

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046106.D
 Acq On : 20 Jun 2024 03:56
 Operator : MA/JU
 Sample : P2696-04DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BN1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024

Quant Time: Jun 20 04:32:57 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 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	2406	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.244	136	6298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	3678	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.837	188	7222	0.400	ng/ul	-0.02
17) Chrysene-d12	21.029	240	5923	0.400	ng/ul	-0.01
23) Perylene-d12	23.118	264	6853m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	1761	0.533	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	369	0.044	ng/ul	0.03
18) Fluoranthene-d10	18.863	212	914	0.052	ng/ul	-0.02
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.813	152	560	0.032	ng/ul#	61
15) Phenanthrene	16.875	178	4278	0.211	ng/ul	97
16) Anthracene	16.972	178	856	0.057	ng/ul#	69
19) Fluoranthene	18.891	202	12562	0.490	ng/ul	100
20) Pyrene	19.253	202	11787	0.425	ng/ul	99
21) Benzo(a)anthracene	21.014	228	5373	0.235	ng/ul	96
22) Chrysene	21.067	228	5949	0.204	ng/ul	97
24) Benzo(b)fluoranthene	22.499	252	10428m	0.422	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	4008m	0.137	ng/ul	
26) Benzo(a)pyrene	23.025	252	6188	0.270	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.175	276	5661	0.151	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.182	278	1222	0.044	ng/ul#	35
29) Benzo(g,h,i)perylene	25.796	276	6286	0.196	ng/ul	96

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

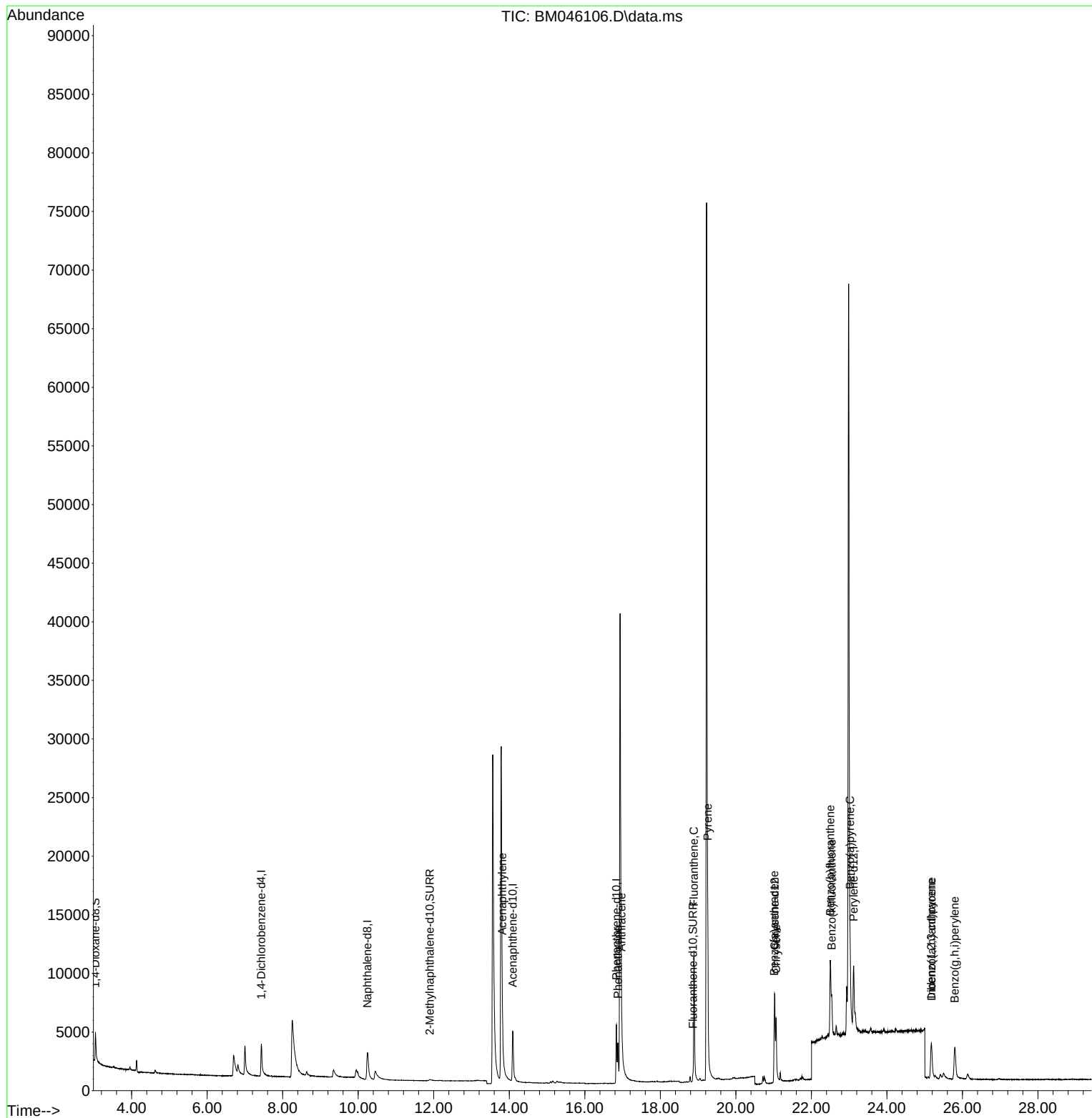
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046106.D
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ALS Vial : 23 Sample Multiplier: 1

