

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040590.D
 Acq On : 04 Jul 2023 00:26
 Operator : MA/JU
 Sample : 03242-17DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB8DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 01:31:09 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	6597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	19766	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	11944	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	12107	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	7725	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1760	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2337	0.061	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.286	152	1122	0.023	ng/ul#	69
15) Phenanthrene	17.353	178	5993	0.098	ng/ul#	94
16) Anthracene	17.451	178	1373	0.027	ng/ul#	69
19) Fluoranthene	19.375	202	16724	0.330	ng/ul	97
20) Pyrene	19.733	202	14372m	0.264	ng/ul	
21) Benzo(a)anthracene	21.480	228	8436	0.209	ng/ul#	93
22) Chrysene	21.532	228	8882	0.193	ng/ul#	94
24) Benzo(b)fluoranthene	23.169	252	17422	0.372	ng/ul	85
25) Benzo(k)fluoranthene	23.213	252	5317m	0.115	ng/ul	
26) Benzo(a)pyrene	23.795	252	9670	0.229	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.400	276	9714	0.165	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.410	278	2196	0.048	ng/ul#	25
29) Benzo(g,h,i)perylene	27.172	276	10693	0.208	ng/ul	92

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

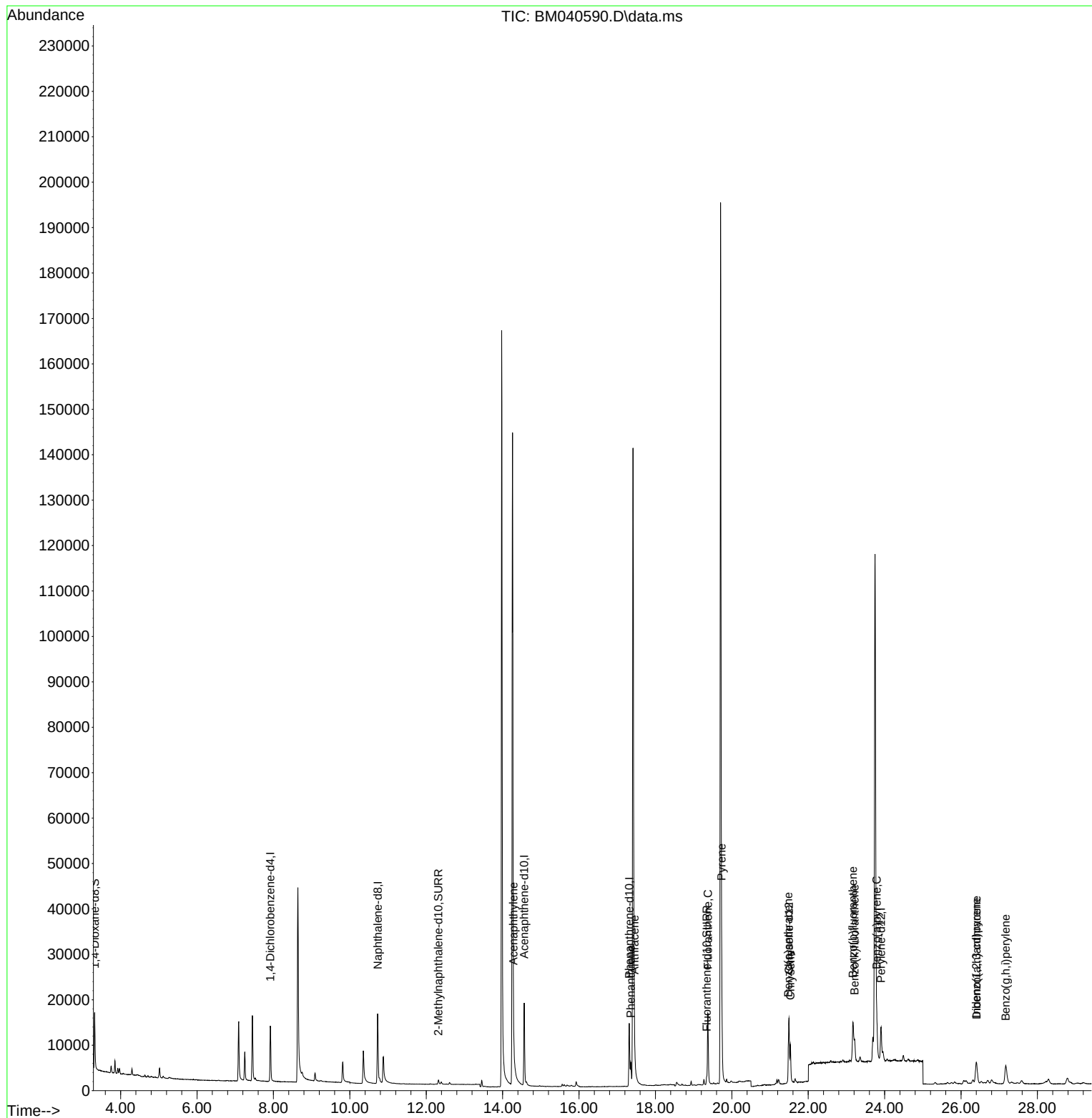
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040590.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

