

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040604.D
 Acq On : 04 Jul 2023 09:43
 Operator : MA/JU
 Sample : 03243-12DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGD2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 01:17:15 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	9027	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	33667	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.558	164	15277	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.311	188	28357	0.400	ng/ul	0.00
17) Chrysene-d12	21.494	240	16294	0.400	ng/ul	0.00
23) Perylene-d12	23.900	264	15633	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	7222	0.509	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.312	152	1861	0.039	ng/ul	-0.01
18) Fluoranthene-d10	19.338	212	2613	0.050	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.281	152	5080	0.074	ng/ul#	93
11) Acenaphthene	14.623	153	1327	0.023	ng/ul	98
15) Phenanthrene	17.349	178	25025	0.284	ng/ul	100
16) Anthracene	17.442	178	7393	0.100	ng/ul#	93
19) Fluoranthene	19.366	202	68725	0.993	ng/ul	98
20) Pyrene	19.728	202	54285	0.732	ng/ul	98
21) Benzo(a)anthracene	21.477	228	32221	0.585	ng/ul	97
22) Chrysene	21.529	228	30148	0.480	ng/ul	97
24) Benzo(b)fluoranthene	23.166	252	48238	0.797	ng/ul	96
25) Benzo(k)fluoranthene	23.210	252	16295m	0.273	ng/ul	
26) Benzo(a)pyrene	23.792	252	27490	0.504	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.393	276	24734	0.326	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.400	278	6246	0.105	ng/ul#	76
29) Benzo(g,h,i)perylene	27.168	276	21733	0.327	ng/ul	99

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

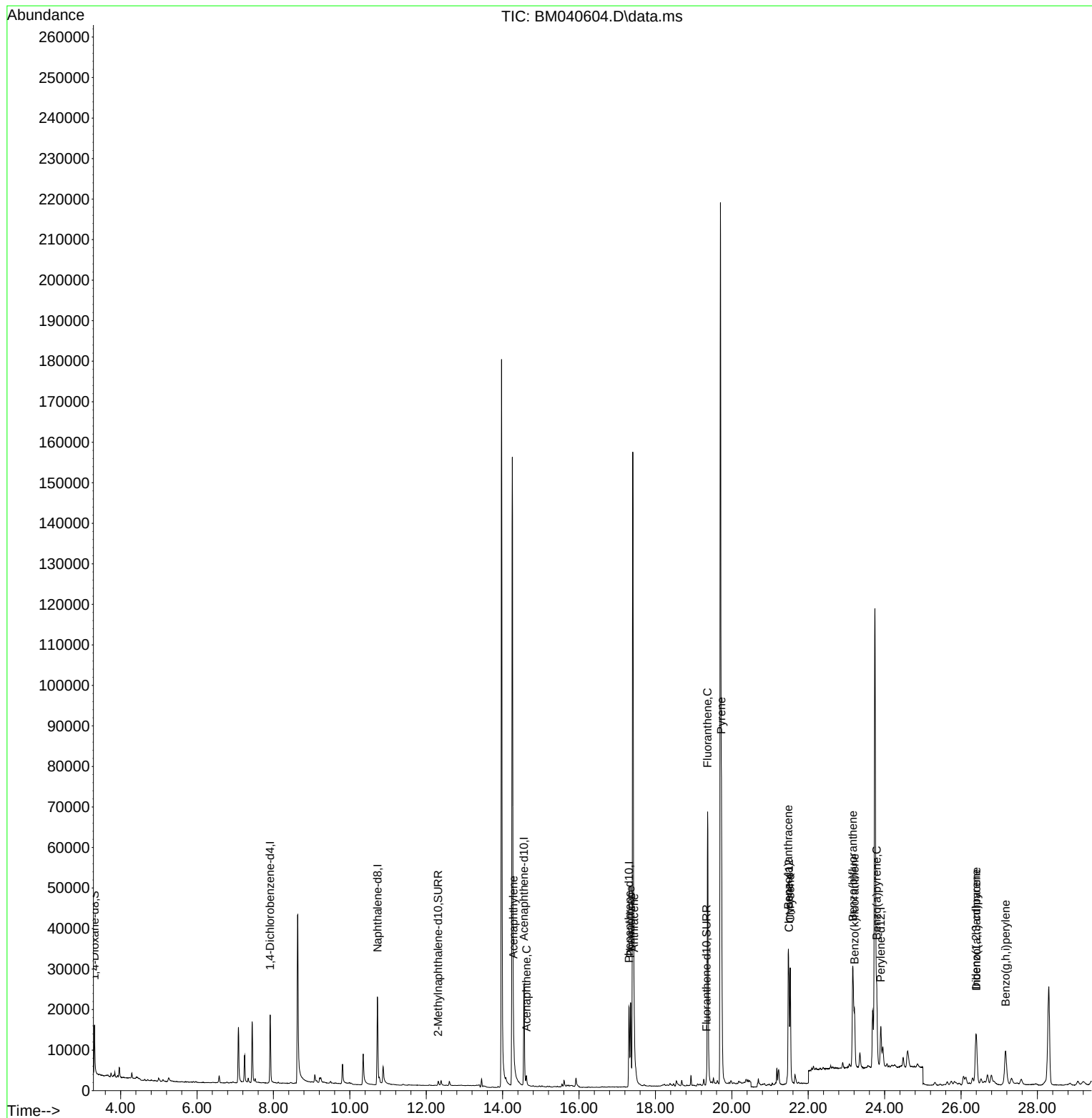
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040604.D
Acq On : 04 Jul 2023 09:43
Operator : MA/JU
Sample : 03243-12DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

