

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046117.D
 Acq On : 20 Jun 2024 11:28
 Operator : MA/JU
 Sample : P2710-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B27

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 20 12:25:52 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	7.426	152	2375	0.400	ng/ul	#-0.04
4) Naphthalene-d8	10.198	136	6669	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.075	164	3664	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.815	188	7930m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.018	240	6271m	0.400	ng/ul	-0.03
23) Perylene-d12	23.113	264	6634m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	13519	4.149	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.832	152	2384	0.266	ng/ul	-0.03
18) Fluoranthene-d10	18.848	212	5272	0.281	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.248	128	2389	0.128	ng/ul	95
7) 2-Methylnaphthalene	11.903	142	1021	0.098	ng/ul	98
8) 1-Methylnaphthalene	12.118	142	1157	0.101	ng/ul	96
10) Acenaphthylene	13.793	152	2285	0.131	ng/ul#	90
11) Acenaphthene	14.135	153	4348	0.347	ng/ul	97
12) Fluorene	15.130	166	4167	0.310	ng/ul	99
15) Phenanthrene	16.857	178	92875m	4.169	ng/ul	
16) Anthracene	16.950	178	13548m	0.817	ng/ul	
19) Fluoranthene	18.880	202	109096	4.018	ng/ul	97
20) Pyrene	19.243	202	121961	4.153	ng/ul	95
21) Benzo(a)anthracene	21.000	228	46554m	1.922	ng/ul	
22) Chrysene	21.053	228	54144	1.752	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	55107m	2.306	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	23790m	0.837	ng/ul	
26) Benzo(a)pyrene	23.017	252	43742m	1.975	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.162	276	30179	0.833	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.166	278	6914	0.256	ng/ul	96
29) Benzo(g,h,i)perylene	25.783	276	32790	1.055	ng/ul	95

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

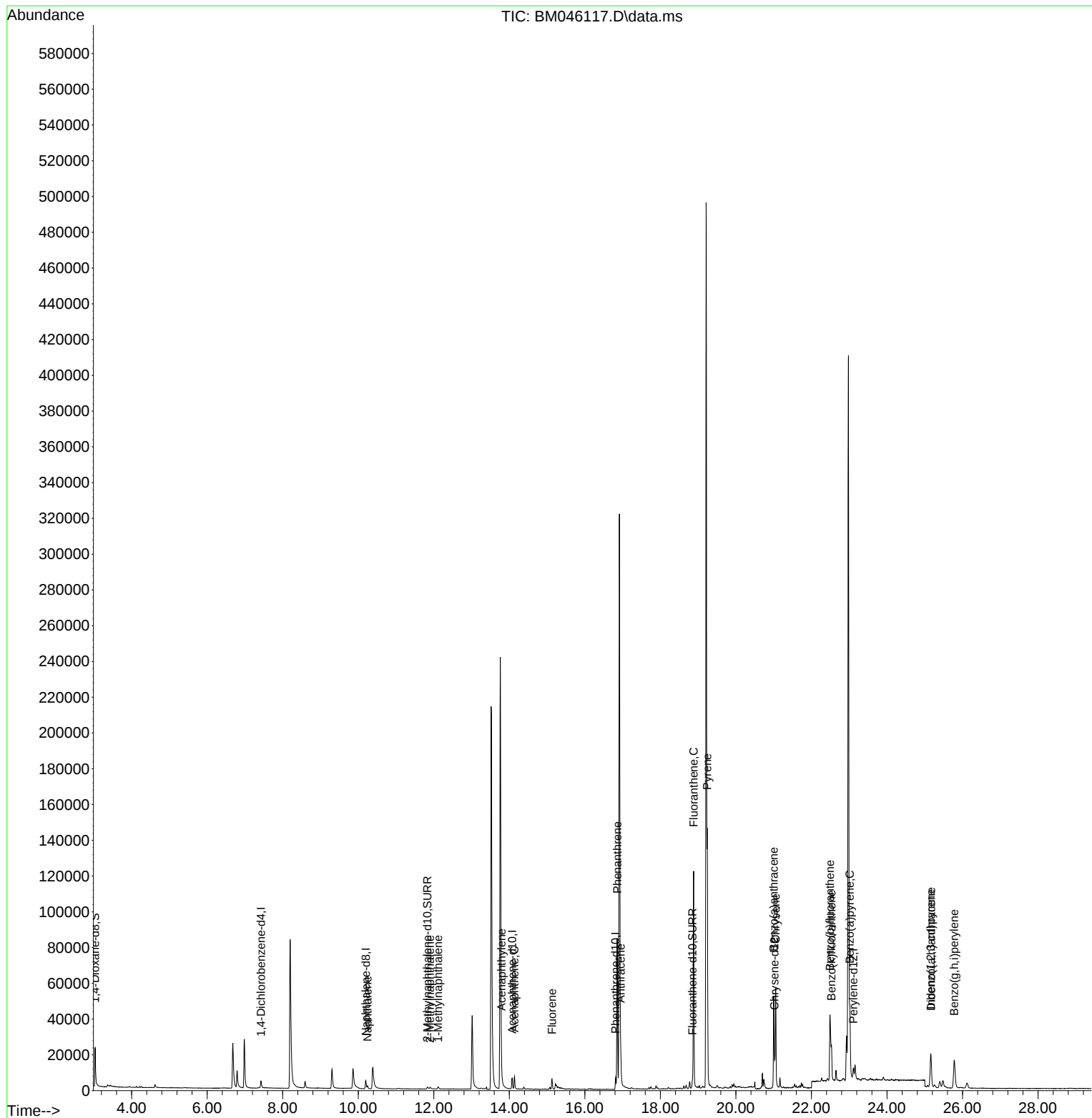
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046117.D
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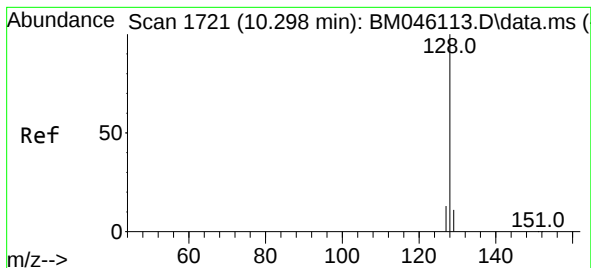
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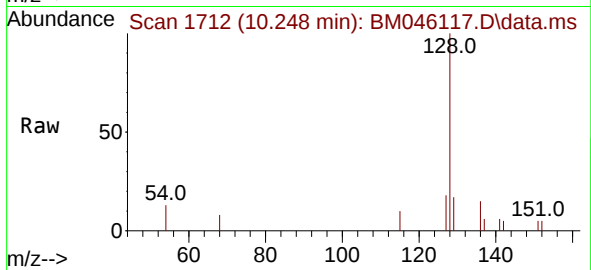
Quant Time: Jun 20 12:25:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.128 ng/ul
RT: 10.248 min Scan# 1712
Delta R.T. -0.055 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

