

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
 Data File : BM045962.D
 Acq On : 10 Jun 2024 21:59
 Operator : MA/JU
 Sample : P2642-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BH1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 10 22:49:13 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	4367	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.243	136	13637	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.109	164	7086	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.850	188	12996	0.400	ng/ul	-0.02
17) Chrysene-d12	21.043	240	10418	0.400	ng/ul	0.00
23) Perylene-d12	23.147	264	11826m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	2931	0.589	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.866	152	563	0.029	ng/ul	0.02
18) Fluoranthene-d10	18.881	212	1077	0.035	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.287	128	1396	0.039	ng/ul#	79
10) Acenaphthylene	13.827	152	785	0.024	ng/ul#	70
11) Acenaphthene	14.174	153	2272	0.096	ng/ul	97
12) Fluorene	15.164	166	2346	0.089	ng/ul#	97
15) Phenanthrene	16.892	178	37546	1.029	ng/ul	99
16) Anthracene	16.985	178	6276	0.202	ng/ul#	92
19) Fluoranthene	18.909	202	45646	1.099	ng/ul	99
20) Pyrene	19.272	202	41874	0.966	ng/ul	97
21) Benzo(a)anthracene	21.026	228	16233	0.424	ng/ul	97
22) Chrysene	21.078	228	16265	0.391	ng/ul	97
24) Benzo(b)fluoranthene	22.528	252	19628m	0.500	ng/ul	
25) Benzo(k)fluoranthene	22.560	252	8501m	0.197	ng/ul	
26) Benzo(a)pyrene	23.054	252	14967	0.384	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.212	276	10605	0.210	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.212	278	2120	0.053	ng/ul#	40
29) Benzo(g,h,i)perylene	25.832	276	10800	0.248	ng/ul	96

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

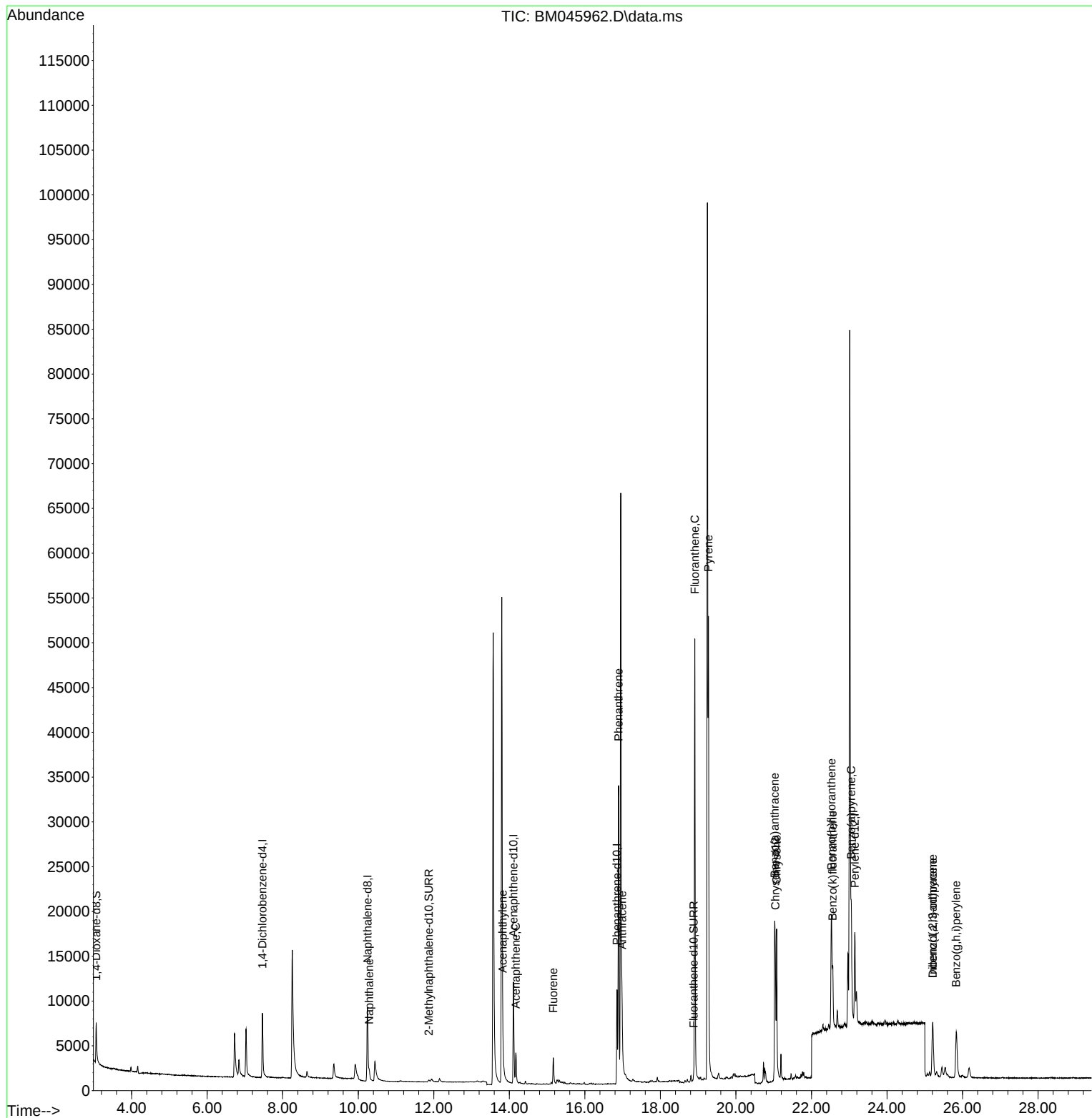
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061024\
Data File : BM045962.D
Acq On : 10 Jun 2024 21:59
Operator : MA/JU
Sample : P2642-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

