

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045958.D
 Acq On : 10 Jun 2024 19:34
 Operator : MA/JU
 Sample : P2642-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/11/2024
 Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 22:48:38 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 : Mon Jun 10 22:47:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.455	152	4467	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.226	136	14312	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.107	164	7228	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.844	188	14481m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	11182m	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	11982m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	22154	4.354	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.842	152	4717	0.229	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	9112	0.272	ng/ul	-0.01
Target Compounds					Qvalue	
10) Acenaphthylene	13.821	152	2800	0.085	ng/ul#	92
12) Fluorene	15.158	166	572	0.021	ng/ul#	95
15) Phenanthrene	16.887	178	8438m	0.208	ng/ul	
16) Anthracene	16.979	178	2531m	0.073	ng/ul	
19) Fluoranthene	18.908	202	19373	0.434	ng/ul	100
20) Pyrene	19.270	202	17910m	0.385	ng/ul	
21) Benzo(a)anthracene	21.026	228	8835	0.215	ng/ul	92
22) Chrysene	21.079	228	10228	0.229	ng/ul	95
24) Benzo(b)fluoranthene	22.525	252	14710m	0.370	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	5099m	0.117	ng/ul	
26) Benzo(a)pyrene	23.051	252	9619	0.243	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.212	276	8189	0.160	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.219	278	1915	0.047	ng/ul#	20
29) Benzo(g,h,i)perylene	25.836	276	8275	0.188	ng/ul	93

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

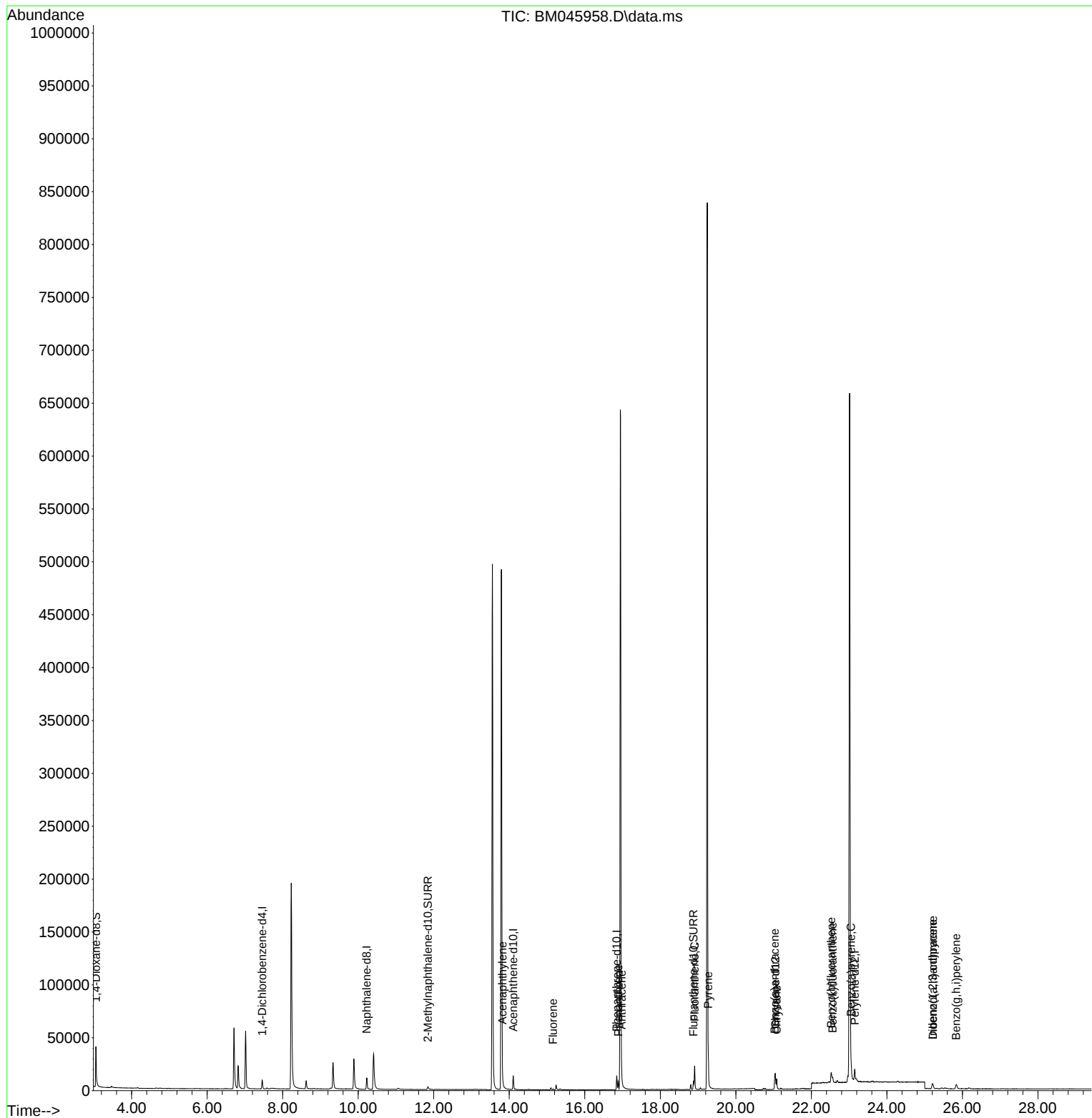
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045958.D
Acq On : 10 Jun 2024 19:34
Operator : MA/JU
Sample : P2642-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

