

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040593.D
 Acq On : 04 Jul 2023 02:18
 Operator : MA/JU
 Sample : 03242-15DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB6DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 04 04:17:50 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 : Mon Jul 03 13:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	6390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23624	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11082	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	20777	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	12661	0.400	ng/ul	0.00
23) Perylene-d12	23.903	264	12016	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	4548	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1233	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	1747	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.286	152	2289	0.046	ng/ul#	84
15) Phenanthrene	17.353	178	15708	0.243	ng/ul	98
16) Anthracene	17.446	178	3198	0.059	ng/ul#	85
19) Fluoranthene	19.370	202	44478	0.827	ng/ul	98
20) Pyrene	19.733	202	35303	0.612	ng/ul	98
21) Benzo(a)anthracene	21.480	228	19870	0.464	ng/ul	96
22) Chrysene	21.532	228	21353	0.437	ng/ul	97
24) Benzo(b)fluoranthene	23.172	252	37131	0.798	ng/ul	98
25) Benzo(k)fluoranthene	23.210	252	10087m	0.220	ng/ul	
26) Benzo(a)pyrene	23.795	252	19858	0.474	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.400	276	18665	0.320	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.407	278	4597	0.101	ng/ul#	58
29) Benzo(g,h,i)perylene	27.172	276	17585	0.344	ng/ul	97

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

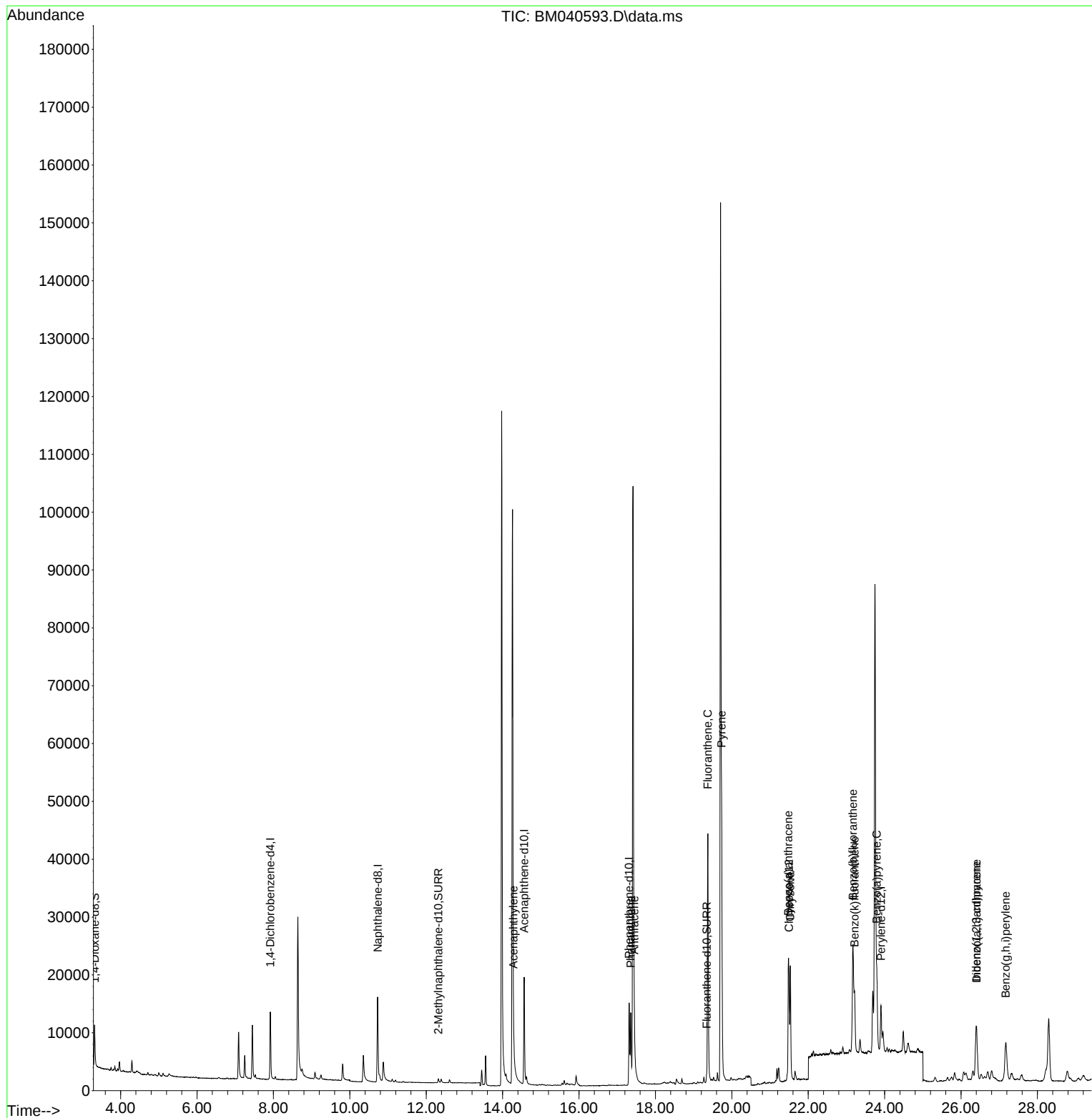
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040593.D
Acq On : 04 Jul 2023 02:18
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ALS Vial : 29 Sample Multiplier: 1

