

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040284.D
 Acq On : 16 Jun 2023 17:10
 Operator : MA/JU
 Sample : 03080-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH7

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:39:36 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	9601	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	35236	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	17801	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	29761	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18486	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	18920	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	41018	3.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	11501	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	15793	0.343	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	21606	0.259	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	9243	0.178	ng/ul	100
8) 1-Methylnaphthalene	12.659	142	7017	0.129	ng/ul	100
10) Acenaphthylene	14.327	152	23129	0.371	ng/ul	98
11) Acenaphthene	14.670	153	9421	0.176	ng/ul	98
12) Fluorene	15.655	166	6905	0.116	ng/ul#	97
15) Phenanthrene	17.391	178	194234	2.482	ng/ul	99
16) Anthracene	17.484	178	32547	0.491	ng/ul	99
19) Fluoranthene	19.403	202	465715	7.396	ng/ul	99
20) Pyrene	19.765	202	406107	6.207	ng/ul	99
21) Benzo(a)anthracene	21.509	228	194956	3.573	ng/ul	98
22) Chrysene	21.564	228	235782	4.091	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	405093	5.808	ng/ul	95
25) Benzo(k)fluoranthene	23.257	252	156205m	2.378	ng/ul	
26) Benzo(a)pyrene	23.844	252	267657	4.677	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.464	276	249128	3.439	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.474	278	60330	1.037	ng/ul	94
29) Benzo(g,h,i)perylene	27.245	276	243492	4.024	ng/ul	99

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

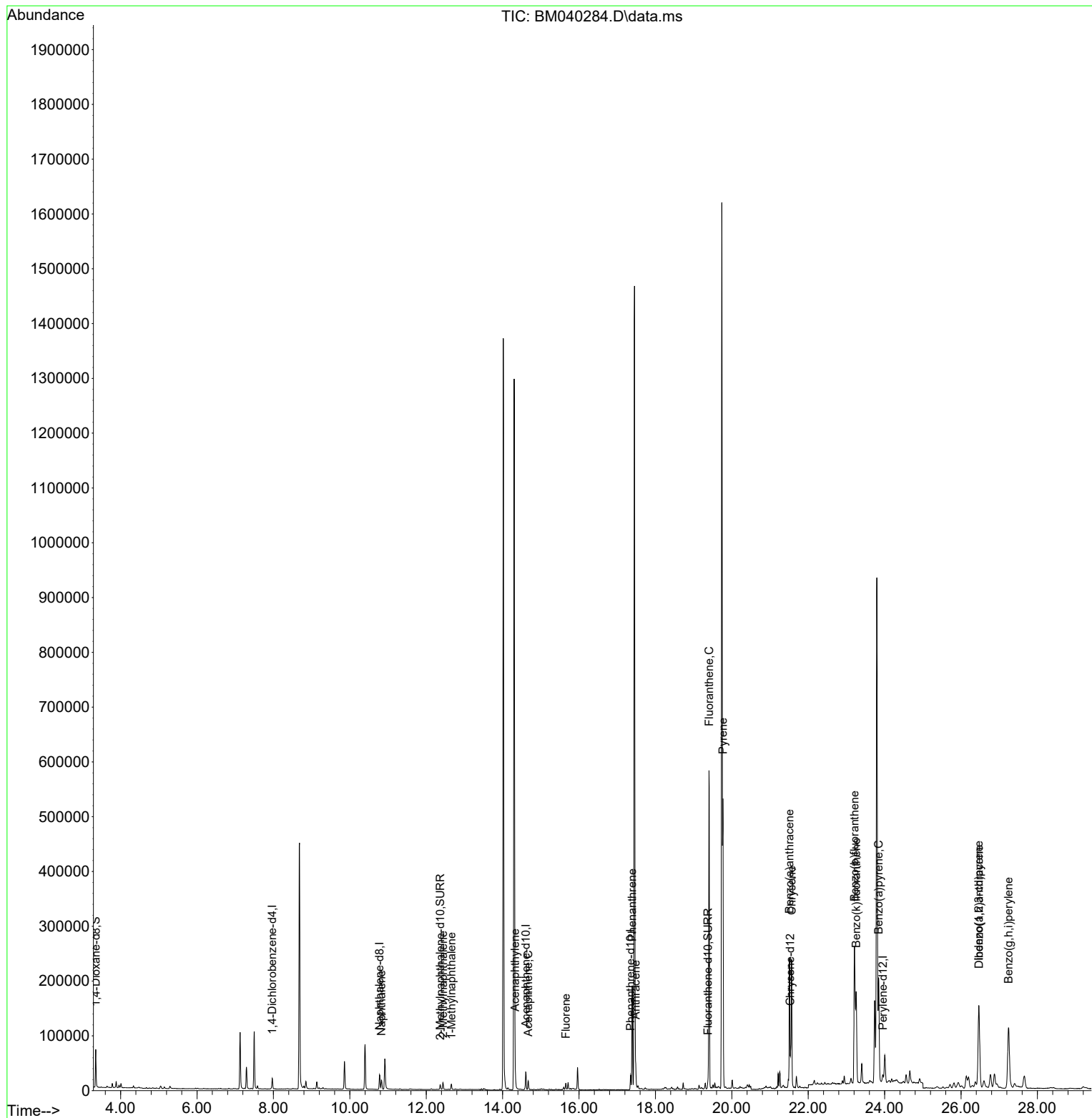
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040284.D
Acq On : 16 Jun 2023 17:10
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Sample : 03080-08
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ALS Vial : 10 Sample Multiplier: 1

