

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040670.D
 Acq On : 06 Jul 2023 10:42
 Operator : MA/JU
 Sample : 03248-06
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN4

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 11:27:40 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	6450	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	23966	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.549	164	12078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.298	188	22330	0.400	ng/ul	-0.01
17) Chrysene-d12	21.488	240	14522	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	15849	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	23791	2.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	6094	0.181	ng/ul	0.00
18) Fluoranthene-d10	19.328	212	9662	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.761	128	3190	0.048	ng/ul#	83
7) 2-Methylnaphthalene	12.378	142	2129	0.055	ng/ul	97
8) 1-Methylnaphthalene	12.598	142	1558	0.040	ng/ul	97
10) Acenaphthylene	14.272	152	2528	0.047	ng/ul#	76
11) Acenaphthene	14.614	153	1106	0.024	ng/ul	93
15) Phenanthrene	17.341	178	21183	0.305	ng/ul	97
16) Anthracene	17.429	178	2570	0.044	ng/ul#	77
19) Fluoranthene	19.356	202	57669	0.935	ng/ul	100
20) Pyrene	19.719	202	53978	0.816	ng/ul#	95
21) Benzo(a)anthracene	21.471	228	29434	0.599	ng/ul	95
22) Chrysene	21.523	228	31055	0.554	ng/ul#	96
24) Benzo(b)fluoranthene	23.157	252	58594	0.955	ng/ul	98
25) Benzo(k)fluoranthene	23.198	252	19920m	0.330	ng/ul	
26) Benzo(a)pyrene	23.783	252	34293	0.621	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.383	276	35232	0.458	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.390	278	8153	0.135	ng/ul#	66
29) Benzo(g,h,i)perylene	27.155	276	27922	0.414	ng/ul	97

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

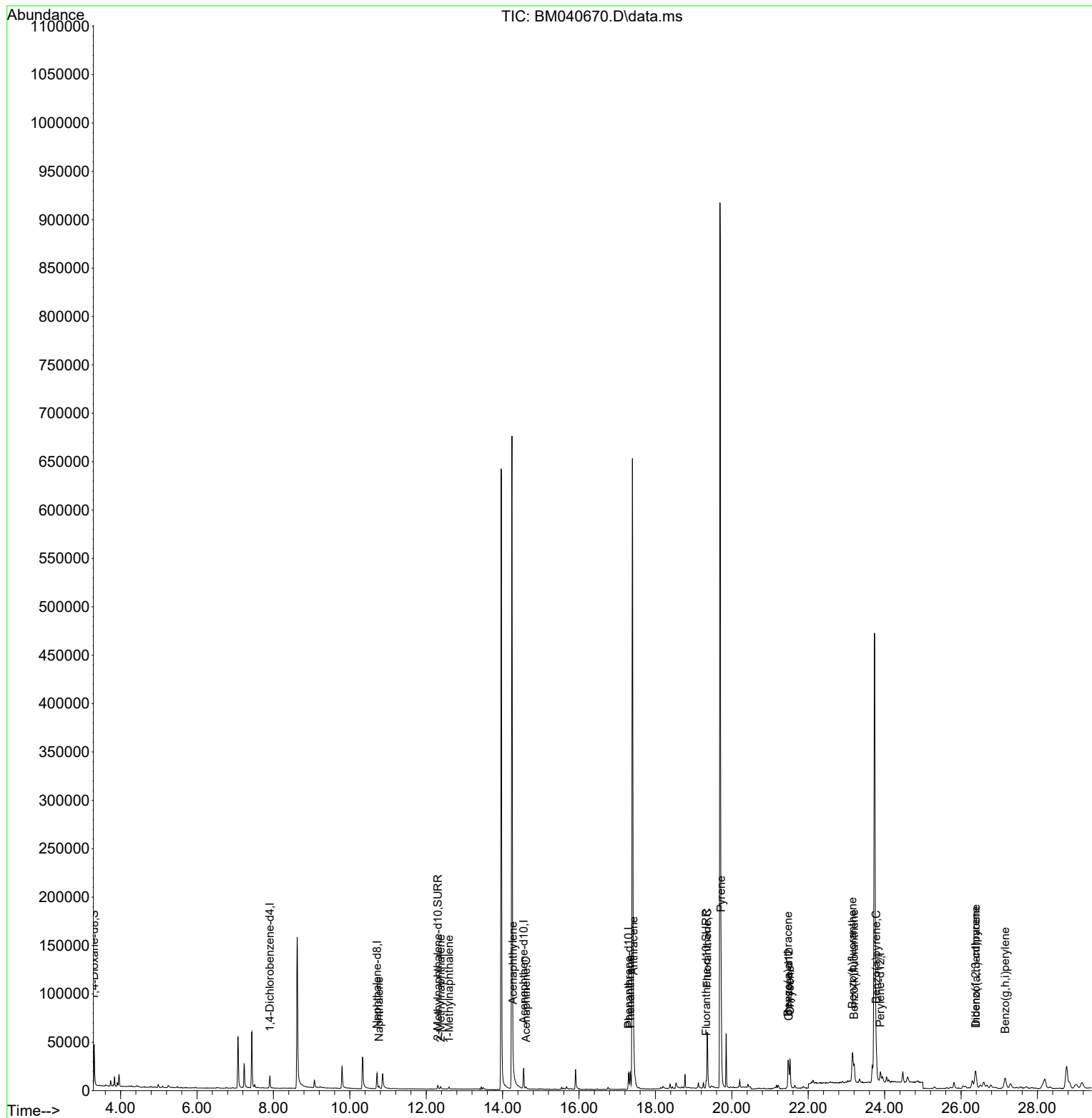
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040670.D
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ALS Vial : 40 Sample Multiplier: 1

