

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040673.D
 Acq On : 06 Jul 2023 12:36
 Operator : MA/JU
 Sample : 03248-07DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN5DL

Quant Time: Jul 06 13:14:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	11156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	42364	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.549	164	21853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	41025	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	27106	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	28377	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	11410	0.651	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	3027	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	5022	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.341	178	8184	0.064	ng/ul	95
19) Fluoranthene	19.361	202	23494	0.204	ng/ul	99
20) Pyrene	19.724	202	22121	0.179	ng/ul#	94
21) Benzo(a)anthracene	21.474	228	12078	0.132	ng/ul#	91
22) Chrysene	21.524	228	13231	0.127	ng/ul#	91
24) Benzo(b)fluoranthene	23.160	252	25260	0.230	ng/ul	88
25) Benzo(k)fluoranthene	23.201	252	6654m	0.061	ng/ul	
26) Benzo(a)pyrene	23.783	252	15254	0.154	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.380	276	14210	0.103	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.387	278	3299	0.031	ng/ul#	36
29) Benzo(g,h,i)perylene	27.152	276	12571	0.104	ng/ul#	91

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

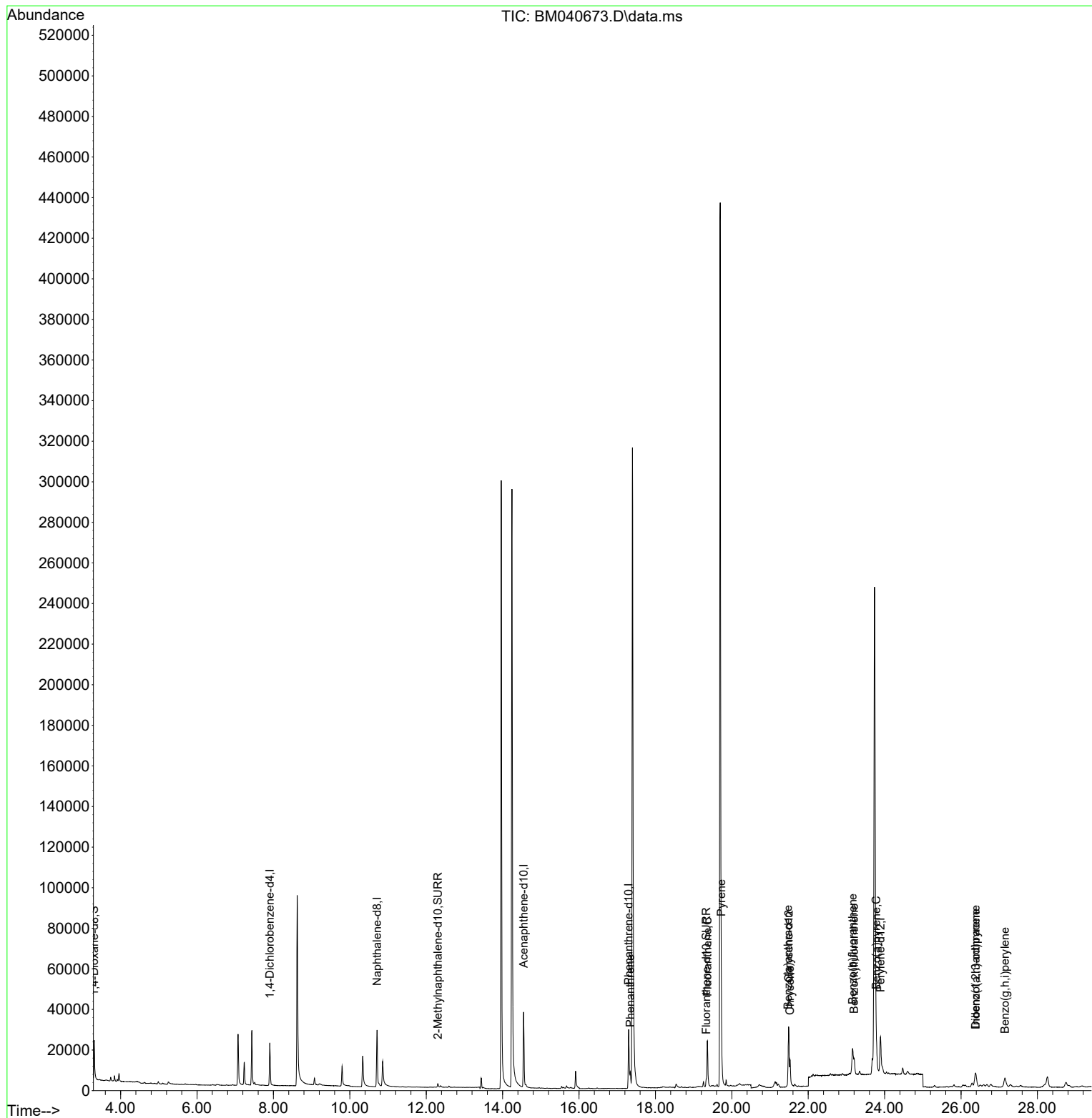
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040673.D
Acq On : 06 Jul 2023 12:36
Operator : MA/JU
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Misc :
ALS Vial : 43 Sample Multiplier: 1

