

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040672.D
 Acq On : 06 Jul 2023 11:57
 Operator : MA/JU
 Sample : 03248-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 13:06:55 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	7558	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	28303	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.549	164	14392	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	26481	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	17341	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	18458	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	36959	3.113	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	9860	0.249	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	15626	0.281	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	3270	0.042	ng/ul#	83
7) 2-Methylnaphthalene	12.378	142	2008	0.044	ng/ul	94
8) 1-Methylnaphthalene	12.593	142	1538	0.034	ng/ul	97
10) Acenaphthylene	14.272	152	3419	0.053	ng/ul#	84
11) Acenaphthene	14.610	153	1465	0.027	ng/ul	94
15) Phenanthrene	17.341	178	25522	0.310	ng/ul	99
16) Anthracene	17.429	178	3774	0.055	ng/ul#	87
19) Fluoranthene	19.356	202	72533	0.985	ng/ul	99
20) Pyrene	19.719	202	68662	0.869	ng/ul#	93
21) Benzo(a)anthracene	21.471	228	37738	0.643	ng/ul	97
22) Chrysene	21.524	228	41013	0.613	ng/ul	97
24) Benzo(b)fluoranthene	23.163	252	74159	1.038	ng/ul	96
25) Benzo(k)fluoranthene	23.198	252	25778m	0.366	ng/ul	
26) Benzo(a)pyrene	23.783	252	46485	0.722	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.377	276	44418	0.496	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.387	278	10466	0.149	ng/ul#	75
29) Benzo(g,h,i)perylene	27.148	276	38216	0.487	ng/ul	99

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

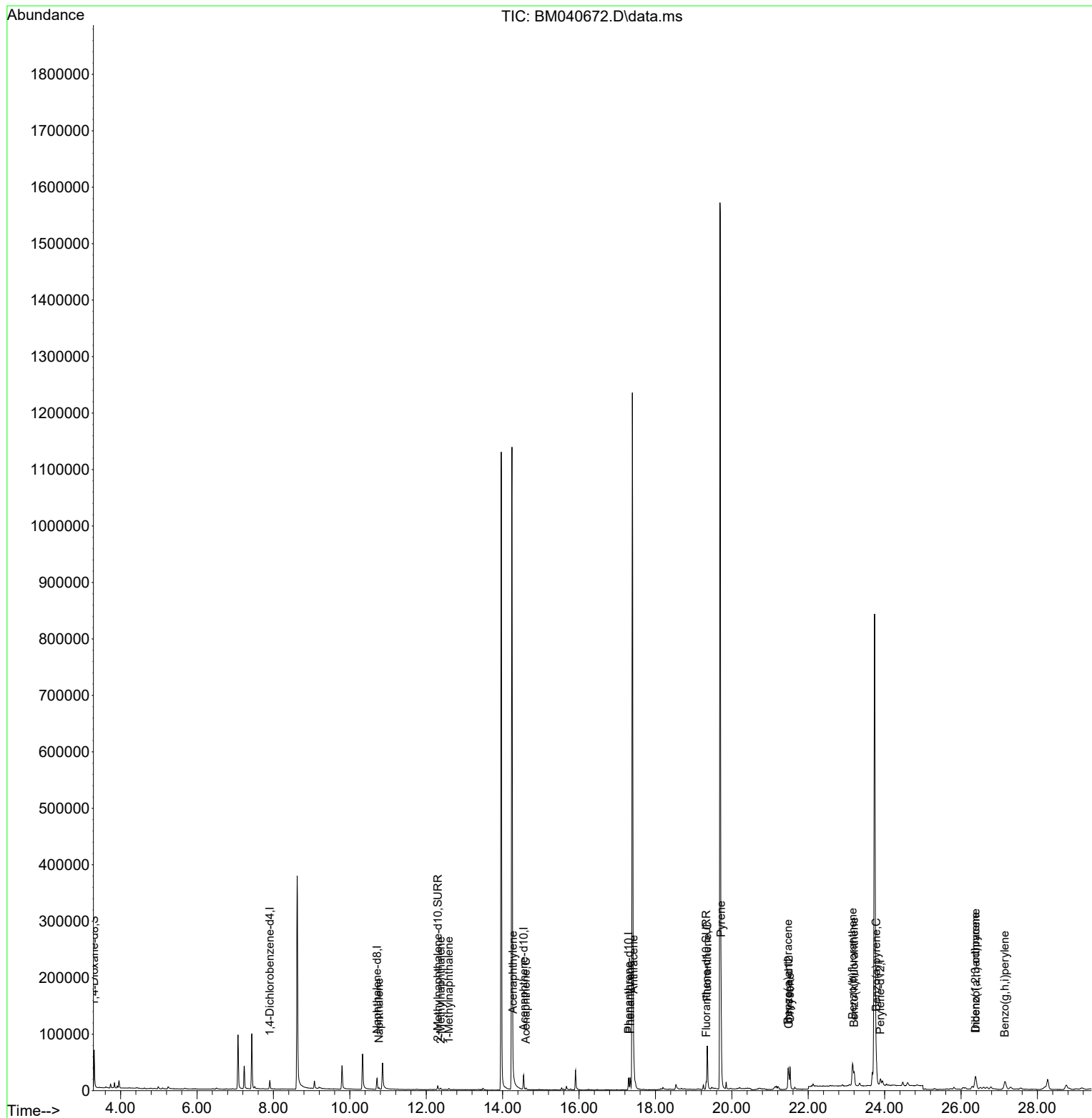
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040672.D
Acq On : 06 Jul 2023 11:57
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ALS Vial : 42 Sample Multiplier: 1

