

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046193.D
 Acq On : 22 Jun 2024 12:12
 Operator : MA/JU
 Sample : P2775-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C95

Manual Integrations
 APPROVED

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

Quant Time: Jun 22 12:44:31 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	2387	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.183	136	7163	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.058	164	4081	0.400	ng/ul	-0.05
13) Phenanthrene-d10	16.799	188	9189m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.003	240	6452m	0.400	ng/ul	-0.04
23) Perylene-d12	23.098	264	8530m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	12121	3.701	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.800	152	2871	0.299	ng/ul	-0.06
18) Fluoranthene-d10	18.835	212	6675m	0.345	ng/ul	-0.05
Target Compounds					Qvalue	
5) Naphthalene	10.227	128	11988	0.600	ng/ul	96
7) 2-Methylnaphthalene	11.871	142	3691	0.328	ng/ul	98
8) 1-Methylnaphthalene	12.086	142	3182	0.258	ng/ul	97
10) Acenaphthylene	13.776	152	23505	1.214	ng/ul	97
11) Acenaphthene	14.123	153	25168	1.801	ng/ul	97
12) Fluorene	15.113	166	24031	1.603	ng/ul	100
15) Phenanthrene	16.842	178	512736m	19.861	ng/ul	
16) Anthracene	16.934	178	92178m	4.794	ng/ul	
19) Fluoranthene	18.867	202	1030785m	36.898	ng/ul	
20) Pyrene	19.230	202	697551m	23.089	ng/ul	
21) Benzo(a)anthracene	20.988	228	420519m	16.874	ng/ul	
22) Chrysene	21.041	228	447690m	14.076	ng/ul	
24) Benzo(b)fluoranthene	22.481	252	639497m	20.809	ng/ul	
25) Benzo(k)fluoranthene	22.516	252	201944m	5.527	ng/ul	
26) Benzo(a)pyrene	23.004	252	228741m	8.033	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.142	276	230735m	4.951	ng/ul	
28) Dibenzo(a,h)anthracene	25.145	278	83790m	2.415	ng/ul	
29) Benzo(g,h,i)perylene	25.765	276	31812m	0.796	ng/ul	