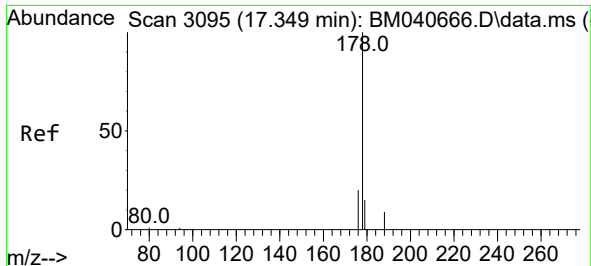
Instrument :
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ClientSampleId :
DCGN5DL

Quant Time: Jul 06 13:14:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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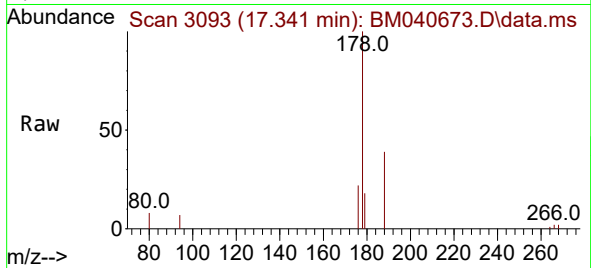
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023





#15
Phenanthrene
Concen: 0.064 ng/ul
RT: 17.341 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

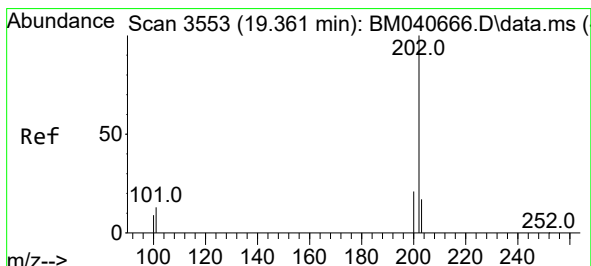
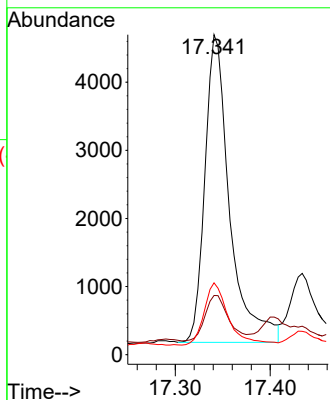
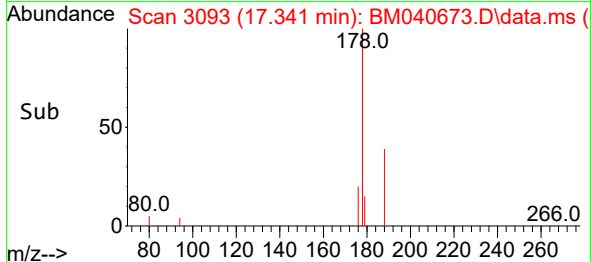
Instrument :
BNA_M
ClientSampleId :
DCGN5DL