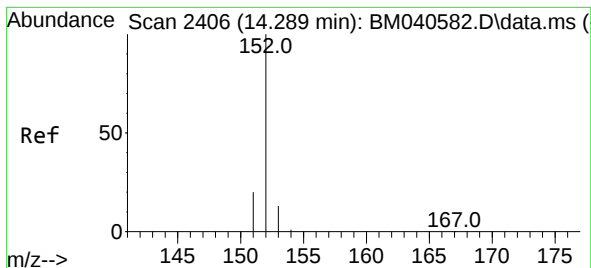
Instrument :
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#10

Acenaphthylene

Concen: 0.046 ng/ul

RT: 14.286 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BM040593.D

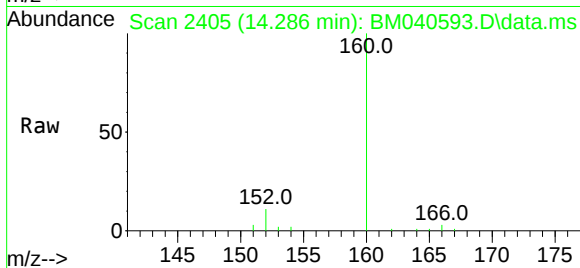
Acq: 04 Jul 2023 02:18

Instrument :

BNA_M

ClientSampleId :

DCGB6DL



Tgt Ion:152 Resp: 2289

Ion Ratio Lower Upper

152 100

151 27.1 16.2 24.2

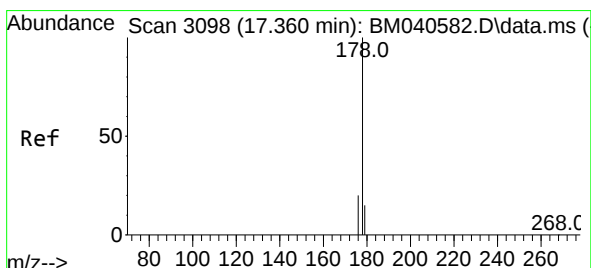
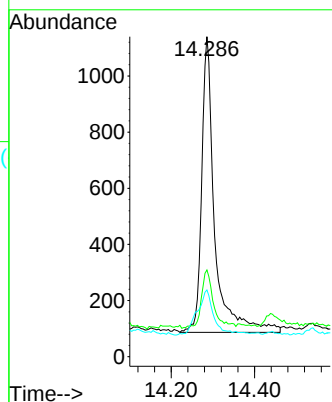
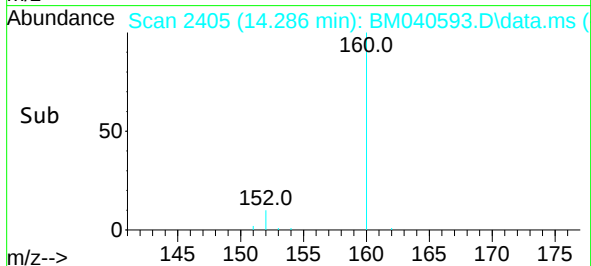
153 20.9 10.9 16.3

