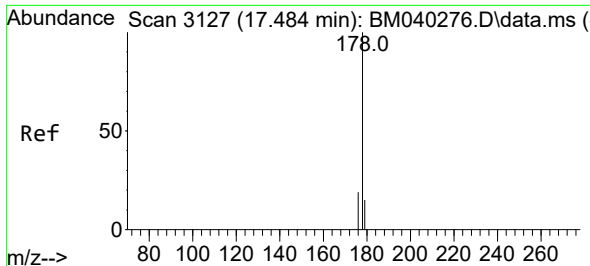
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#15
Phenanthrene
Concen: 4.689 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

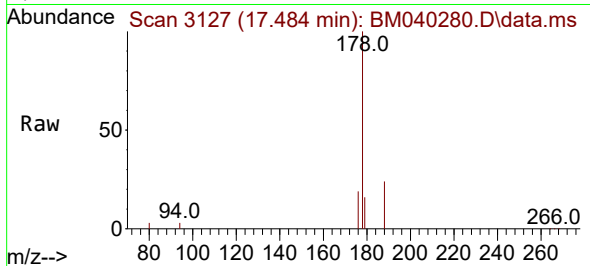
Tgt Ion:178 Resp: 304911
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.8 16.1 24.1





#16
 Anthracene
 Concen: 1.075 ng/ul
 RT: 17.484 min Scan# 3127
 Delta R.T. -0.004 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

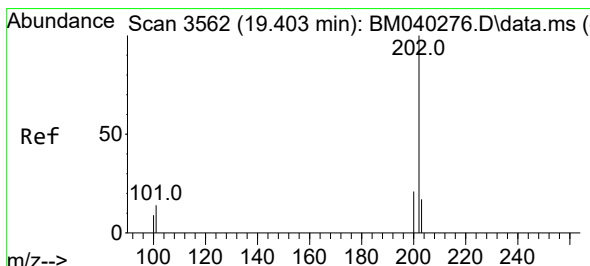
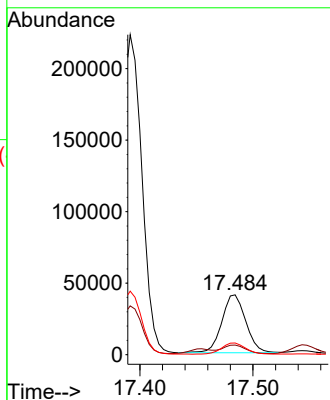
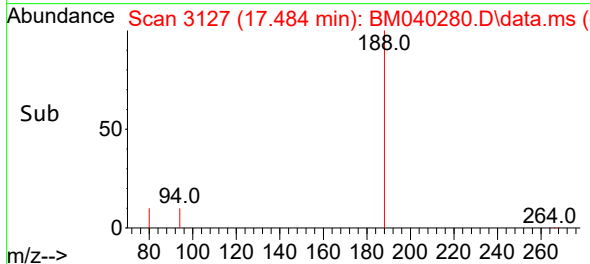
Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion:178 Resp: 59219
 Ion Ratio Lower Upper
 178 100
 179 16.1 13.0 19.4
 176 19.4 15.5 23.3

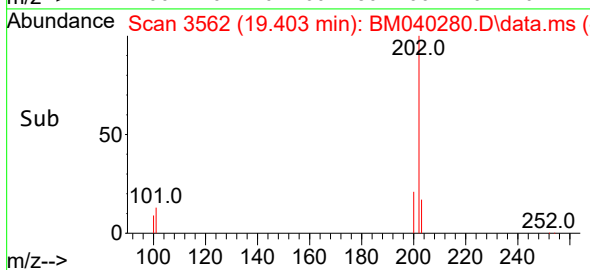
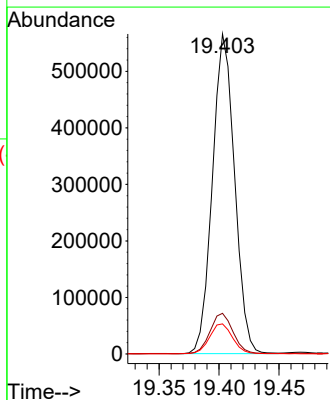
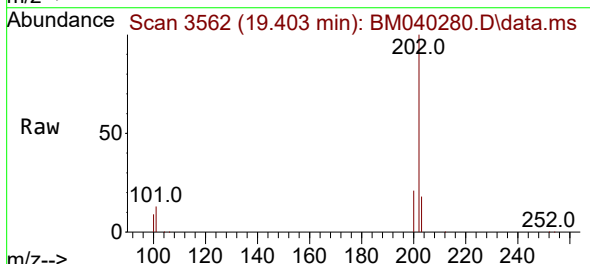
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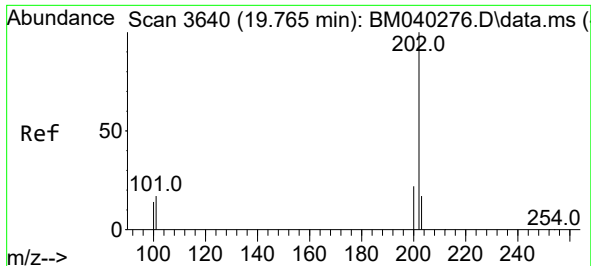
Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :mohammad ahmed 06/20/2023



