

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045970.D
 Acq On : 11 Jun 2024 02:48
 Operator : MA/JU
 Sample : P2642-08DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH3DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 03:19:26 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	7.463	152	4382	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.244	136	14029	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.109	164	7649	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	12770	0.400	ng/ul	-0.02
17) Chrysene-d12	21.046	240	8848	0.400	ng/ul	0.00
23) Perylene-d12	23.148	264	10039m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	3070	0.615	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.866	152	669	0.033	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1202	0.045	ng/ul	-0.01
Target Compounds						
11) Acenaphthene	14.169	153	577	0.023	ng/ul#	95
12) Fluorene	15.164	166	748	0.026	ng/ul#	95
15) Phenanthrene	16.892	178	7427	0.207	ng/ul	99
16) Anthracene	16.985	178	2006	0.066	ng/ul#	83
19) Fluoranthene	18.914	202	7771	0.220	ng/ul	99
20) Pyrene	19.272	202	7061	0.192	ng/ul	97
21) Benzo(a)anthracene	21.032	228	2990	0.092	ng/ul#	89
22) Chrysene	21.081	228	2984	0.084	ng/ul#	92
24) Benzo(b)fluoranthene	22.528	252	3385m	0.102	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	1496m	0.041	ng/ul	
26) Benzo(a)pyrene	23.054	252	2613	0.079	ng/ul#	46
27) Indeno(1,2,3-cd)pyrene	25.212	276	1638	0.038	ng/ul#	92
29) Benzo(g,h,i)perylene	25.836	276	1640	0.044	ng/ul#	58

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

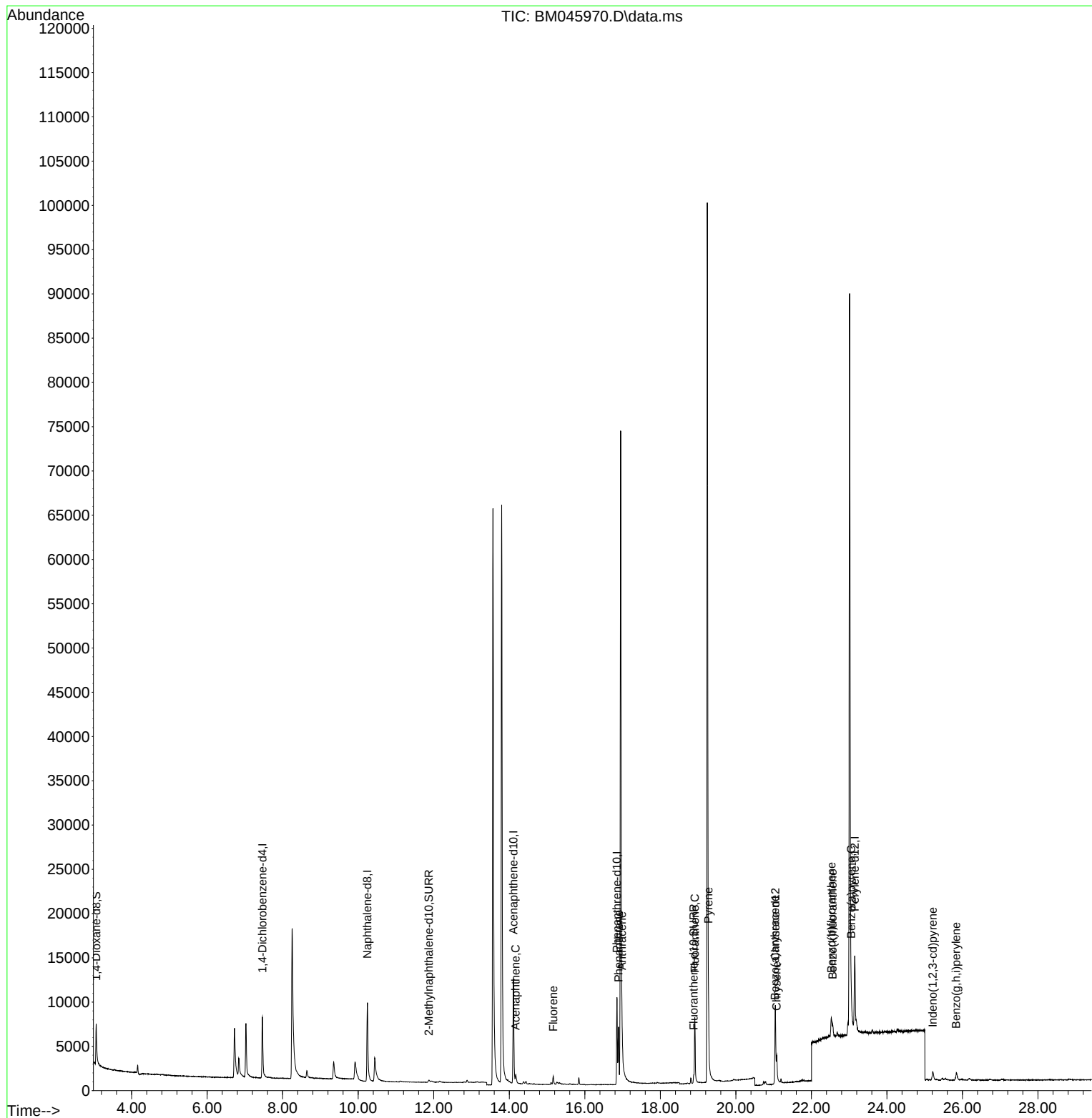
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045970.D
Acq On : 11 Jun 2024 02:48
Operator : MA/JU
Sample : P2642-08DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

