

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
 Data File : BM040300.D
 Acq On : 17 Jun 2023 03:03
 Operator : MA/JU
 Sample : 03080-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ5

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 03:37:57 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	9955	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	35869	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	17844	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	28972	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	18032	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	19136	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.350	96	50926	4.143	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	12247	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	15433	0.343	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.828	128	24769	0.291	ng/ul	98
7) 2-Methylnaphthalene	12.439	142	8524	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	6133	0.111	ng/ul	99
10) Acenaphthylene	14.327	152	34479	0.552	ng/ul	99
11) Acenaphthene	14.670	153	17004	0.318	ng/ul	100
12) Fluorene	15.655	166	11720	0.197	ng/ul#	98
15) Phenanthrene	17.391	178	462090	6.066	ng/ul	99
16) Anthracene	17.484	178	87718	1.359	ng/ul	99
19) Fluoranthene	19.403	202	1069856	17.418	ng/ul	99
20) Pyrene	19.770	202	907906	14.226	ng/ul	98
21) Benzo(a)anthracene	21.512	228	439519	8.258	ng/ul	98
22) Chrysene	21.564	228	478035	8.502	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	888054	12.589	ng/ul	91
25) Benzo(k)fluoranthene	23.257	252	309447m	4.658	ng/ul	
26) Benzo(a)pyrene	23.844	252	601823	10.397	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.471	276	578071	7.889	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.477	278	137820	2.343	ng/ul	98
29) Benzo(g,h,i)perylene	27.249	276	551822	9.017	ng/ul	99

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

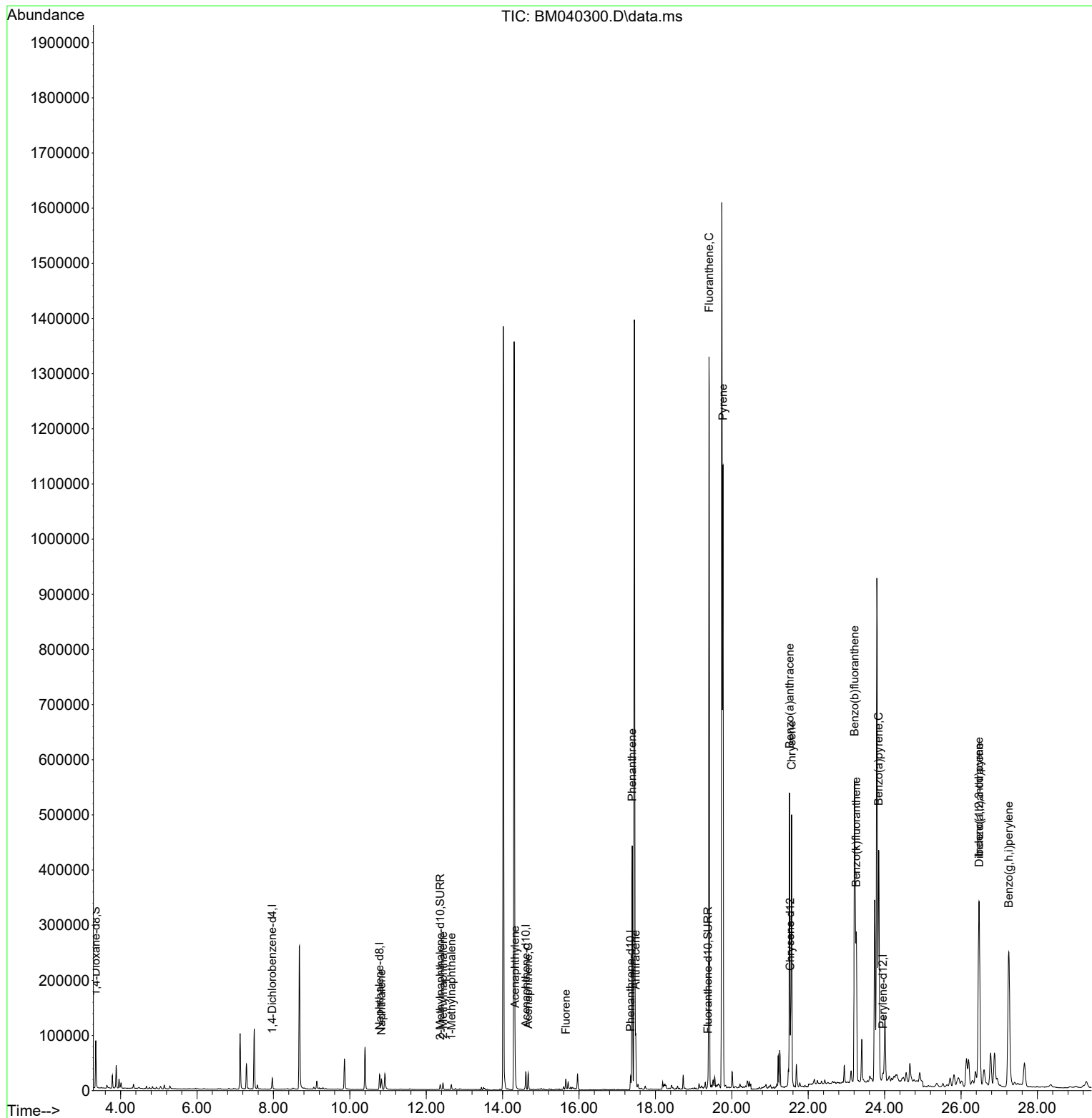
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061623\
Data File : BM040300.D
Acq On : 17 Jun 2023 03:03
Operator : MA/JU
Sample : 03080-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

