

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046195.D
 Acq On : 22 Jun 2024 13:25
 Operator : MA/JU
 Sample : P2775-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA1

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 13:58:04 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	2199	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	6702	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.062	164	3805	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.808	188	8220m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.008	240	6588m	0.400	ng/ul	-0.04
23) Perylene-d12	23.101	264	7504m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	9905	3.283	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.811	152	2254	0.250	ng/ul	-0.05
18) Fluoranthene-d10	18.844	212	4874	0.247	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.233	128	996	0.053	ng/ul#	76
7) 2-Methylnaphthalene	11.882	142	455	0.043	ng/ul	97
8) 1-Methylnaphthalene	12.097	142	358	0.031	ng/ul	97
10) Acenaphthylene	13.780	152	3268	0.181	ng/ul#	92
11) Acenaphthene	14.127	153	381	0.029	ng/ul#	88
12) Fluorene	15.117	166	675	0.048	ng/ul#	94
15) Phenanthrene	16.846	178	12209m	0.529	ng/ul	
16) Anthracene	16.939	178	3257m	0.189	ng/ul	
19) Fluoranthene	18.872	202	33875	1.188	ng/ul	97
20) Pyrene	19.234	202	31111	1.009	ng/ul	97
21) Benzo(a)anthracene	20.994	228	17713	0.696	ng/ul	95
22) Chrysene	21.043	228	16899	0.520	ng/ul	96
24) Benzo(b)fluoranthene	22.484	252	27640m	1.022	ng/ul	
25) Benzo(k)fluoranthene	22.522	252	10886m	0.339	ng/ul	
26) Benzo(a)pyrene	23.007	252	17856m	0.713	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.145	276	15607	0.381	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.152	278	3461	0.113	ng/ul#	34
29) Benzo(g,h,i)perylene	25.769	276	16124	0.459	ng/ul	98

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

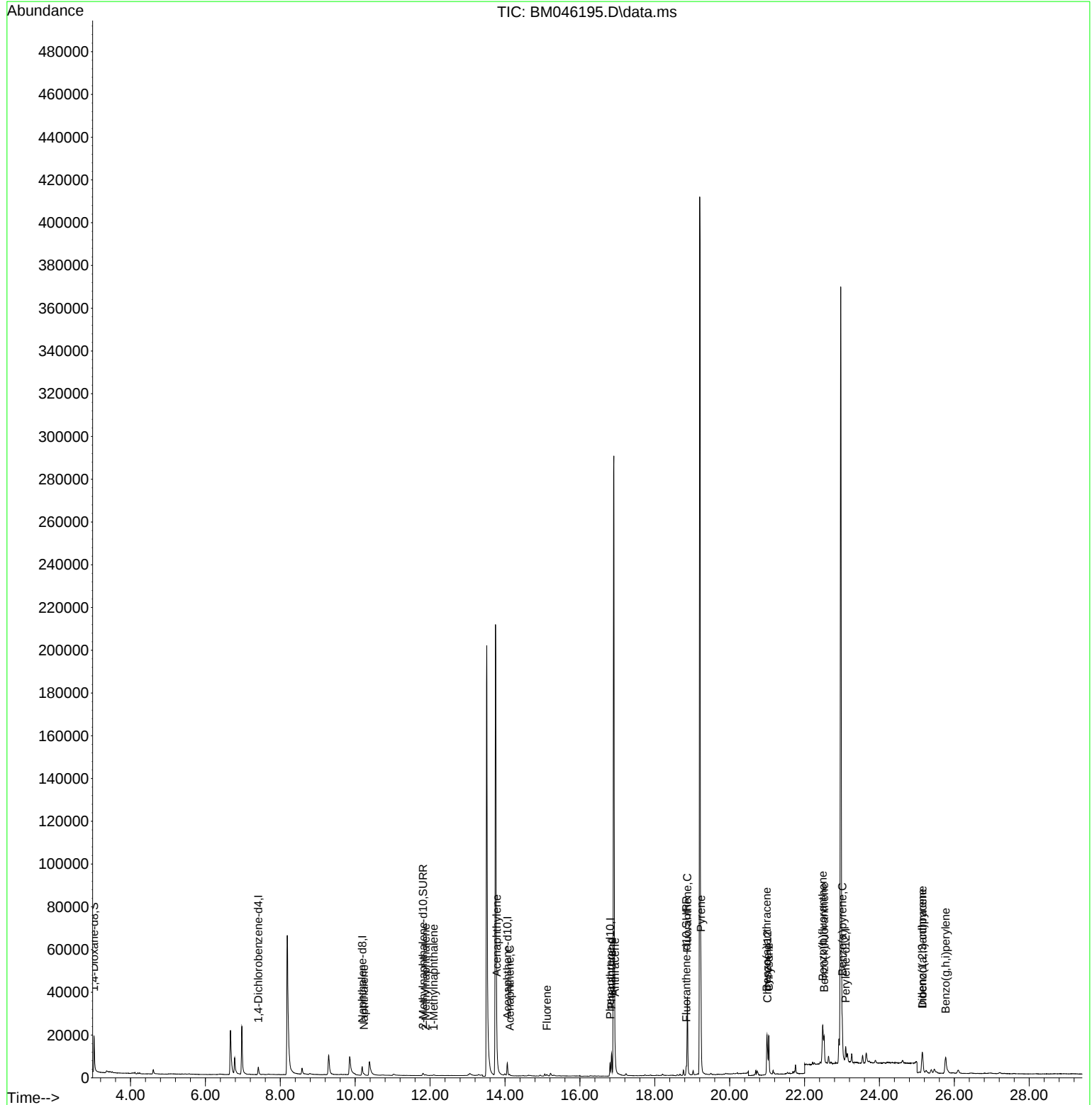
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046195.D
Acq On : 22 Jun 2024 13:25
Operator : MA/JU
Sample : P2775-16
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ALS Vial : 8 Sample Multiplier: 1