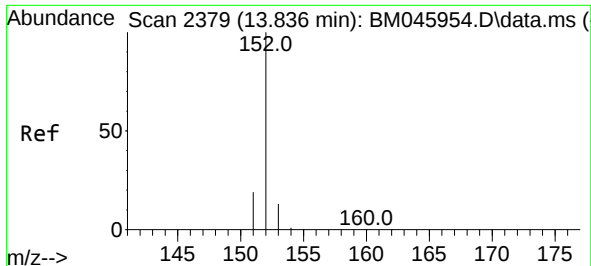
Instrument :
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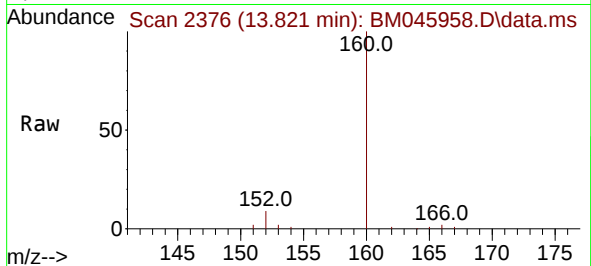
Quant Time: Jun 10 22:48:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 13.821 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Instrument :
BNA_M
ClientSampleId :
A4BH2

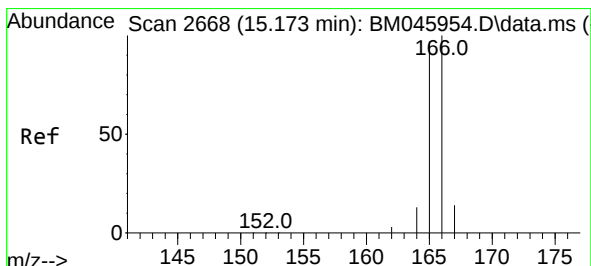
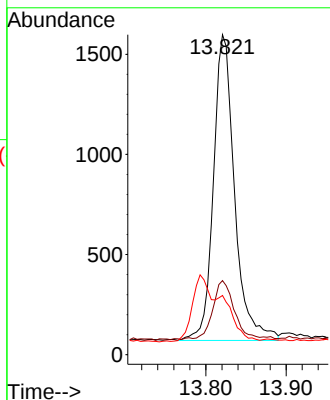
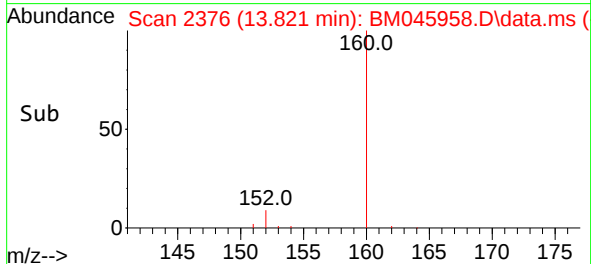


Tgt Ion:152 Resp: 2800

Ion	Ratio	Lower	Upper
152	100		
151	23.2	16.4	24.6
153	18.5	11.1	16.7

Manual Integrations
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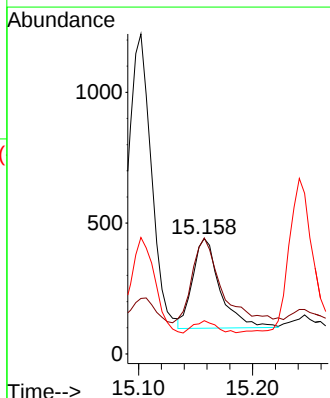
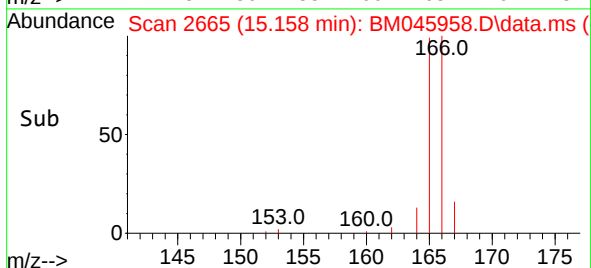
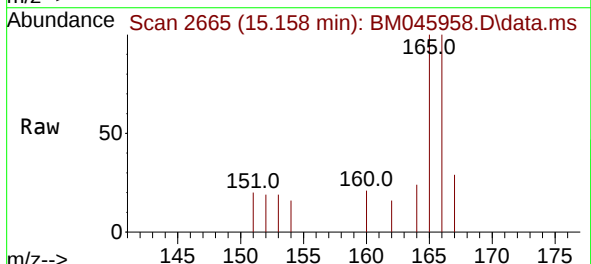
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