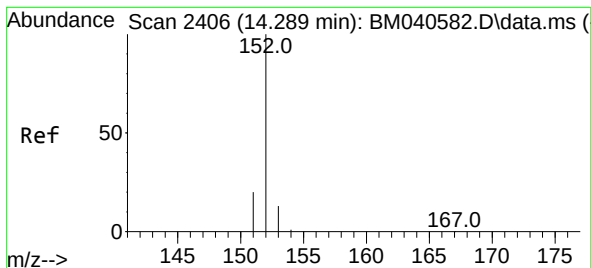
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QLast Update : Mon Jul 03 13:40:38 2023
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#10

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.286 min Scan# 2406

Delta R.T. -0.005 min

Lab File: BM040590.D

Acq: 04 Jul 2023 00:26

Instrument :

BNA_M

ClientSampleId :

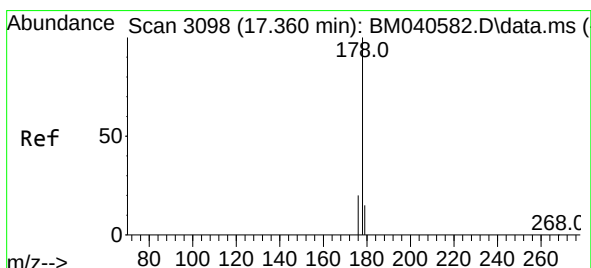
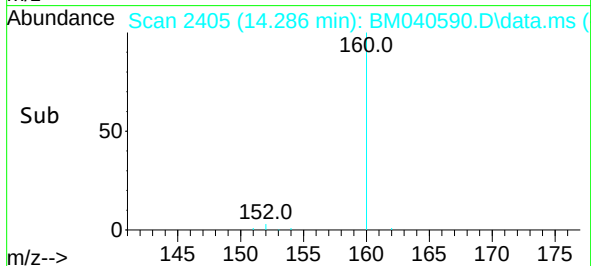
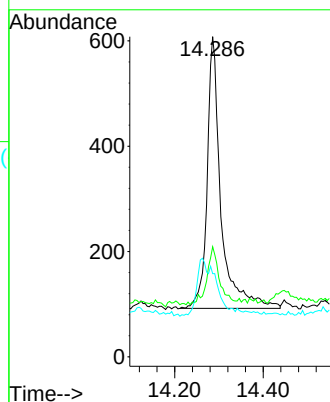
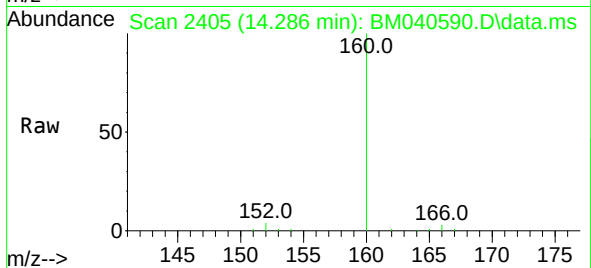
DCGB8DL

Tgt Ion:	152	Resp:	112
Ion Ratio	Lower	Upper	
152	100		
151	34.4	16.2	24.2
153	26.0	10.9	16.3

