

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046196.D
 Acq On : 22 Jun 2024 14:01
 Operator : MA/JU
 Sample : P2775-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D46

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2024
 Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 22 14:47:50 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 : Sat Jun 22 02:10:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.413	152	2174	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	6581	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	3822	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.804	188	8962m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	6178m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	7712m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	10281	3.447	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.805	152	2350	0.266	ng/ul	-0.06
18) Fluoranthene-d10	18.835	212	5715m	0.309	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.233	128	8722	0.475	ng/ul	97
7) 2-Methylnaphthalene	11.877	142	3914	0.379	ng/ul	95
8) 1-Methylnaphthalene	12.091	142	4041	0.357	ng/ul	97
10) Acenaphthylene	13.776	152	5858	0.323	ng/ul	96
11) Acenaphthene	14.123	153	33458	2.557	ng/ul	97
12) Fluorene	15.117	166	32614	2.322	ng/ul	98
15) Phenanthrene	16.842	178	577389m	22.931	ng/ul	
16) Anthracene	16.934	178	116622m	6.219	ng/ul	
19) Fluoranthene	18.867	202	870171m	32.530	ng/ul	
20) Pyrene	19.230	202	613879m	21.221	ng/ul	
21) Benzo(a)anthracene	20.985	228	361921m	15.166	ng/ul	
22) Chrysene	21.041	228	337967m	11.098	ng/ul	
24) Benzo(b)fluoranthene	22.478	252	428860m	15.435	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	162751m	4.927	ng/ul	
26) Benzo(a)pyrene	23.004	252	180605m	7.015	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.138	276	150376m	3.569	ng/ul	
28) Dibenzo(a,h)anthracene	25.145	278	52031m	1.659	ng/ul	
29) Benzo(g,h,i)perylene	25.765	276	20579m	0.570	ng/ul	

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

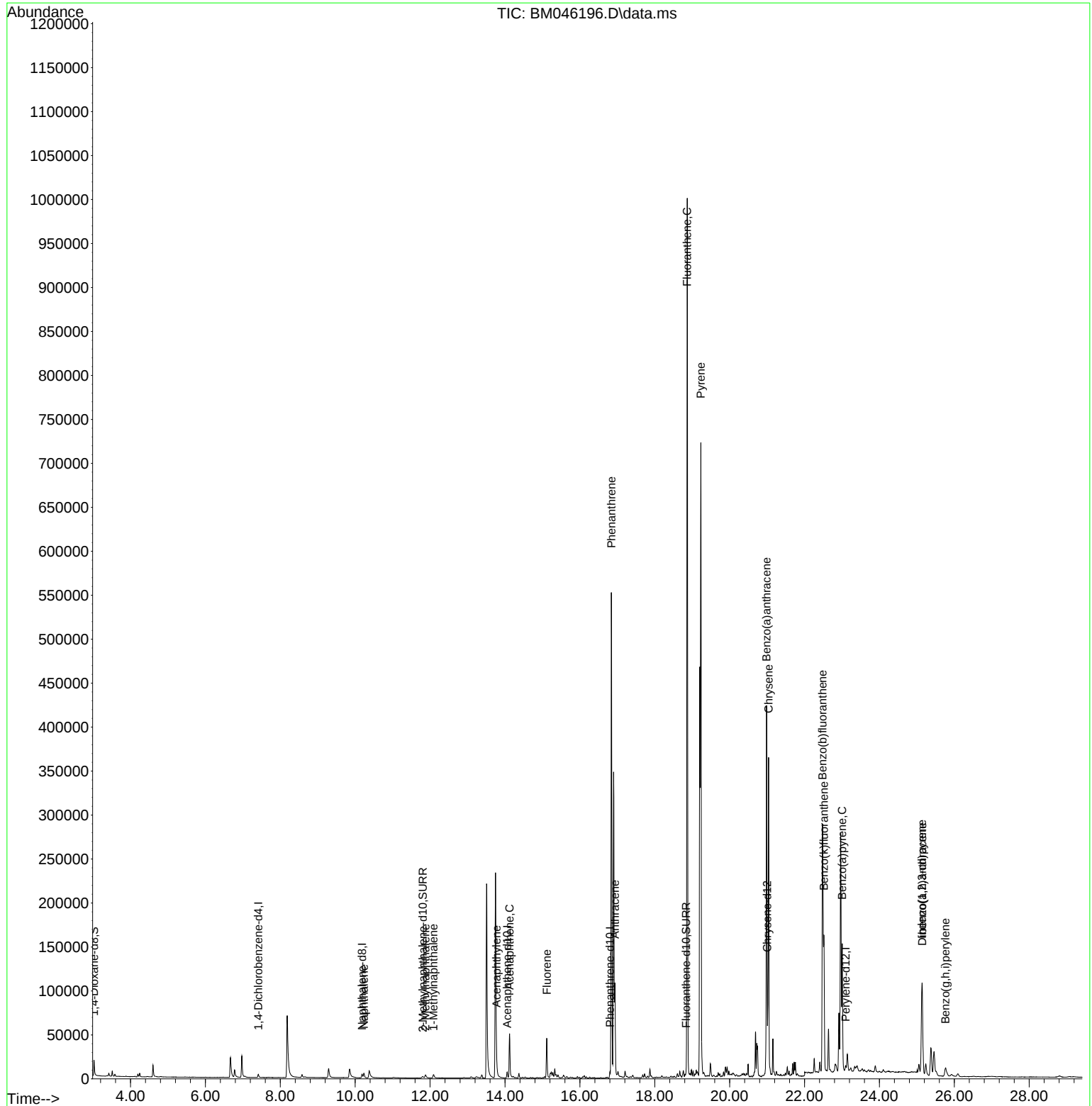
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046196.D
Acq On : 22 Jun 2024 14:01
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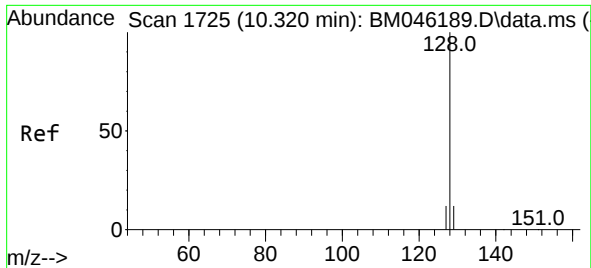
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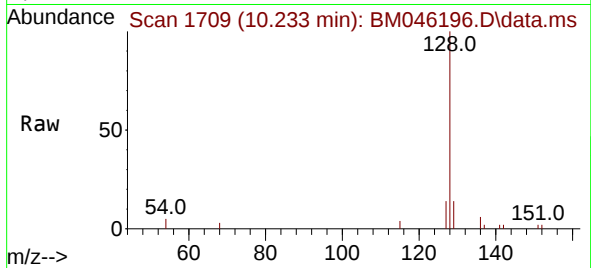
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.475 ng/ul
RT: 10.233 min Scan# 11
Delta R.T. -0.070 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