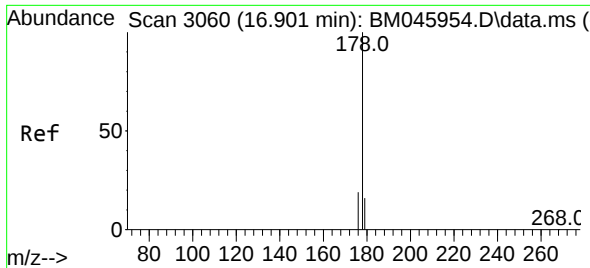


#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.158 min Scan# 2665
Delta R.T. -0.019 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:166 Resp: 572

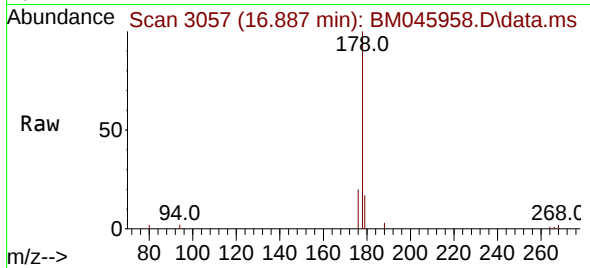
Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.7	119.5
167	28.8	11.3	16.9





#15
Phenanthrene
Concen: 0.208 ng/ul m
RT: 16.887 min Scan# 3060
Delta R.T. -0.017 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

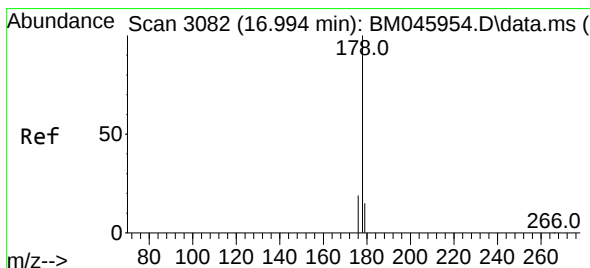
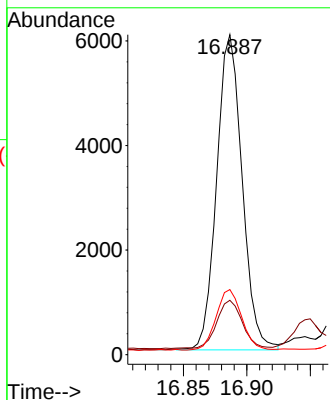
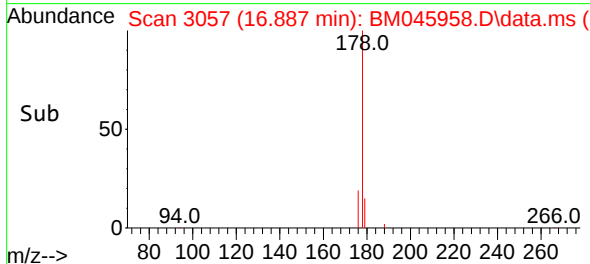
Instrument :
BNA_M
ClientSampleId :
A4BH2



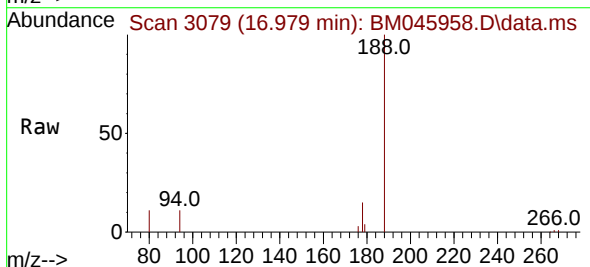
Tgt Ion:178 Resp: 8438
Ion Ratio Lower Upper
178 100
179 17.0 12.7 19.1
176 20.4 15.6 23.4