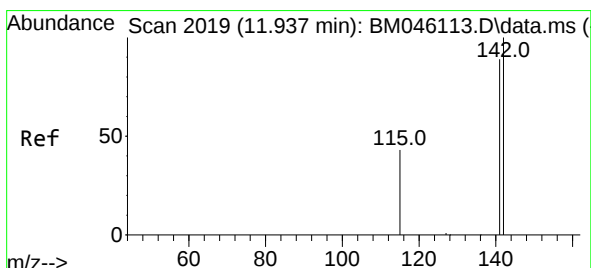
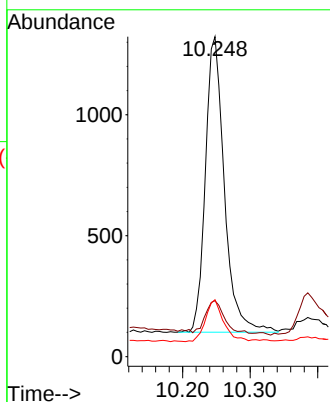
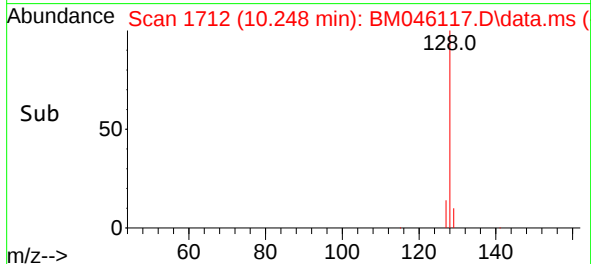
Instrument :
BNA_M
ClientSampleId :
A4B27



Tgt Ion:128 Resp: 2389
Ion Ratio Lower Upper
128 100
129 17.5 11.8 17.6
127 17.8 12.8 19.2

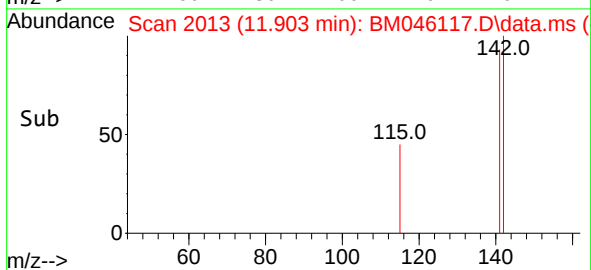
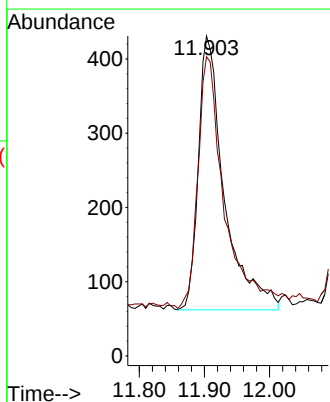
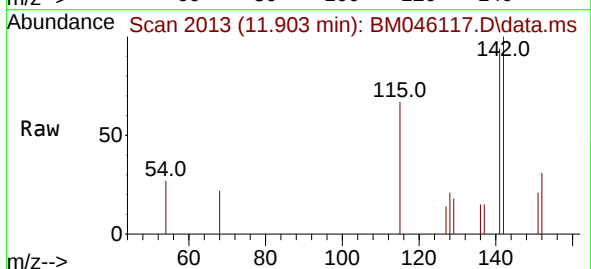
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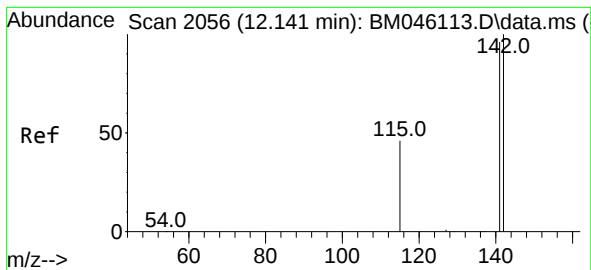
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 11.903 min Scan# 2013
Delta R.T. -0.044 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

Tgt Ion:142 Resp: 1021
Ion Ratio Lower Upper
142 100
141 95.0 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.101 ng/ul

RT: 12.118 min Scan# 2052

Delta R.T. -0.033 min

Lab File: BM046117.D

Acq: 20 Jun 2024 11:28

Instrument :

BNA_M

ClientSampleId :