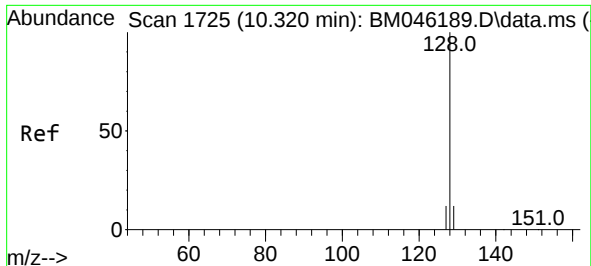
Instrument :
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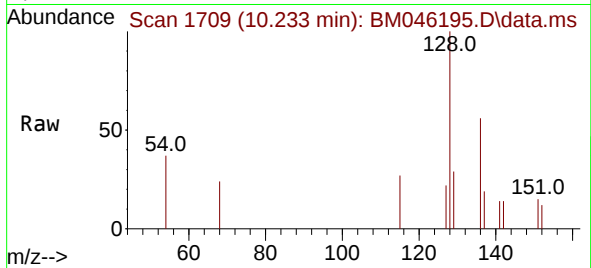
Quant Time: Jun 22 13:58:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.053 ng/ul
RT: 10.233 min Scan# 1709
Delta R.T. -0.070 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

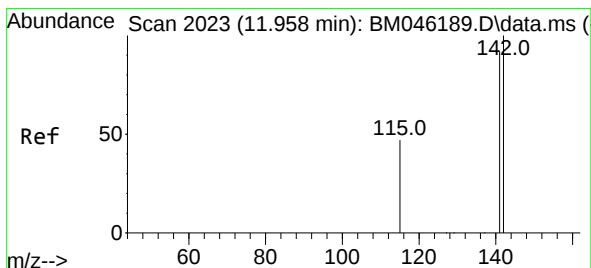
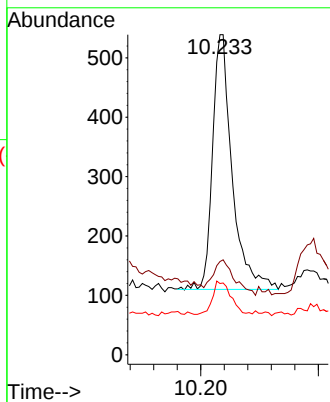
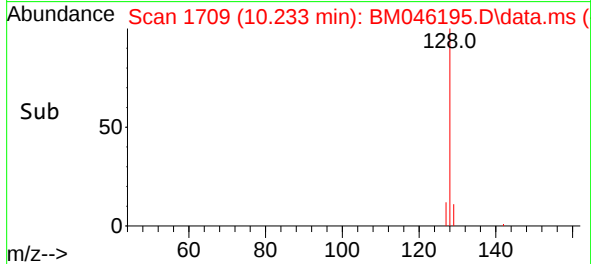
Instrument :
BNA_M
ClientSampleId :
A4CA1



Tgt Ion:128 Resp: 990
Ion Ratio Lower Upper
128 100
129 29.1 11.8 17.6
127 22.3 12.8 19.2

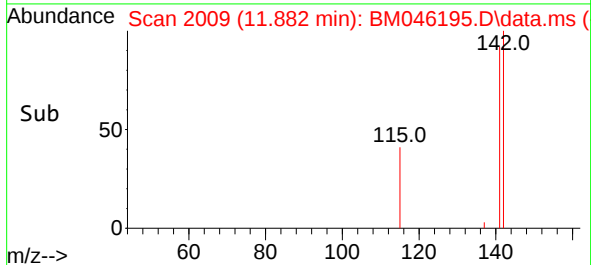
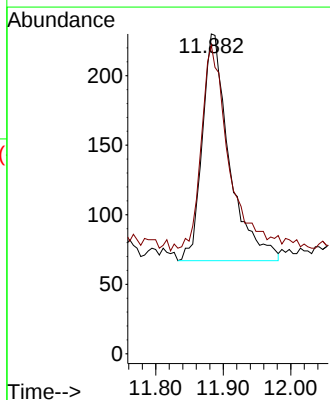
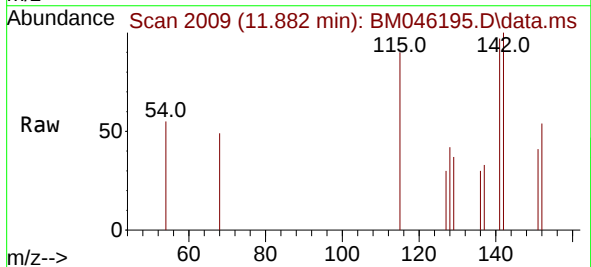
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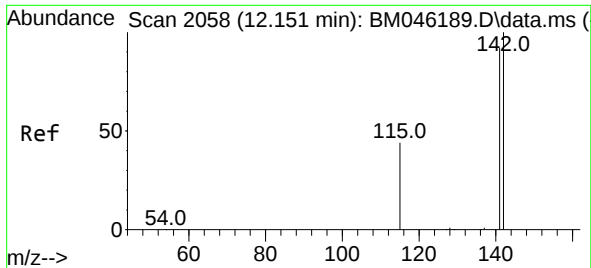
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.065 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

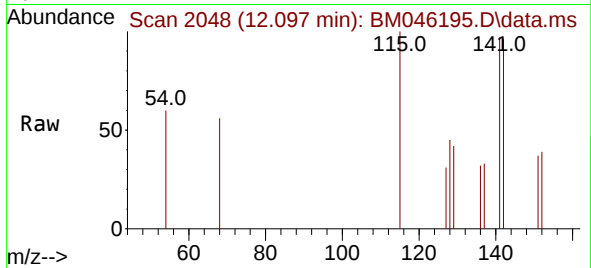
Tgt Ion:142 Resp: 455
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.031 ng/uI
RT: 12.097 min Scan# 2058
Delta R.T. -0.054 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