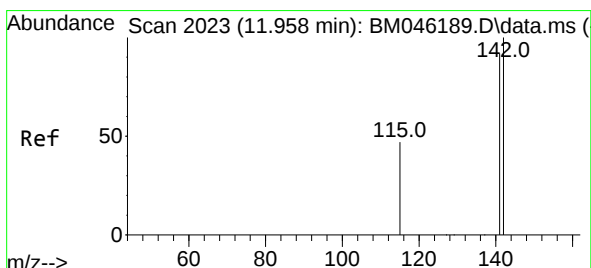
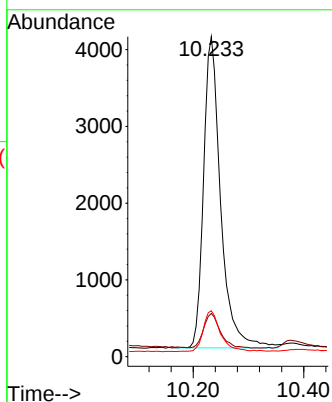
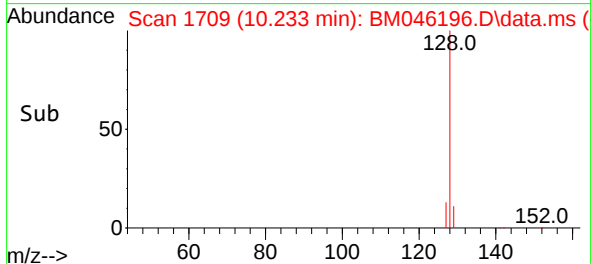
Instrument :
BNA_M
ClientSampleId :
A4D46



Tgt Ion:128 Resp: 872
Ion Ratio Lower Upper
128 100
129 13.5 11.8 17.6
127 14.3 12.8 19.2

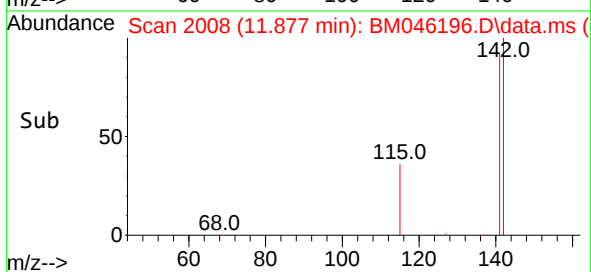
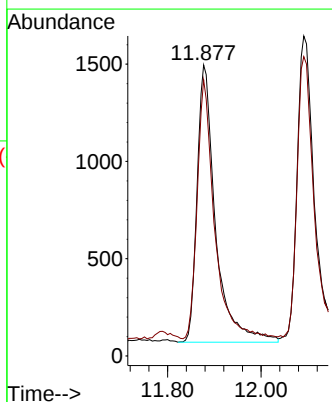
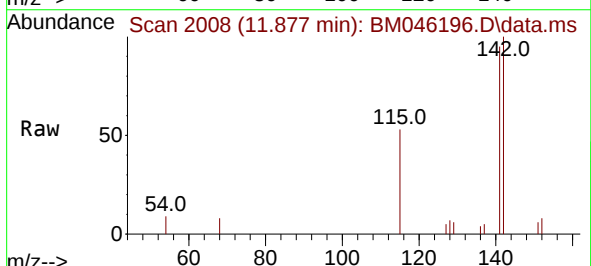
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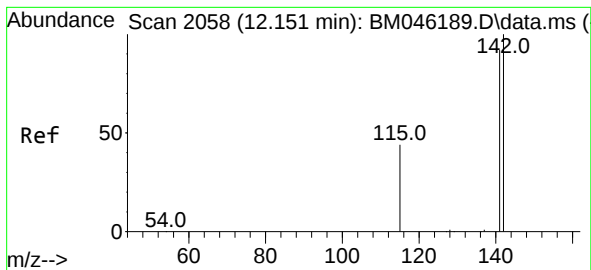
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 11.877 min Scan# 2008
Delta R.T. -0.070 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

Tgt Ion:142 Resp: 3914
Ion Ratio Lower Upper
142 100
141 88.1 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.091 min Scan# 2058

Delta R.T. -0.059 min

Lab File: BM046196.D

Acq: 22 Jun 2024 14:01

Instrument :

BNA_M

ClientSampleId :