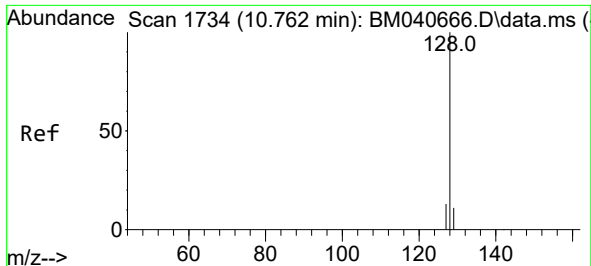
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
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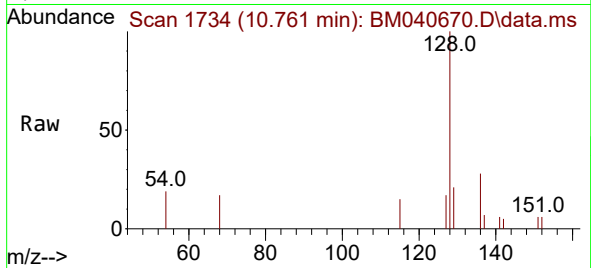
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#5
Naphthalene
Concen: 0.048 ng/ul
RT: 10.761 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

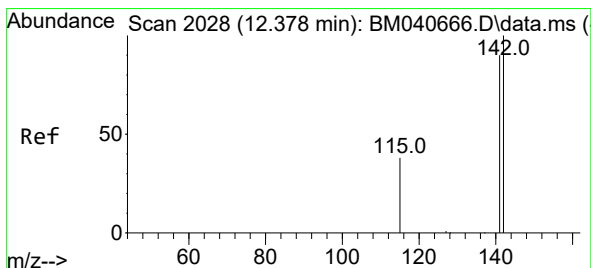
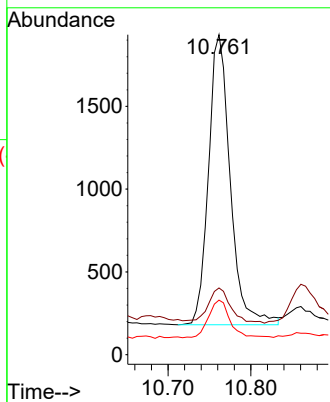
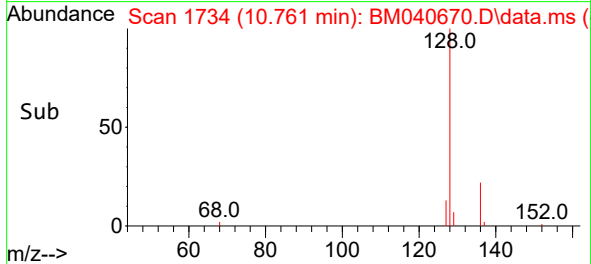
Instrument :
BNA_M
ClientSampleId :
DCGN4



Tgt Ion:128 Resp: 3190
Ion Ratio Lower Upper
128 100
129 20.8 9.2 13.8
127 17.1 10.6 15.8

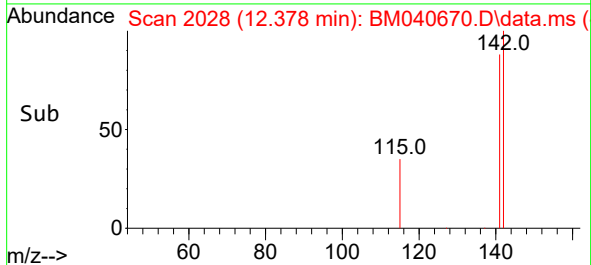
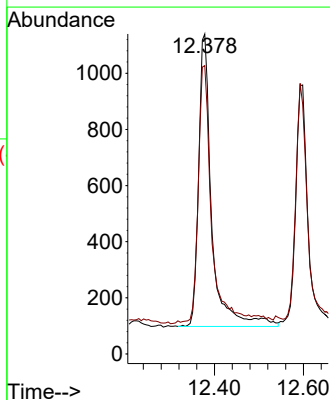
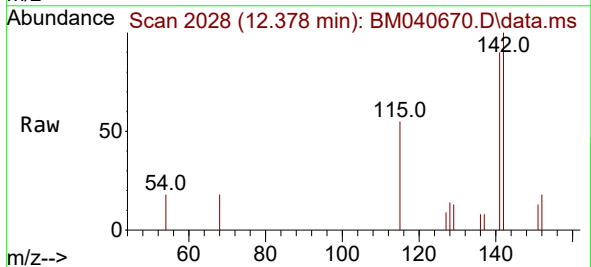
Manual Integrations
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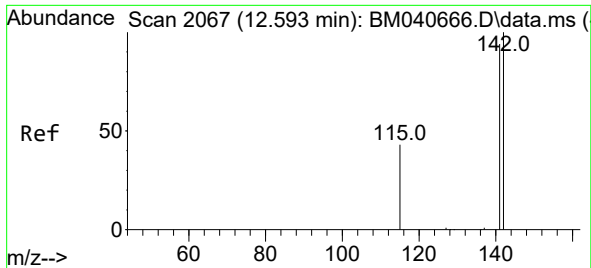
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

Tgt Ion:142 Resp: 2129
Ion Ratio Lower Upper
142 100
141 92.6 71.9 107.9





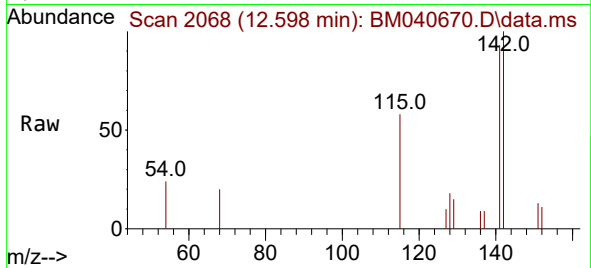
#8
1-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.598 min Scan# 2068
Delta R.T. -0.004 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCGN4

