

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040676.D
 Acq On : 06 Jul 2023 14:30
 Operator : MA/JU
 Sample : 03248-08DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 15:29:49 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	9942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	37163	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	18145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.303	188	33560	0.400	ng/ul	0.00
17) Chrysene-d12	21.489	240	21955	0.400	ng/ul	0.00
23) Perylene-d12	23.891	264	23655	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	10860	0.695	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.307	152	2640	0.051	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	4038	0.057	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	2607	0.025	ng/ul#	84
10) Acenaphthylene	14.272	152	2126	0.026	ng/ul#	80
15) Phenanthrene	17.341	178	11886	0.114	ng/ul	97
16) Anthracene	17.434	178	2208	0.025	ng/ul#	81
19) Fluoranthene	19.361	202	27976	0.300	ng/ul	97
20) Pyrene	19.724	202	25560	0.256	ng/ul#	96
21) Benzo(a)anthracene	21.474	228	13936	0.188	ng/ul#	93
22) Chrysene	21.527	228	12613	0.149	ng/ul#	93
24) Benzo(b)fluoranthene	23.161	252	23491	0.257	ng/ul	84
25) Benzo(k)fluoranthene	23.196	252	7966m	0.088	ng/ul	
26) Benzo(a)pyrene	23.783	252	13650	0.166	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.384	276	11364	0.099	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.394	278	2783	0.031	ng/ul#	22
29) Benzo(g,h,i)perylene	27.155	276	10037	0.100	ng/ul#	87

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

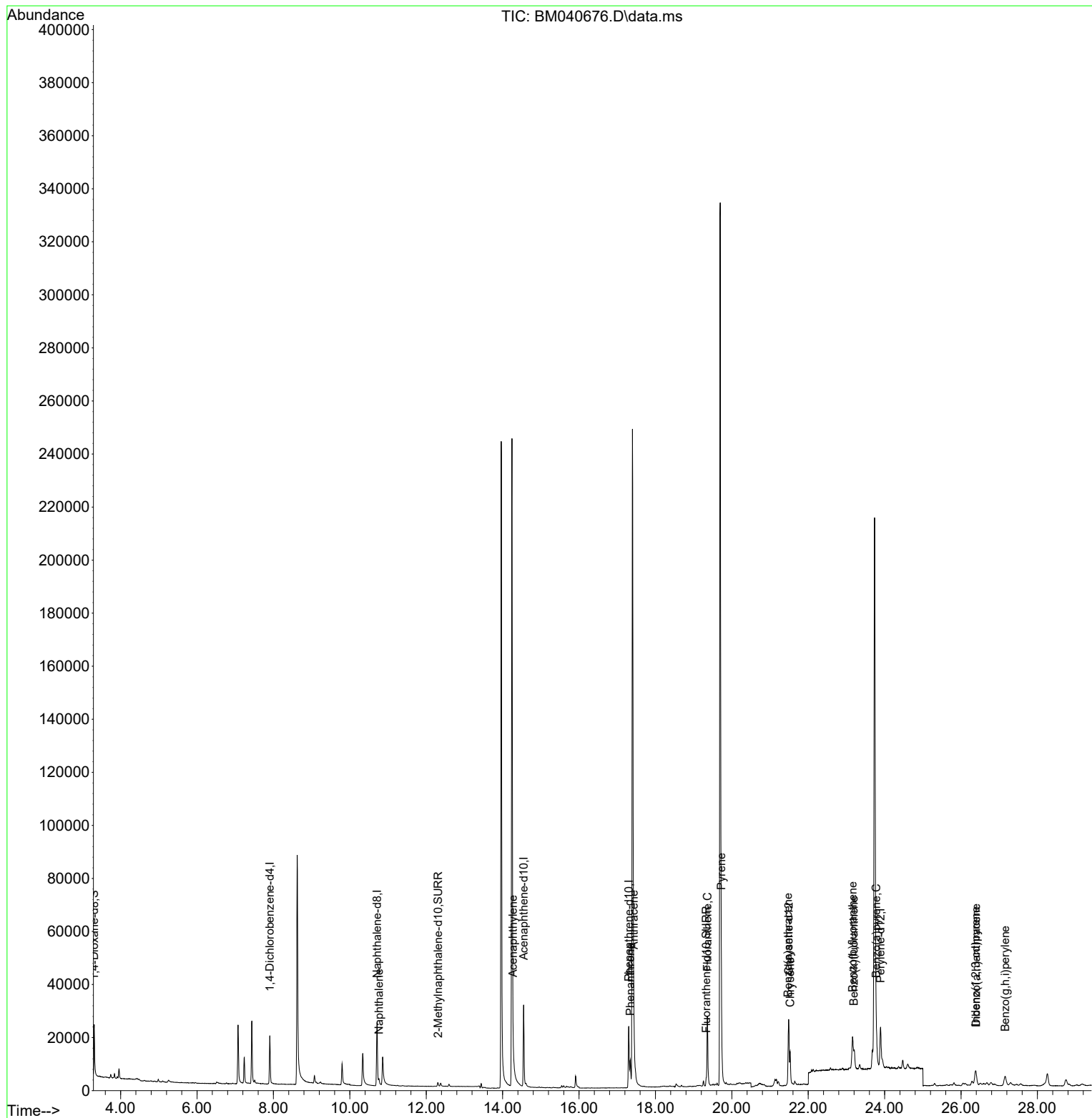
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040676.D
Acq On : 06 Jul 2023 14:30
Operator : MA/JU
Sample : 03248-08DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

