

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040286.D
 Acq On : 16 Jun 2023 18:24
 Operator : MA/JU
 Sample : 03080-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH9

Manual Integrations
 APPROVED

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

Quant Time: Jun 16 23:39:58 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	10801	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	37401	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	17793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	29713	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	20842	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	22405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	45440	3.407	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	10807	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	14604	0.281	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.828	128	19794	0.223	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	8765	0.159	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	6322	0.110	ng/ul	98
10) Acenaphthylene	14.327	152	32146	0.516	ng/ul	99
11) Acenaphthene	14.670	153	7005	0.131	ng/ul	98
12) Fluorene	15.655	166	5783	0.097	ng/ul#	94
15) Phenanthrene	17.391	178	157478	2.016	ng/ul	99
16) Anthracene	17.484	178	36286	0.548	ng/ul	99
19) Fluoranthene	19.403	202	488326	6.878	ng/ul	99
20) Pyrene	19.765	202	434000	5.884	ng/ul	99
21) Benzo(a)anthracene	21.509	228	225539	3.666	ng/ul	97
22) Chrysene	21.564	228	280152	4.311	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	539434	6.531	ng/ul	92
25) Benzo(k)fluoranthene	23.257	252	180895m	2.326	ng/ul	
26) Benzo(a)pyrene	23.844	252	330101	4.871	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.467	276	314125	3.661	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.477	278	75737	1.100	ng/ul	95
29) Benzo(g,h,i)perylene	27.245	276	291474	4.068	ng/ul	99

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

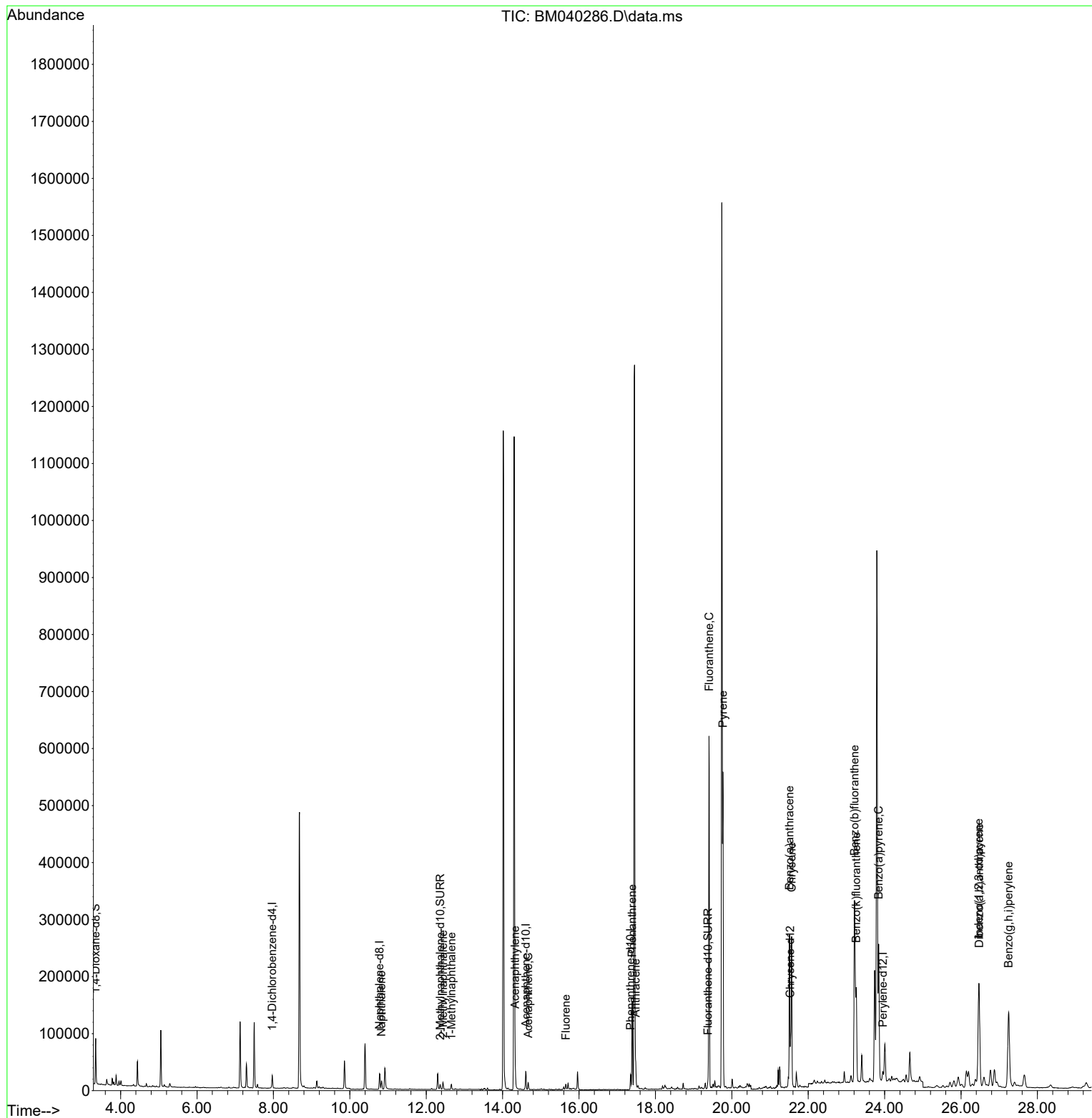
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040286.D
Acq On : 16 Jun 2023 18:24
Operator : MA/JU
Sample : 03080-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