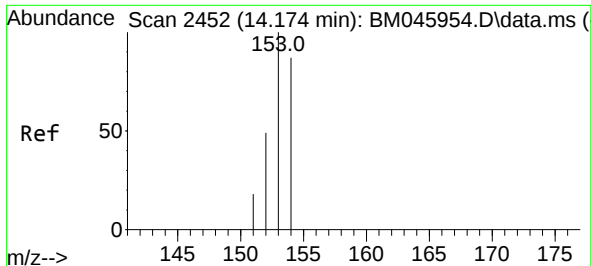
Instrument :
BNA_M
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A4BH3DL

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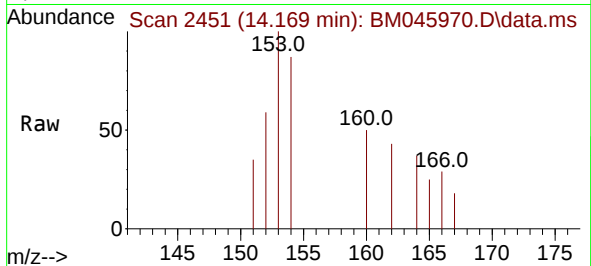
Quant Time: Jun 11 03:19:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.023 ng/u1
RT: 14.169 min Scan# 2451
Delta R.T. -0.013 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

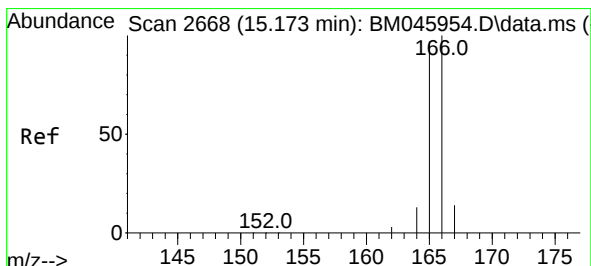
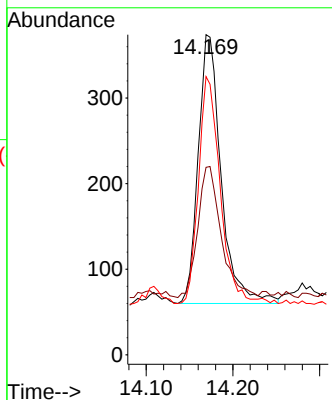
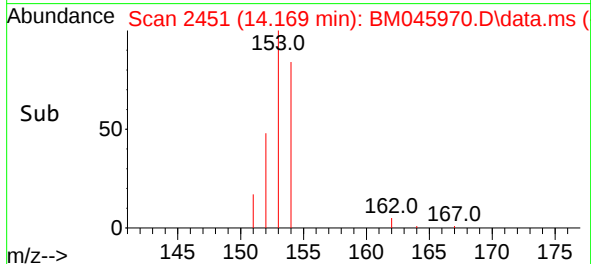
Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:153 Resp: 57
Ion Ratio Lower Upper
153 100
152 58.6 39.0 58.4
154 86.9 69.4 104.2