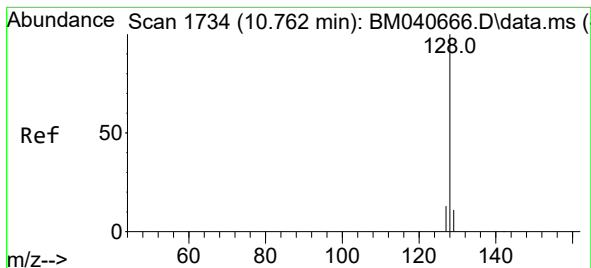
Instrument :
BNA_M
ClientSampleId :
DCGN6DL

Manual Integrations
APPROVED

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

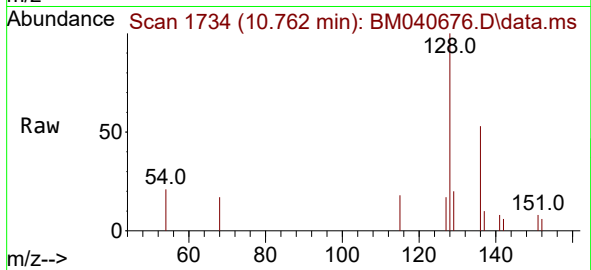
Quant Time: Jul 06 15:29:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.762 min Scan# 11
Delta R.T. -0.004 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

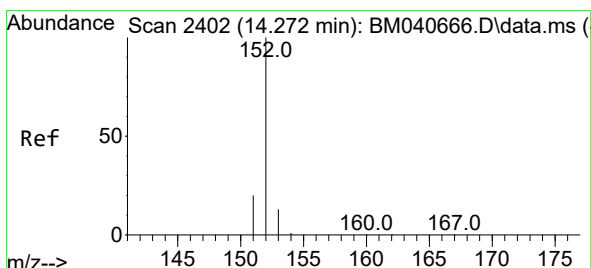
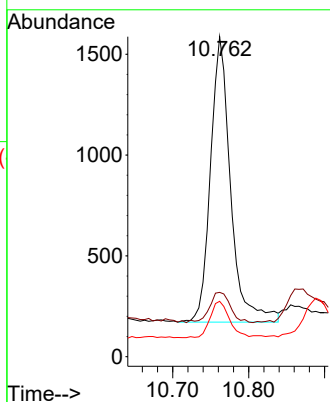
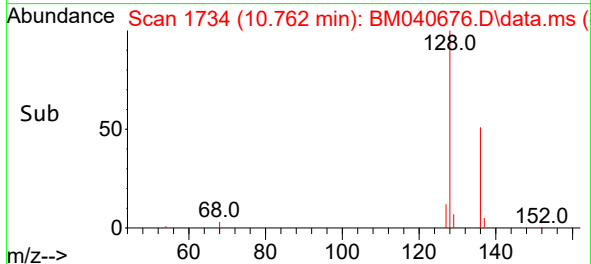
Instrument :
BNA_M
ClientSampleId :
DCGN6DL



Tgt Ion:128 Resp: 260
Ion Ratio Lower Upper
128 100
129 20.1 9.2 13.8
127 17.3 10.6 15.8

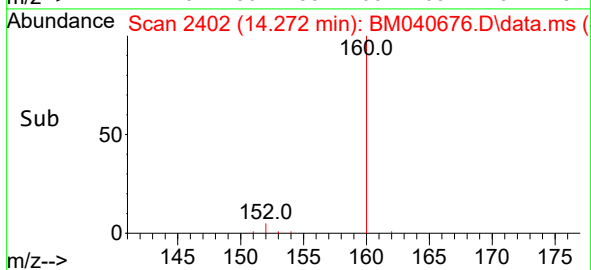
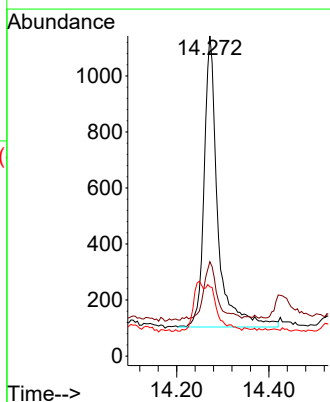
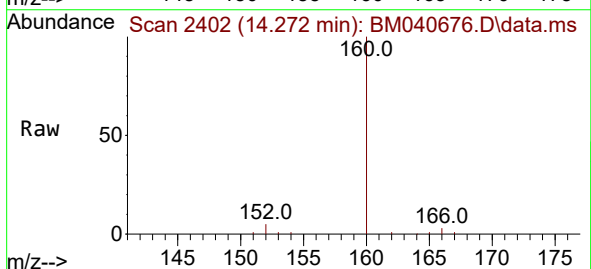
Manual Integrations
APPROVED