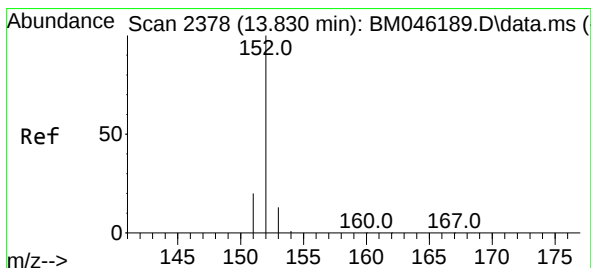
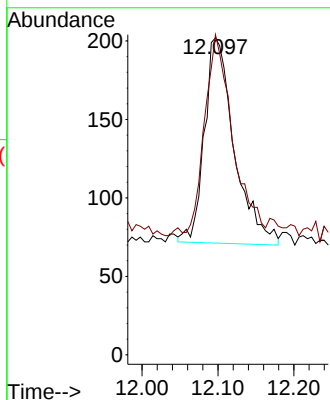
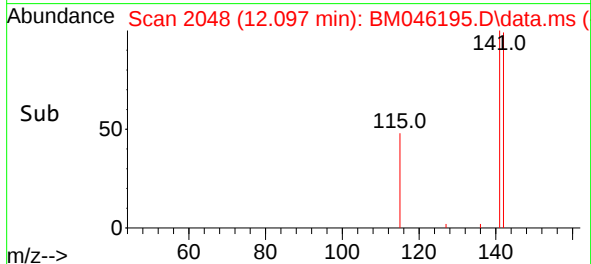
Instrument :
BNA_M
ClientSampleId :
A4CA1



Tgt Ion:142 Resp: 358
Ion Ratio Lower Upper
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141 91.3 75.2 112.8

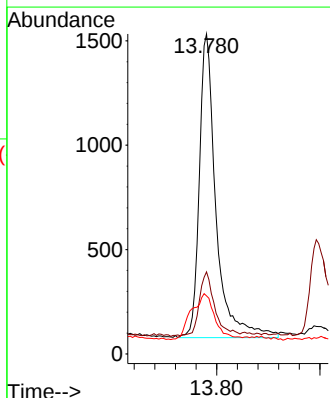
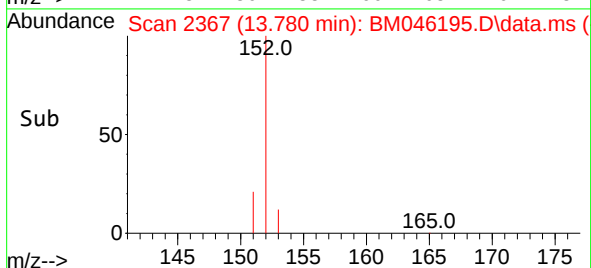
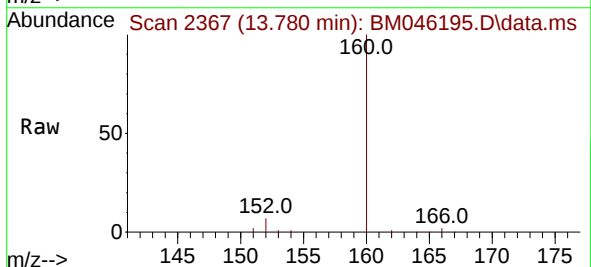
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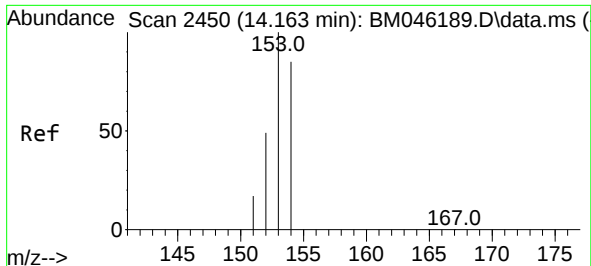
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#10
Acenaphthylene
Concen: 0.181 ng/uI
RT: 13.780 min Scan# 2367
Delta R.T. -0.054 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

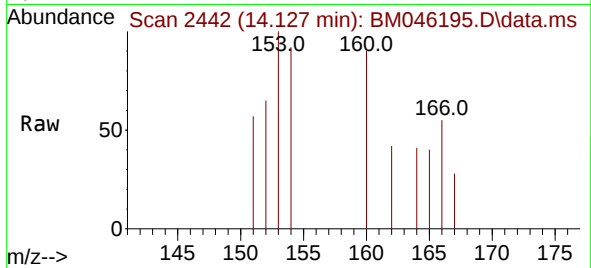
Tgt Ion:152 Resp: 3268
Ion Ratio Lower Upper
152 100
151 25.6 17.4 26.2
153 18.1 11.8 17.8#





#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.127 min Scan# 2450
Delta R.T. -0.045 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

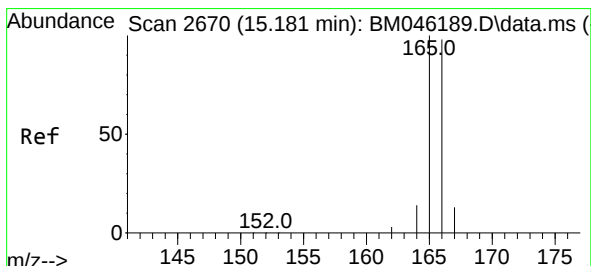
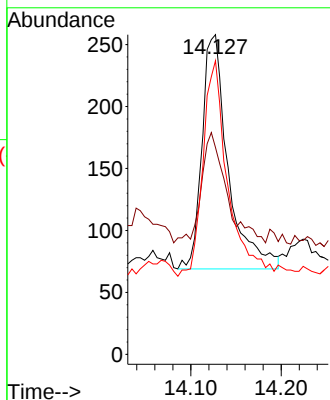
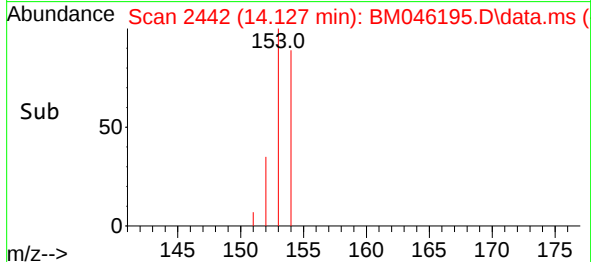
Instrument :
BNA_M
ClientSampleId :
A4CA1