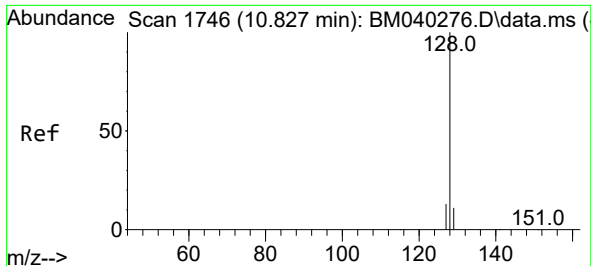
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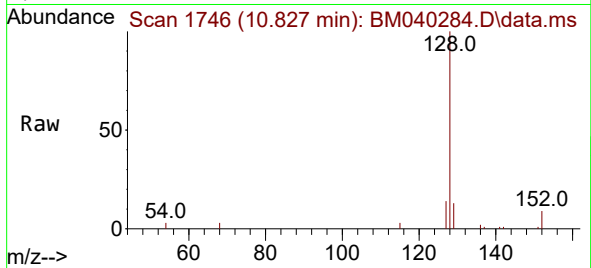
Quant Time: Jun 16 23:39:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.827 min Scan# 1746
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

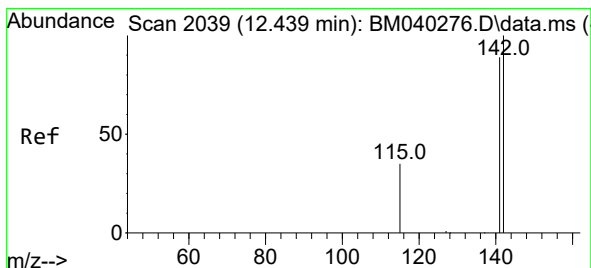
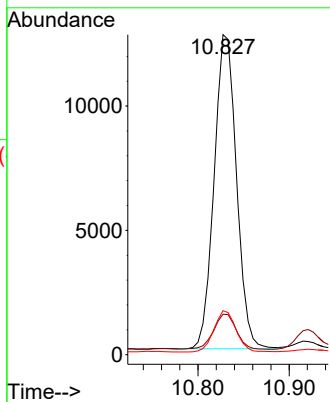
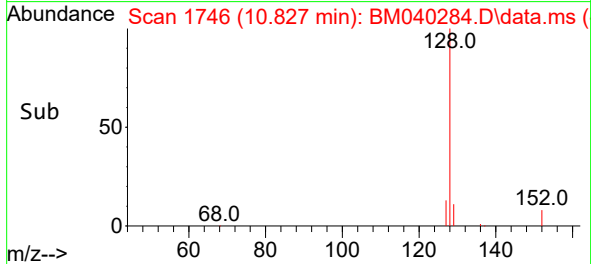
Instrument :
BNA_M
ClientSampleId :
DCFH7



Tgt Ion:128 Resp: 21600
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 13.7 10.4 15.6

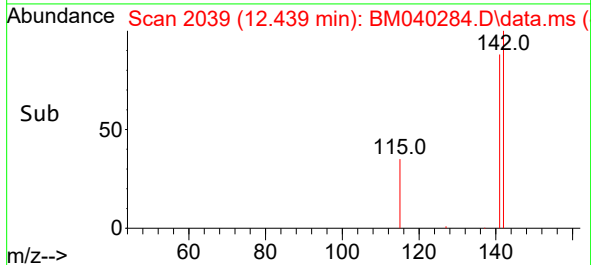
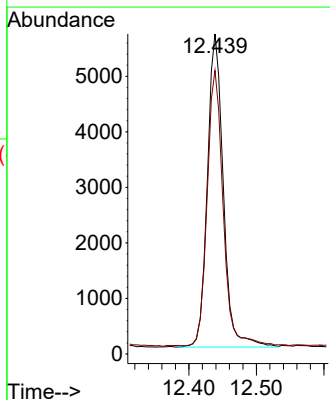
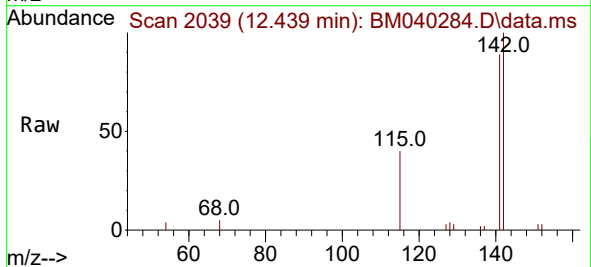
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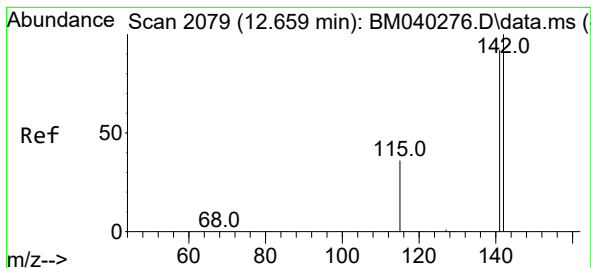
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

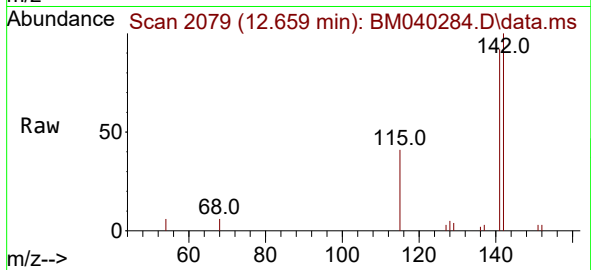
Tgt Ion:142 Resp: 9243
Ion Ratio Lower Upper
142 100
141 88.1 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