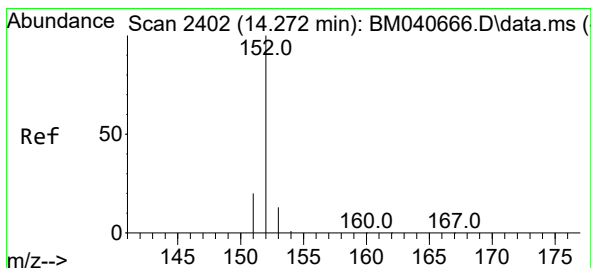
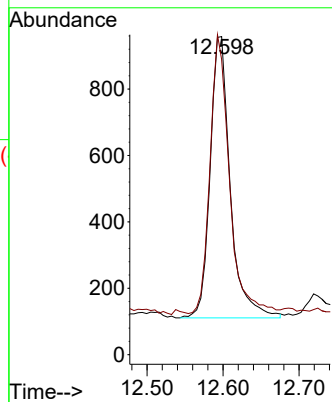
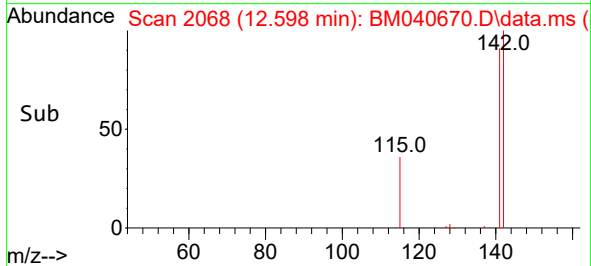


Tgt Ion:142 Resp: 1558
Ion Ratio Lower Upper
142 100
141 95.1 73.7 110.5

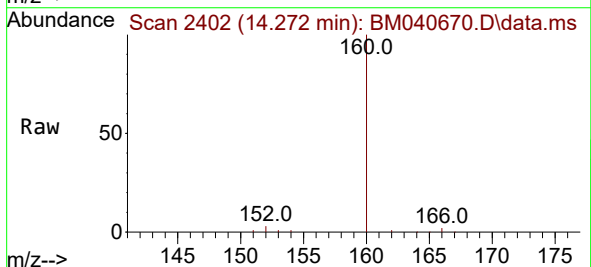
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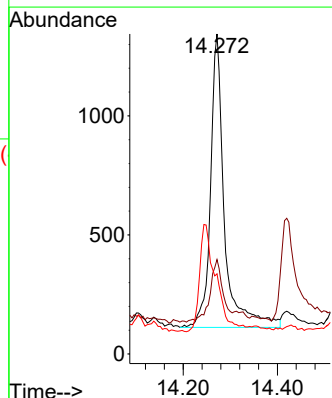
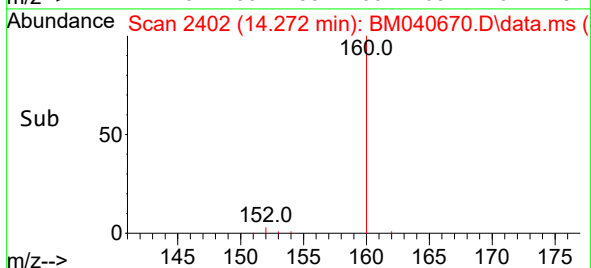
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

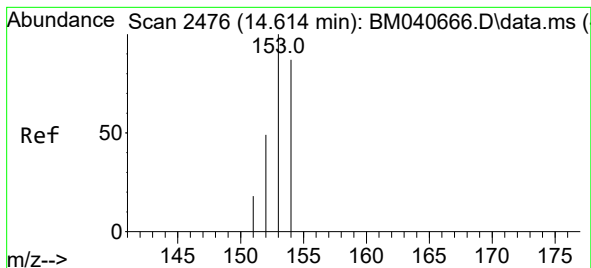


#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42



Tgt Ion:152 Resp: 2528
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 25.1 10.9 16.3#





#11

Acenaphthene

Concen: 0.024 ng/ul

RT: 14.614 min Scan# 2476

Delta R.T. -0.003 min

Lab File: BM040670.D

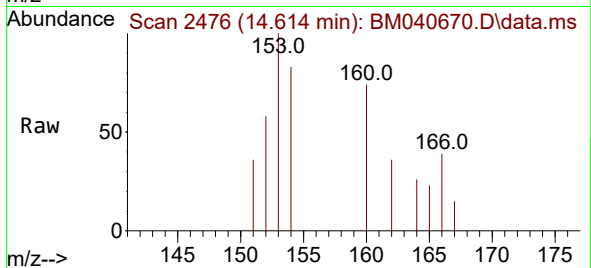
Acq: 06 Jul 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCGN4



Tgt Ion:153 Resp: 1100

Ion Ratio Lower Upper

153 100

152 57.7 41.0 61.4

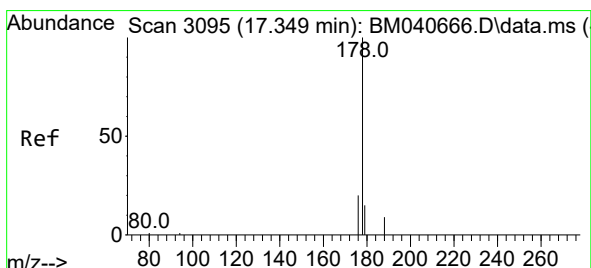
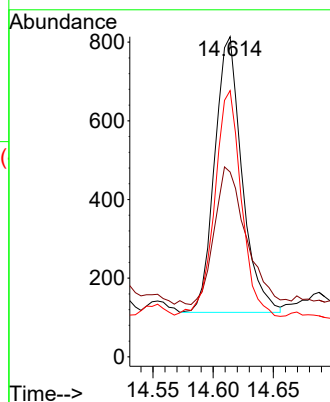
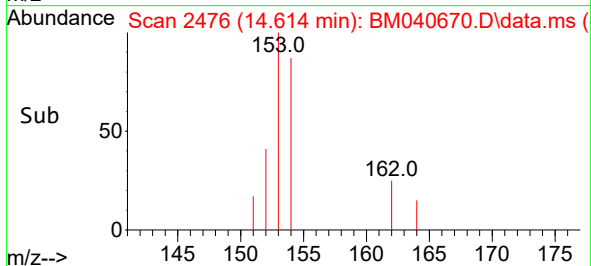
154 83.2 70.8 106.2