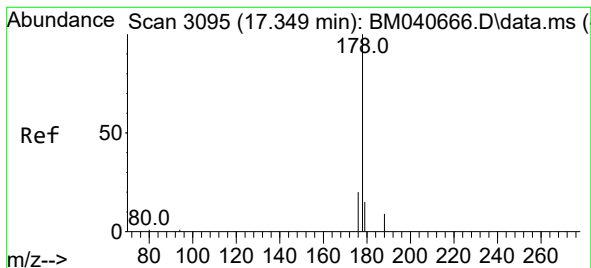
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

Tgt Ion:152 Resp: 2126
Ion Ratio Lower Upper
152 100
151 29.5 16.2 24.2#
153 21.6 10.9 16.3#





#15

Phenanthrene

Concen: 0.114 ng/ul

RT: 17.341 min Scan# 3095

Delta R.T. -0.011 min

Lab File: BM040676.D

Acq: 06 Jul 2023 14:30

Instrument :

BNA_M

ClientSampleId :

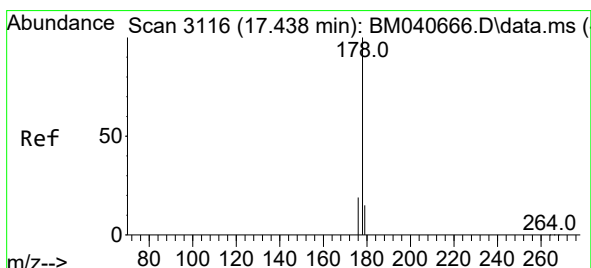
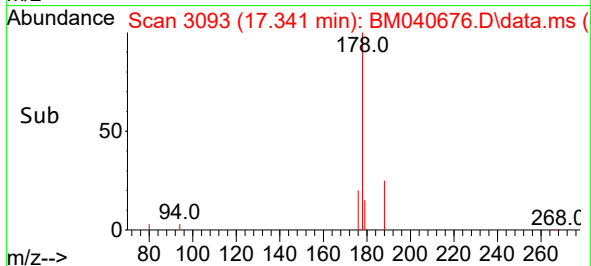
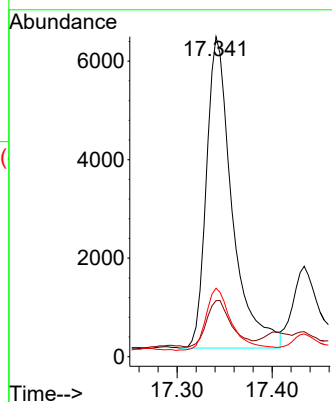
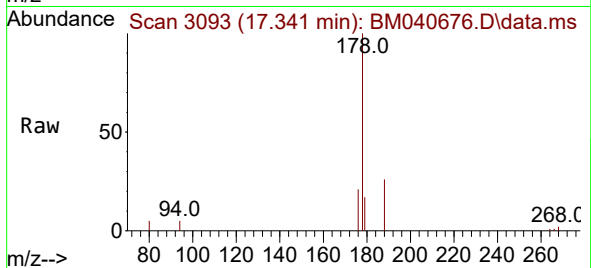
DCGN6DL

Tgt Ion:	178	Resp:	1188
Ion Ratio	Lower	Upper	
178	100		
179	17.5	12.8	19.2
176	21.4	16.4	24.6

Manual Integrations

APPROVED

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



#16

Anthracene

Concen: 0.025 ng/ul

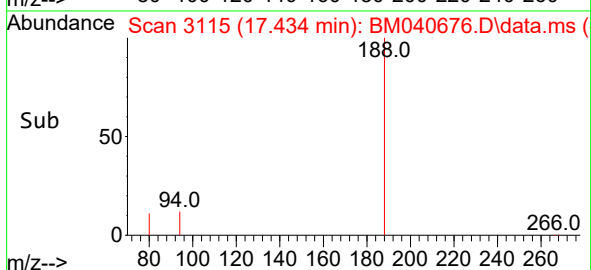
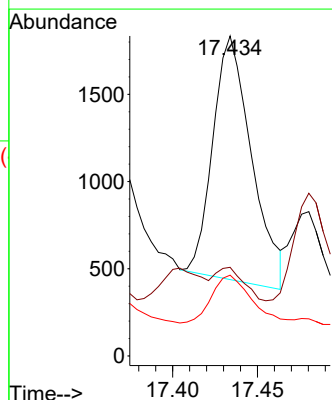
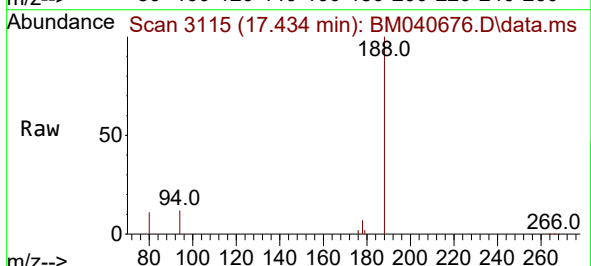
RT: 17.434 min Scan# 3115