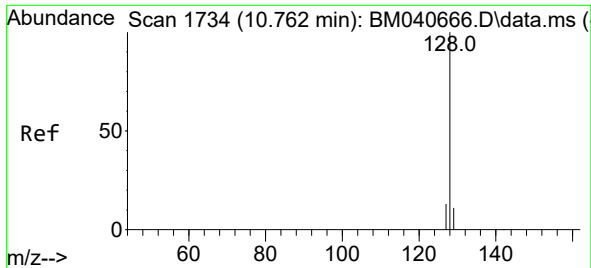
Instrument :
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Quant Time: Jul 06 13:06:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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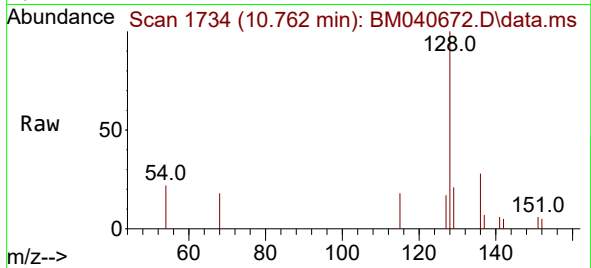
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.042 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

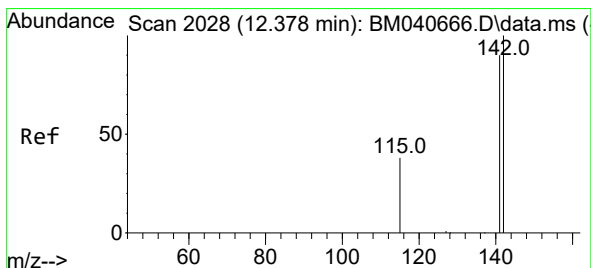
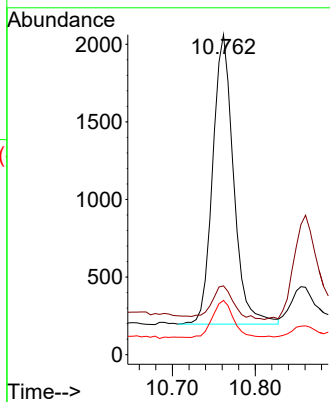
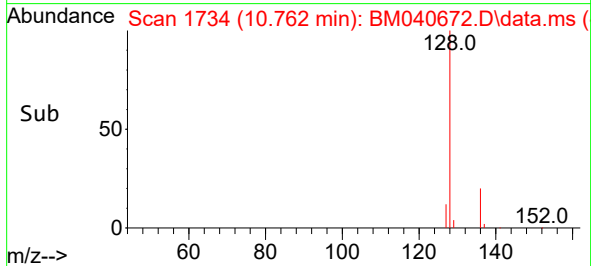
Instrument :
BNA_M
ClientSampleId :
DCGN5



Tgt Ion:128 Resp: 3270
Ion Ratio Lower Upper
128 100
129 21.5 9.2 13.8
127 16.9 10.6 15.8

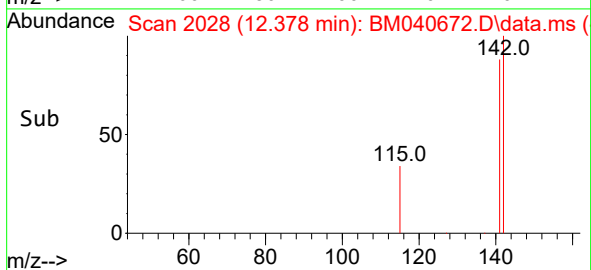
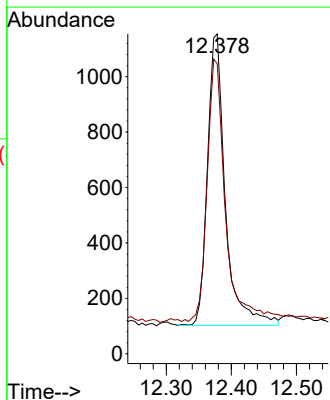
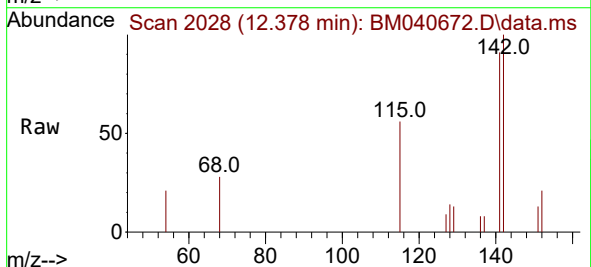
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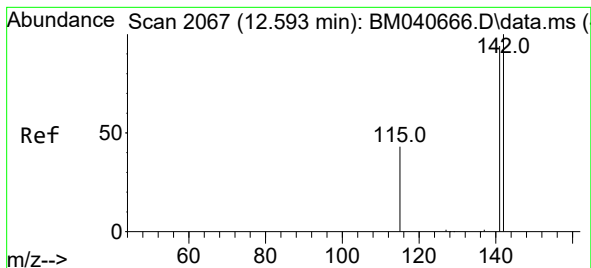
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

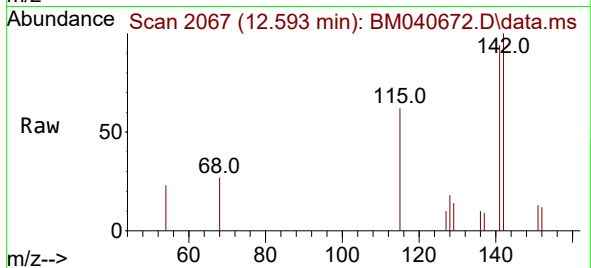
Tgt Ion:142 Resp: 2008
Ion Ratio Lower Upper
142 100
141 95.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.593 min Scan# 2067
Delta R.T. -0.010 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