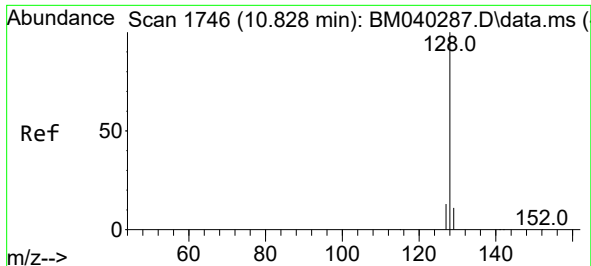
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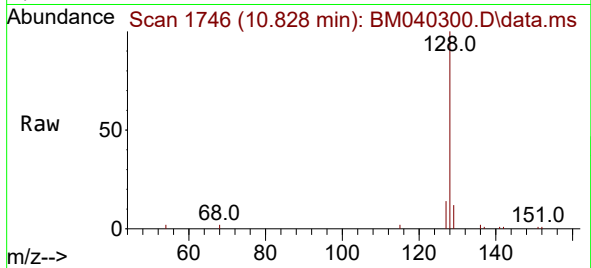
Quant Time: Jun 17 03:37:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.828 min Scan# 1746
Delta R.T. -0.005 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

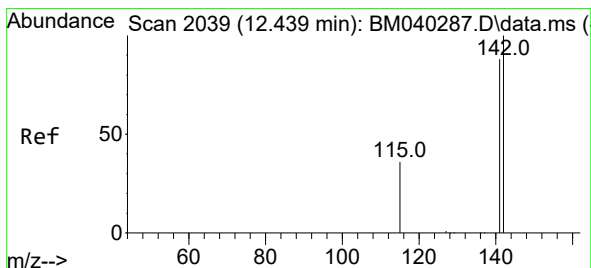
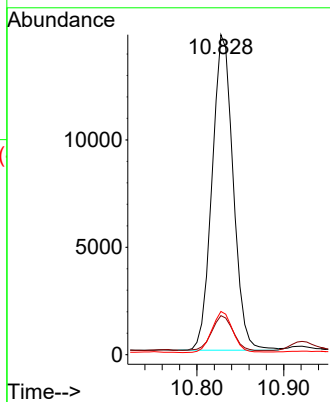
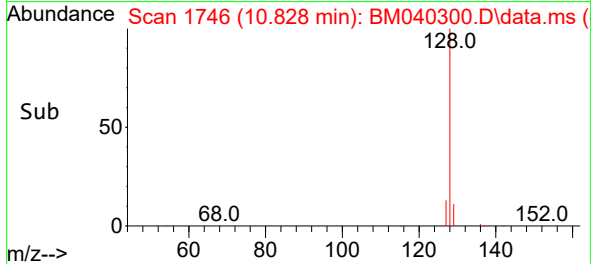
Instrument :
BNA_M
ClientSampleId :
DCFJ5



Tgt Ion:128 Resp: 24769
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.5 10.4 15.6

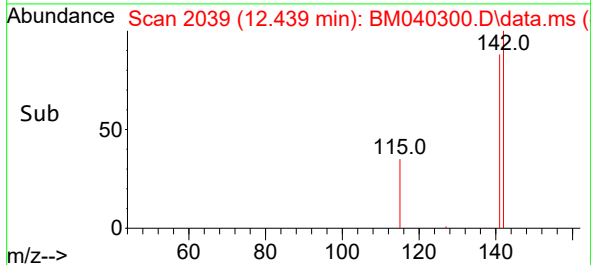
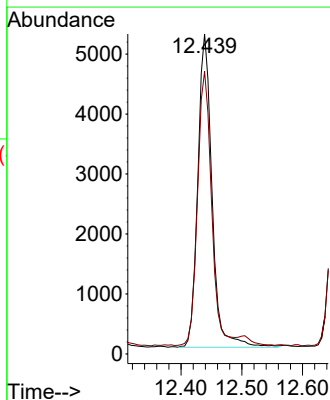
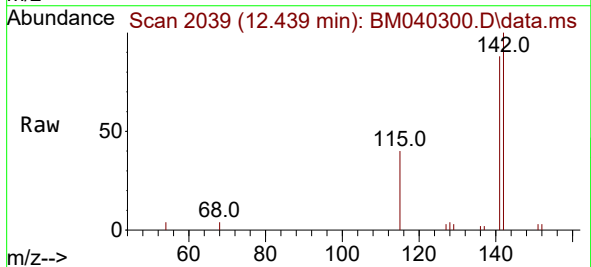
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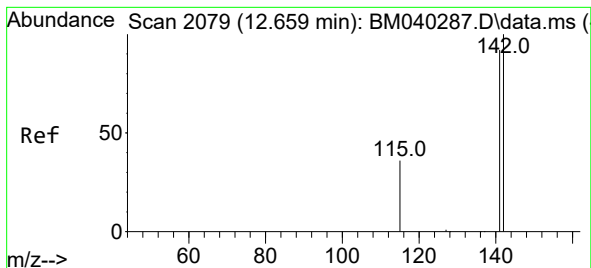
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

Tgt Ion:142 Resp: 8524
Ion Ratio Lower Upper
142 100
141 89.1 70.6 106.0





#8

1-Methylnaphthalene

Concen: 0.111 ng/ul

RT: 12.659 min Scan# 2079

Delta R.T. -0.005 min

Lab File: BM040300.D

Acq: 17 Jun 2023 03:03

Instrument :

BNA_M

ClientSampleId :