Tgt Ion:178 Resp: 8184
Ion Ratio Lower Upper
178 100
179 18.5 12.8 19.2
176 22.4 16.4 24.6

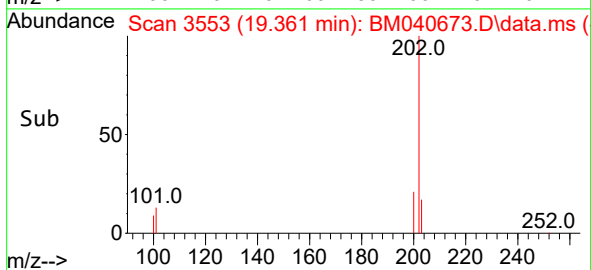
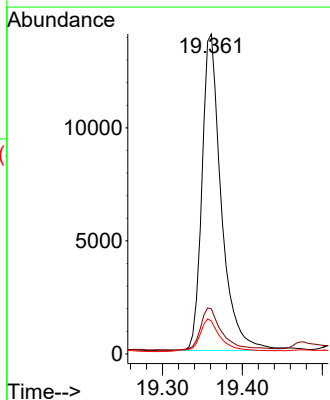
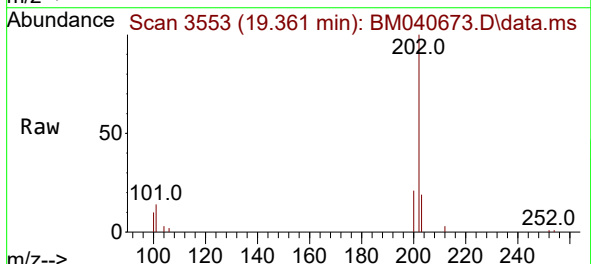
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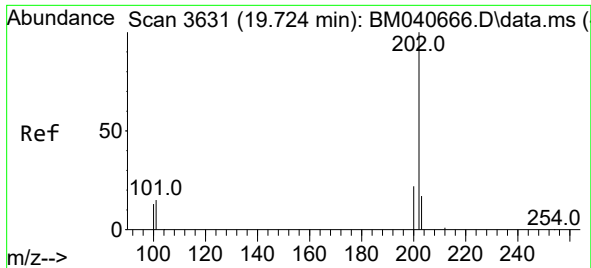
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#19
Fluoranthene
Concen: 0.204 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

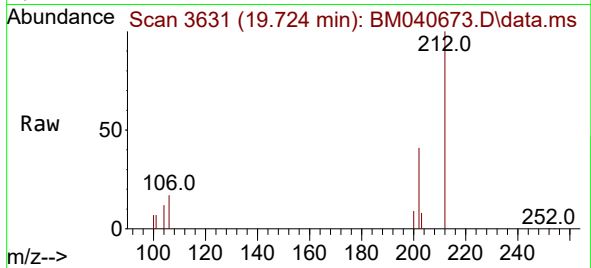
Tgt Ion:202 Resp: 23494
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.0
100 10.3 8.7 13.1





#20
Pyrene
Concen: 0.179 ng/ul
RT: 19.724 min Scan# 3063
Delta R.T. -0.008 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