Manual Integrations

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#15

Phenanthrene

Concen: 0.243 ng/ul

RT: 17.353 min Scan# 3096

Delta R.T. -0.009 min

Lab File: BM040593.D

Acq: 04 Jul 2023 02:18

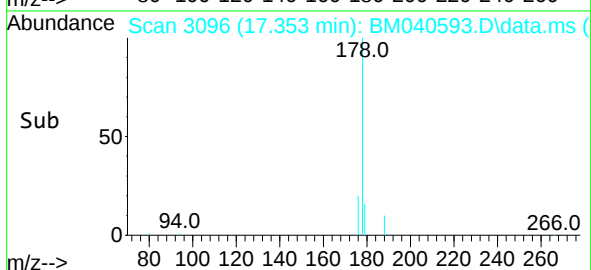
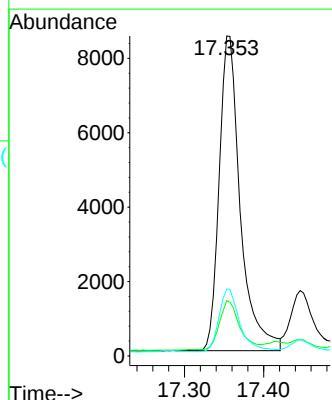
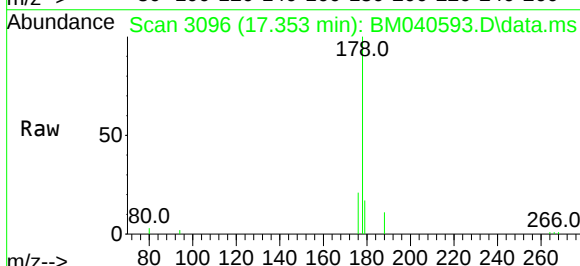
Tgt Ion:178 Resp: 15708

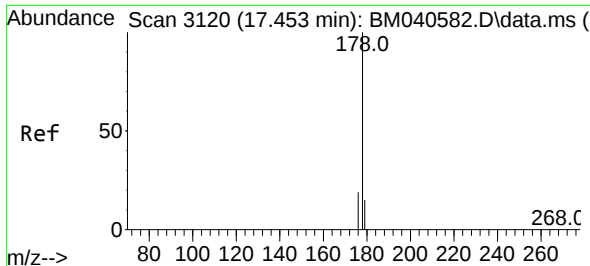
Ion Ratio Lower Upper

178 100

179 17.3 12.8 19.2

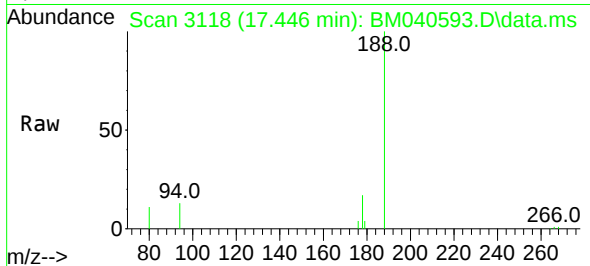
176 21.0 16.4 24.6





#16
 Anthracene
 Concen: 0.059 ng/ul
 RT: 17.446 min Scan# 3118
 Delta R.T. -0.009 min
 Lab File: BM040593.D
 Acq: 04 Jul 2023 02:18

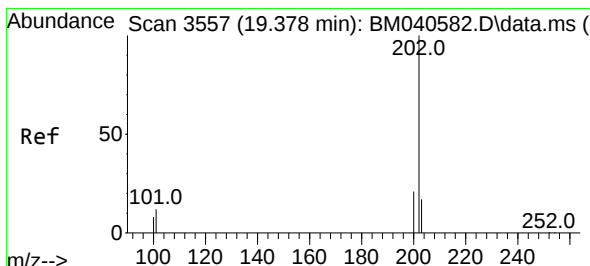
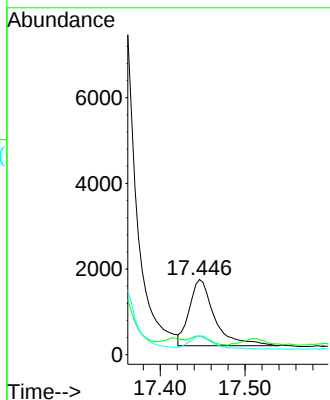
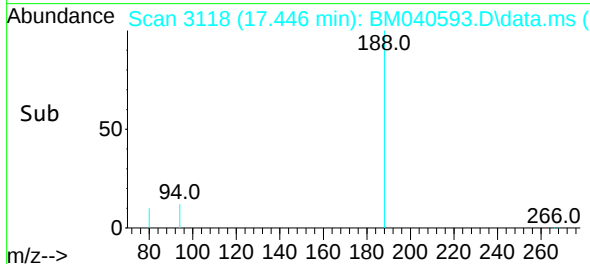
Instrument :
 BNA_M
 ClientSampleId :
 DCGB6DL



Tgt Ion:178 Resp: 3198
 Ion Ratio Lower Upper
 178 100
 179 24.6 12.9 19.3
 176 25.0 15.8 23.6