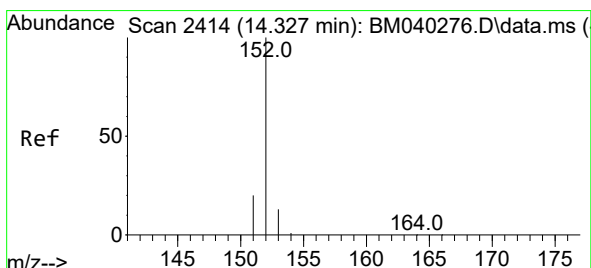
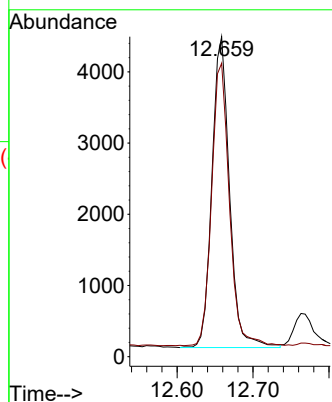
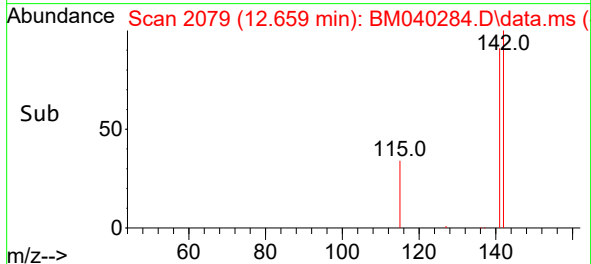
Instrument :
BNA_M
ClientSampleId :
DCFH7



Tgt Ion:142 Resp: 701
Ion Ratio Lower Upper
142 100
141 91.6 73.0 109.4

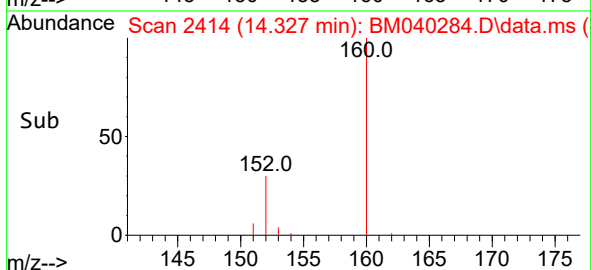
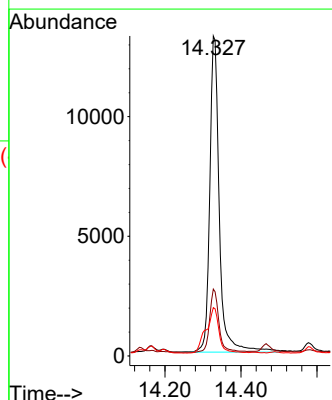
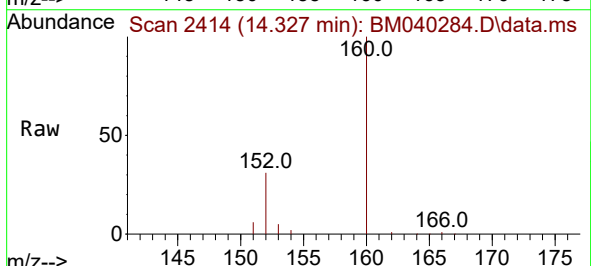
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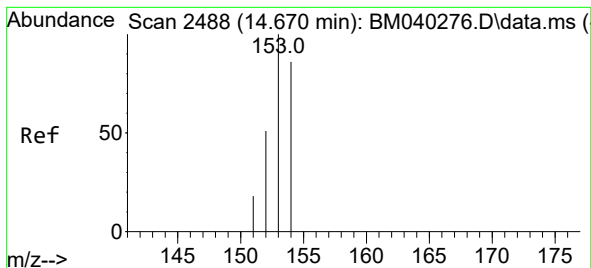
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.371 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

Tgt Ion:152 Resp: 23129
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 15.1 10.7 16.1





#11

Acenaphthene

Concen: 0.176 ng/ul

RT: 14.670 min Scan# 2488

Delta R.T. -0.005 min

Lab File: BM040284.D

Acq: 16 Jun 2023 17:10

Instrument :

BNA_M

ClientSampleId :

DCFH7

Tgt Ion:153 Resp: 942

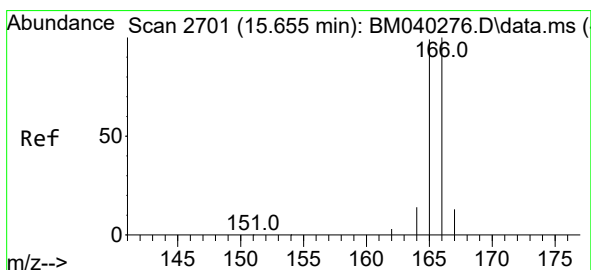
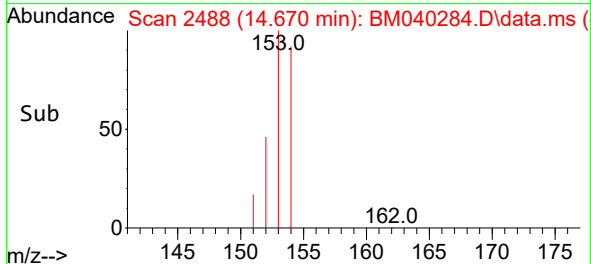
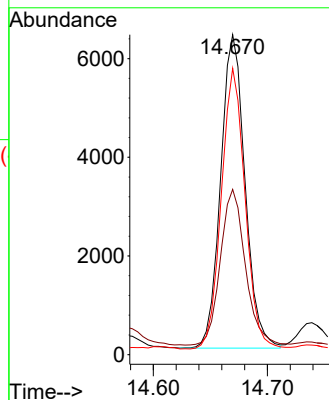
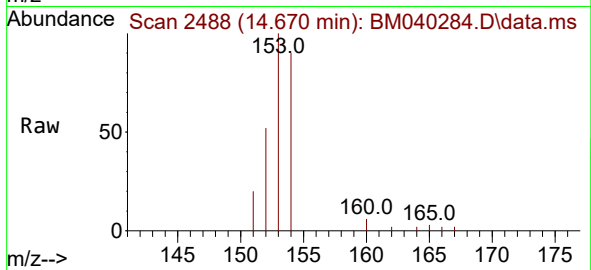
Ion	Ratio	Lower	Upper
153	100		
152	51.7	40.3	60.5
154	89.5	70.5	105.7