A4D46

Tgt Ion:142 Resp: 404

Ion Ratio Lower Upper

142 100

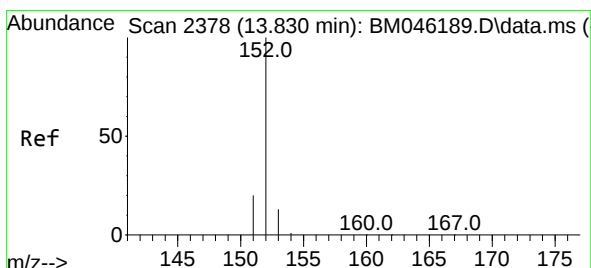
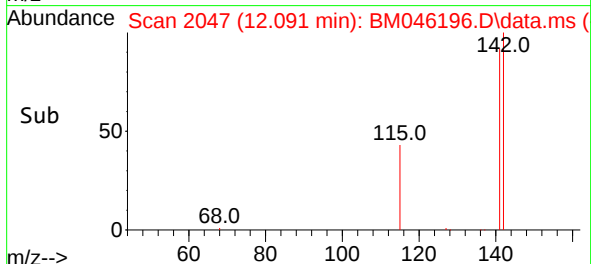
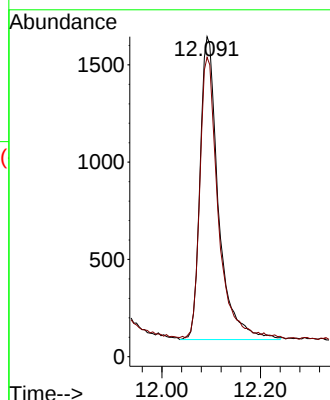
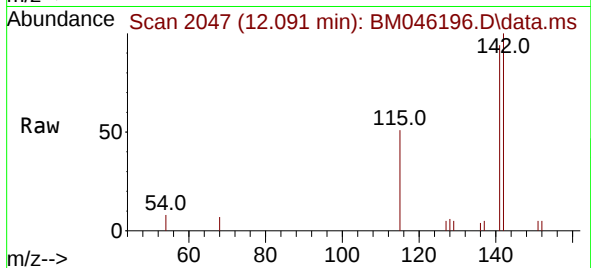
141 91.4 75.2 112.8

Manual Integrations

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#10

Acenaphthylene

Concen: 0.323 ng/ul

RT: 13.776 min Scan# 2366

Delta R.T. -0.059 min

Lab File: BM046196.D

Acq: 22 Jun 2024 14:01

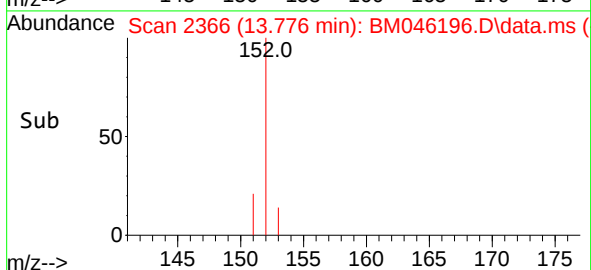
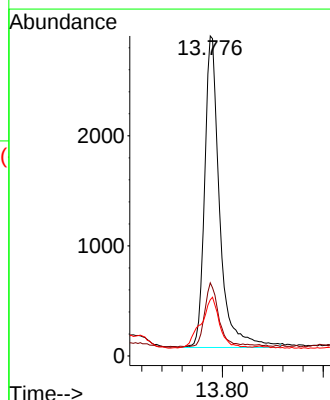
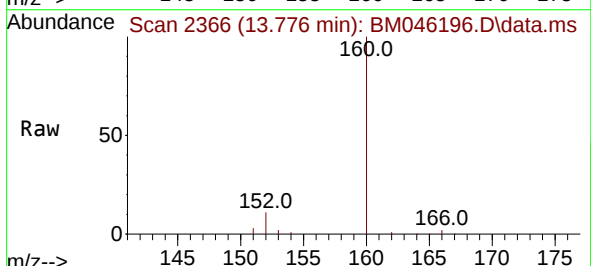
Tgt Ion:152 Resp: 5858

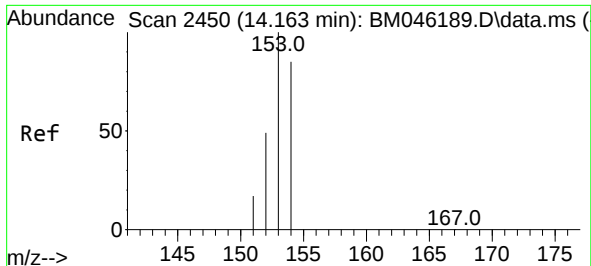
Ion Ratio Lower Upper

152 100

151 22.8 17.4 26.2

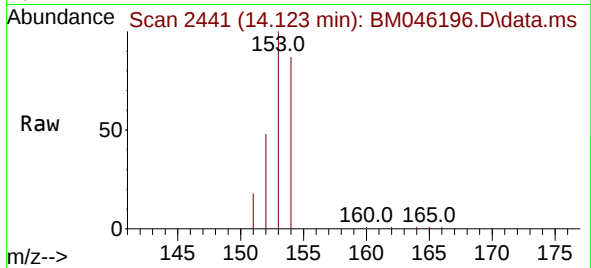
153 17.6 11.8 17.8





#11
Acenaphthene
Concen: 2.557 ng/ul
RT: 14.123 min Scan# 2450
Delta R.T. -0.050 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

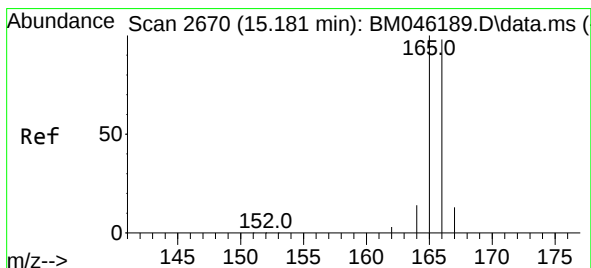
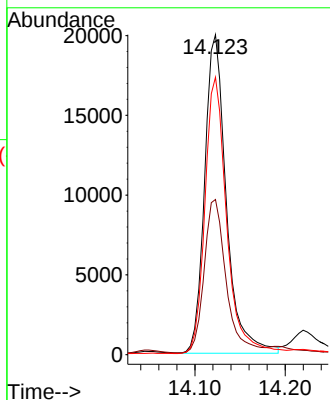
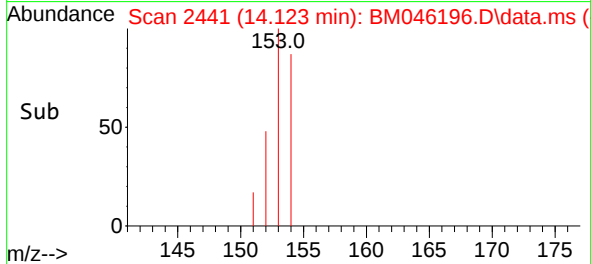
Instrument :
BNA_M
ClientSampleId :
A4D46