A4B27

Tgt Ion:142 Resp: 115

Ion Ratio Lower Upper

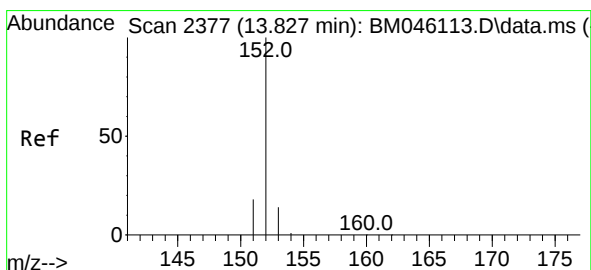
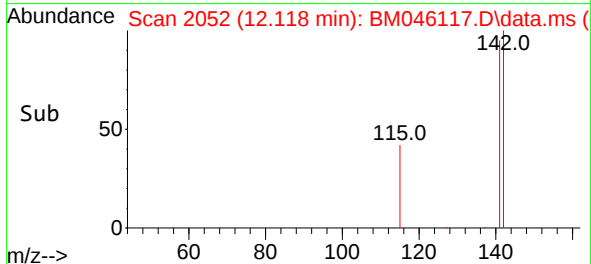
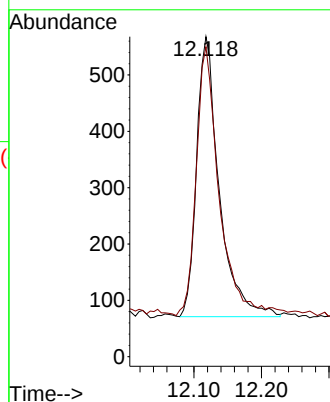
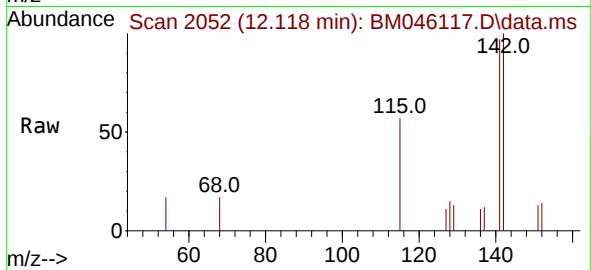
142 100

141 98.3 75.2 112.8

Manual Integrations

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#10

Acenaphthylene

Concen: 0.131 ng/ul

RT: 13.793 min Scan# 2370

Delta R.T. -0.042 min

Lab File: BM046117.D

Acq: 20 Jun 2024 11:28

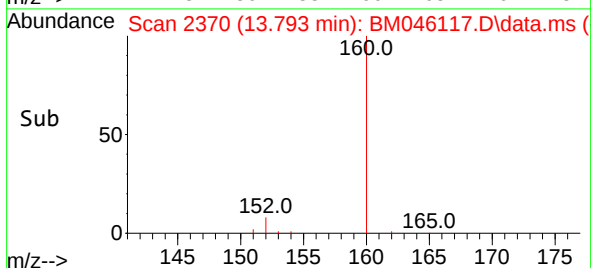
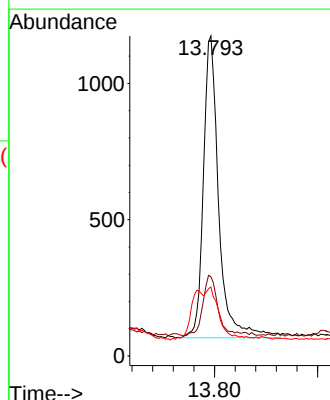
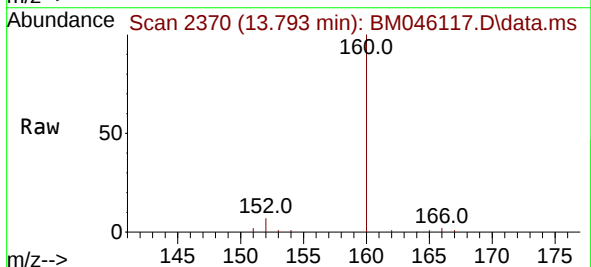
Tgt Ion:152 Resp: 2285

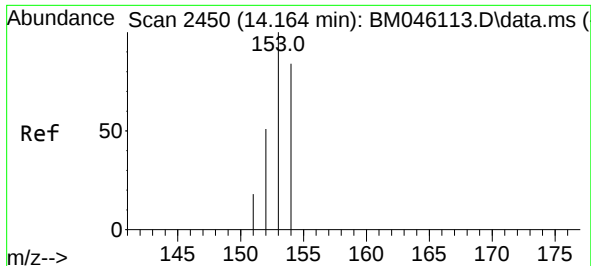
Ion Ratio Lower Upper

152 100

151 24.8 17.4 26.2

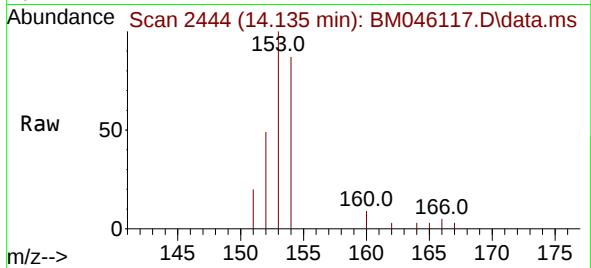
153 21.6 11.8 17.8#





#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.135 min Scan# 2444
Delta R.T. -0.037 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

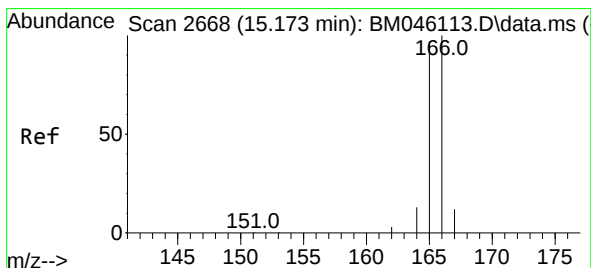
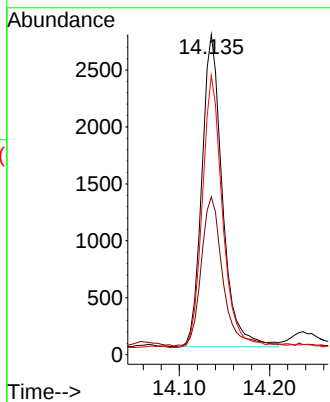
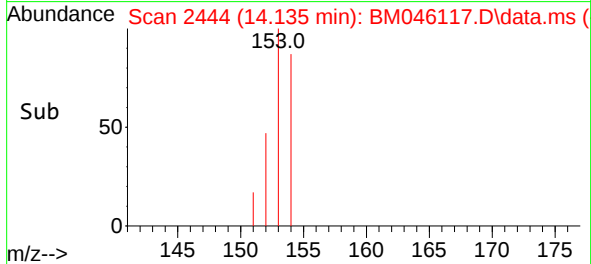
Instrument :
BNA_M
ClientSampleId :
A4B27