Manual Integrations

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#12

Fluorene

Concen: 0.116 ng/ul

RT: 15.655 min Scan# 2701

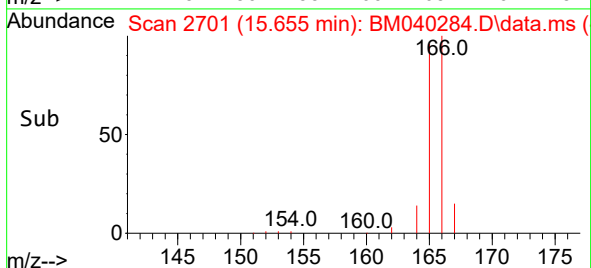
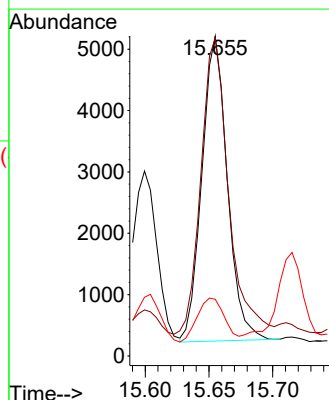
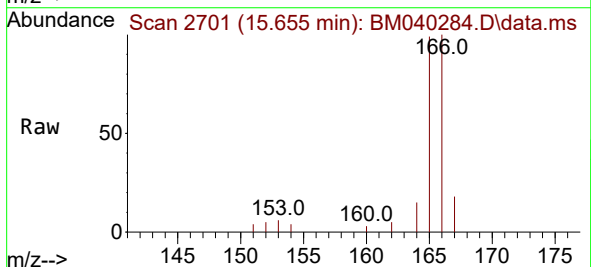
Delta R.T. -0.005 min

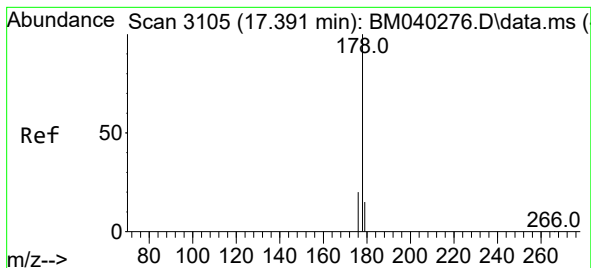
Lab File: BM040284.D

Acq: 16 Jun 2023 17:10

Tgt Ion:166 Resp: 6905

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	17.7	11.0	16.4





#15

Phenanthrene

Concen: 2.482 ng/ul

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040284.D

Acq: 16 Jun 2023 17:10

Instrument :

BNA_M

ClientSampleId :

DCFH7

Tgt Ion:178 Resp: 194234

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

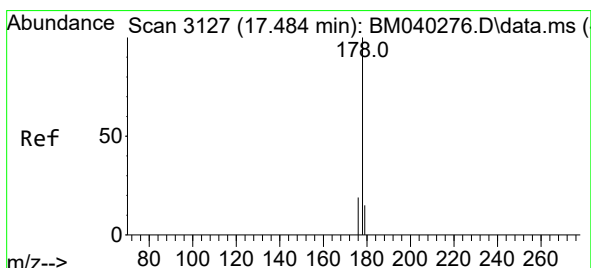
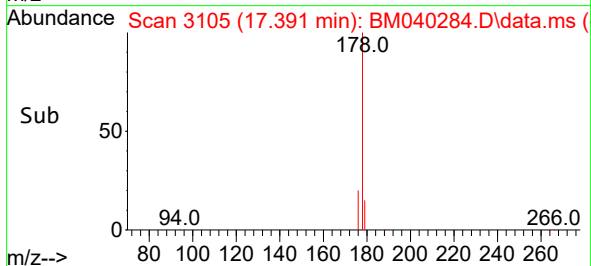
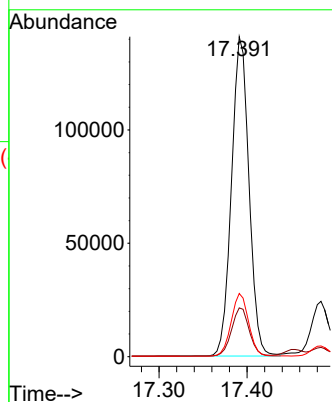
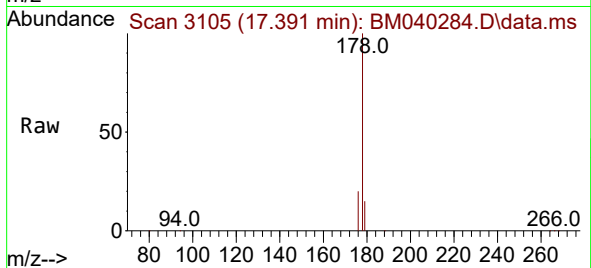
176 19.7 16.1 24.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/19/2023