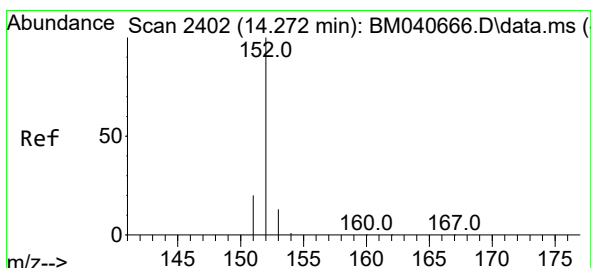
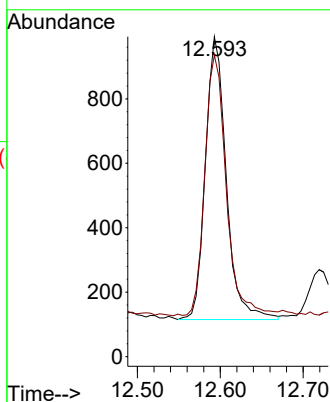
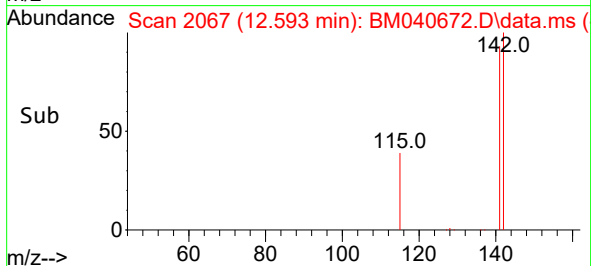
Instrument :
BNA_M
ClientSampleId :
DCGN5



Tgt Ion:142 Resp: 1538
Ion Ratio Lower Upper
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141 94.7 73.7 110.5

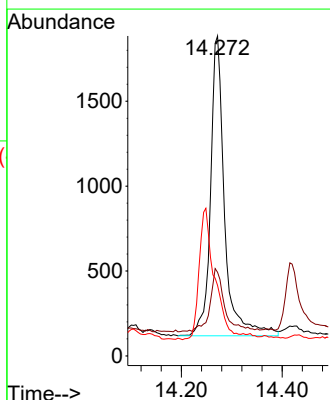
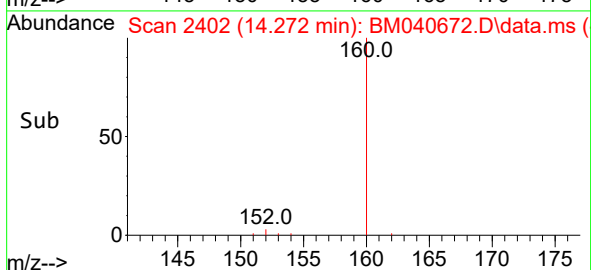
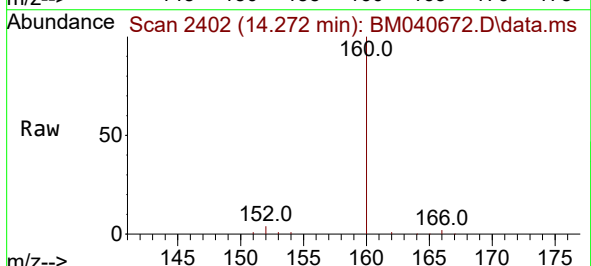
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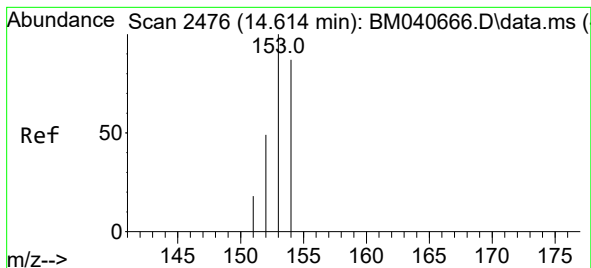
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

Tgt Ion:152 Resp: 3419
Ion Ratio Lower Upper
152 100
151 26.2 16.2 24.2#
153 22.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.610 min Scan# 2476

Delta R.T. -0.008 min

Lab File: BM040672.D

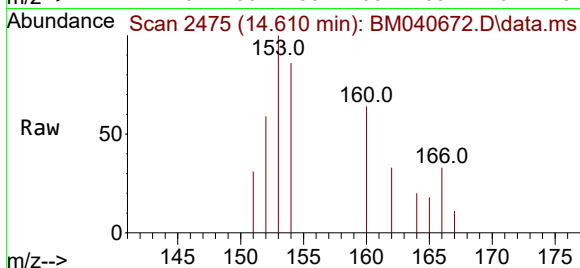
Acq: 06 Jul 2023 11:57

Instrument :

BNA_M

ClientSampleId :

DCGN5



Tgt Ion:153 Resp: 146

Ion Ratio Lower Upper

153 100

152 58.9 41.0 61.4

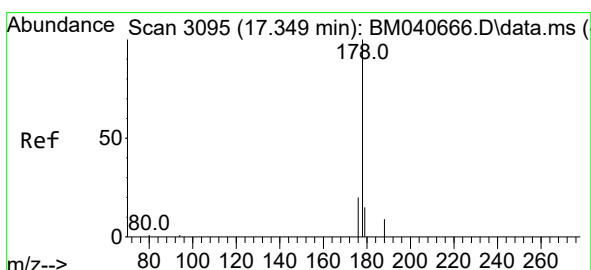
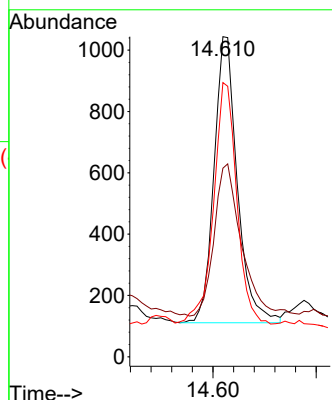
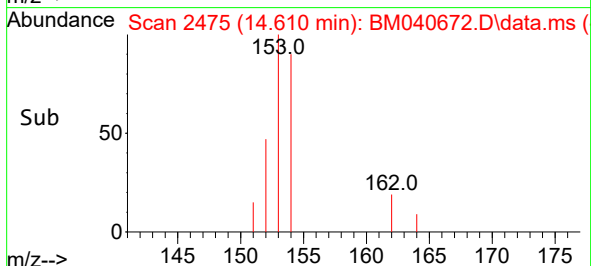
154 85.6 70.8 106.2