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#15

Phenanthrene

Concen: 0.305 ng/ul

RT: 17.341 min Scan# 3093

Delta R.T. -0.011 min

Lab File: BM040670.D

Acq: 06 Jul 2023 10:42

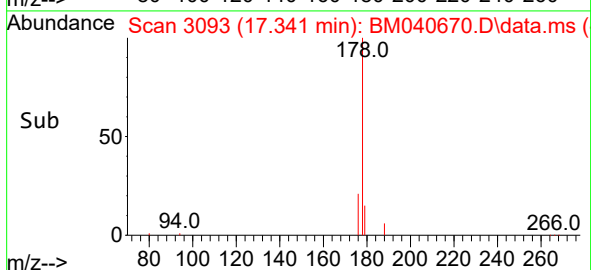
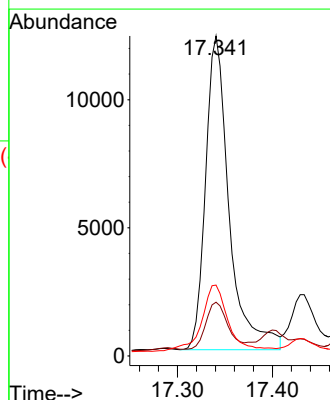
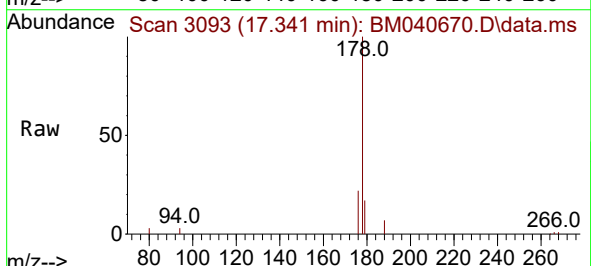
Tgt Ion:178 Resp: 21183

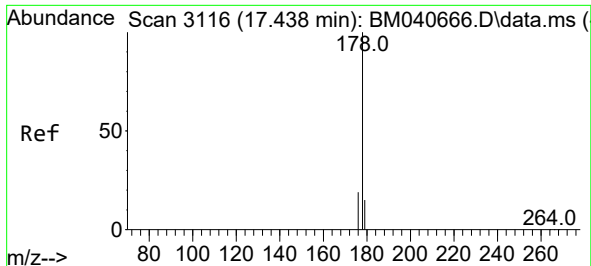
Ion Ratio Lower Upper

178 100

179 16.8 12.8 19.2

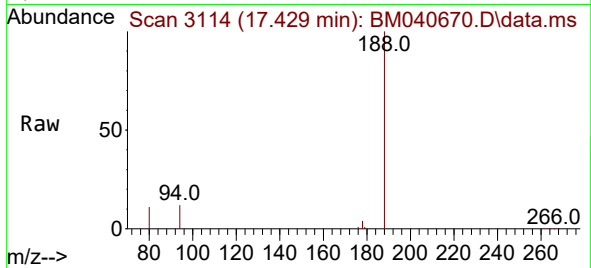
176 22.2 16.4 24.6





#16
 Anthracene
 Concen: 0.044 ng/ul
 RT: 17.429 min Scan# 3114
 Delta R.T. -0.016 min
 Lab File: BM040670.D
 Acq: 06 Jul 2023 10:42

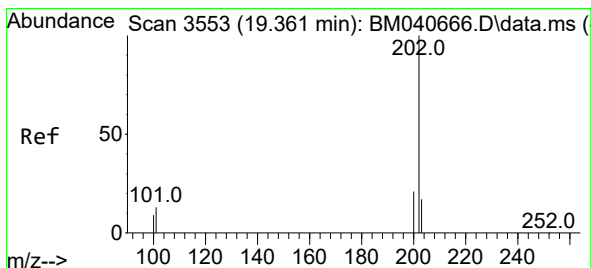
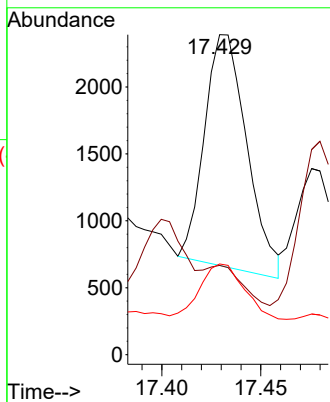
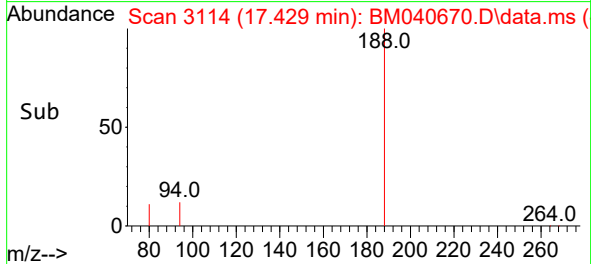
Instrument :
 BNA_M
 ClientSampleId :
 DCGN4