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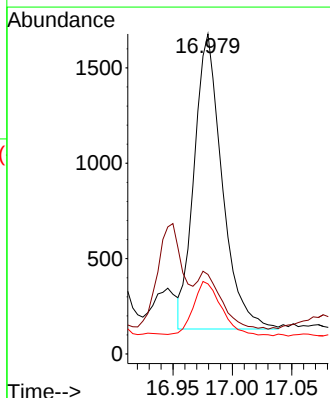
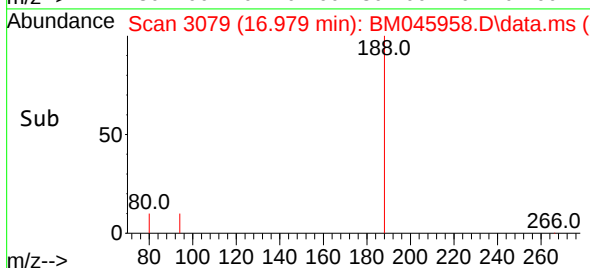
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

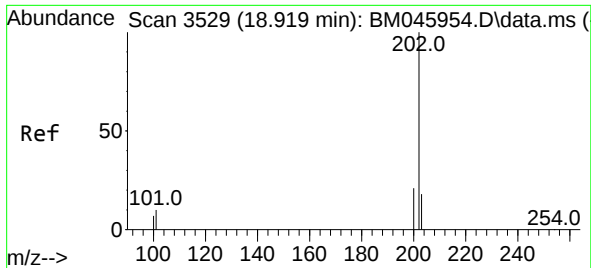


#16
Anthracene
Concen: 0.073 ng/ul m
RT: 16.979 min Scan# 3079
Delta R.T. -0.017 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34



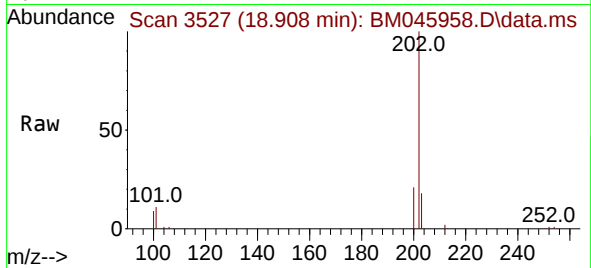
Tgt Ion:178 Resp: 2531
Ion Ratio Lower Upper
178 100
179 24.9 13.1 19.7#
176 21.9 15.5 23.3





#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 18.908 min Scan# 3527
Delta R.T. -0.014 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

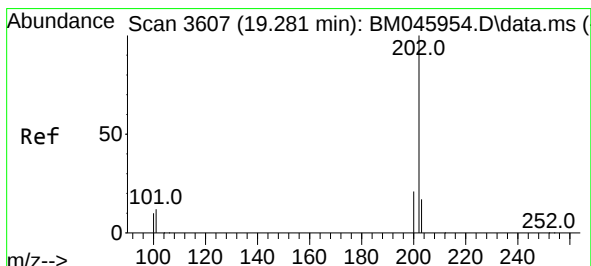
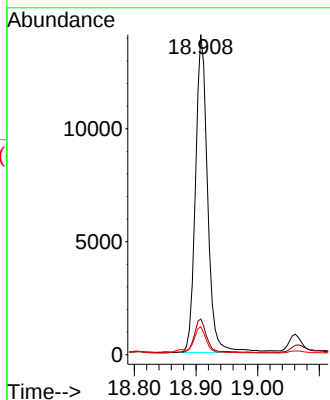
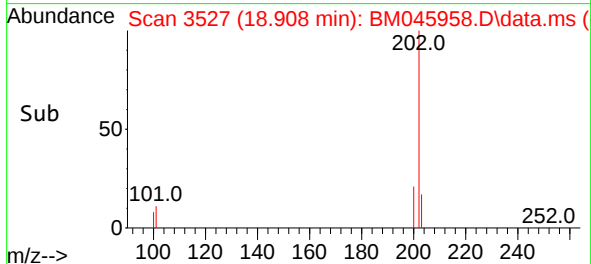
Instrument :
BNA_M
ClientSampleId :
A4BH2



Tgt Ion:202 Resp: 1937
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.6
100 8.7 7.0 10.6