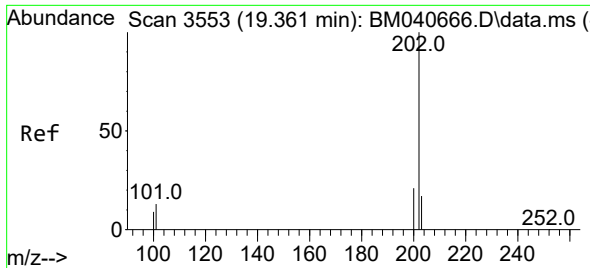
Delta R.T. -0.011 min

Lab File: BM040676.D

Acq: 06 Jul 2023 14:30

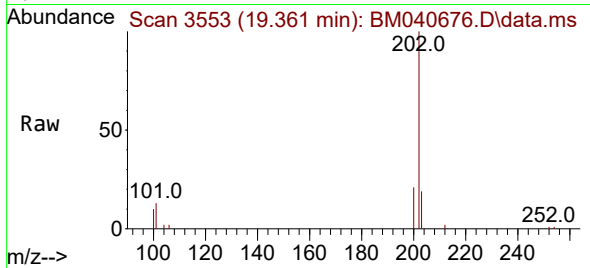
Tgt Ion:	178	Resp:	2208
Ion Ratio	Lower	Upper	
178	100		
179	27.7	12.9	19.3#
176	25.2	15.8	23.6#





#19
Fluoranthene
Concen: 0.300 ng/ul
RT: 19.361 min Scan# 3553
Delta R.T. -0.008 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

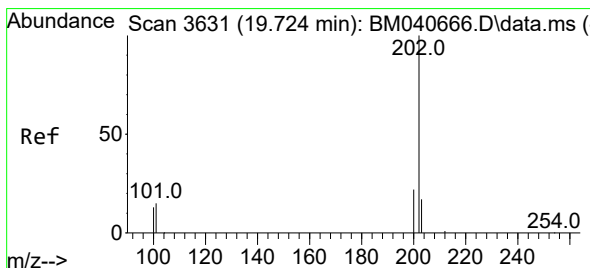
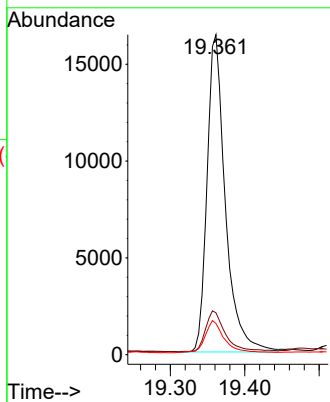
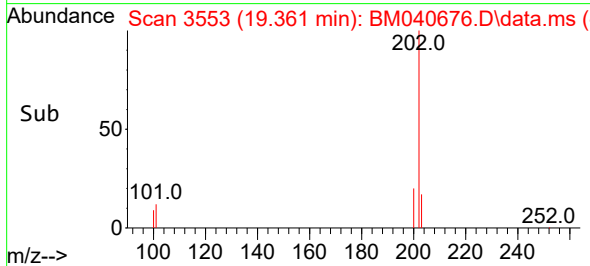
Instrument :
BNA_M
ClientSampleId :
DCGN6DL



Tgt Ion:202 Resp: 27970
Ion Ratio Lower Upper
202 100
101 13.1 11.4 17.0
100 9.7 8.7 13.1

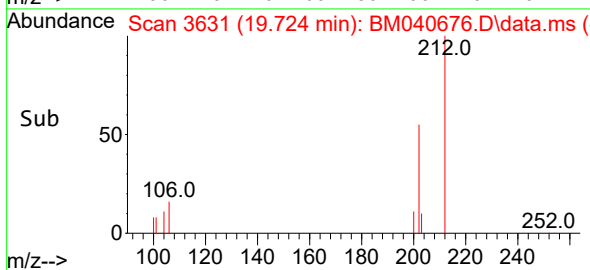
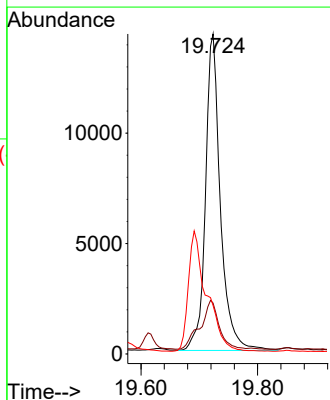
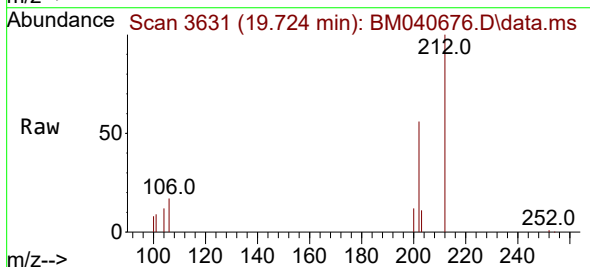
Manual Integrations
APPROVED

