

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046303.D
 Acq On : 25 Jun 2024 22:11
 Operator : MA/JU
 Sample : P2844-05DL 5X
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C83DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 26 00:01:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 25 08:04:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.401	152	2756	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	8180	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.054	164	4608	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.808	188	9141	0.400	ng/ul	-0.05
17) Chrysene-d12	21.012	240	7548	0.400	ng/ul	-0.01
23) Perylene-d12	23.092	264	8560m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2453	0.649	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.828	152	531	0.048	ng/ul	-0.04
18) Fluoranthene-d10	18.840	212	1225	0.054	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.771	152	676	0.031	ng/ul#	54
15) Phenanthrene	16.846	178	3830	0.149	ng/ul	95
16) Anthracene	16.939	178	821	0.043	ng/ul#	63
19) Fluoranthene	18.868	202	10755	0.329	ng/ul	100
20) Pyrene	19.225	202	9490	0.269	ng/ul#	94
21) Benzo(a)anthracene	20.994	228	4326	0.148	ng/ul#	87
22) Chrysene	21.047	228	4831	0.130	ng/ul#	91
24) Benzo(b)fluoranthene	22.481	252	7415m	0.240	ng/ul	
25) Benzo(k)fluoranthene	22.519	252	3332m	0.091	ng/ul	
26) Benzo(a)pyrene	22.999	252	4737	0.166	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	25.145	276	3916	0.084	ng/ul#	49
28) Dibenzo(a,h)anthracene	25.152	278	743	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	25.762	276	4049	0.101	ng/ul#	75

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

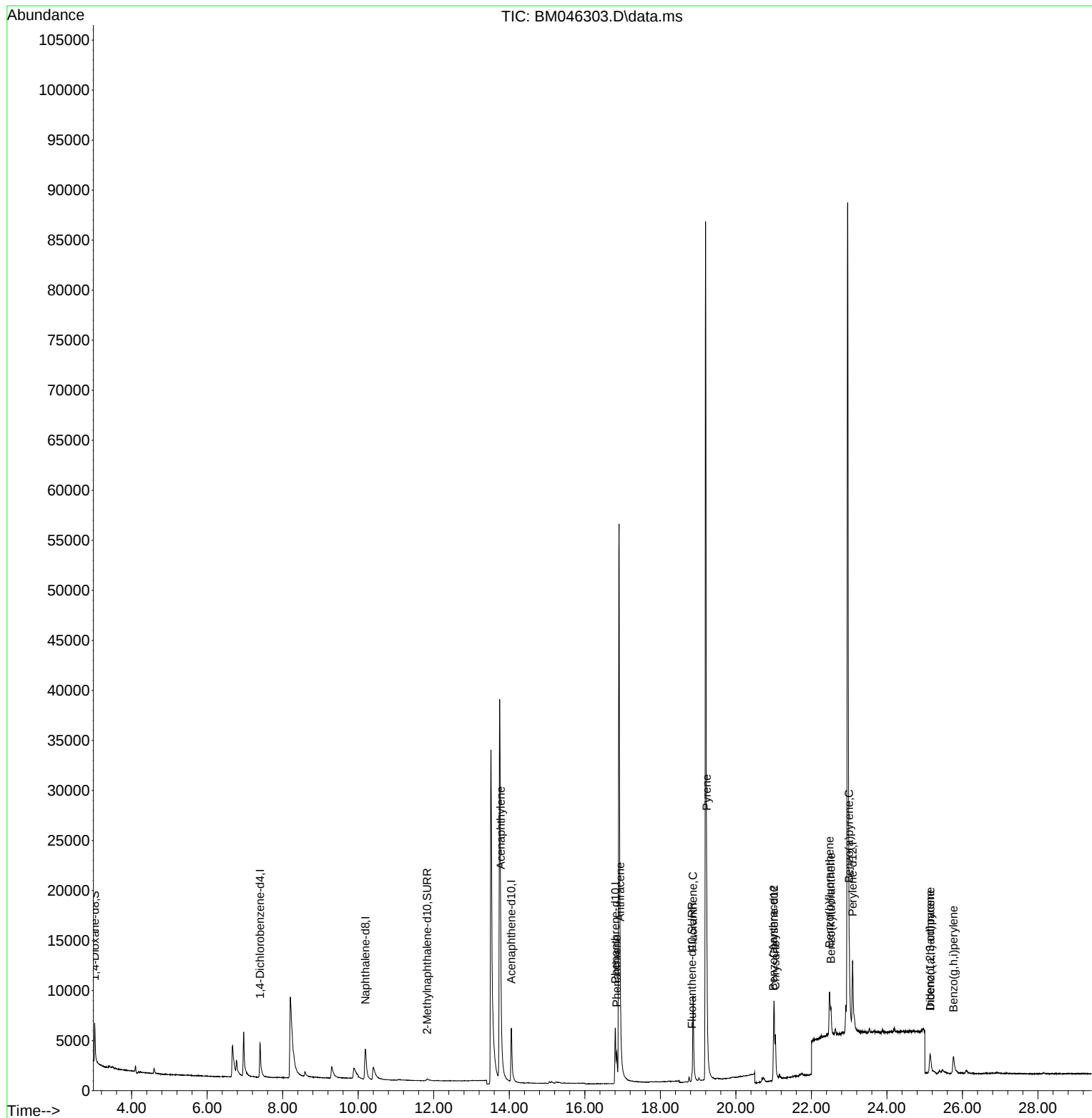
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046303.D
Acq On : 25 Jun 2024 22:11
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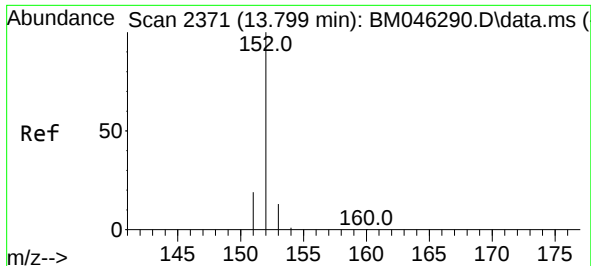
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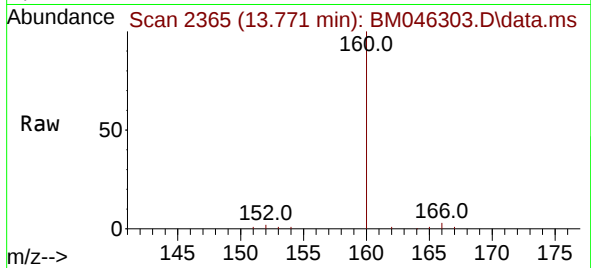
Quant Time: Jun 26 00:01:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
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#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 13.771 min Scan# 21
Delta R.T. -0.046 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