Tgt Ion:153 Resp: 33458
Ion Ratio Lower Upper
153 100
152 48.5 41.3 61.9
154 86.7 68.2 102.4

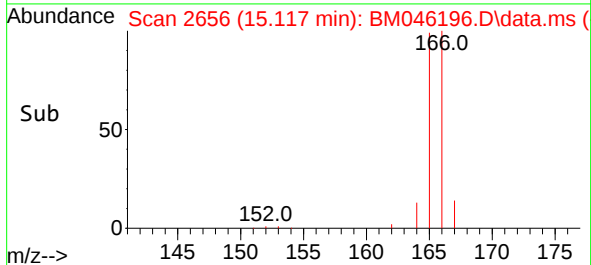
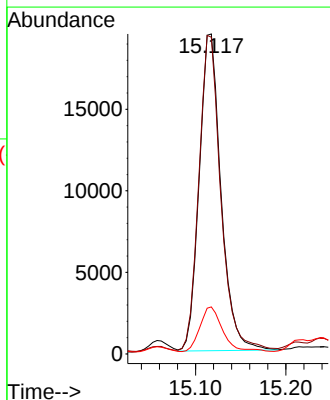
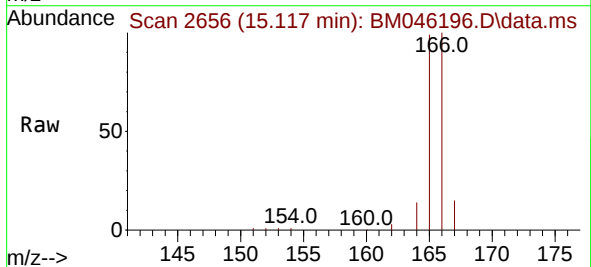
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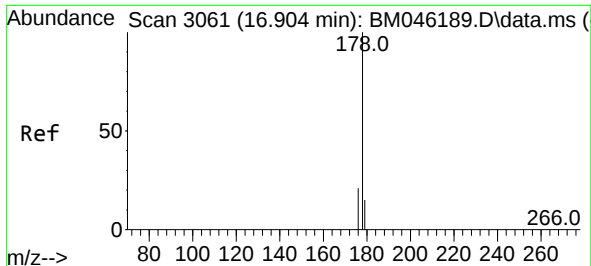
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 2.322 ng/ul
RT: 15.117 min Scan# 2656
Delta R.T. -0.063 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

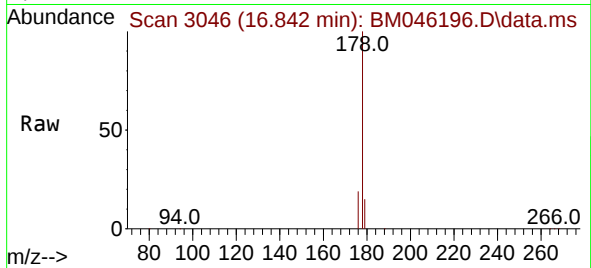
Tgt Ion:166 Resp: 32614
Ion Ratio Lower Upper
166 100
165 99.0 80.4 120.6
167 14.7 12.4 18.6





#15
Phenanthrene
Concen: 22.931 ng/ul m
RT: 16.842 min Scan# 3061
Delta R.T. -0.062 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

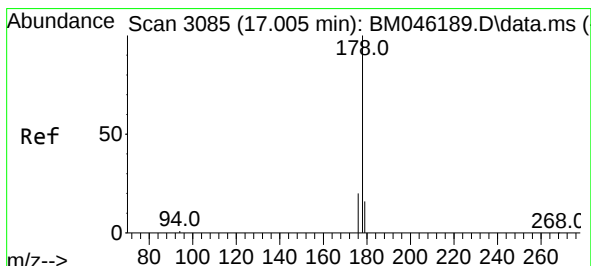
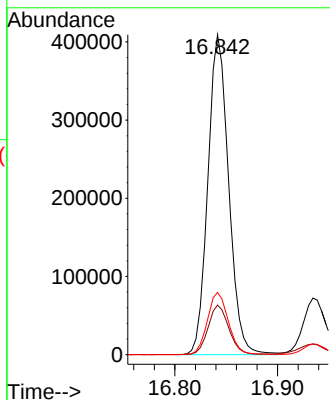
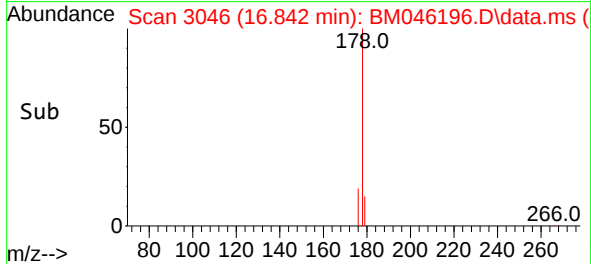
Instrument :
BNA_M
ClientSampleId :
A4D46



Tgt Ion:178 Resp: 577389
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.5 17.1 25.7