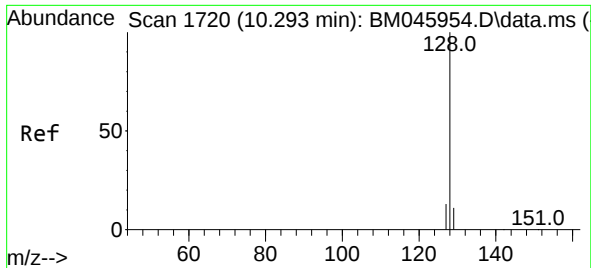
Instrument :
BNA_M
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A4BH1DL

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Supervised By :mohammad ahmed 06/13/2024

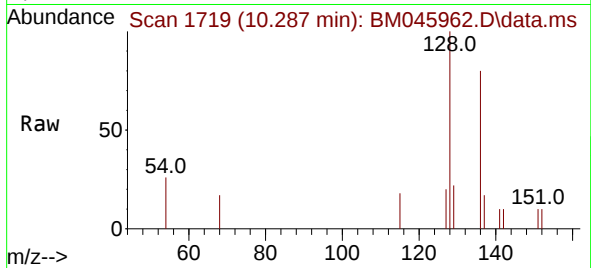
Quant Time: Jun 10 22:49:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 22:47:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.039 ng/u1
RT: 10.287 min Scan# 1719
Delta R.T. -0.015 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

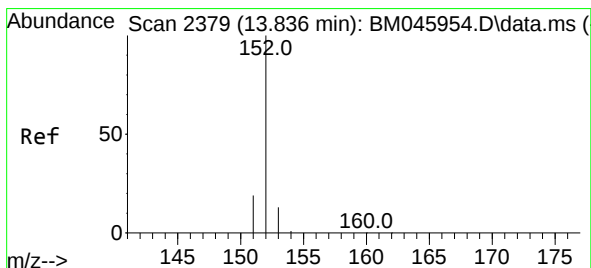
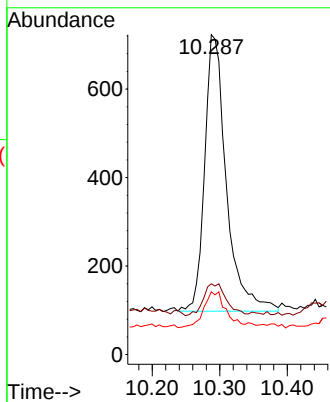
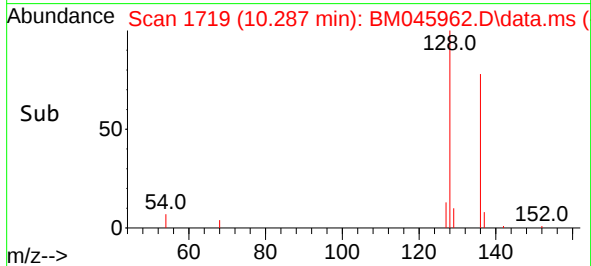
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



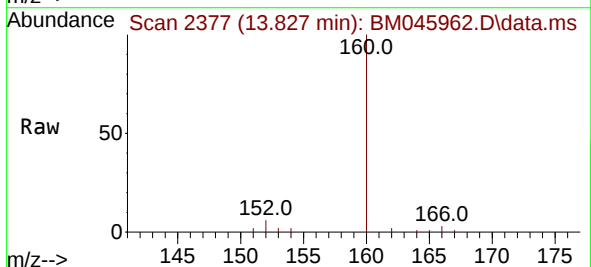
Tgt Ion:128 Resp: 1390
Ion Ratio Lower Upper
128 100
129 22.1 9.4 14.0#
127 19.6 10.6 15.8#

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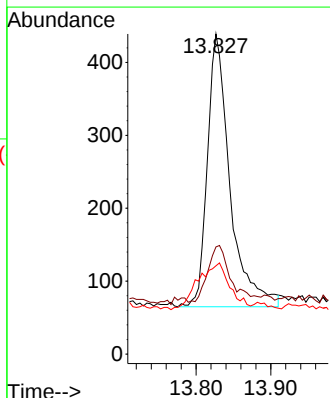
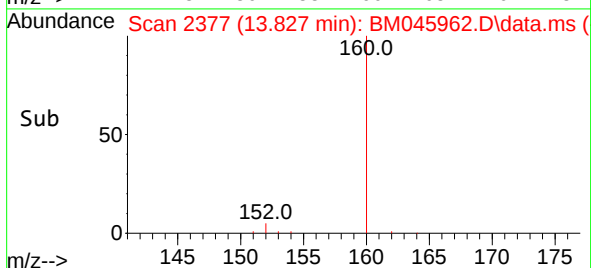
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024