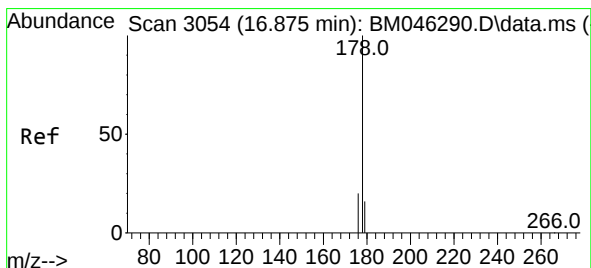
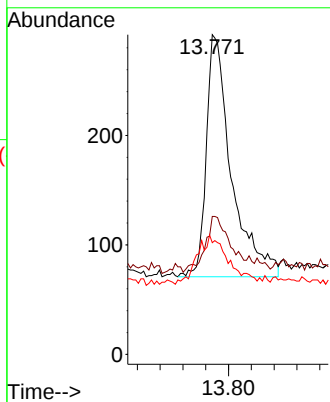
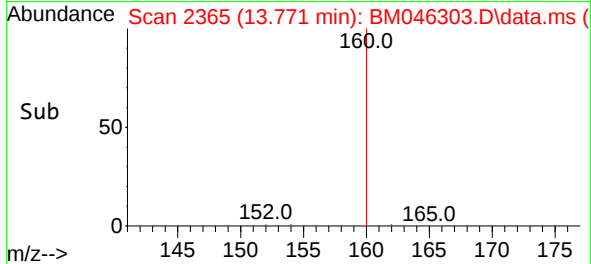
Instrument :
BNA_M
ClientSampleId :
A4C83DL



Tgt Ion:152 Resp: 670
Ion Ratio Lower Upper
152 100
151 43.2 17.4 26.2
153 34.9 11.8 17.8