Tgt Ion:153 Resp: 4348
Ion Ratio Lower Upper
153 100
152 49.3 41.3 61.9
154 87.2 68.2 102.4

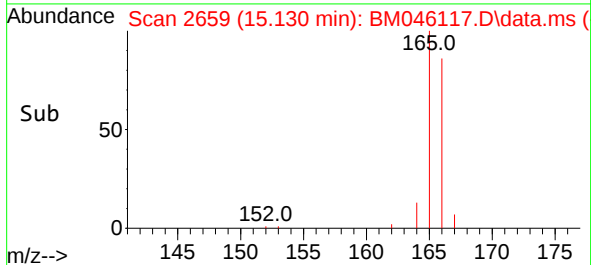
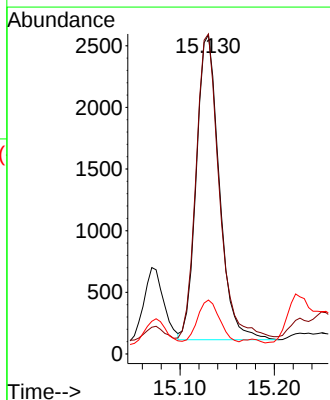
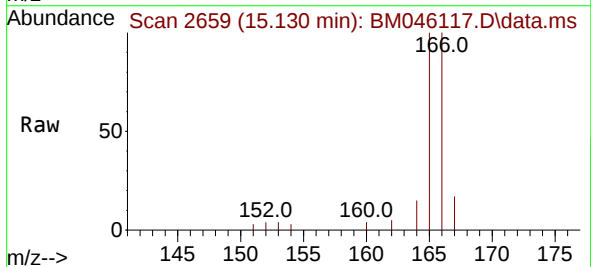
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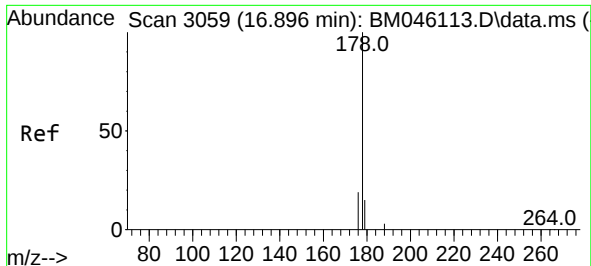
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

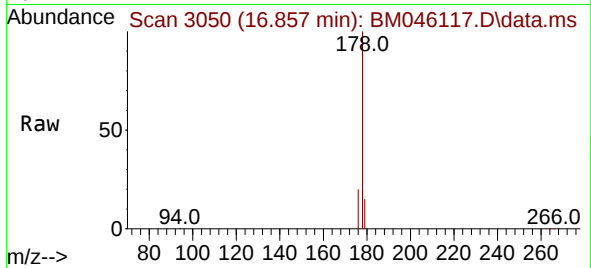
Tgt Ion:166 Resp: 4167
Ion Ratio Lower Upper
166 100
165 100.2 80.4 120.6
167 16.9 12.4 18.6





#15
Phenanthrene
Concen: 4.169 ng/ul m
RT: 16.857 min Scan# 3050
Delta R.T. -0.046 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

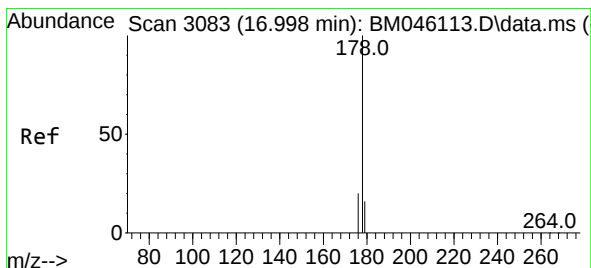
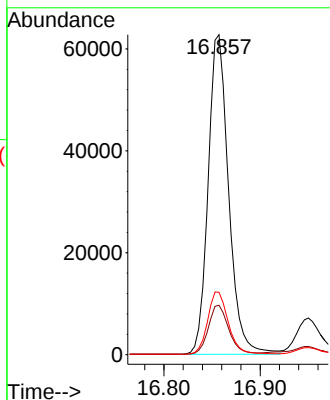
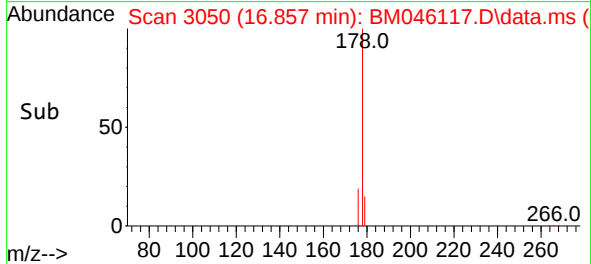
Instrument :
BNA_M
ClientSampleId :
A4B27



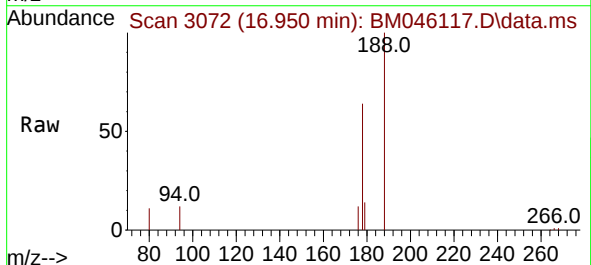
Tgt Ion:178 Resp: 92875
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.5 17.1 25.7

