

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046099.D
 Acq On : 19 Jun 2024 23:07
 Operator : MA/JU
 Sample : P2695-13DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 19 23:37:53 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	2861	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.238	136	7779	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.090	164	4528	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.833	188	8930	0.400	ng/ul	-0.03
17) Chrysene-d12	21.029	240	7266	0.400	ng/ul	-0.02
23) Perylene-d12	23.121	264	8509m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2641	0.673	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.877	152	440	0.042	ng/ul	0.01
18) Fluoranthene-d10	18.863	212	1191	0.055	ng/ul	-0.02
Target Compounds					Qvalue	
10) Acenaphthylene	13.808	152	539	0.025	ng/ul#	58
12) Fluorene	15.145	166	334	0.020	ng/ul#	92
15) Phenanthrene	16.875	178	6095	0.243	ng/ul	99
16) Anthracene	16.964	178	1163	0.062	ng/ul#	77
19) Fluoranthene	18.890	202	14259	0.453	ng/ul	100
20) Pyrene	19.253	202	10429	0.307	ng/ul	99
21) Benzo(a)anthracene	21.014	228	6053	0.216	ng/ul	94
22) Chrysene	21.064	228	6329	0.177	ng/ul	97
24) Benzo(b)fluoranthene	22.504	252	10281m	0.335	ng/ul	
25) Benzo(k)fluoranthene	22.539	252	3607m	0.099	ng/ul	
26) Benzo(a)pyrene	23.028	252	3438	0.121	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.185	276	3930	0.085	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.188	278	1206	0.035	ng/ul#	27

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

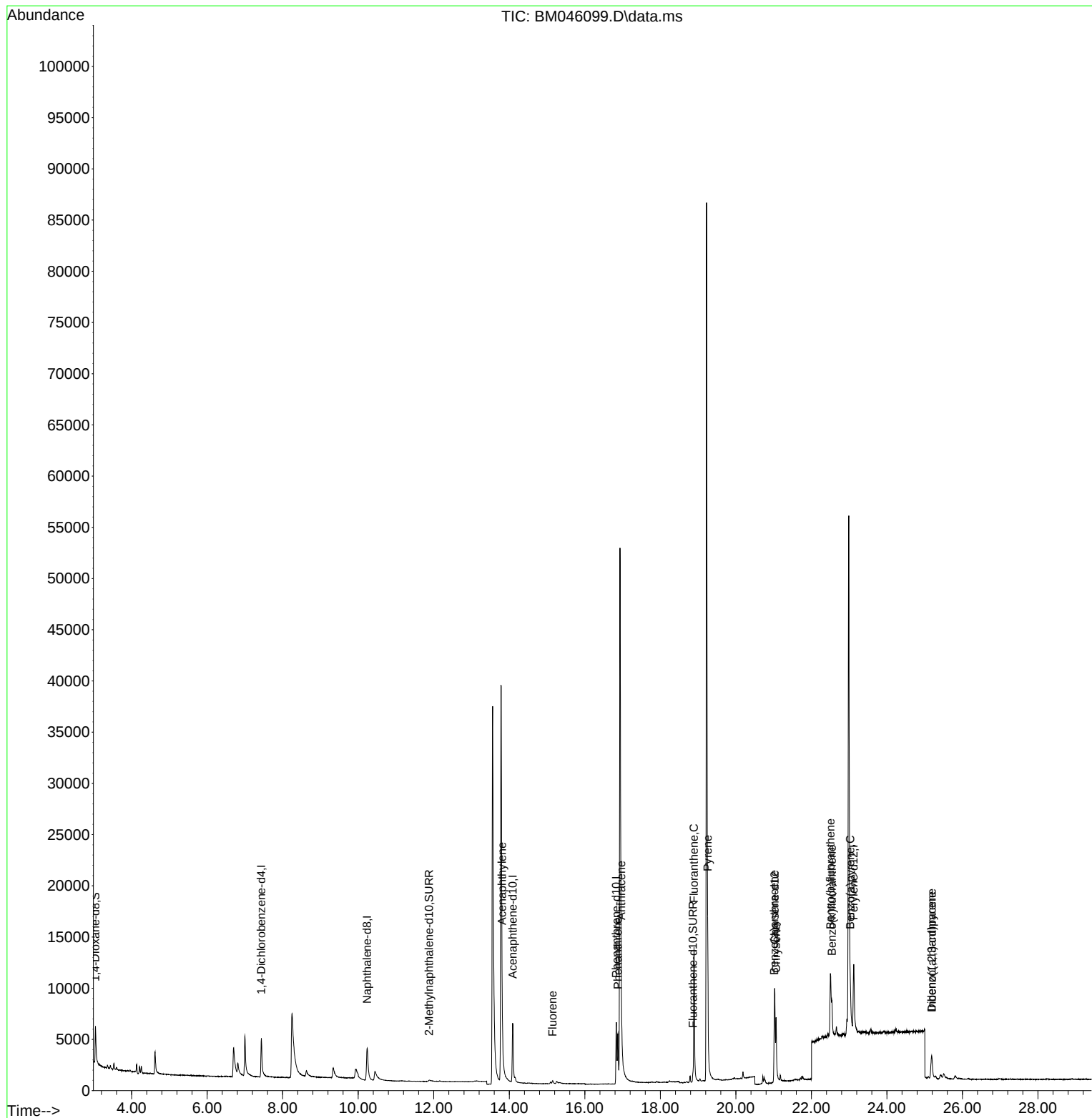
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046099.D
Acq On : 19 Jun 2024 23:07
Operator : MA/JU
Sample : P2695-13DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