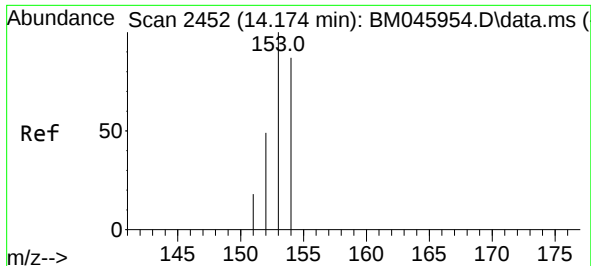


#10
Acenaphthylene
Concen: 0.024 ng/u1
RT: 13.827 min Scan# 2377
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59



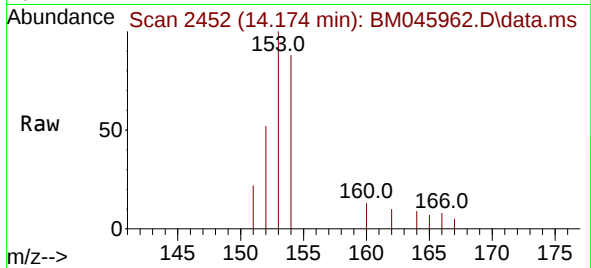
Tgt Ion:152 Resp: 785
Ion Ratio Lower Upper
152 100
151 33.5 16.4 24.6#
153 27.6 11.1 16.7#





#11
Acenaphthene
Concen: 0.096 ng/u1
RT: 14.174 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

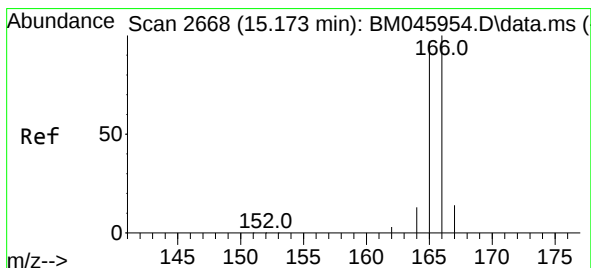
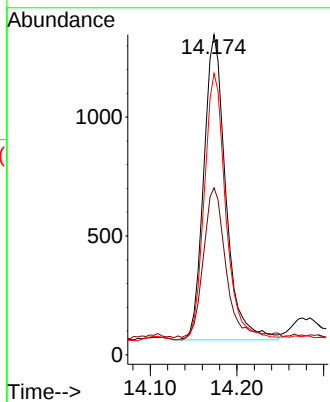
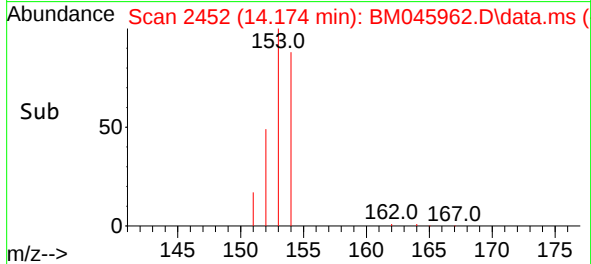
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



Tgt Ion:153 Resp: 2272
Ion Ratio Lower Upper
153 100
152 52.2 39.0 58.4
154 87.9 69.4 104.2

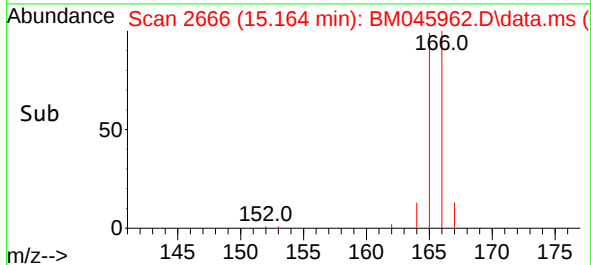
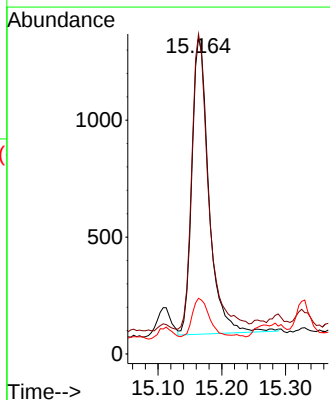
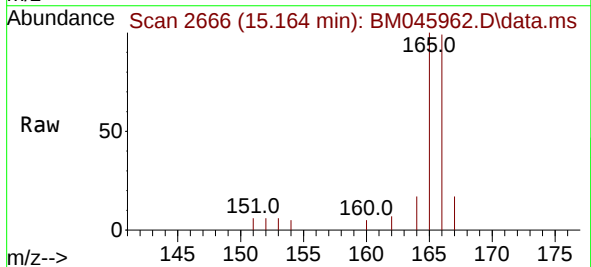
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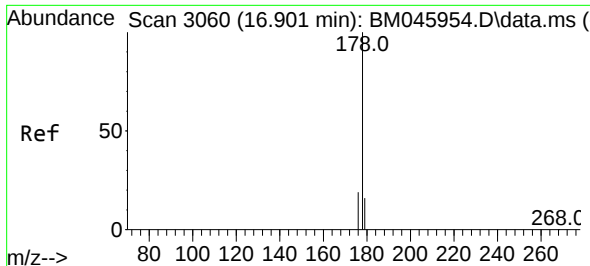
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#12
Fluorene
Concen: 0.089 ng/u1
RT: 15.164 min Scan# 2666
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