Tgt Ion:178 Resp: 2570
 Ion Ratio Lower Upper
 178 100
 179 27.9 12.9 19.3
 176 28.4 15.8 23.6

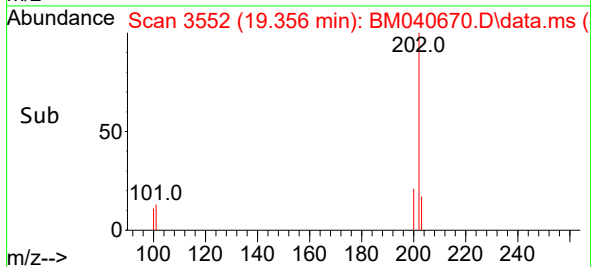
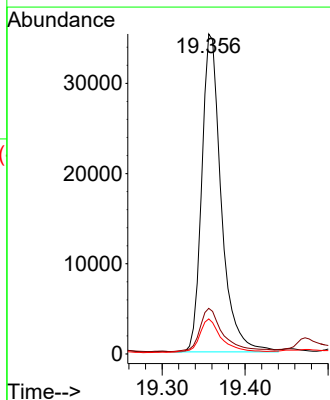
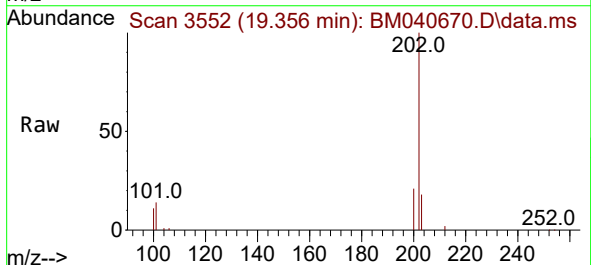
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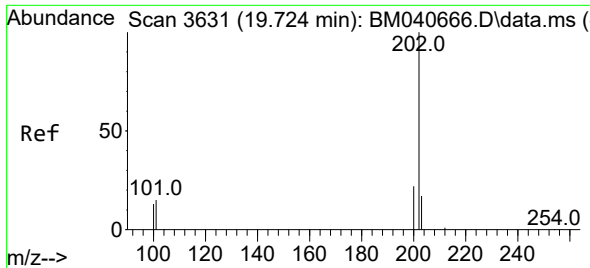
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 0.935 ng/ul
 RT: 19.356 min Scan# 3552
 Delta R.T. -0.013 min
 Lab File: BM040670.D
 Acq: 06 Jul 2023 10:42

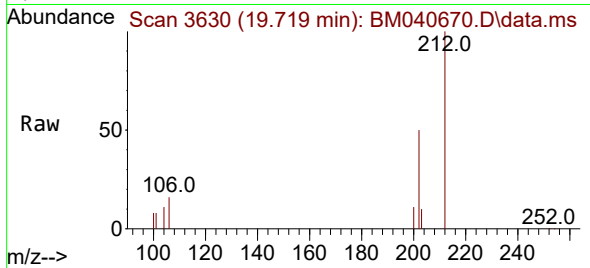
Tgt Ion:202 Resp: 57669
 Ion Ratio Lower Upper
 202 100
 101 14.3 11.4 17.0
 100 10.9 8.7 13.1





#20
Pyrene
Concen: 0.816 ng/ul
RT: 19.719 min Scan# 30
Delta R.T. -0.013 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

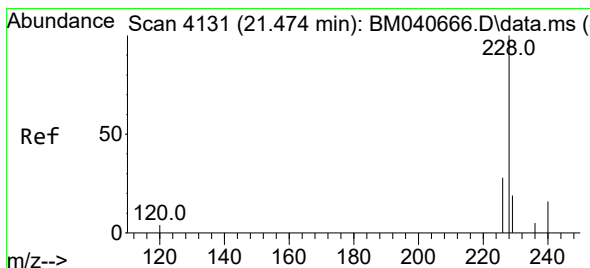
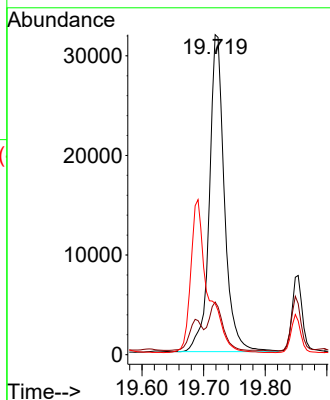
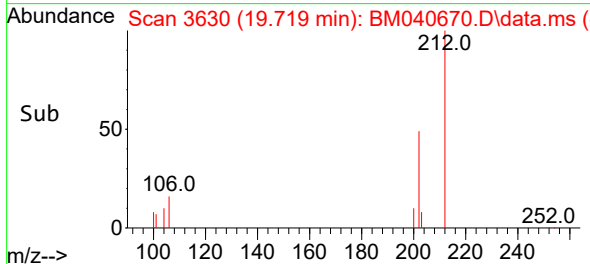
Instrument :
BNA_M
ClientSampleId :
DCGN4



Tgt Ion:202 Resp: 53978
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 16.0 9.8 14.6