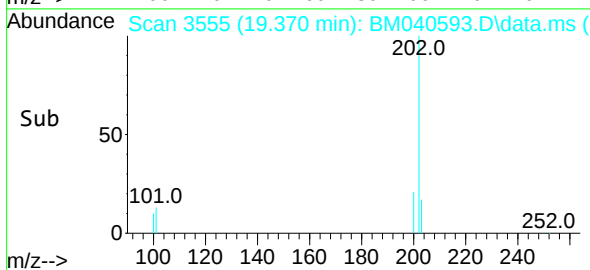
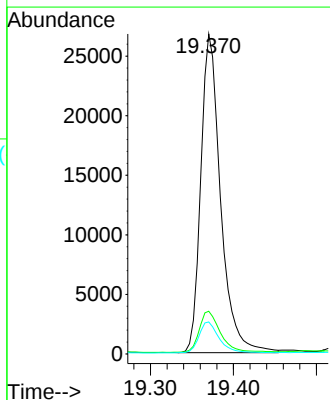
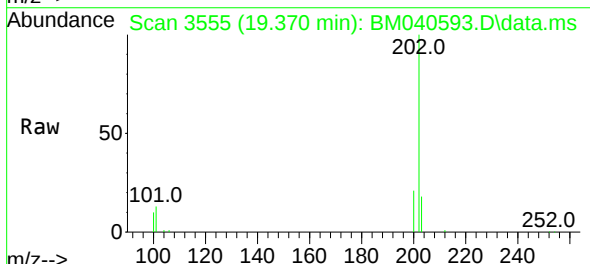
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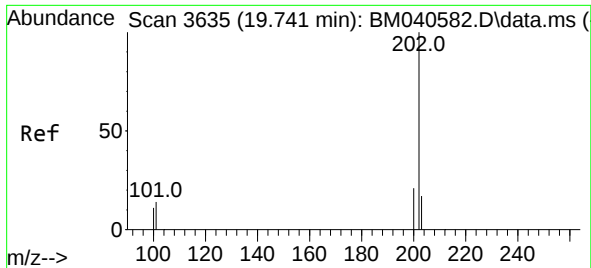
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.827 ng/ul
 RT: 19.370 min Scan# 3555
 Delta R.T. -0.009 min
 Lab File: BM040593.D
 Acq: 04 Jul 2023 02:18

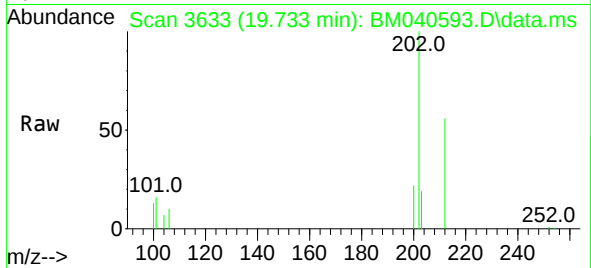
Tgt Ion:202 Resp: 44478
 Ion Ratio Lower Upper
 202 100
 101 13.3 11.4 17.0
 100 10.0 8.7 13.1





#20
Pyrene
Concen: 0.612 ng/ul
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

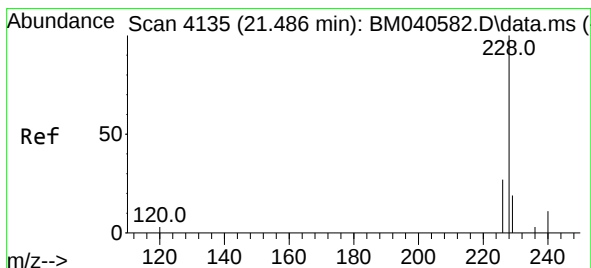
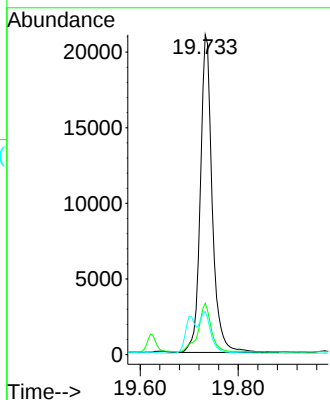
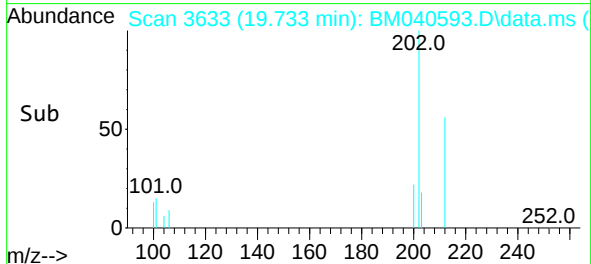
Instrument :
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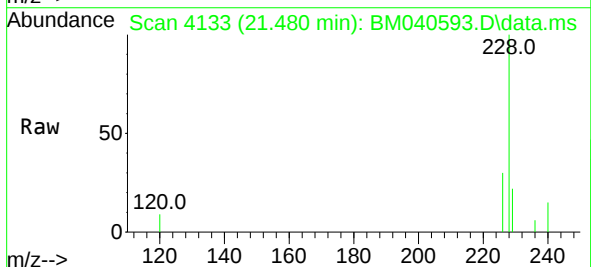
Tgt Ion:202 Resp: 3530
Ion Ratio Lower Upper
202 100
101 16.1 12.6 18.8
100 13.5 9.8 14.6