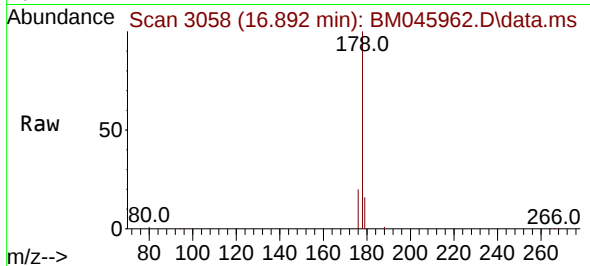
Tgt Ion:166 Resp: 2346
Ion Ratio Lower Upper
166 100
165 101.3 79.7 119.5
167 17.6 11.3 16.9#





#15
Phenanthrene
Concen: 1.029 ng/u1
RT: 16.892 min Scan# 3058
Delta R.T. -0.011 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

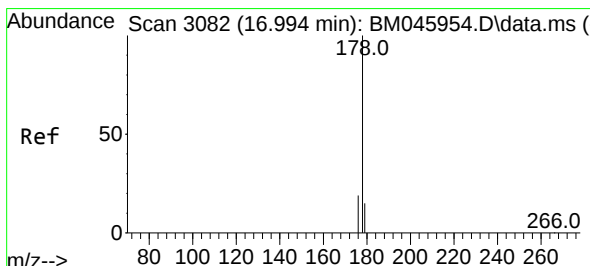
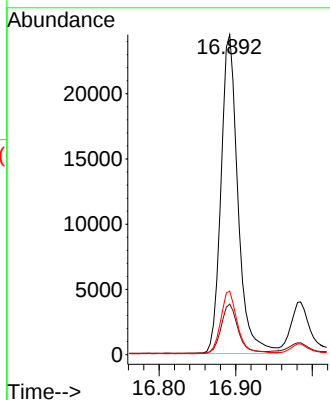
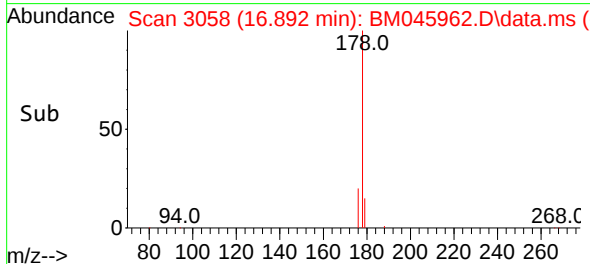
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



Tgt Ion:178 Resp: 37540
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 19.9 15.6 23.4

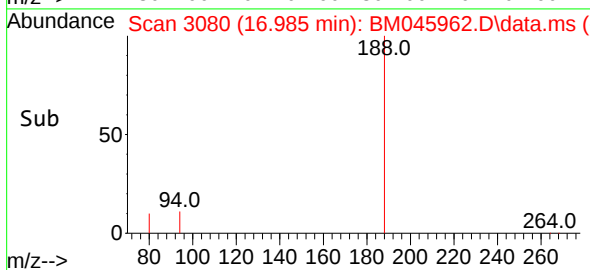
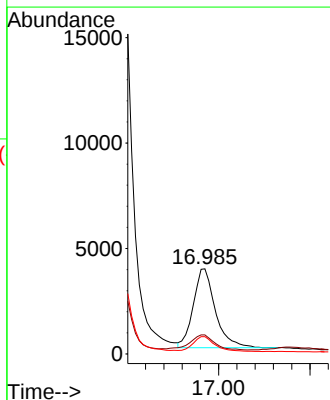
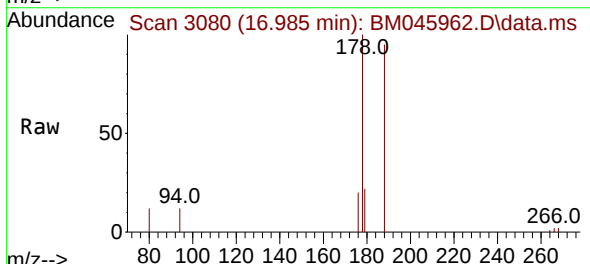
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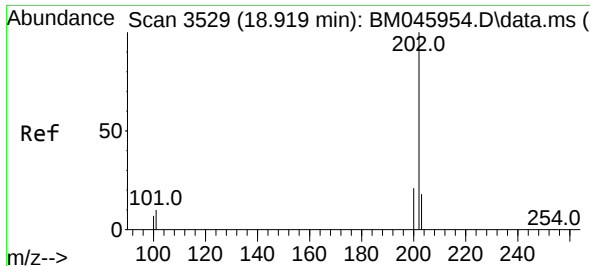
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#16
Anthracene
Concen: 0.202 ng/u1
RT: 16.985 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

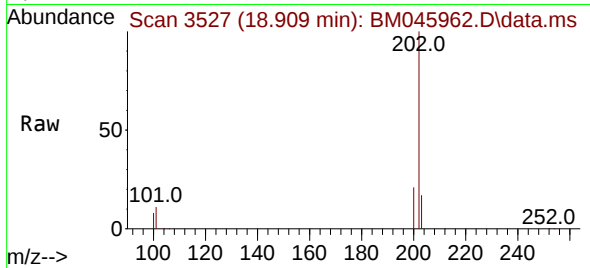
Tgt Ion:178 Resp: 6276
Ion Ratio Lower Upper
178 100
179 22.4 13.1 19.7#
176 20.3 15.5 23.3





#19
Fluoranthene
Concen: 1.099 ng/u1
RT: 18.909 min Scan# 3527
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