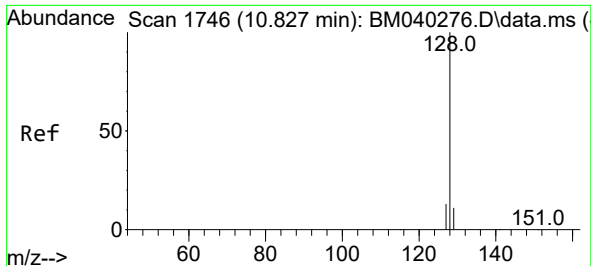
Instrument :
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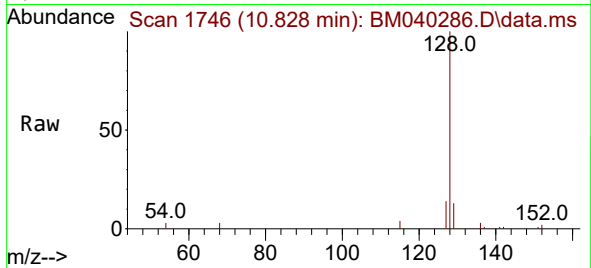
Quant Time: Jun 16 23:39:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.223 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

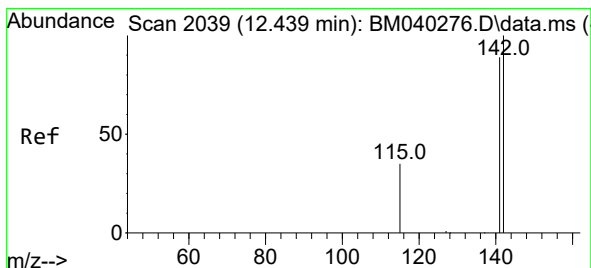
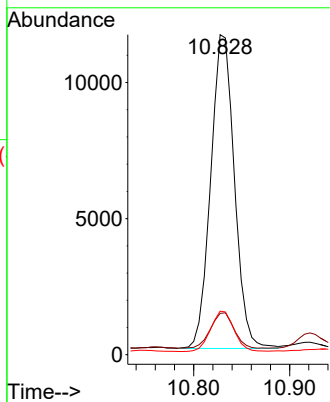
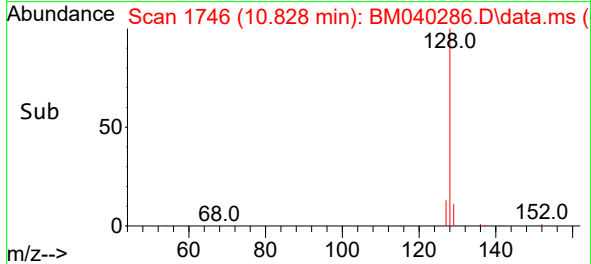
Instrument :
BNA_M
ClientSampleId :
DCFH9



Tgt Ion:128 Resp: 19794
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 13.6 10.4 15.6

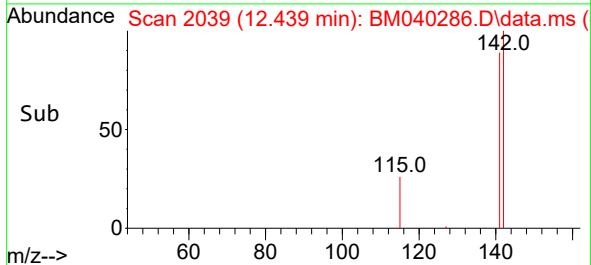
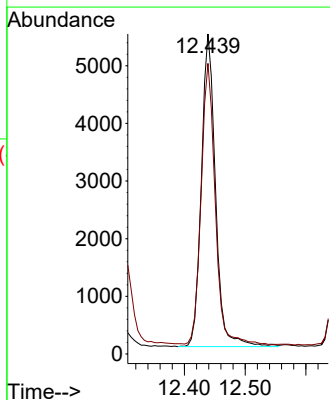
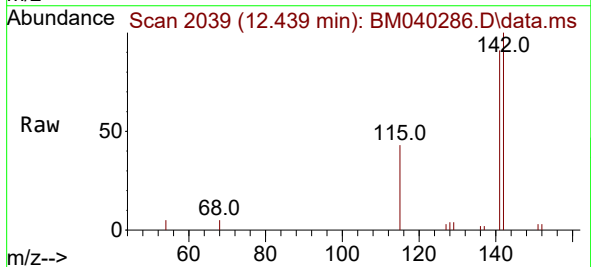
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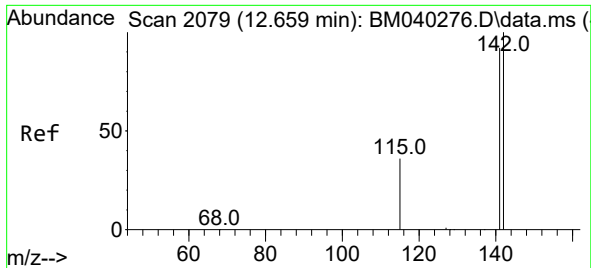
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

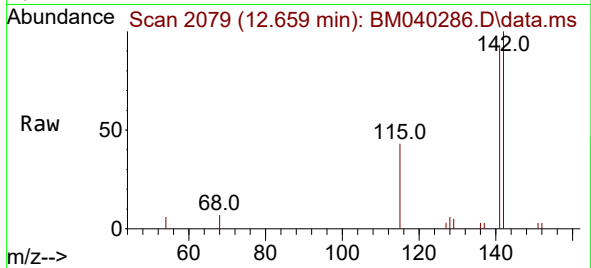
Tgt Ion:142 Resp: 8765
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0





#8
1-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 12.659 min Scan# 2079
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