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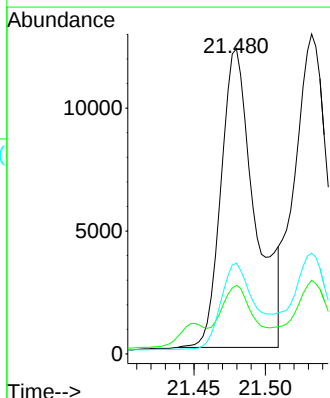
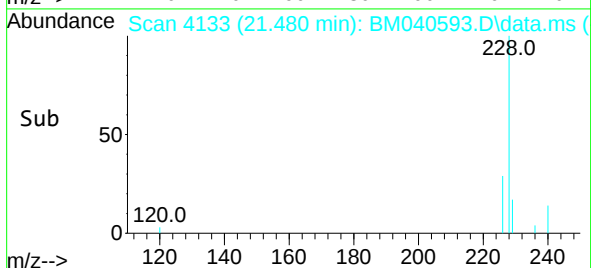
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

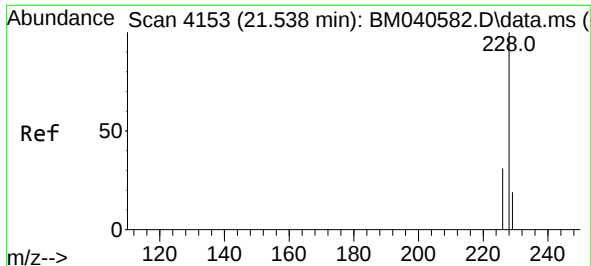


#21
Benzo(a)anthracene
Concen: 0.464 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18



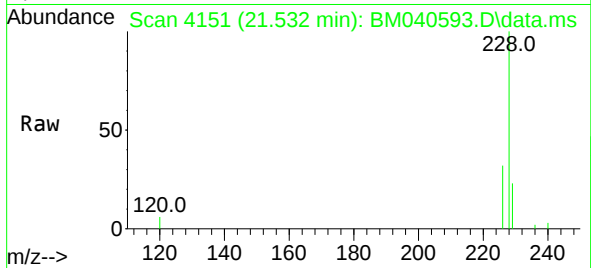
Tgt Ion:228 Resp: 19870
Ion Ratio Lower Upper
228 100
229 22.5 16.0 24.0
226 29.7 22.3 33.5





#22
Chrysene
Concen: 0.437 ng/ul
RT: 21.532 min Scan# 4153
Delta R.T. -0.009 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

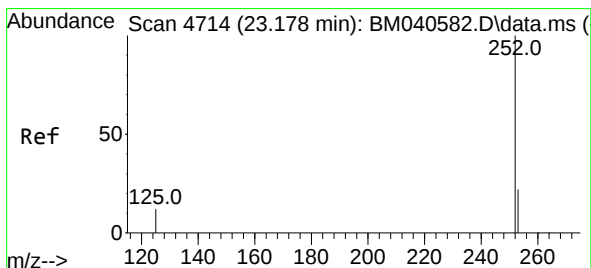
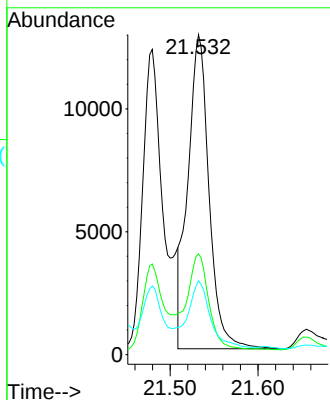
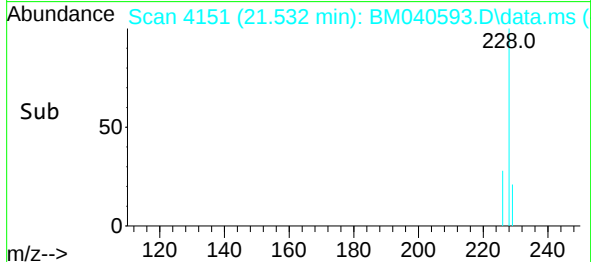
Instrument :
BNA_M
ClientSampleId :
DCGB6DL