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#15

Phenanthrene

Concen: 0.098 ng/ul

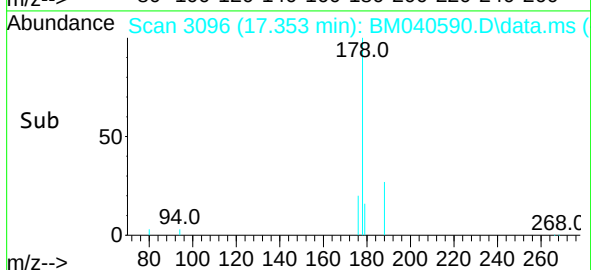
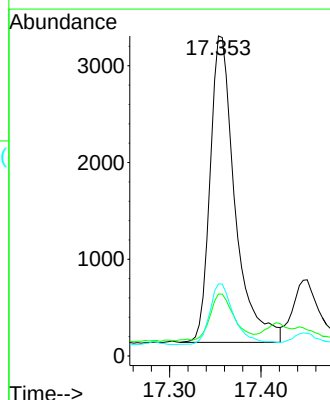
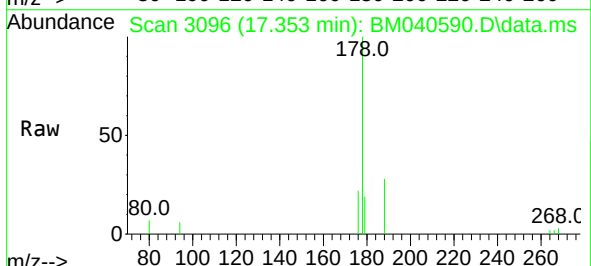
RT: 17.353 min Scan# 3096

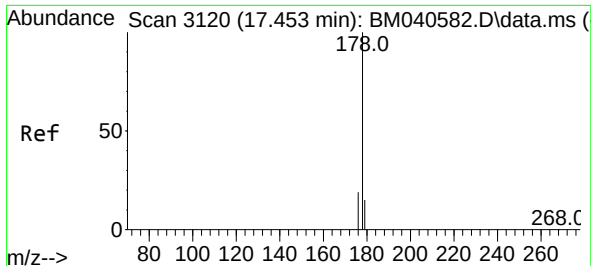
Delta R.T. -0.008 min

Lab File: BM040590.D

Acq: 04 Jul 2023 00:26

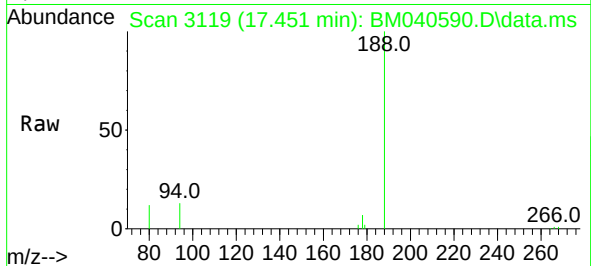
Tgt Ion:	178	Resp:	5993
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.8	19.2
176	22.5	16.4	24.6





#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.451 min Scan# 3119
 Delta R.T. -0.004 min
 Lab File: BM040590.D
 Acq: 04 Jul 2023 00:26

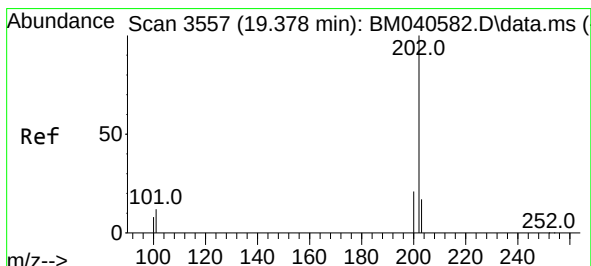
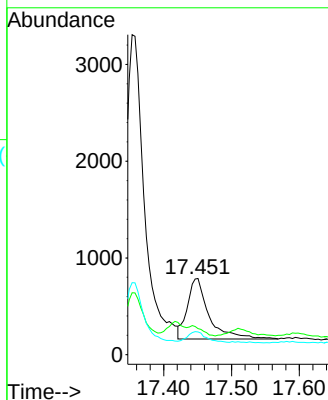
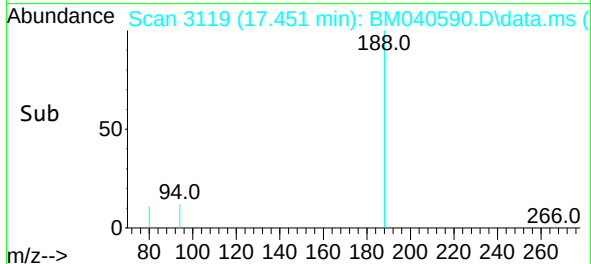
Instrument :
 BNA_M
 ClientSampleId :
 DCGB8DL



Tgt Ion:178 Resp: 137
 Ion Ratio Lower Upper
 178 100
 179 34.3 12.9 19.3
 176 29.9 15.8 23.6

