

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045893.D
 Acq On : 07 Jun 2024 22:56
 Operator : MA/JU
 Sample : P2586-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D19

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 23:59:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 22:59:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	5967	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.237	136	20664	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.112	164	11077	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.857	188	23793m	0.400	ng/ul	0.00
17) Chrysene-d12	21.050	240	18904m	0.400	ng/ul	0.00
23) Perylene-d12	23.160	264	19640m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	20019	2.946	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	5498	0.185	ng/ul	0.00
18) Fluoranthene-d10	18.889	212	11702	0.207	ng/ul	0.00
Target Compounds						
10) Acenaphthylene	13.830	152	1930	0.038	ng/ul#	88
15) Phenanthrene	16.895	178	10800m	0.162	ng/ul	
16) Anthracene	16.988	178	2151m	0.038	ng/ul	
19) Fluoranthene	18.917	202	23650	0.314	ng/ul	99
20) Pyrene	19.279	202	22116m	0.281	ng/ul	
21) Benzo(a)anthracene	21.032	228	10379	0.150	ng/ul	93
22) Chrysene	21.085	228	12879	0.170	ng/ul	96
24) Benzo(b)fluoranthene	22.534	252	16116m	0.247	ng/ul	
25) Benzo(k)fluoranthene	22.572	252	5522m	0.077	ng/ul	
26) Benzo(a)pyrene	23.063	252	10305	0.159	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.226	276	8410	0.100	ng/ul	93
28) Dibenzo(a,h)anthracene	25.232	278	1879	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	25.856	276	8646	0.120	ng/ul#	88

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

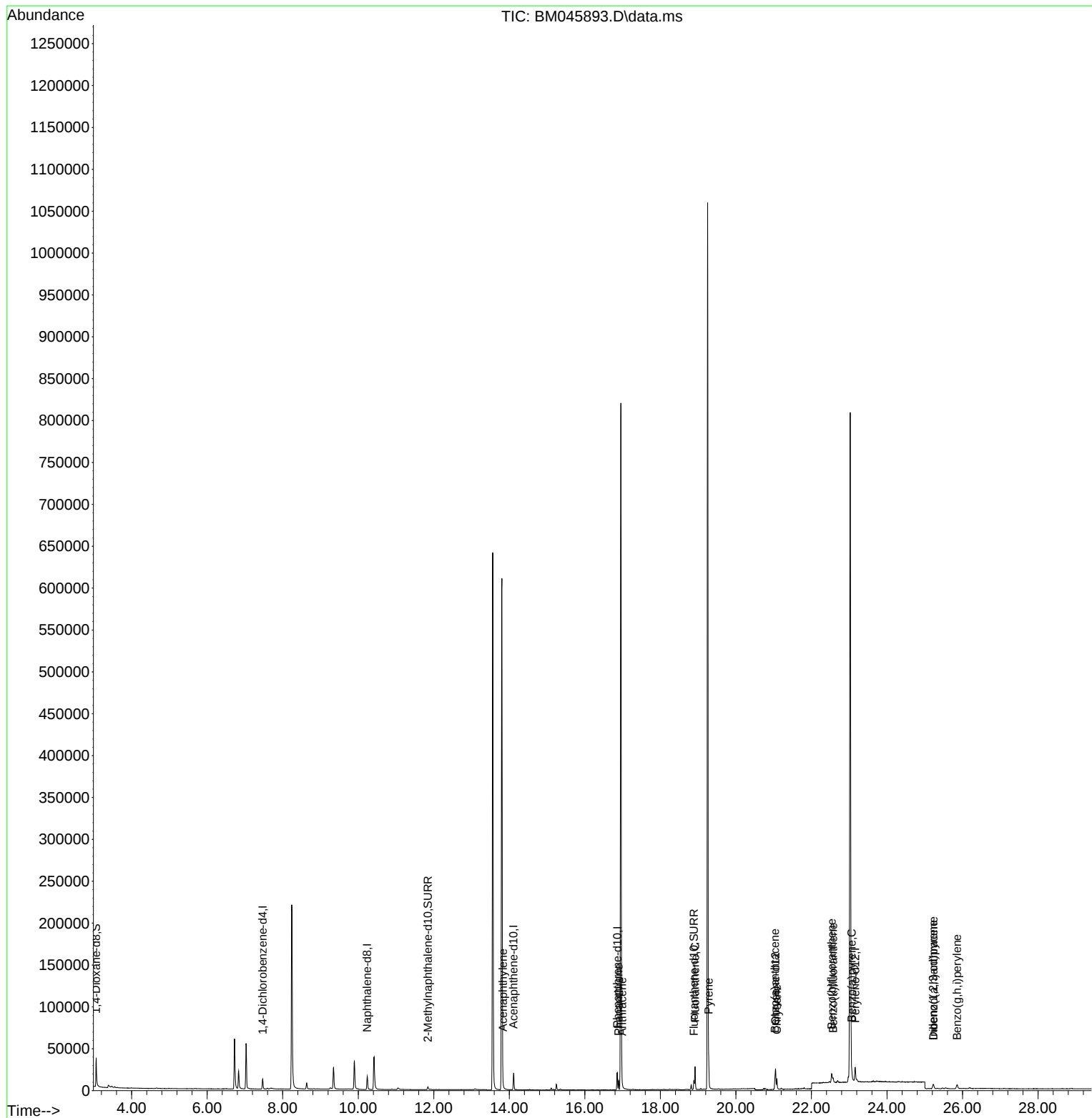
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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ALS Vial : 21 Sample Multiplier: 1