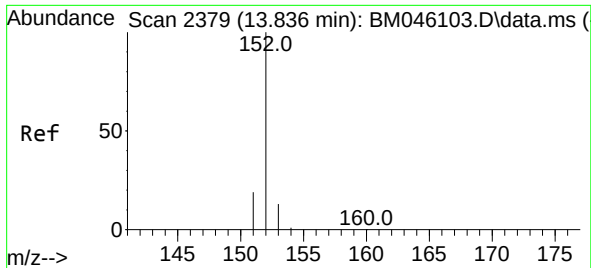
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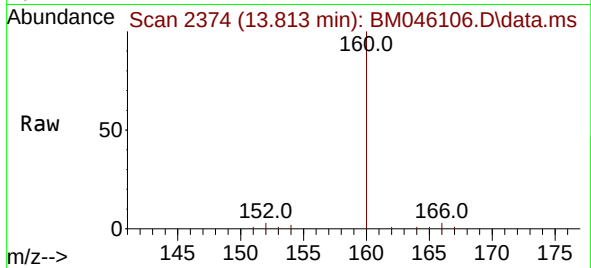
Quant Time: Jun 20 04:32:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 0.032 ng/u1
RT: 13.813 min Scan# 21
Delta R.T. -0.022 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

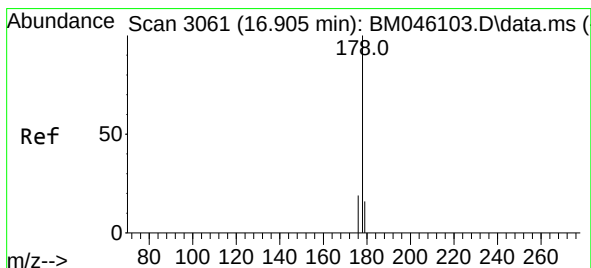
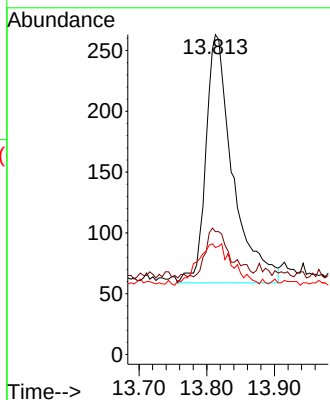
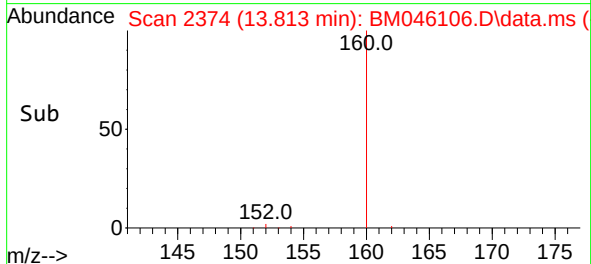
Instrument :
BNA_M
ClientSampleId :
A4BN1DL



Tgt Ion:152 Resp: 560
Ion Ratio Lower Upper
152 100
151 38.4 17.4 26.2
153 33.5 11.8 17.8