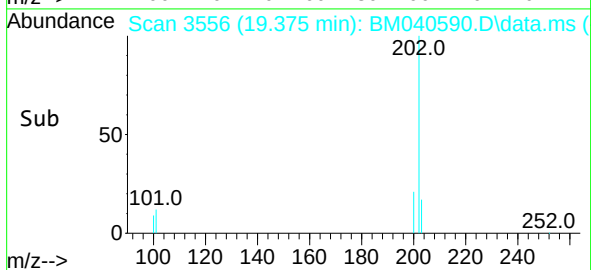
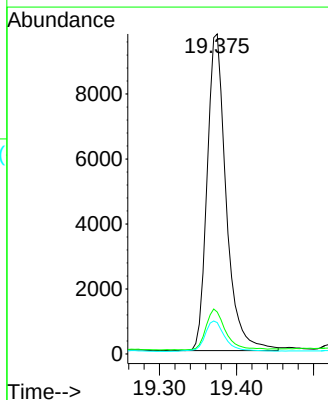
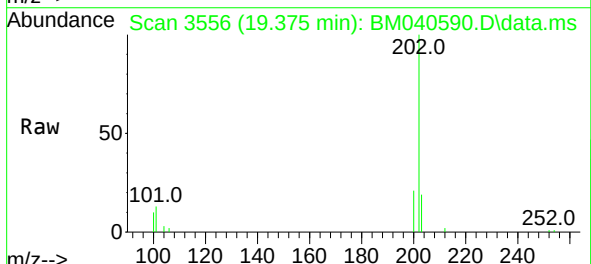
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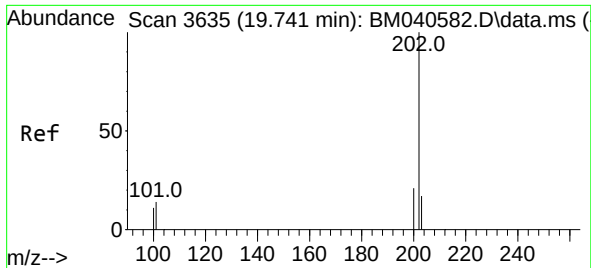
Reviewed By :Yogesh Patel 07/04/2023
 Supervised By :Sohil Jodhani 07/04/2023



#19
 Fluoranthene
 Concen: 0.330 ng/ul
 RT: 19.375 min Scan# 3556
 Delta R.T. -0.005 min
 Lab File: BM040590.D
 Acq: 04 Jul 2023 00:26

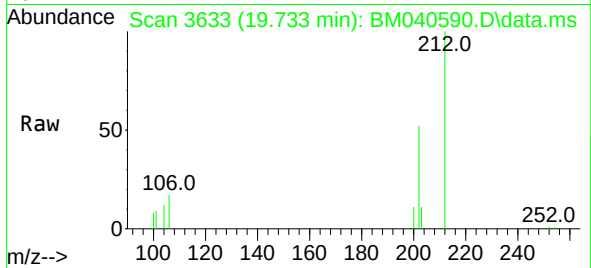
Tgt Ion:202 Resp: 16724
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.4 17.0
 100 9.8 8.7 13.1





#20
Pyrene
Concen: 0.264 ng/ul m
RT: 19.733 min Scan# 3633
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

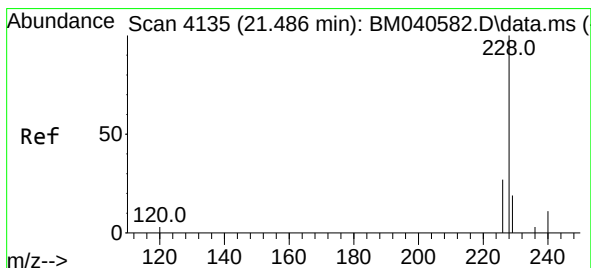
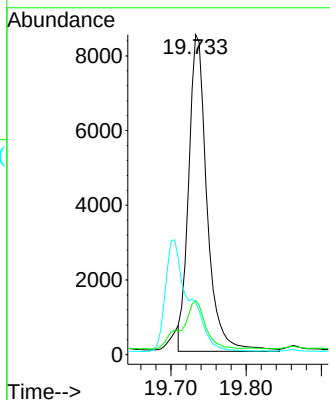
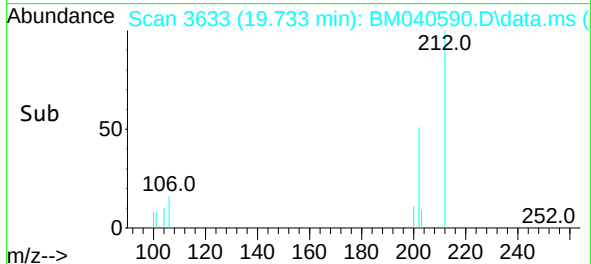
Instrument :
BNA_M
ClientSampleId :
DCGB8DL