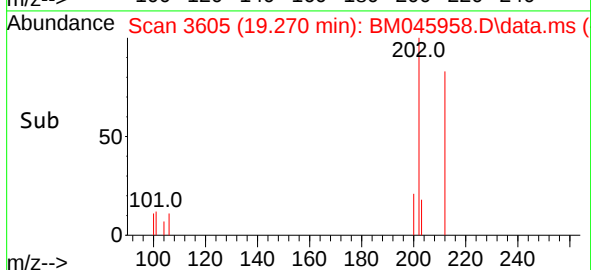
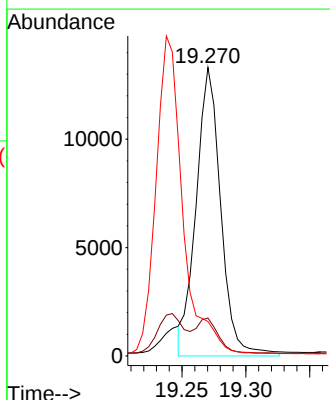
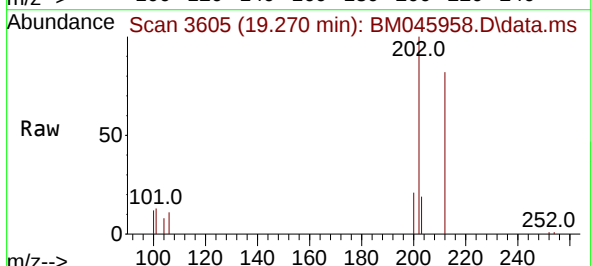
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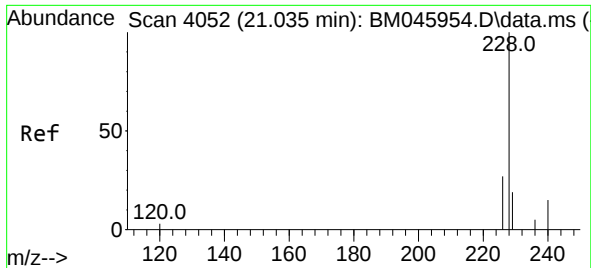
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.385 ng/ul m
RT: 19.270 min Scan# 3605
Delta R.T. -0.014 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

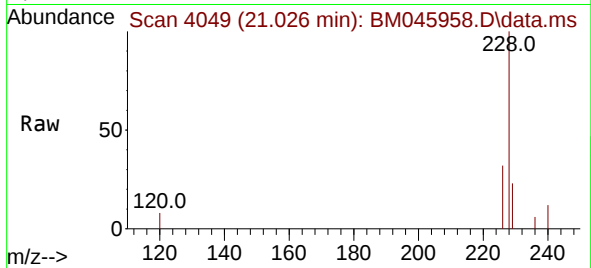
Tgt Ion:202 Resp: 17910
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 11.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.215 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

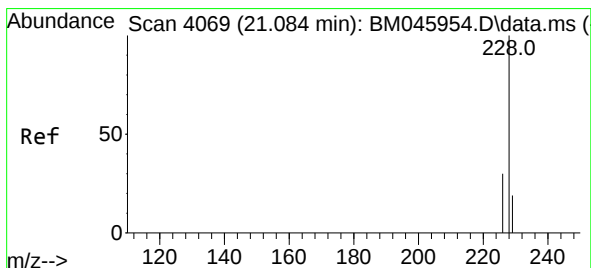
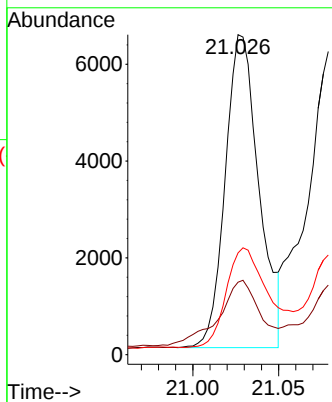
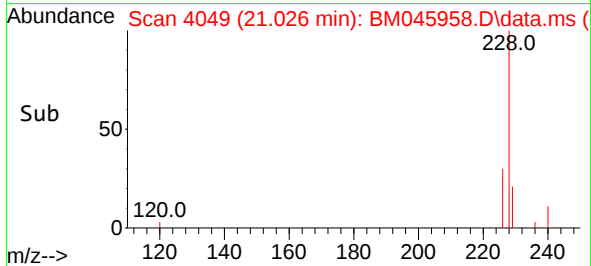
Instrument :
BNA_M
ClientSampleId :
A4BH2



Tgt Ion:228 Resp: 8835
Ion Ratio Lower Upper
228 100
229 22.7 15.7 23.5
226 31.8 22.0 33.0