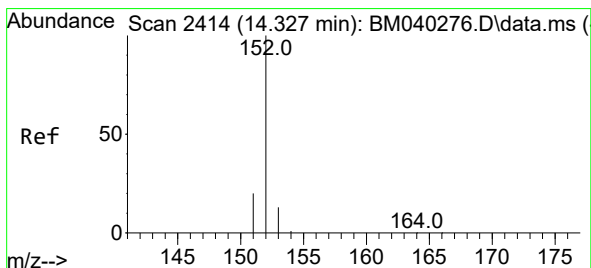
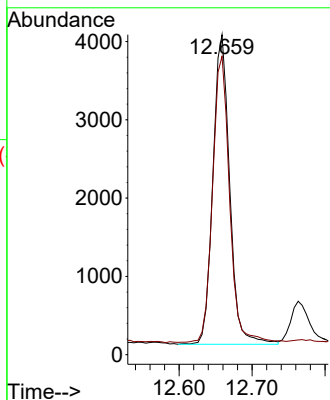
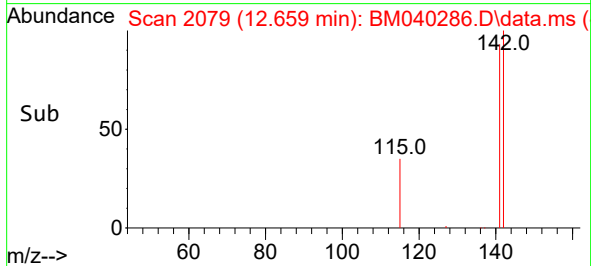
Instrument :
BNA_M
ClientSampleId :
DCFH9



Tgt Ion:142 Resp: 632
Ion Ratio Lower Upper
142 100
141 92.9 73.0 109.4

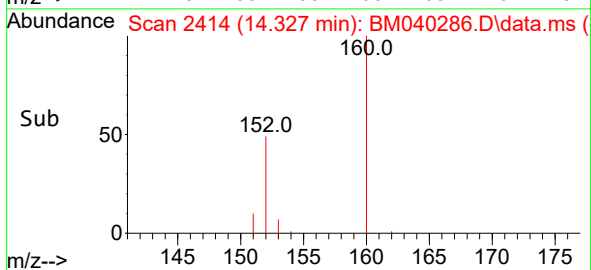
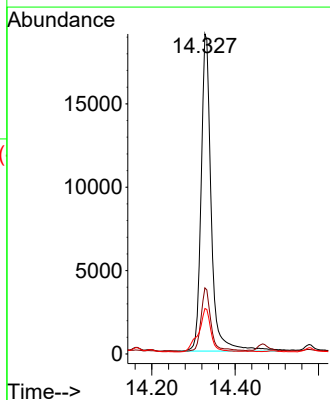
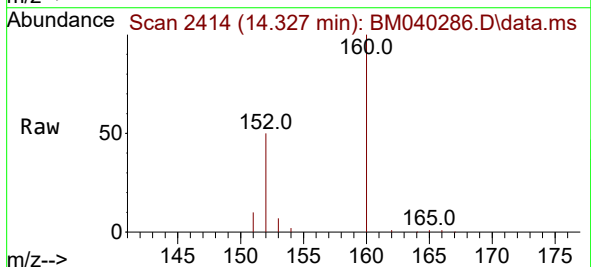
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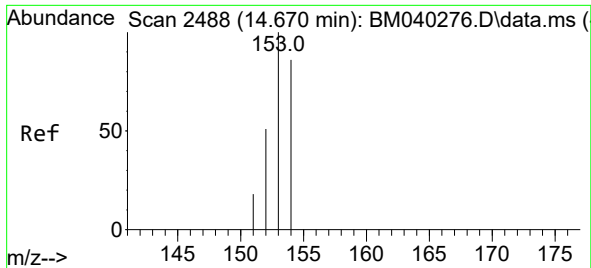
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Acenaphthylene
Concen: 0.516 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

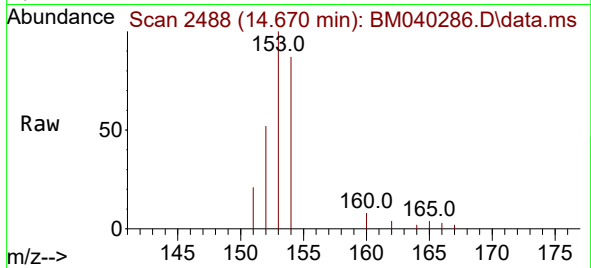
Tgt Ion:152 Resp: 32146
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.2 10.7 16.1





#11
Acenaphthene
Concen: 0.131 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

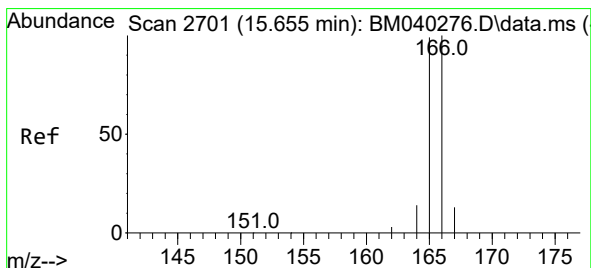
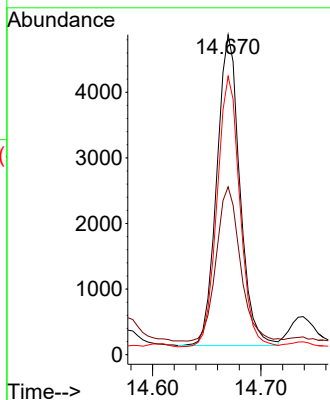
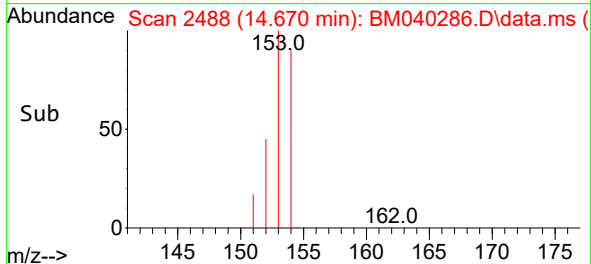
Instrument :
BNA_M
ClientSampleId :
DCFH9