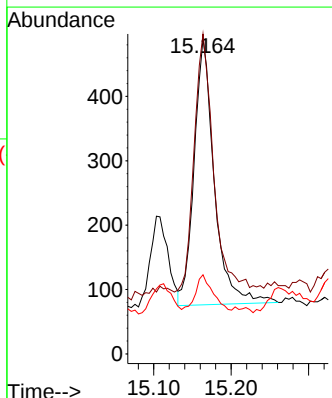
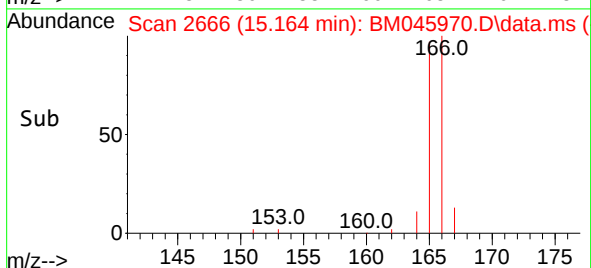
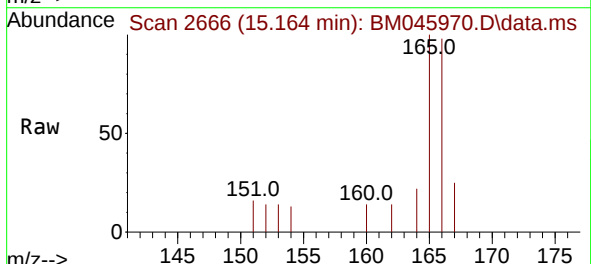
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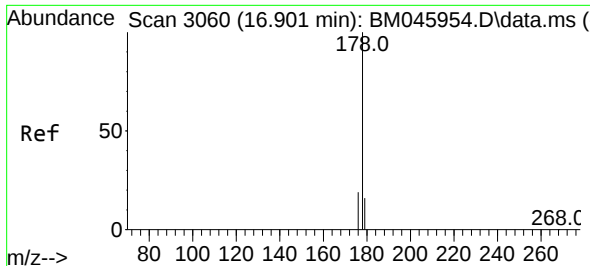
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.026 ng/u1
RT: 15.164 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

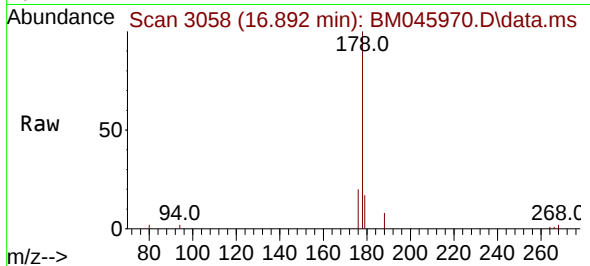
Tgt Ion:166 Resp: 748
Ion Ratio Lower Upper
166 100
165 101.6 79.7 119.5
167 25.2 11.3 16.9#





#15
Phenanthrene
Concen: 0.207 ng/ul
RT: 16.892 min Scan# 3058
Delta R.T. -0.011 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

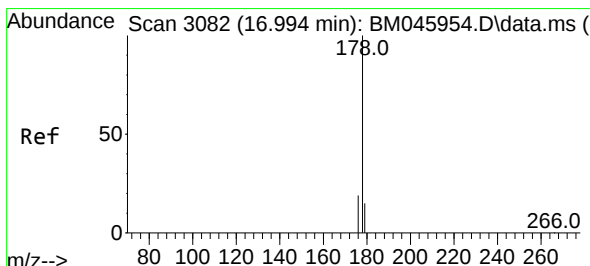
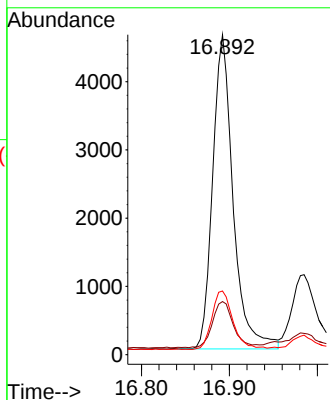
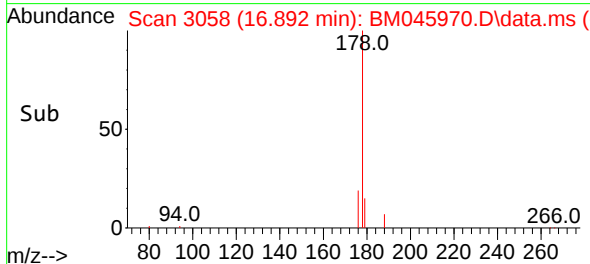
Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:178 Resp: 742
Ion Ratio Lower Upper
178 100
179 16.6 12.7 19.1
176 19.9 15.6 23.4

