

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040605.D
 Acq On : 04 Jul 2023 10:20
 Operator : MA/JU
 Sample : 03243-13DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:17:28 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	7.915	152	7479	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	28137	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.559	164	13223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	25425	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	15077	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	14034	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	4907	0.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1311	0.033	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	1954	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.773	128	1792	0.023	ng/ul#	82
10) Acenaphthylene	14.281	152	1967	0.033	ng/ul#	84
15) Phenanthrene	17.349	178	13112	0.166	ng/ul	98
16) Anthracene	17.442	178	1522	0.023	ng/ul#	81
19) Fluoranthene	19.366	202	36980	0.577	ng/ul	98
20) Pyrene	19.728	202	29456	0.429	ng/ul	97
21) Benzo(a)anthracene	21.480	228	15455	0.303	ng/ul	96
22) Chrysene	21.532	228	16078	0.276	ng/ul	97
24) Benzo(b)fluoranthene	23.169	252	26109	0.481	ng/ul	96
25) Benzo(k)fluoranthene	23.210	252	8983m	0.168	ng/ul	
26) Benzo(a)pyrene	23.792	252	14301	0.292	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.394	276	13770	0.202	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.404	278	3270	0.061	ng/ul#	56
29) Benzo(g,h,i)perylene	27.165	276	12385	0.207	ng/ul	93

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

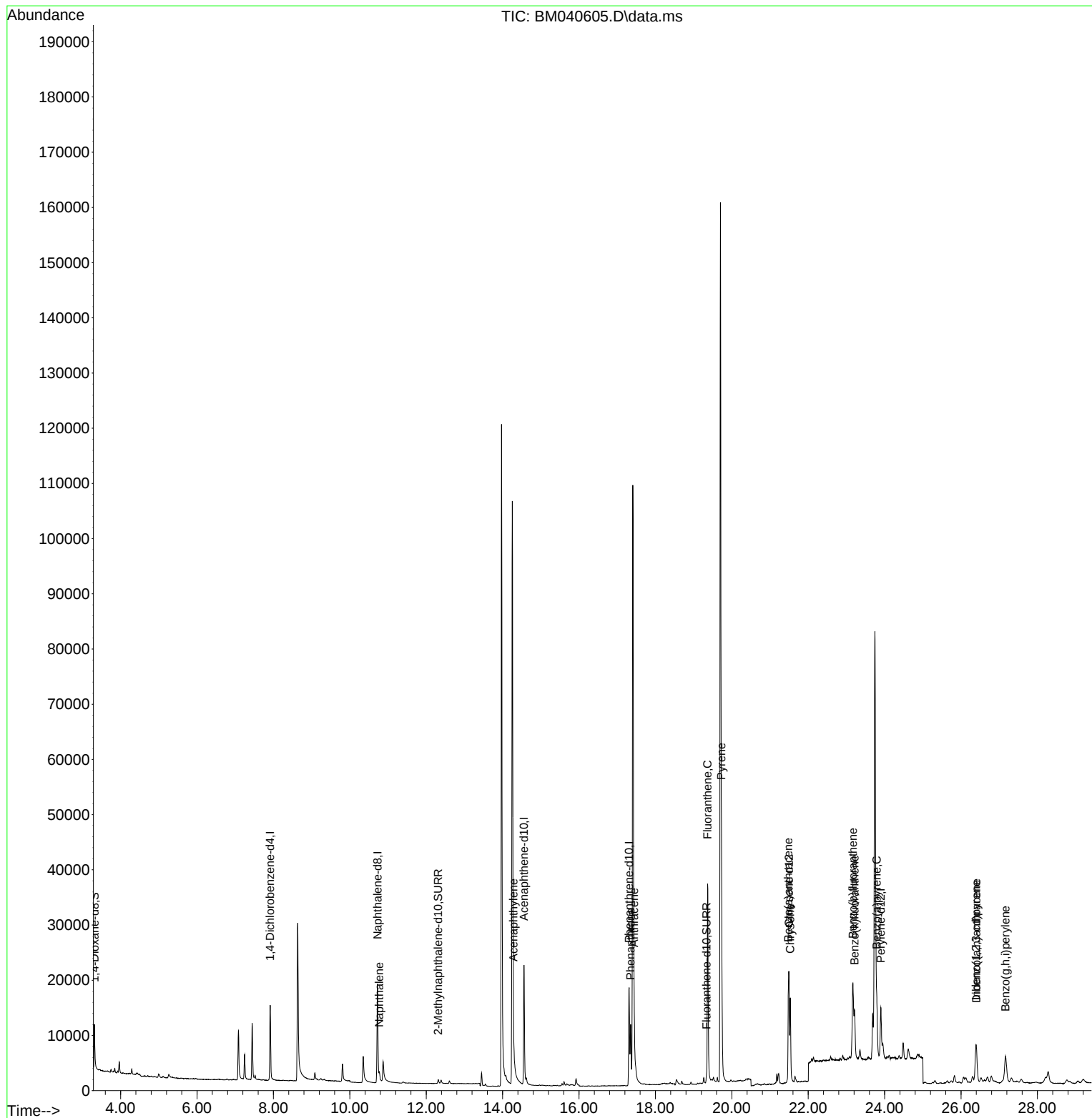
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040605.D
Acq On : 04 Jul 2023 10:20
Operator : MA/JU
Sample : 03243-13DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