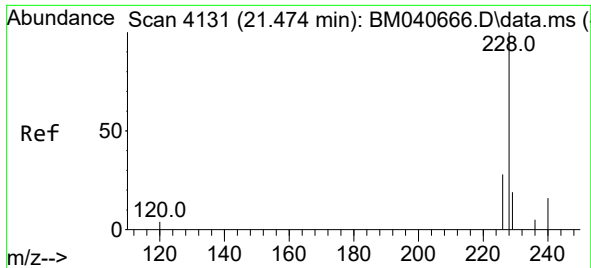
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#20
Pyrene
Concen: 0.256 ng/ul
RT: 19.724 min Scan# 3631
Delta R.T. -0.008 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

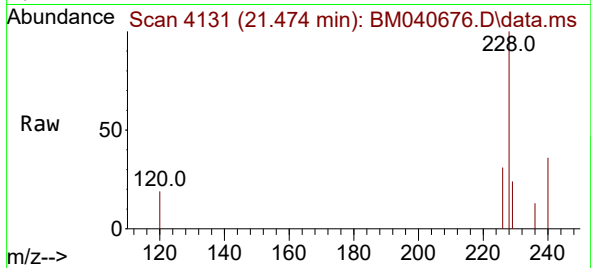
Tgt Ion:202 Resp: 25560
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 15.1 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.188 ng/ul
RT: 21.474 min Scan# 4131
Delta R.T. -0.004 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

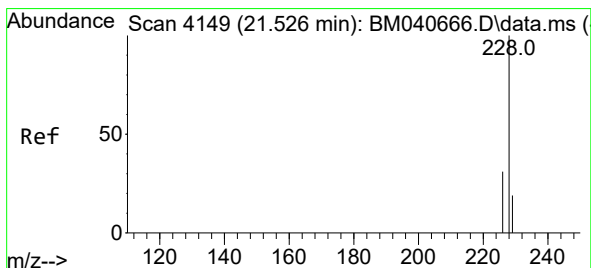
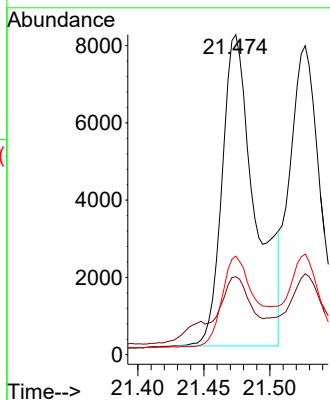
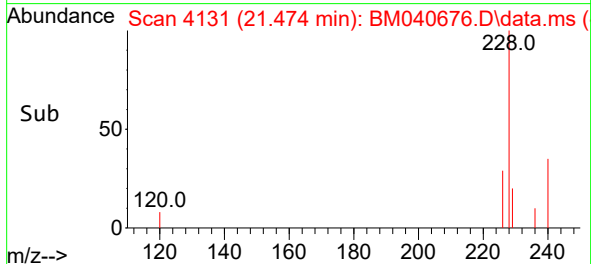
Instrument :
BNA_M
ClientSampleId :
DCGN6DL



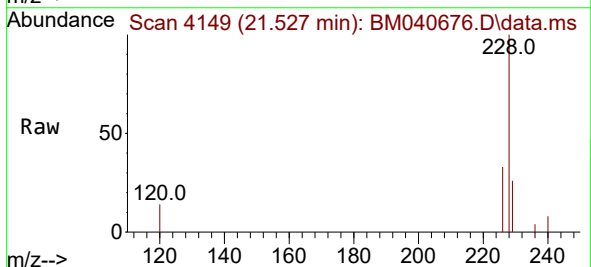
Tgt Ion:228 Resp: 13930
Ion Ratio Lower Upper
228 100
229 24.4 16.0 24.0
226 30.8 22.3 33.5