#19
 Fluoranthene
 Concen: 11.112 ng/ul
 RT: 19.403 min Scan# 3562
 Delta R.T. -0.005 min
 Lab File: BM040280.D
 Acq: 16 Jun 2023 14:42

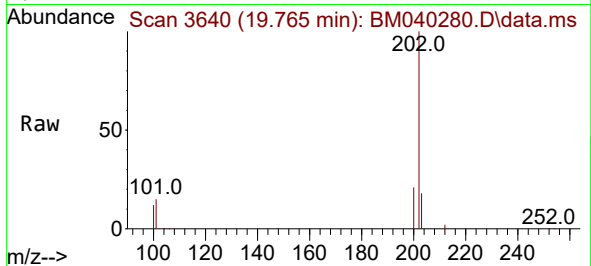
Tgt Ion:202 Resp: 728020
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.2 15.4
 100 9.4 7.6 11.4





#20
Pyrene
Concen: 9.468 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

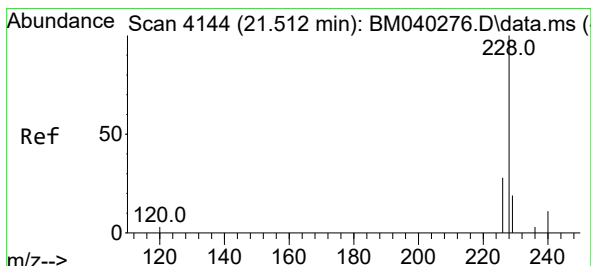
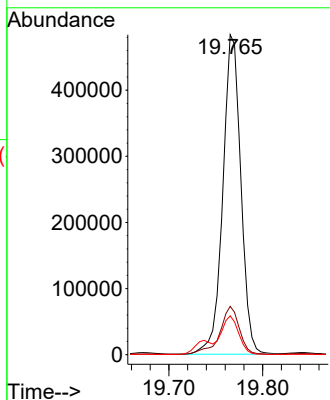
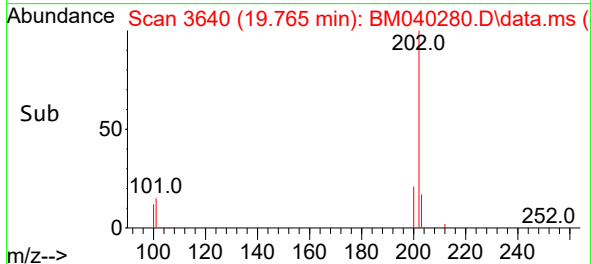
Instrument :
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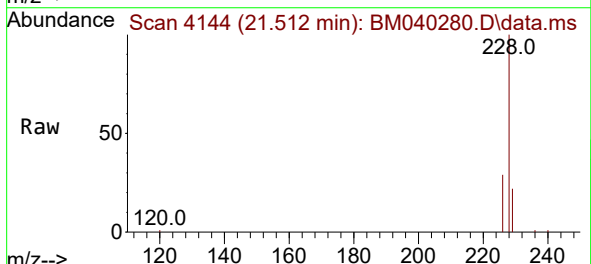
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Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.8
100 12.1 9.3 13.9