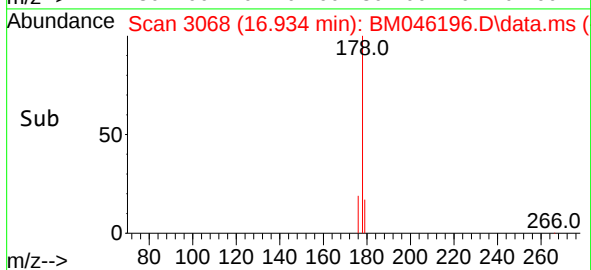
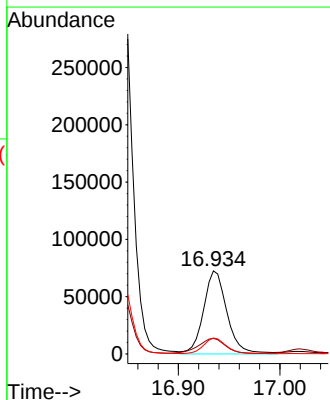
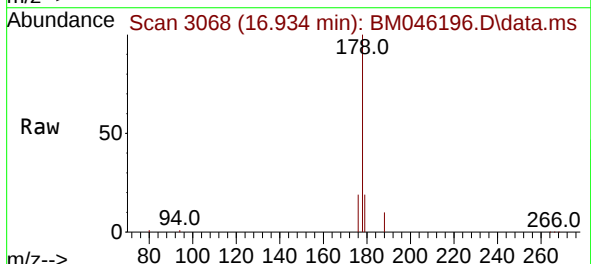
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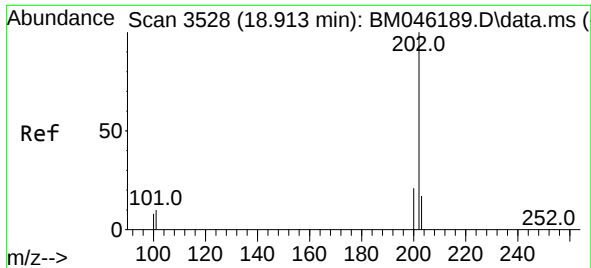
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 6.219 ng/ul m
RT: 16.934 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

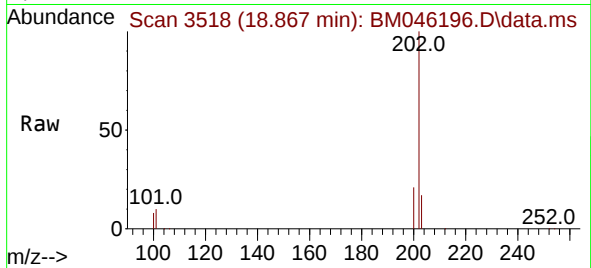
Tgt Ion:178 Resp: 116622
Ion Ratio Lower Upper
178 100
179 18.6 14.9 22.3
176 19.2 17.0 25.4





#19
Fluoranthene
Concen: 32.530 ng/ul m
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

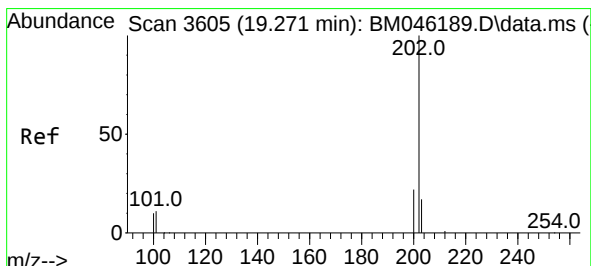
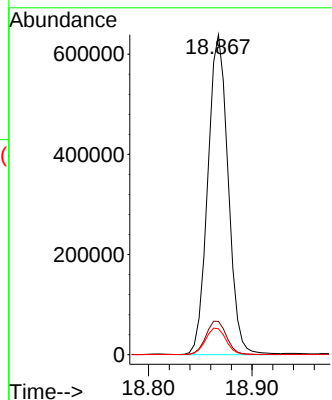
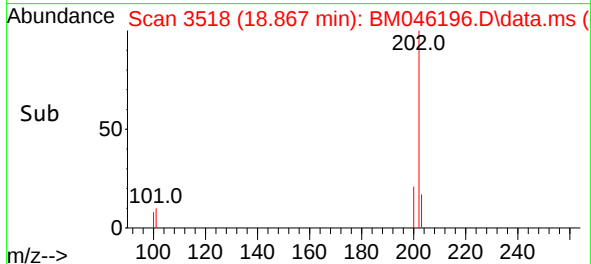
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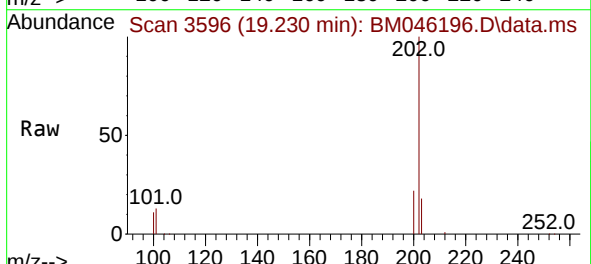
Tgt Ion:202 Resp: 87017
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.1 7.6 11.4

Manual Integrations
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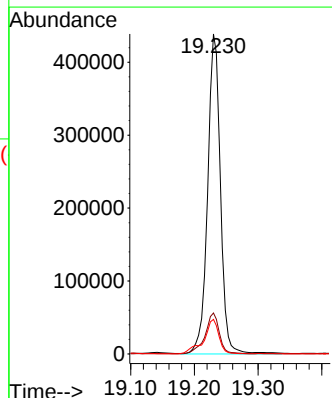
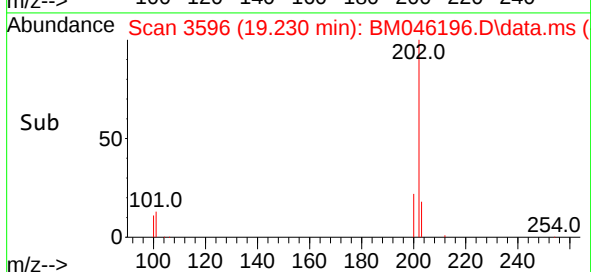
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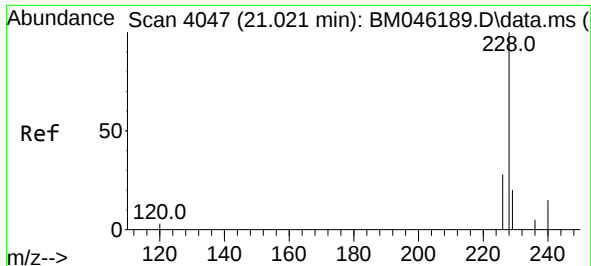