Tgt Ion:202 Resp: 14372
Ion Ratio Lower Upper
202 100
101 16.9 12.6 18.8
100 16.2 9.8 14.6

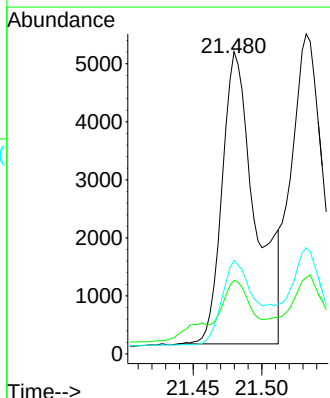
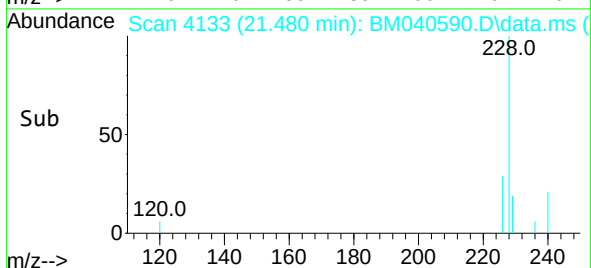
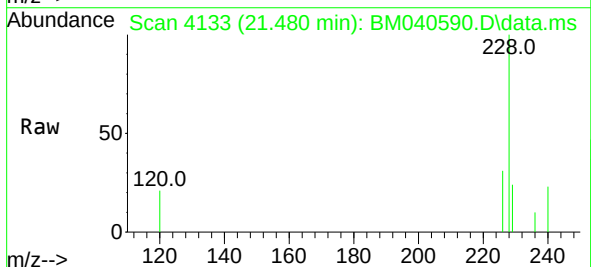
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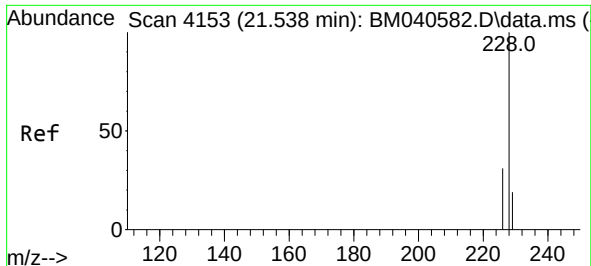
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

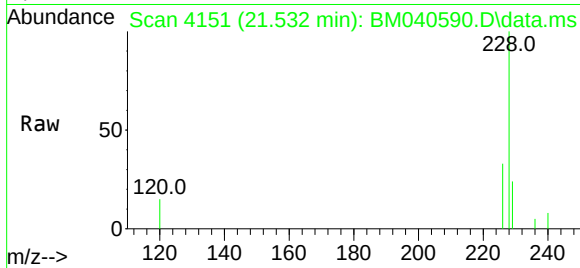
Tgt Ion:228 Resp: 8436
Ion Ratio Lower Upper
228 100
229 24.4 16.0 24.0#
226 31.0 22.3 33.5





#22
Chrysene
Concen: 0.193 ng/ul
RT: 21.532 min Scan# 4153
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

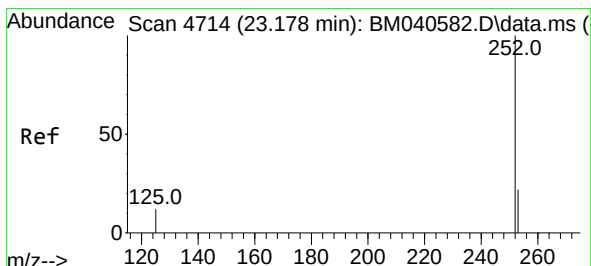
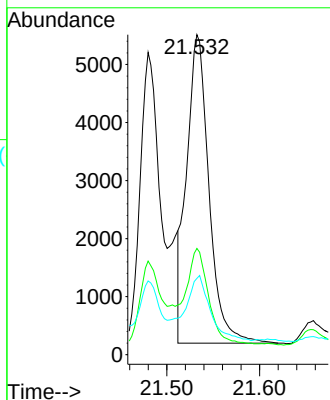
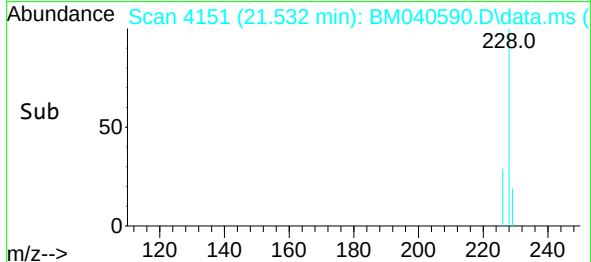
Instrument :
BNA_M
ClientSampleId :
DCGB8DL