Manual Integrations
APPROVED

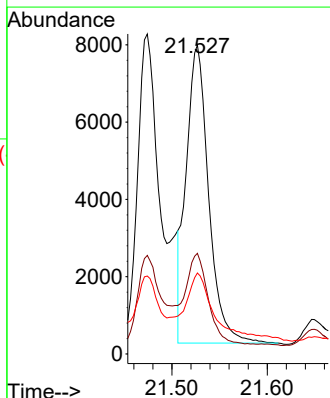
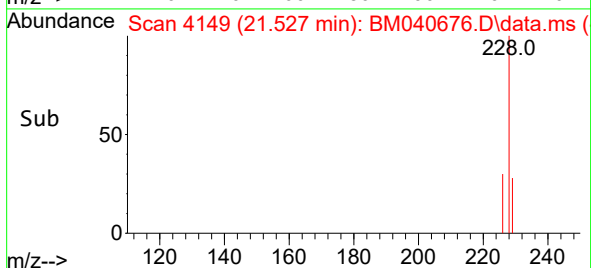
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

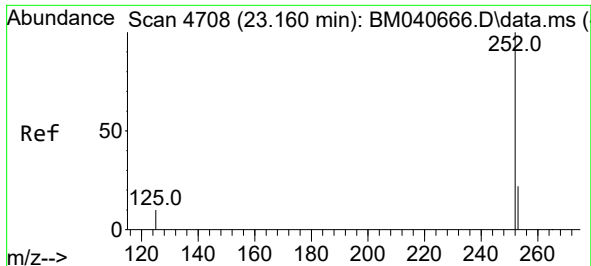


#22
Chrysene
Concen: 0.149 ng/ul
RT: 21.527 min Scan# 4149
Delta R.T. -0.004 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30



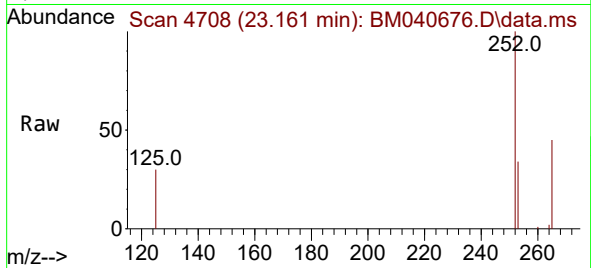
Tgt Ion:228 Resp: 12613
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 26.2 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.257 ng/ul
RT: 23.161 min Scan# 4708
Delta R.T. -0.007 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

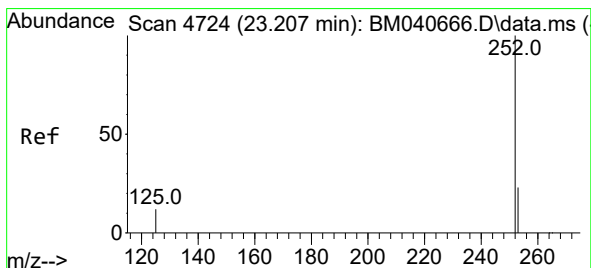
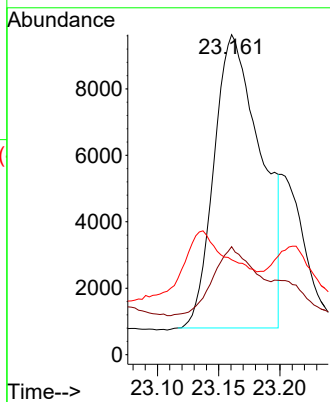
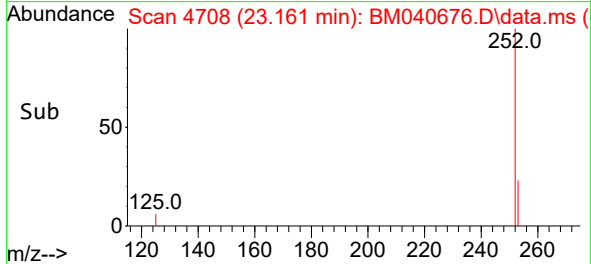
Instrument :
BNA_M
ClientSampleId :
DCGN6DL



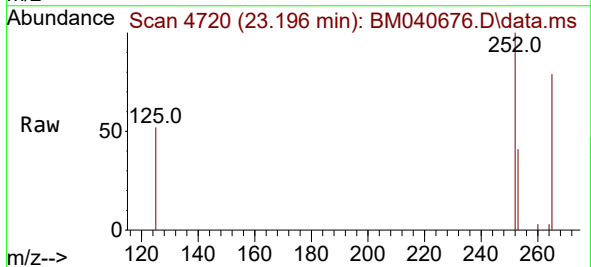
Tgt Ion:252 Resp: 2349
Ion Ratio Lower Upper
252 100
253 33.8 0.0 52.8
125 29.7 0.0 43.0