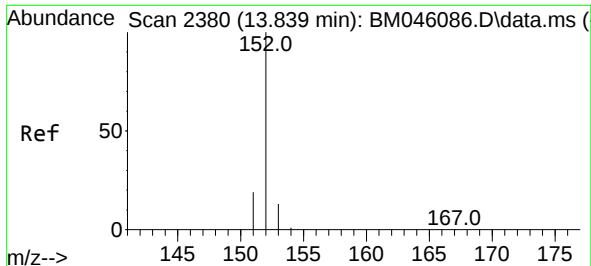
Instrument :
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A4BL1DL

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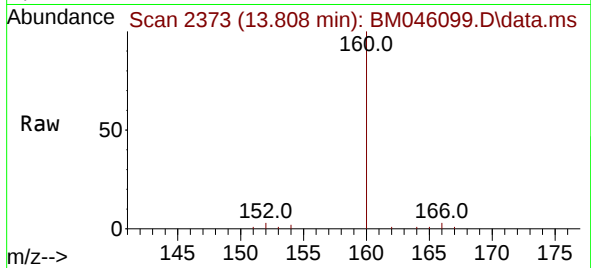
Quant Time: Jun 19 23:37:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.808 min Scan# 21
Delta R.T. -0.027 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

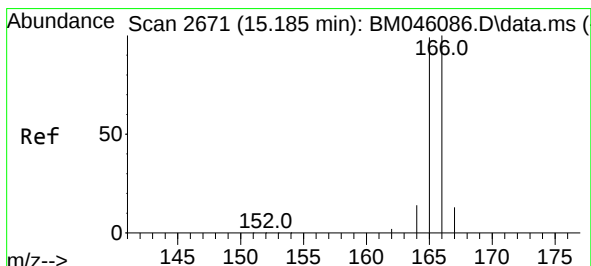
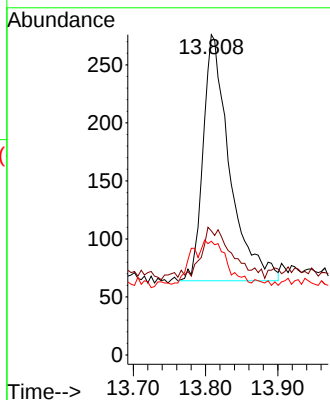
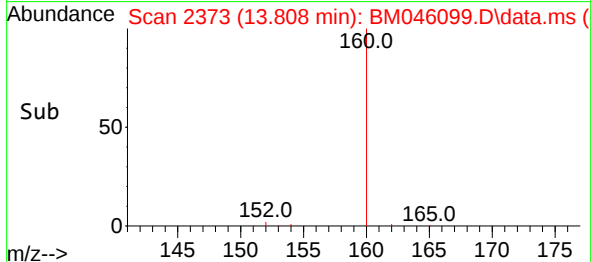
Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:152 Resp: 539
Ion Ratio Lower Upper
152 100
151 38.8 17.4 26.2
153 35.5 11.8 17.8