Tgt Ion:153 Resp: 38
Ion Ratio Lower Upper
153 100
152 64.7 41.3 61.9
154 91.9 68.2 102.4

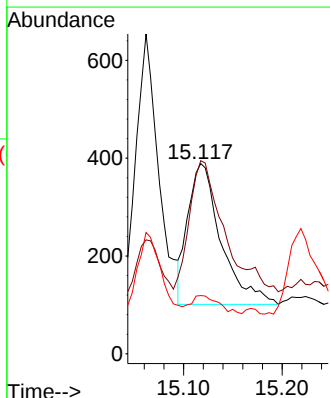
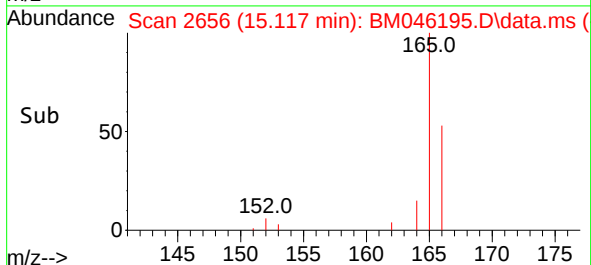
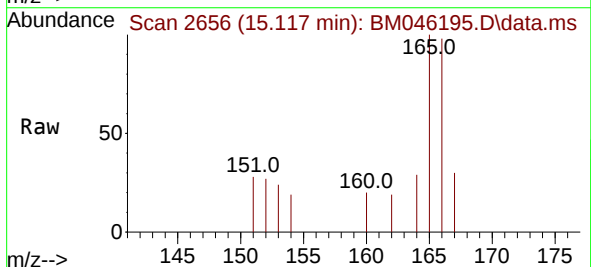
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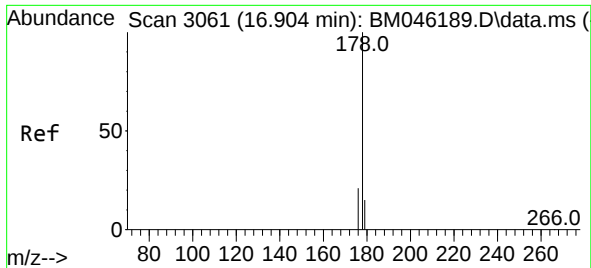
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 0.048 ng/ul
RT: 15.117 min Scan# 2656
Delta R.T. -0.064 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

Tgt Ion:166 Resp: 675
Ion Ratio Lower Upper
166 100
165 101.5 80.4 120.6
167 30.6 12.4 18.6





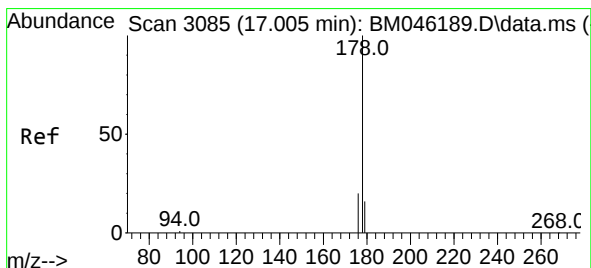
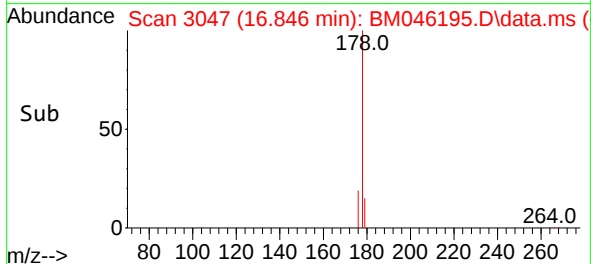
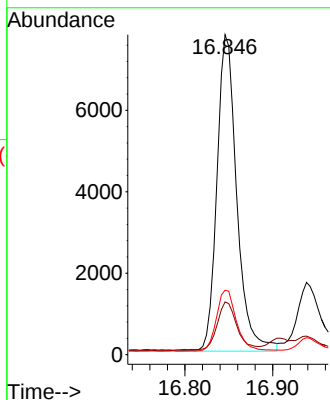
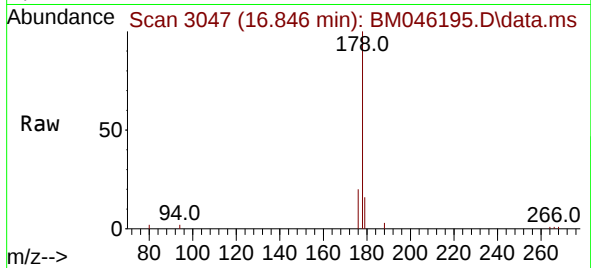
#15
Phenanthrene
Concen: 0.529 ng/ul m
RT: 16.846 min Scan# 3061
Delta R.T. -0.058 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

Instrument :
BNA_M
ClientSampleId :
A4CA1

Tgt Ion:178 Resp: 12209
Ion Ratio Lower Upper
178 100
179 16.5 14.2 21.2
176 20.2 17.1 25.7