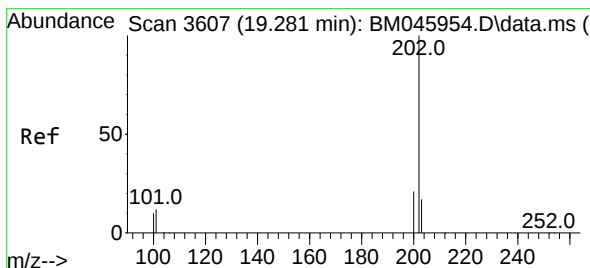
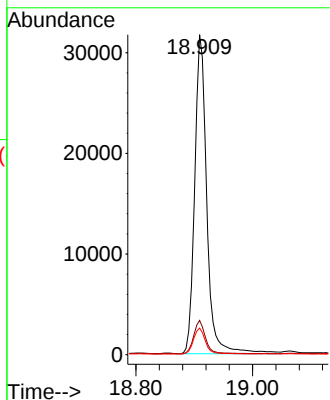
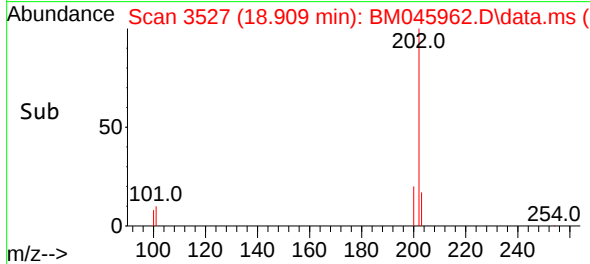
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



Tgt Ion:202 Resp: 45640
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.6
100 8.3 7.0 10.6

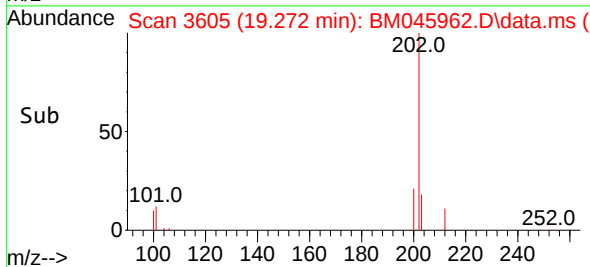
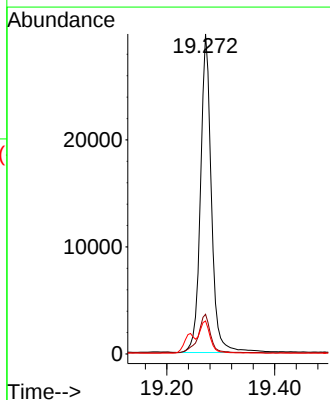
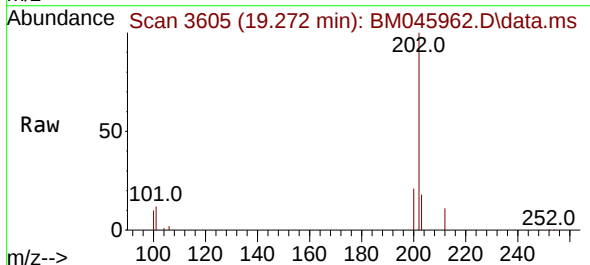
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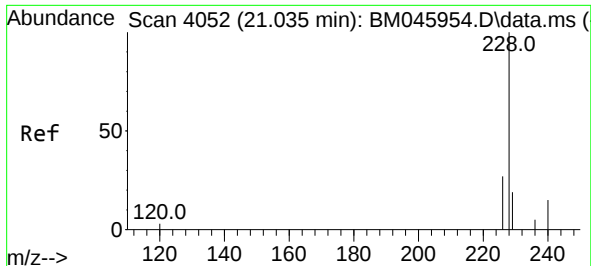
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#20
Pyrene
Concen: 0.966 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.013 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

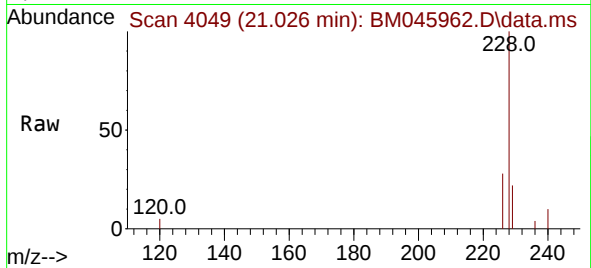
Tgt Ion:202 Resp: 41874
Ion Ratio Lower Upper
202 100
101 12.4 10.6 16.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.026 min Scan# 4052
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

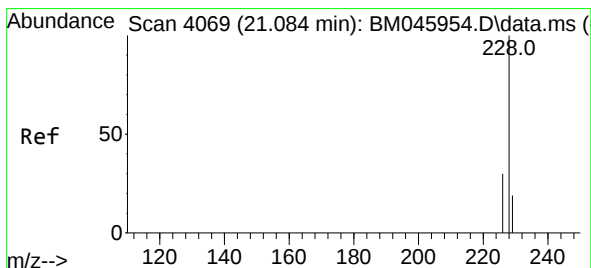
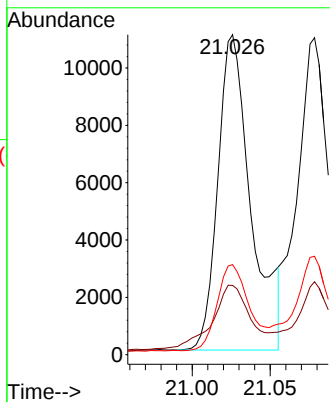
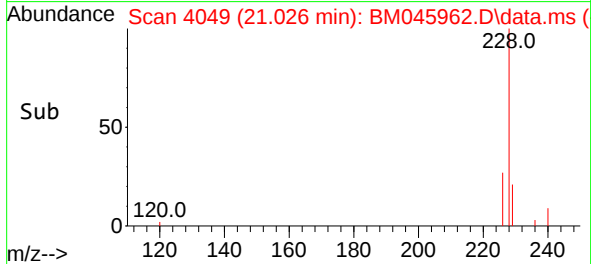
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