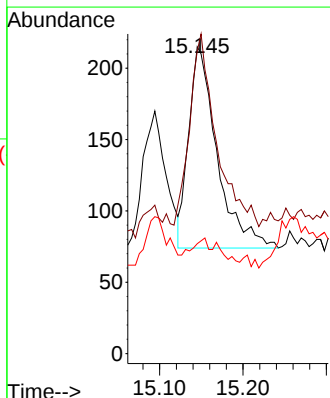
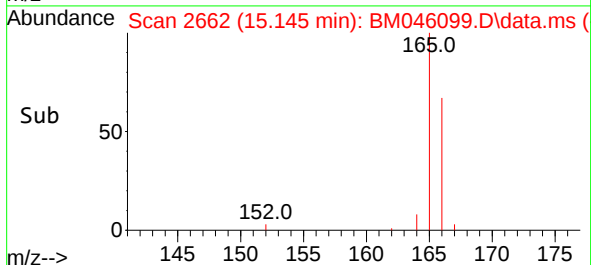
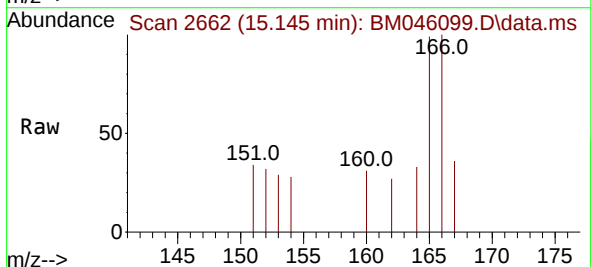
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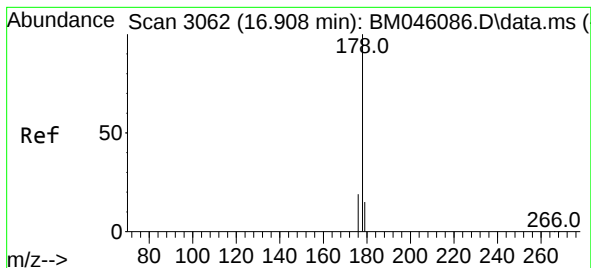
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#12
Fluorene
Concen: 0.020 ng/ul
RT: 15.145 min Scan# 2662
Delta R.T. -0.036 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

Tgt Ion:166 Resp: 334
Ion Ratio Lower Upper
166 100
165 98.6 80.4 120.6
167 35.8 12.4 18.6





#15

Phenanthrene

Concen: 0.243 ng/ul

RT: 16.875 min Scan# 3062

Delta R.T. -0.028 min

Lab File: BM046099.D

Acq: 19 Jun 2024 23:07

Instrument :

BNA_M

ClientSampleId :

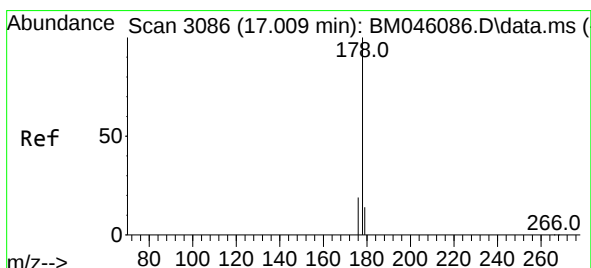
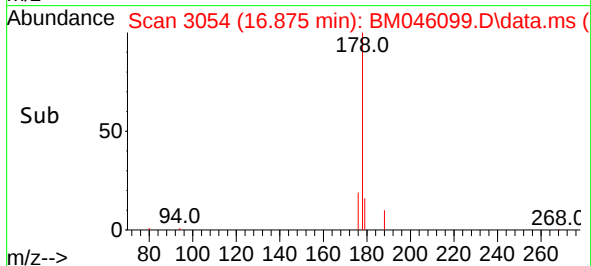
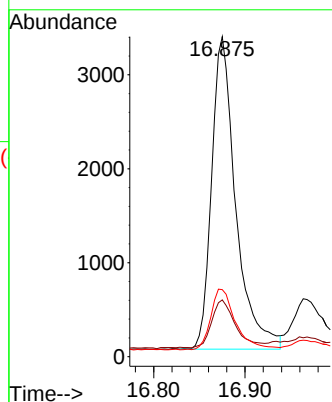
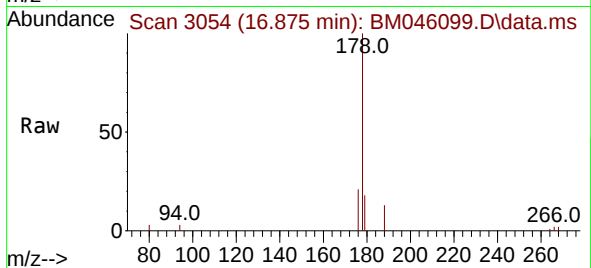
A4BL1DL

Tgt Ion:	178	Resp:	609
Ion Ratio	Lower	Upper	
178	100		
179	17.7	14.2	21.2
176	21.0	17.1	25.7