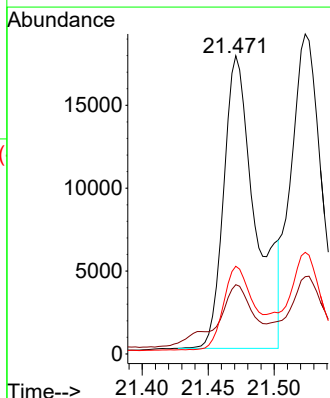
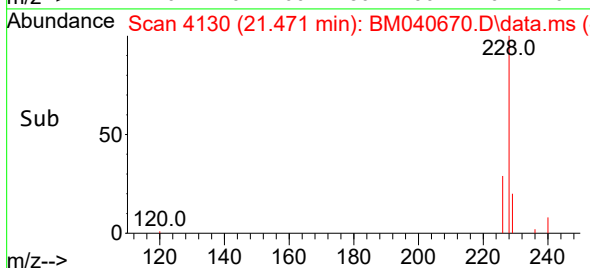
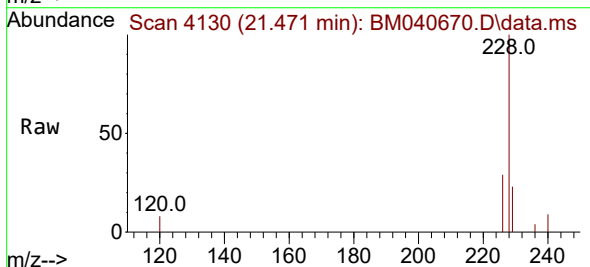
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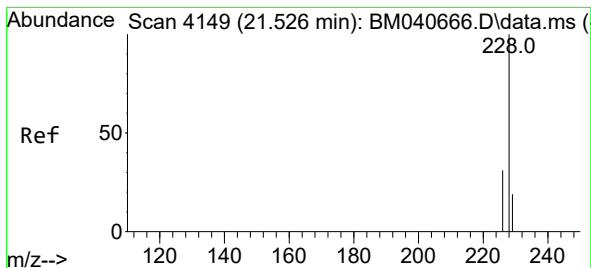
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.599 ng/ul
RT: 21.471 min Scan# 4130
Delta R.T. -0.007 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

Tgt Ion:228 Resp: 29434
Ion Ratio Lower Upper
228 100
229 23.2 16.0 24.0
226 29.4 22.3 33.5





#22

Chrysene

Concen: 0.554 ng/ul

RT: 21.523 min Scan# 4149

Delta R.T. -0.008 min

Lab File: BM040670.D

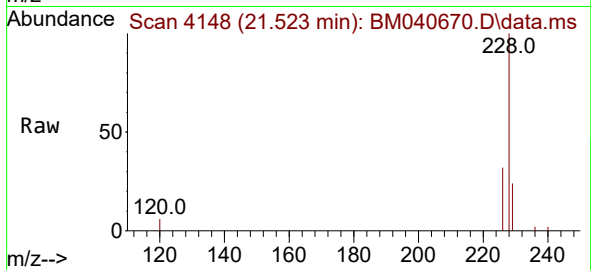
Acq: 06 Jul 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCGN4



Tgt Ion:228 Resp: 3105

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

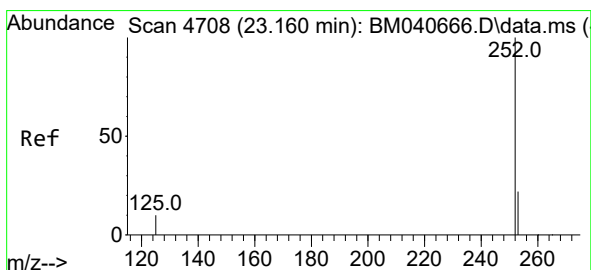
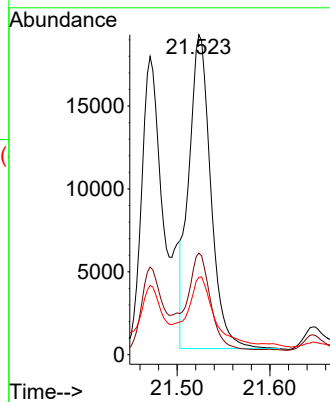
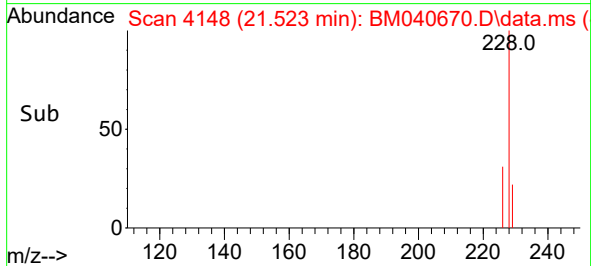
229 24.1 15.8 23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#24

Benzo(b)fluoranthene

Concen: 0.955 ng/ul

RT: 23.157 min Scan# 4707

Delta R.T. -0.010 min

Lab File: BM040670.D

Acq: 06 Jul 2023 10:42

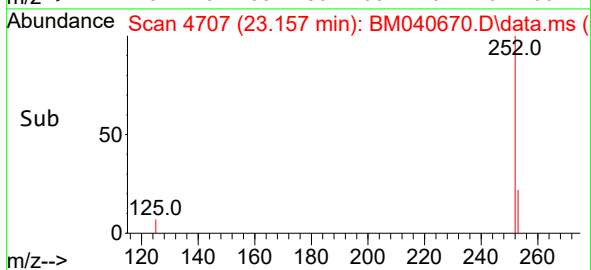
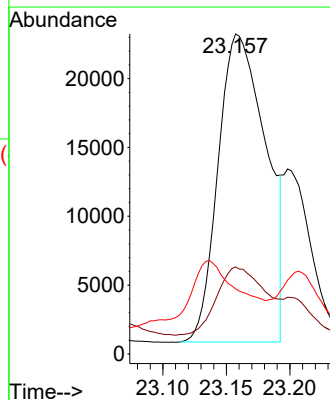
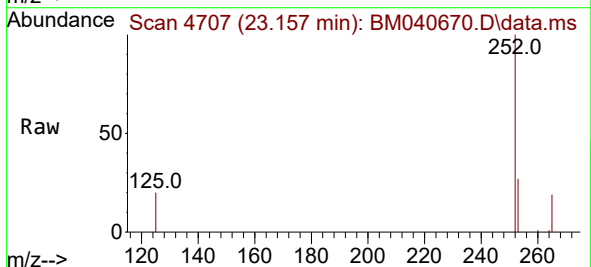
Tgt Ion:252 Resp: 58594