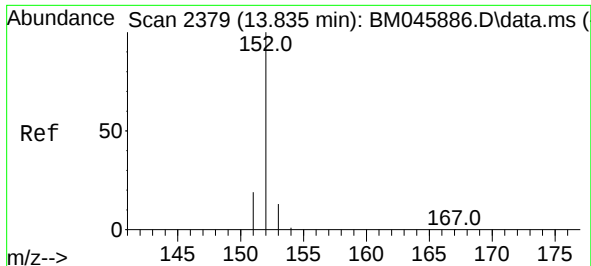
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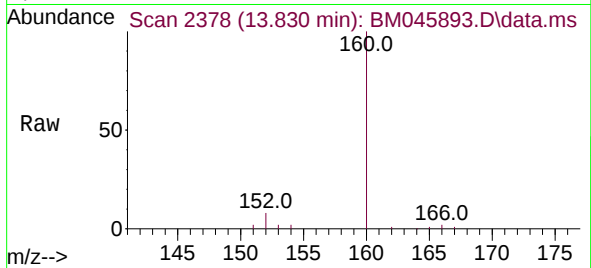
Quant Time: Jun 07 23:59:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 13.830 min Scan# 2379
Delta R.T. -0.009 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

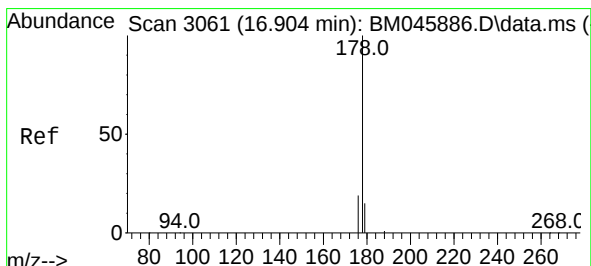
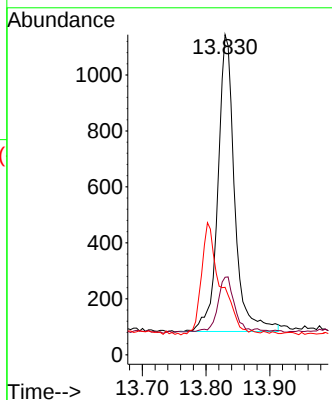
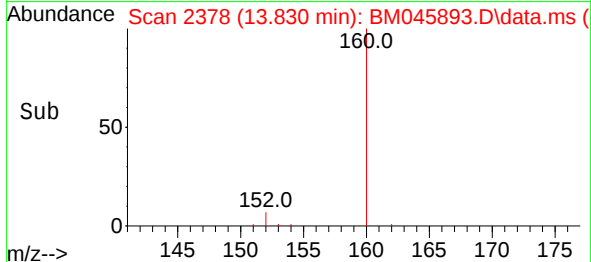
Instrument :
BNA_M
ClientSampleId :
A4D19



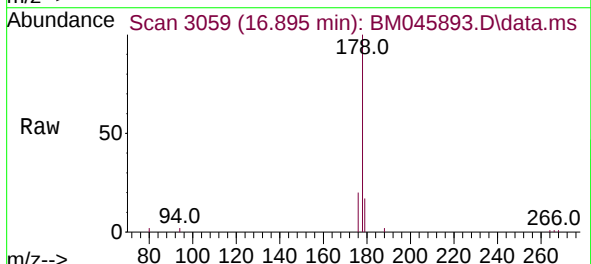
Tgt Ion:	152	Resp:	1930
Ion Ratio	Lower	Upper	
152	100		
151	24.2	16.4	24.6
153	21.1	11.1	16.7