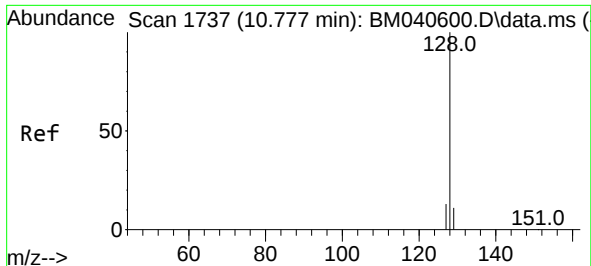
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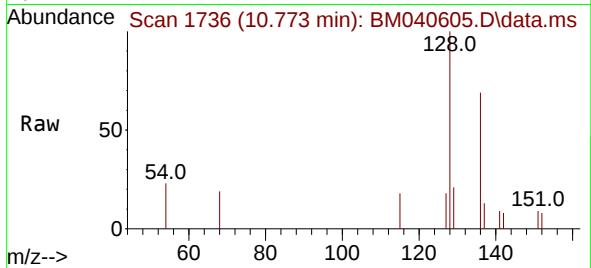
Quant Time: Jul 05 01:17:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.773 min Scan# 1736
Delta R.T. -0.011 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

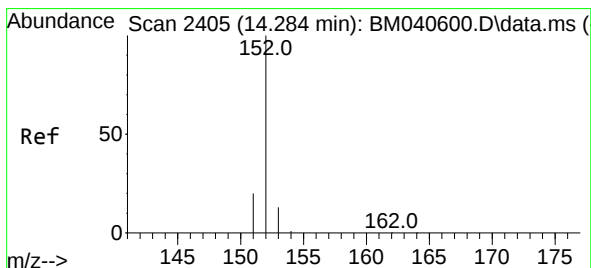
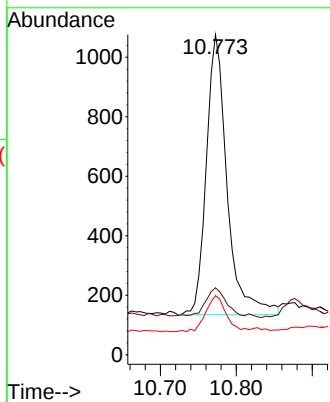
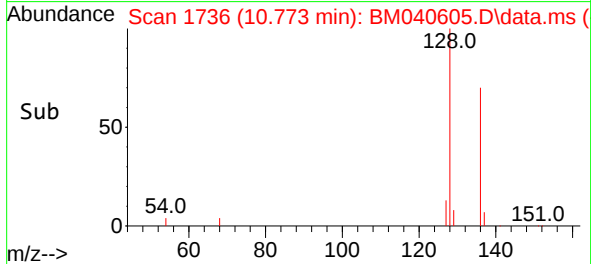
Instrument :
BNA_M
ClientSampleId :
DCGD3DL



Tgt Ion:128 Resp: 1792
Ion Ratio Lower Upper
128 100
129 20.9 9.2 13.8#
127 18.5 10.6 15.8#