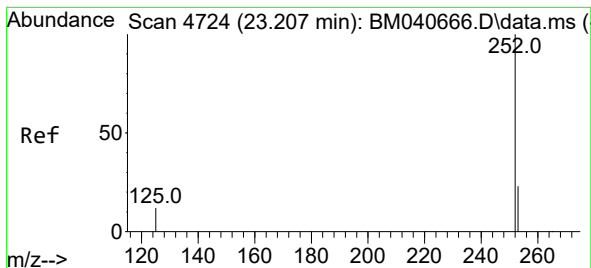
Ion Ratio Lower Upper

252 100

253 27.2 0.0 52.8

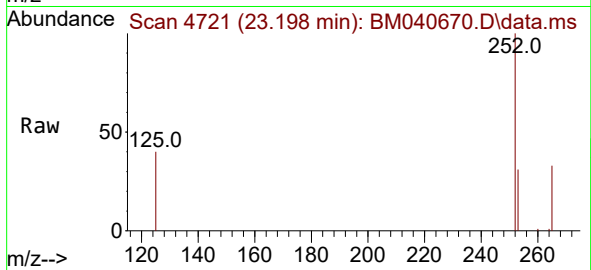
125 20.4 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

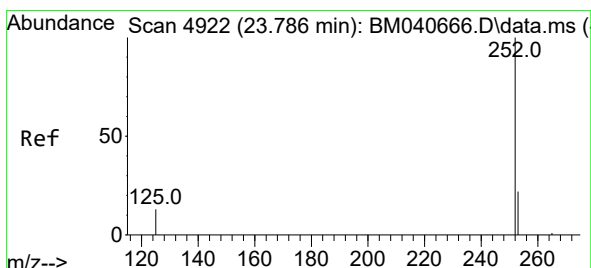
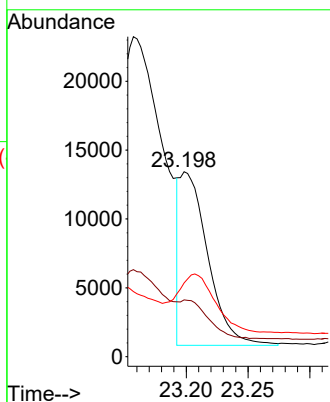
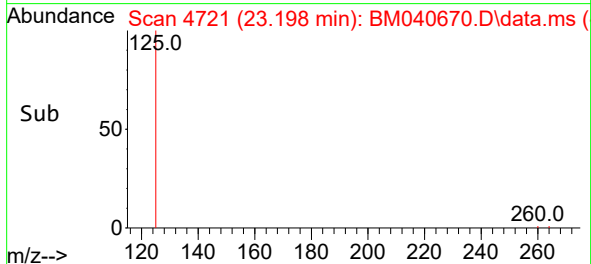
Instrument :
BNA_M
ClientSampleId :
DCGN4



Tgt Ion:252 Resp: 19920
Ion Ratio Lower Upper
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253 30.7 21.2 31.8
125 39.9 16.4 24.6

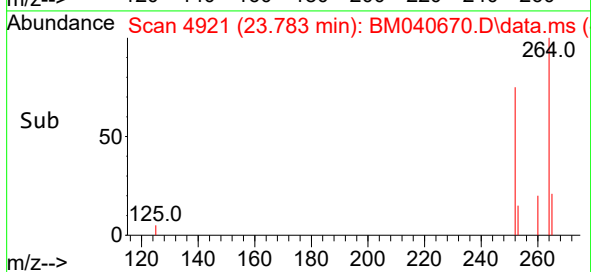
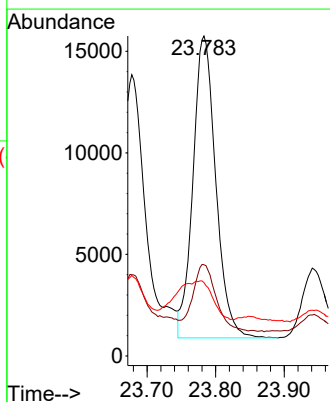
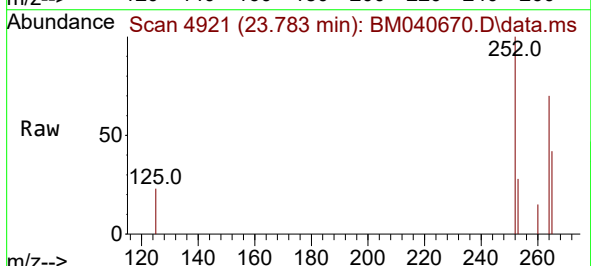
Manual Integrations
APPROVED

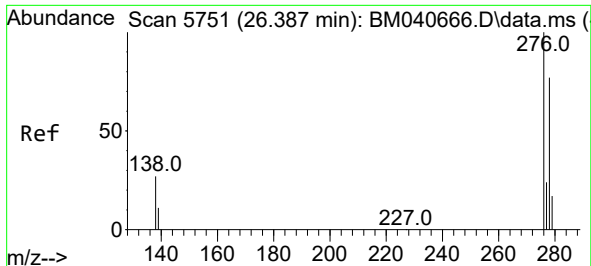
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#26
Benzo(a)pyrene
Concen: 0.621 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.010 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

Tgt Ion:252 Resp: 34293
Ion Ratio Lower Upper
252 100
253 28.5 22.9 34.3
125 22.9 21.0 31.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.458 ng/ul

RT: 26.383 min Scan# 5751

Delta R.T. -0.005 min

Lab File: BM040670.D

Acq: 06 Jul 2023 10:42

Instrument :