Supervised By :mohammad ahmed 06/20/2023



#16

Anthracene

Concen: 0.491 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040284.D

Acq: 16 Jun 2023 17:10

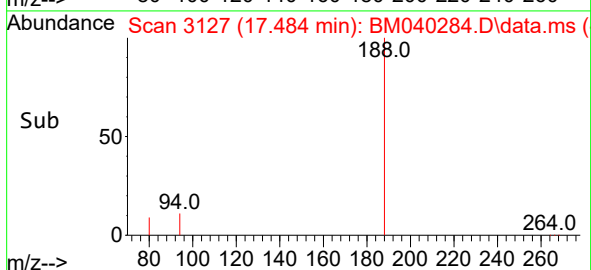
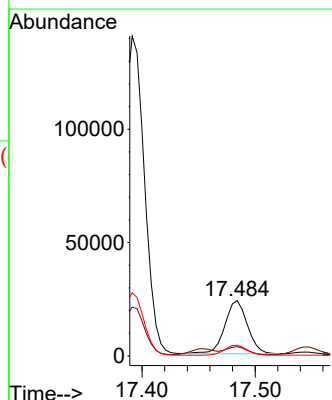
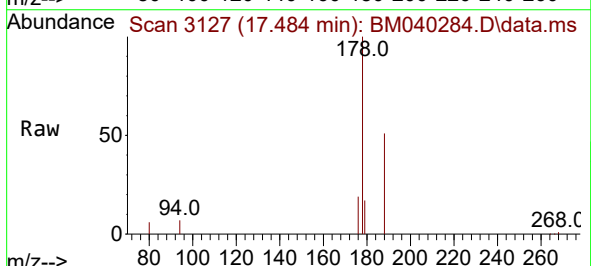
Tgt Ion:178 Resp: 32547

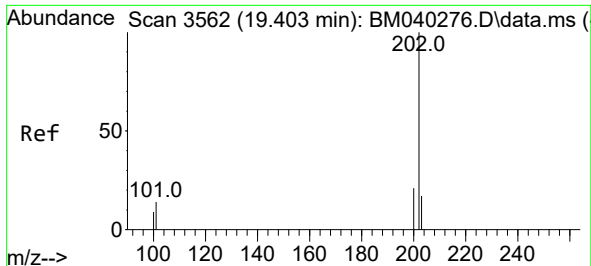
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

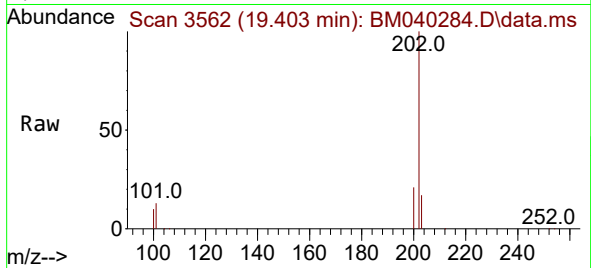
176 19.5 15.5 23.3





#19
Fluoranthene
Concen: 7.396 ng/u1
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

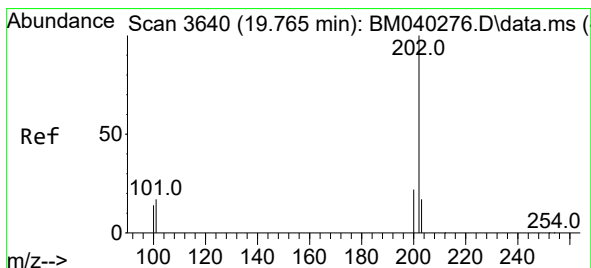
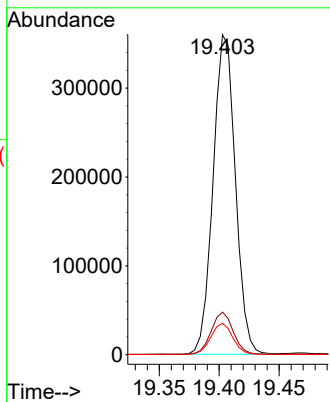
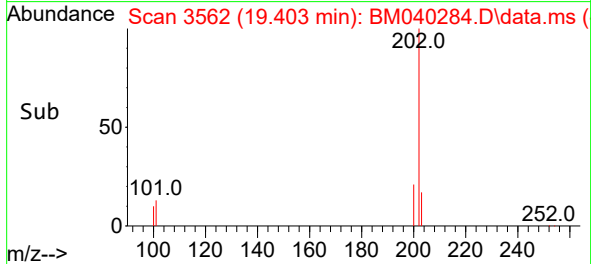
Instrument :
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ClientSampleId :
DCFH7



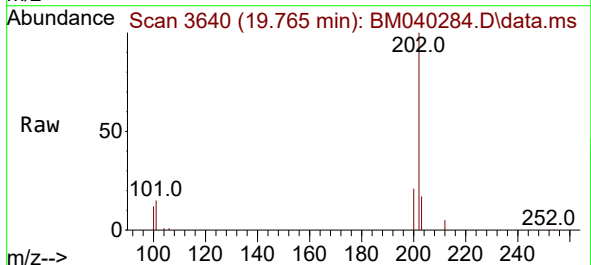
Tgt Ion:202 Resp: 465715
Ion Ratio Lower Upper
202 100
101 13.3 10.2 15.4
100 9.8 7.6 11.4

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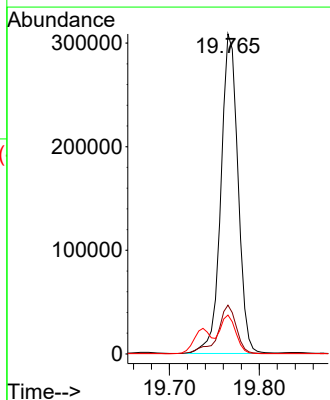
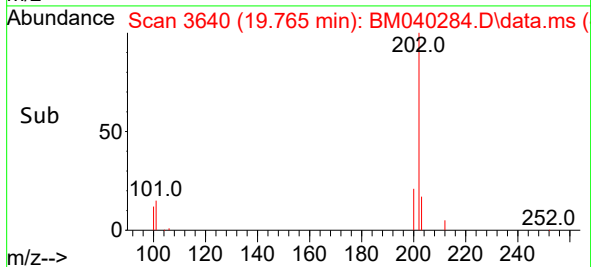
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