DCFJ5

Tgt Ion:142 Resp: 613

Ion Ratio Lower Upper

142 100

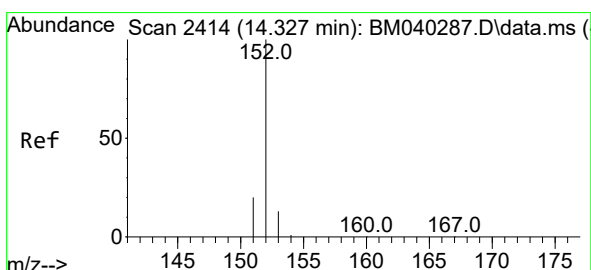
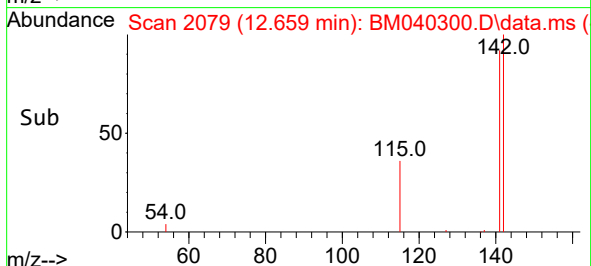
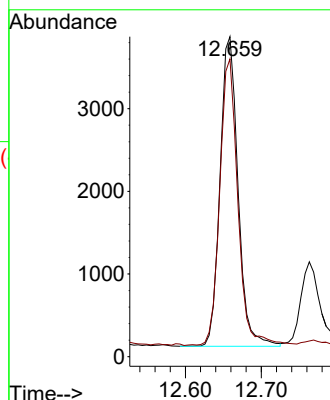
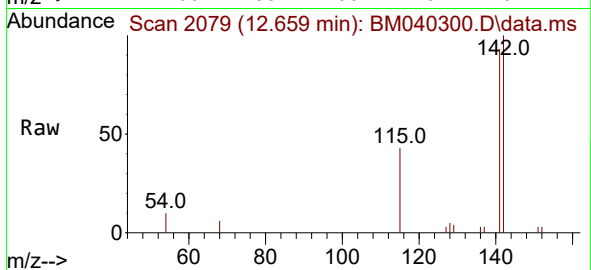
141 92.4 73.0 109.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.552 ng/ul

RT: 14.327 min Scan# 2414

Delta R.T. -0.005 min

Lab File: BM040300.D

Acq: 17 Jun 2023 03:03

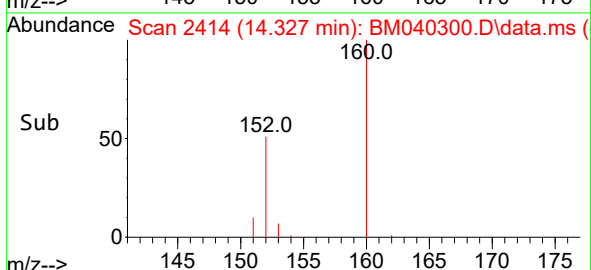
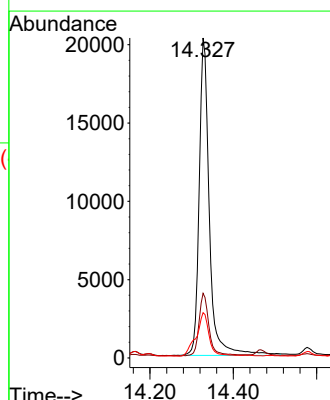
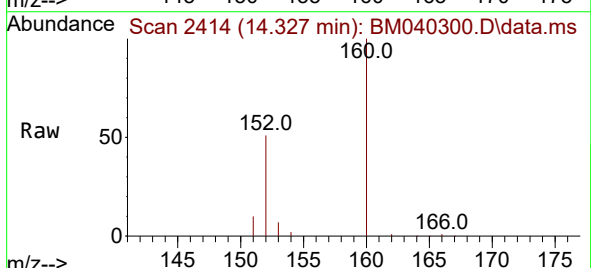
Tgt Ion:152 Resp: 34479

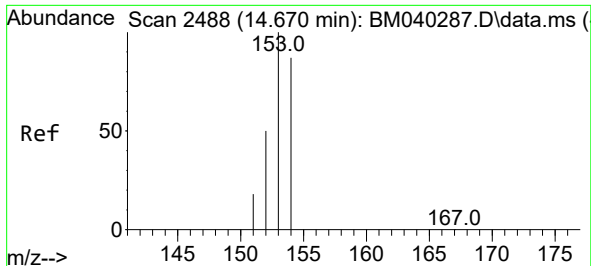
Ion Ratio Lower Upper

152 100

151 20.2 16.3 24.5

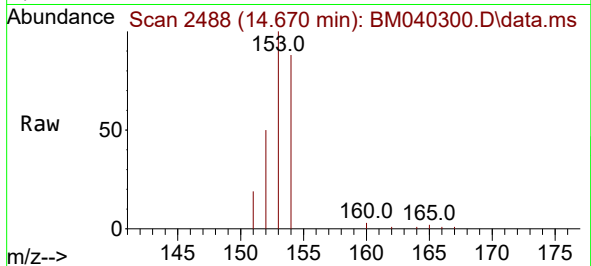
153 14.2 10.7 16.1





#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.670 min Scan# 2488
Delta R.T. -0.005 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

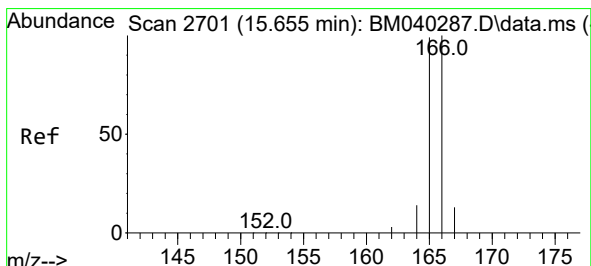
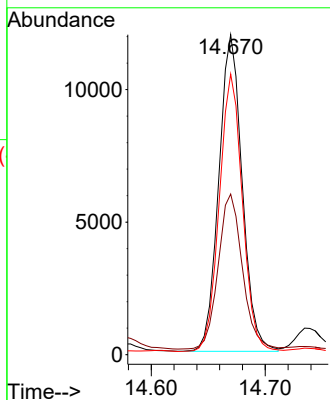
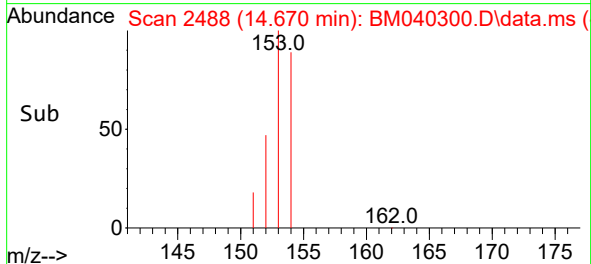
Instrument :
BNA_M
ClientSampleId :
DCFJ5