Tgt Ion:228 Resp: 888
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 23.9 15.8 23.6

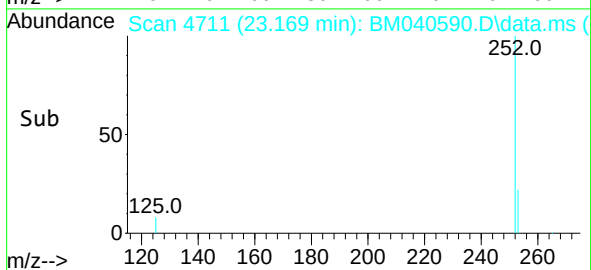
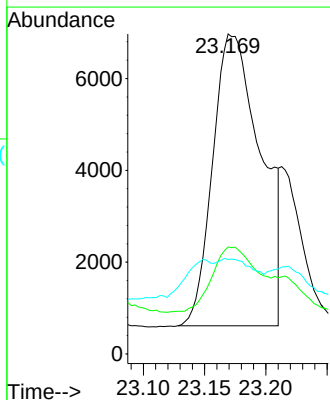
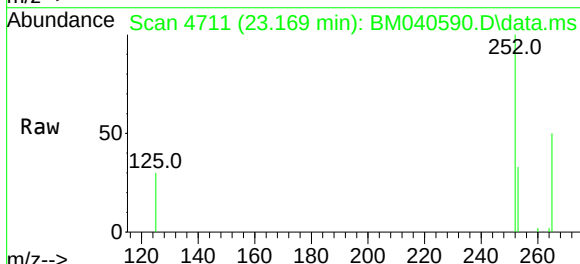
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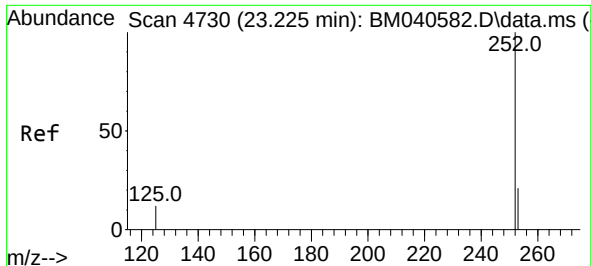
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

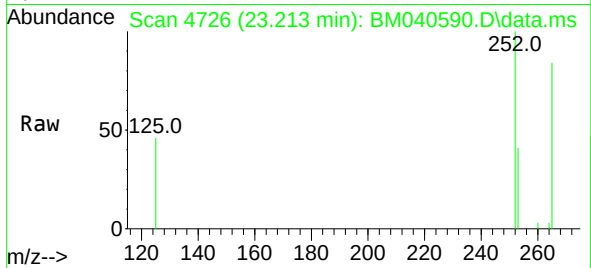
Tgt Ion:252 Resp: 17422
Ion Ratio Lower Upper
252 100
253 33.4 0.0 52.8
125 29.6 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 23.213 min Scan# 4726
Delta R.T. -0.012 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

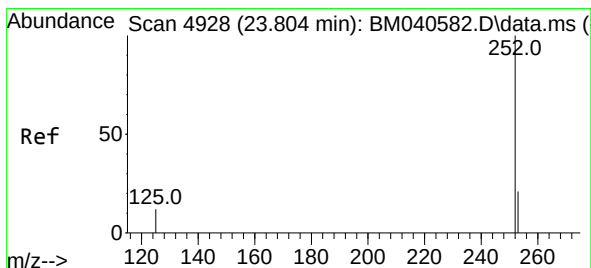
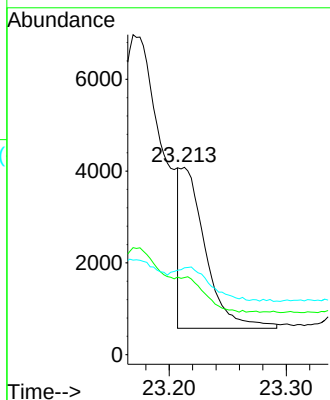
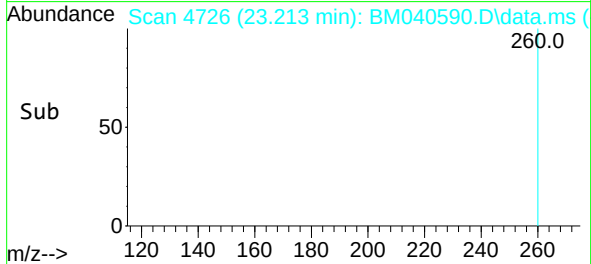
Instrument :
BNA_M
ClientSampleId :
DCGB8DL