Manual Integrations
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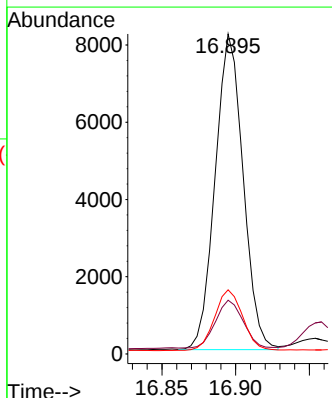
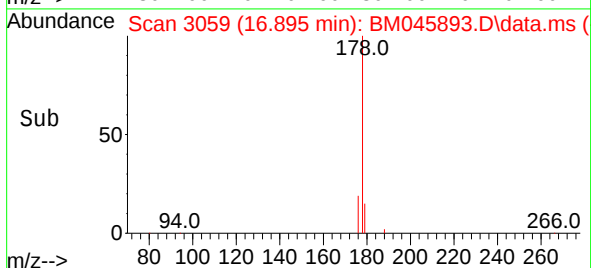
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

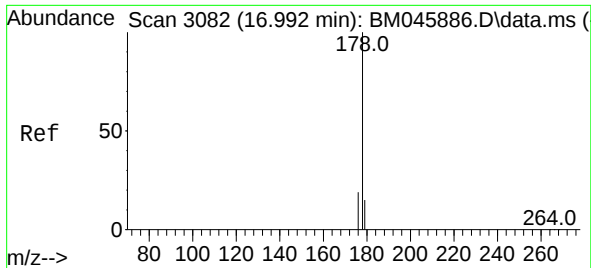


#15
Phenanthrene
Concen: 0.162 ng/ul m
RT: 16.895 min Scan# 3059
Delta R.T. -0.009 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56



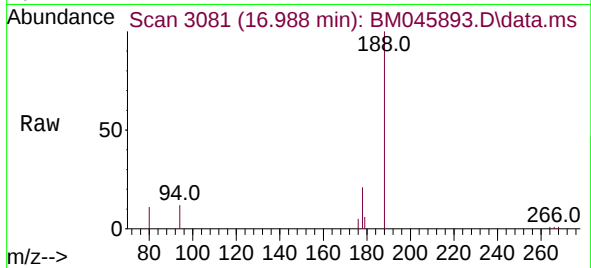
Tgt Ion:	178	Resp:	10800
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.7	19.1
176	20.1	15.6	23.4





#16
 Anthracene
 Concen: 0.038 ng/ul m
 RT: 16.988 min Scan# 3082
 Delta R.T. -0.009 min
 Lab File: BM045893.D
 Acq: 07 Jun 2024 22:56

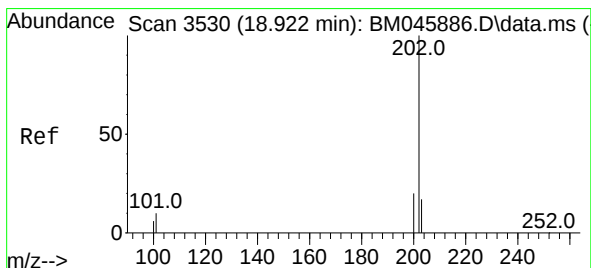
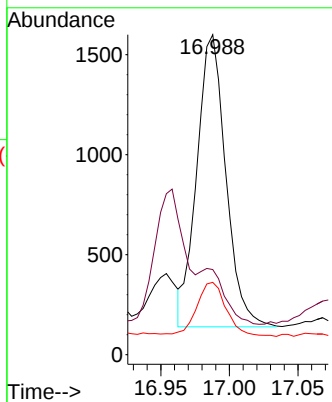
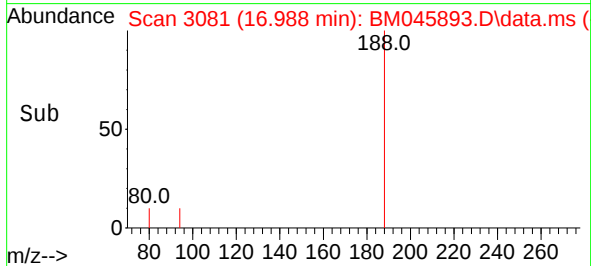
Instrument :
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 A4D19



Tgt Ion:178 Resp: 215
 Ion Ratio Lower Upper
 178 100
 179 26.6 13.1 19.7
 176 22.6 15.5 23.3