Tgt Ion:153 Resp: 17004
Ion Ratio Lower Upper
153 100
152 50.2 40.3 60.5
154 87.7 70.5 105.7

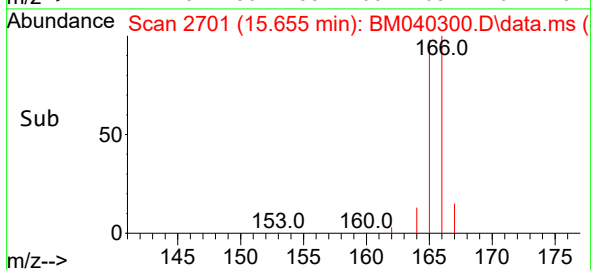
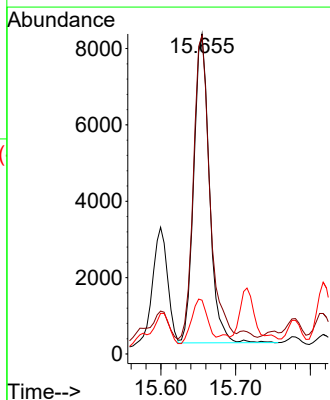
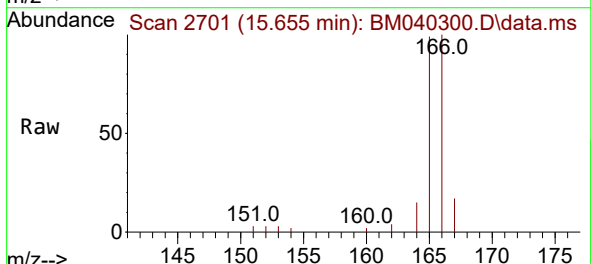
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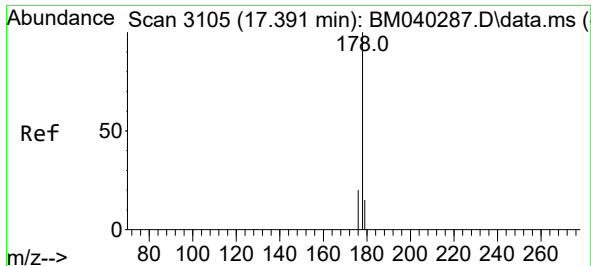
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#12
Fluorene
Concen: 0.197 ng/ul
RT: 15.655 min Scan# 2701
Delta R.T. -0.005 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

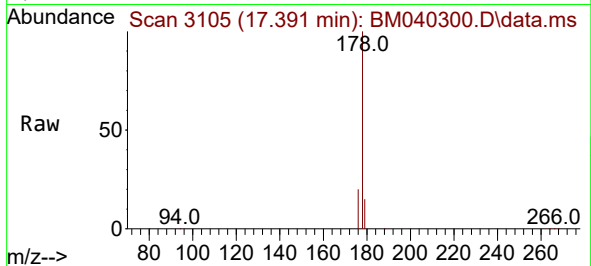
Tgt Ion:166 Resp: 11720
Ion Ratio Lower Upper
166 100
165 99.5 78.2 117.4
167 16.8 11.0 16.4#





#15
Phenanthrene
Concen: 6.066 ng/u1
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

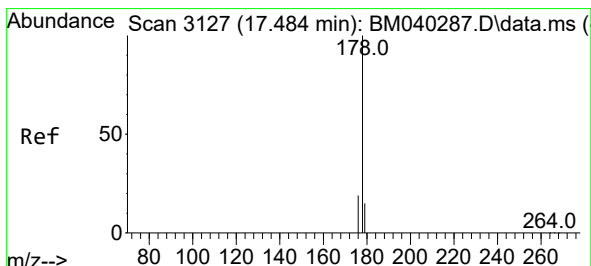
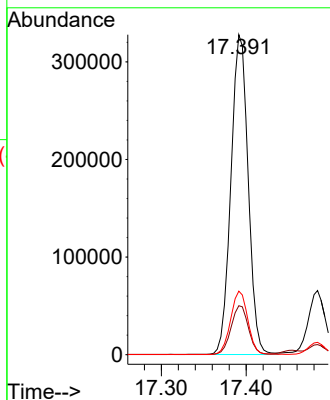
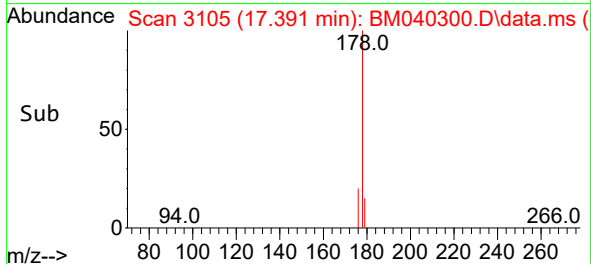
Instrument :
BNA_M
ClientSampleId :
DCFJ5



Tgt Ion:178 Resp: 462090
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.9 16.1 24.1