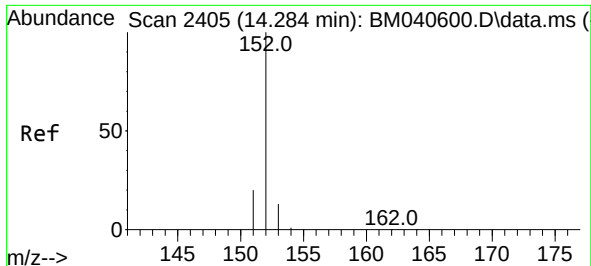
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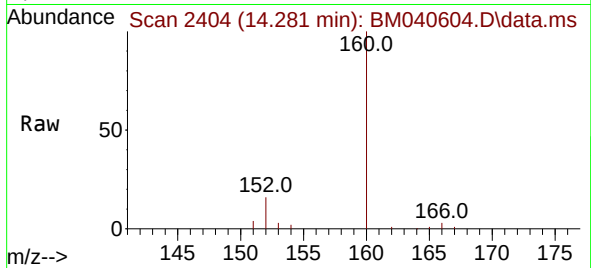
Quant Time: Jul 05 01:17:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
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#10
Acenaphthylene
Concen: 0.074 ng/u1
RT: 14.281 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

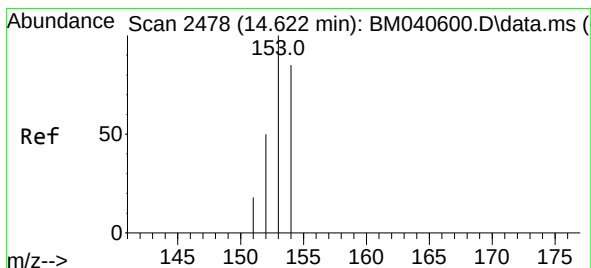
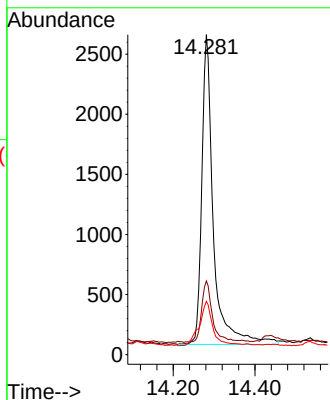
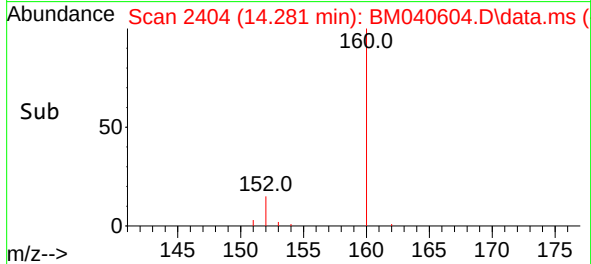
Instrument :
BNA_M
ClientSampleId :
DCGD2DL



Tgt Ion:152 Resp: 5080
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 16.6 10.9 16.3