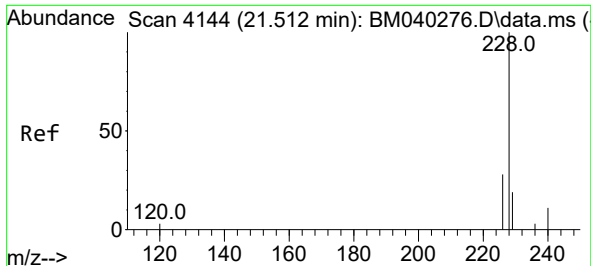


#20
Pyrene
Concen: 6.207 ng/u1
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10



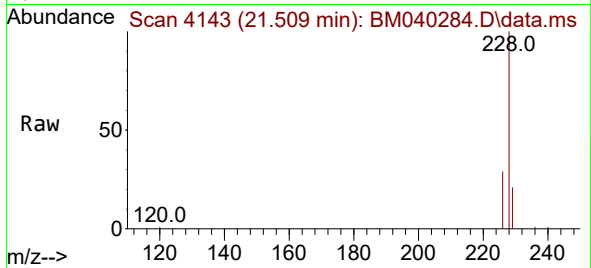
Tgt Ion:202 Resp: 406107
Ion Ratio Lower Upper
202 100
101 15.3 11.8 17.8
100 12.1 9.3 13.9





#21
Benzo(a)anthracene
Concen: 3.573 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

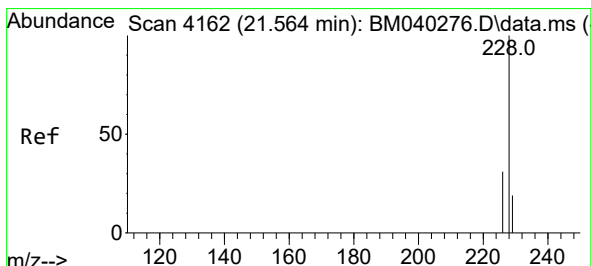
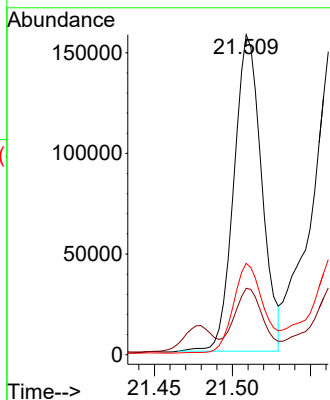
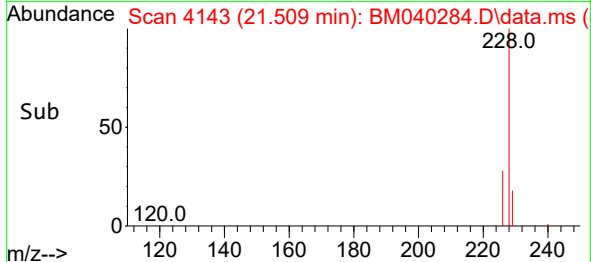
Instrument :
BNA_M
ClientSampleId :
DCFH7



Tgt Ion:228 Resp: 194950
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 28.6 22.0 33.0

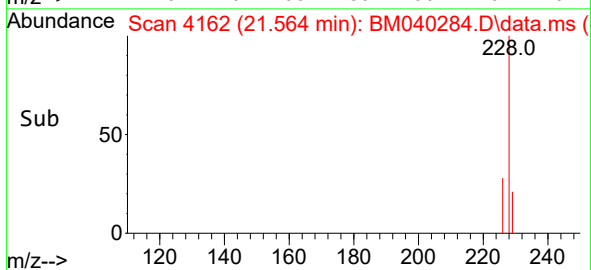
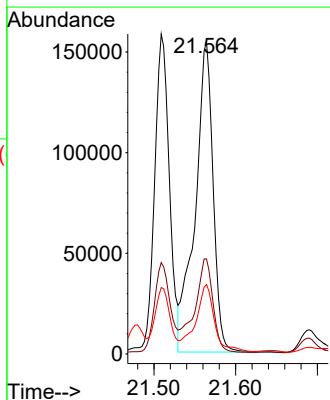
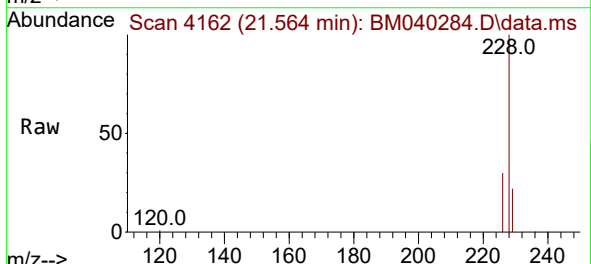
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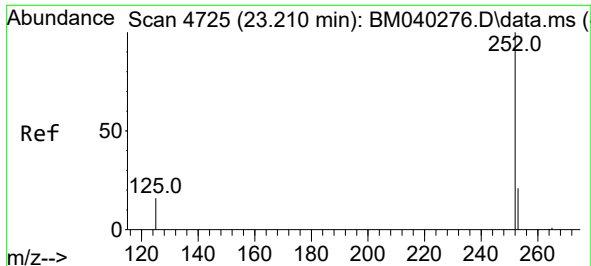
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Chrysene
Concen: 4.091 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

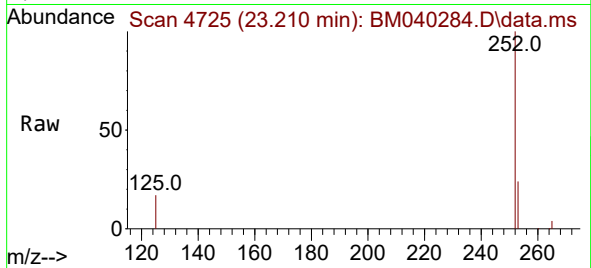
Tgt Ion:228 Resp: 235782
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 5.808 ng/ul
RT: 23.210 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