Manual Integrations

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#16

Anthracene

Concen: 0.062 ng/ul

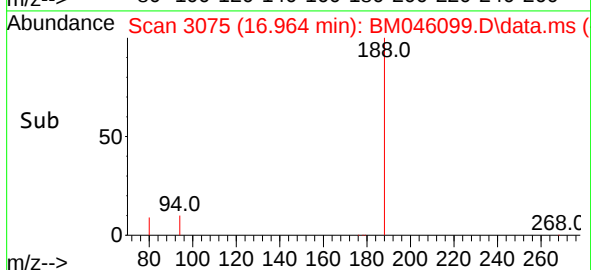
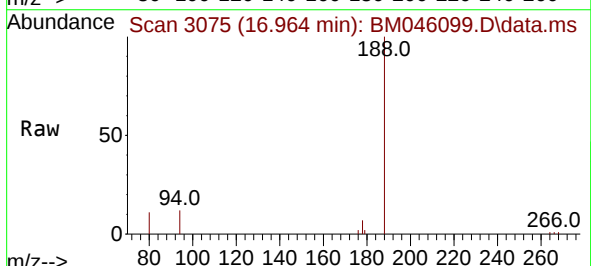
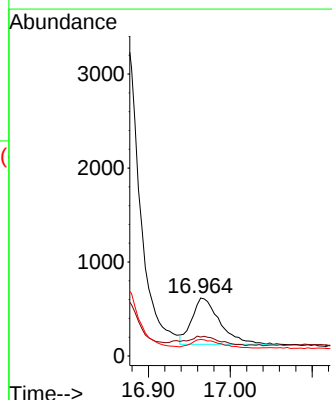
RT: 16.964 min Scan# 3075

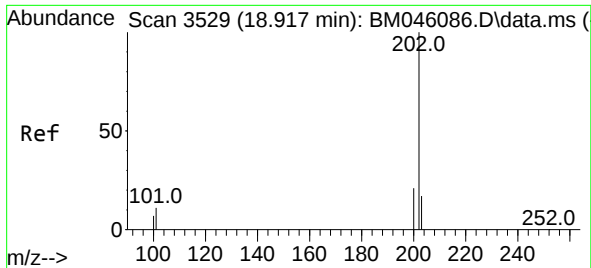
Delta R.T. -0.041 min

Lab File: BM046099.D

Acq: 19 Jun 2024 23:07

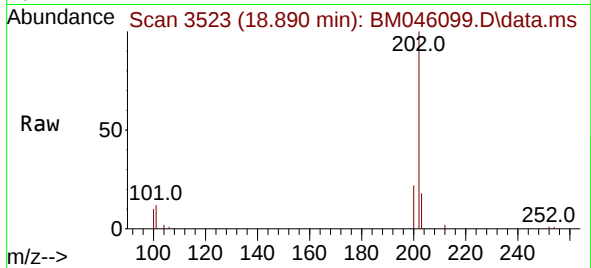
Tgt Ion:	178	Resp:	1163
Ion Ratio	Lower	Upper	
178	100		
179	32.8	14.9	22.3#
176	28.6	17.0	25.4#





#19
Fluoranthene
Concen: 0.453 ng/u1
RT: 18.890 min Scan# 3523
Delta R.T. -0.027 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

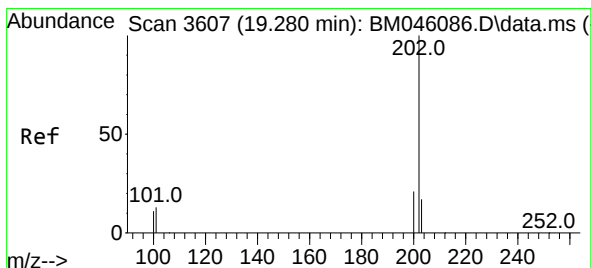
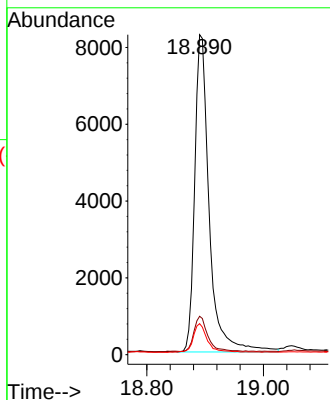
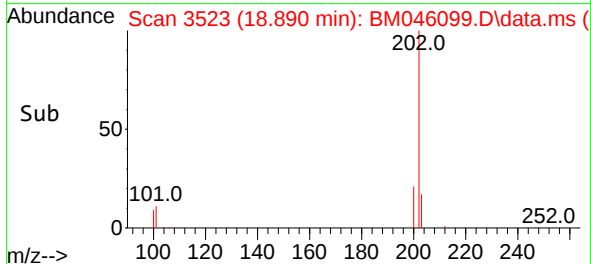
Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:202 Resp: 1425
Ion Ratio Lower Upper
202 100
101 12.0 9.6 14.4
100 9.7 7.6 11.4