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#15

Phenanthrene

Concen: 0.310 ng/ul

RT: 17.341 min Scan# 3093

Delta R.T. -0.011 min

Lab File: BM040672.D

Acq: 06 Jul 2023 11:57

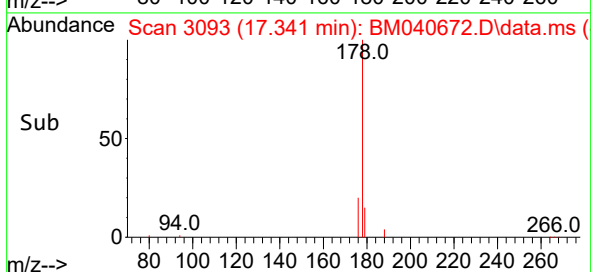
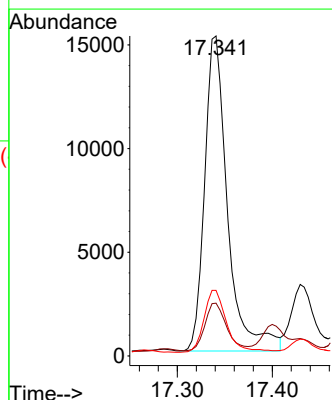
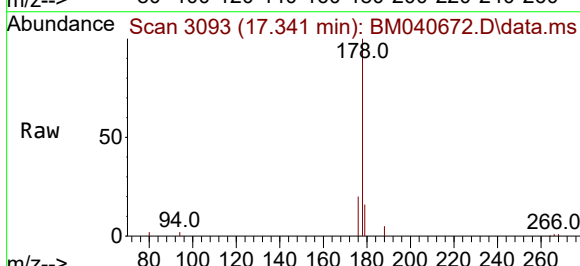
Tgt Ion:178 Resp: 25522

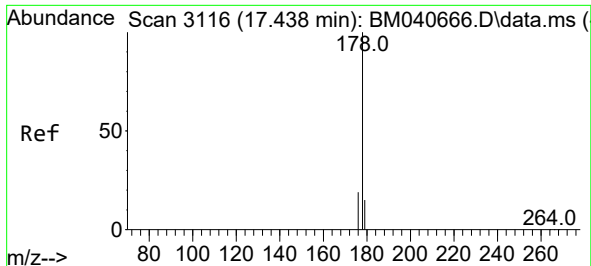
Ion Ratio Lower Upper

178 100

179 16.5 12.8 19.2

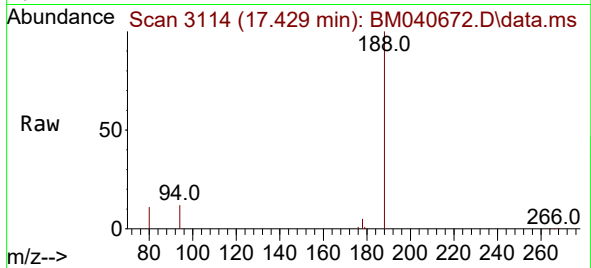
176 20.5 16.4 24.6





#16
 Anthracene
 Concen: 0.055 ng/ul
 RT: 17.429 min Scan# 3114
 Delta R.T. -0.015 min
 Lab File: BM040672.D
 Acq: 06 Jul 2023 11:57

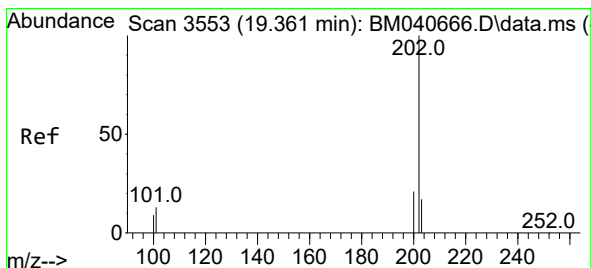
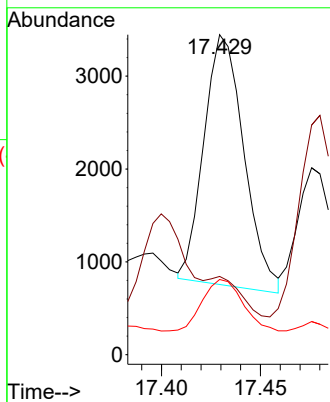
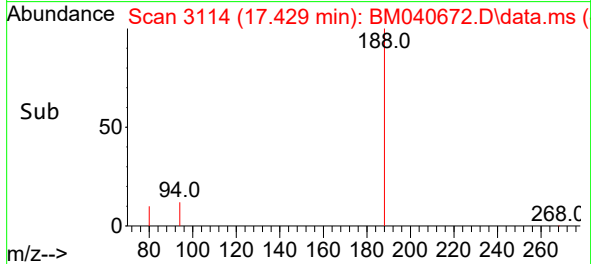
Instrument :
 BNA_M
 ClientSampleId :
 DCGN5



Tgt Ion:178 Resp: 3774
 Ion Ratio Lower Upper
 178 100
 179 24.5 12.9 19.3
 176 23.5 15.8 23.6