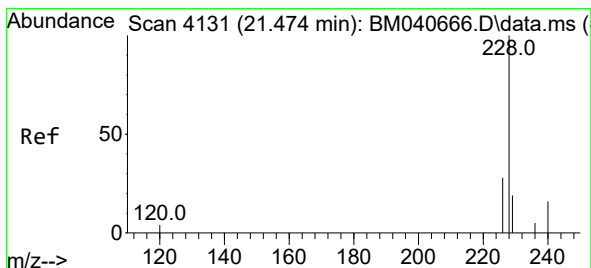
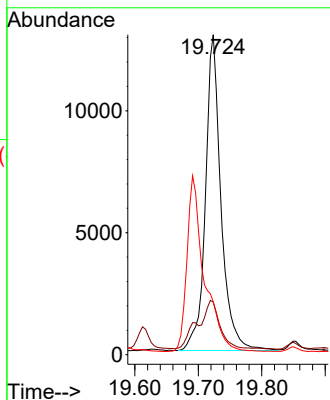
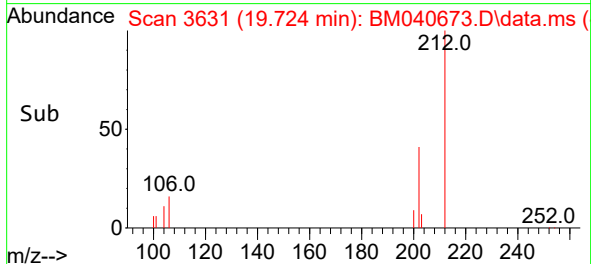
Instrument :
BNA_M
ClientSampleId :
DCGN5DL



Tgt Ion:202 Resp: 2212
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 16.5 9.8 14.6

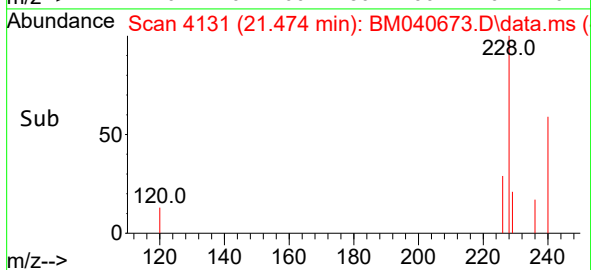
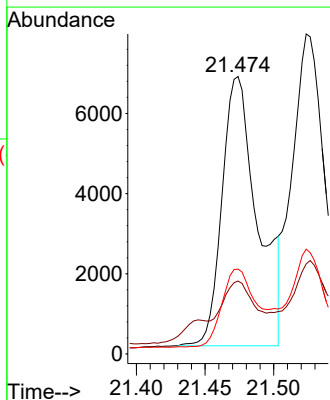
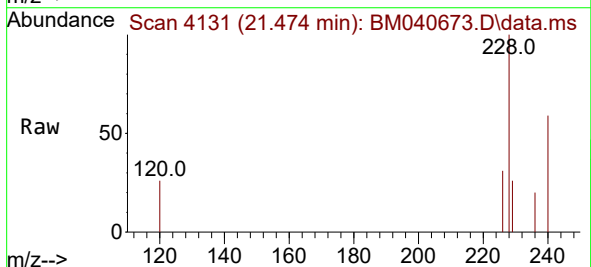
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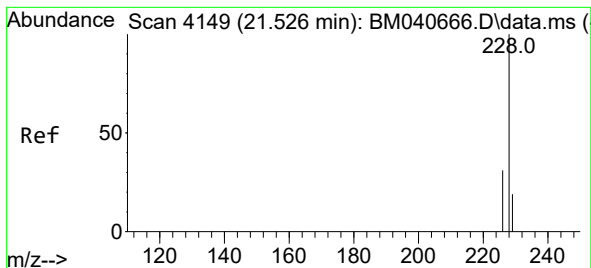
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#21
Benzo(a)anthracene
Concen: 0.132 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.004 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

Tgt Ion:228 Resp: 12078
Ion Ratio Lower Upper
228 100
229 26.3 16.0 24.0#
226 30.5 22.3 33.5