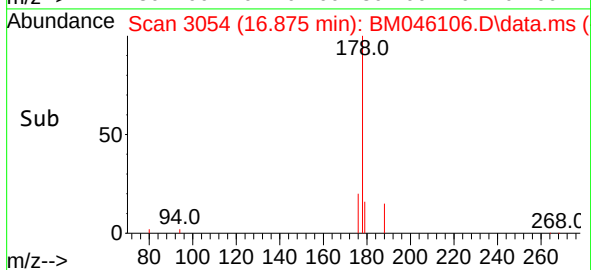
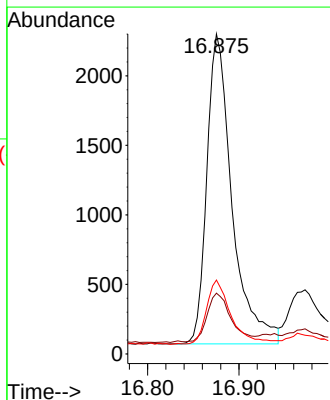
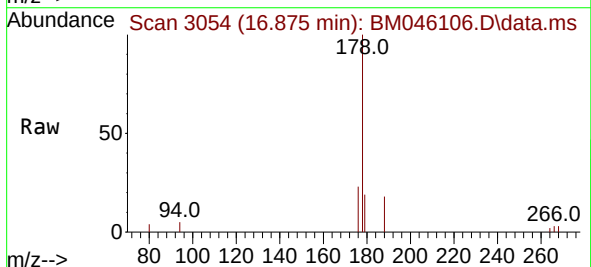
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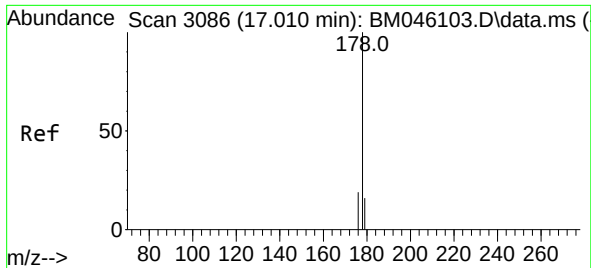
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#15
Phenanthrene
Concen: 0.211 ng/u1
RT: 16.875 min Scan# 3054
Delta R.T. -0.028 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

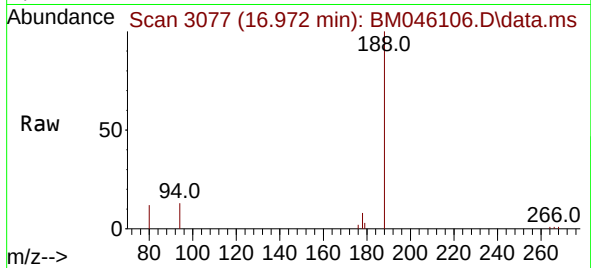
Tgt Ion:178 Resp: 4278
Ion Ratio Lower Upper
178 100
179 19.0 14.2 21.2
176 23.1 17.1 25.7





#16
 Anthracene
 Concen: 0.057 ng/ul
 RT: 16.972 min Scan# 3086
 Delta R.T. -0.032 min
 Lab File: BM046106.D
 Acq: 20 Jun 2024 03:56

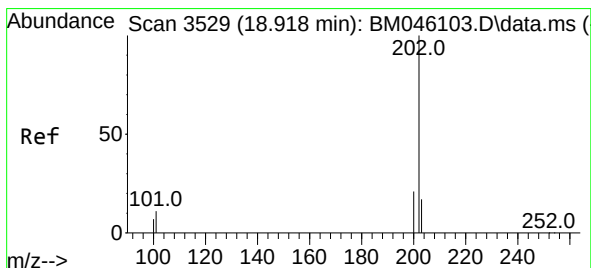
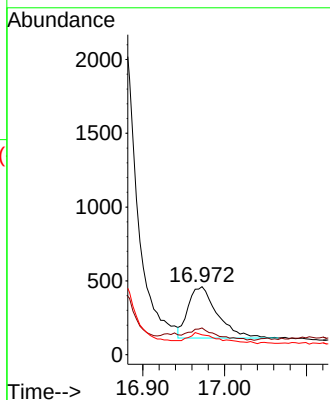
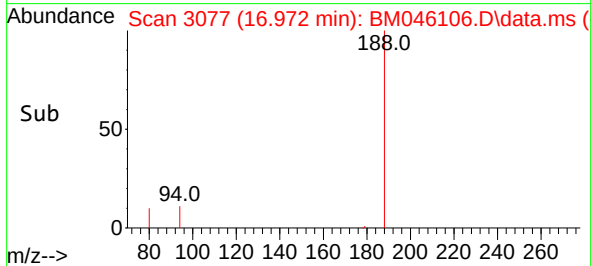
Instrument :
 BNA_M
 ClientSampleId :
 A4BN1DL



Tgt Ion:178 Resp: 850
 Ion Ratio Lower Upper
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 179 39.3 14.9 22.3
 176 29.3 17.0 25.4