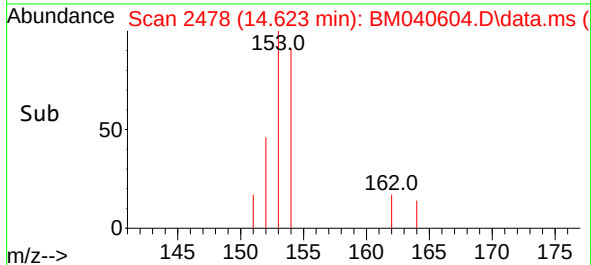
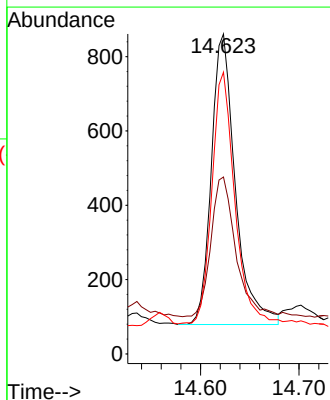
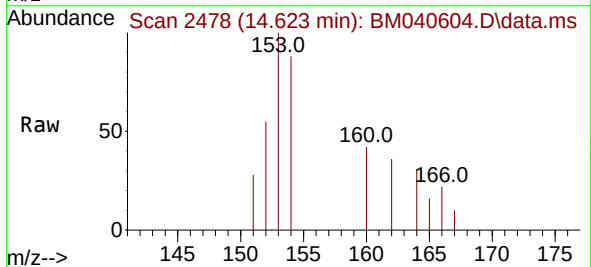
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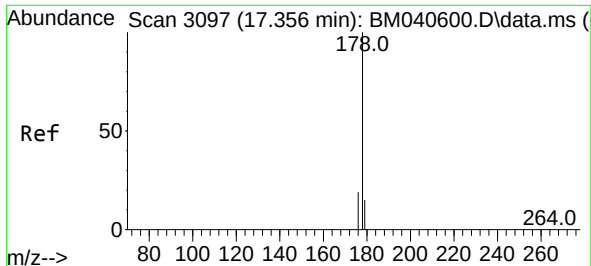
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.623 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

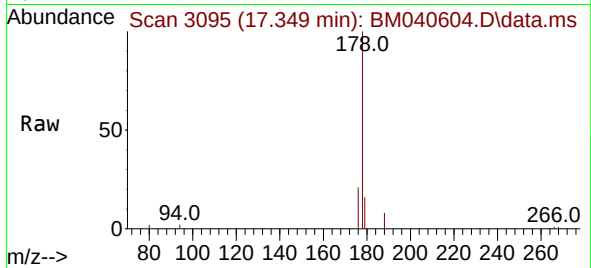
Tgt Ion:153 Resp: 1327
Ion Ratio Lower Upper
153 100
152 55.3 41.0 61.4
154 88.0 70.8 106.2





#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.013 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

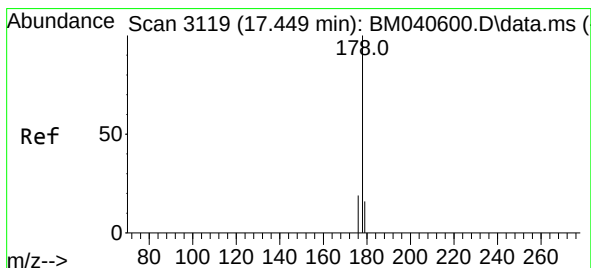
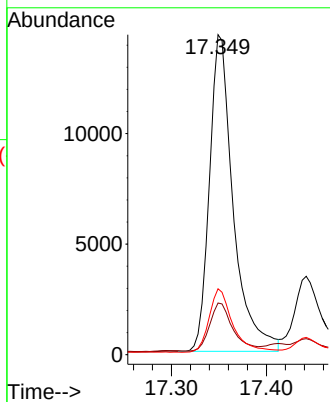
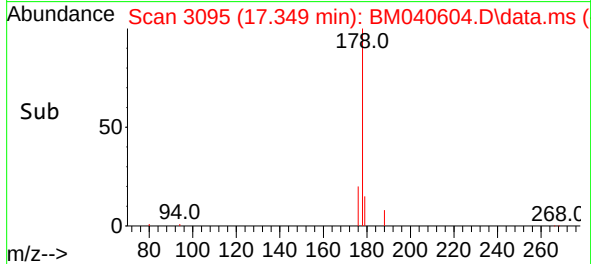
Instrument :
BNA_M
ClientSampleId :
DCGD2DL



Tgt Ion:178 Resp: 2502
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 20.6 16.4 24.6