Tgt Ion:252 Resp: 5317
Ion Ratio Lower Upper
252 100
253 41.1 21.2 31.8#
125 46.4 16.4 24.6#

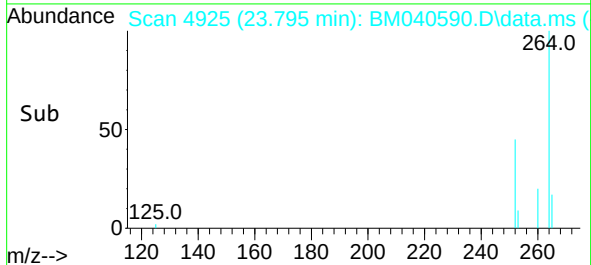
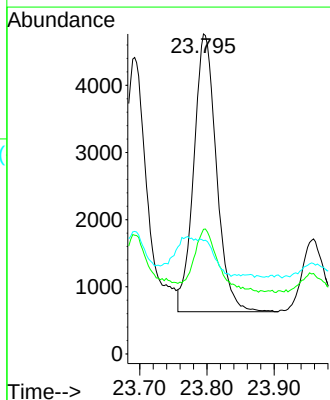
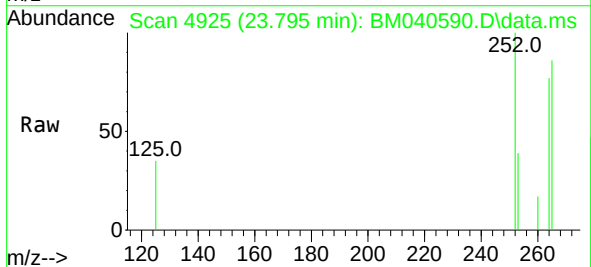
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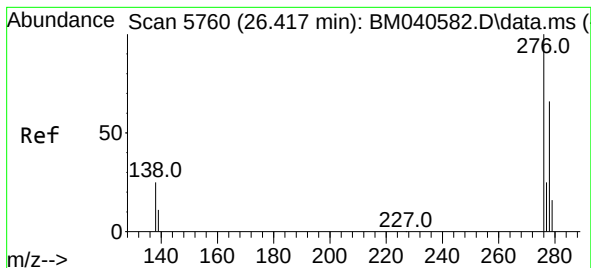
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023



#26
Benzo(a)pyrene
Concen: 0.229 ng/ul
RT: 23.795 min Scan# 4925
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

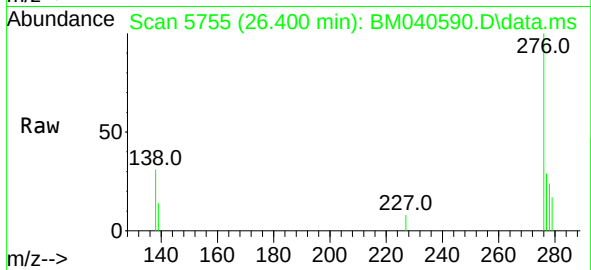
Tgt Ion:252 Resp: 9670
Ion Ratio Lower Upper
252 100
253 39.0 22.9 34.3#
125 35.4 21.0 31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 26.400 min Scan# 5714
Delta R.T. -0.017 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