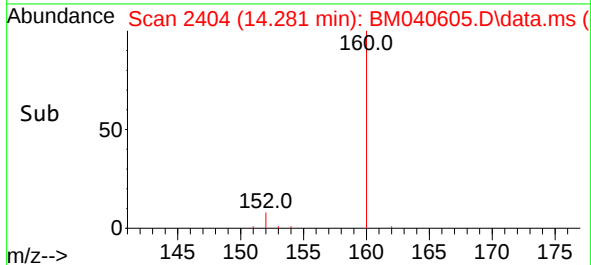
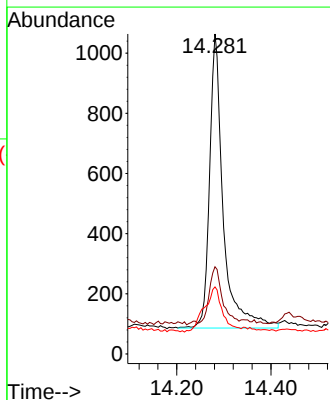
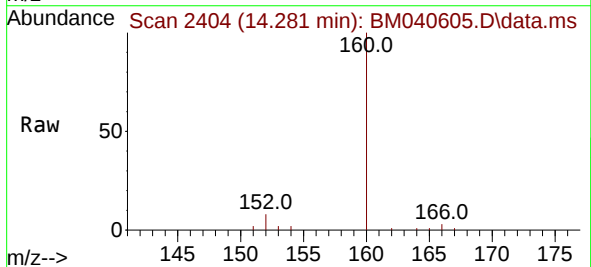
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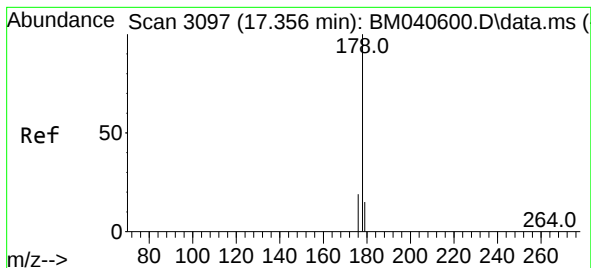
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.033 ng/ul
RT: 14.281 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

Tgt Ion:152 Resp: 1967
Ion Ratio Lower Upper
152 100
151 27.3 16.2 24.2#
153 21.0 10.9 16.3#





#15

Phenanthrene

Concen: 0.166 ng/ul

RT: 17.349 min Scan# 3095

Delta R.T. -0.013 min

Lab File: BM040605.D

Acq: 04 Jul 2023 10:20

Instrument :

BNA_M

ClientSampleId :

DCGD3DL

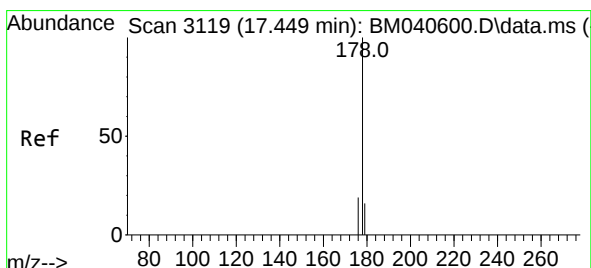
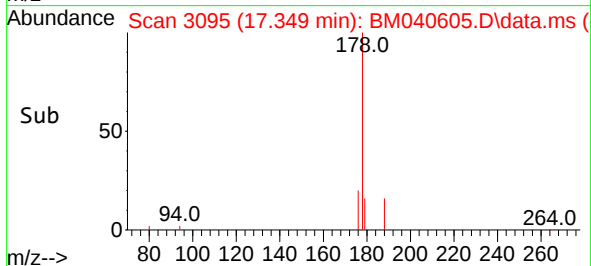
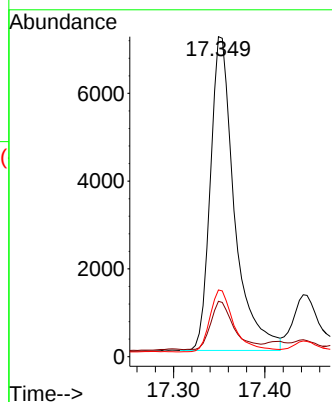
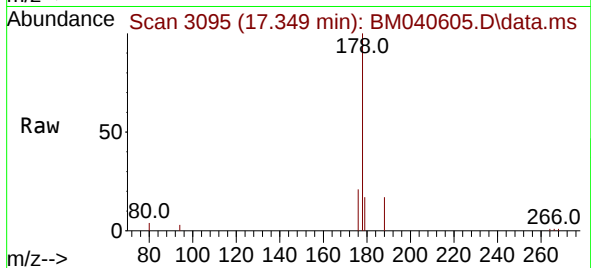
Tgt Ion:	178	Resp:	1311
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.8	19.2
176	20.8	16.4	24.6

Manual Integrations

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#16

Anthracene

Concen: 0.023 ng/ul

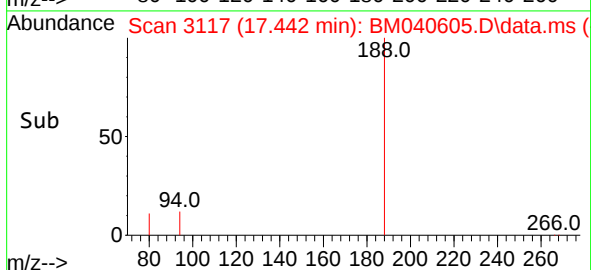
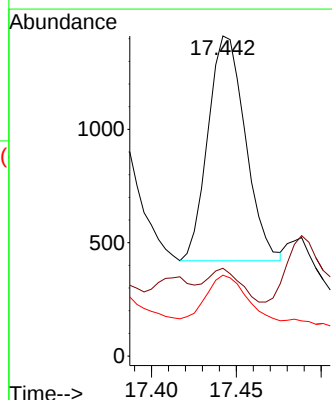
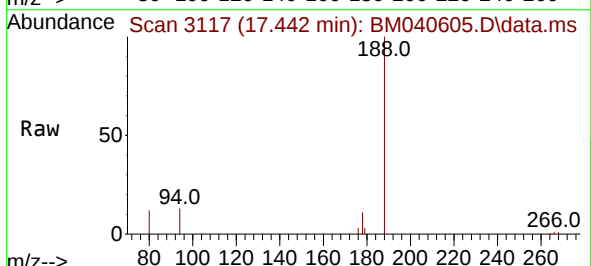
RT: 17.442 min Scan# 3117