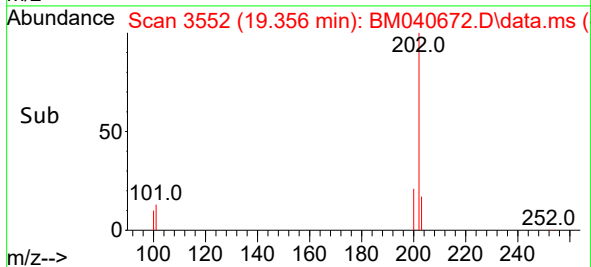
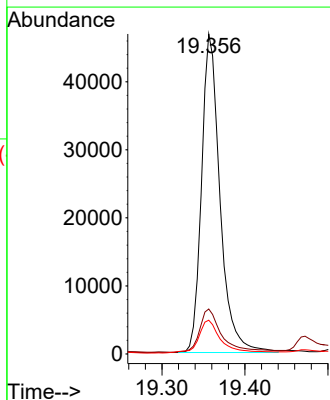
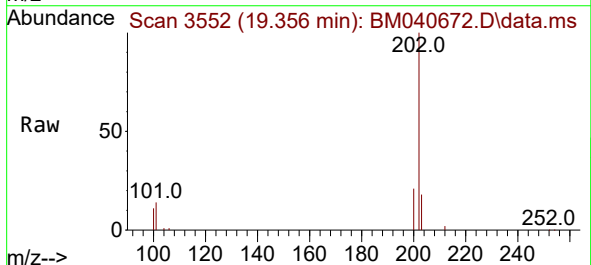
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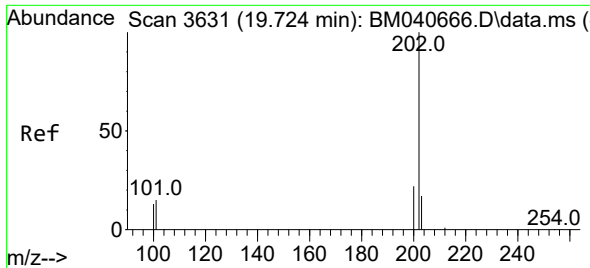
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 0.985 ng/ul
 RT: 19.356 min Scan# 3552
 Delta R.T. -0.012 min
 Lab File: BM040672.D
 Acq: 06 Jul 2023 11:57

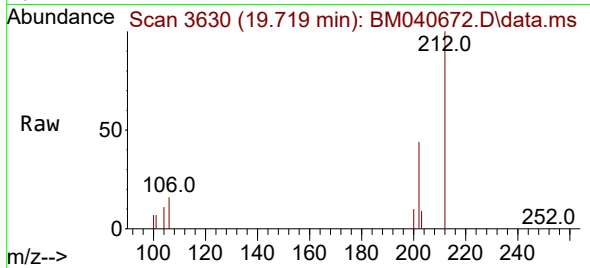
Tgt Ion:202 Resp: 72533
 Ion Ratio Lower Upper
 202 100
 101 14.1 11.4 17.0
 100 10.6 8.7 13.1





#20
Pyrene
Concen: 0.869 ng/ul
RT: 19.719 min Scan# 30
Delta R.T. -0.012 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

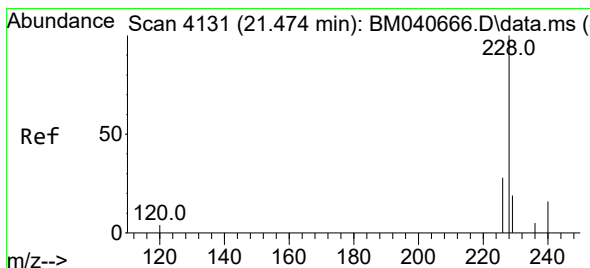
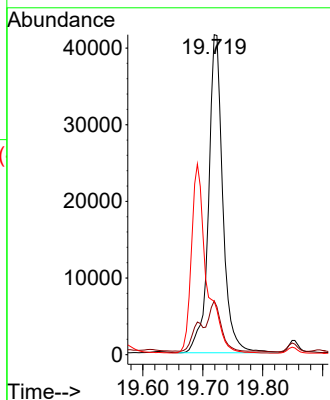
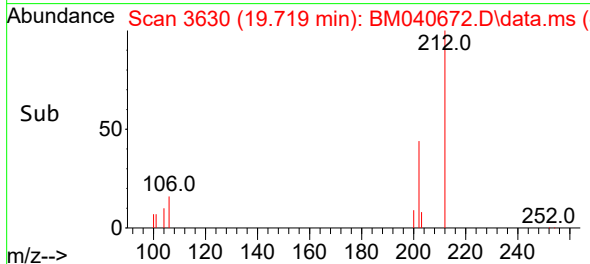
Instrument :
BNA_M
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DCGN5



Tgt Ion:202 Resp: 68662
Ion Ratio Lower Upper
202 100
101 16.8 12.6 18.8
100 16.7 9.8 14.6