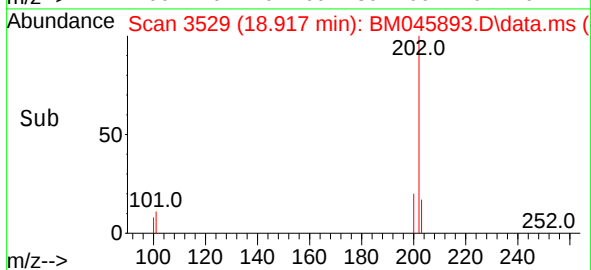
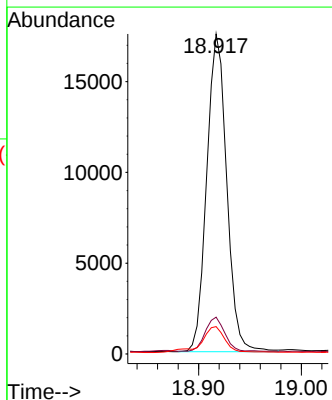
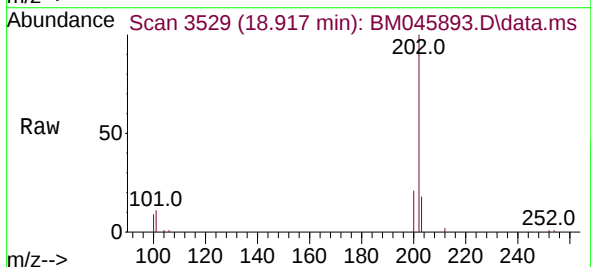
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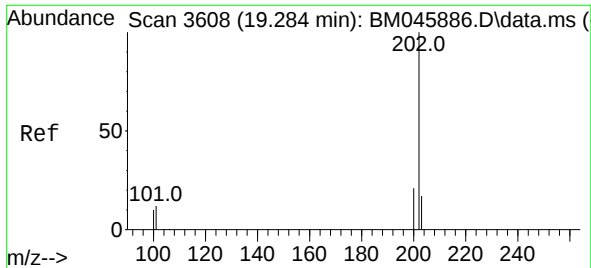
Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



#19
 Fluoranthene
 Concen: 0.314 ng/ul
 RT: 18.917 min Scan# 3529
 Delta R.T. -0.005 min
 Lab File: BM045893.D
 Acq: 07 Jun 2024 22:56

Tgt Ion:202 Resp: 23650
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.0 13.6
 100 8.5 7.0 10.6





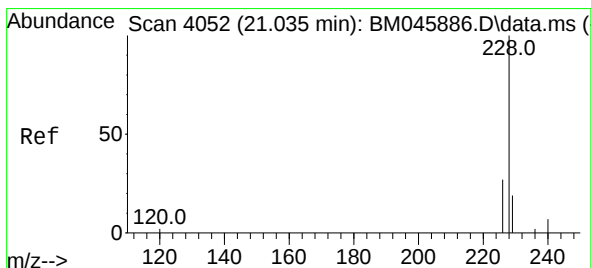
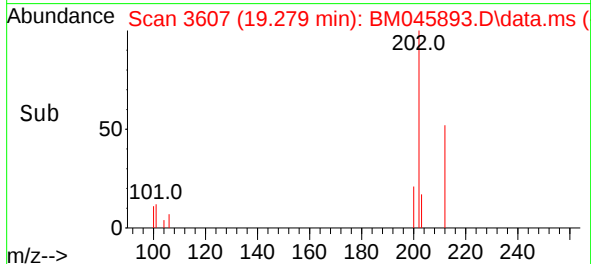
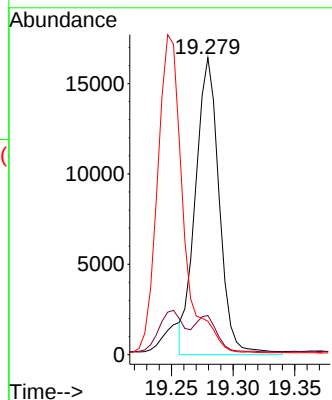
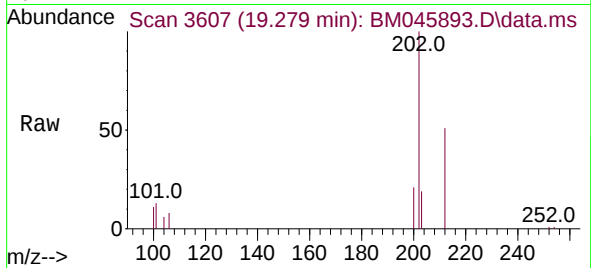
#20
Pyrene
Concen: 0.281 ng/ul m
RT: 19.279 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

Instrument :
BNA_M
ClientSampleId :
A4D19

Tgt Ion:202 Resp: 22110
Ion Ratio Lower Upper
202 100
101 13.2 10.6 16.0
100 11.3 9.1 13.7