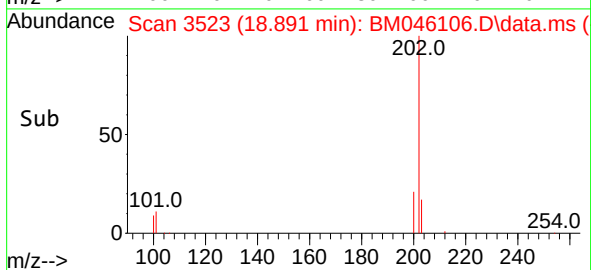
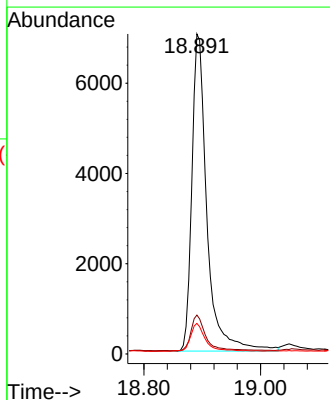
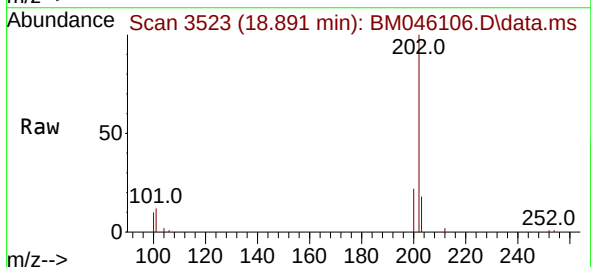
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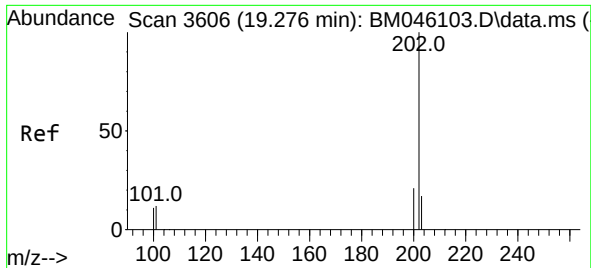
Reviewed By :Jagrut Upadhyay 06/20/2024
 Supervised By :mohammad ahmed 06/21/2024



#19
 Fluoranthene
 Concen: 0.490 ng/ul
 RT: 18.891 min Scan# 3523
 Delta R.T. -0.026 min
 Lab File: BM046106.D
 Acq: 20 Jun 2024 03:56

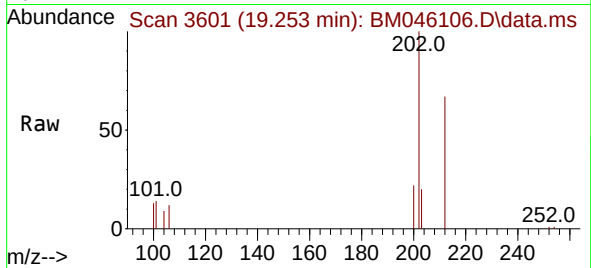
Tgt Ion:202 Resp: 12562
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.6 14.4
 100 9.5 7.6 11.4





#20
Pyrene
Concen: 0.425 ng/u1
RT: 19.253 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

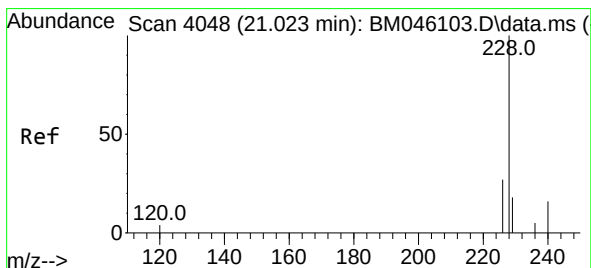
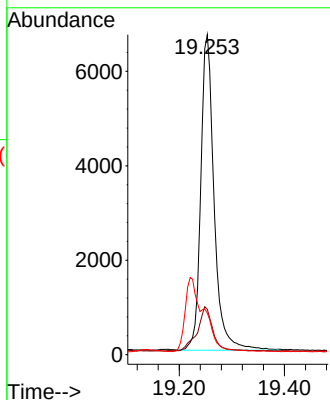
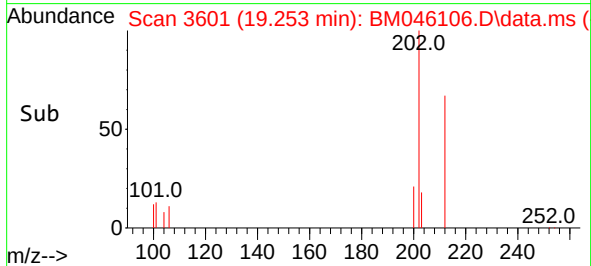
Instrument :
BNA_M
ClientSampleId :
A4BN1DL