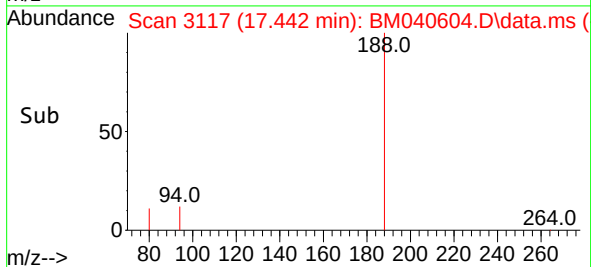
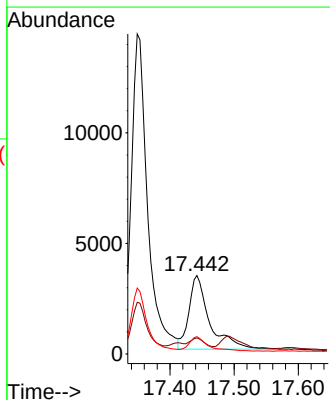
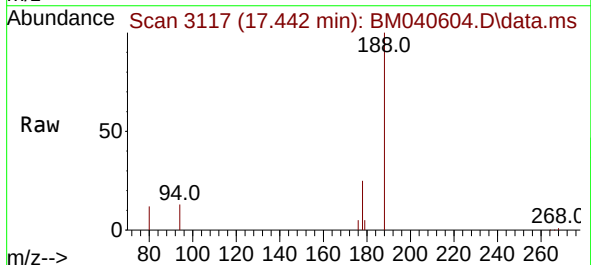
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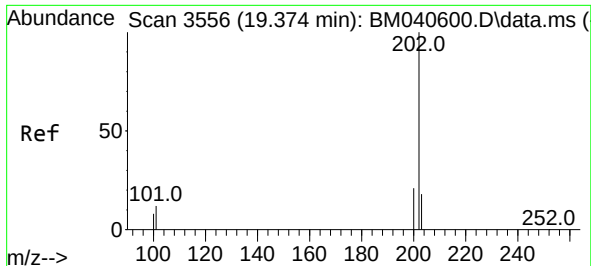
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.442 min Scan# 3117
Delta R.T. -0.013 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

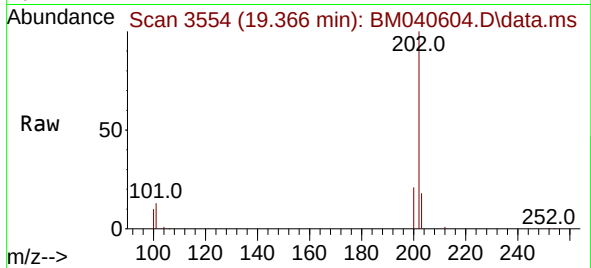
Tgt Ion:178 Resp: 7393
Ion Ratio Lower Upper
178 100
179 20.5 12.9 19.3#
176 22.0 15.8 23.6





#19
Fluoranthene
Concen: 0.993 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.014 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

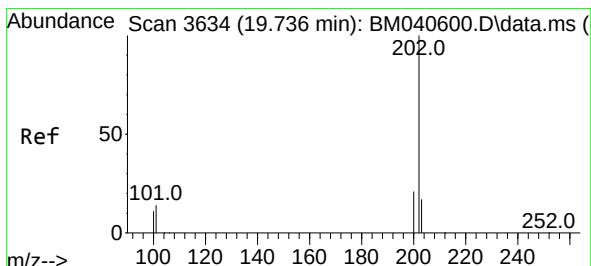
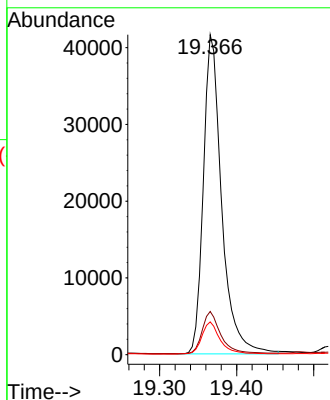
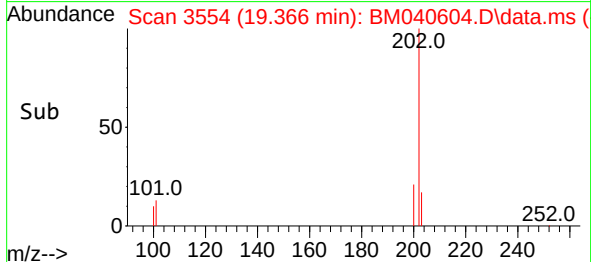
Instrument :
BNA_M
ClientSampleId :
DCGD2DL



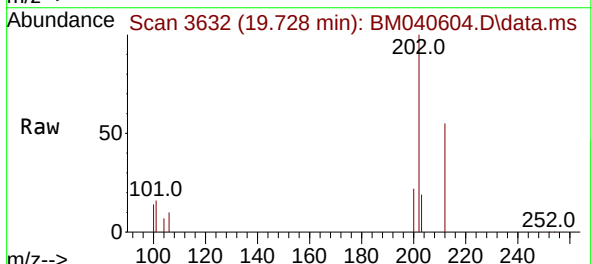
Tgt Ion:202 Resp: 68725
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 10.2 8.7 13.1