Tgt Ion:153 Resp: 7005
Ion Ratio Lower Upper
153 100
152 52.4 40.3 60.5
154 87.0 70.5 105.7

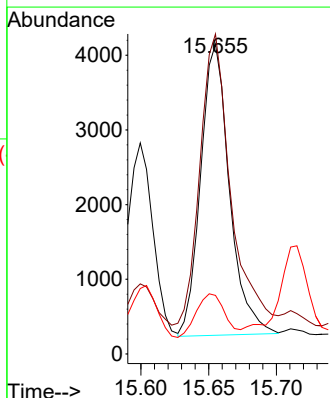
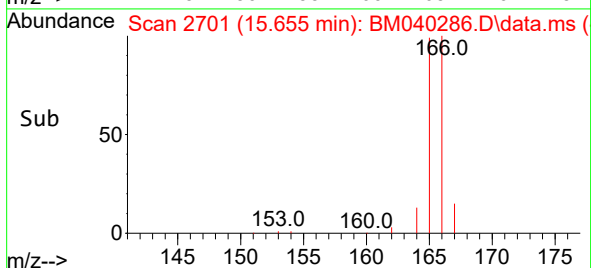
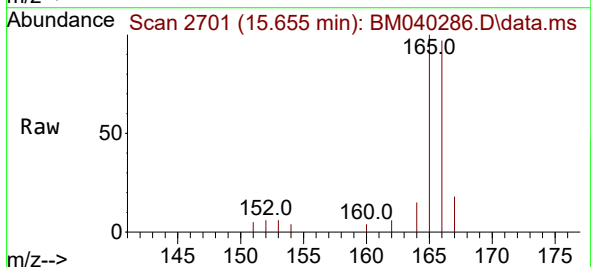
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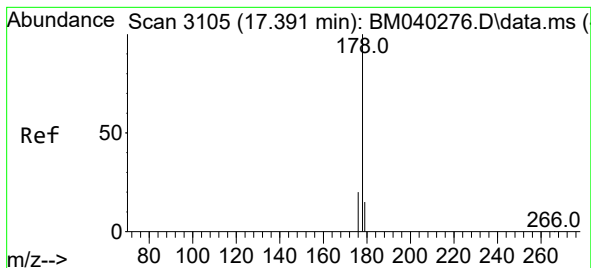
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.097 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:166 Resp: 5783
Ion Ratio Lower Upper
166 100
165 103.3 78.2 117.4
167 18.9 11.0 16.4#





#15

Phenanthrene

Concen: 2.016 ng/ul

RT: 17.391 min Scan# 3105

Delta R.T. -0.004 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

Instrument :

BNA_M

ClientSampleId :

DCFH9

Tgt Ion:178 Resp: 157478

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

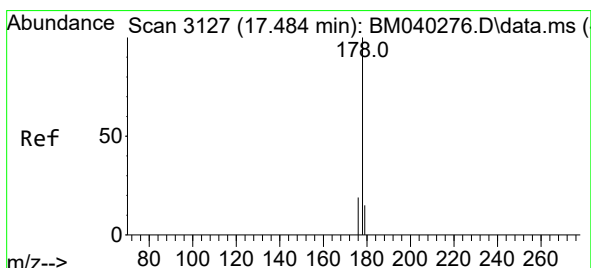
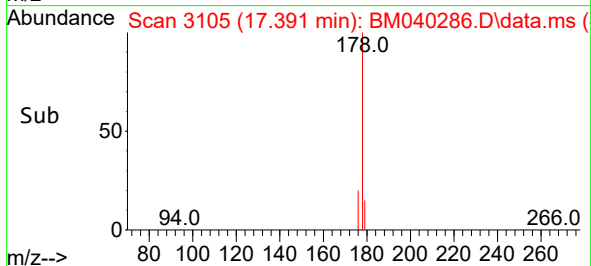
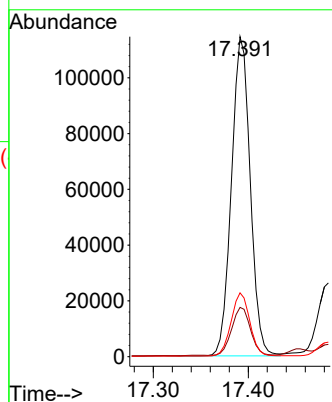
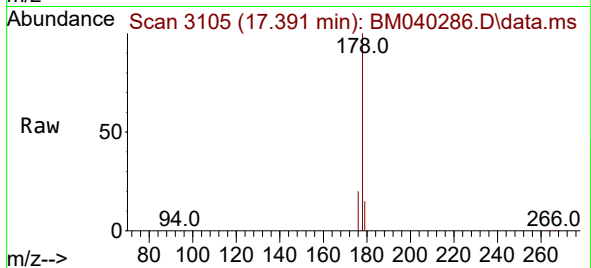
176 20.0 16.1 24.1

Manual Integrations

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Supervised By :mohammad ahmed 06/20/2023