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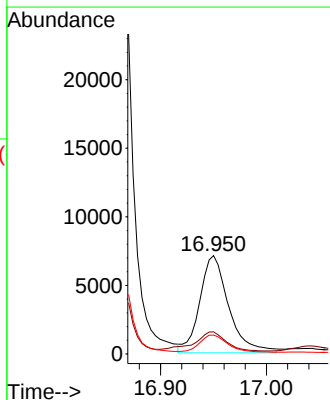
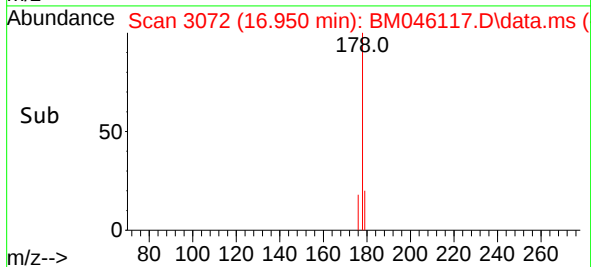
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

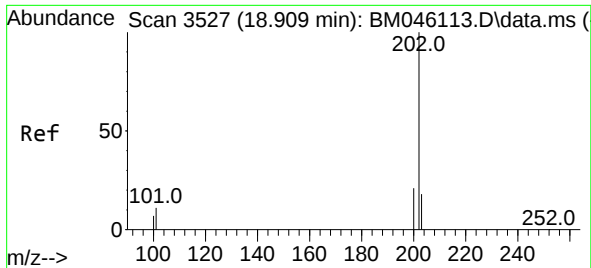


#16
Anthracene
Concen: 0.817 ng/ul m
RT: 16.950 min Scan# 3072
Delta R.T. -0.055 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28



Tgt Ion:178 Resp: 13548
Ion Ratio Lower Upper
178 100
179 22.4 14.9 22.3#
176 19.1 17.0 25.4





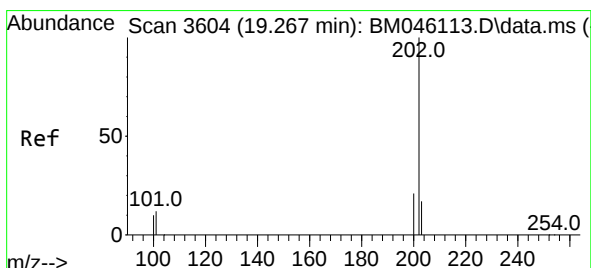
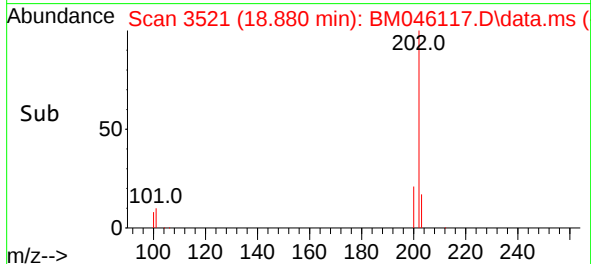
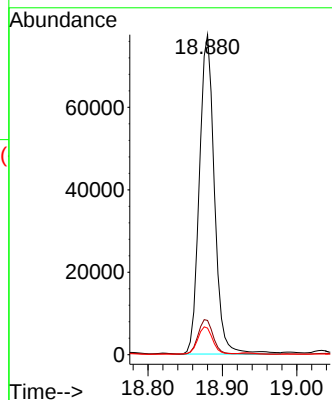
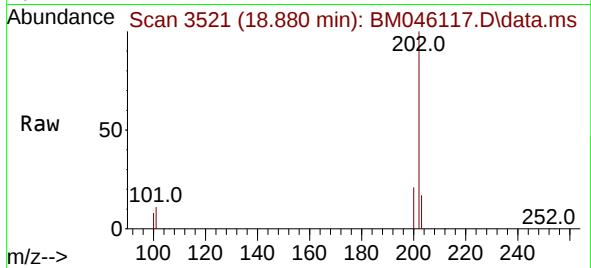
#19
Fluoranthene
Concen: 4.018 ng/ul
RT: 18.880 min Scan# 3521
Delta R.T. -0.037 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

Instrument :
BNA_M
ClientSampleId :
A4B27

Tgt Ion:202 Resp: 109090
Ion Ratio Lower Upper
202 100
101 10.7 9.6 14.4
100 8.3 7.6 11.4

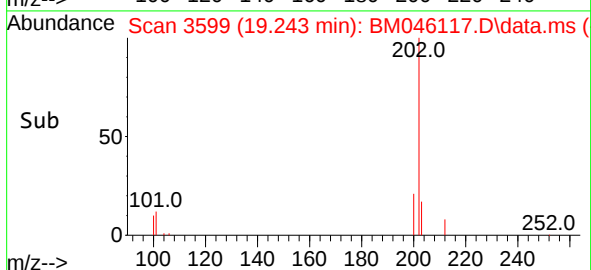
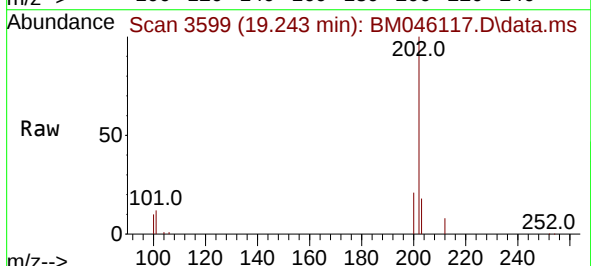
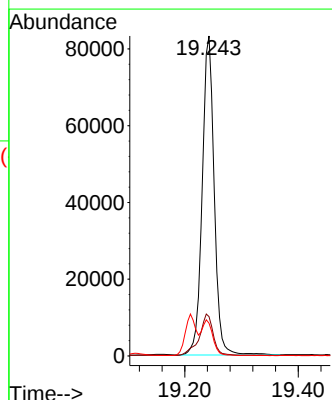
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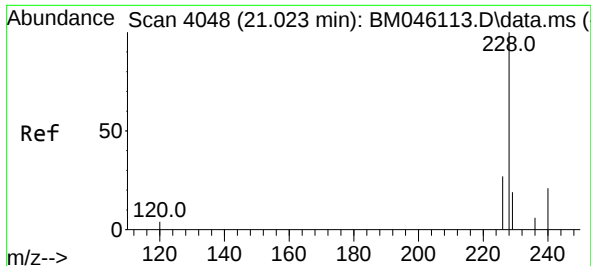
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 4.153 ng/ul
RT: 19.243 min Scan# 3599
Delta R.T. -0.032 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