Tgt Ion:228 Resp: 1623
Ion Ratio Lower Upper
228 100
229 21.6 15.7 23.5
226 28.1 22.0 33.0

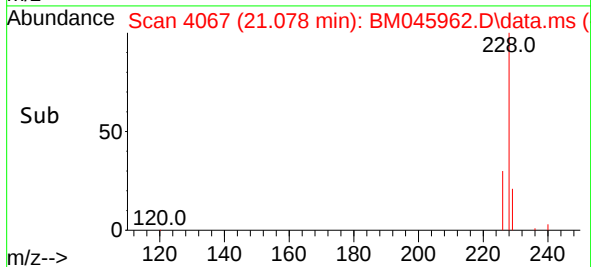
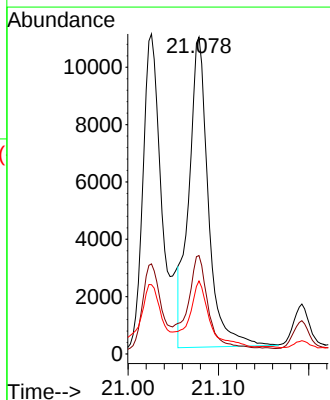
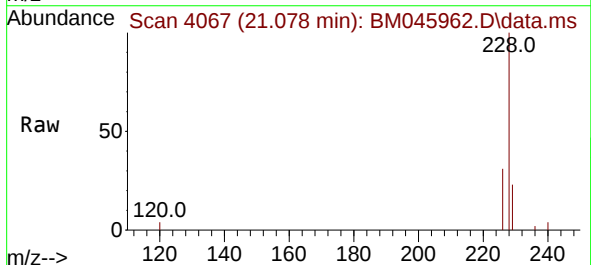
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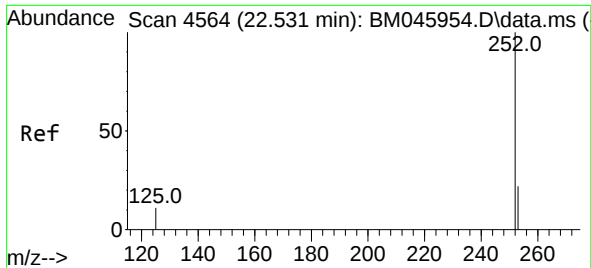
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.078 min Scan# 4067
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

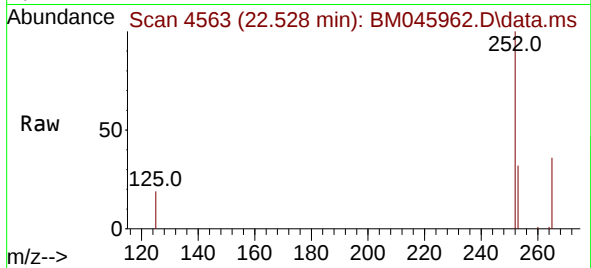
Tgt Ion:228 Resp: 16265
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 23.0 16.2 24.2





#24
Benzo(b)fluoranthene
Concen: 0.500 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

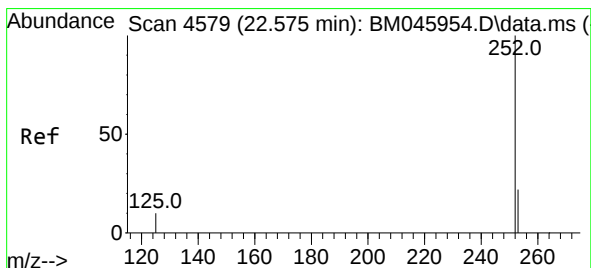
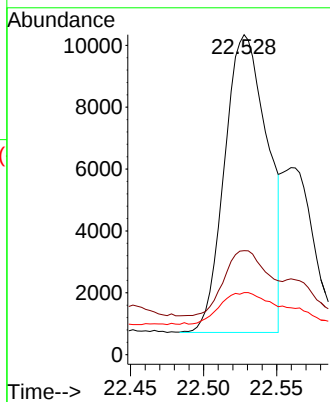
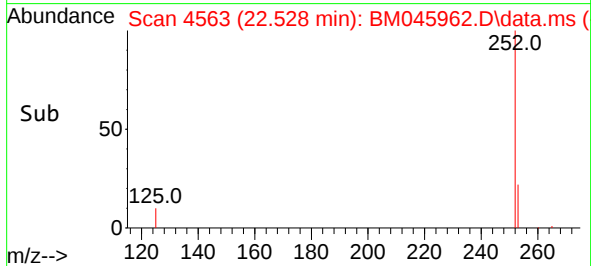
Instrument :
BNA_M
ClientSampleId :
A4BH1DL