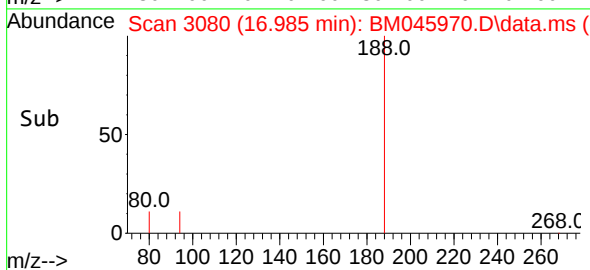
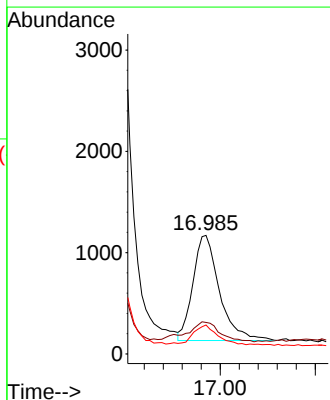
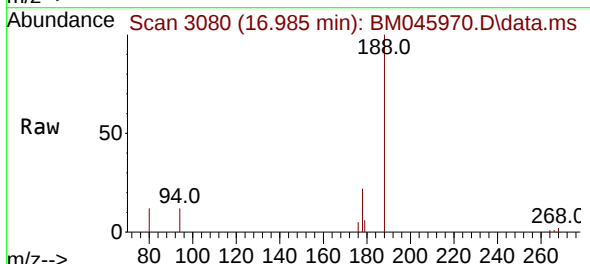
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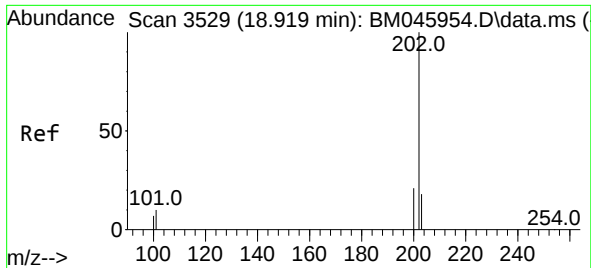
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.066 ng/ul
RT: 16.985 min Scan# 3080
Delta R.T. -0.011 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

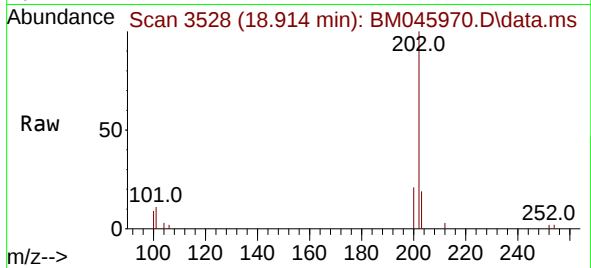
Tgt Ion:178 Resp: 2006
Ion Ratio Lower Upper
178 100
179 26.6 13.1 19.7#
176 24.4 15.5 23.3#





#19
Fluoranthene
Concen: 0.220 ng/u1
RT: 18.914 min Scan# 3529
Delta R.T. -0.008 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

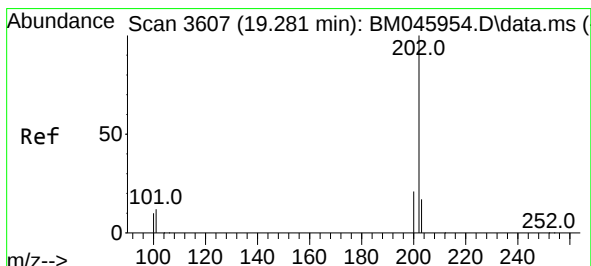
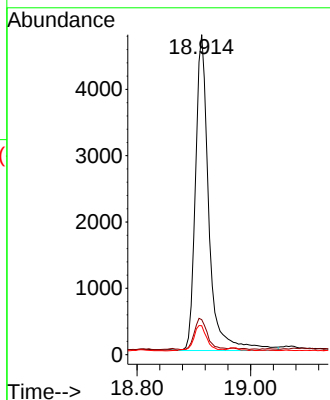
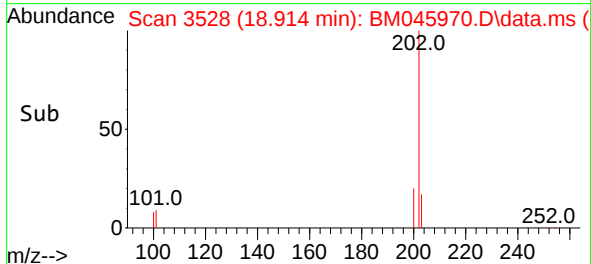
Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:202 Resp: 777
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.6
100 9.0 7.0 10.6