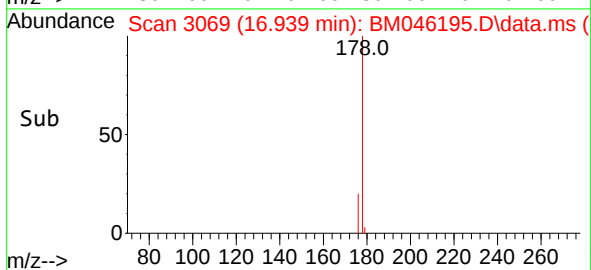
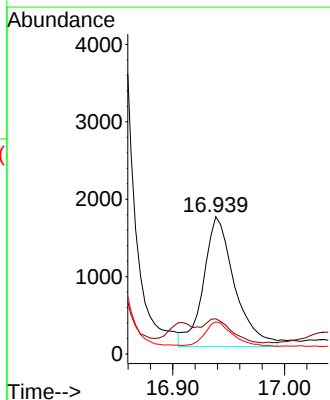
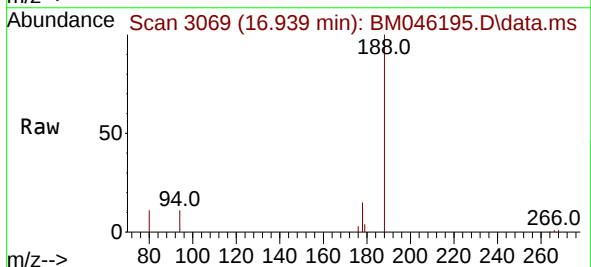
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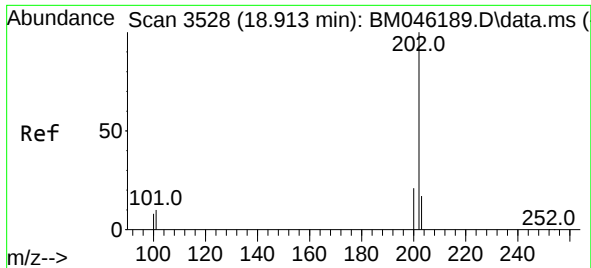
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#16
Anthracene
Concen: 0.189 ng/ul m
RT: 16.939 min Scan# 3069
Delta R.T. -0.066 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

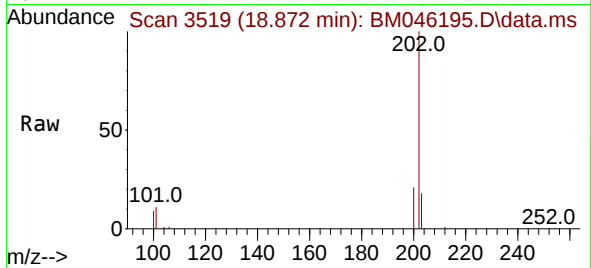
Tgt Ion:178 Resp: 3257
Ion Ratio Lower Upper
178 100
179 25.7 14.9 22.3#
176 23.4 17.0 25.4





#19
Fluoranthene
Concen: 1.188 ng/u1
RT: 18.872 min Scan# 3519
Delta R.T. -0.045 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

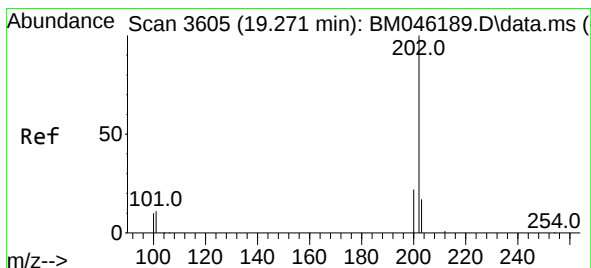
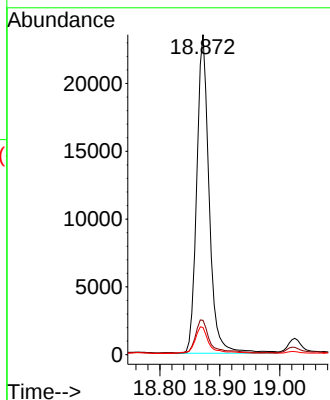
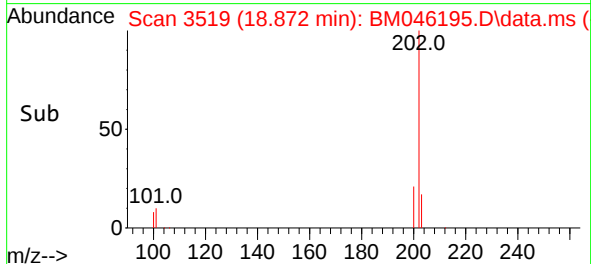
Instrument :
BNA_M
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A4CA1



Tgt Ion:202 Resp: 3387
Ion Ratio Lower Upper
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101 10.8 9.6 14.4
100 8.5 7.6 11.4

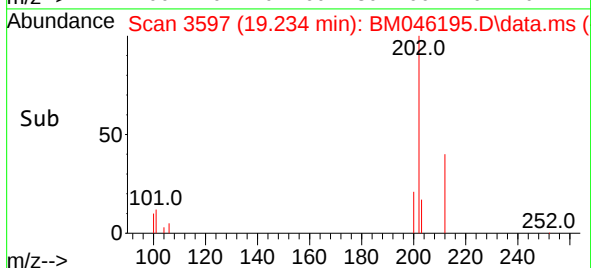
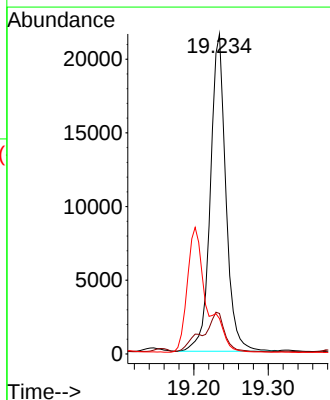
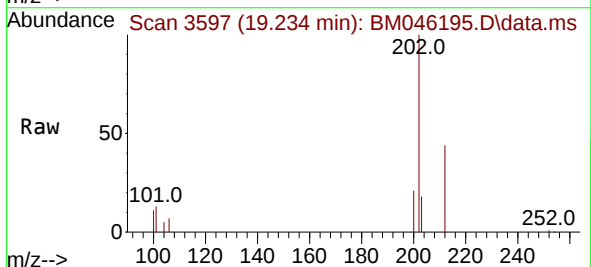
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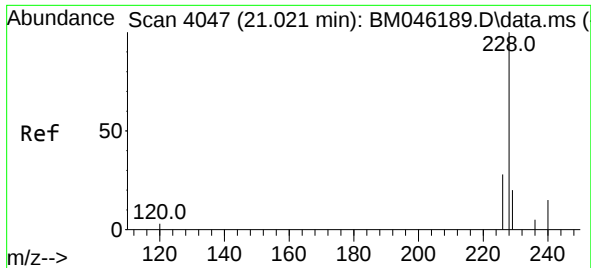
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#20
Pyrene
Concen: 1.009 ng/u1
RT: 19.234 min Scan# 3597
Delta R.T. -0.041 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