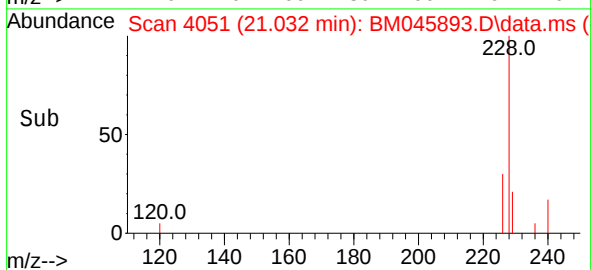
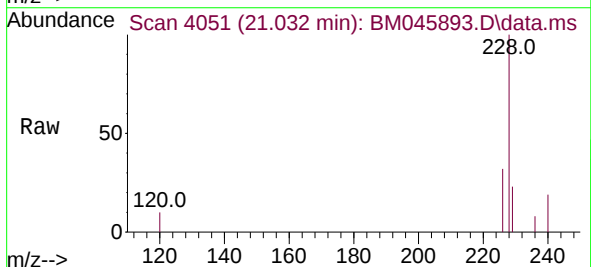
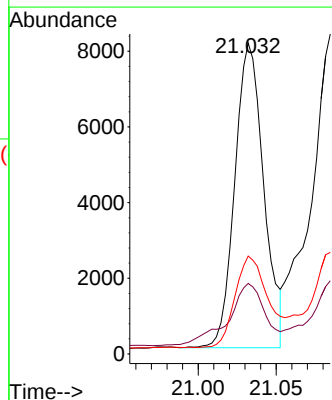
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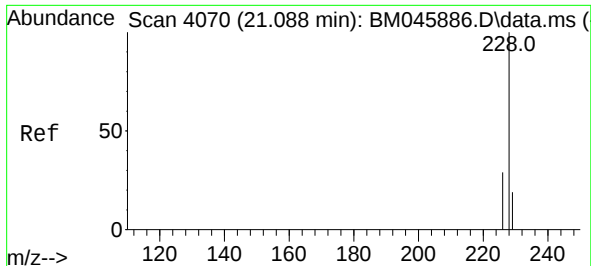
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#21
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

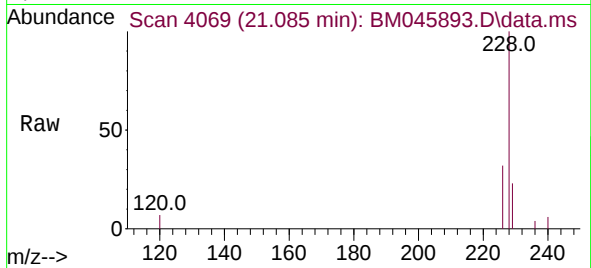
Tgt Ion:228 Resp: 10379
Ion Ratio Lower Upper
228 100
229 22.7 15.7 23.5
226 31.5 22.0 33.0





#22
Chrysene
Concen: 0.170 ng/ul
RT: 21.085 min Scan# 4069
Delta R.T. -0.003 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

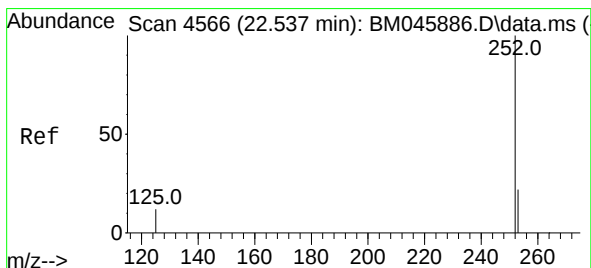
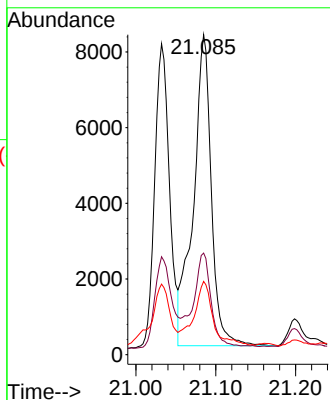
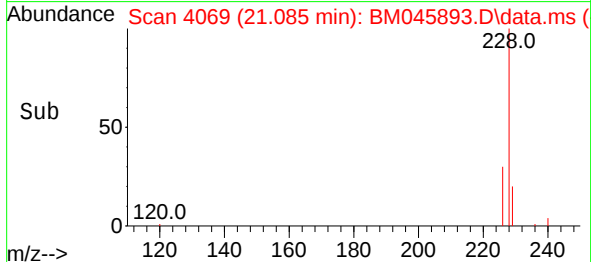
Instrument :
BNA_M
ClientSampleId :
A4D19