#16

Anthracene

Concen: 0.548 ng/ul

RT: 17.484 min Scan# 3127

Delta R.T. -0.004 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

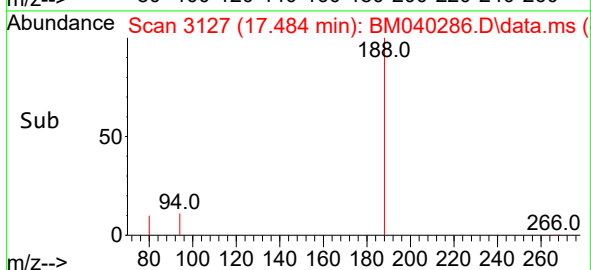
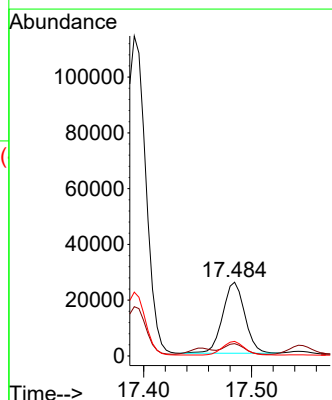
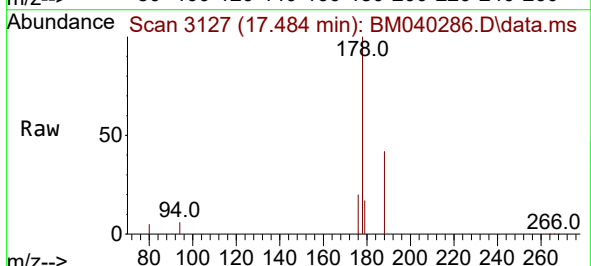
Tgt Ion:178 Resp: 36286

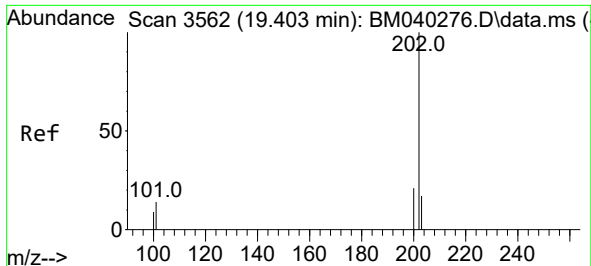
Ion Ratio Lower Upper

178 100

179 16.8 13.0 19.4

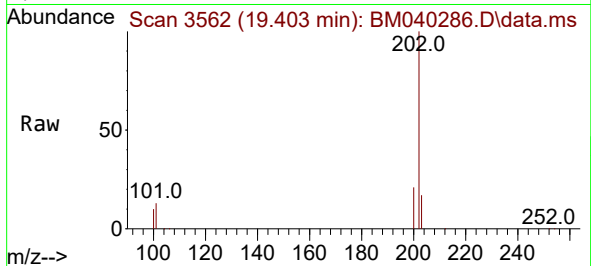
176 19.8 15.5 23.3





#19
Fluoranthene
Concen: 6.878 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

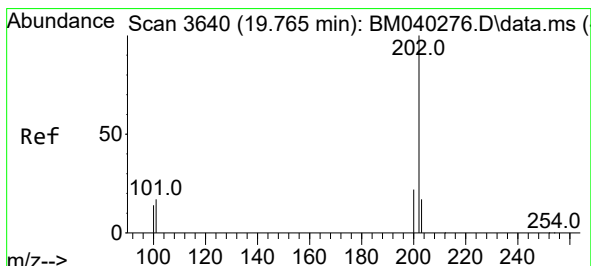
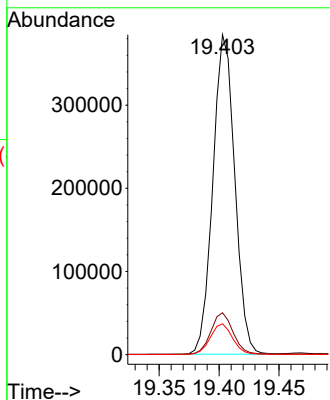
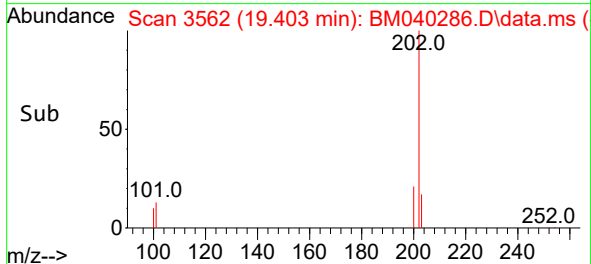
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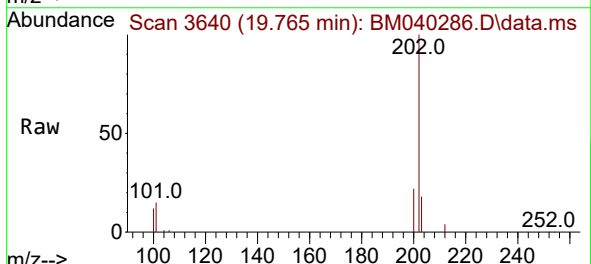
Tgt Ion:202 Resp: 488320
Ion Ratio Lower Upper
202 100
101 13.1 10.2 15.4
100 9.6 7.6 11.4

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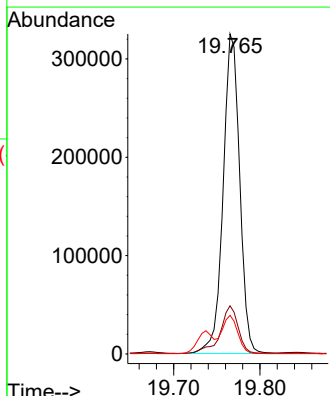
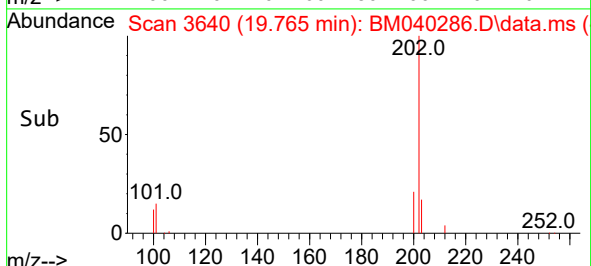
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