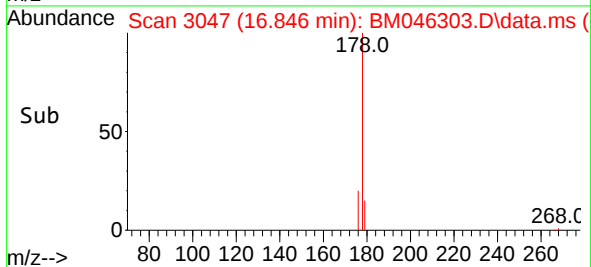
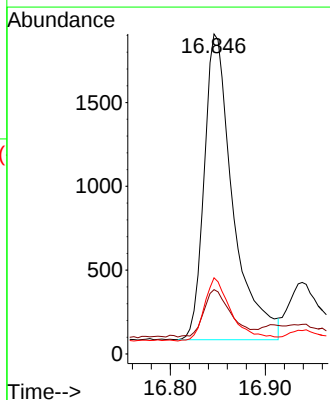
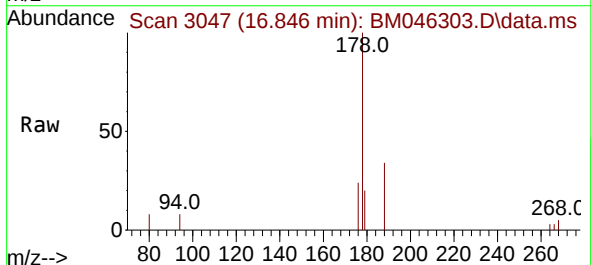
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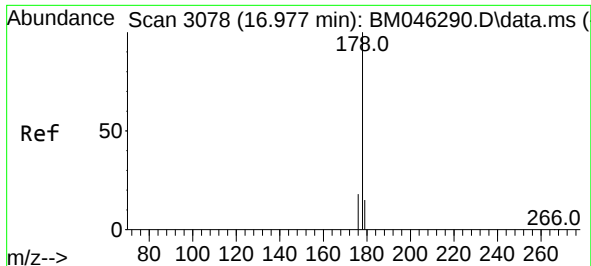
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 16.846 min Scan# 3047
Delta R.T. -0.042 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

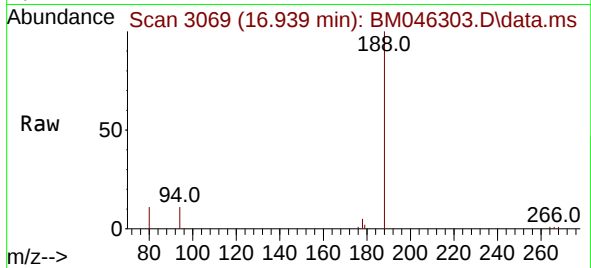
Tgt Ion:178 Resp: 3830
Ion Ratio Lower Upper
178 100
179 20.1 14.2 21.2
176 23.8 17.1 25.7





#16
Anthracene
Concen: 0.043 ng/ul
RT: 16.939 min Scan# 3078
Delta R.T. -0.067 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

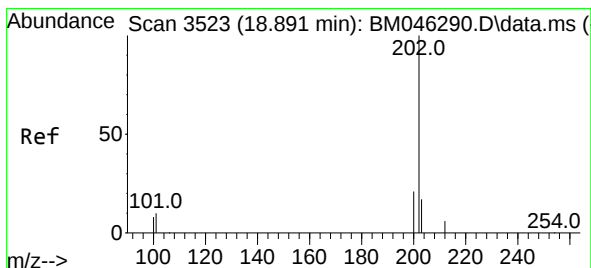
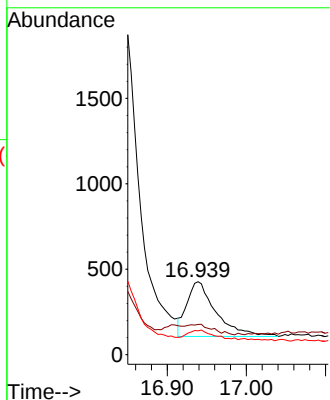
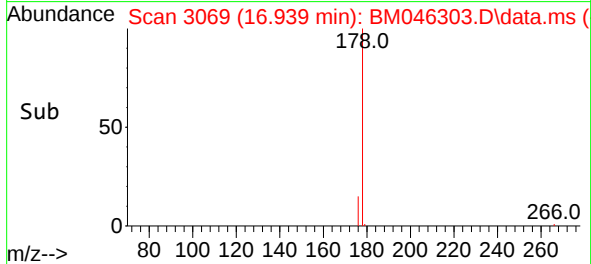
Instrument :
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A4C83DL



Tgt Ion:178 Resp: 82.1
Ion Ratio Lower Upper
178 100
179 41.5 14.9 22.3
176 32.8 17.0 25.4