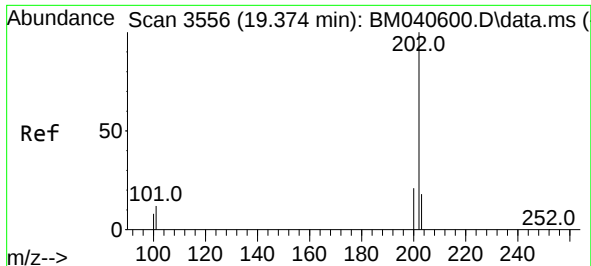
Delta R.T. -0.013 min

Lab File: BM040605.D

Acq: 04 Jul 2023 10:20

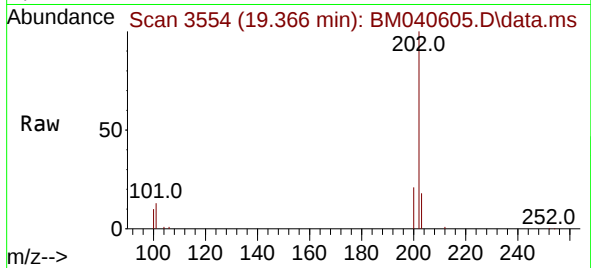
Tgt Ion:	178	Resp:	1522
Ion Ratio	Lower	Upper	
178	100		
179	27.4	12.9	19.3#
176	25.3	15.8	23.6#





#19
Fluoranthene
Concen: 0.577 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

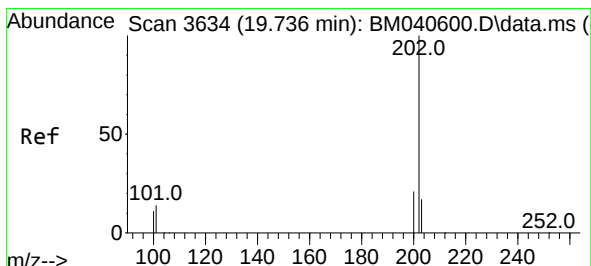
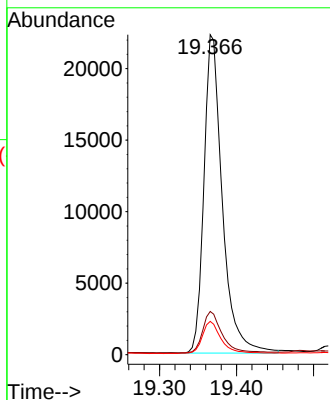
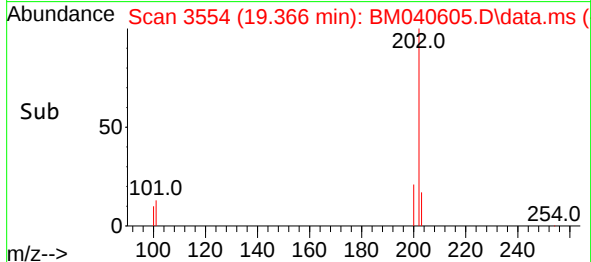
Instrument :
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ClientSampleId :
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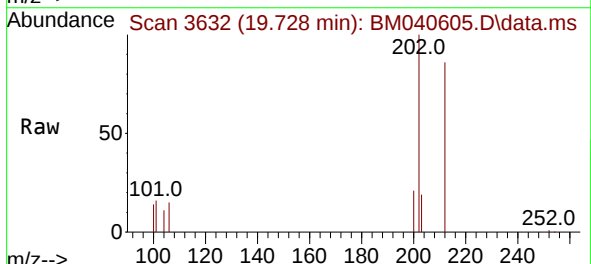
Tgt Ion:202 Resp: 36980
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.4 8.7 13.1