#20
Pyrene
Concen: 21.221 ng/ul m
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01



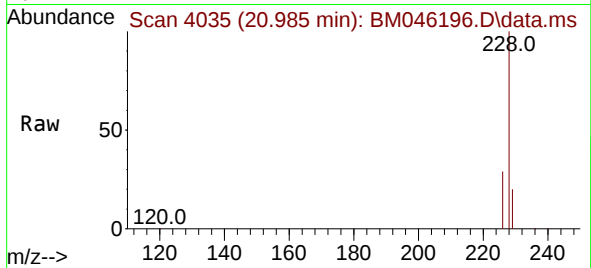
Tgt Ion:202 Resp: 613879
Ion Ratio Lower Upper
202 100
101 12.8 11.3 16.9
100 10.8 9.8 14.6





#21
Benzo(a)anthracene
Concen: 15.166 ng/ul m
RT: 20.985 min Scan# 4047
Delta R.T. -0.044 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

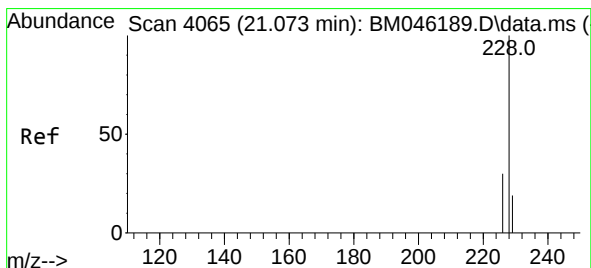
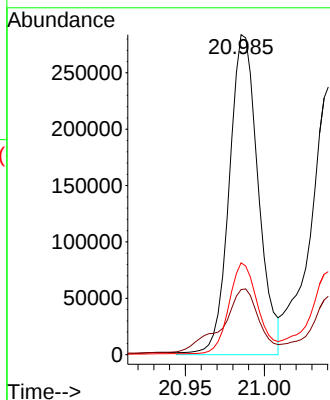
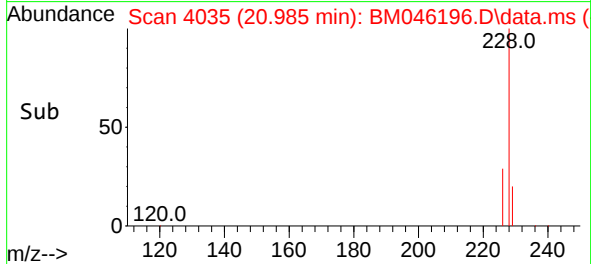
Instrument :
BNA_M
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A4D46



Tgt Ion:228 Resp: 36192
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.7 23.4 35.2

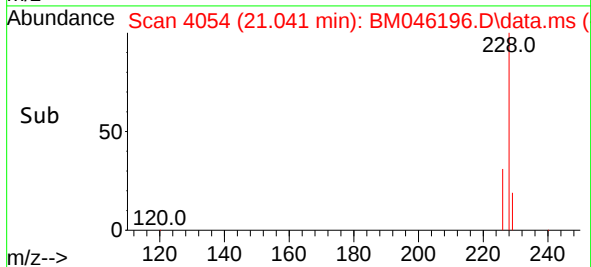
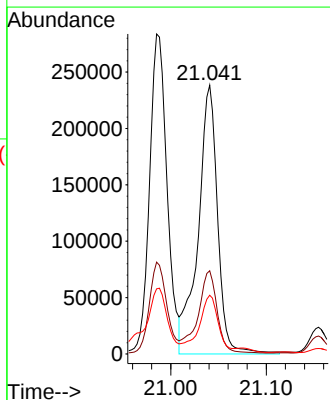
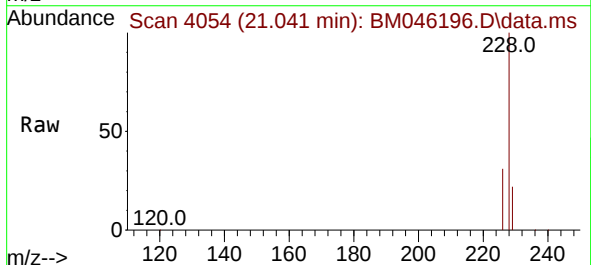
Manual Integrations
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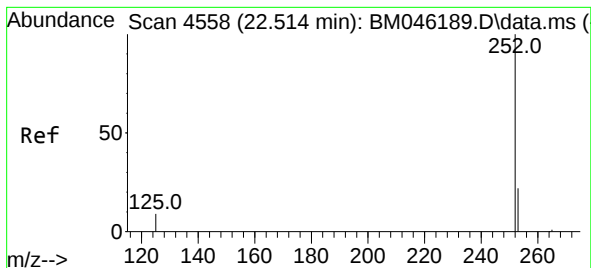
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 11.098 ng/ul m
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

Tgt Ion:228 Resp: 337967
Ion Ratio Lower Upper
228 100
226 31.0 25.2 37.8
229 21.8 16.3 24.5





#24

Benzo(b)fluoranthene

Concen: 15.435 ng/ul m

RT: 22.478 min Scan# 4

Delta R.T. -0.041 min

Lab File: BM046196.D

Acq: 22 Jun 2024 14:01

Instrument :

BNA_M

ClientSampleId :