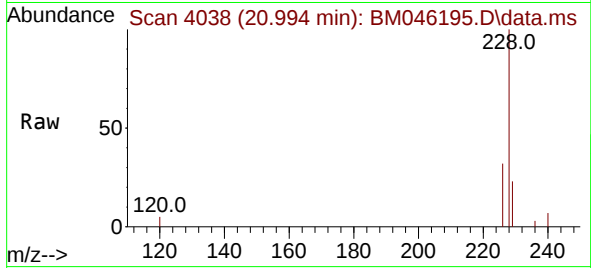
Tgt Ion:202 Resp: 31111
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.696 ng/u1
RT: 20.994 min Scan# 4038
Delta R.T. -0.036 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

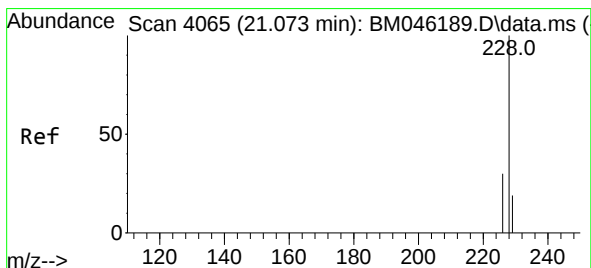
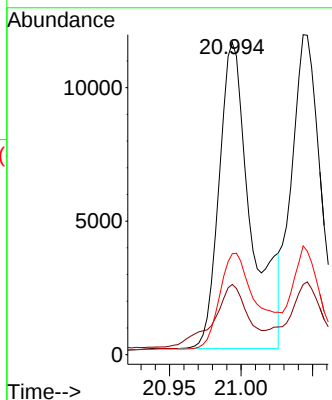
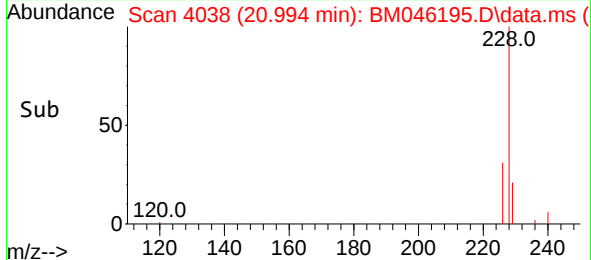
Instrument :
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Tgt Ion:228 Resp: 1771
Ion Ratio Lower Upper
228 100
229 22.5 16.4 24.6
226 32.4 23.4 35.2

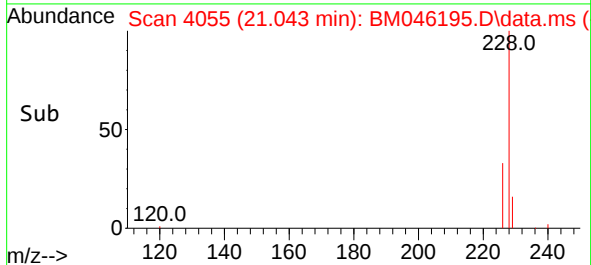
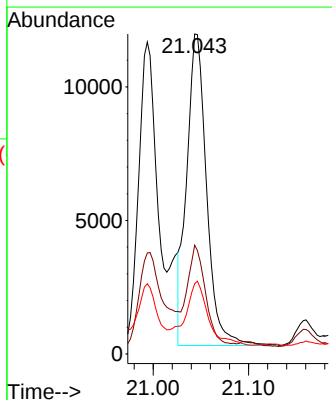
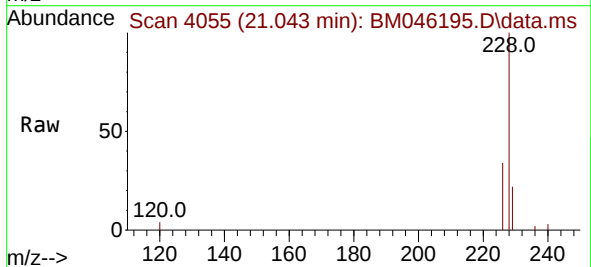
Manual Integrations
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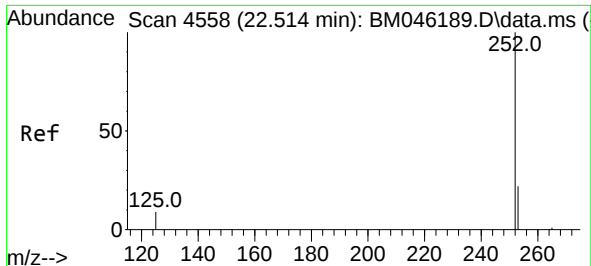
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#22
Chrysene
Concen: 0.520 ng/u1
RT: 21.043 min Scan# 4055
Delta R.T. -0.033 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

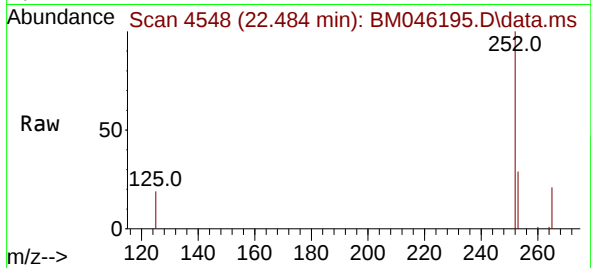
Tgt Ion:228 Resp: 16899
Ion Ratio Lower Upper
228 100
226 34.0 25.2 37.8
229 21.9 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 1.022 ng/ul m
RT: 22.484 min Scan# 4548
Delta R.T. -0.036 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