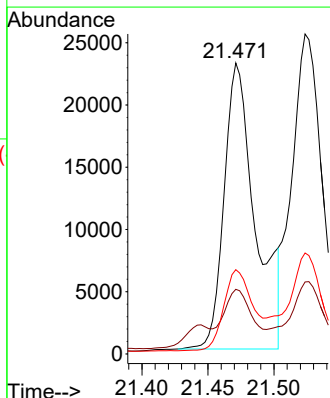
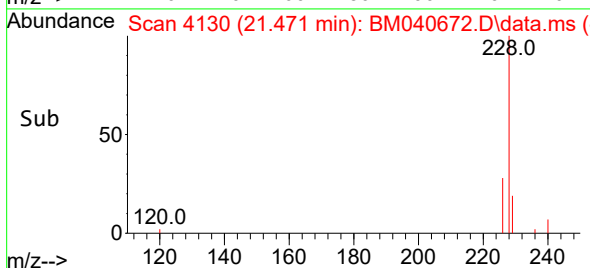
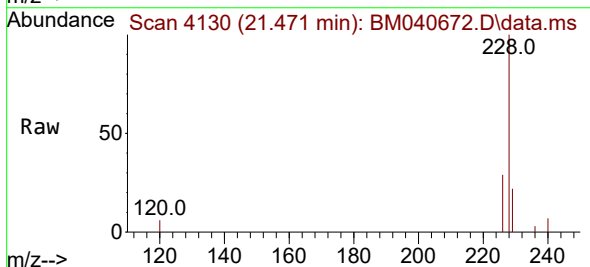
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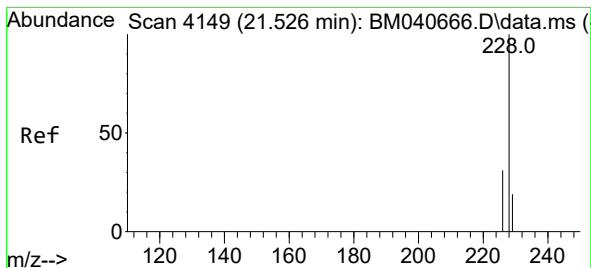
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.643 ng/ul
RT: 21.471 min Scan# 4130
Delta R.T. -0.007 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

Tgt Ion:228 Resp: 37738
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 29.0 22.3 33.5





#22

Chrysene

Concen: 0.613 ng/ul

RT: 21.524 min Scan# 4149

Delta R.T. -0.007 min

Lab File: BM040672.D

Acq: 06 Jul 2023 11:57

Instrument :

BNA_M

ClientSampleId :

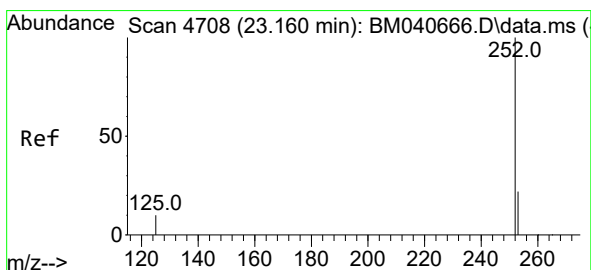
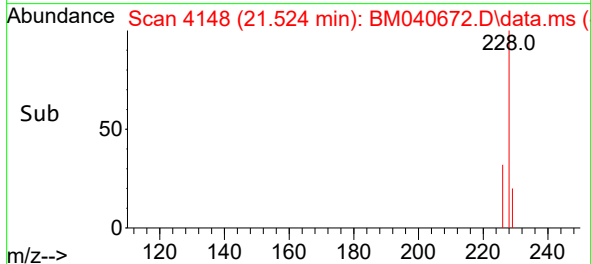
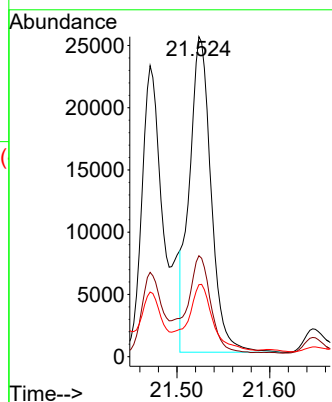
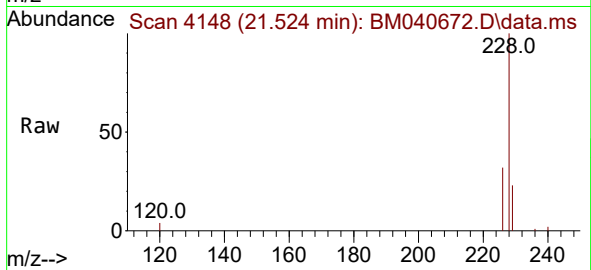
DCGN5

Tgt Ion:228	Resp:	4101
Ion Ratio	Lower	Upper
228	100	
226	31.6	24.9 37.3
229	22.5	15.8 23.6

Manual Integrations

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#24

Benzo(b)fluoranthene

Concen: 1.038 ng/ul

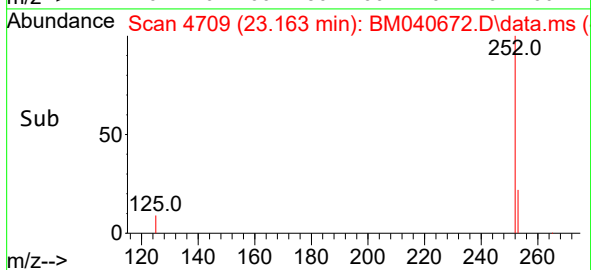
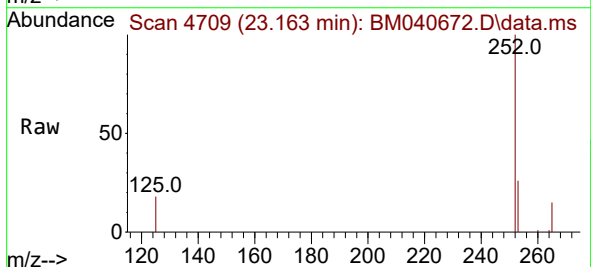
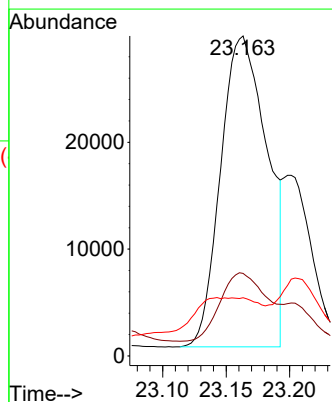
RT: 23.163 min Scan# 4709