#22

Chrysene

Concen: 0.127 ng/ul

RT: 21.524 min Scan# 4149

Delta R.T. -0.007 min

Lab File: BM040673.D

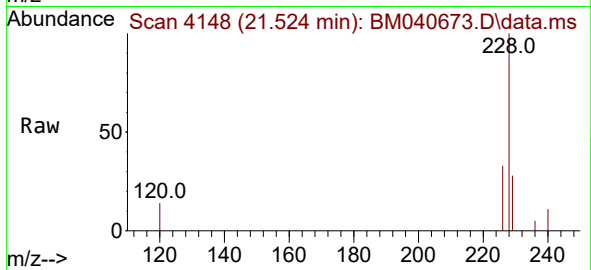
Acq: 06 Jul 2023 12:36

Instrument :

BNA_M

ClientSampleId :

DCGN5DL



Tgt Ion:228 Resp: 1323

Ion Ratio Lower Upper

228 100

226 32.8 24.9 37.3

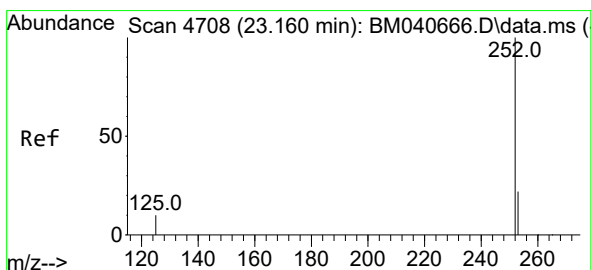
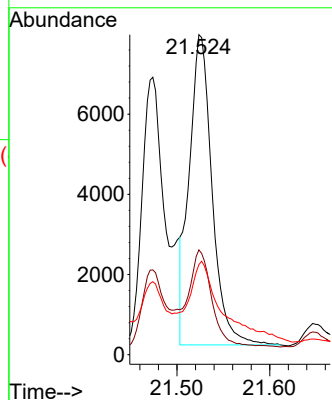
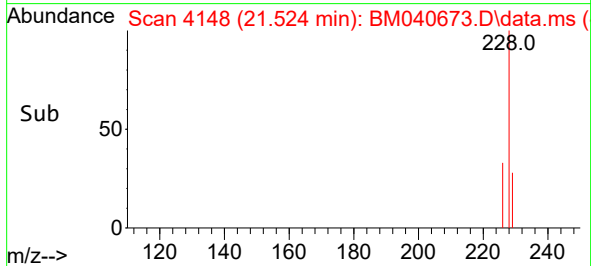
229 28.2 15.8 23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#24

Benzo(b)fluoranthene

Concen: 0.230 ng/ul

RT: 23.160 min Scan# 4708

Delta R.T. -0.007 min

Lab File: BM040673.D

Acq: 06 Jul 2023 12:36

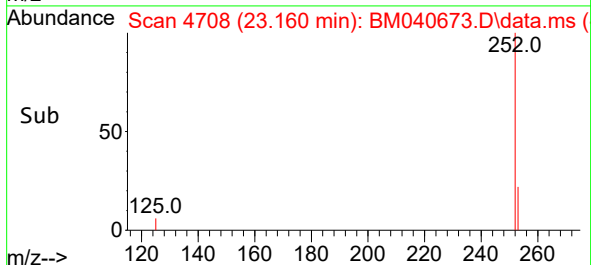
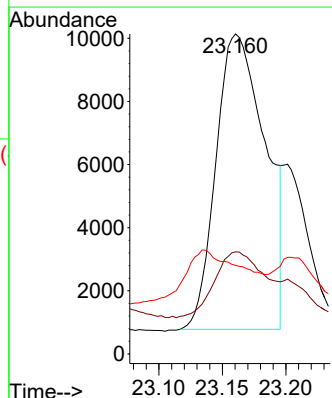
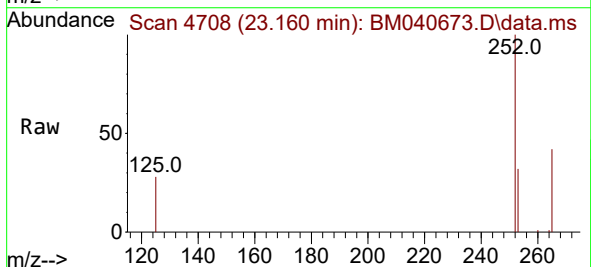
Tgt Ion:252 Resp: 25260