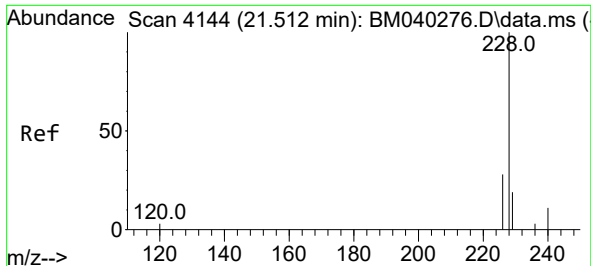


#20
Pyrene
Concen: 5.884 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.005 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24



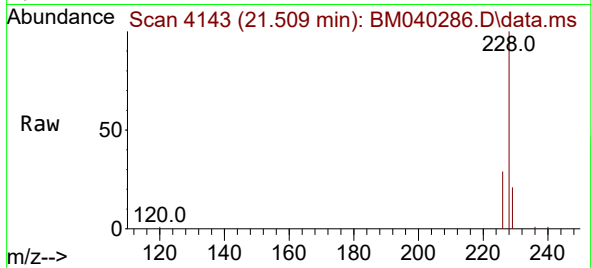
Tgt Ion:202 Resp: 434000
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.8
100 12.0 9.3 13.9





#21
Benzo(a)anthracene
Concen: 3.666 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

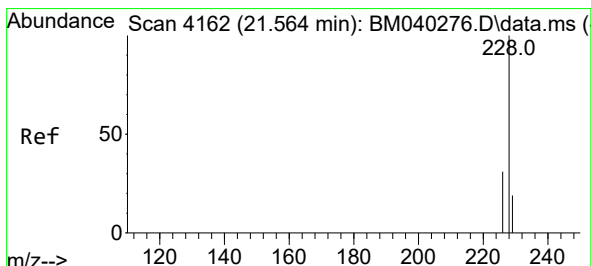
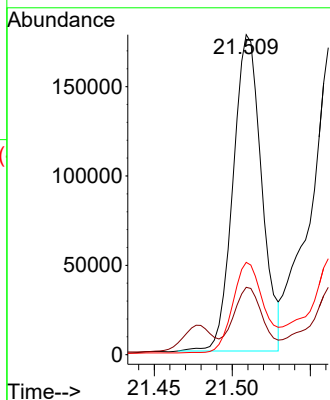
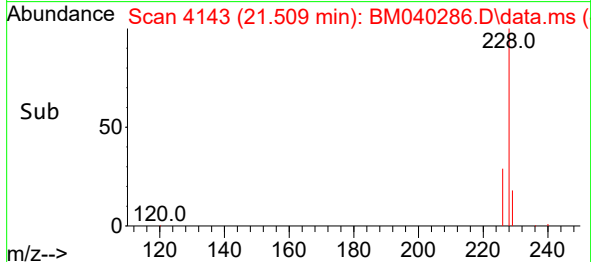
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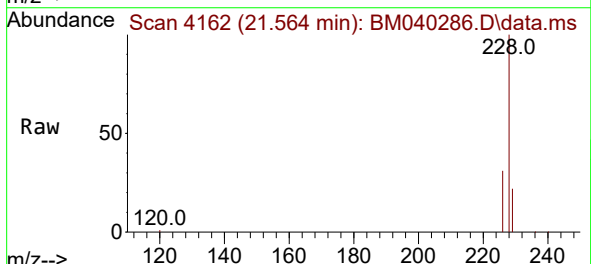
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Ion Ratio Lower Upper
228 100
229 21.1 15.8 23.8
226 28.8 22.0 33.0

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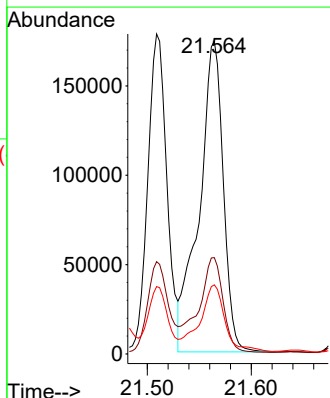
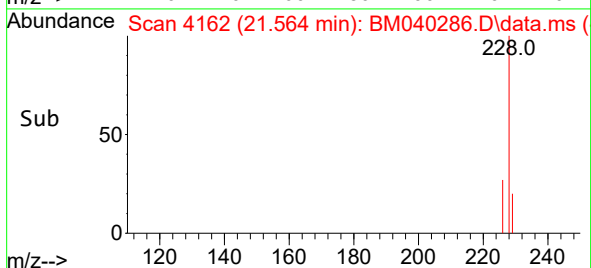
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

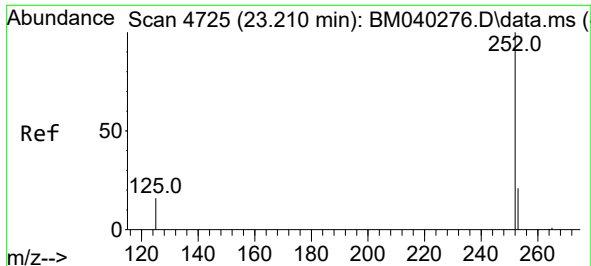


#22
Chrysene
Concen: 4.311 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24



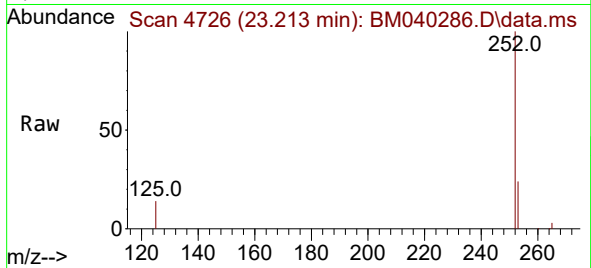
Tgt Ion:228 Resp: 280152
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 6.531 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