BNA_M

ClientSampleId :

DCGN4

Tgt Ion:276 Resp: 3523

Ion Ratio Lower Upper

276 100

138 21.6 24.5 36.7

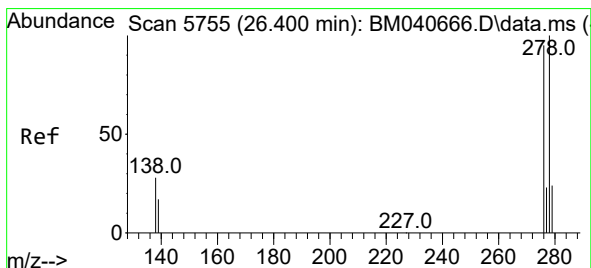
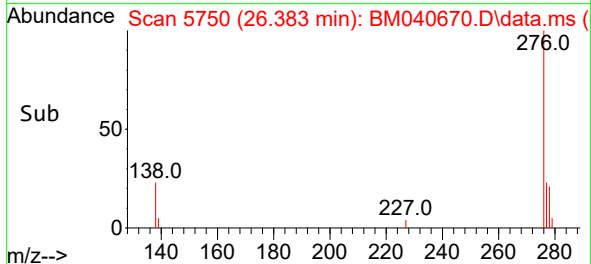
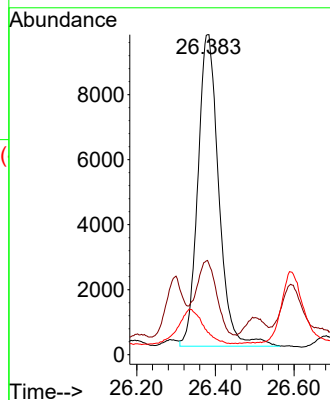
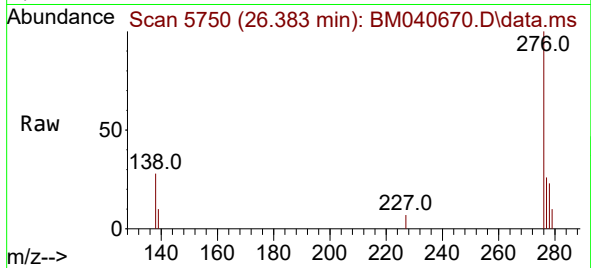
227 0.0 0.1 0.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#28

Dibenzo(a,h)anthracene

Concen: 0.135 ng/ul

RT: 26.390 min Scan# 5752

Delta R.T. -0.019 min

Lab File: BM040670.D

Acq: 06 Jul 2023 10:42

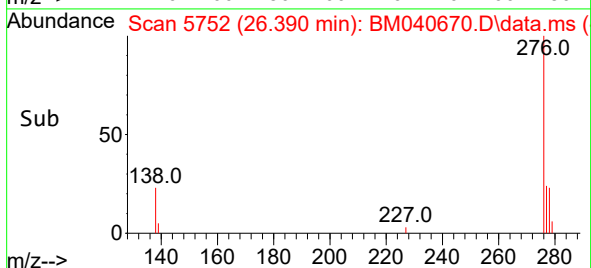
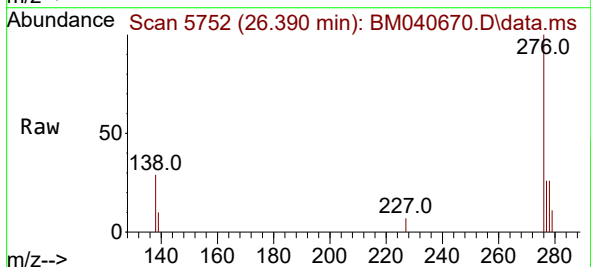
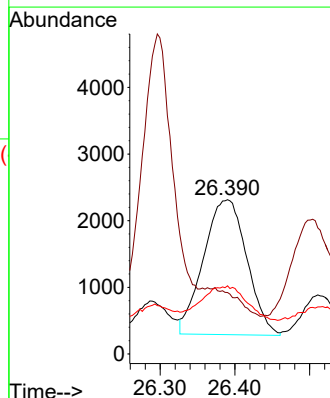
Tgt Ion:278 Resp: 8153

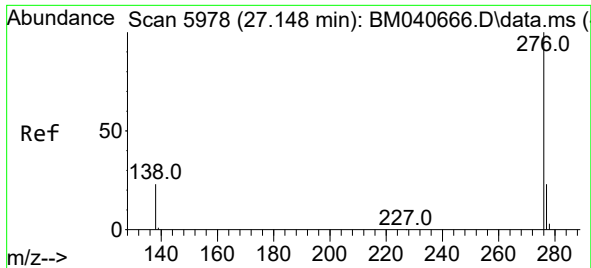
Ion Ratio Lower Upper

278 100

139 39.8 17.9 26.9#

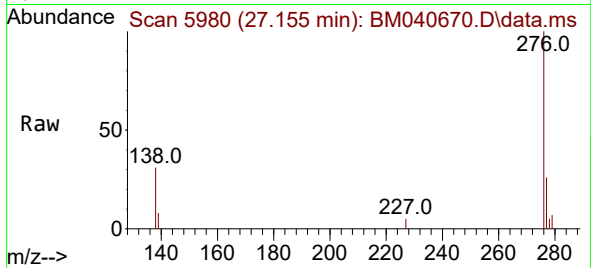
279 44.2 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.009 min
Lab File: BM040670.D
Acq: 06 Jul 2023 10:42

Instrument :
BNA_M
ClientSampleId :
DCGN4



Tgt Ion: 276 Resp: 2792
Ion Ratio Lower Upper
276 100
138 30.6 23.0 34.6
277 26.4 20.3 30.5

Manual Integrations
APPROVED

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