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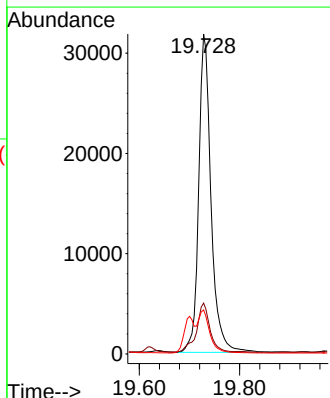
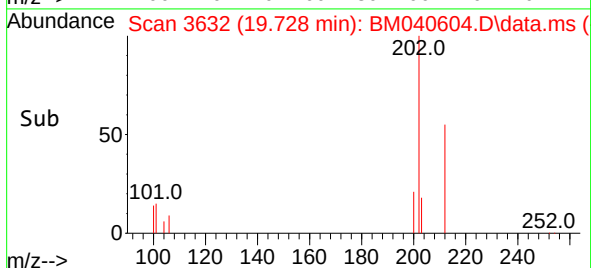
Reviewed By :Yogesh Patel 07/05/2023
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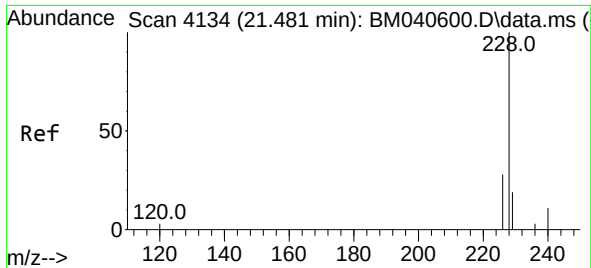


#20
Pyrene
Concen: 0.732 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.014 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43



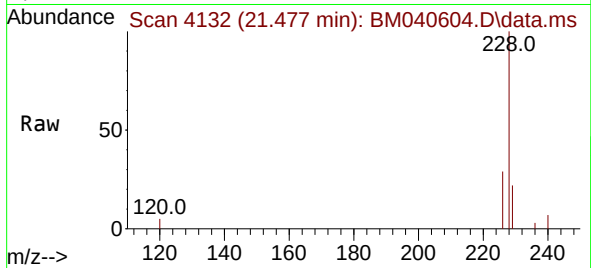
Tgt Ion:202 Resp: 54285
Ion Ratio Lower Upper
202 100
101 15.9 12.6 18.8
100 13.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.585 ng/u1
RT: 21.477 min Scan# 4132
Delta R.T. -0.012 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

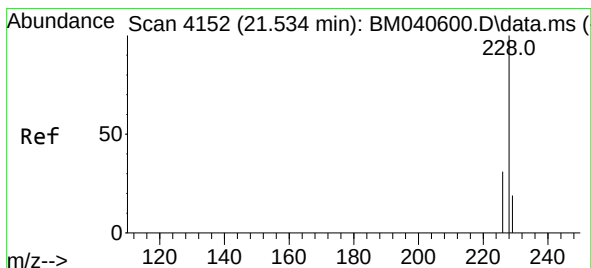
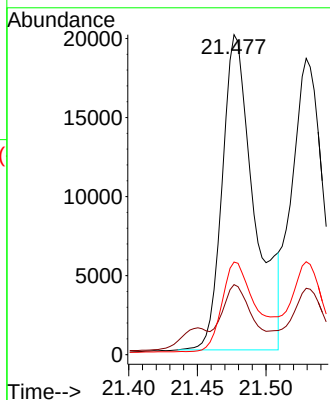
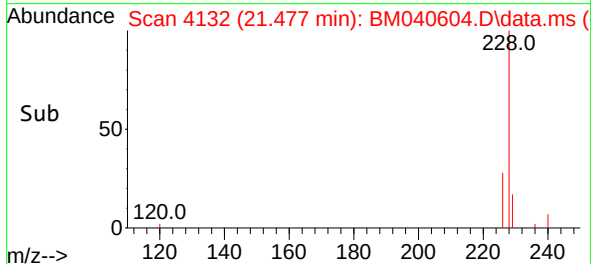
Instrument :
BNA_M
ClientSampleId :
DCGD2DL



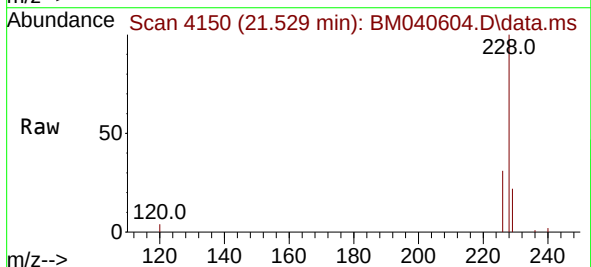
Tgt Ion:228 Resp: 3222
Ion Ratio Lower Upper
228 100
229 21.9 16.0 24.0
226 29.0 22.3 33.5