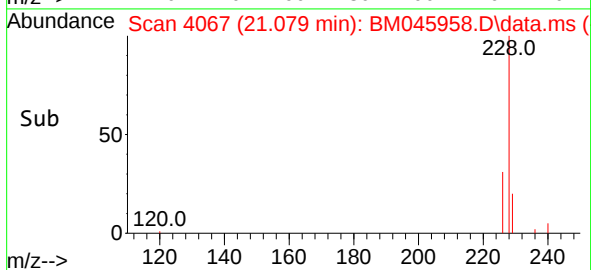
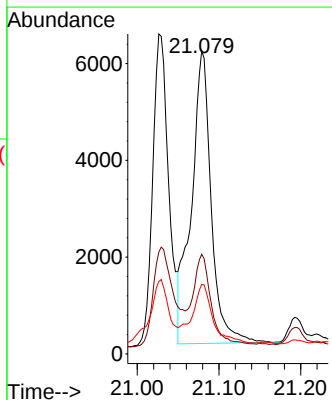
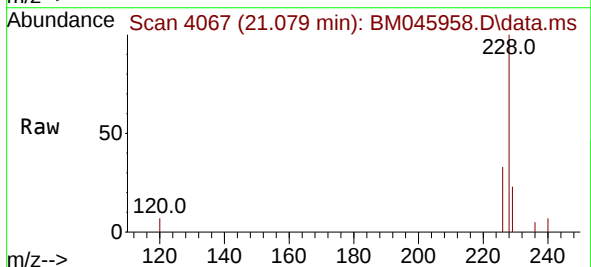
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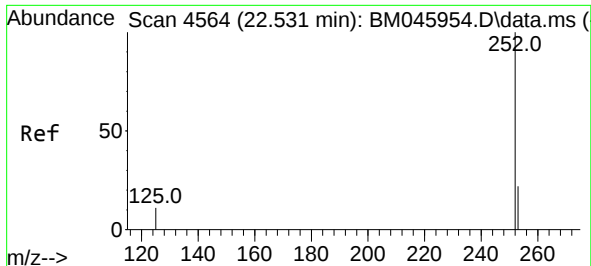
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.229 ng/ul
RT: 21.079 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

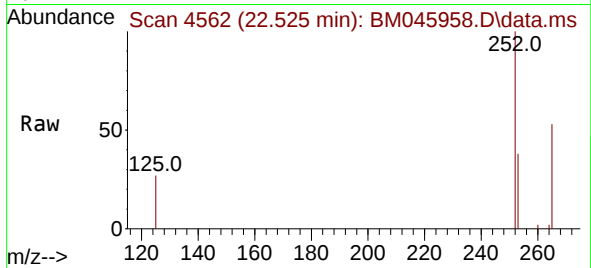
Tgt Ion:228 Resp: 10228
Ion Ratio Lower Upper
228 100
226 32.9 24.5 36.7
229 23.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

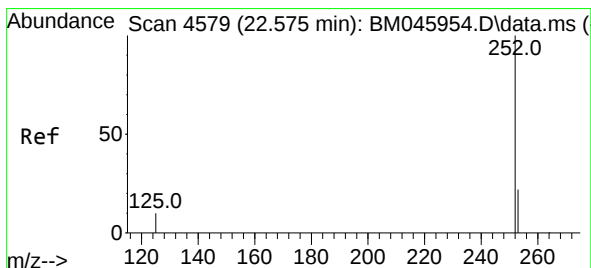
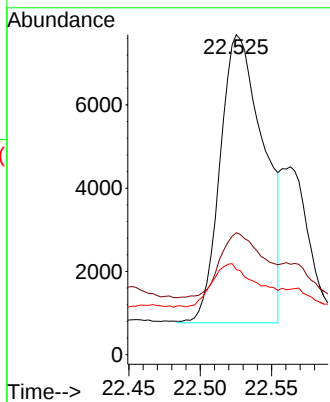
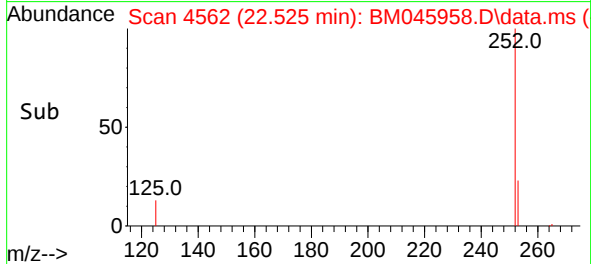
Instrument :
BNA_M
ClientSampleId :
A4BH2



Tgt Ion:252 Resp: 14710
Ion Ratio Lower Upper
252 100
253 38.1 0.0 63.6
125 26.6 0.0 35.8

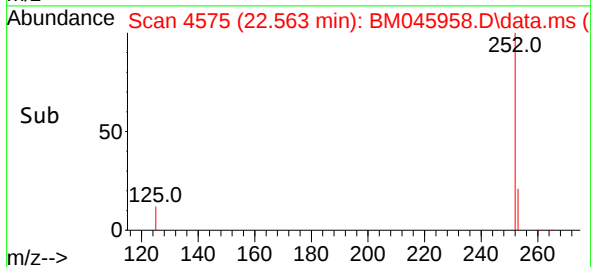
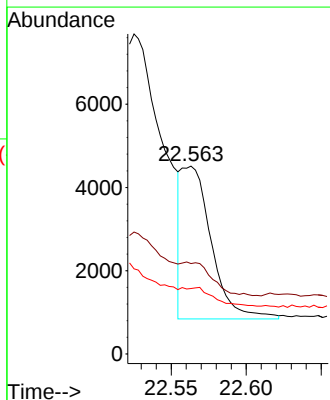
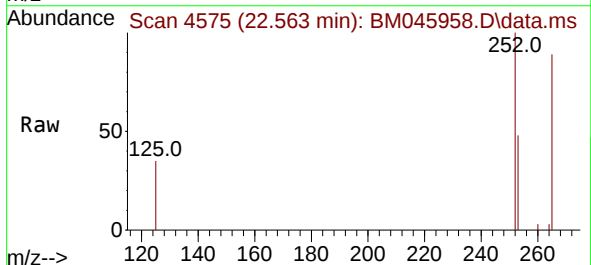
Manual Integrations
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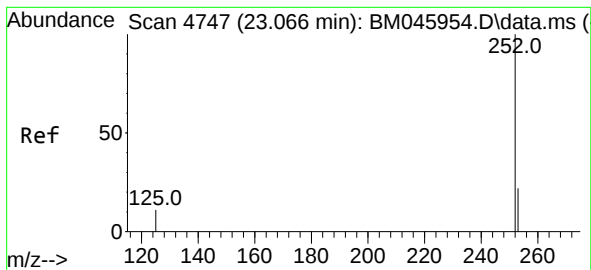
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.117 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