Tgt Ion:202 Resp: 1178
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 13.0 9.8 14.6

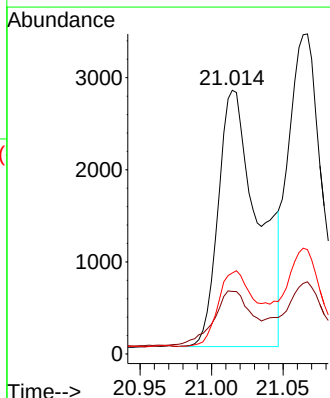
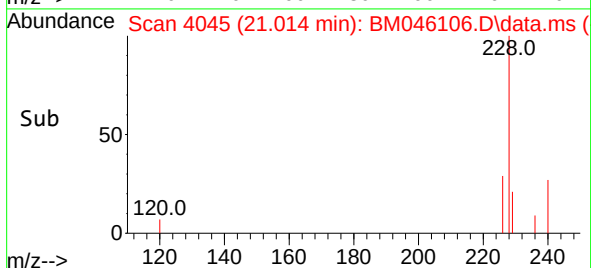
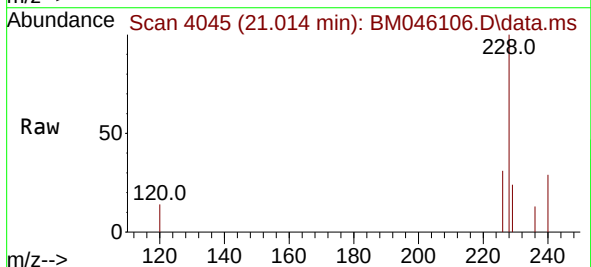
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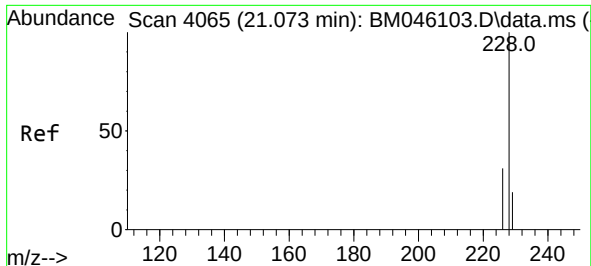
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#21
Benzo(a)anthracene
Concen: 0.235 ng/u1
RT: 21.014 min Scan# 4045
Delta R.T. -0.015 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

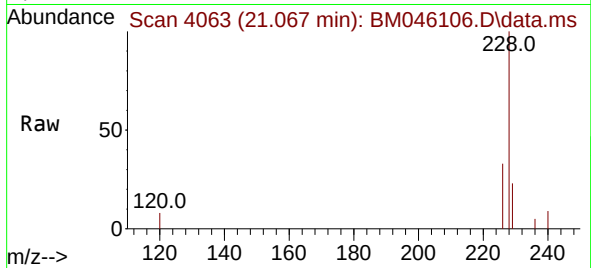
Tgt Ion:228 Resp: 5373
Ion Ratio Lower Upper
228 100
229 23.7 16.4 24.6
226 30.7 23.4 35.2





#22
Chrysene
Concen: 0.204 ng/ul
RT: 21.067 min Scan# 4063
Delta R.T. -0.009 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

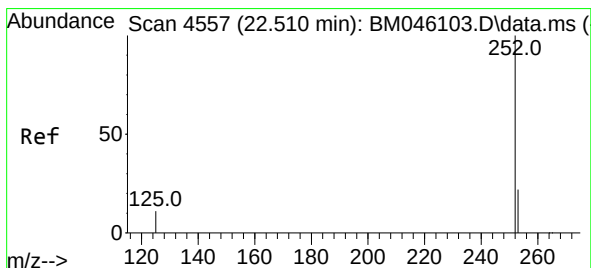
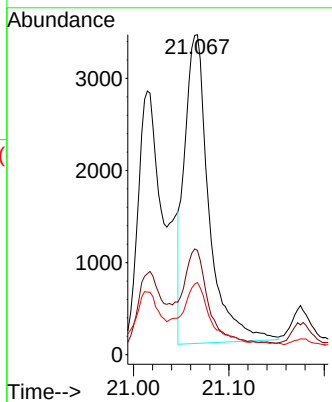
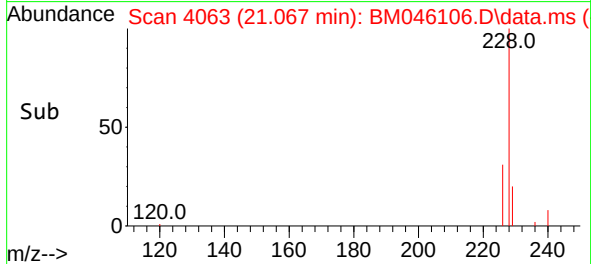
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BNA_M
ClientSampleId :
A4BN1DL