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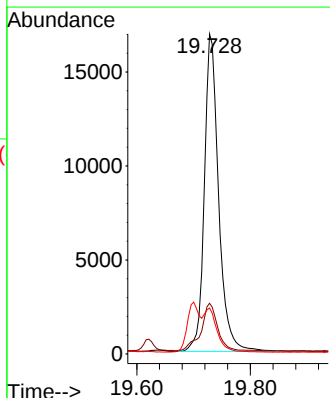
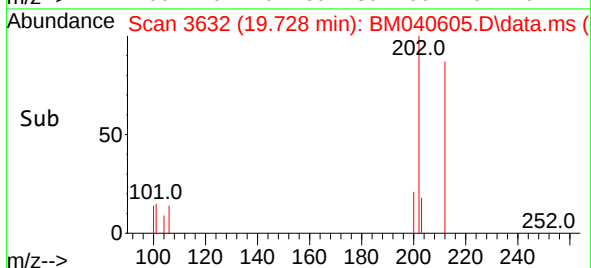
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

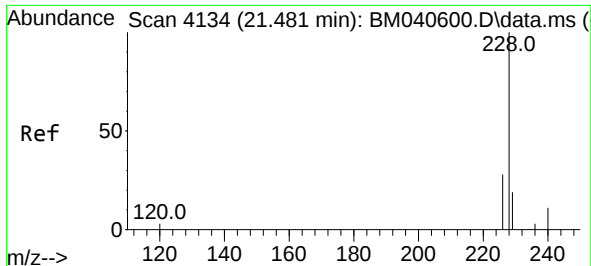


#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20



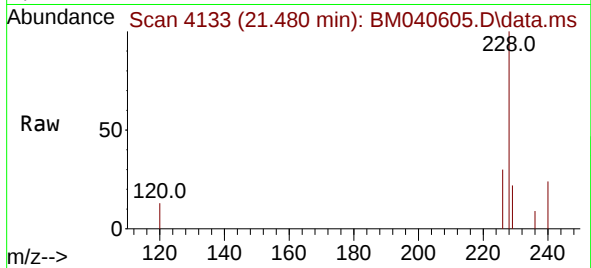
Tgt Ion:202 Resp: 29456
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 14.4 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.303 ng/u1
RT: 21.480 min Scan# 4134
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

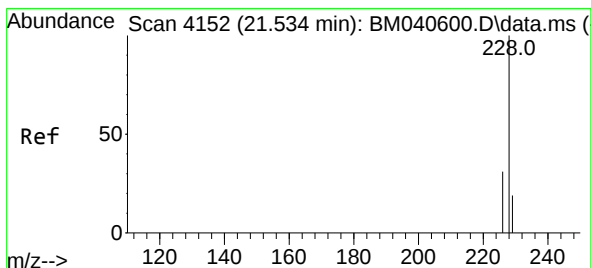
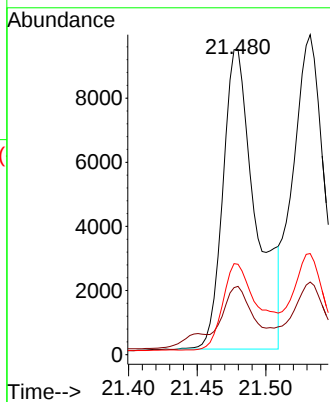
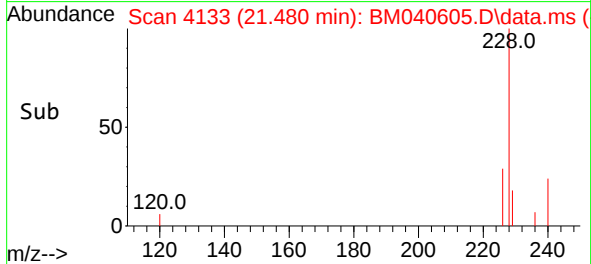
Instrument :
BNA_M
ClientSampleId :
DCGD3DL



Tgt Ion:228 Resp: 1545
Ion Ratio Lower Upper
228 100
229 22.4 16.0 24.0
226 29.6 22.3 33.5