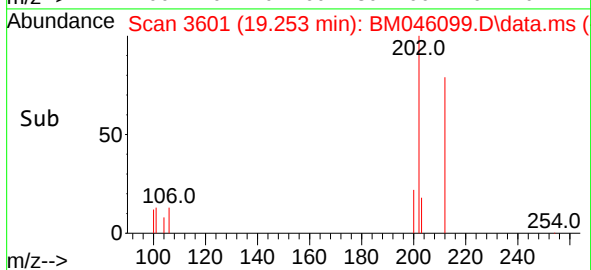
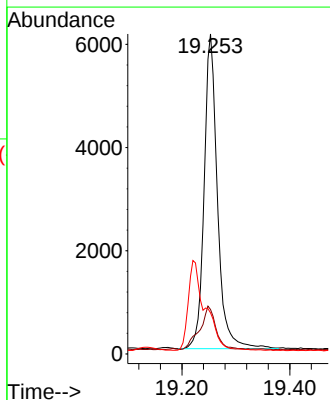
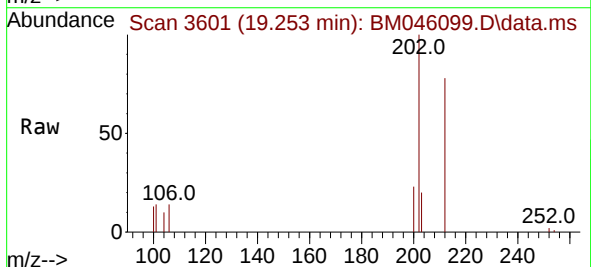
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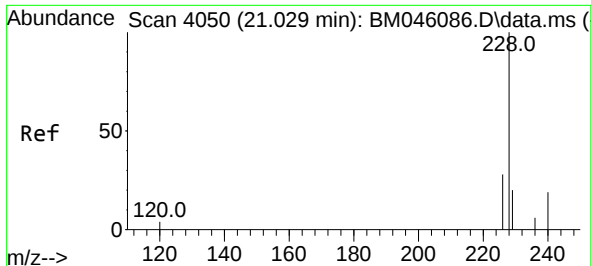
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#20
Pyrene
Concen: 0.307 ng/u1
RT: 19.253 min Scan# 3601
Delta R.T. -0.022 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

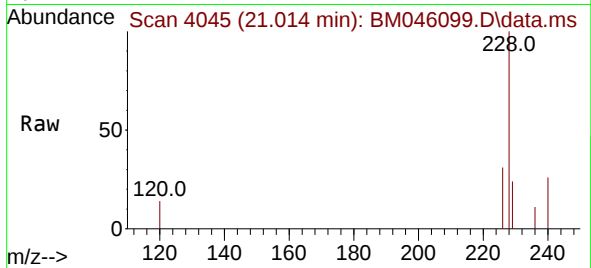
Tgt Ion:202 Resp: 10429
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 12.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.216 ng/ul
RT: 21.014 min Scan# 4050
Delta R.T. -0.015 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

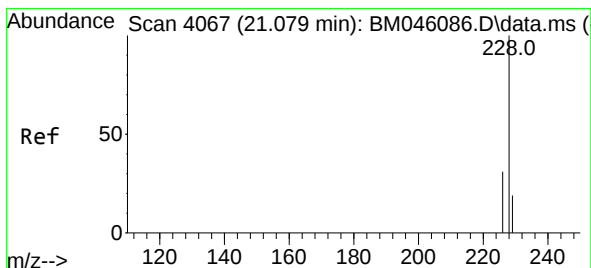
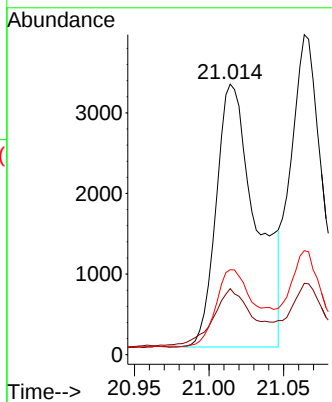
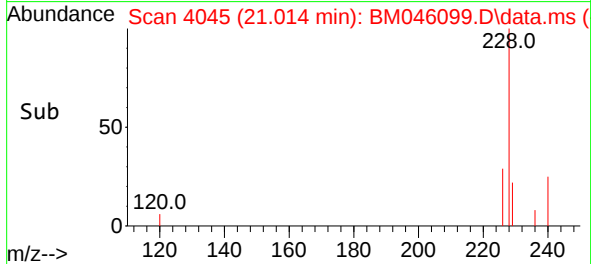
Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:228 Resp: 6051
Ion Ratio Lower Upper
228 100
229 24.4 16.4 24.6
226 31.4 23.4 35.2