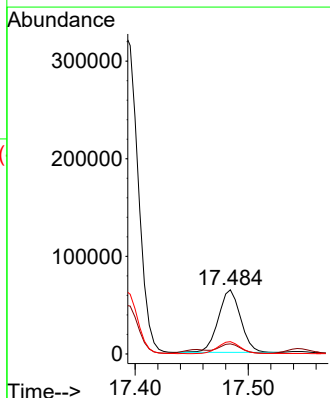
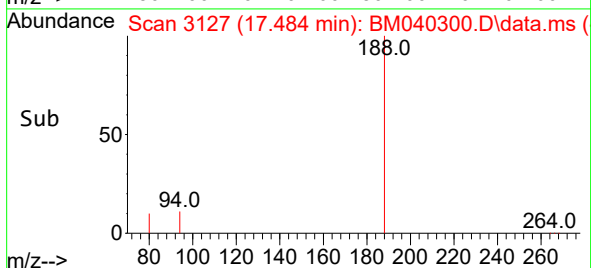
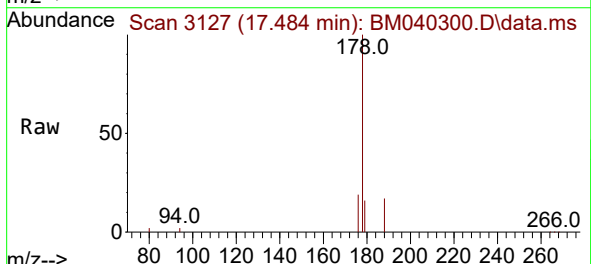
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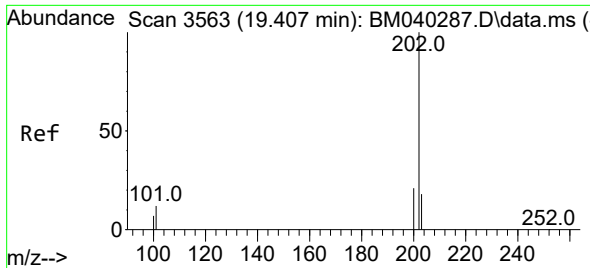
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#16
Anthracene
Concen: 1.359 ng/u1
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

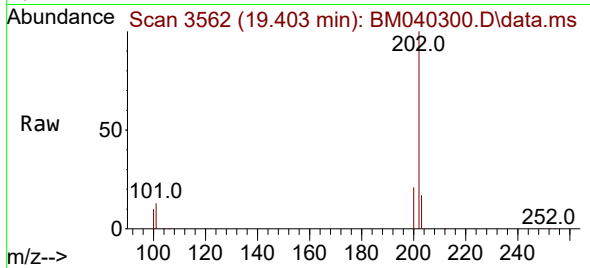
Tgt Ion:178 Resp: 87718
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 19.2 15.5 23.3





#19
Fluoranthene
Concen: 17.418 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

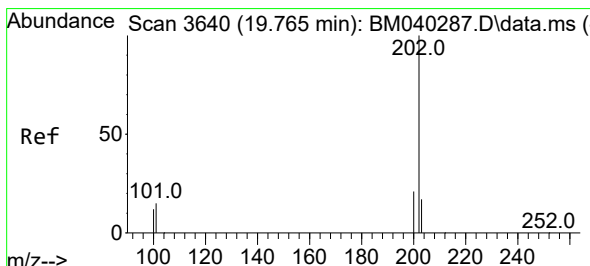
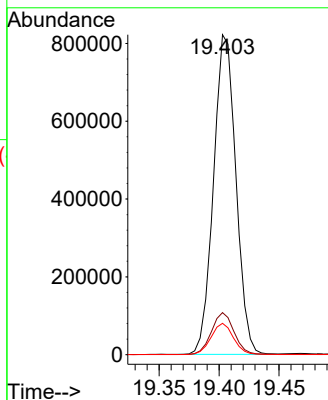
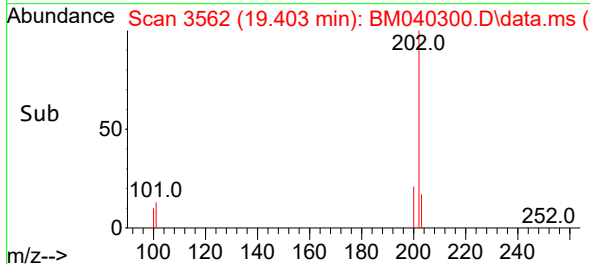
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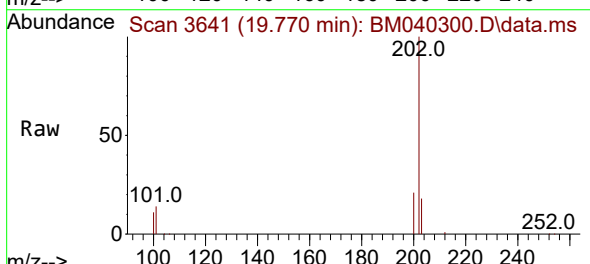
Tgt Ion:202 Resp: 1069850
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.4
100 9.8 7.6 11.4

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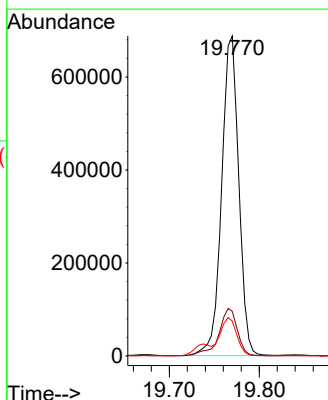
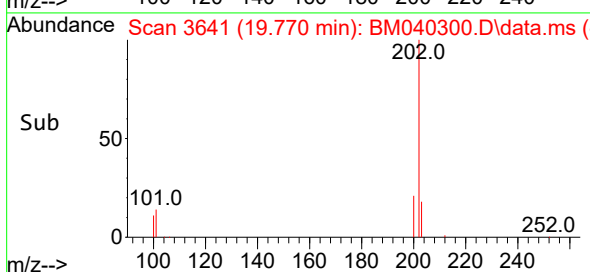
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