Tgt Ion:228 Resp: 12879
Ion Ratio Lower Upper
228 100
226 31.8 24.5 36.7
229 22.9 16.2 24.2

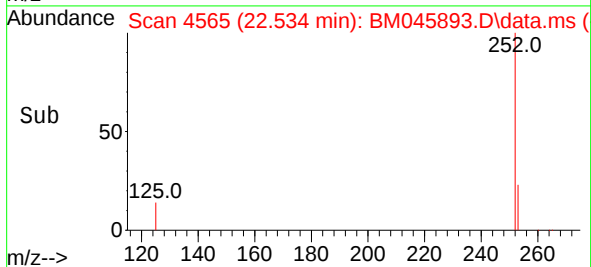
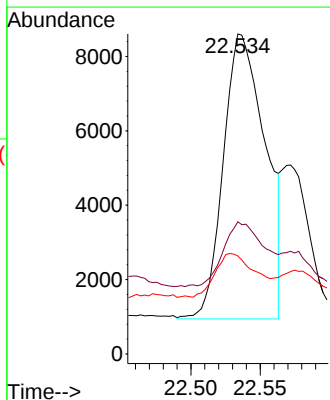
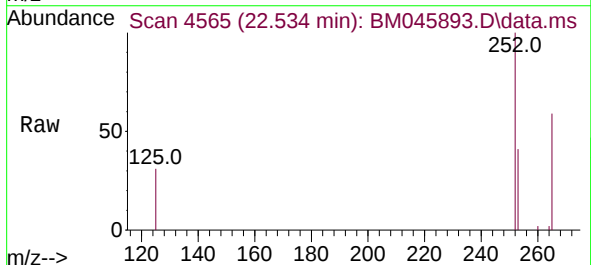
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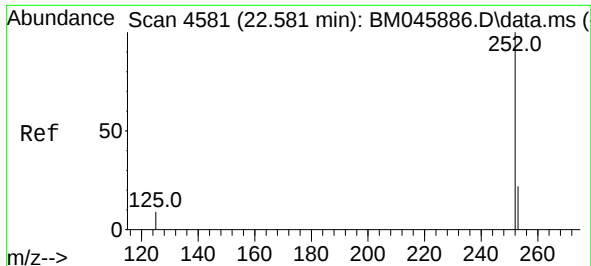
Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



#24
Benzo(b)fluoranthene
Concen: 0.247 ng/ul m
RT: 22.534 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

Tgt Ion:252 Resp: 16116
Ion Ratio Lower Upper
252 100
253 41.3 0.0 63.6
125 30.6 0.0 35.8





#25

Benzo(k)fluoranthene

Concen: 0.077 ng/ul m

RT: 22.572 min Scan# 4578

Delta R.T. -0.009 min

Lab File: BM045893.D

Acq: 07 Jun 2024 22:56

Instrument :

BNA_M

ClientSampleId :

A4D19

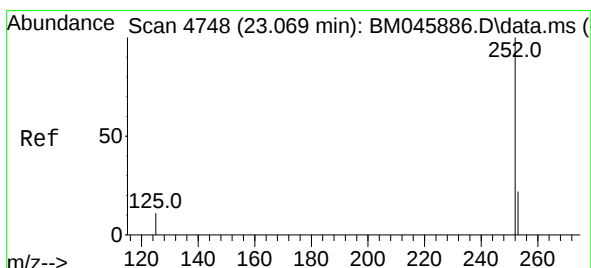
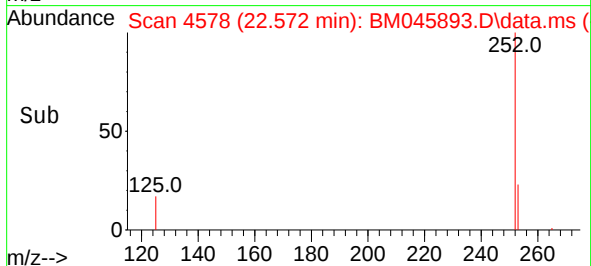
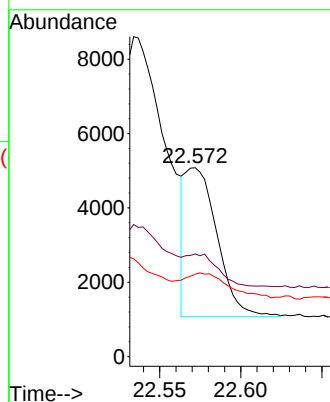
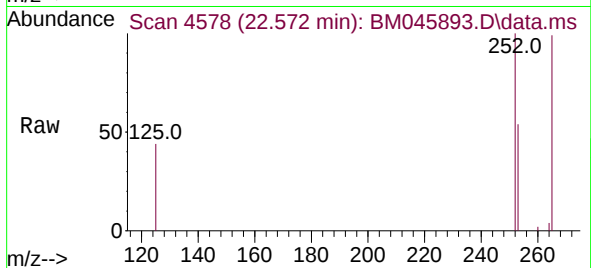
Tgt Ion:	252	Resp:	552
Ion Ratio	Lower	Upper	
252	100		
253	54.4	25.0	37.6
125	43.6	14.2	21.2