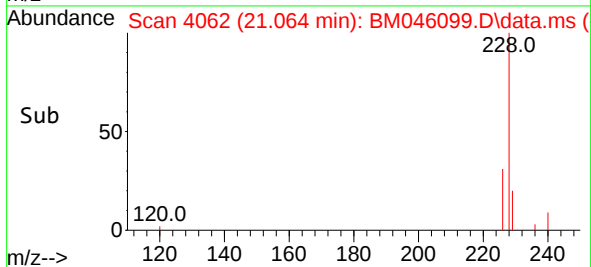
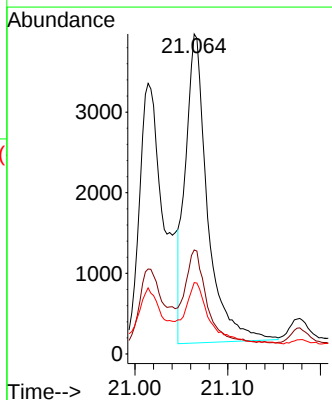
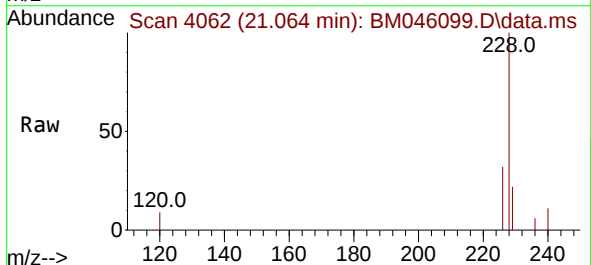
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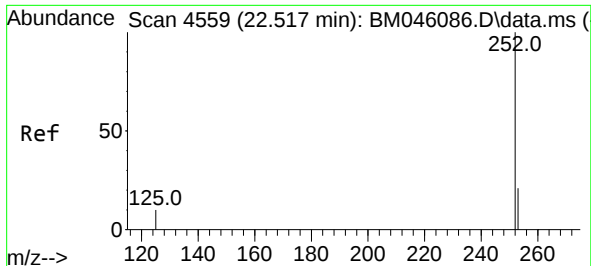
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#22
Chrysene
Concen: 0.177 ng/ul
RT: 21.064 min Scan# 4062
Delta R.T. -0.012 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

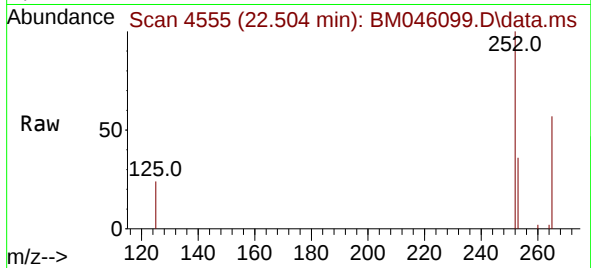
Tgt Ion:228 Resp: 6329
Ion Ratio Lower Upper
228 100
226 32.5 25.2 37.8
229 22.3 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 0.335 ng/ul m
RT: 22.504 min Scan# 4555
Delta R.T. -0.015 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