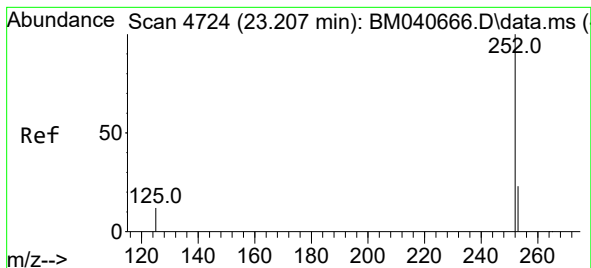
Ion Ratio Lower Upper

252 100

253 31.9 0.0 52.8

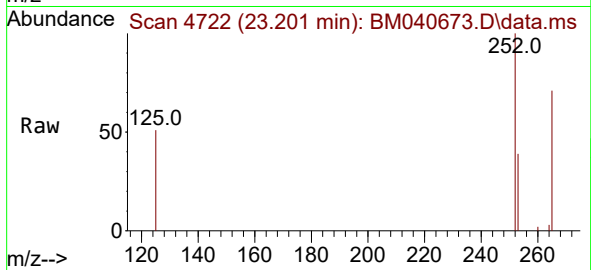
125 27.7 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.061 ng/ul m
RT: 23.201 min Scan# 4722
Delta R.T. -0.010 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

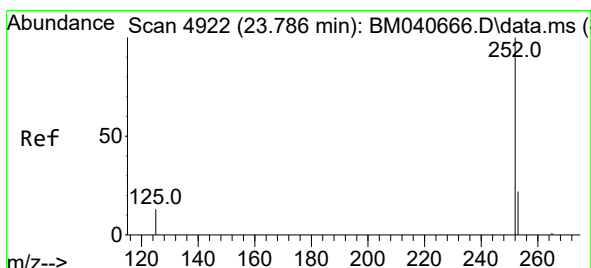
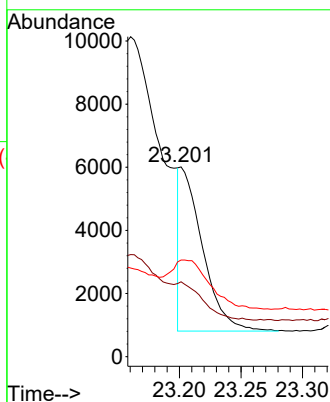
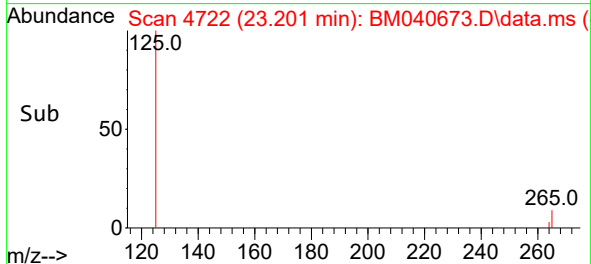
Instrument :
BNA_M
ClientSampleId :
DCGN5DL



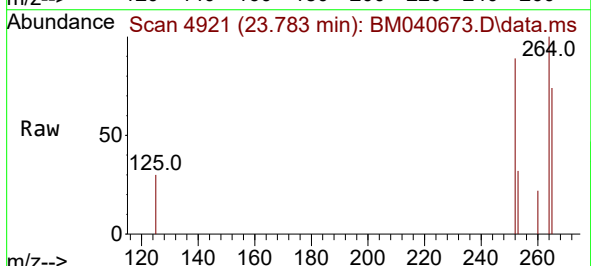
Tgt Ion:252 Resp: 6654
Ion Ratio Lower Upper
252 100
253 39.5 21.2 31.8#
125 50.9 16.4 24.6#