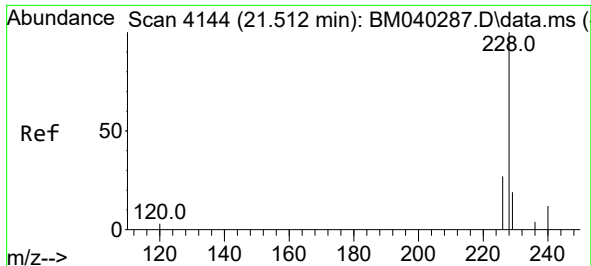


#20
Pyrene
Concen: 14.226 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03



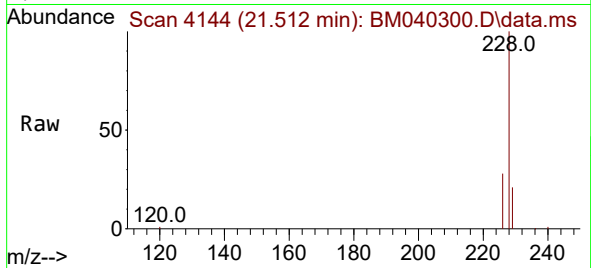
Tgt Ion:202 Resp: 907906
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.8
100 10.9 9.3 13.9





#21
Benzo(a)anthracene
Concen: 8.258 ng/u1
RT: 21.512 min Scan# 4144
Delta R.T. -0.003 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

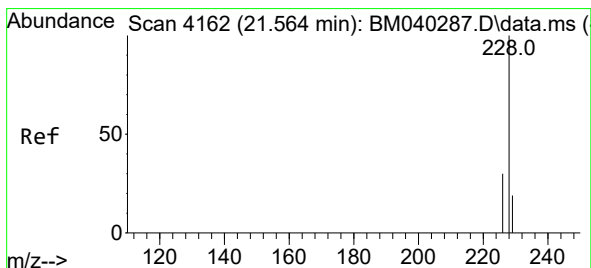
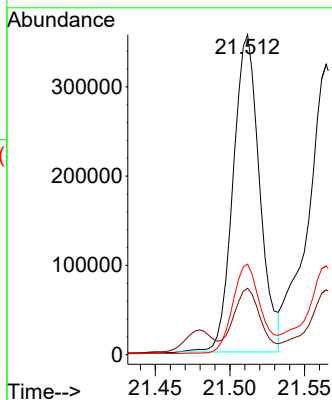
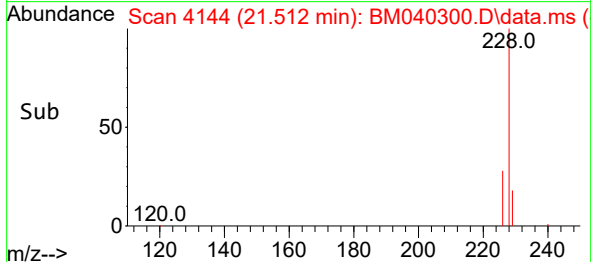
Instrument :
BNA_M
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DCFJ5



Tgt Ion:228 Resp: 439519
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 28.3 22.0 33.0

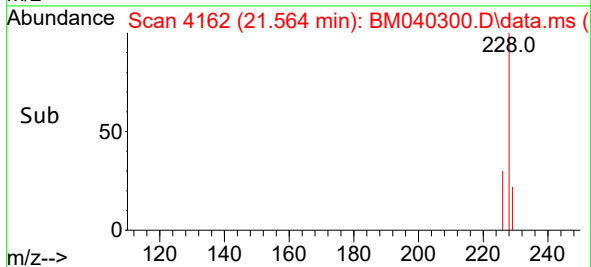
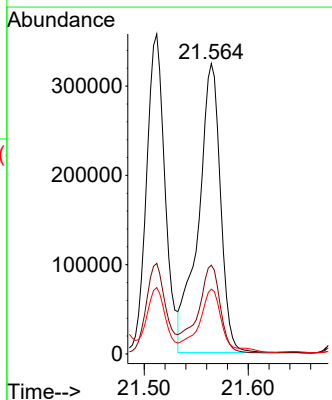
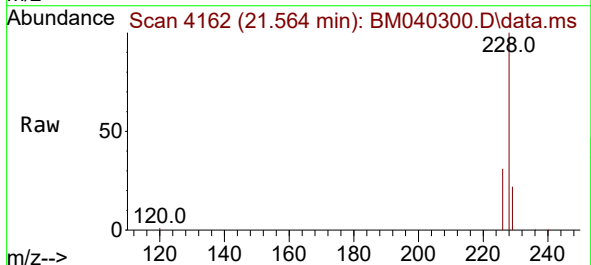
Manual Integrations
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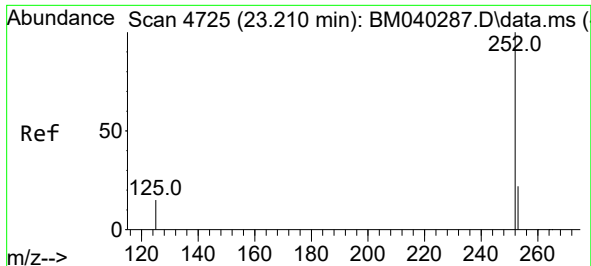
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#22
Chrysene
Concen: 8.502 ng/u1
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

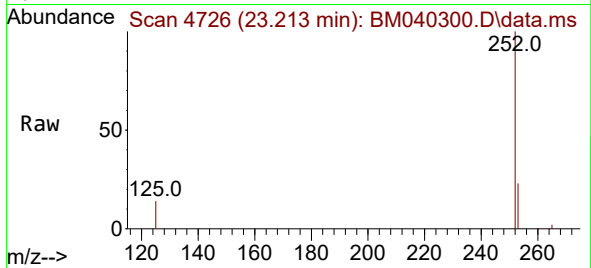
Tgt Ion:228 Resp: 478035
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.3 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 12.589 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