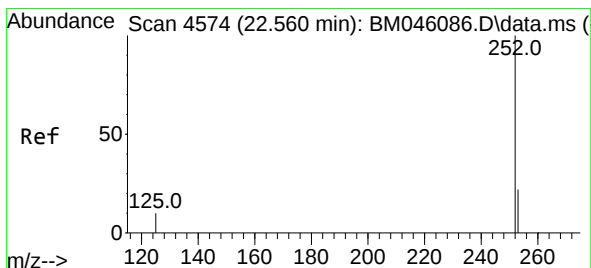
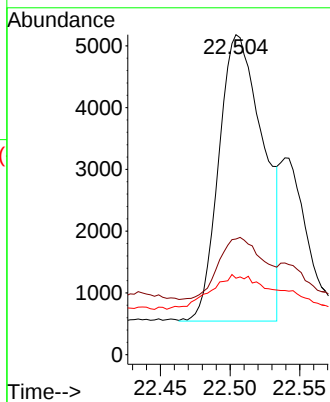
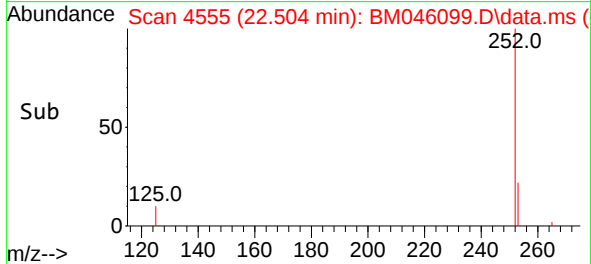
Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:252 Resp: 1028
Ion Ratio Lower Upper
252 100
253 36.2 0.0 65.8
125 23.9 0.0 40.2

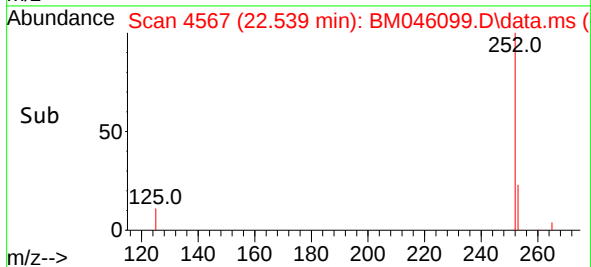
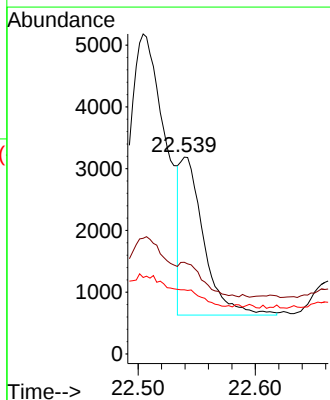
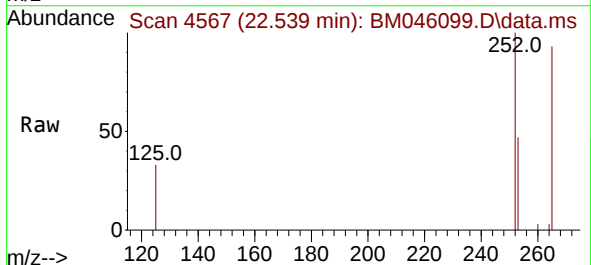
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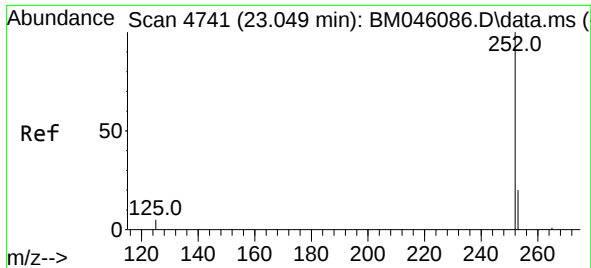
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.539 min Scan# 4567
Delta R.T. -0.024 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

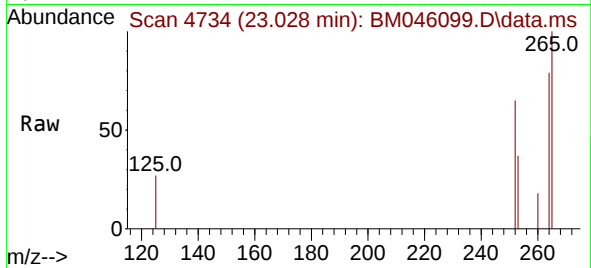
Tgt Ion:252 Resp: 3607
Ion Ratio Lower Upper
252 100
253 46.6 27.2 40.8#
125 32.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.028 min Scan# 4734
Delta R.T. -0.027 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