Manual Integrations
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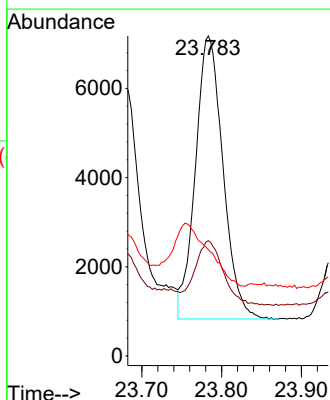
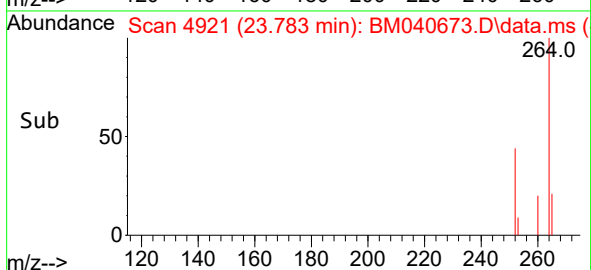
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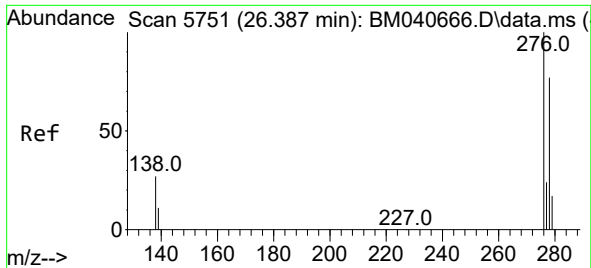


#26
Benzo(a)pyrene
Concen: 0.154 ng/ul
RT: 23.783 min Scan# 4921
Delta R.T. -0.010 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36



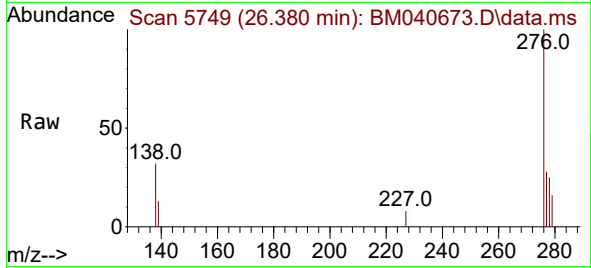
Tgt Ion:252 Resp: 15254
Ion Ratio Lower Upper
252 100
253 36.0 22.9 34.3#
125 33.3 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.103 ng/ul
RT: 26.380 min Scan# 5749
Delta R.T. -0.009 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

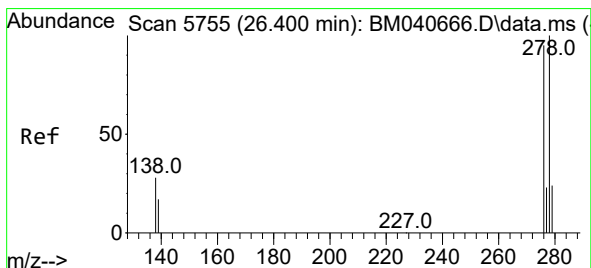
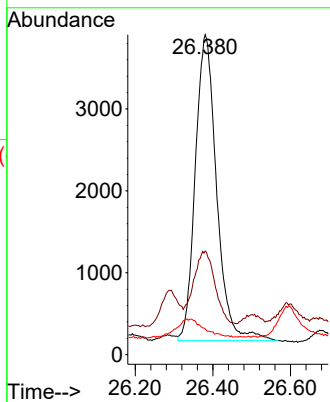
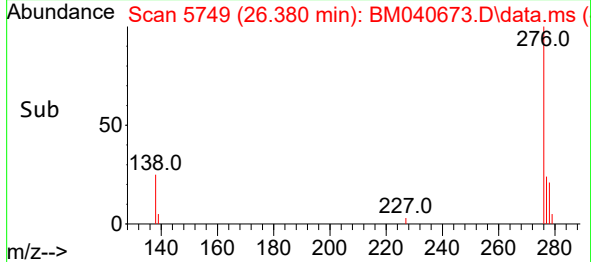
Instrument :
BNA_M
ClientSampleId :
DCGN5DL