Manual Integrations
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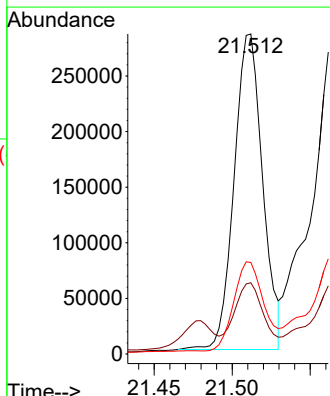
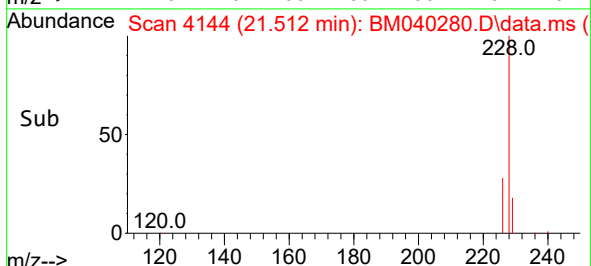
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

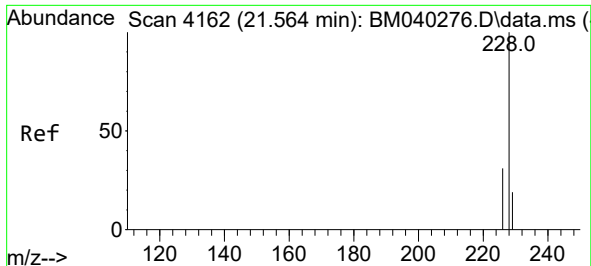


#21
Benzo(a)anthracene
Concen: 6.343 ng/ul
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42



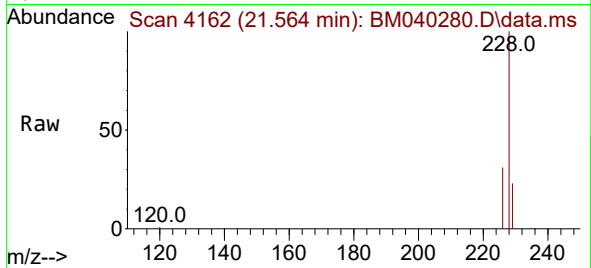
Tgt Ion:228 Resp: 360090
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.8
226 28.6 22.0 33.0





#22
Chrysene
Concen: 7.388 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

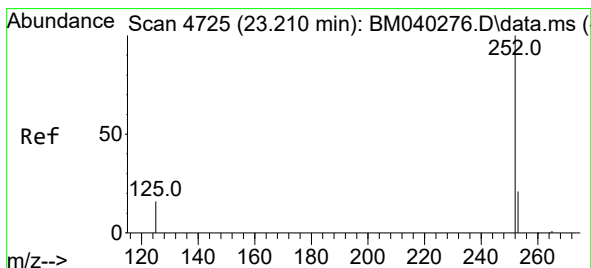
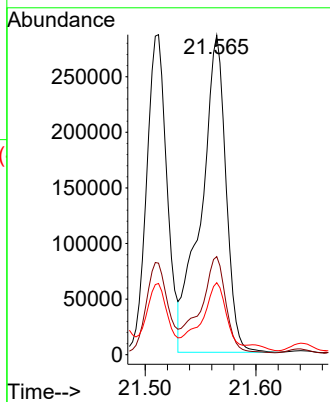
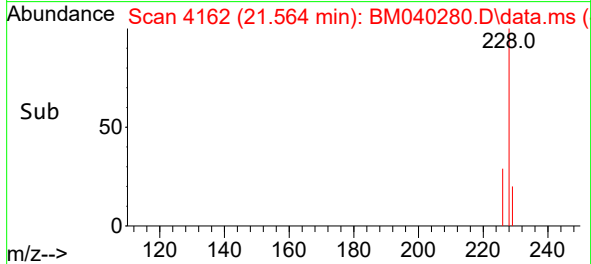
Instrument :
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ClientSampleId :
DCFH3



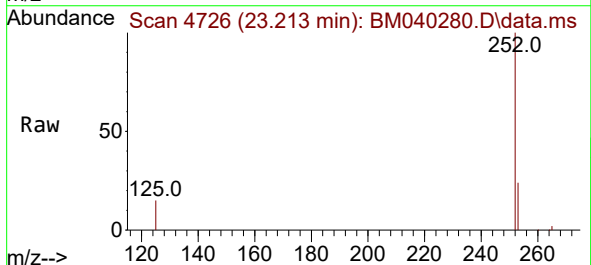
Tgt Ion:228 Resp: 44306
Ion Ratio Lower Upper
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226 30.7 24.3 36.5
229 22.5 15.7 23.5