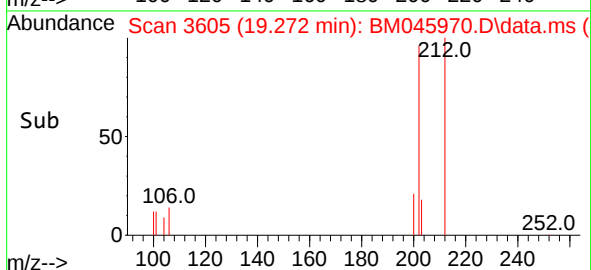
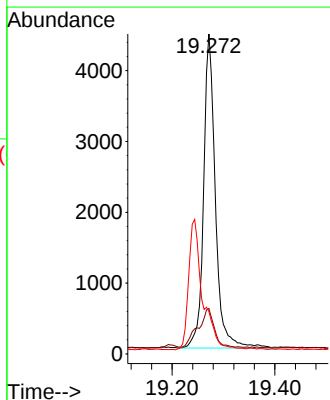
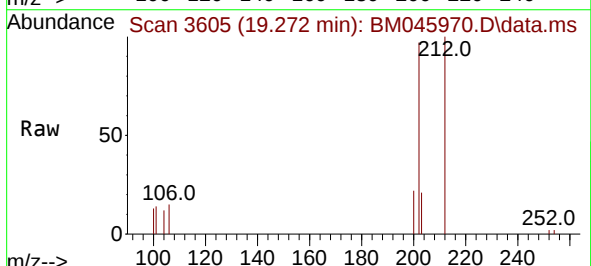
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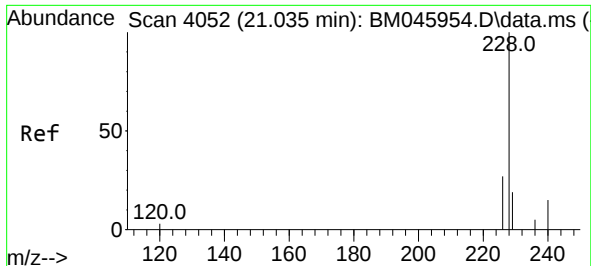
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.192 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

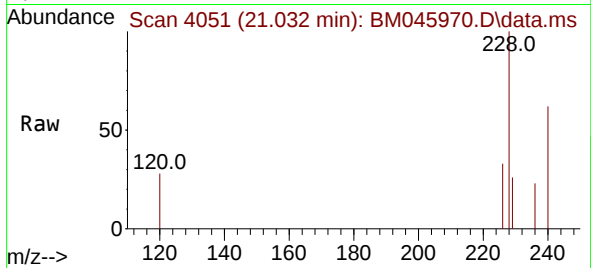
Tgt Ion:202 Resp: 7061
Ion Ratio Lower Upper
202 100
101 14.2 10.6 16.0
100 13.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.092 ng/ul
RT: 21.032 min Scan# 4051
Delta R.T. -0.003 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

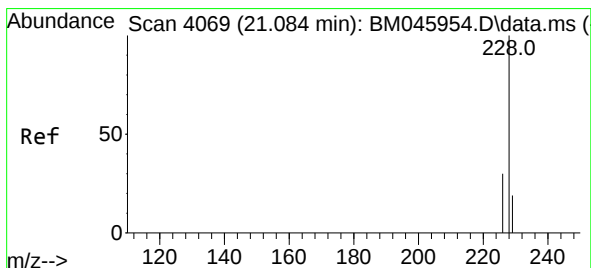
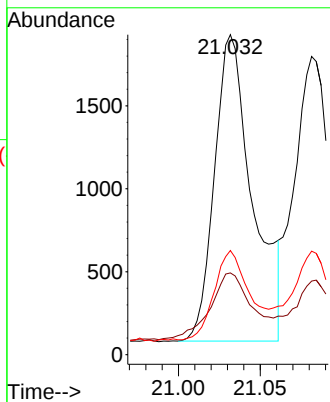
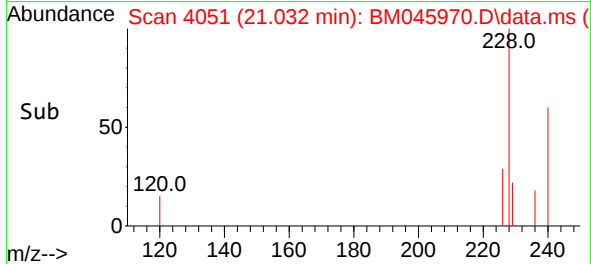
Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:228 Resp: 2990
Ion Ratio Lower Upper
228 100
229 25.6 15.7 23.5
226 32.6 22.0 33.0