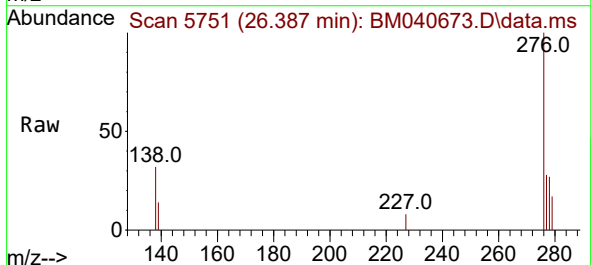
Tgt Ion:276 Resp: 14210
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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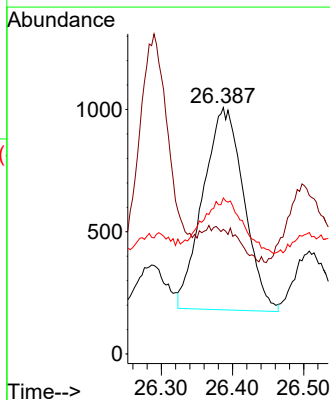
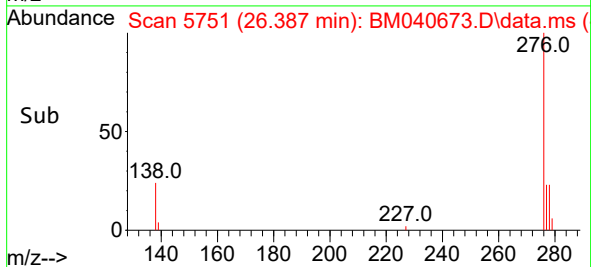
Reviewed By :Yogesh Patel 07/06/2023
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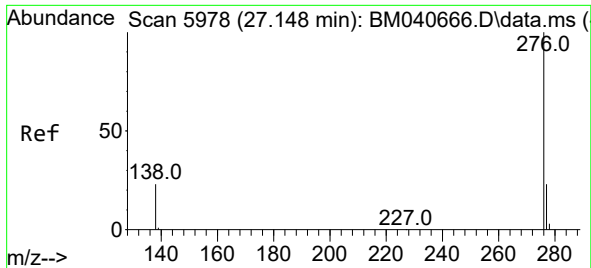


#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.387 min Scan# 5751
Delta R.T. -0.022 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36



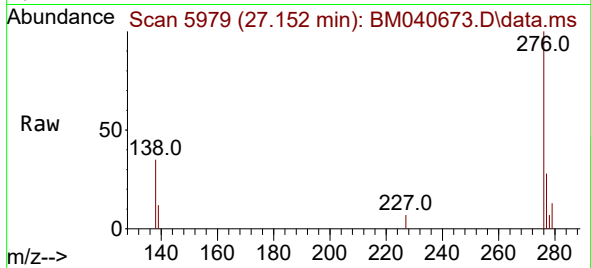
Tgt Ion:278 Resp: 3299
Ion Ratio Lower Upper
278 100
139 50.6 17.9 26.9#
279 63.3 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.104 ng/ul
RT: 27.152 min Scan# 5979
Delta R.T. -0.012 min
Lab File: BM040673.D
Acq: 06 Jul 2023 12:36

Instrument :
BNA_M
ClientSampleId :
DCGN5DL



Tgt Ion: 276 Resp: 1257
Ion Ratio Lower Upper
276 100
138 35.3 23.0 34.6
277 28.4 20.3 30.5

Manual Integrations
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Supervised By :Sohil Jodhani 07/06/2023