Manual Integrations
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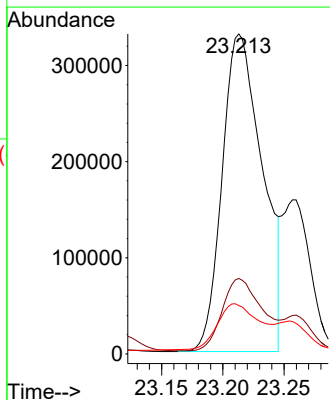
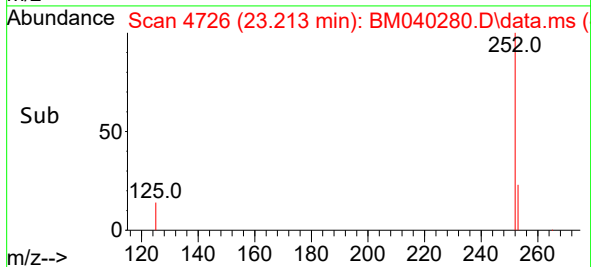
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

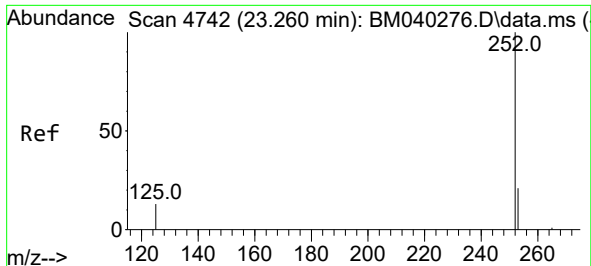


#24
Benzo(b)fluoranthene
Concen: 8.878 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42



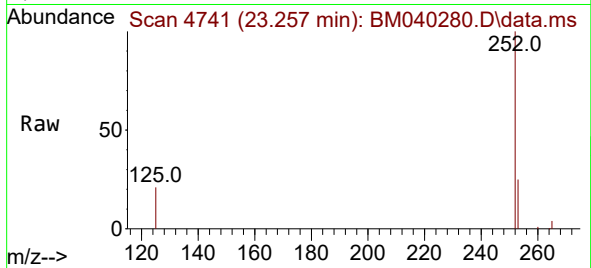
Tgt Ion:252 Resp: 755644
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 15.1 0.0 38.4





#25
Benzo(k)fluoranthene
Concen: 3.167 ng/ul m
RT: 23.257 min Scan# 4742
Delta R.T. -0.009 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

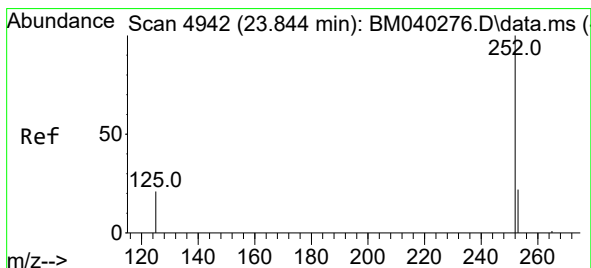
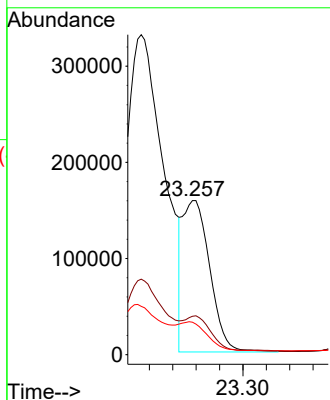
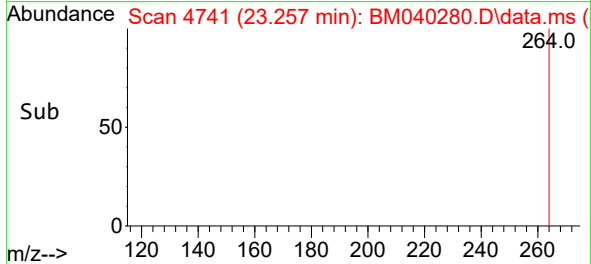
Instrument :
BNA_M
ClientSampleId :
DCFH3