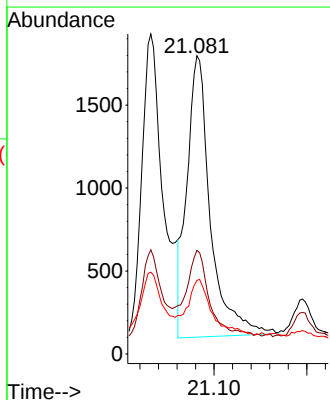
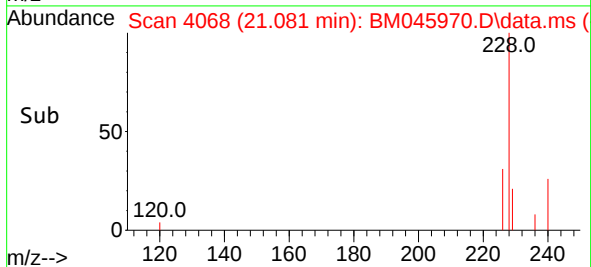
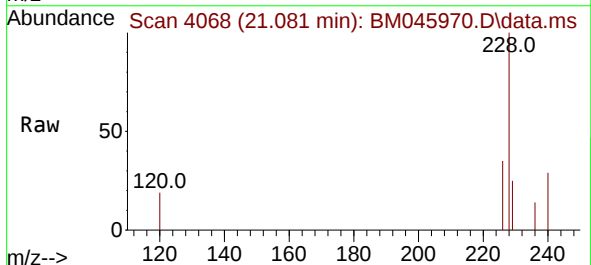
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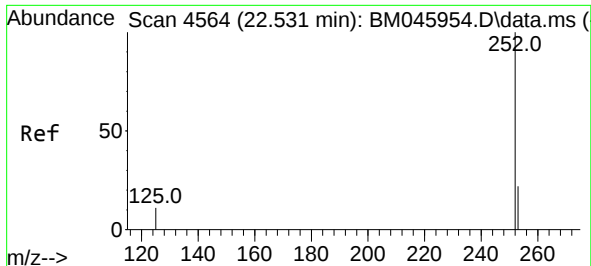
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.084 ng/ul
RT: 21.081 min Scan# 4068
Delta R.T. -0.006 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

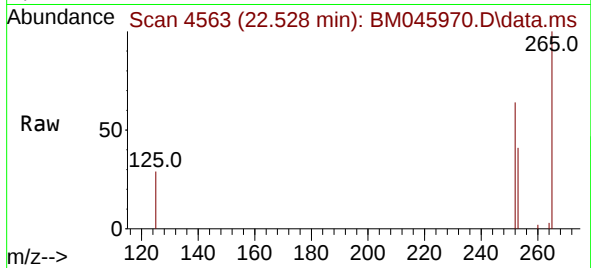
Tgt Ion:228 Resp: 2984
Ion Ratio Lower Upper
228 100
226 34.7 24.5 36.7
229 24.7 16.2 24.2#





#24
Benzo(b)fluoranthene
Concen: 0.102 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

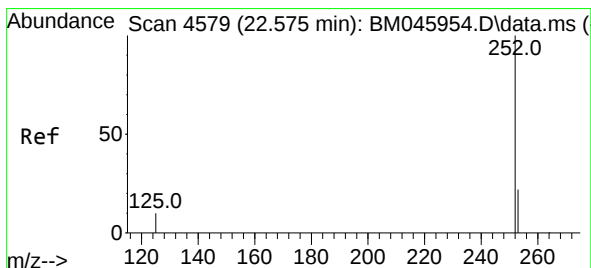
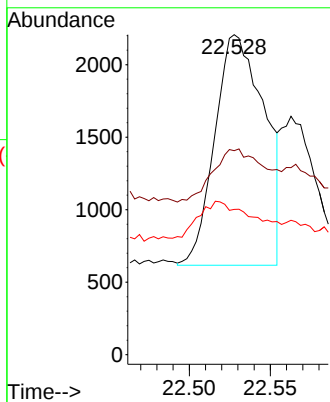
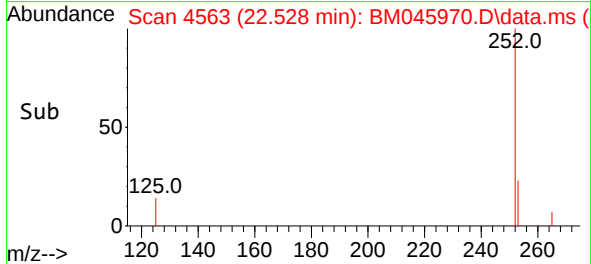
Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:252 Resp: 338
Ion Ratio Lower Upper
252 100
253 63.8 0.0 63.6
125 45.4 0.0 35.8