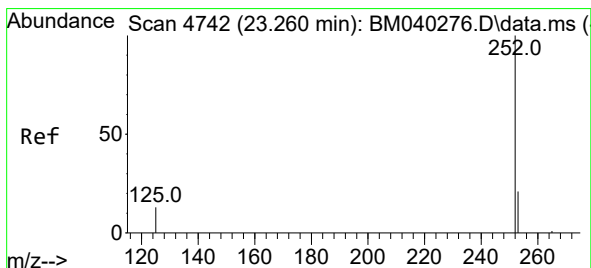
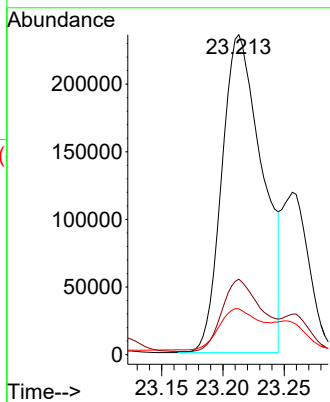
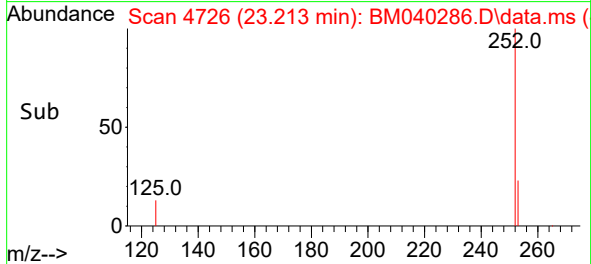
Instrument :
BNA_M
ClientSampleId :
DCFH9



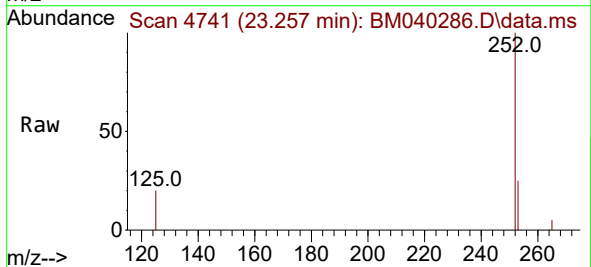
Tgt Ion:252 Resp: 539434
Ion Ratio Lower Upper
252 100
253 23.6 0.0 52.4
125 14.3 0.0 38.4

Manual Integrations
APPROVED

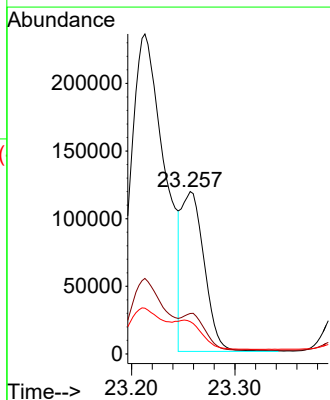
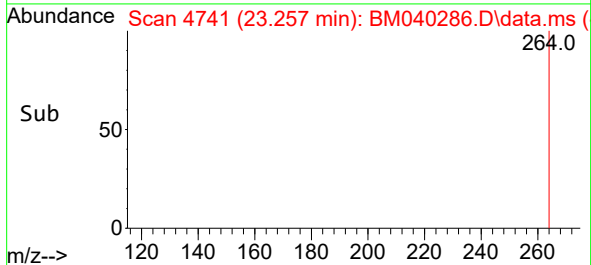
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

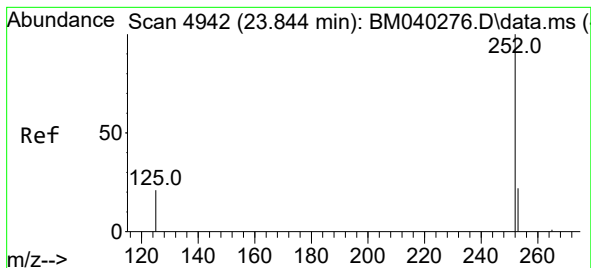


#25
Benzo(k)fluoranthene
Concen: 2.326 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24



Tgt Ion:252 Resp: 180895
Ion Ratio Lower Upper
252 100
253 24.9 21.5 32.3
125 19.9 14.7 22.1





#26

Benzo(a)pyrene

Concen: 4.871 ng/ul

RT: 23.844 min Scan# 4942

Delta R.T. -0.006 min

Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

Instrument :

BNA_M

ClientSampleId :

DCFH9

Tgt Ion:252 Resp: 33010

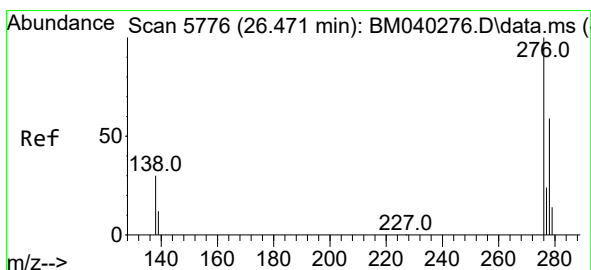
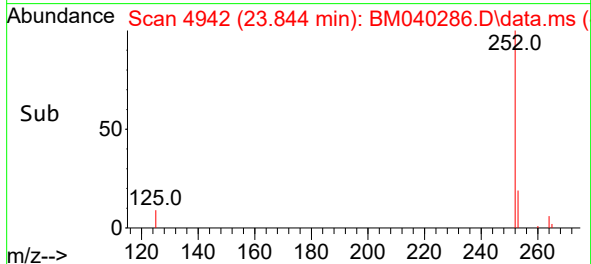
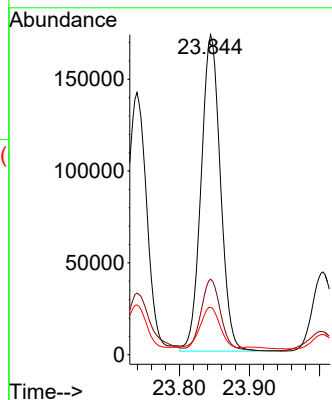
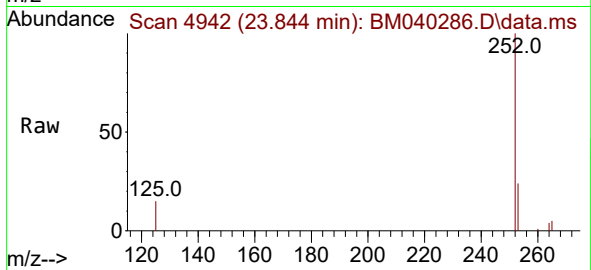
Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.0
125	14.8	19.7	29.5