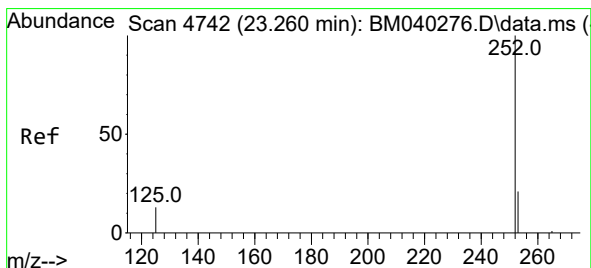
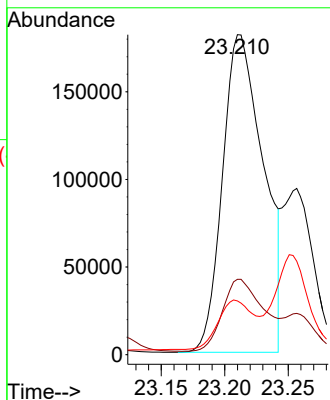
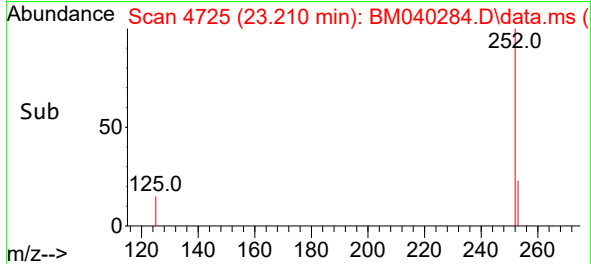
Instrument :
BNA_M
ClientSampleId :
DCFH7



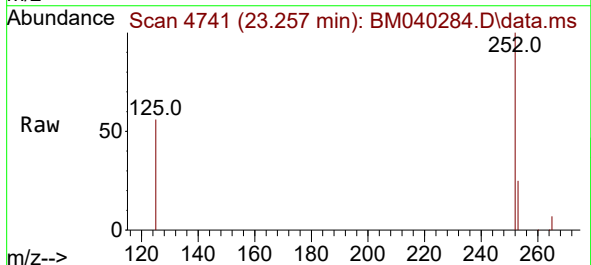
Tgt Ion:252 Resp: 40509
Ion Ratio Lower Upper
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253 23.6 0.0 52.4
125 16.8 0.0 38.4

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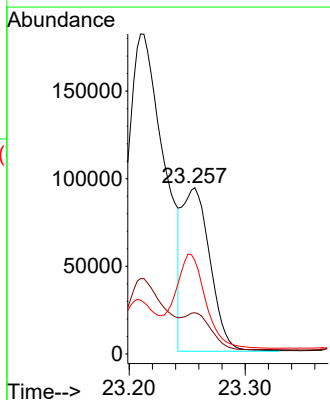
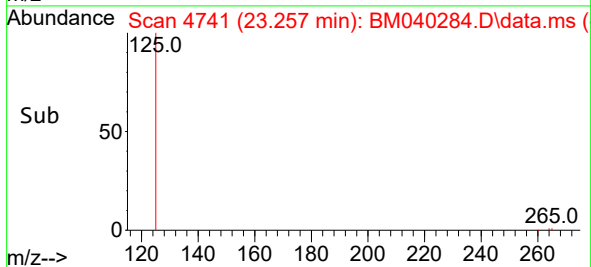
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

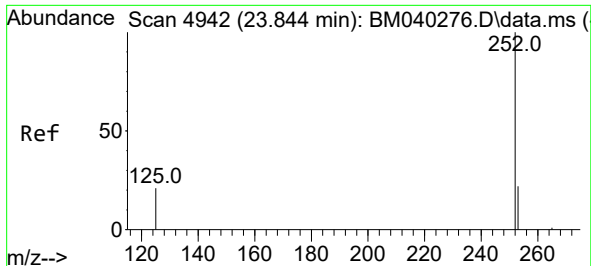


#25
Benzo(k)fluoranthene
Concen: 2.378 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10



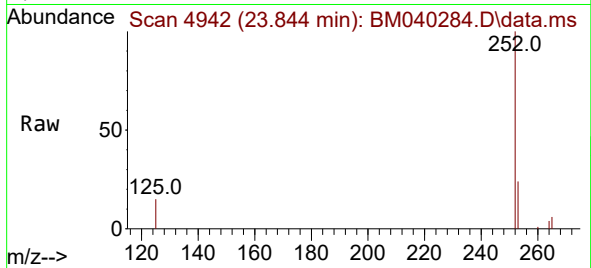
Tgt Ion:252 Resp: 156205
Ion Ratio Lower Upper
252 100
253 24.8 21.5 32.3
125 56.2 14.7 22.1#





#26
Benzo(a)pyrene
Concen: 4.677 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

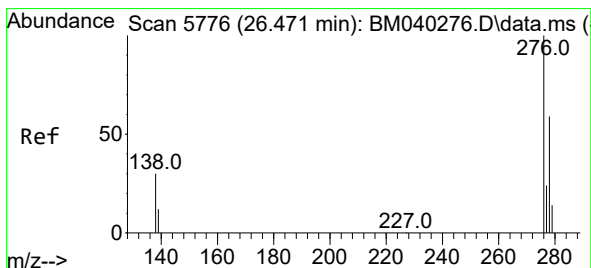
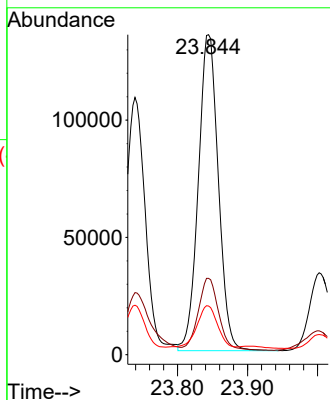
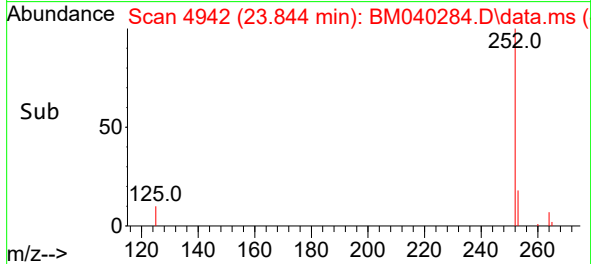
Instrument :
BNA_M
ClientSampleId :
DCFH7