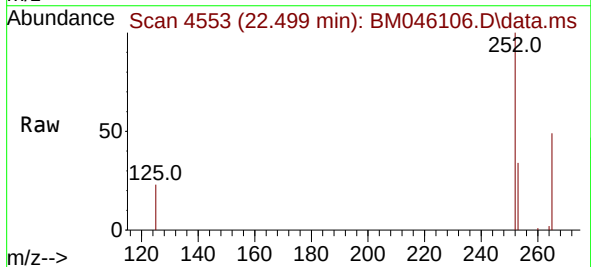
Tgt Ion:228 Resp: 5949
Ion Ratio Lower Upper
228 100
226 32.6 25.2 37.8
229 22.6 16.3 24.5

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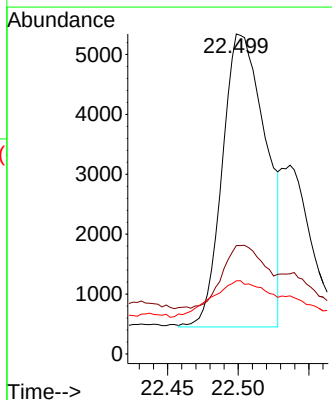
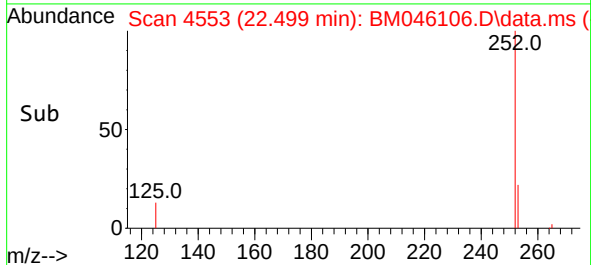
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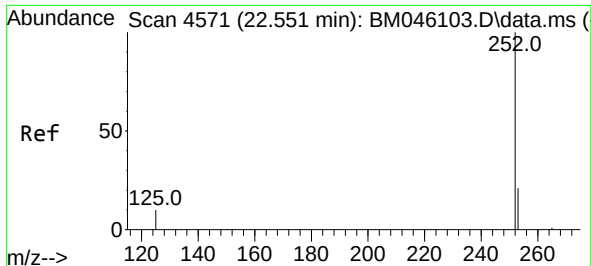


#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul m
RT: 22.499 min Scan# 4553
Delta R.T. -0.021 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56



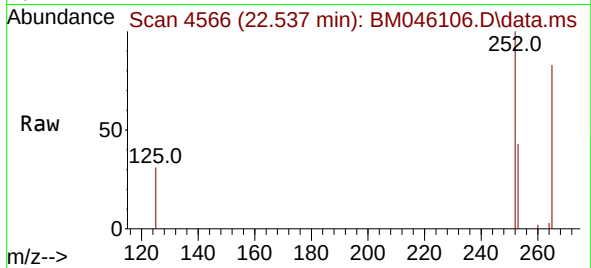
Tgt Ion:252 Resp: 10428
Ion Ratio Lower Upper
252 100
253 33.8 0.0 65.8
125 22.8 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.137 ng/ul m
RT: 22.537 min Scan# 4566
Delta R.T. -0.027 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