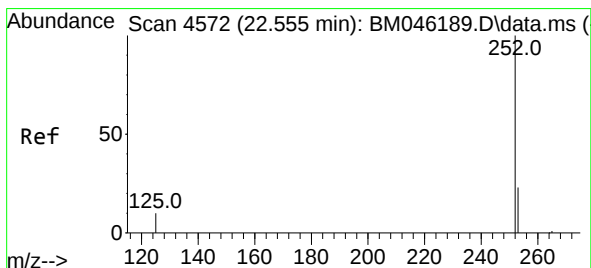
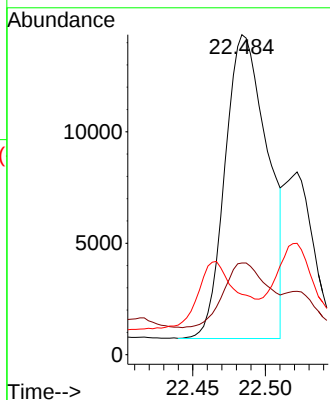
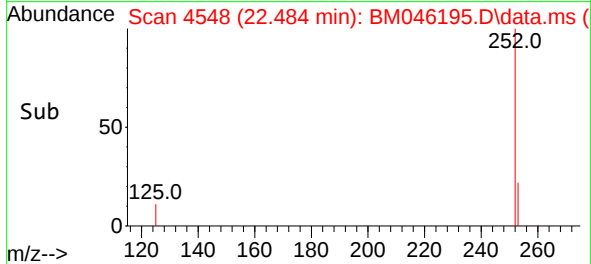
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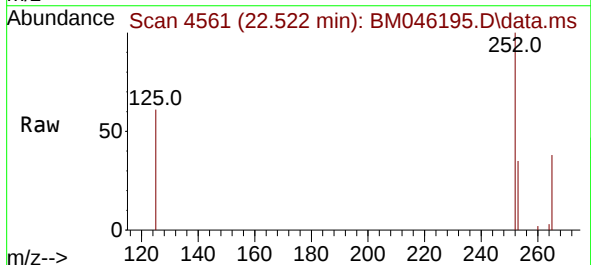
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Ion Ratio Lower Upper
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253 28.7 0.0 65.8
125 18.9 0.0 40.2

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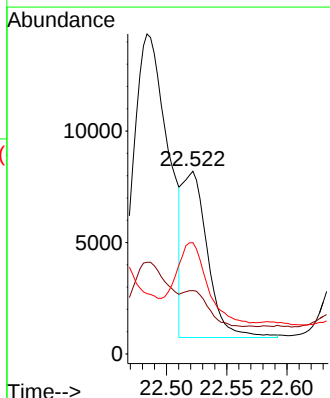
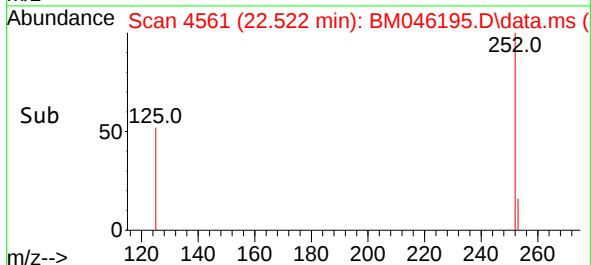
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

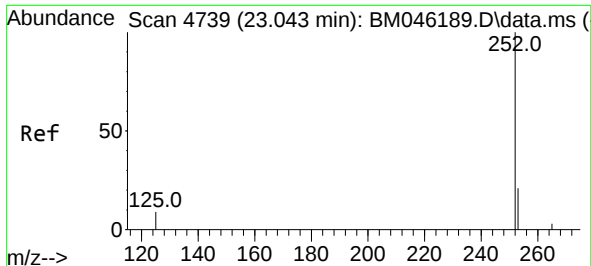


#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul m
RT: 22.522 min Scan# 4561
Delta R.T. -0.041 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25



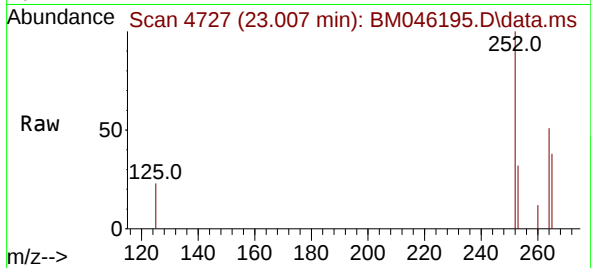
Tgt Ion:252 Resp: 10886
Ion Ratio Lower Upper
252 100
253 34.7 27.2 40.8
125 60.9 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 0.713 ng/ul m
RT: 23.007 min Scan# 4727
Delta R.T. -0.047 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

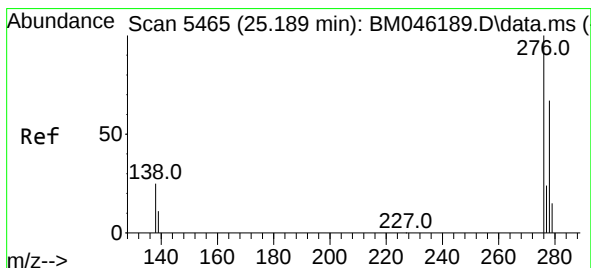
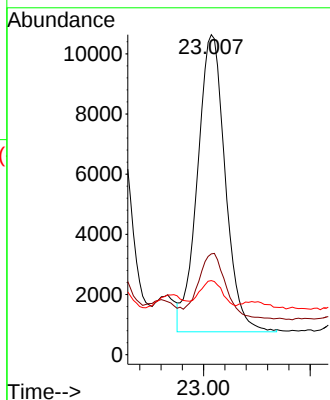
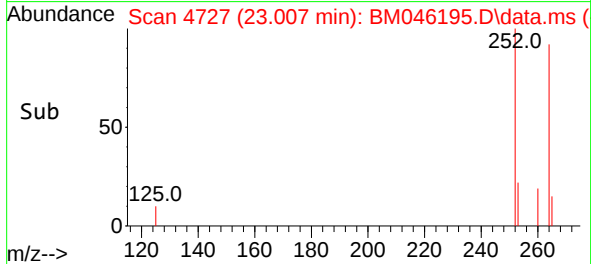
Instrument :
BNA_M
ClientSampleId :
A4CA1