Tgt Ion:252 Resp: 253854
Ion Ratio Lower Upper
252 100
253 24.9 21.5 32.3
125 21.1 14.7 22.1

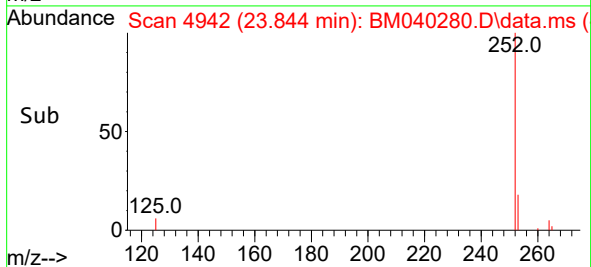
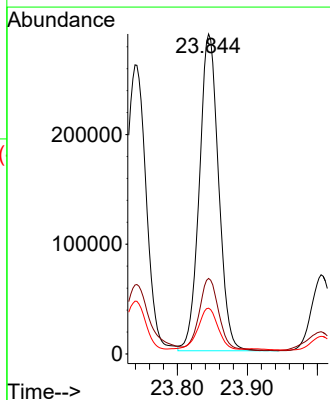
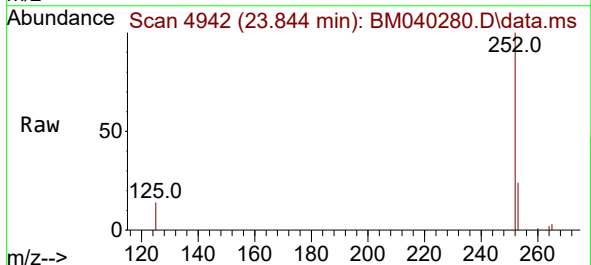
Manual Integrations
APPROVED

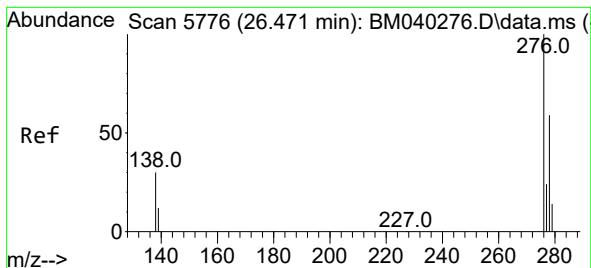
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#26
Benzo(a)pyrene
Concen: 7.883 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Tgt Ion:252 Resp: 550613
Ion Ratio Lower Upper
252 100
253 23.6 23.4 35.0
125 14.3 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 5.144 ng/ul

RT: 26.471 min Scan# 5776

Delta R.T. -0.007 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

Instrument :

BNA_M

ClientSampleId :

DCFH3

Tgt Ion:276 Resp: 45482

Ion Ratio Lower Upper

276 100

138 25.1 23.3 34.9

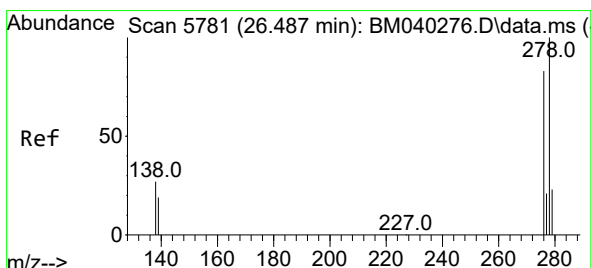
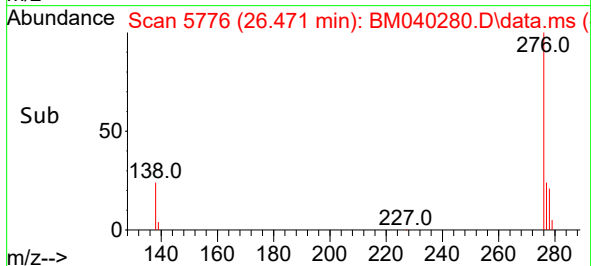
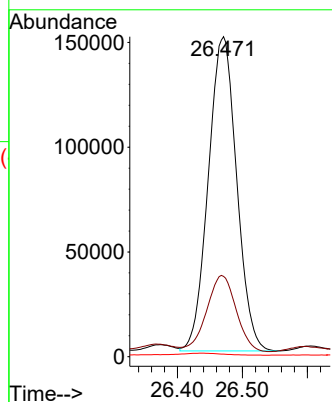
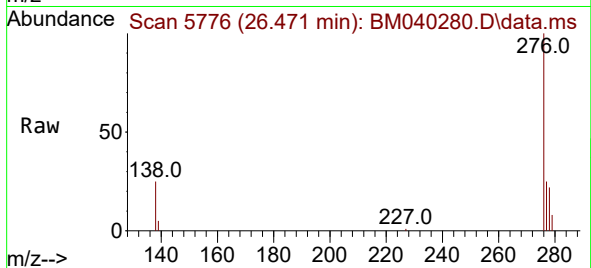
227 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#28