Manual Integrations
APPROVED

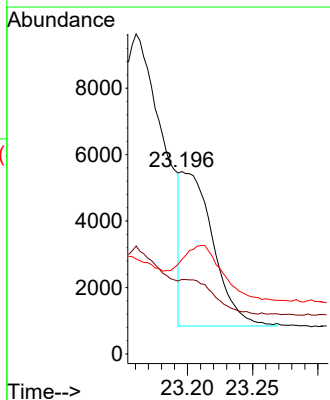
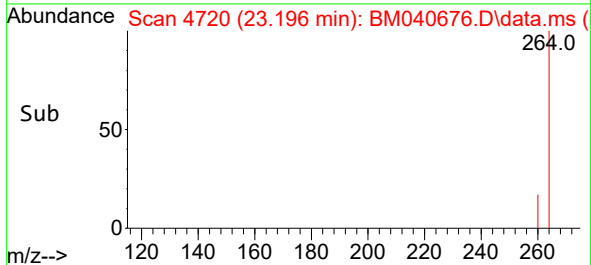
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023

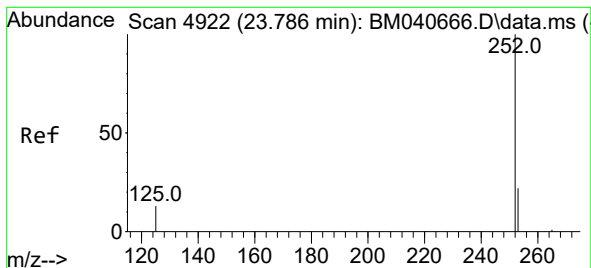


#25
Benzo(k)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.196 min Scan# 4720
Delta R.T. -0.016 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30



Tgt Ion:252 Resp: 7966
Ion Ratio Lower Upper
252 100
253 40.9 21.2 31.8#
125 51.9 16.4 24.6#





#26

Benzo(a)pyrene

Concen: 0.166 ng/ul

RT: 23.783 min Scan# 4922

Delta R.T. -0.010 min

Lab File: BM040676.D

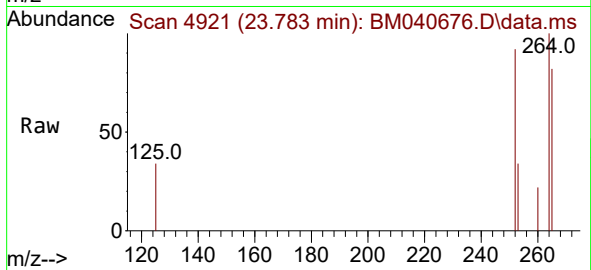
Acq: 06 Jul 2023 14:30

Instrument :

BNA_M

ClientSampleId :

DCGN6DL



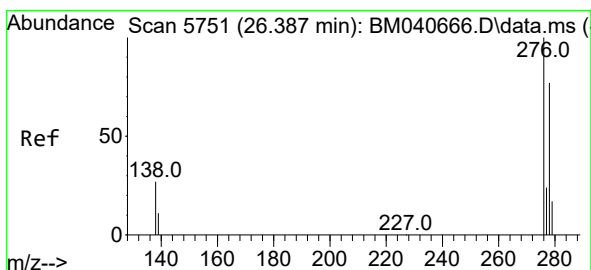
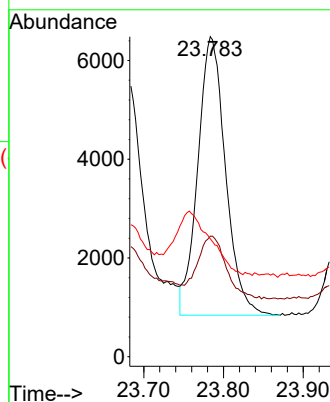
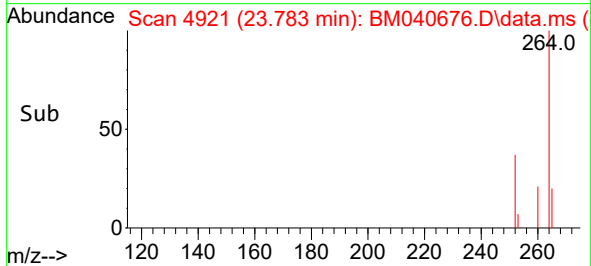
Tgt Ion:	252	Resp:	13650
Ion Ratio	Lower	Upper	
252	100		
253	37.6	22.9	34.3
125	36.9	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/06/2023

Supervised By :Sohil Jodhani 07/06/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.099 ng/ul