Manual Integrations

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#26

Benzo(a)pyrene

Concen: 0.159 ng/ul

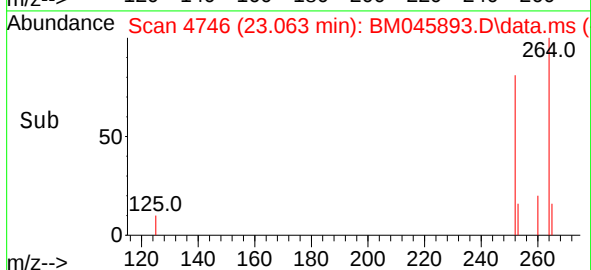
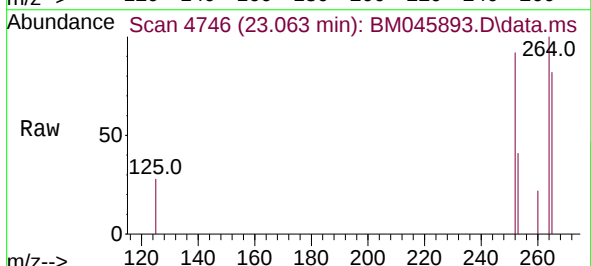
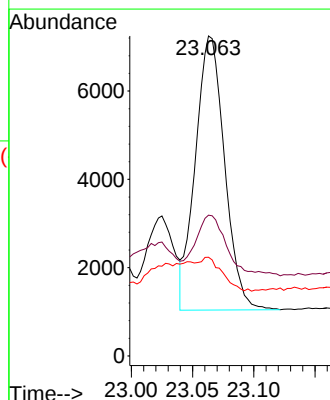
RT: 23.063 min Scan# 4746

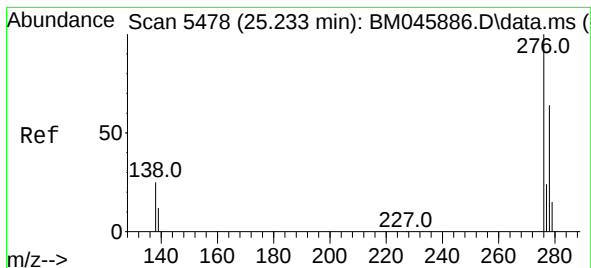
Delta R.T. -0.009 min

Lab File: BM045893.D

Acq: 07 Jun 2024 22:56

Tgt Ion:	252	Resp:	10305
Ion Ratio	Lower	Upper	
252	100		
253	44.0	28.8	43.2
125	30.8	17.3	25.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.100 ng/ul

RT: 25.226 min Scan# 5478

Delta R.T. -0.006 min

Lab File: BM045893.D

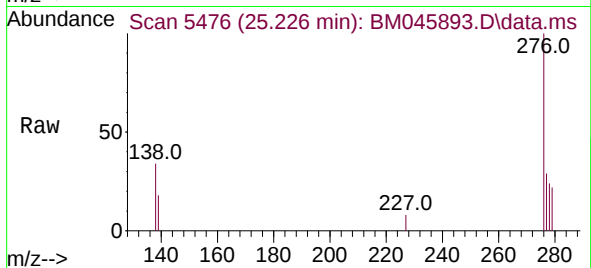
Acq: 07 Jun 2024 22:56

Instrument :

BNA_M

ClientSampleId :