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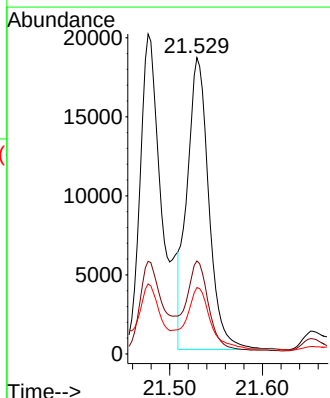
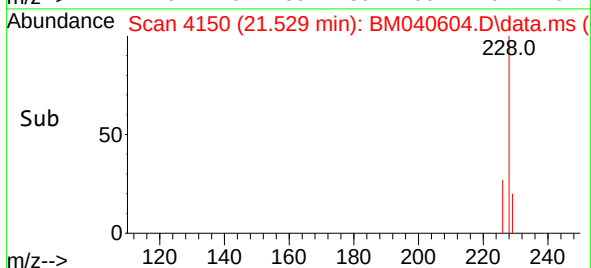
Reviewed By :Yogesh Patel 07/05/2023
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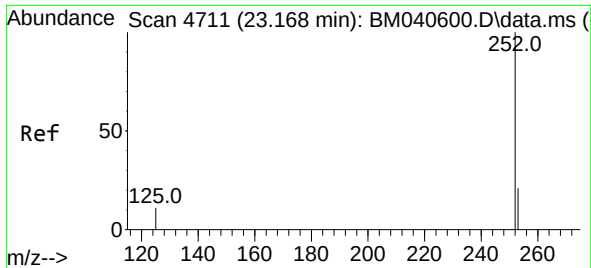


#22
Chrysene
Concen: 0.480 ng/u1
RT: 21.529 min Scan# 4150
Delta R.T. -0.012 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43



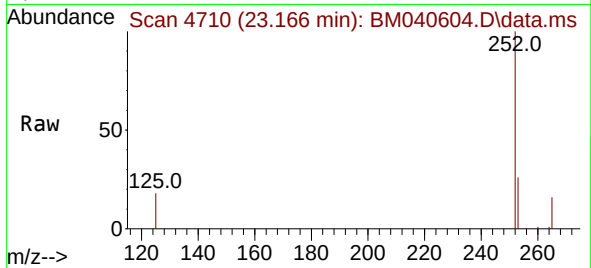
Tgt Ion:228 Resp: 30148
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.797 ng/ul
RT: 23.166 min Scan# 4711
Delta R.T. -0.015 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

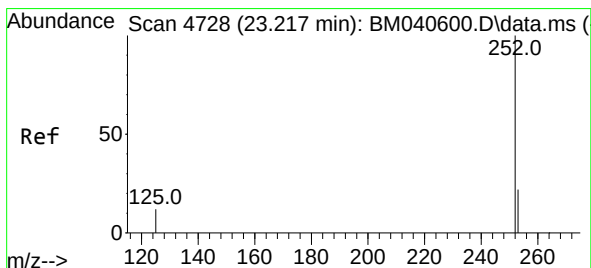
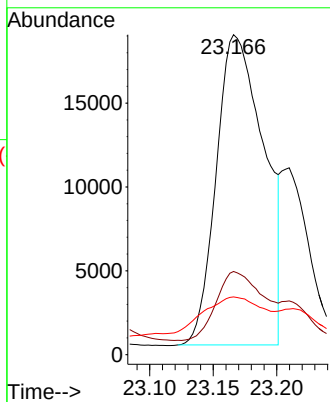
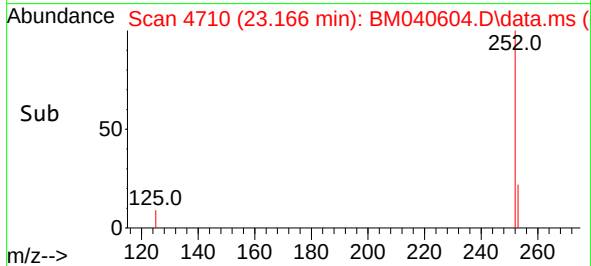
Instrument :
BNA_M
ClientSampleId :
DCGD2DL



Tgt Ion:252 Resp: 48238
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 18.1 0.0 43.0