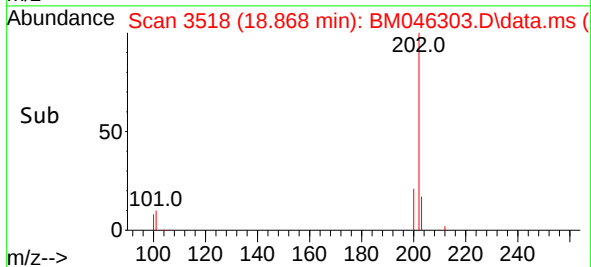
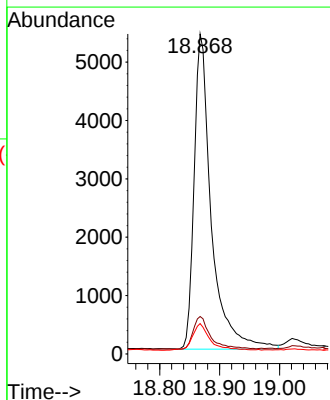
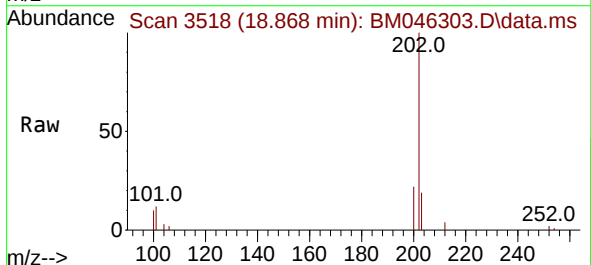
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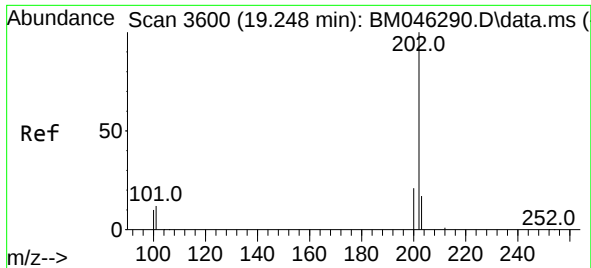
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#19
Fluoranthene
Concen: 0.329 ng/ul
RT: 18.868 min Scan# 3518
Delta R.T. -0.037 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

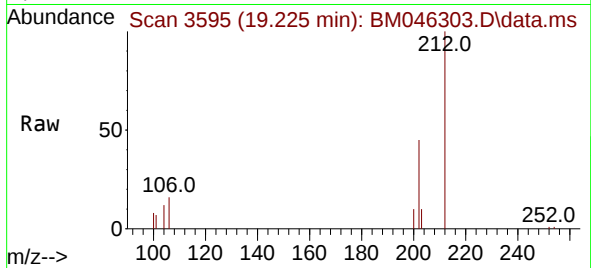
Tgt Ion:202 Resp: 10755
Ion Ratio Lower Upper
202 100
101 11.7 9.6 14.4
100 9.5 7.6 11.4





#20
Pyrene
Concen: 0.269 ng/u1
RT: 19.225 min Scan# 3595
Delta R.T. -0.032 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

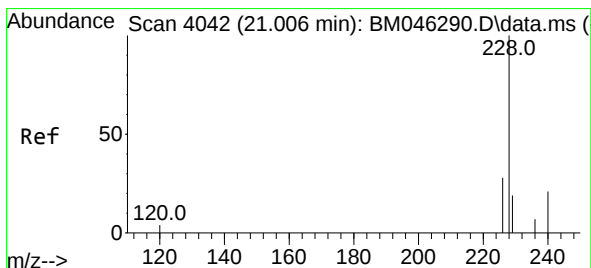
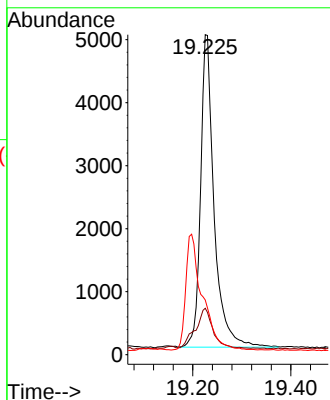
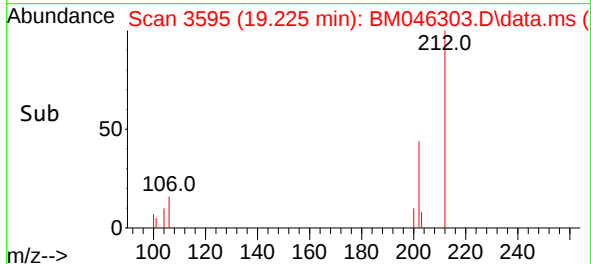
Instrument :
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ClientSampleId :
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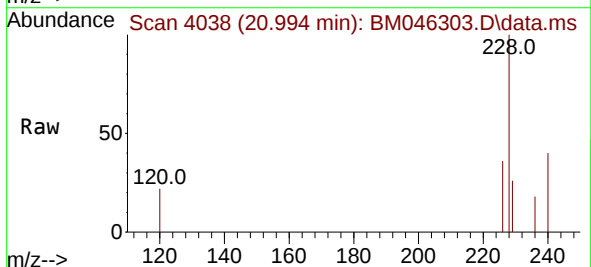
Tgt Ion:202 Resp: 9490
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 17.1 9.8 14.6