A4D19



Tgt Ion:276 Resp: 8410

Ion Ratio Lower Upper

276 100

138 22.1 20.7 31.1

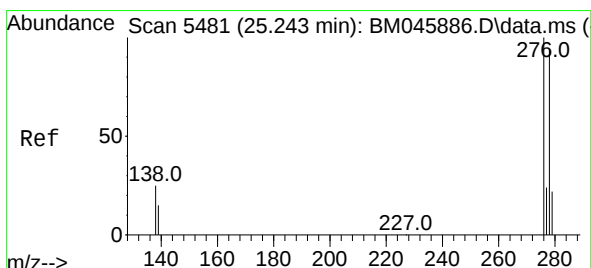
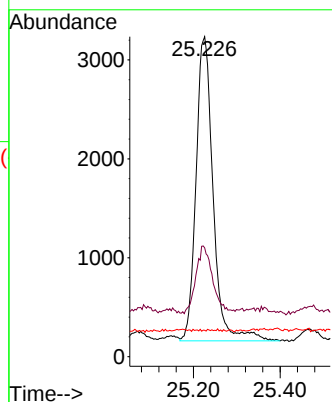
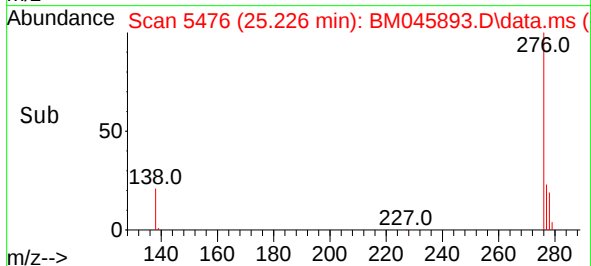
227 0.2 0.2 0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

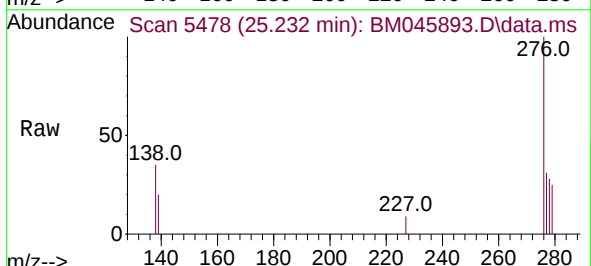
Concen: 0.028 ng/ul

RT: 25.232 min Scan# 5478

Delta R.T. -0.017 min

Lab File: BM045893.D

Acq: 07 Jun 2024 22:56



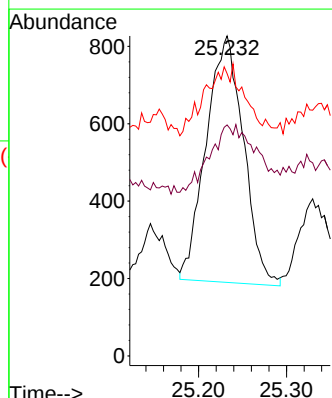
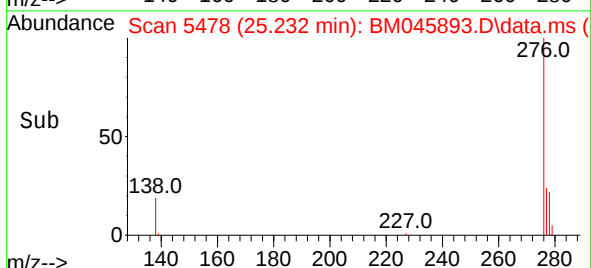
Tgt Ion:278 Resp: 1879

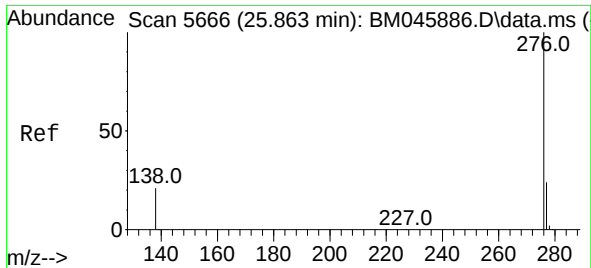
Ion Ratio Lower Upper

278 100

139 72.2 16.6 25.0#

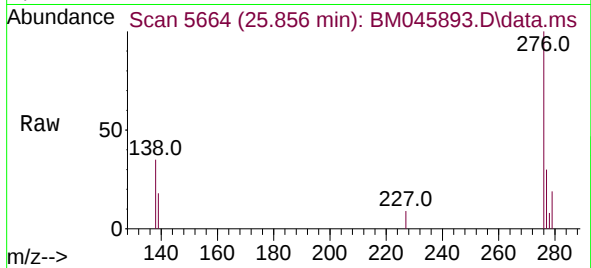
279 88.3 24.6 37.0#





#29
Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 25.856 min Scan# 50
Delta R.T. -0.006 min
Lab File: BM045893.D
Acq: 07 Jun 2024 22:56

Instrument :
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ClientSampleId :
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Tgt Ion:276 Resp: 8640
Ion Ratio Lower Upper
276 100
138 34.6 21.0 31.4
277 29.8 20.5 30.7

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Supervised By :mohammad ahmed 06/13/2024