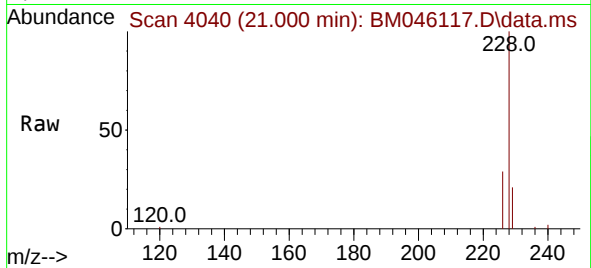
Tgt Ion:202 Resp: 121961
Ion Ratio Lower Upper
202 100
101 12.3 11.3 16.9
100 10.3 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.922 ng/ul m
RT: 21.000 min Scan# 4048
Delta R.T. -0.029 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

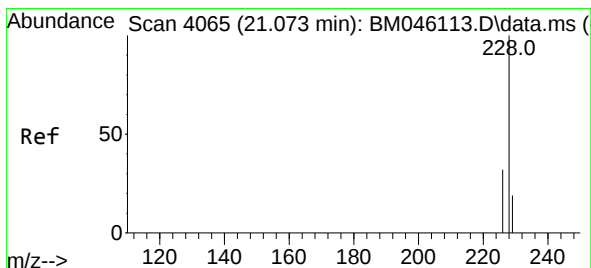
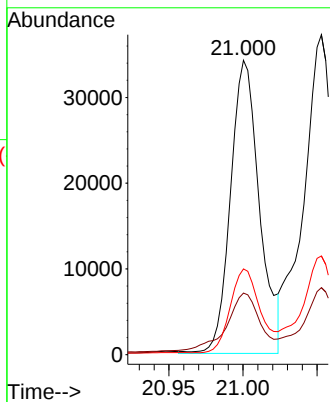
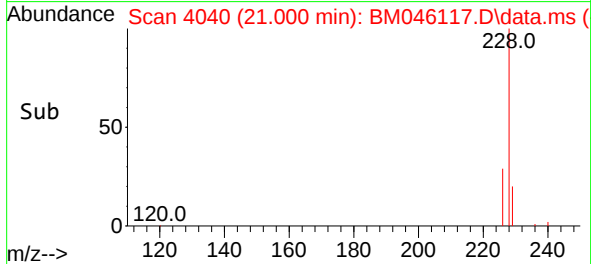
Instrument :
BNA_M
ClientSampleId :
A4B27



Tgt Ion:228 Resp: 46554
Ion Ratio Lower Upper
228 100
229 20.9 16.4 24.6
226 29.1 23.4 35.2

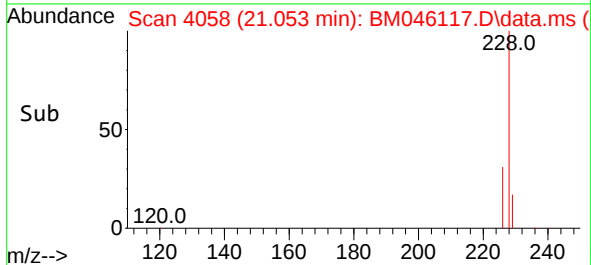
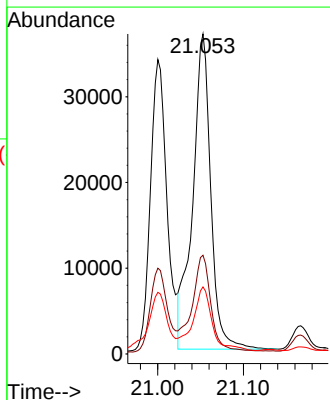
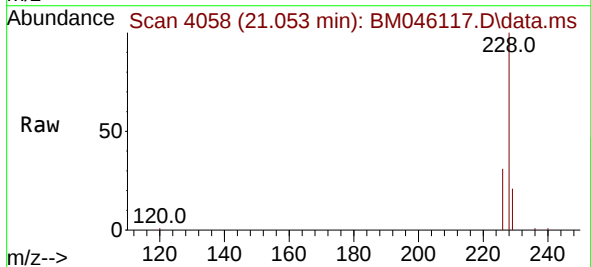
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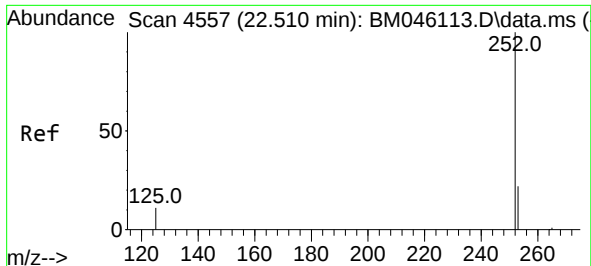
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 1.752 ng/ul
RT: 21.053 min Scan# 4058
Delta R.T. -0.023 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

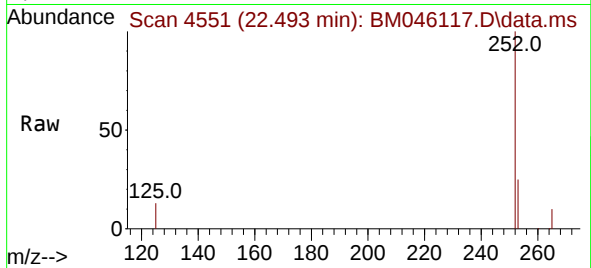
Tgt Ion:228 Resp: 54144
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 20.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 2.306 ng/ul m
RT: 22.493 min Scan# 4551
Delta R.T. -0.026 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