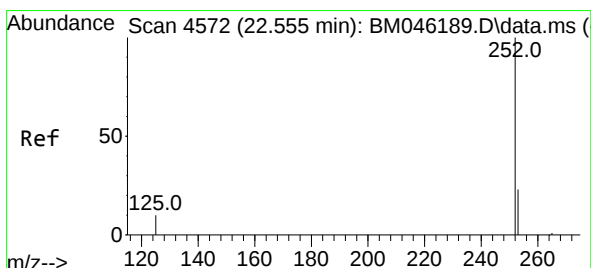
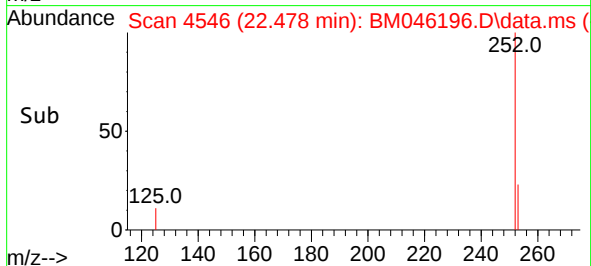
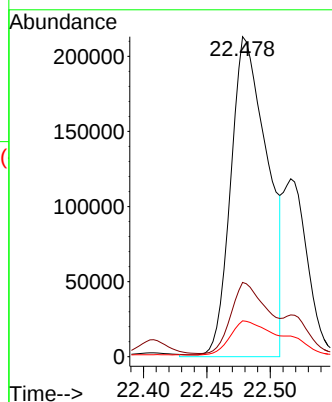
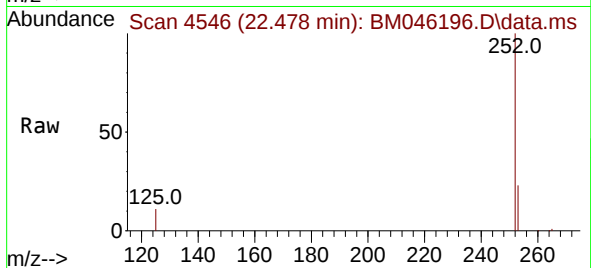
A4D46

Tgt Ion:252 Resp: 428860
 Ion Ratio Lower Upper
 252 100
 253 23.2 0.0 65.8
 125 11.2 0.0 40.2

Manual Integrations

APPROVED

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 Supervised By :Jagrut Upadhyay 06/24/2024



#25

Benzo(k)fluoranthene

Concen: 4.927 ng/ul m

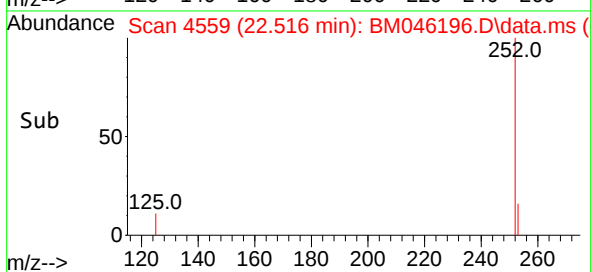
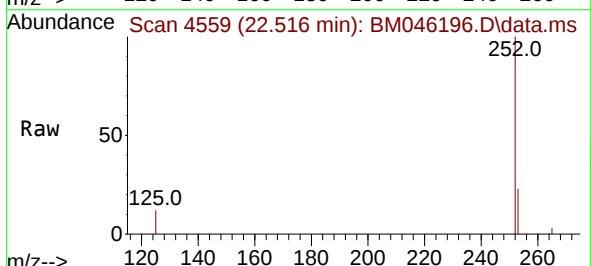
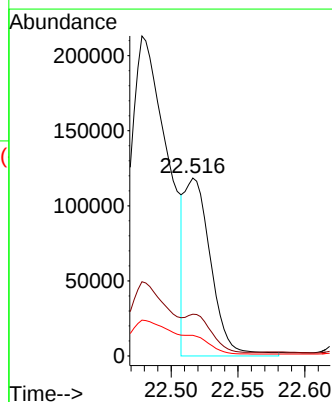
RT: 22.516 min Scan# 4559

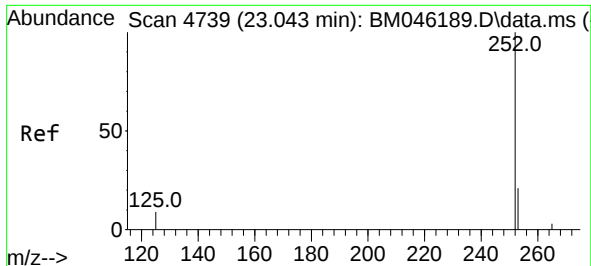
Delta R.T. -0.047 min

Lab File: BM046196.D

Acq: 22 Jun 2024 14:01

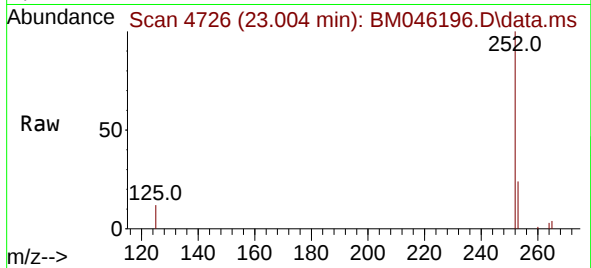
Tgt Ion:252 Resp: 162751
 Ion Ratio Lower Upper
 252 100
 253 23.5 27.2 40.8#
 125 11.6 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 7.015 ng/ul m
RT: 23.004 min Scan# 4726
Delta R.T. -0.050 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

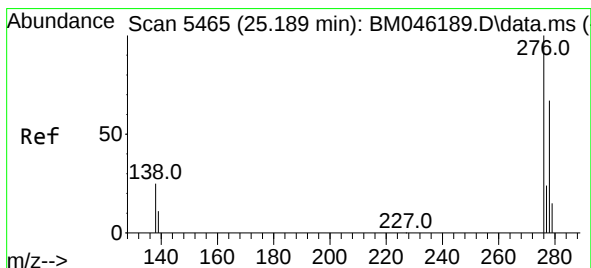
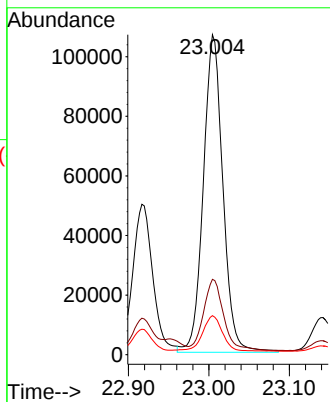
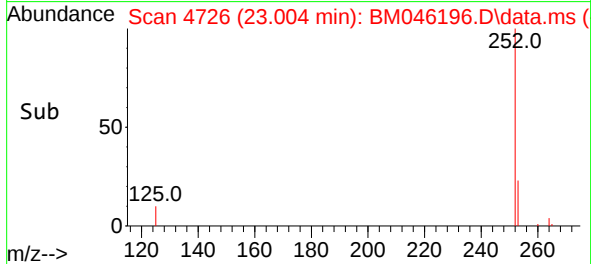
Instrument :
BNA_M
ClientSampleId :
A4D46