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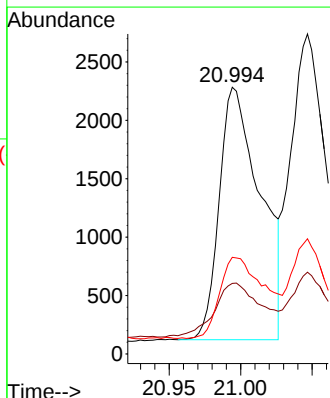
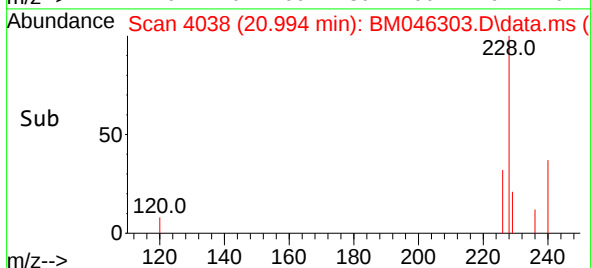
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

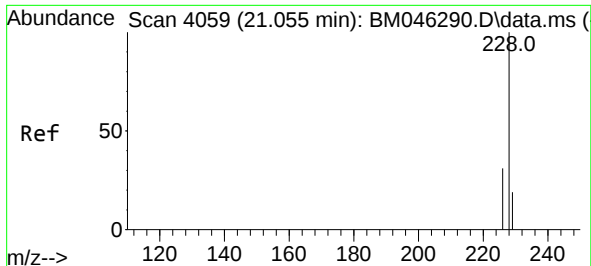


#21
Benzo(a)anthracene
Concen: 0.148 ng/u1
RT: 20.994 min Scan# 4038
Delta R.T. -0.017 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11



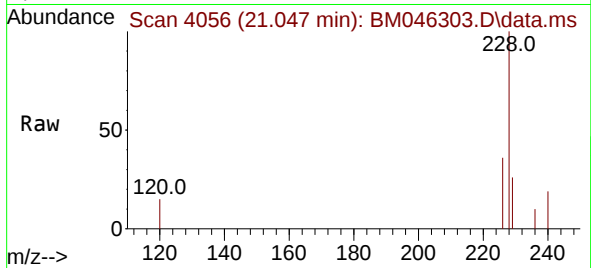
Tgt Ion:228 Resp: 4326
Ion Ratio Lower Upper
228 100
229 26.5 16.4 24.6#
226 36.2 23.4 35.2#





#22
Chrysene
Concen: 0.130 ng/ul
RT: 21.047 min Scan# 4056
Delta R.T. -0.012 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

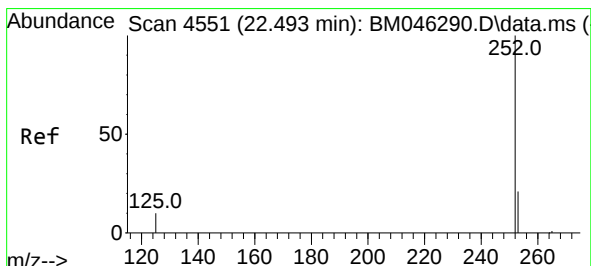
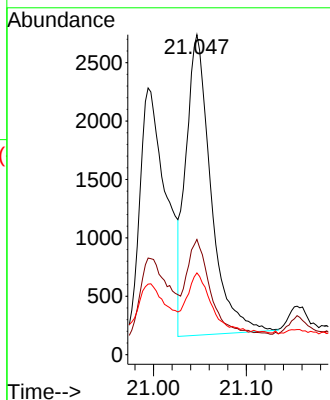
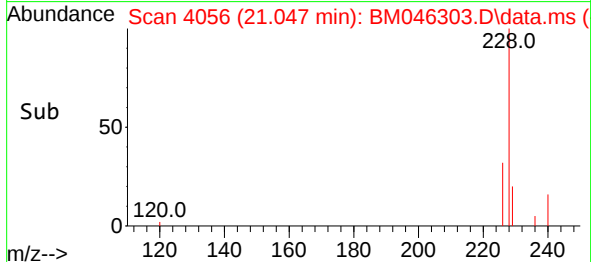
Instrument :
BNA_M
ClientSampleId :
A4C83DL