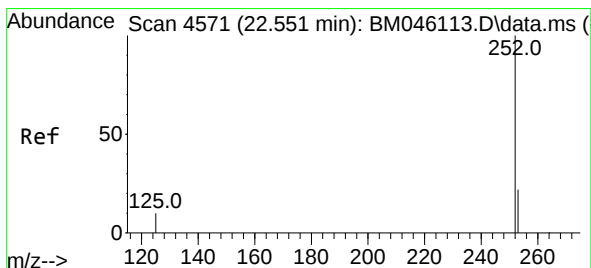
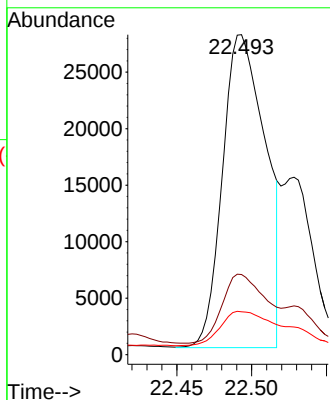
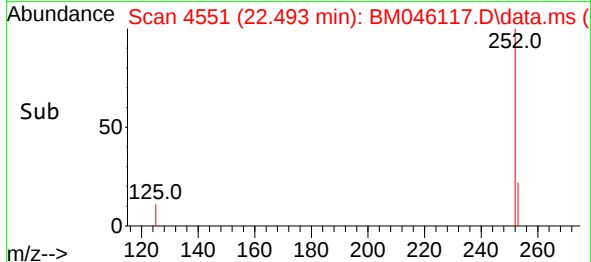
Instrument :
BNA_M
ClientSampleId :
A4B27



Tgt Ion:252 Resp: 5510
Ion Ratio Lower Upper
252 100
253 25.1 0.0 65.8
125 13.4 0.0 40.2

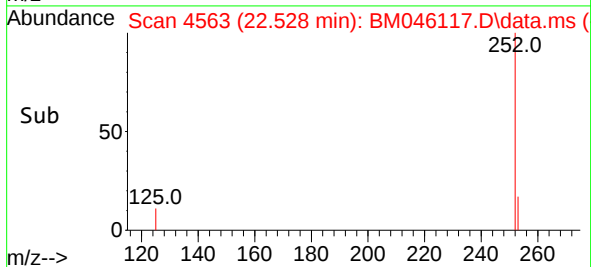
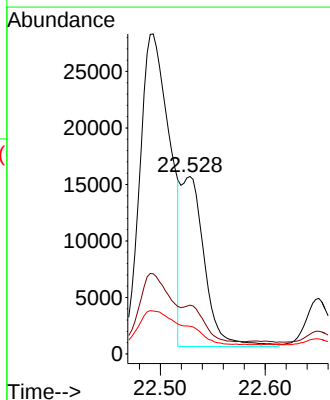
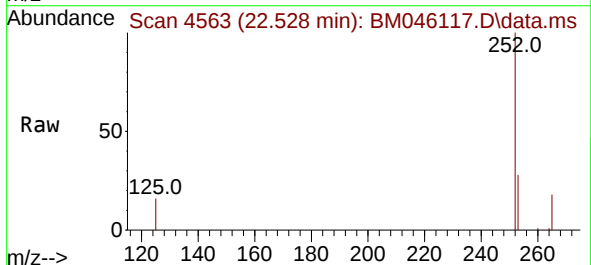
Manual Integrations
APPROVED

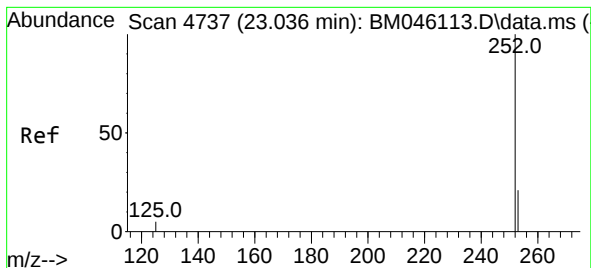
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.837 ng/ul m
RT: 22.528 min Scan# 4563
Delta R.T. -0.035 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

Tgt Ion:252 Resp: 23790
Ion Ratio Lower Upper
252 100
253 27.5 27.2 40.8
125 15.6 16.6 25.0#





#26

Benzo(a)pyrene

Concen: 1.975 ng/ul m

RT: 23.017 min Scan# 4

Delta R.T. -0.038 min

Lab File: BM046117.D

Acq: 20 Jun 2024 11:28

Instrument :

BNM

ClientSampleId :

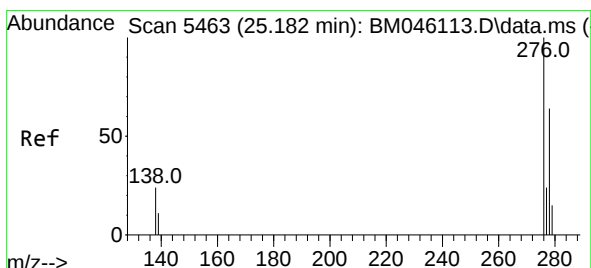
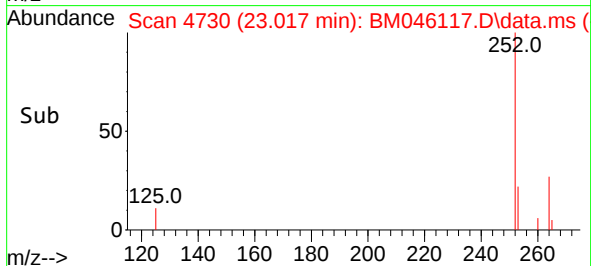
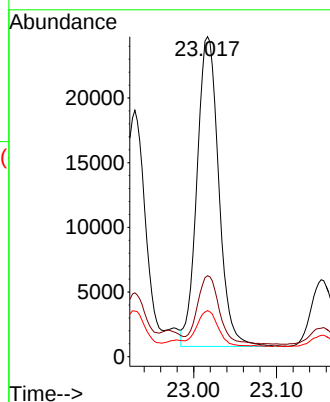
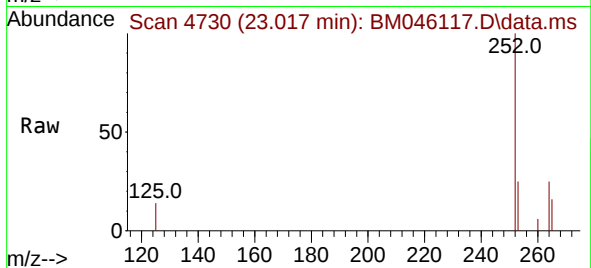
A4B27