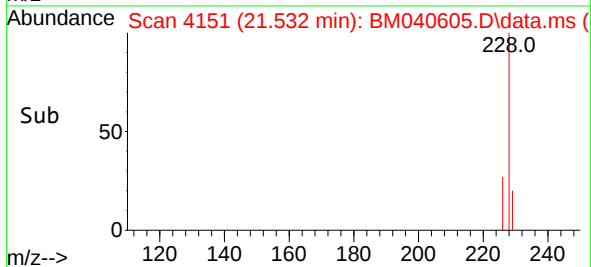
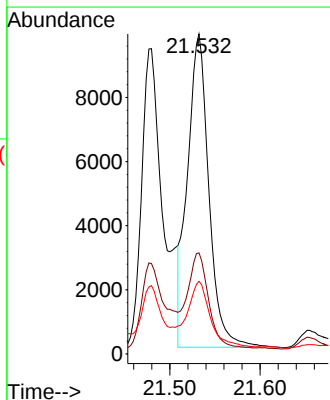
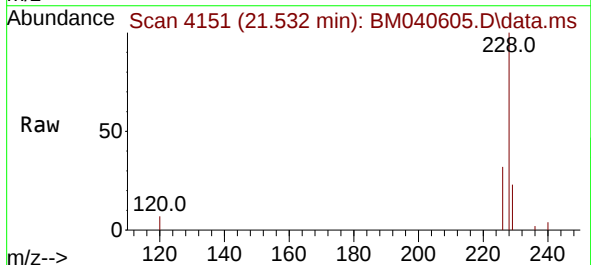
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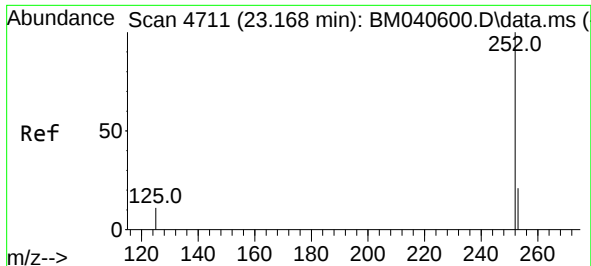
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.276 ng/u1
RT: 21.532 min Scan# 4151
Delta R.T. -0.009 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

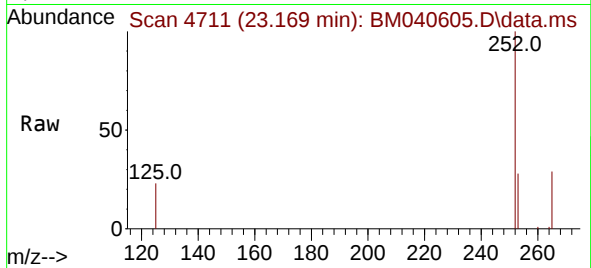
Tgt Ion:228 Resp: 16078
Ion Ratio Lower Upper
228 100
226 31.6 24.9 37.3
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.481 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

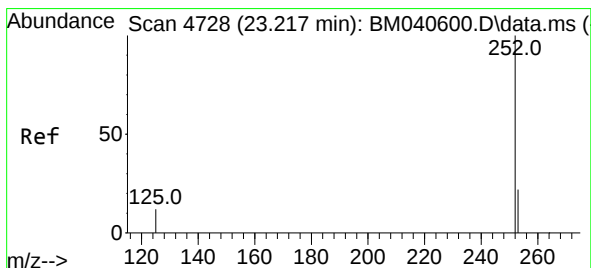
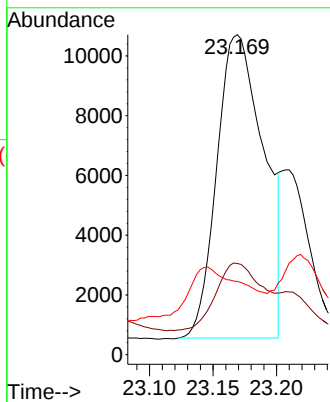
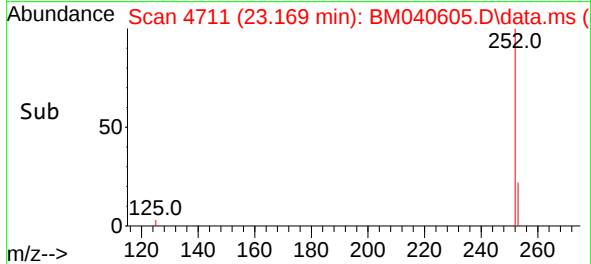
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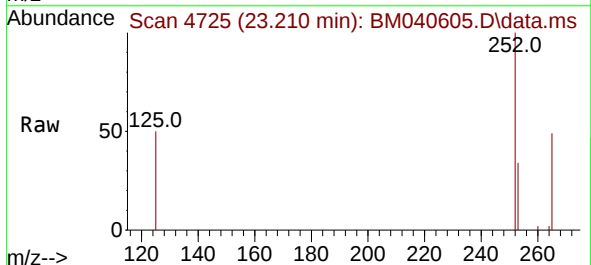
Tgt Ion:252 Resp: 26109
Ion Ratio Lower Upper
252 100
253 28.5 0.0 52.8
125 22.9 0.0 43.0