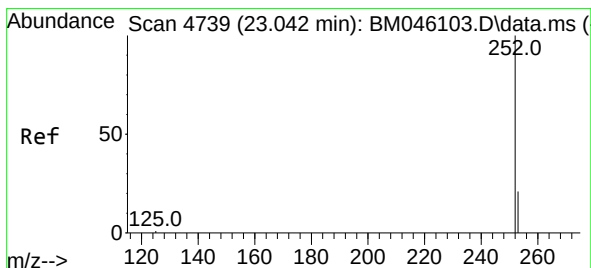
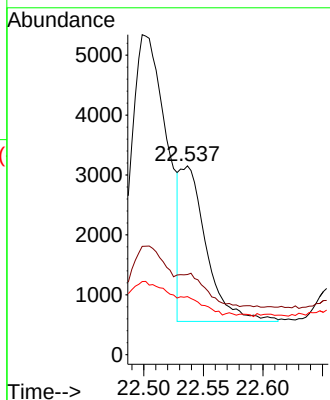
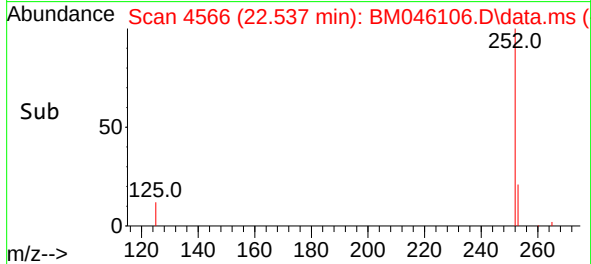
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Tgt Ion:252 Resp: 4008
Ion Ratio Lower Upper
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253 42.5 27.2 40.8
125 30.8 16.6 25.0

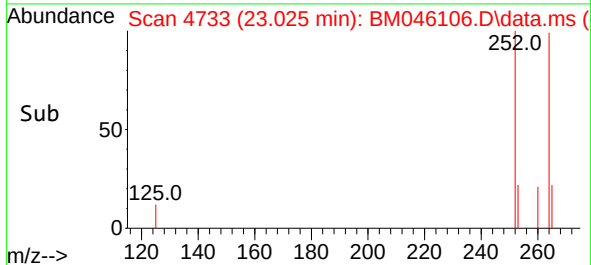
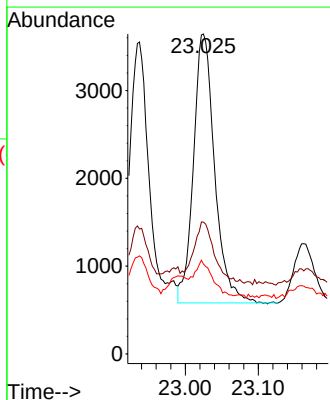
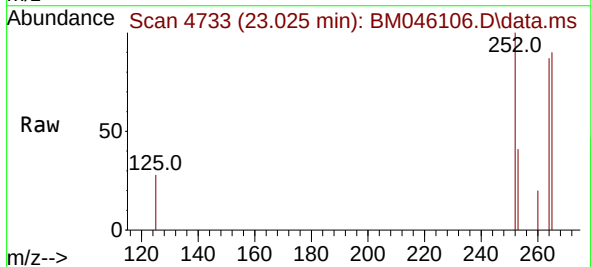
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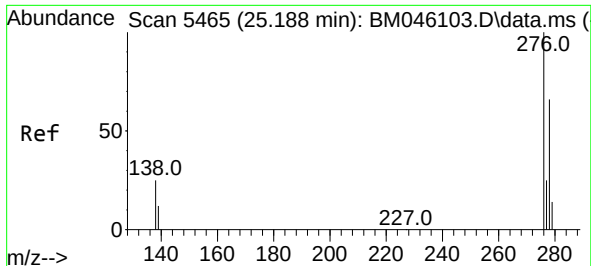
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#26
Benzo(a)pyrene
Concen: 0.270 ng/ul
RT: 23.025 min Scan# 4733
Delta R.T. -0.030 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

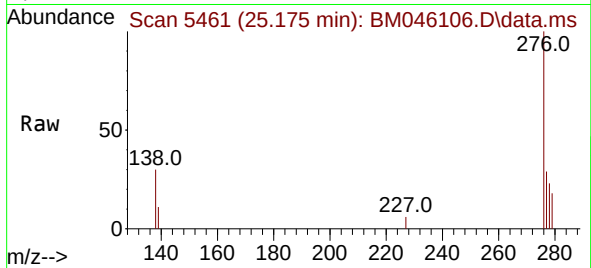
Tgt Ion:252 Resp: 6188
Ion Ratio Lower Upper
252 100
253 41.2 32.1 48.1
125 28.1 21.2 31.8





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.151 ng/ul
RT: 25.175 min Scan# 5461
Delta R.T. -0.027 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