Tgt Ion:228 Resp: 2135
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 23.0 15.8 23.6

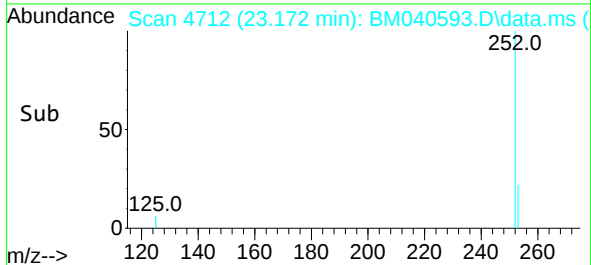
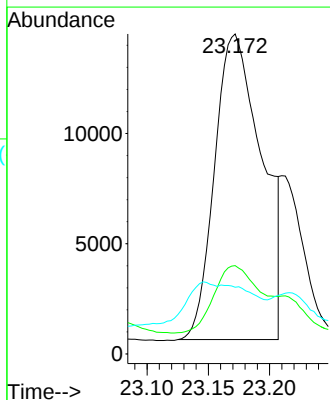
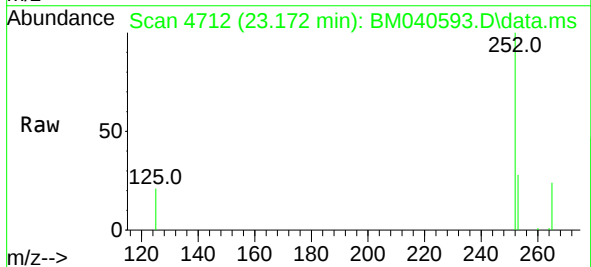
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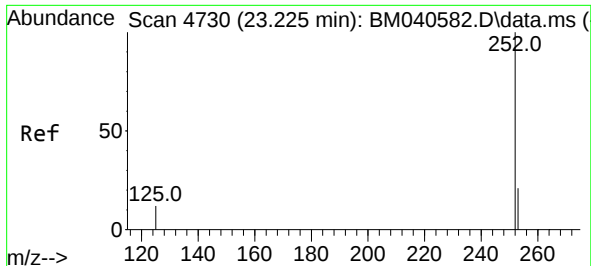
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.798 ng/ul
RT: 23.172 min Scan# 4712
Delta R.T. -0.009 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

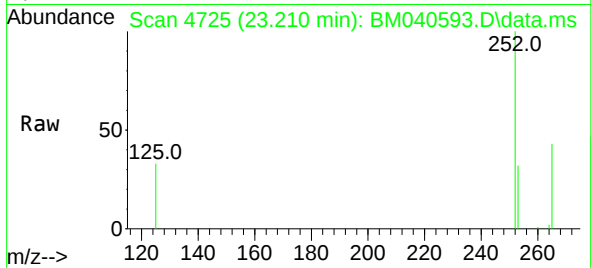
Tgt Ion:252 Resp: 37131
Ion Ratio Lower Upper
252 100
253 27.6 0.0 52.8
125 20.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.220 ng/ul m
RT: 23.210 min Scan# 4730
Delta R.T. -0.015 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

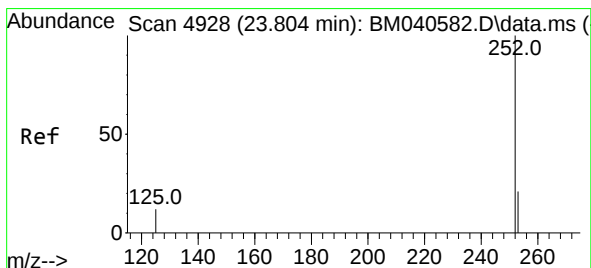
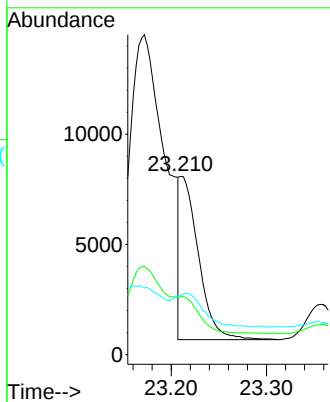
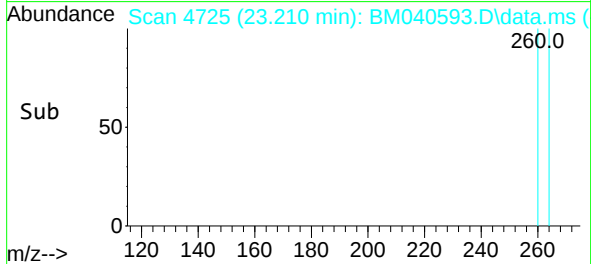
Instrument :
BNA_M
ClientSampleId :
DCGB6DL