Tgt Ion:252 Resp: 5099
Ion Ratio Lower Upper
252 100
253 48.1 25.0 37.6#
125 34.8 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.243 ng/ul

RT: 23.051 min Scan# 4742

Delta R.T. -0.021 min

Lab File: BM045958.D

Acq: 10 Jun 2024 19:34

Instrument :

BNM

ClientSampleId :

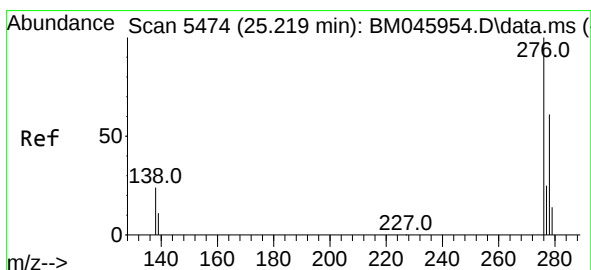
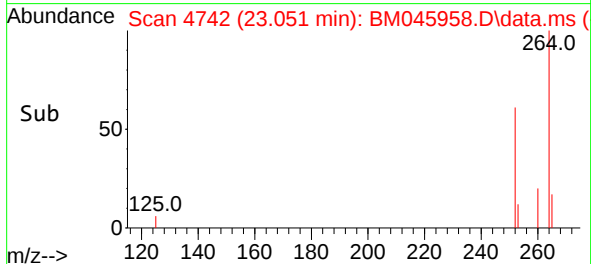
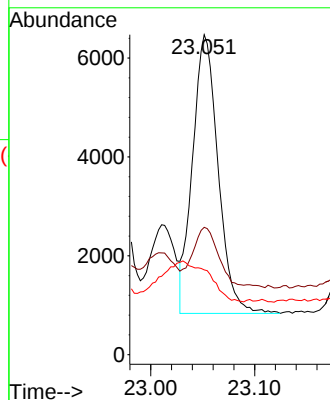
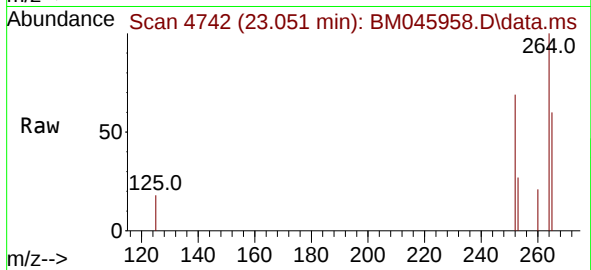
A4BH2

Tgt Ion:	252	Resp:	9619
Ion Ratio	Lower	Upper	
252	100		
253	39.8	28.8	43.2
125	26.5	17.3	25.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.160 ng/ul

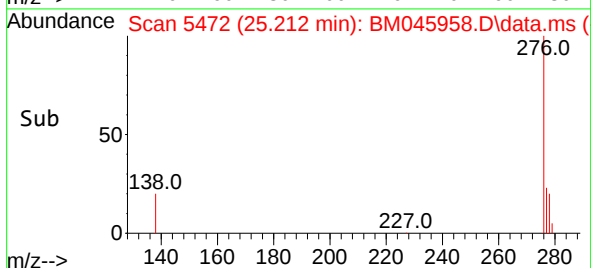
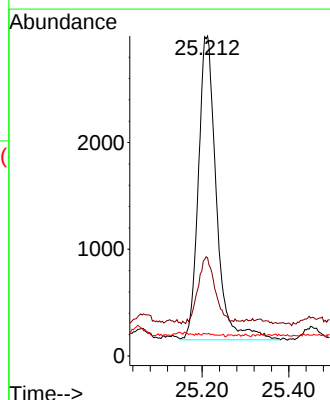
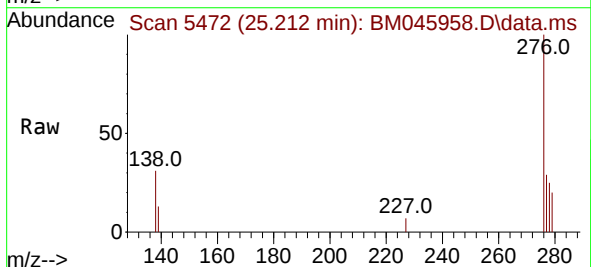
RT: 25.212 min Scan# 5472