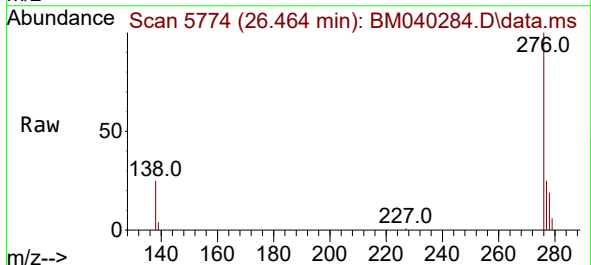
Tgt Ion:252 Resp: 26765
Ion Ratio Lower Upper
252 100
253 23.8 23.4 35.0
125 15.2 19.7 29.5

Manual Integrations
APPROVED

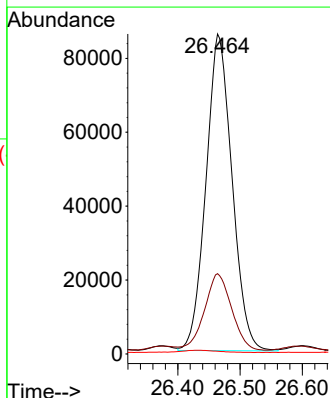
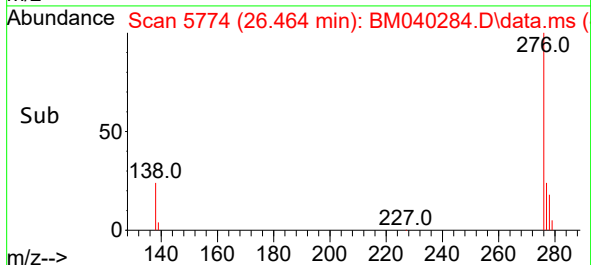
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

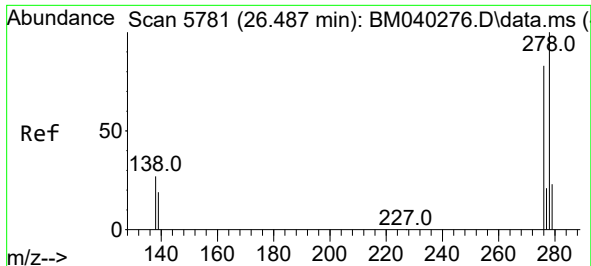


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.439 ng/ul
RT: 26.464 min Scan# 5774
Delta R.T. -0.014 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10



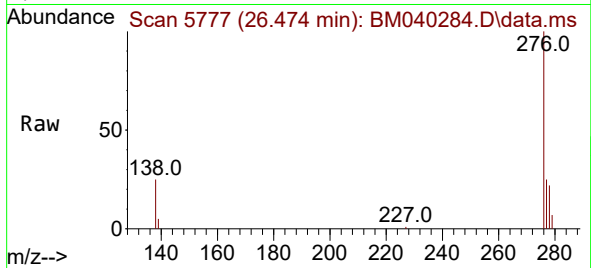
Tgt Ion:276 Resp: 249128
Ion Ratio Lower Upper
276 100
138 25.0 23.3 34.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.037 ng/ul
RT: 26.474 min Scan# 5781
Delta R.T. -0.024 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

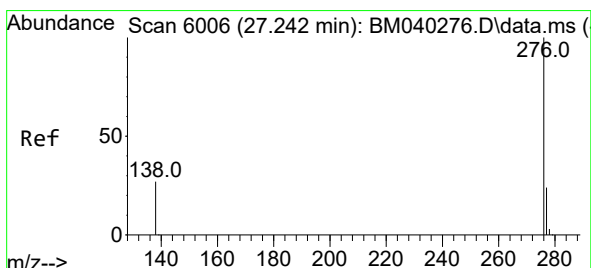
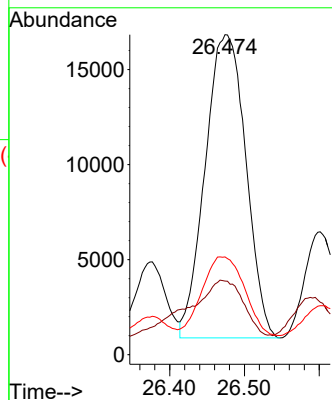
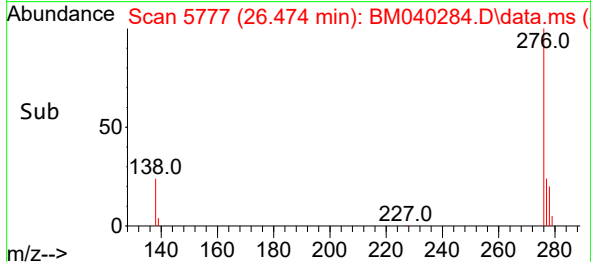
Instrument :
BNA_M
ClientSampleId :
DCFH7



Tgt Ion:278 Resp: 60330
Ion Ratio Lower Upper
278 100
139 23.0 16.4 24.6
279 30.6 21.8 32.8

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 4.024 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040284.D
Acq: 16 Jun 2023 17:10

Tgt Ion:276 Resp: 243492
Ion Ratio Lower Upper
276 100
138 26.0 21.0 31.4
277 23.9 19.6 29.4