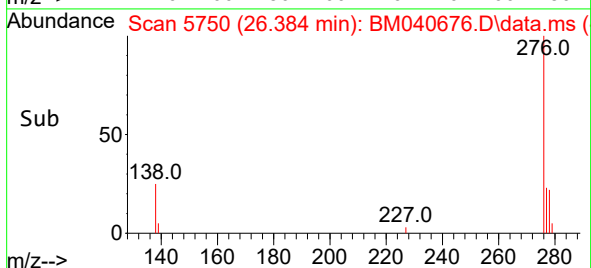
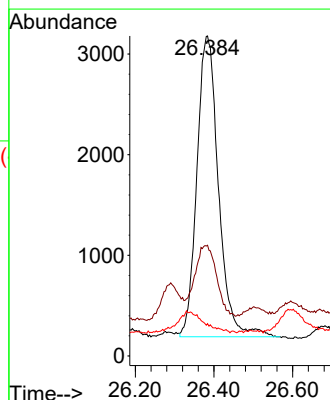
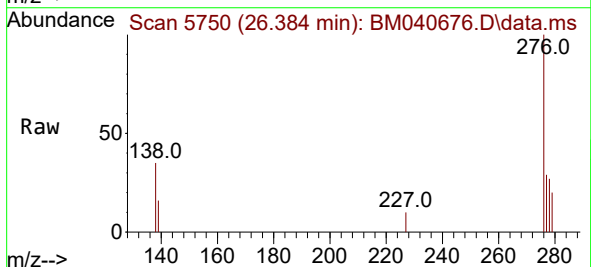
RT: 26.384 min Scan# 5750

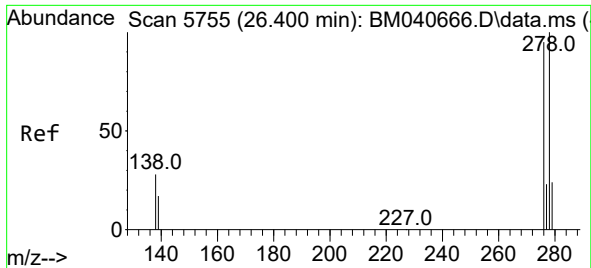
Delta R.T. -0.005 min

Lab File: BM040676.D

Acq: 06 Jul 2023 14:30

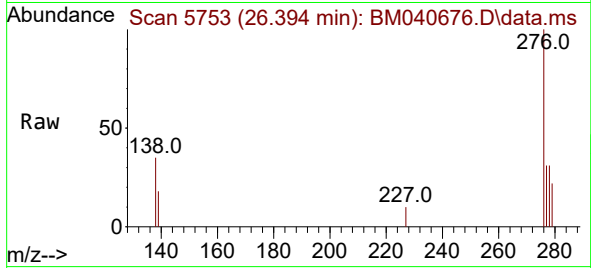
Tgt Ion:	276	Resp:	11364
Ion Ratio	Lower	Upper	
276	100		
138	24.0	24.5	36.7#
227	0.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.015 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30

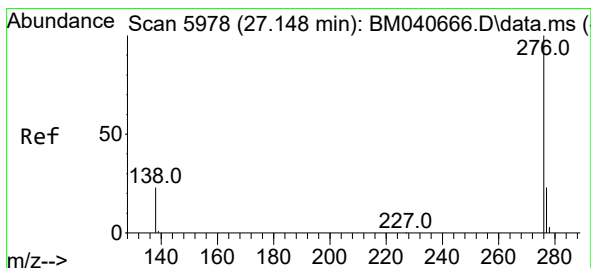
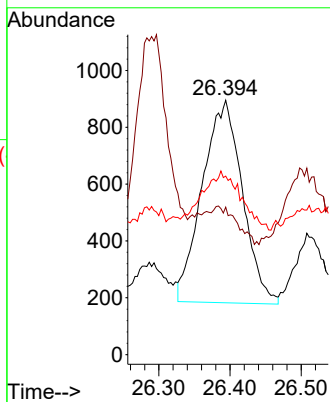
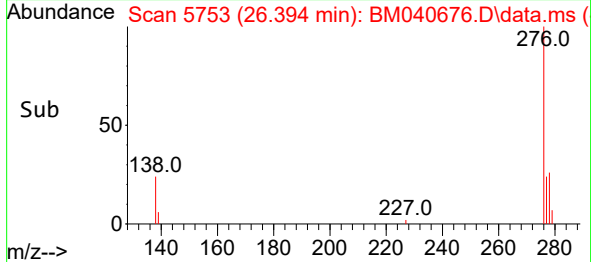
Instrument :
BNA_M
ClientSampleId :
DCGN6DL



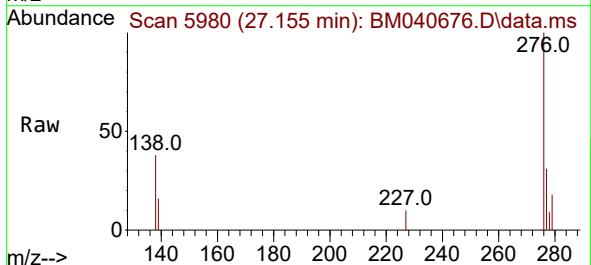
Tgt Ion:278 Resp: 278
Ion Ratio Lower Upper
278 100
139 58.0 17.9 26.9
279 70.2 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 27.155 min Scan# 5980
Delta R.T. -0.008 min
Lab File: BM040676.D
Acq: 06 Jul 2023 14:30



Tgt Ion:276 Resp: 10037
Ion Ratio Lower Upper
276 100
138 37.5 23.0 34.6#
277 30.5 20.3 30.5#