Tgt Ion:252 Resp: 1008
Ion Ratio Lower Upper
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253 32.5 21.2 31.8
125 33.3 16.4 24.6

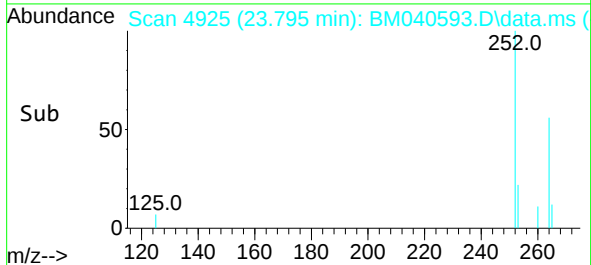
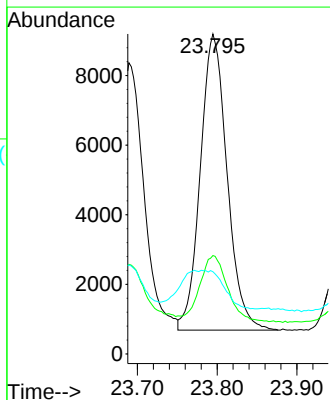
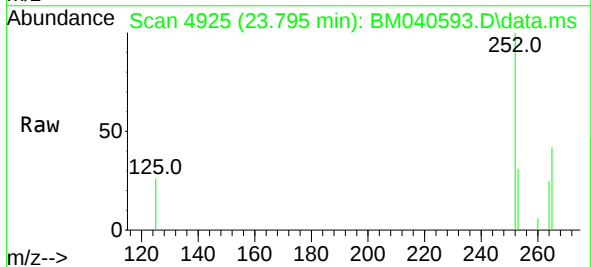
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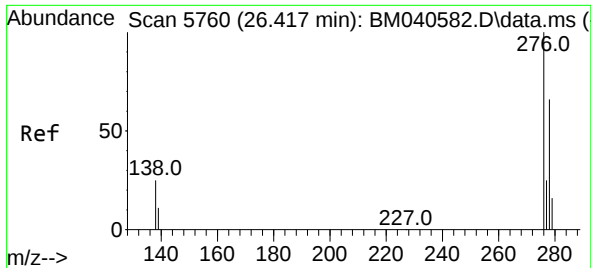
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.474 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

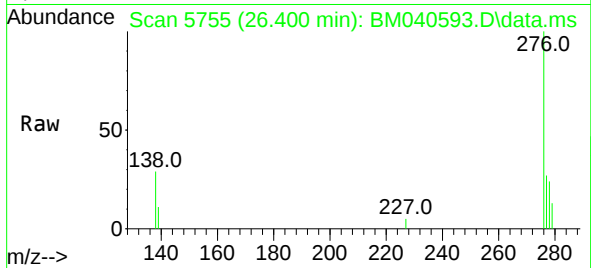
Tgt Ion:252 Resp: 19858
Ion Ratio Lower Upper
252 100
253 30.7 22.9 34.3
125 25.7 21.0 31.4





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/ul
RT: 26.400 min Scan# 5755
Delta R.T. -0.017 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18