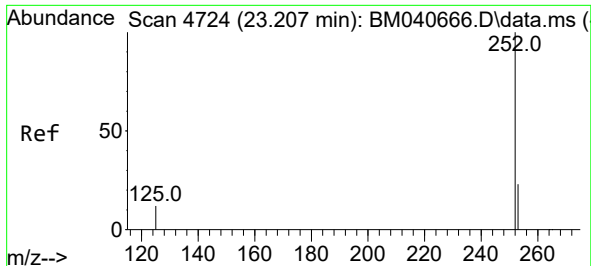
Delta R.T. -0.004 min

Lab File: BM040672.D

Acq: 06 Jul 2023 11:57

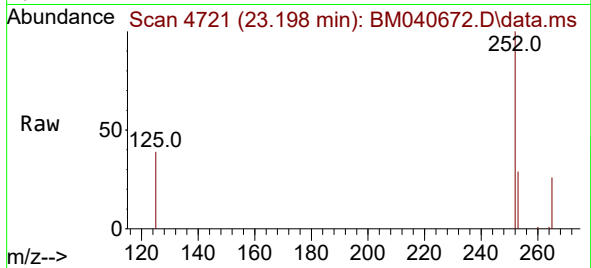
Tgt Ion:252	Resp:	74159
Ion Ratio	Lower	Upper
252	100	
253	25.8	0.0 52.8
125	18.2	0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

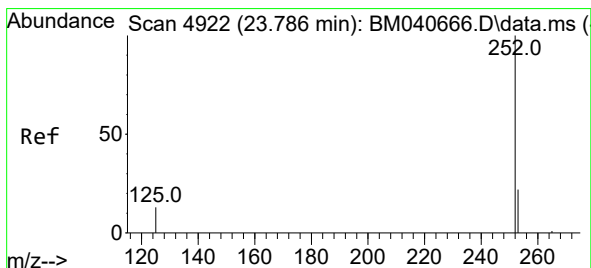
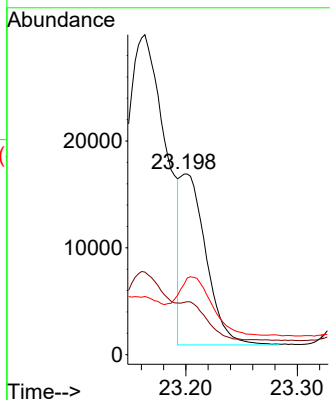
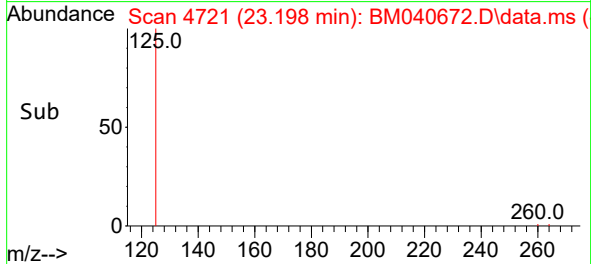
Instrument :
BNA_M
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DCGN5



Tgt Ion:252 Resp: 25778
Ion Ratio Lower Upper
252 100
253 29.0 21.2 31.8
125 39.1 16.4 24.6

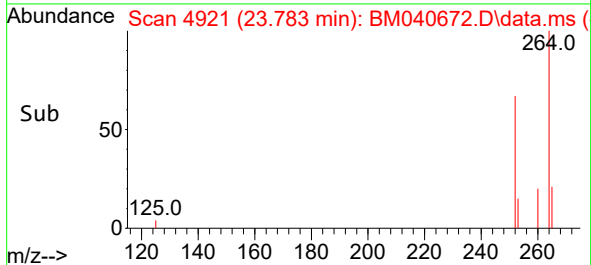
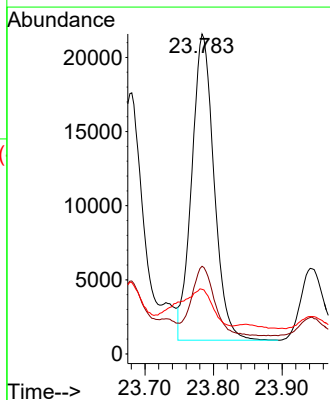
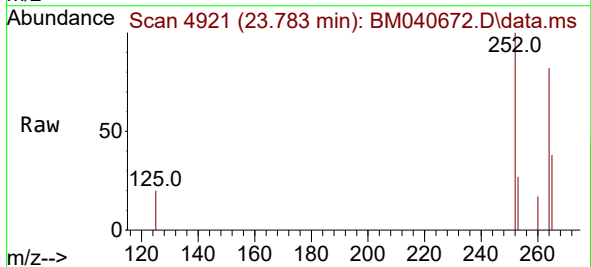
Manual Integrations
APPROVED

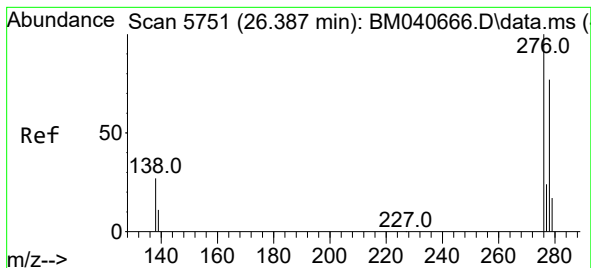
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#26
Benzo(a)pyrene
Concen: 0.722 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.010 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

Tgt Ion:252 Resp: 46485
Ion Ratio Lower Upper
252 100
253 27.4 22.9 34.3
125 20.2 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.496 ng/ul

RT: 26.377 min Scan# 5748

Delta R.T. -0.012 min

Lab File: BM040672.D

Acq: 06 Jul 2023 11:57

Instrument :