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: 3.661 ng/ul

RT: 26.467 min Scan# 5775

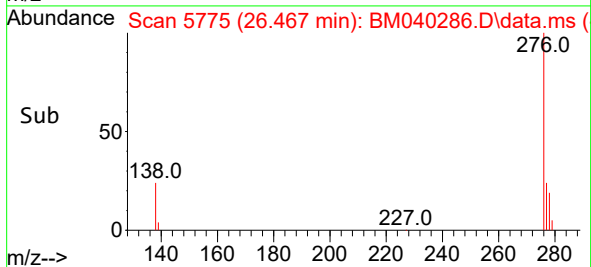
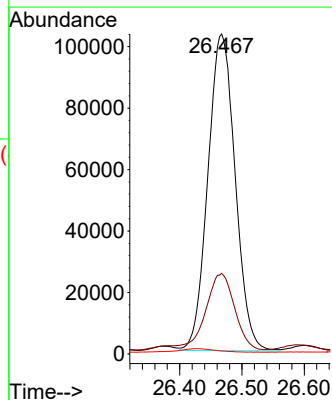
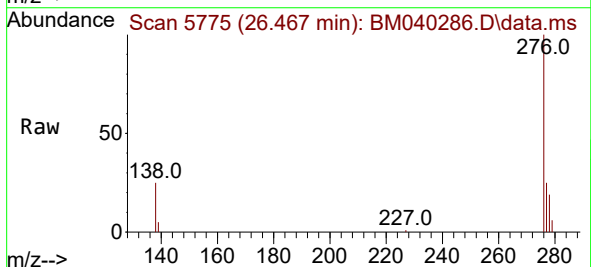
Delta R.T. -0.010 min

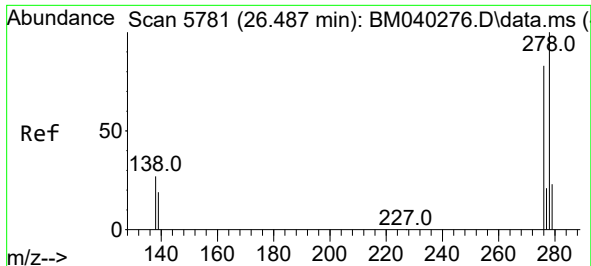
Lab File: BM040286.D

Acq: 16 Jun 2023 18:24

Tgt Ion:276 Resp: 314125

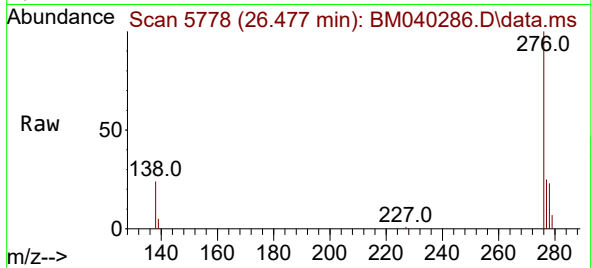
Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.3	34.9
227	0.0	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 1.100 ng/ul
RT: 26.477 min Scan# 5781
Delta R.T. -0.020 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

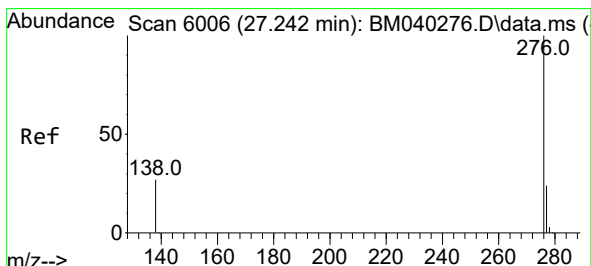
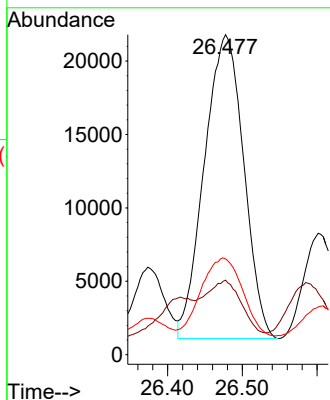
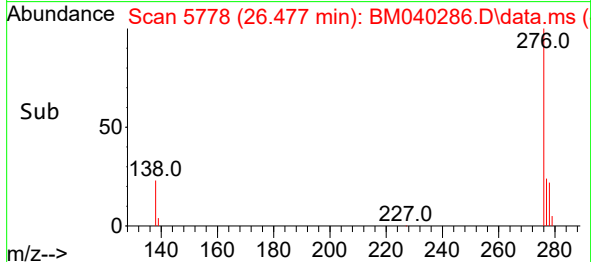
Instrument :
BNA_M
ClientSampleId :
DCFH9



Tgt Ion:278 Resp: 7573
Ion Ratio Lower Upper
278 100
139 23.3 16.4 24.6
279 30.0 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: 4.068 ng/ul
RT: 27.245 min Scan# 6007
Delta R.T. -0.010 min
Lab File: BM040286.D
Acq: 16 Jun 2023 18:24

Tgt Ion:276 Resp: 291474
Ion Ratio Lower Upper
276 100
138 25.5 21.0 31.4
277 24.1 19.6 29.4