Tgt Ion:252 Resp: 180609
Ion Ratio Lower Upper
252 100
253 23.6 32.1 48.1#
125 12.2 21.2 31.8#

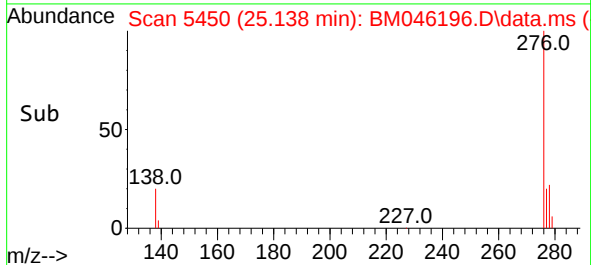
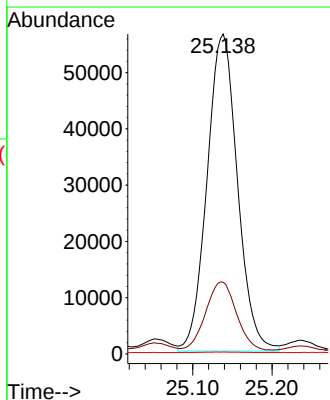
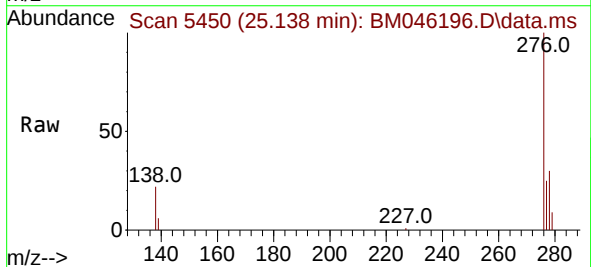
Manual Integrations
APPROVED

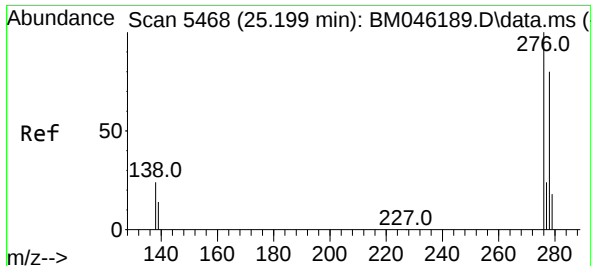
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.569 ng/ul m
RT: 25.138 min Scan# 5450
Delta R.T. -0.064 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

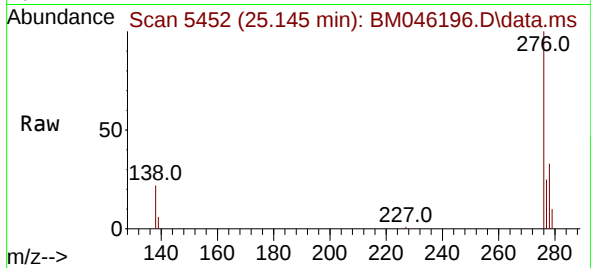
Tgt Ion:276 Resp: 150376
Ion Ratio Lower Upper
276 100
138 1.7 21.0 31.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.659 ng/ul m
RT: 25.145 min Scan# 5468
Delta R.T. -0.071 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

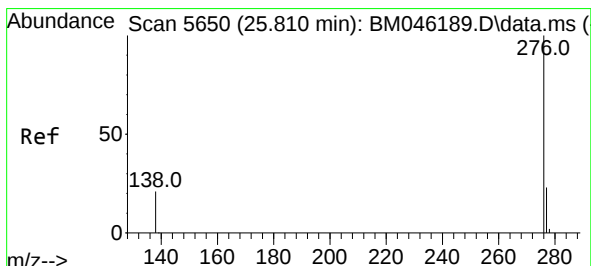
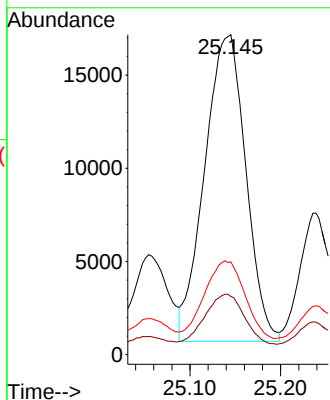
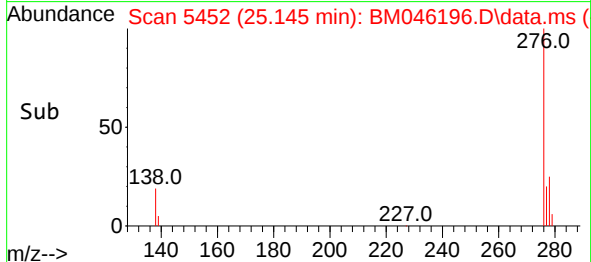
Instrument :
BNA_M
ClientSampleId :
A4D46



Tgt Ion:278 Resp: 5203
Ion Ratio Lower Upper
278 100
139 18.2 17.6 26.4
279 29.0 26.3 39.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.570 ng/ul m
RT: 25.765 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046196.D
Acq: 22 Jun 2024 14:01

Tgt Ion:276 Resp: 20579
Ion Ratio Lower Upper
276 100
138 27.3 21.7 32.5
277 29.7 20.4 30.6