Manual Integrations
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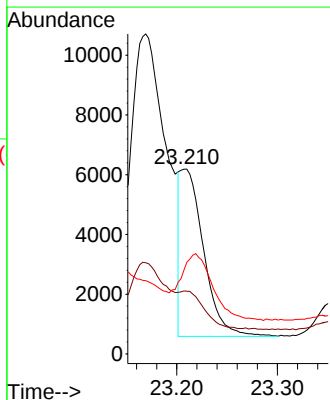
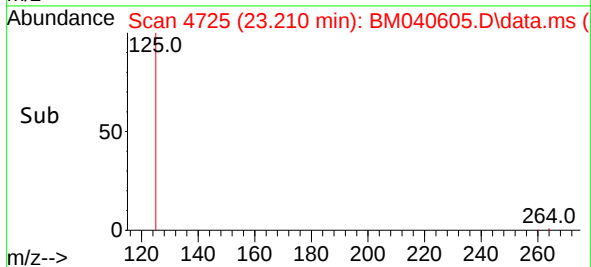
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Supervised By :mohammad ahmed 07/05/2023

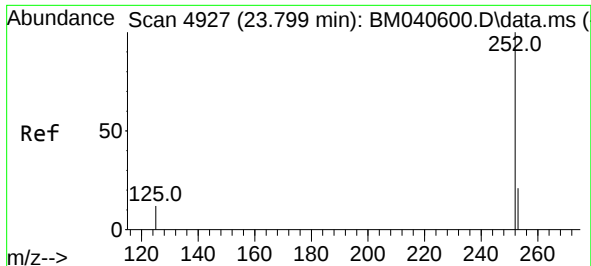


#25
Benzo(k)fluoranthene
Concen: 0.168 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20



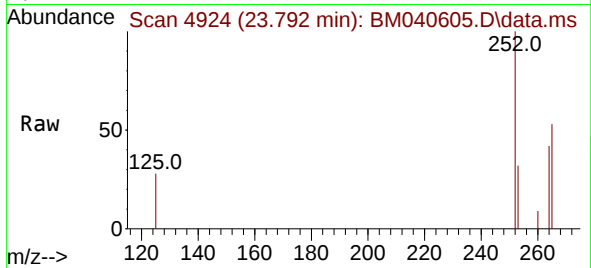
Tgt Ion:252 Resp: 8983
Ion Ratio Lower Upper
252 100
253 34.0 21.2 31.8#
125 49.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.292 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

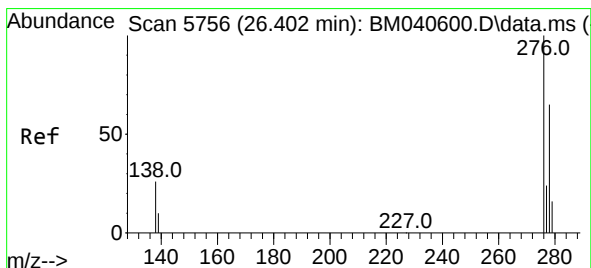
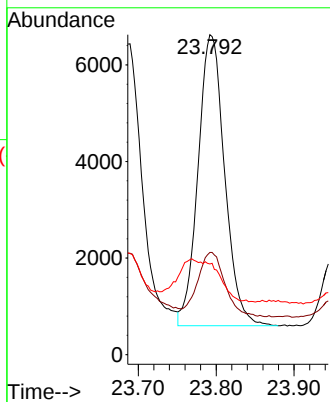
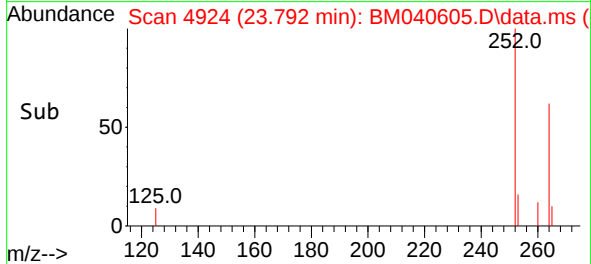
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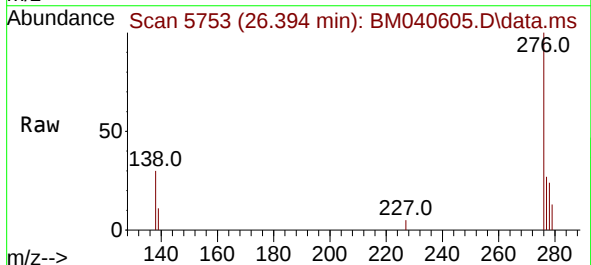
Tgt Ion:252 Resp: 1430
Ion Ratio Lower Upper
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253 31.9 22.9 34.3
125 28.4 21.0 31.4