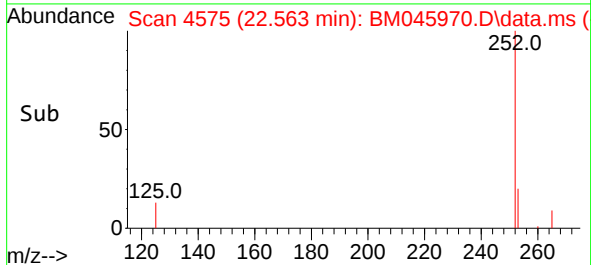
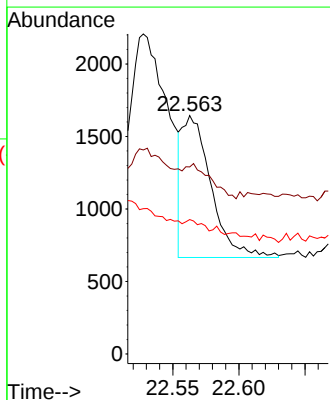
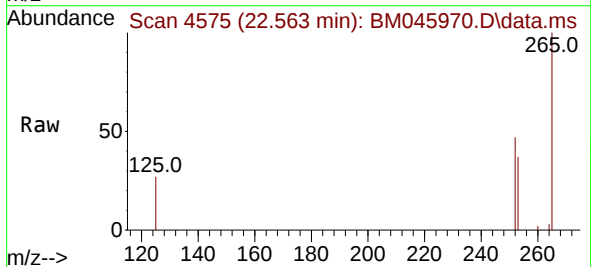
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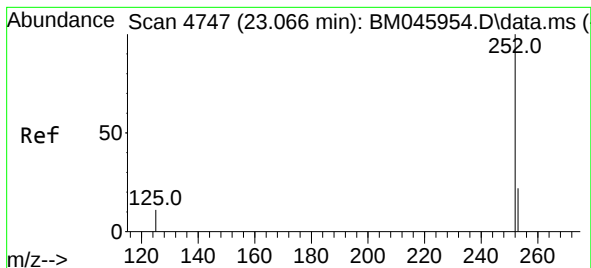
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.041 ng/ul m
RT: 22.563 min Scan# 4575
Delta R.T. -0.018 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

Tgt Ion:252 Resp: 1496
Ion Ratio Lower Upper
252 100
253 78.5 25.0 37.6#
125 56.4 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.079 ng/ul

RT: 23.054 min Scan# 4743

Delta R.T. -0.018 min

Lab File: BM045970.D

Acq: 11 Jun 2024 02:48

Instrument :

BNM

ClientSampleId :

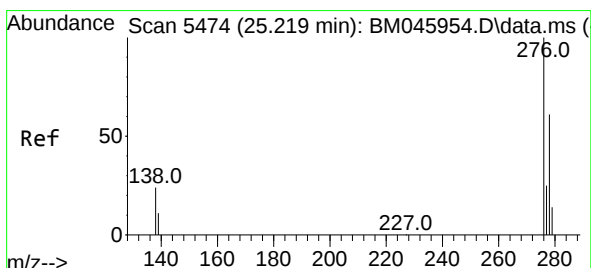
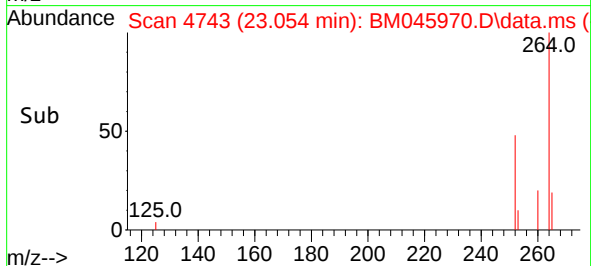
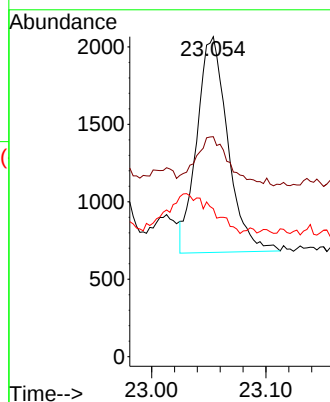
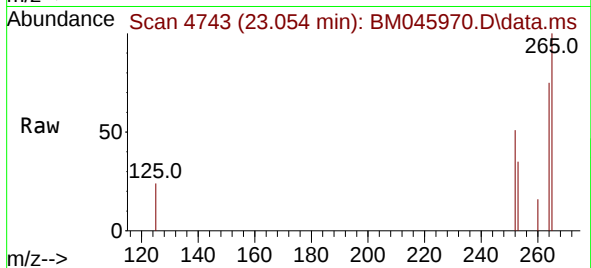
A4BH3DL