Tgt Ion:	252	Resp:	4374
Ion Ratio	Lower	Upper	
252	100		
253	25.3	32.1	48.1
125	14.4	21.2	31.8

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 0.833 ng/ul

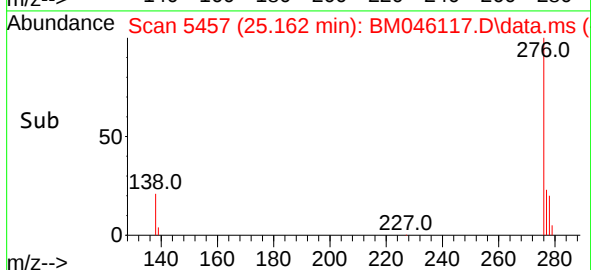
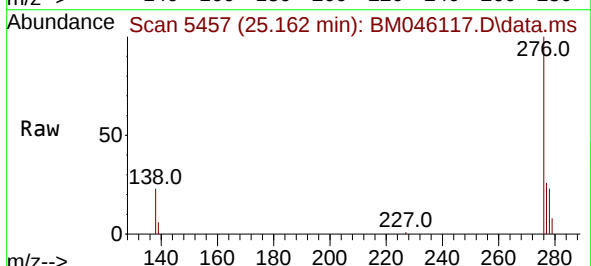
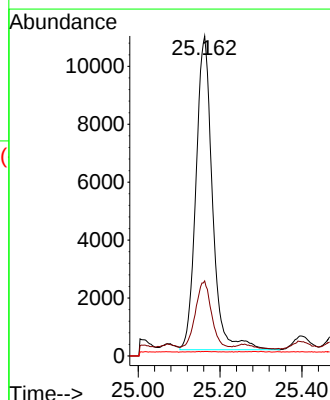
RT: 25.162 min Scan# 5457

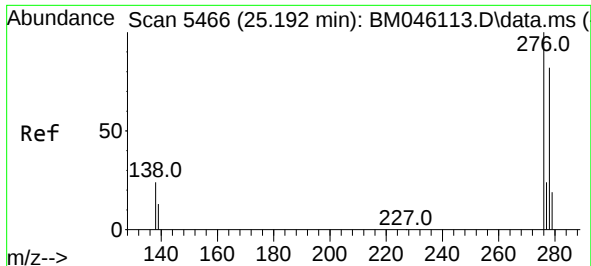
Delta R.T. -0.040 min

Lab File: BM046117.D

Acq: 20 Jun 2024 11:28

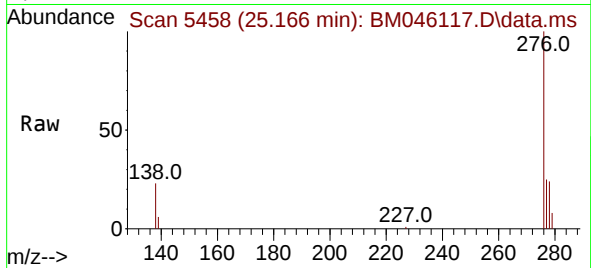
Tgt Ion:	276	Resp:	30179
Ion Ratio	Lower	Upper	
276	100		
138	20.7	21.0	31.4
227	0.2	0.0	0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 25.166 min Scan# 5466
Delta R.T. -0.050 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28

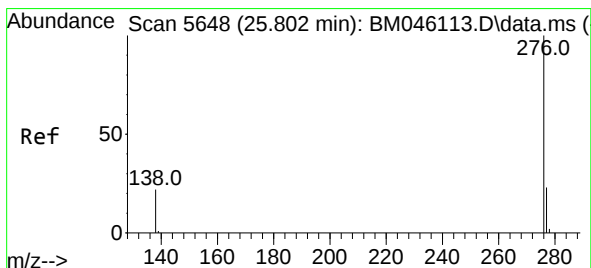
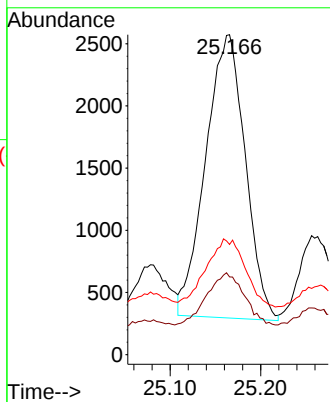
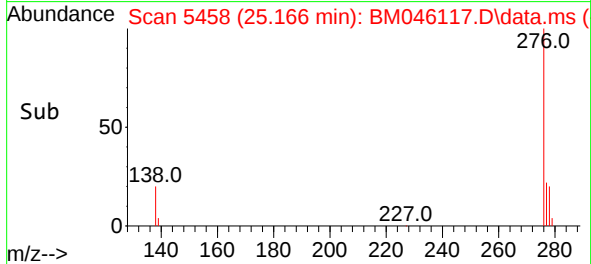
Instrument :
BNA_M
ClientSampleId :
A4B27



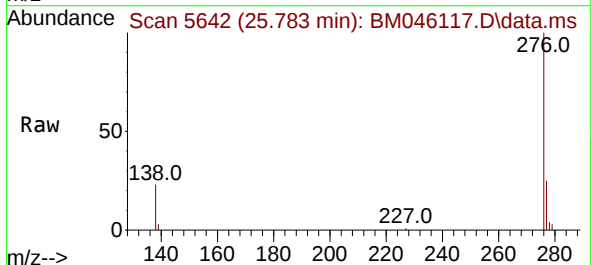
Tgt Ion:278 Resp: 6914
Ion Ratio Lower Upper
278 100
139 24.3 17.6 26.4
279 34.5 26.3 39.5

Manual Integrations
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Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 1.055 ng/ul
RT: 25.783 min Scan# 5642
Delta R.T. -0.047 min
Lab File: BM046117.D
Acq: 20 Jun 2024 11:28



Tgt Ion:276 Resp: 32790
Ion Ratio Lower Upper
276 100
138 23.2 21.7 32.5
277 24.8 20.4 30.6