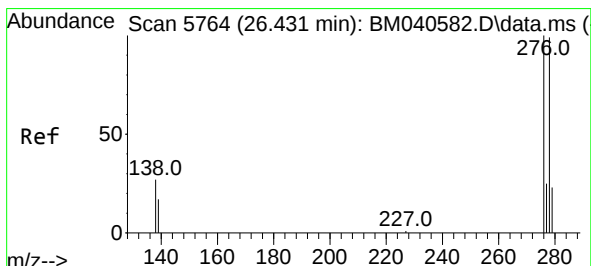
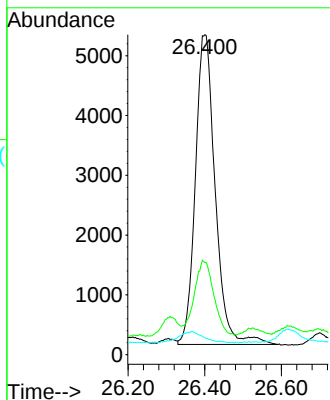
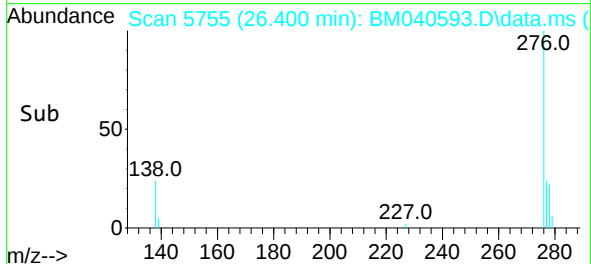
Instrument :
BNA_M
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DCGB6DL



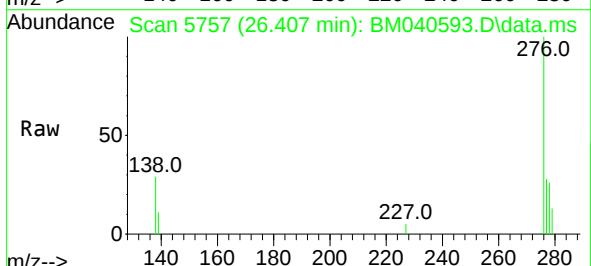
Tgt Ion:276 Resp: 1866
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7
227 0.0 0.1 0.1

Manual Integrations
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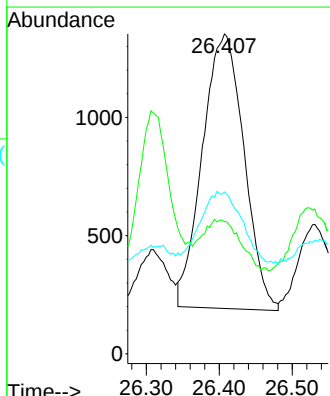
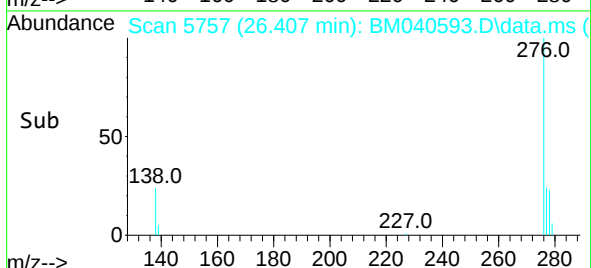
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Supervised By :Sohil Jodhani 07/04/2023

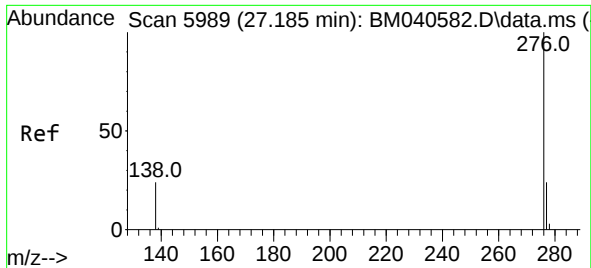


#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.407 min Scan# 5757
Delta R.T. -0.024 min
Lab File: BM040593.D
Acq: 04 Jul 2023 02:18



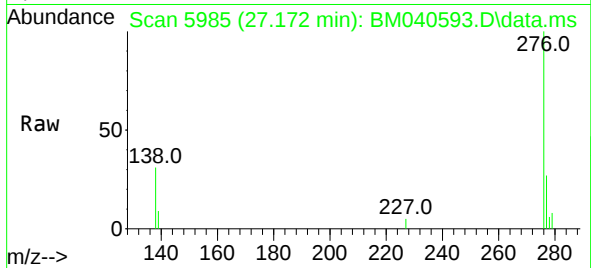
Tgt Ion:278 Resp: 4597
Ion Ratio Lower Upper
278 100
139 41.4 17.9 26.9#
279 50.6 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.344 ng/ul
 RT: 27.172 min Scan# 5985
 Delta R.T. -0.010 min
 Lab File: BM040593.D
 Acq: 04 Jul 2023 02:18

Instrument :
 BNA_M
 ClientSampleId :
 DCGB6DL



Tgt Ion:276 Resp: 17585
 Ion Ratio Lower Upper
 276 100
 138 30.5 23.0 34.6
 277 26.7 20.3 30.5

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