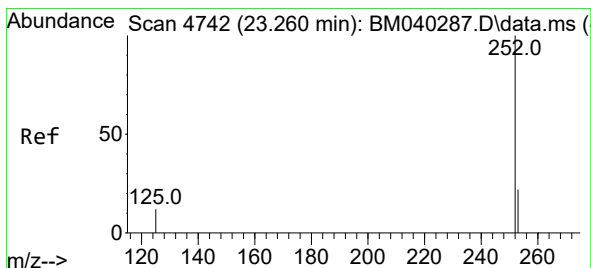
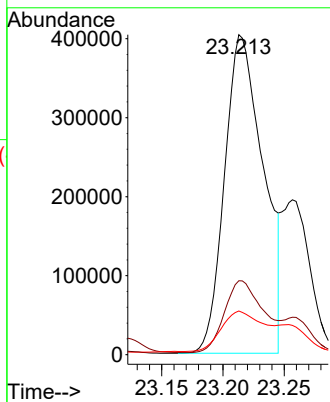
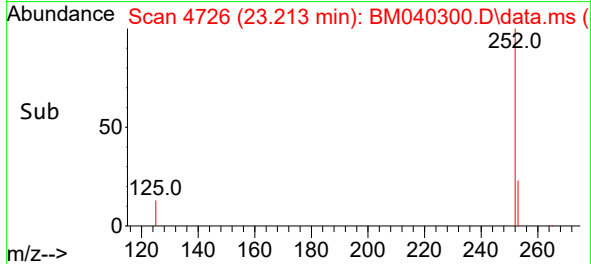
Instrument :
BNA_M
ClientSampleId :
DCFJ5



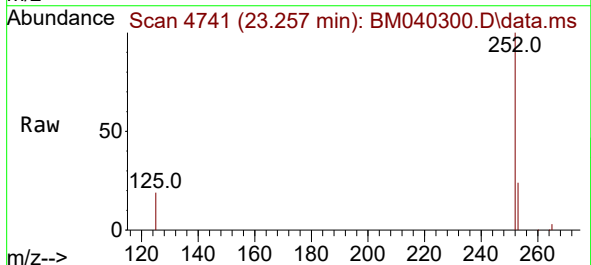
Tgt Ion:252 Resp: 888054
Ion Ratio Lower Upper
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253 23.1 0.0 52.4
125 13.6 0.0 38.4

Manual Integrations
APPROVED

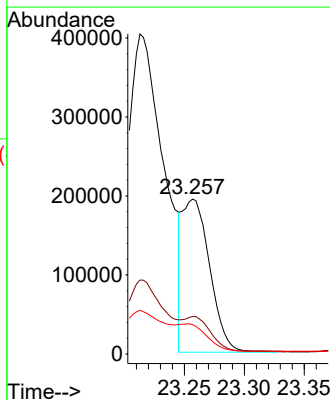
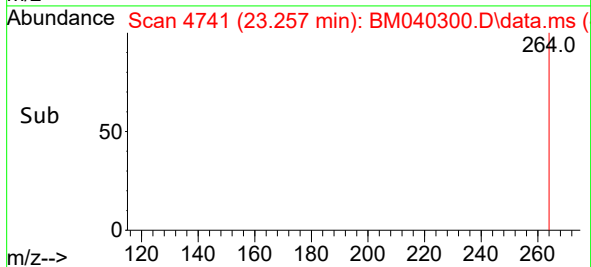
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

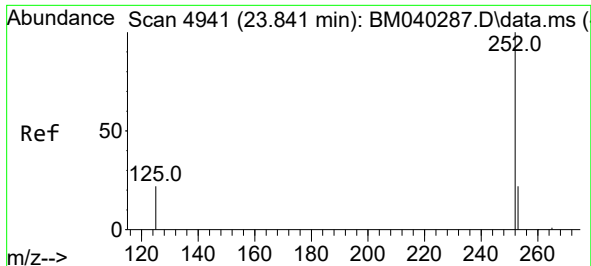


#25
Benzo(k)fluoranthene
Concen: 4.658 ng/ul m
RT: 23.257 min Scan# 4741
Delta R.T. -0.009 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03



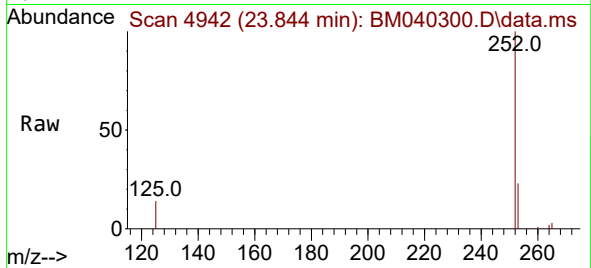
Tgt Ion:252 Resp: 309447
Ion Ratio Lower Upper
252 100
253 24.2 21.5 32.3
125 18.9 14.7 22.1





#26
Benzo(a)pyrene
Concen: 10.397 ng/ul
RT: 23.844 min Scan# 4941
Delta R.T. -0.006 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

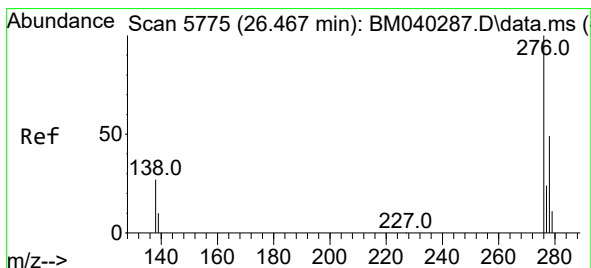
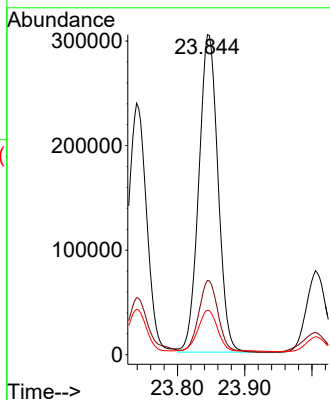
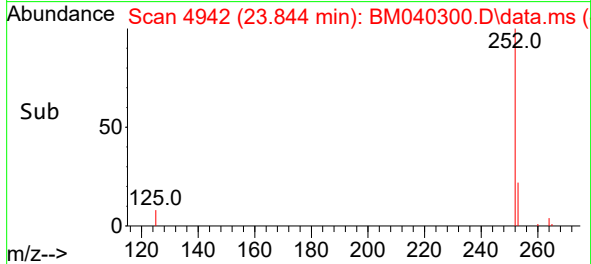
Instrument :
BNA_M
ClientSampleId :
DCFJ5