Dibenzo(a,h)anthracene

Concen: 1.728 ng/ul

RT: 26.481 min Scan# 5779

Delta R.T. -0.017 min

Lab File: BM040280.D

Acq: 16 Jun 2023 14:42

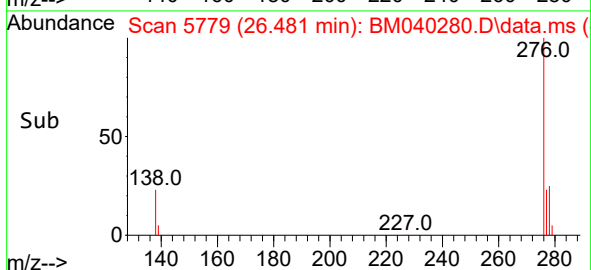
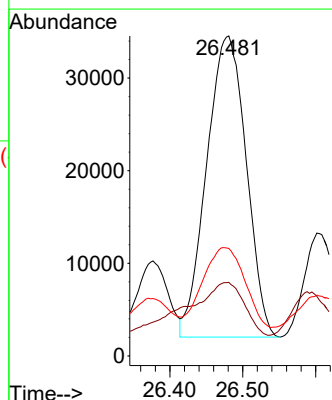
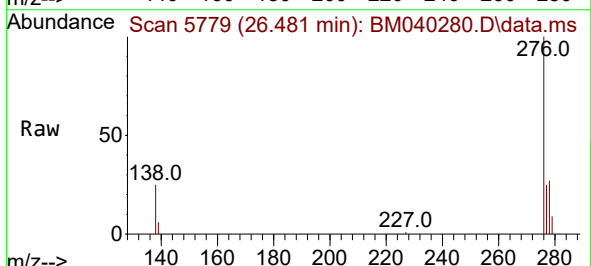
Tgt Ion:278 Resp: 122653

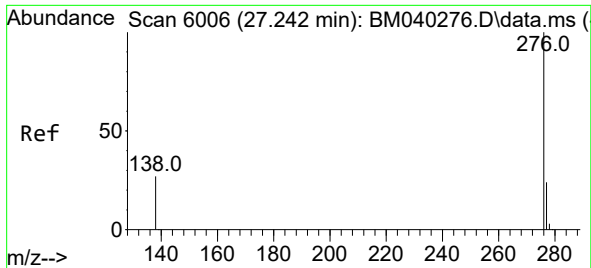
Ion Ratio Lower Upper

278 100

139 23.0 16.4 24.6

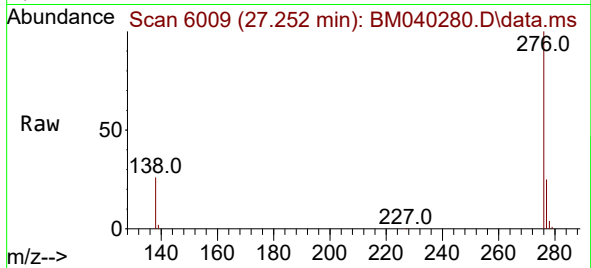
279 33.6 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 7.378 ng/ul
RT: 27.252 min Scan# 6009
Delta R.T. -0.003 min
Lab File: BM040280.D
Acq: 16 Jun 2023 14:42

Instrument :
BNA_M
ClientSampleId :
DCFH3



Tgt Ion:276 Resp: 544844
Ion Ratio Lower Upper
276 100
138 25.6 21.0 31.4
277 24.5 19.6 29.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