Tgt Ion:228 Resp: 483
Ion Ratio Lower Upper
228 100
226 36.0 25.2 37.8
229 25.5 16.3 24.5

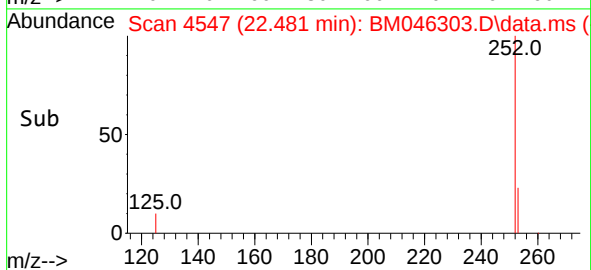
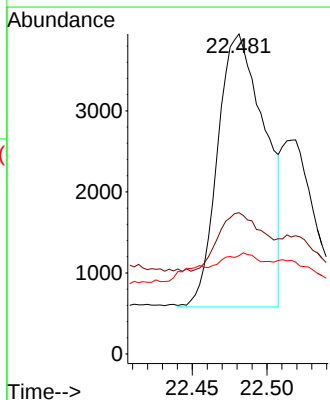
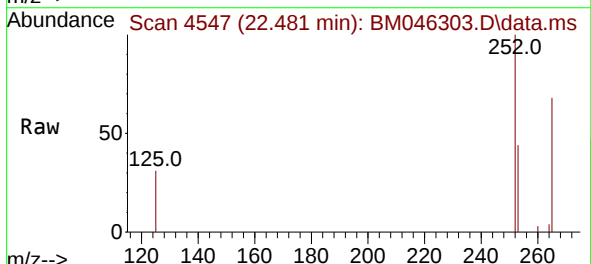
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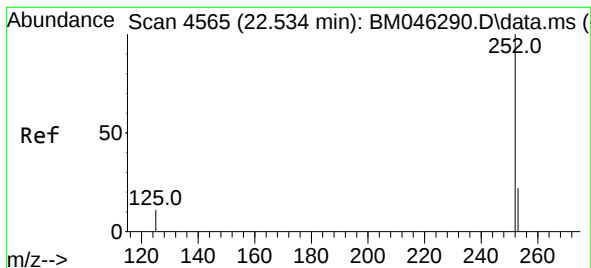
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



#24
Benzo(b)fluoranthene
Concen: 0.240 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.014 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

Tgt Ion:252 Resp: 7415
Ion Ratio Lower Upper
252 100
253 44.2 0.0 65.8
125 30.7 0.0 40.2





#25

Benzo(k)fluoranthene

Concen: 0.091 ng/ul m

RT: 22.519 min Scan# 4

Delta R.T. -0.017 min

Lab File: BM046303.D

Acq: 25 Jun 2024 22:11

Instrument :

BNA_M

ClientSampleId :

A4C83DL

Tgt Ion:252 Resp: 333

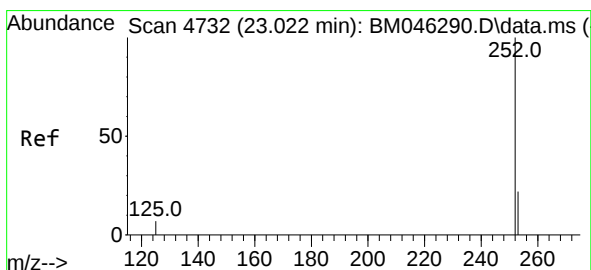
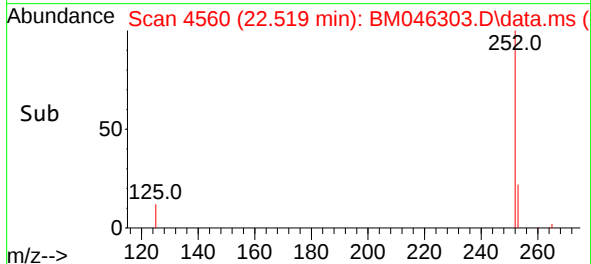
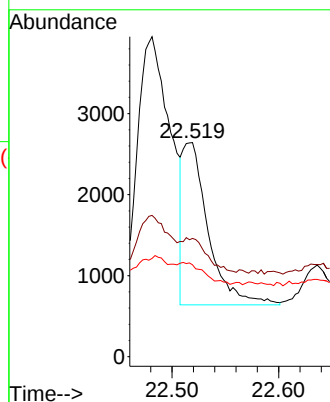
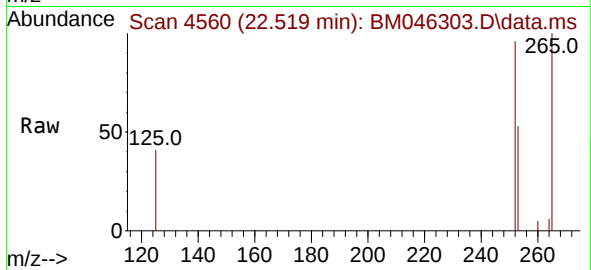
Ion	Ratio	Lower	Upper
252	100		
253	55.2	27.2	40.8
125	42.9	16.6	25.0