Manual Integrations
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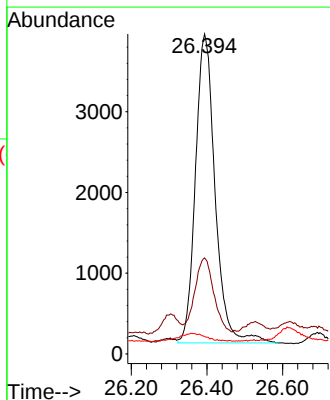
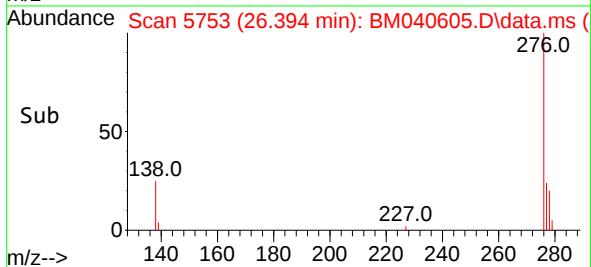
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

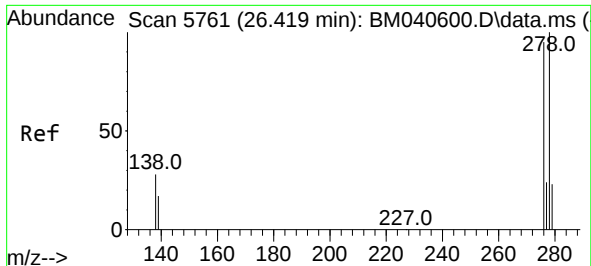


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.202 ng/ul
RT: 26.394 min Scan# 5753
Delta R.T. -0.024 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20



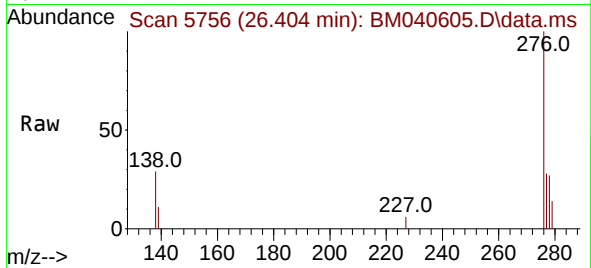
Tgt Ion:276 Resp: 13770
Ion Ratio Lower Upper
276 100
138 23.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.027 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20

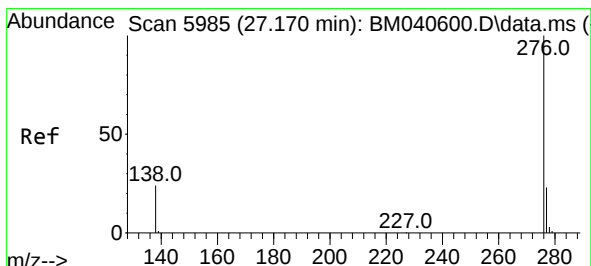
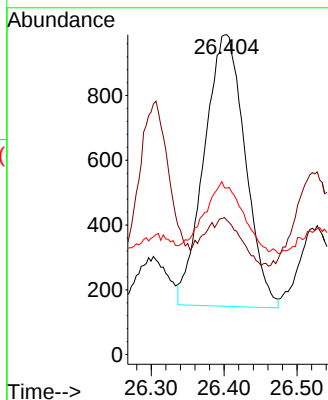
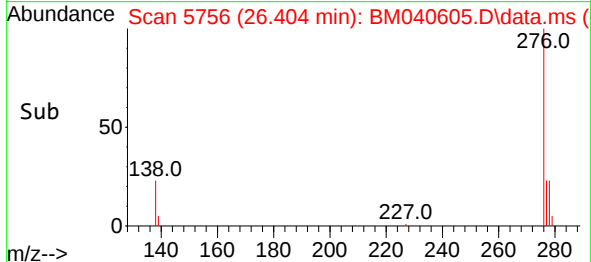
Instrument :
BNA_M
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DCGD3DL



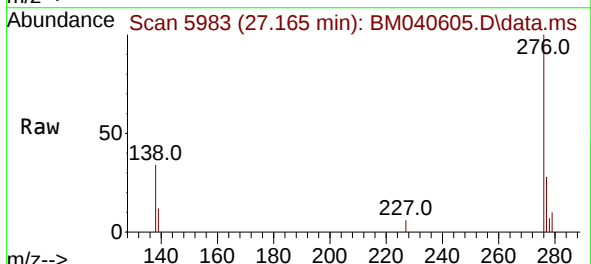
Tgt Ion: 278 Resp: 3270
Ion Ratio Lower Upper
278 100
139 42.0 17.9 26.9
279 52.0 22.0 33.0

Manual Integrations
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Supervised By : mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.207 ng/ul
RT: 27.165 min Scan# 5983
Delta R.T. -0.017 min
Lab File: BM040605.D
Acq: 04 Jul 2023 10:20



Tgt Ion: 276 Resp: 12385
Ion Ratio Lower Upper
276 100
138 34.0 23.0 34.6
277 27.6 20.3 30.5