Tgt Ion:252 Resp: 601823
Ion Ratio Lower Upper
252 100
253 23.2 23.4 35.0
125 13.9 19.7 29.5

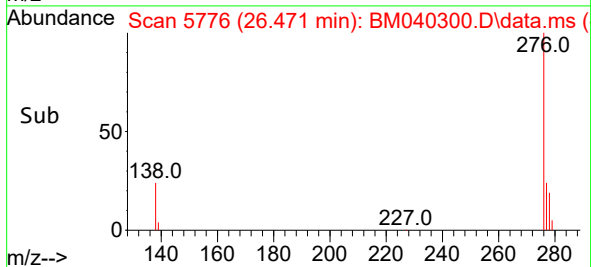
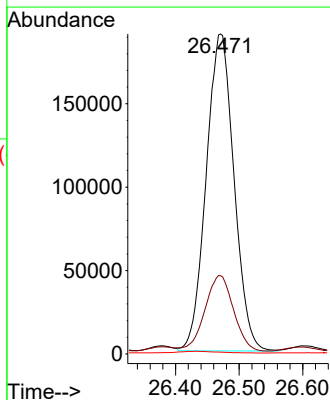
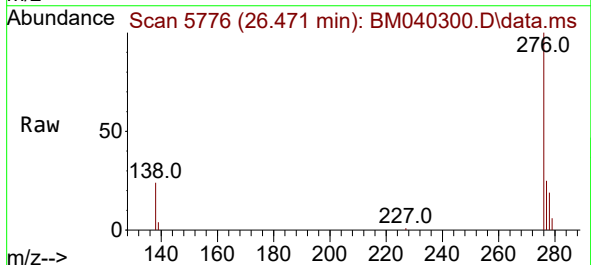
Manual Integrations
APPROVED

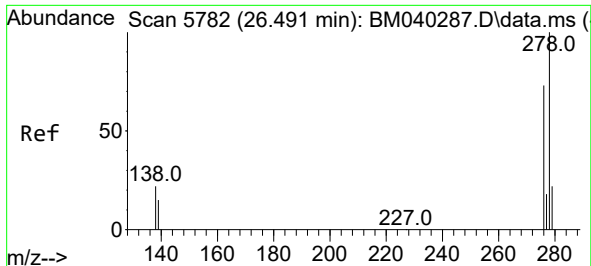
Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 7.889 ng/ul
RT: 26.471 min Scan# 5776
Delta R.T. -0.007 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

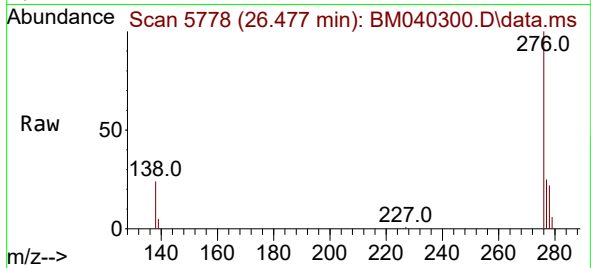
Tgt Ion:276 Resp: 578071
Ion Ratio Lower Upper
276 100
138 24.5 23.3 34.9
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 2.343 ng/ul
RT: 26.477 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

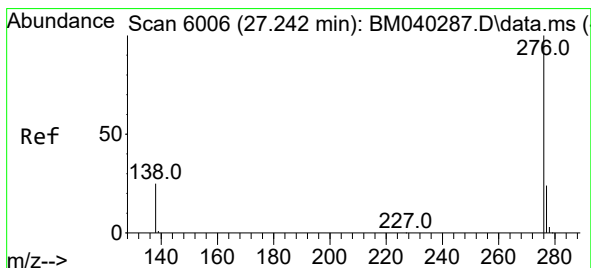
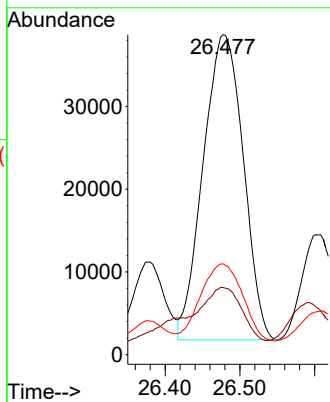
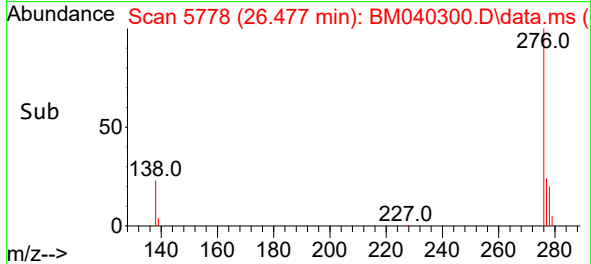
Instrument :
BNA_M
ClientSampleId :
DCFJ5



Tgt Ion:278 Resp: 137820
Ion Ratio Lower Upper
278 100
139 21.0 16.4 24.6
279 28.4 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: 9.017 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040300.D
Acq: 17 Jun 2023 03:03

Tgt Ion:276 Resp: 551822
Ion Ratio Lower Upper
276 100
138 25.1 21.0 31.4
277 24.2 19.6 29.4