Manual Integrations

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Supervised By :mohammad ahmed 06/27/2024



#26

Benzo(a)pyrene

Concen: 0.166 ng/ul

RT: 22.999 min Scan# 4724

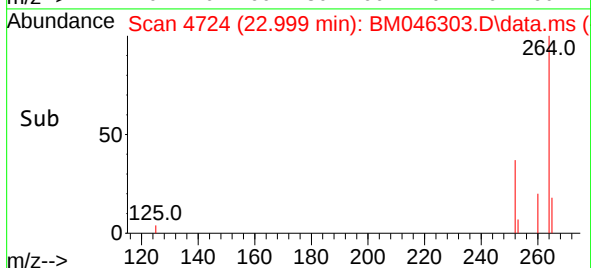
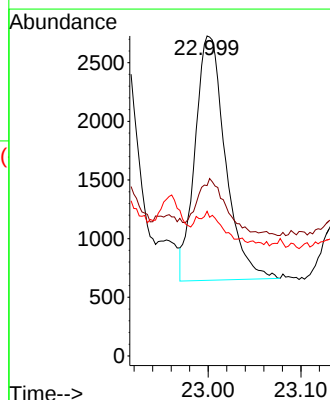
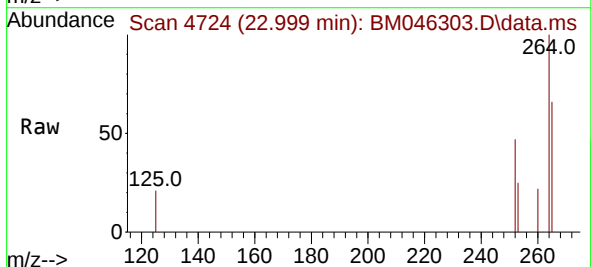
Delta R.T. -0.029 min

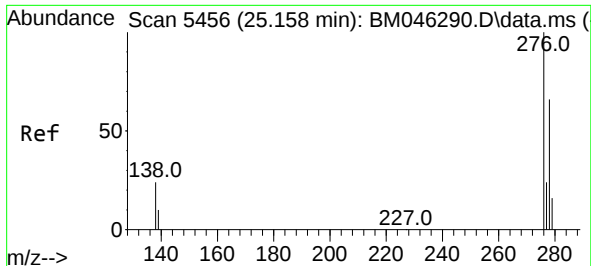
Lab File: BM046303.D

Acq: 25 Jun 2024 22:11

Tgt Ion:252 Resp: 4737

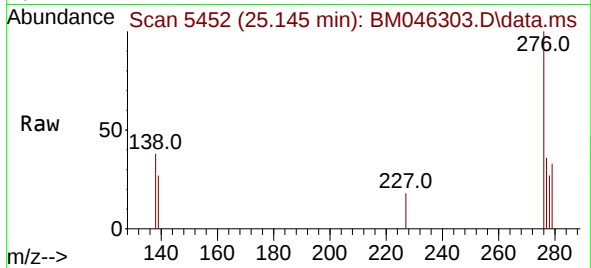
Ion	Ratio	Lower	Upper
252	100		
253	53.3	32.1	48.1
125	45.2	21.2	31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.084 ng/ul
RT: 25.145 min Scan# 5456
Delta R.T. -0.023 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