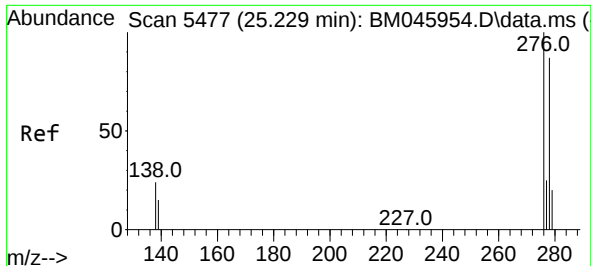
Delta R.T. -0.020 min

Lab File: BM045958.D

Acq: 10 Jun 2024 19:34

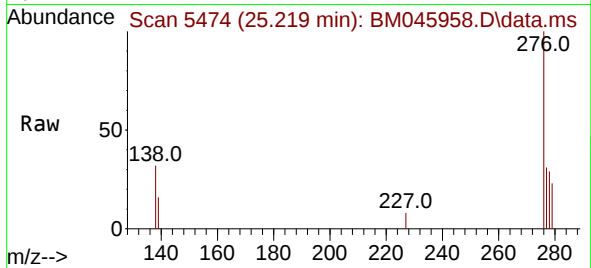
Tgt Ion:	276	Resp:	8189
Ion Ratio	Lower	Upper	
276	100		
138	20.6	20.7	31.1#
227	0.4	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.219 min Scan# 5477
Delta R.T. -0.030 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34

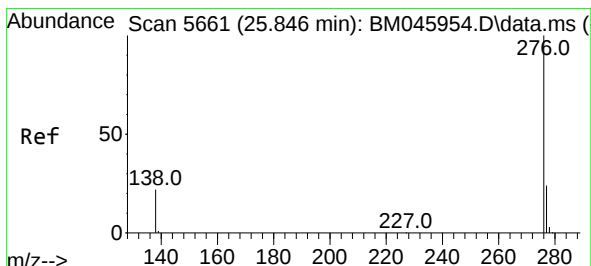
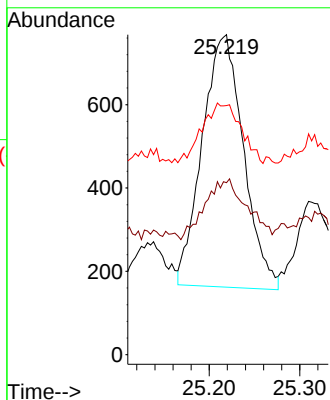
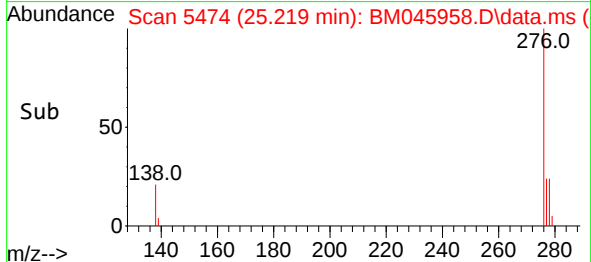
Instrument :
BNA_M
ClientSampleId :
A4BH2



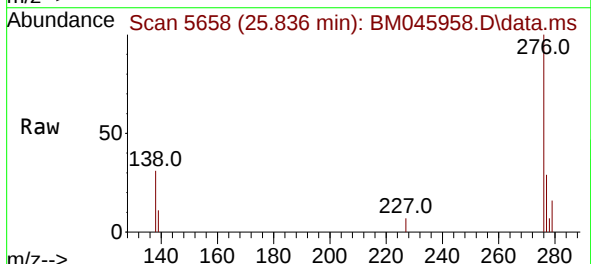
Tgt Ion:278 Resp: 191
Ion Ratio Lower Upper
278 100
139 53.8 16.6 25.0
279 77.9 24.6 37.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#29
Benzo(g,h,i)perylene
Concen: 0.188 ng/ul
RT: 25.836 min Scan# 5658
Delta R.T. -0.027 min
Lab File: BM045958.D
Acq: 10 Jun 2024 19:34



Tgt Ion:276 Resp: 8275
Ion Ratio Lower Upper
276 100
138 30.7 21.0 31.4
277 28.6 20.5 30.7