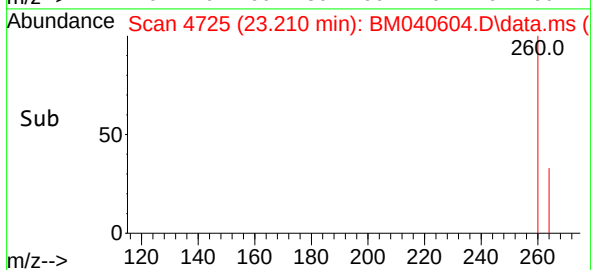
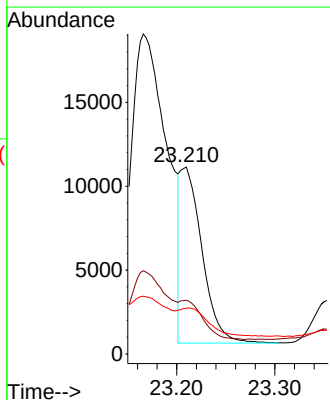
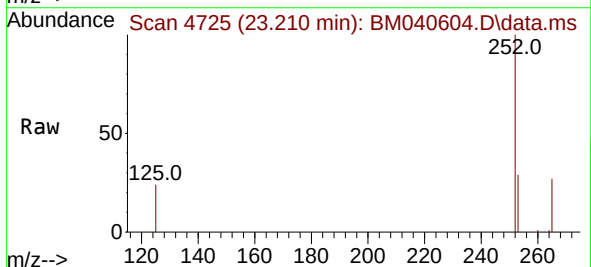
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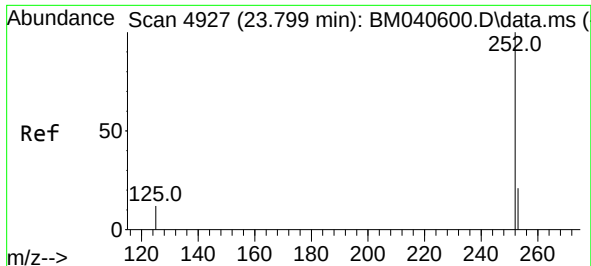
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 0.273 ng/ul m
RT: 23.210 min Scan# 4725
Delta R.T. -0.015 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

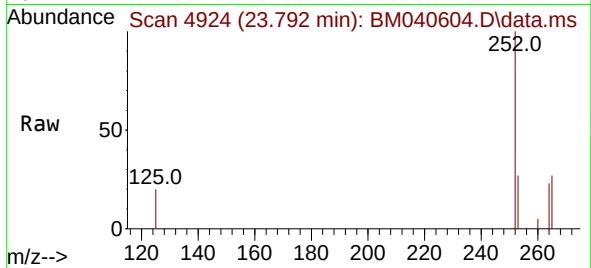
Tgt Ion:252 Resp: 16295
Ion Ratio Lower Upper
252 100
253 28.8 21.2 31.8
125 24.4 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.504 ng/ul
RT: 23.792 min Scan# 4924
Delta R.T. -0.012 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43

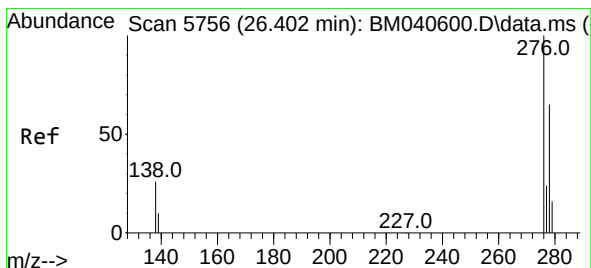
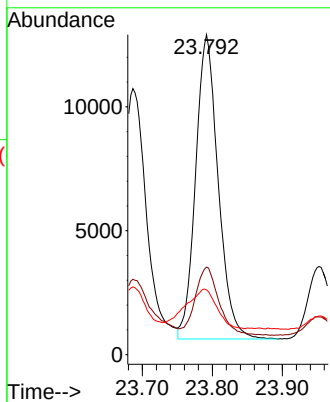
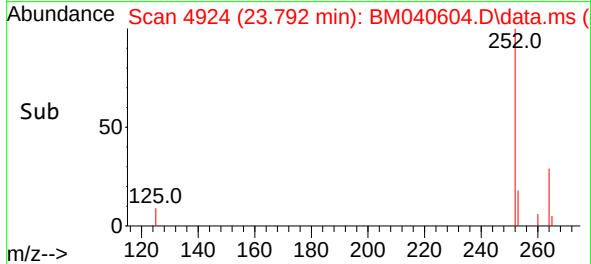
Instrument :
BNA_M
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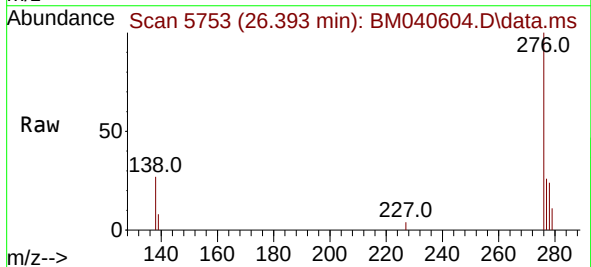
Tgt Ion:252 Resp: 27490
Ion Ratio Lower Upper
252 100
253 27.3 22.9 34.3
125 20.3 21.0 31.4