Tgt Ion:252 Resp: 19628
Ion Ratio Lower Upper
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253 32.5 0.0 63.6
125 19.4 0.0 35.8

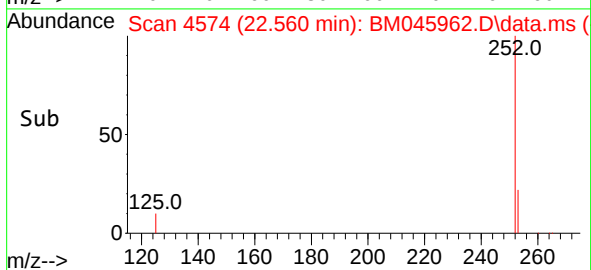
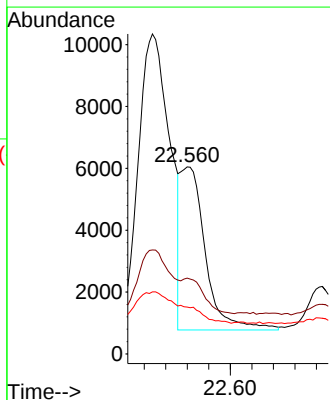
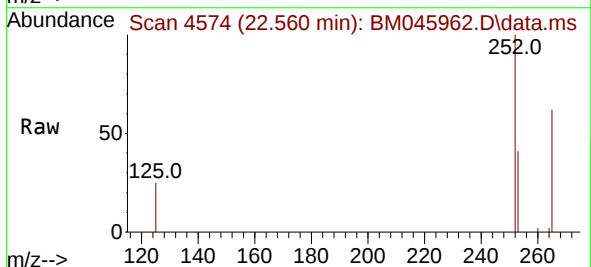
Manual Integrations
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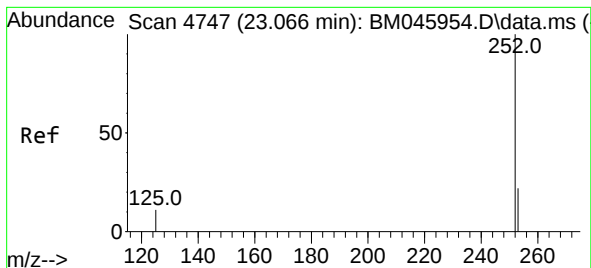
Reviewed By :Jagrut Upadhyay 06/11/2024
Supervised By :mohammad ahmed 06/13/2024



#25
Benzo(k)fluoranthene
Concen: 0.197 ng/ul m
RT: 22.560 min Scan# 4574
Delta R.T. -0.021 min
Lab File: BM045962.D
Acq: 10 Jun 2024 21:59

Tgt Ion:252 Resp: 8501
Ion Ratio Lower Upper
252 100
253 40.5 25.0 37.6#
125 25.1 14.2 21.2#





#26

Benzo(a)pyrene

Concen: 0.384 ng/ul

RT: 23.054 min Scan# 4743

Delta R.T. -0.018 min

Lab File: BM045962.D

Acq: 10 Jun 2024 21:59

Instrument :

BNA_M

ClientSampleId :

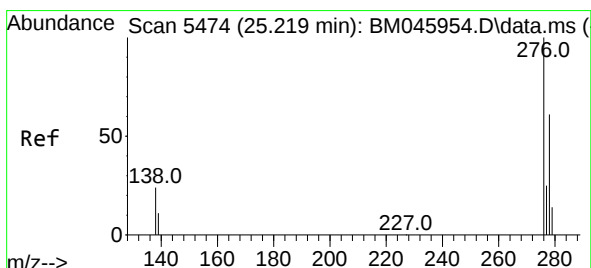
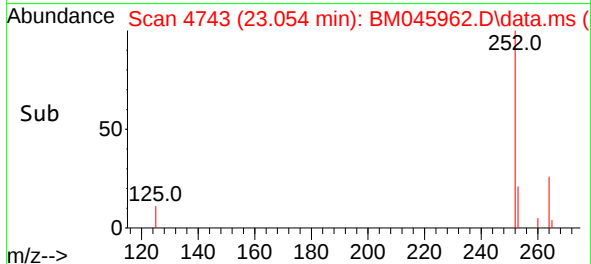
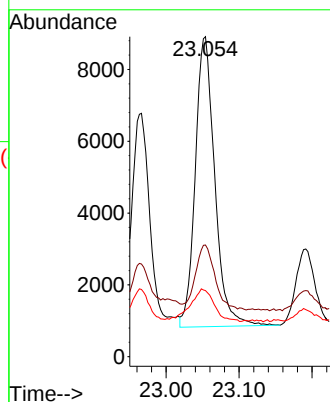
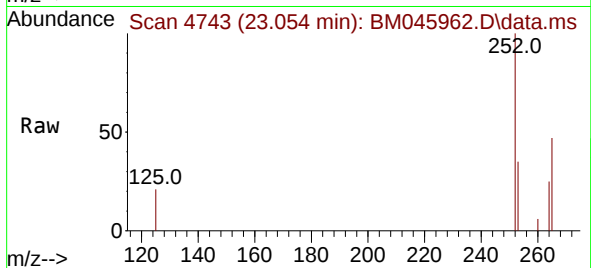
A4BH1DL

Tgt Ion:	252	Resp:	1496
Ion Ratio	Lower	Upper	
252	100		
253	34.9	28.8	43.2
125	20.7	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: 0.210 ng/ul