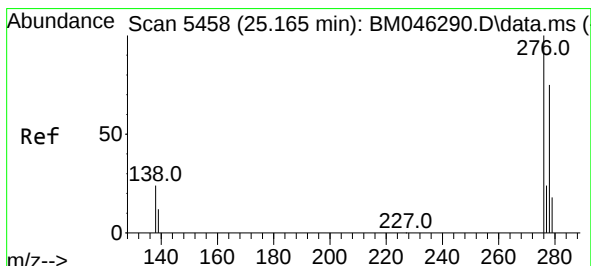
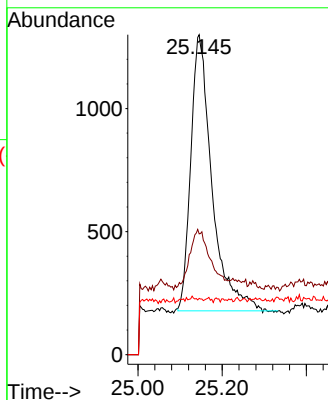
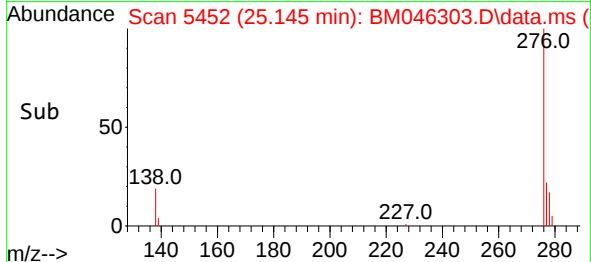
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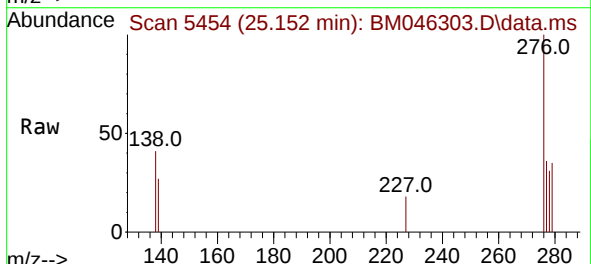
Tgt Ion:276 Resp: 3910
Ion Ratio Lower Upper
276 100
138 0.0 21.0 31.4#
227 5.6 0.0 0.0#

Manual Integrations
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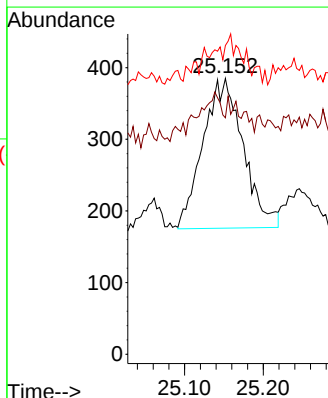
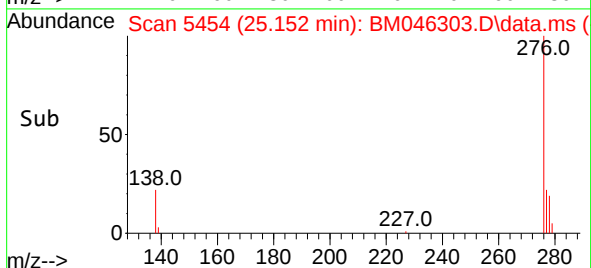
Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024

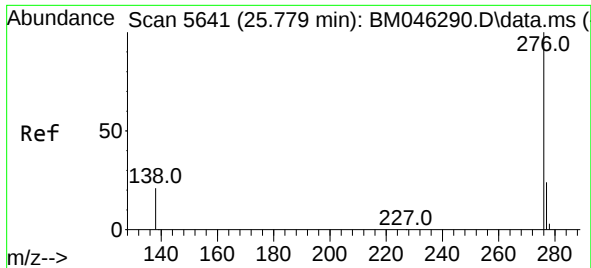


#28
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul
RT: 25.152 min Scan# 5454
Delta R.T. -0.030 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11



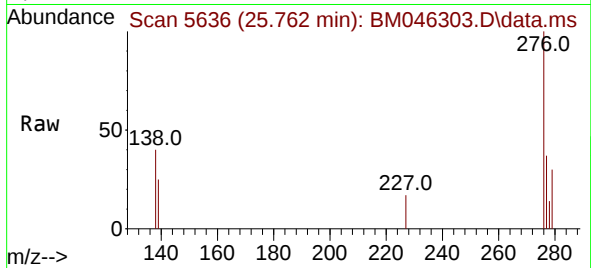
Tgt Ion:278 Resp: 743
Ion Ratio Lower Upper
278 100
139 85.7 17.6 26.4#
279 111.9 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 25.762 min Scan# 50
Delta R.T. -0.023 min
Lab File: BM046303.D
Acq: 25 Jun 2024 22:11

Instrument :
BNA_M
ClientSampleId :
A4C83DL



Tgt Ion:276 Resp: 4049
Ion Ratio Lower Upper
276 100
138 40.5 21.7 32.5
277 37.4 20.4 30.6

Manual Integrations
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Supervised By :mohammad ahmed 06/27/2024