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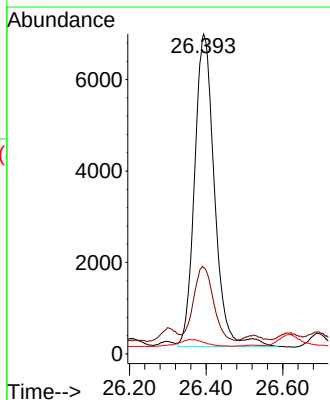
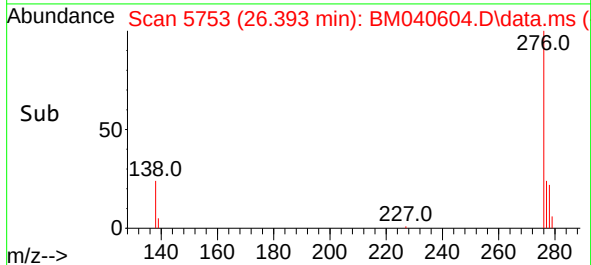
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

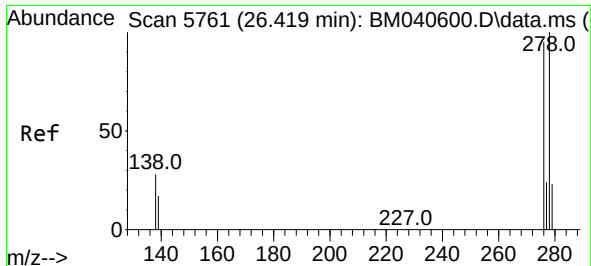


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.393 min Scan# 5753
Delta R.T. -0.024 min
Lab File: BM040604.D
Acq: 04 Jul 2023 09:43



Tgt Ion:276 Resp: 24734
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: 0.105 ng/ul

RT: 26.400 min Scan# 51

Delta R.T. -0.030 min

Lab File: BM040604.D

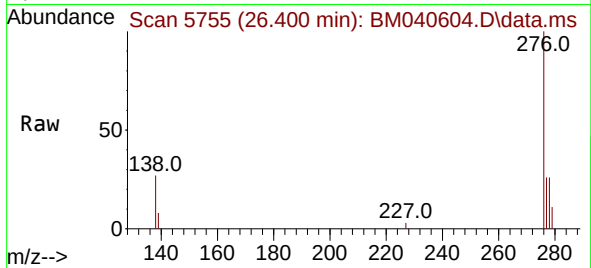
Acq: 04 Jul 2023 09:43

Instrument :

BNA_M

ClientSampleId :

DCGD2DL



Tgt Ion:278 Resp: 6240

Ion Ratio Lower Upper

278 100

139 31.7 17.9 26.9

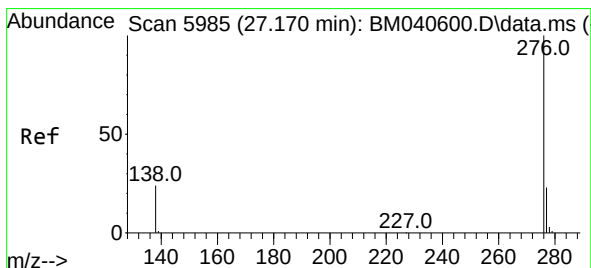
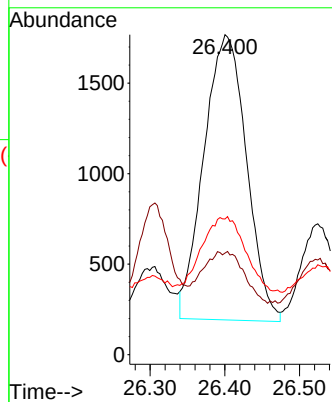
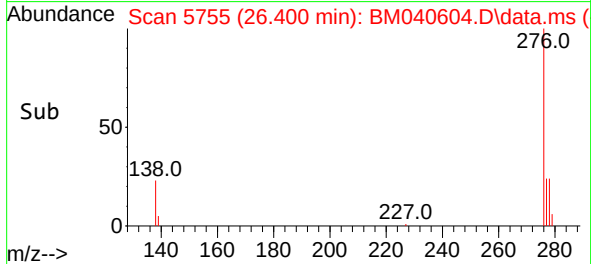
279 42.4 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29

Benzo(g,h,i)perylene

Concen: 0.327 ng/ul

RT: 27.168 min Scan# 5984

Delta R.T. -0.014 min

Lab File: BM040604.D

Acq: 04 Jul 2023 09:43

Tgt Ion:276 Resp: 21733

Ion Ratio Lower Upper

276 100

138 29.2 23.0 34.6

277 25.6 20.3 30.5