Tgt Ion:	252	Resp:	261
Ion Ratio	Lower	Upper	
252	100		
253	68.7	28.8	43.2
125	46.3	17.3	25.9

Manual Integrations

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Supervised By :mohammad ahmed 06/13/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

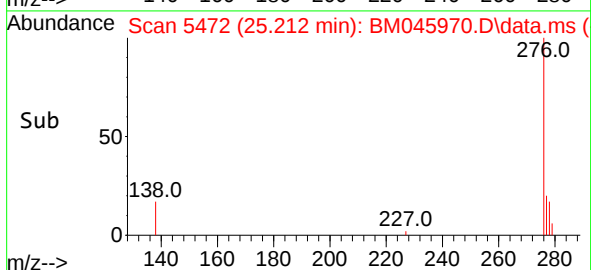
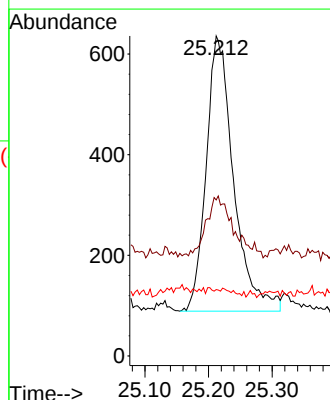
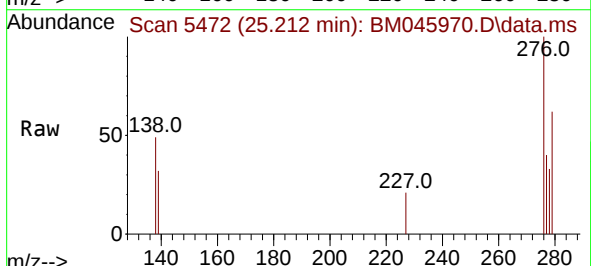
RT: 25.212 min Scan# 5472

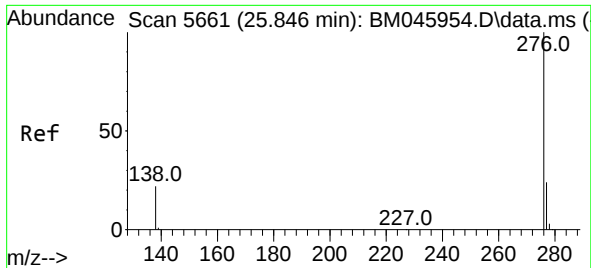
Delta R.T. -0.020 min

Lab File: BM045970.D

Acq: 11 Jun 2024 02:48

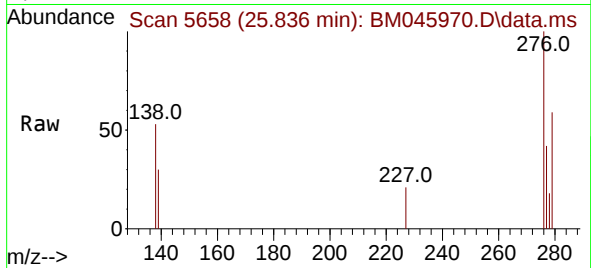
Tgt Ion:	276	Resp:	1638
Ion Ratio	Lower	Upper	
276	100		
138	21.8	20.7	31.1
227	0.7	0.2	0.2





#29
Benzo(g,h,i)perylene
Concen: 0.044 ng/ul
RT: 25.836 min Scan# 50
Delta R.T. -0.027 min
Lab File: BM045970.D
Acq: 11 Jun 2024 02:48

Instrument :
BNA_M
ClientSampleId :
A4BH3DL



Tgt Ion:276 Resp: 1640
Ion Ratio Lower Upper
276 100
138 52.7 21.0 31.4
277 41.7 20.5 30.7

Manual Integrations
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