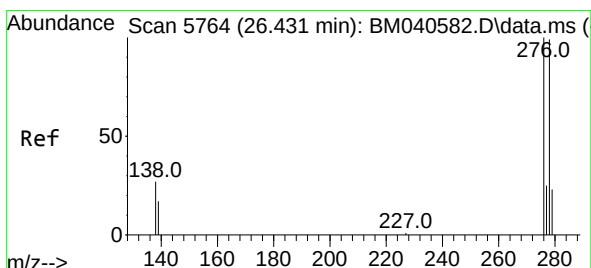
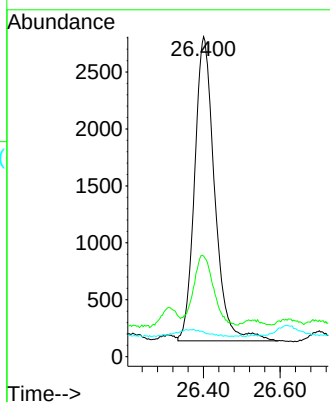
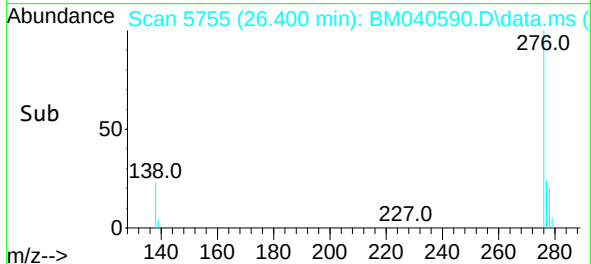
Instrument :
BNA_M
ClientSampleId :
DCGB8DL



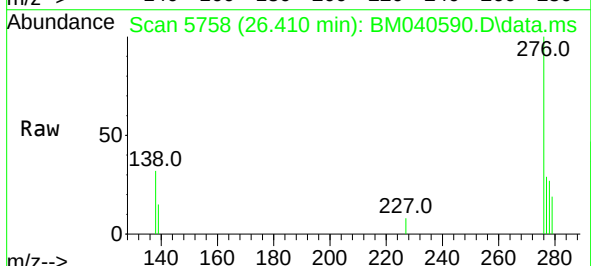
Tgt Ion:276 Resp: 9714
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.1 0.1#

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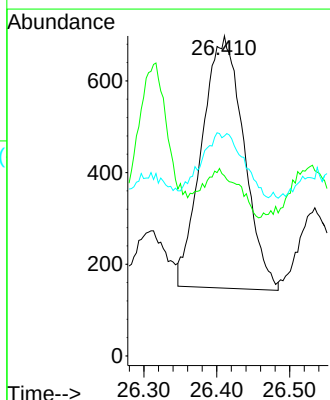
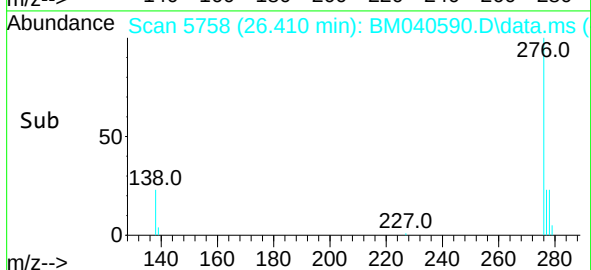
Reviewed By :Yogesh Patel 07/04/2023
Supervised By :Sohil Jodhani 07/04/2023

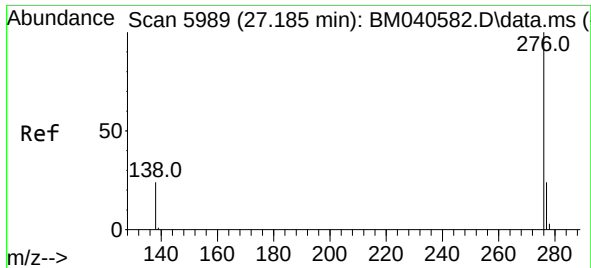


#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.410 min Scan# 5758
Delta R.T. -0.020 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26



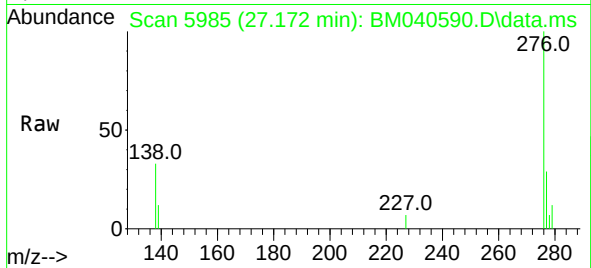
Tgt Ion:278 Resp: 2196
Ion Ratio Lower Upper
278 100
139 56.3 17.9 26.9#
279 68.8 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.208 ng/ul
 RT: 27.172 min Scan# 5985
 Delta R.T. -0.010 min
 Lab File: BM040590.D
 Acq: 04 Jul 2023 00:26

Instrument :
 BNA_M
 ClientSampleId :
 DCGB8DL



Tgt Ion:276 Resp: 1069
 Ion Ratio Lower Upper
 276 100
 138 33.0 23.0 34.6
 277 29.0 20.3 30.5

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