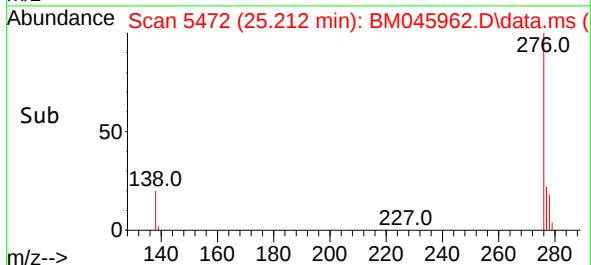
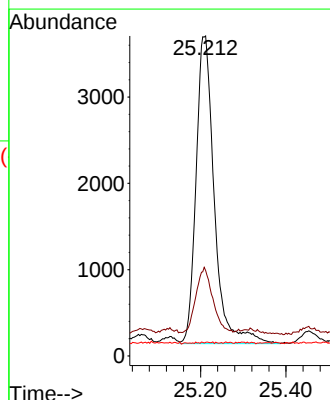
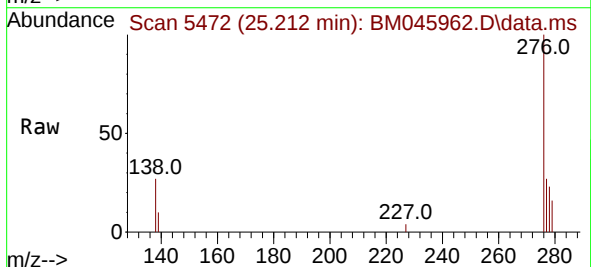
RT: 25.212 min Scan# 5472

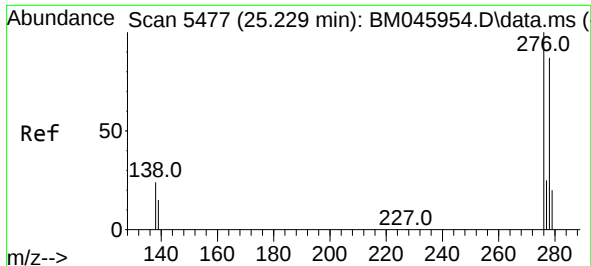
Delta R.T. -0.020 min

Lab File: BM045962.D

Acq: 10 Jun 2024 21:59

Tgt Ion:	276	Resp:	10605
Ion Ratio	Lower	Upper	
276	100		
138	19.3	20.7	31.1#
227	0.1	0.2	0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.053 ng/ul

RT: 25.212 min Scan# 5477

Delta R.T. -0.037 min

Lab File: BM045962.D

Acq: 10 Jun 2024 21:59

Instrument :

BNA_M

ClientSampleId :

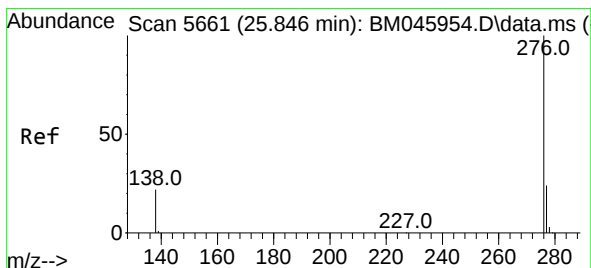
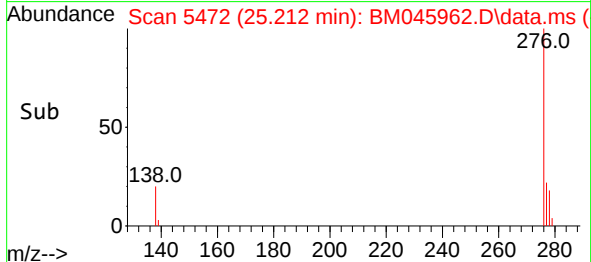
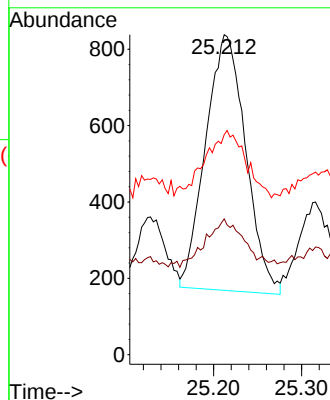
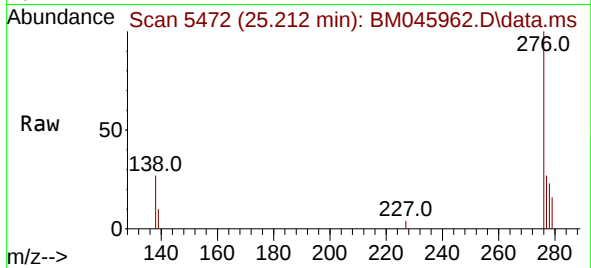
A4BH1DL

Tgt Ion:	278	Resp:	2120
Ion Ratio	Lower	Upper	
278	100		
139	42.5	16.6	25.0
279	68.7	24.6	37.0

Manual Integrations

APPROVED

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



#29

Benzo(g,h,i)perylene

Concen: 0.248 ng/ul

RT: 25.832 min Scan# 5657

Delta R.T. -0.030 min

Lab File: BM045962.D

Acq: 10 Jun 2024 21:59

Tgt Ion:	276	Resp:	10800
Ion Ratio	Lower	Upper	
276	100		
138	28.3	21.0	31.4
277	27.6	20.5	30.7