BNA_M

ClientSampleId :

DCGN5

Tgt Ion:276 Resp: 44418

Ion Ratio Lower Upper

276 100

138 23.3 24.5 36.7

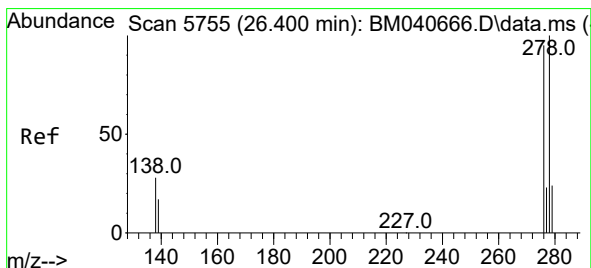
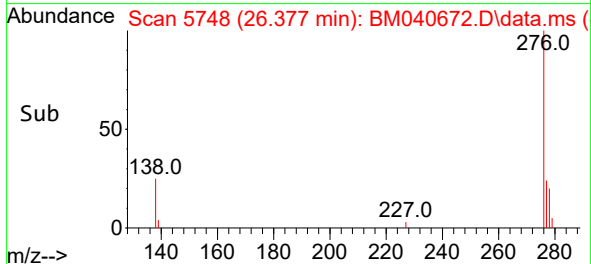
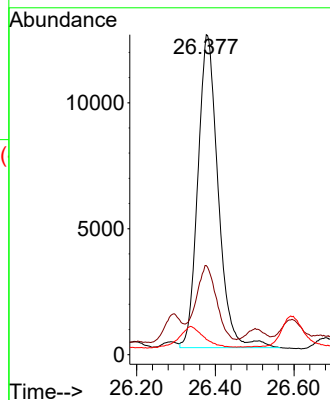
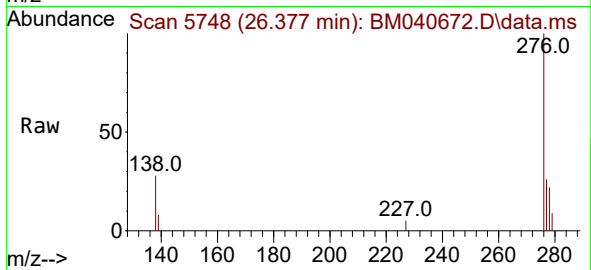
227 0.0 0.1 0.1

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.149 ng/ul

RT: 26.387 min Scan# 5751

Delta R.T. -0.022 min

Lab File: BM040672.D

Acq: 06 Jul 2023 11:57

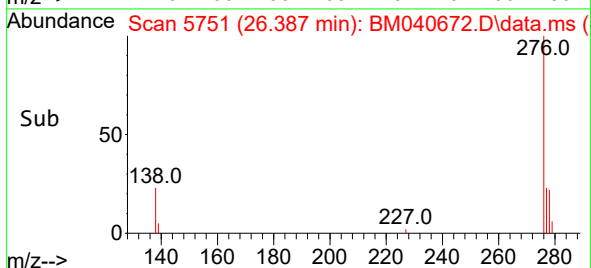
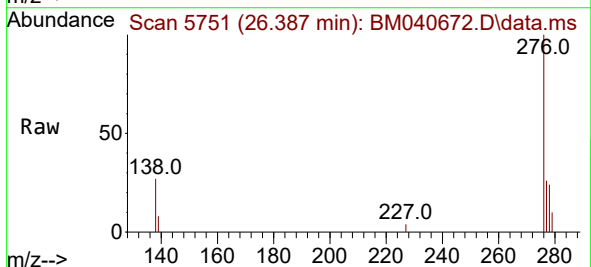
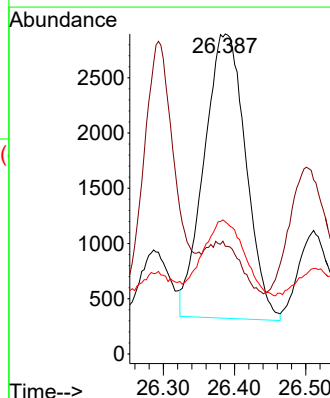
Tgt Ion:278 Resp: 10466

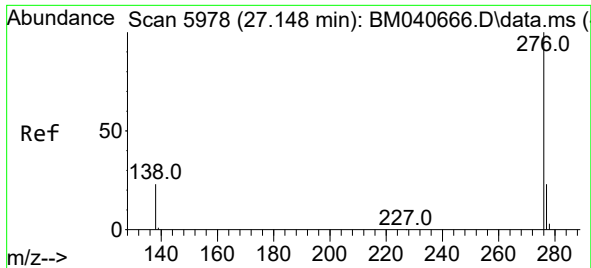
Ion Ratio Lower Upper

278 100

139 33.7 17.9 26.9#

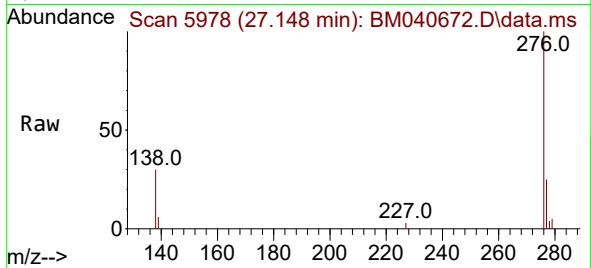
279 41.3 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.015 min
Lab File: BM040672.D
Acq: 06 Jul 2023 11:57

Instrument :
BNA_M
ClientSampleId :
DCGN5



Tgt Ion:276 Resp: 38210
Ion Ratio Lower Upper
276 100
138 29.9 23.0 34.6
277 25.5 20.3 30.5

Manual Integrations
APPROVED

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Supervised By :Sohil Jodhani 07/06/2023