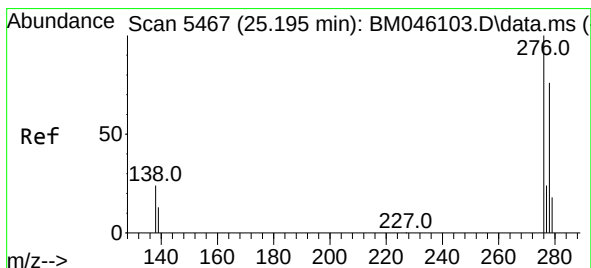
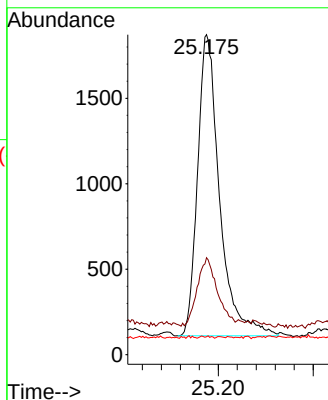
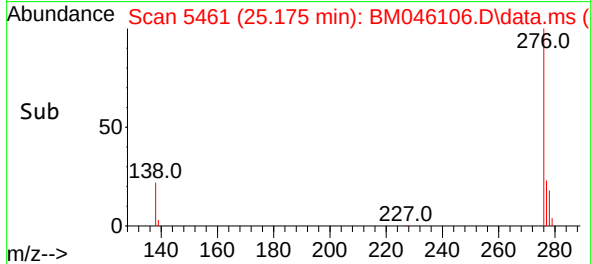
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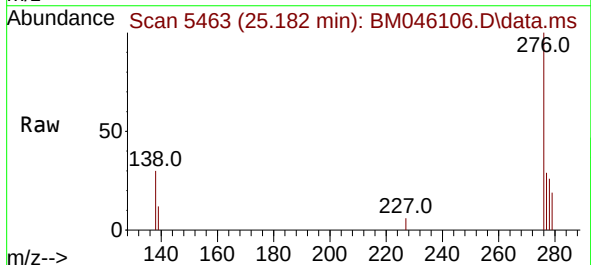
Tgt Ion: 276 Resp: 566
Ion Ratio Lower Upper
276 100
138 22.6 21.0 31.4
227 0.1 0.0 0.0

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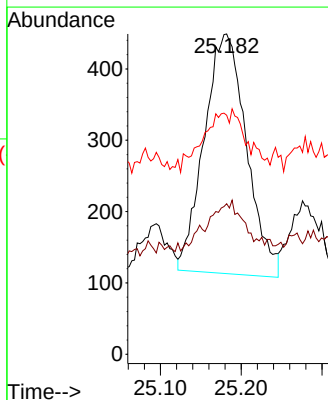
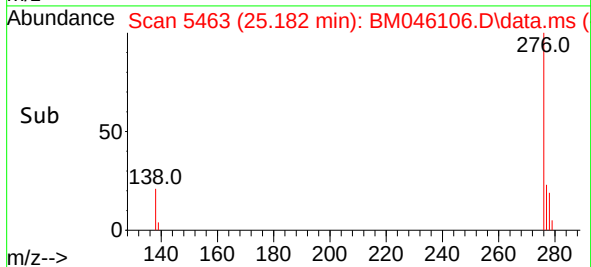
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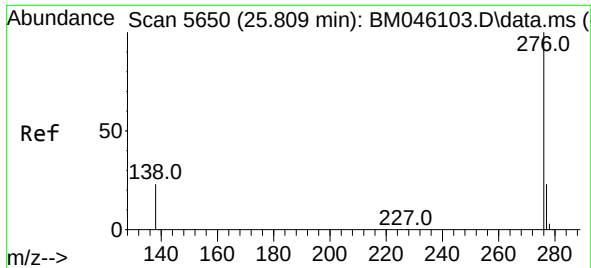


#28
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.182 min Scan# 5463
Delta R.T. -0.034 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56



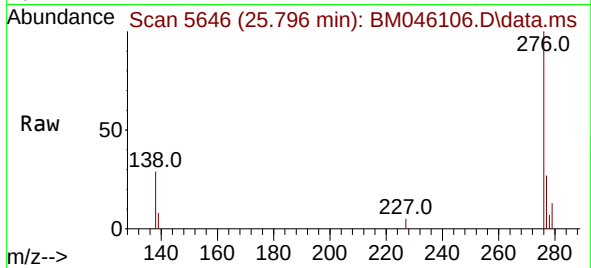
Tgt Ion: 278 Resp: 1222
Ion Ratio Lower Upper
278 100
139 47.0 17.6 26.4#
279 74.6 26.3 39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.196 ng/ul
RT: 25.796 min Scan# 5646
Delta R.T. -0.034 min
Lab File: BM046106.D
Acq: 20 Jun 2024 03:56

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 6280
Ion Ratio Lower Upper
276 100
138 29.3 21.7 32.5
277 27.2 20.4 30.6

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