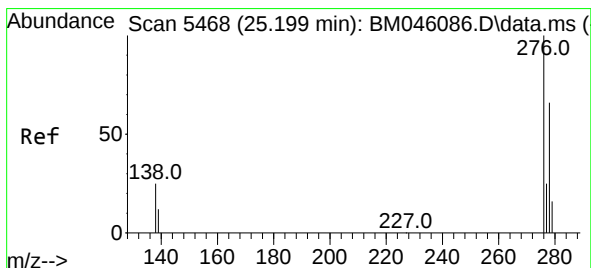
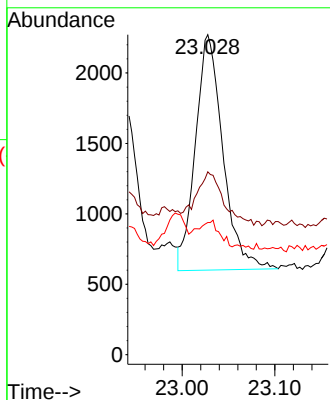
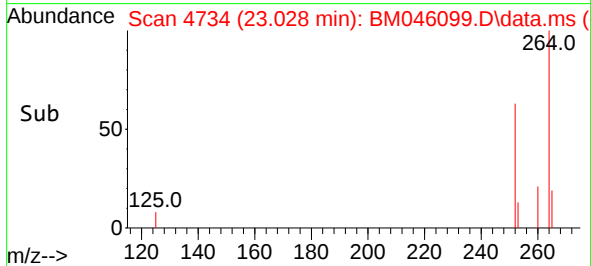
Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:252 Resp: 3438
Ion Ratio Lower Upper
252 100
253 57.2 32.1 48.1
125 41.3 21.2 31.8

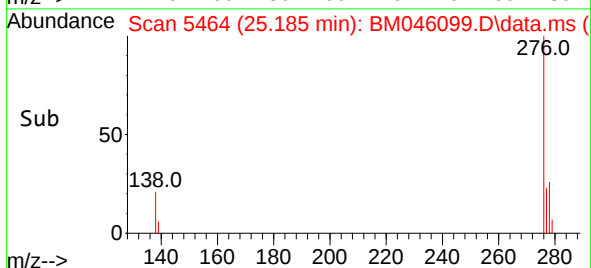
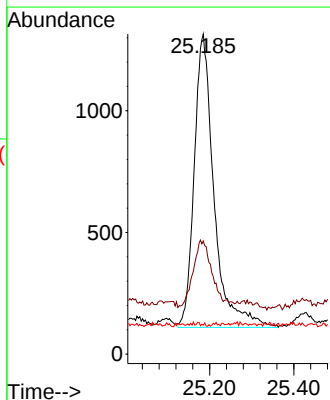
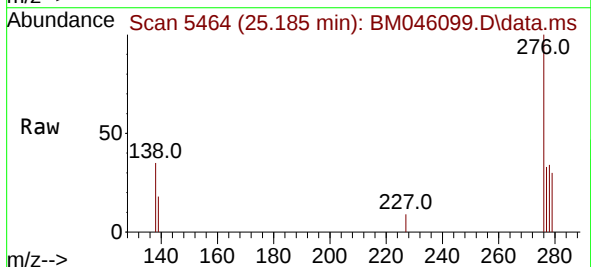
Manual Integrations
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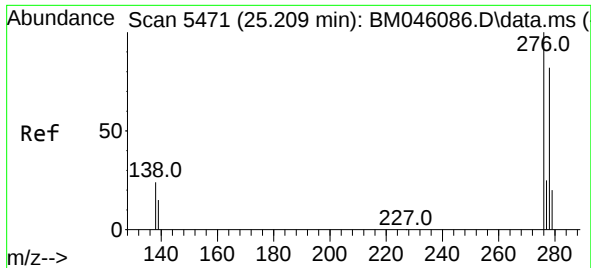
Reviewed By :Jagrut Upadhyay 06/20/2024
Supervised By :mohammad ahmed 06/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 25.185 min Scan# 5464
Delta R.T. -0.017 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

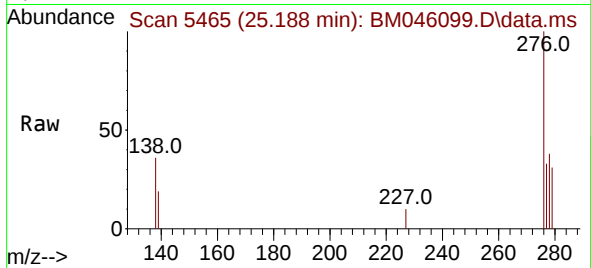
Tgt Ion:276 Resp: 3930
Ion Ratio Lower Upper
276 100
138 23.0 21.0 31.4
227 0.4 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.188 min Scan# 54
Delta R.T. -0.027 min
Lab File: BM046099.D
Acq: 19 Jun 2024 23:07

Instrument :
BNA_M
ClientSampleId :
A4BL1DL



Tgt Ion:278 Resp: 1200
Ion Ratio Lower Upper
278 100
139 49.2 17.6 26.4
279 80.6 26.3 39.5

Manual Integrations
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Supervised By :mohammad ahmed 06/21/2024