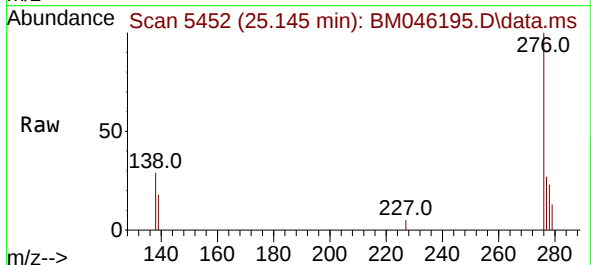
Tgt Ion:252 Resp: 17850
Ion Ratio Lower Upper
252 100
253 31.5 32.1 48.1
125 23.2 21.2 31.8

Manual Integrations
APPROVED

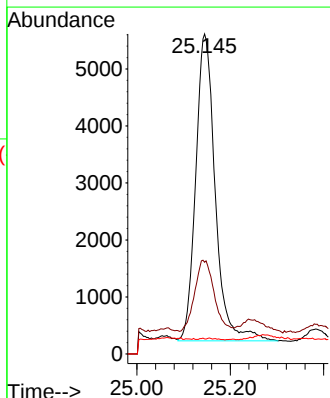
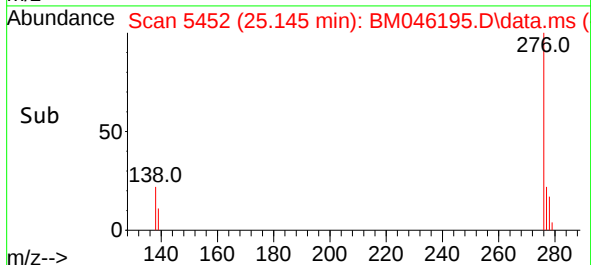
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

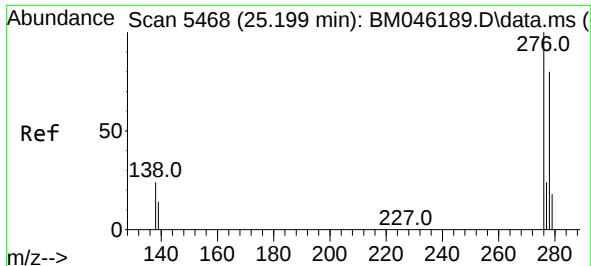


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 25.145 min Scan# 5452
Delta R.T. -0.058 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25



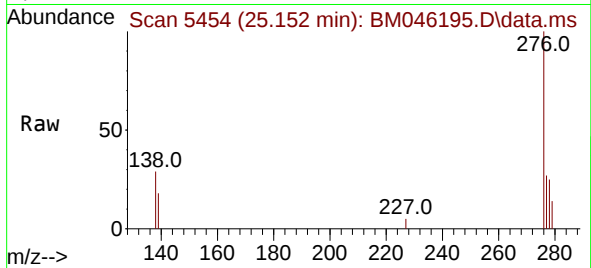
Tgt Ion:276 Resp: 15607
Ion Ratio Lower Upper
276 100
138 23.8 21.0 31.4
227 0.1 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.152 min Scan# 5468
Delta R.T. -0.064 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25

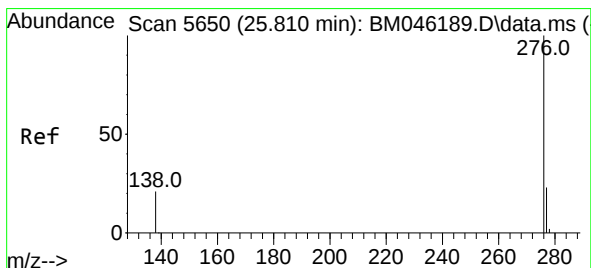
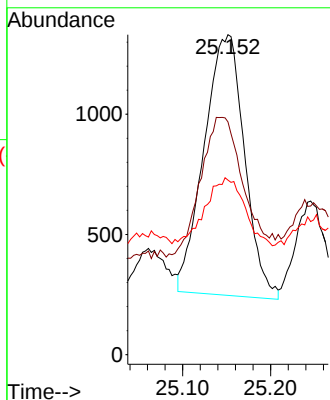
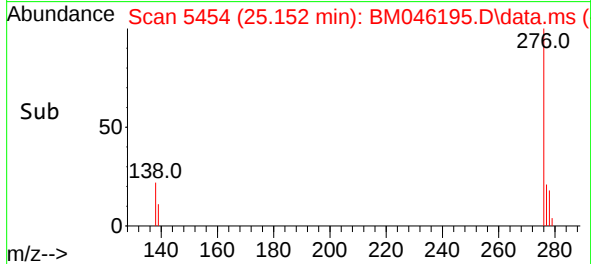
Instrument :
BNA_M
ClientSampleId :
A4CA1



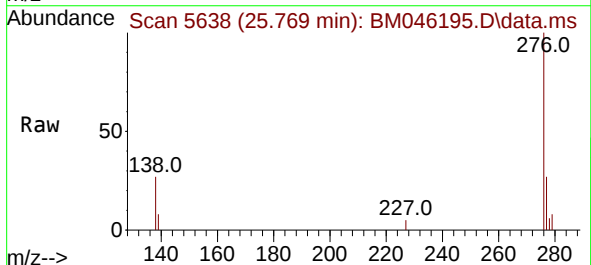
Tgt Ion:278 Resp: 346
Ion Ratio Lower Upper
278 100
139 72.7 17.6 26.4
279 54.5 26.3 39.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 25.769 min Scan# 5638
Delta R.T. -0.061 min
Lab File: BM046195.D
Acq: 22 Jun 2024 13:25



Tgt Ion:276 Resp: 16124
Ion Ratio Lower Upper
276 100
138 27.0 21.7 32.5
277 27.2 20.4 30.6