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

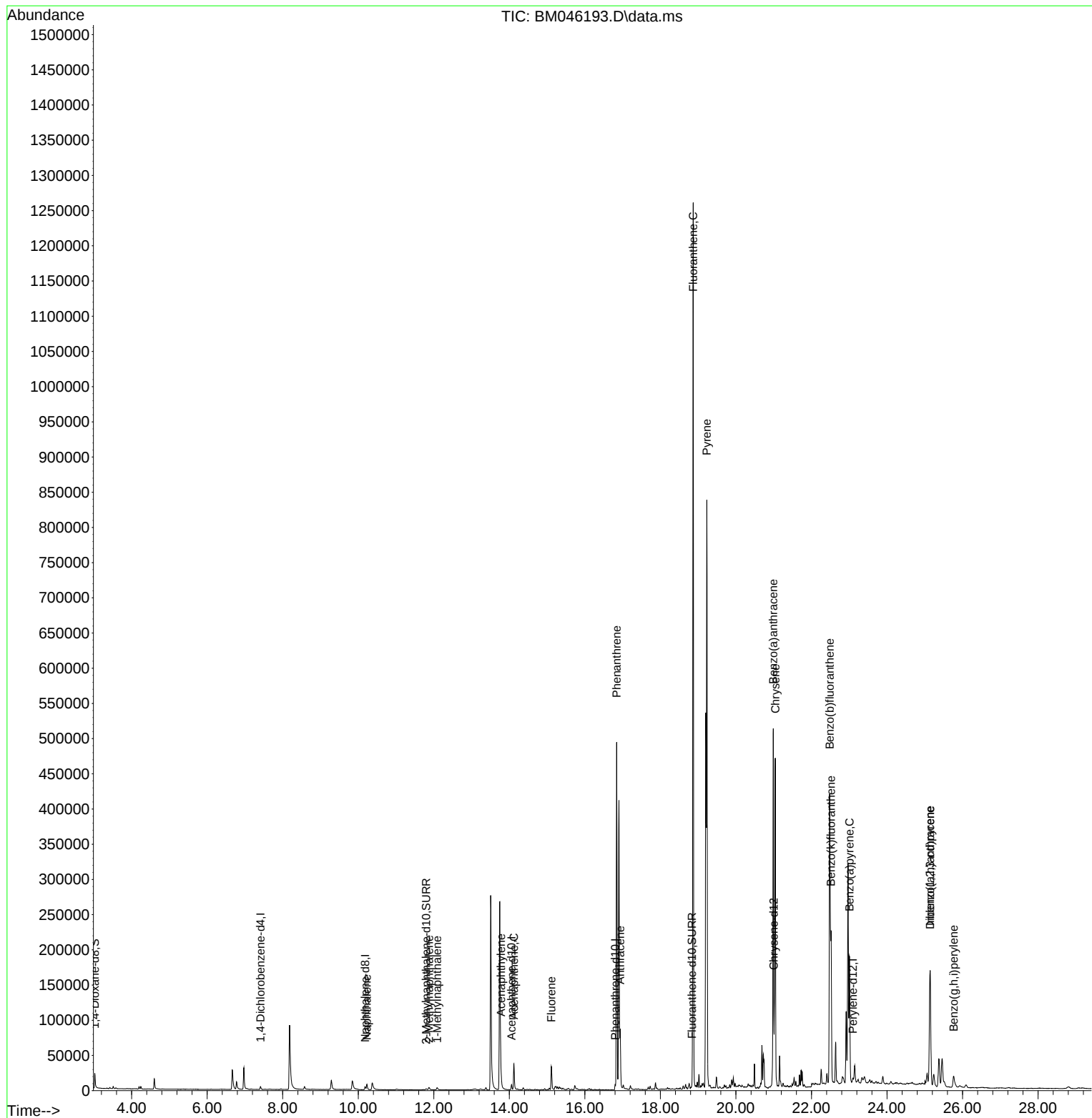
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046193.D
Acq On : 22 Jun 2024 12:12
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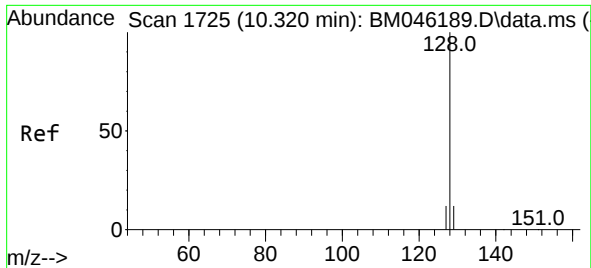
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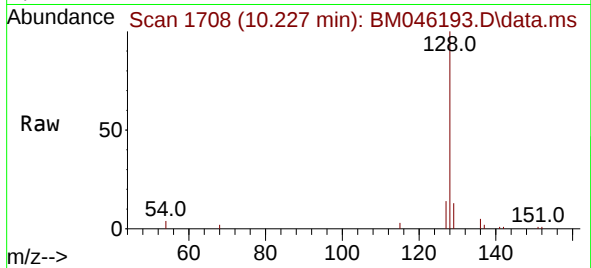
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.600 ng/ul
RT: 10.227 min Scan# 1198
Delta R.T. -0.076 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

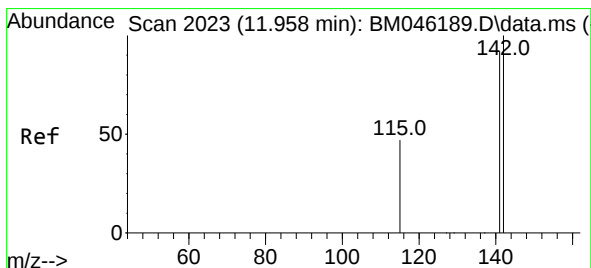
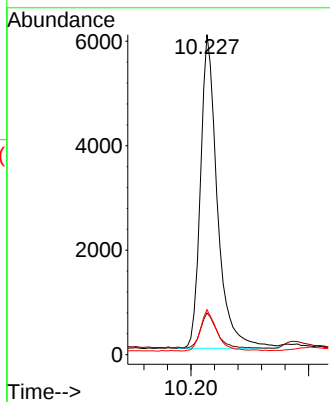
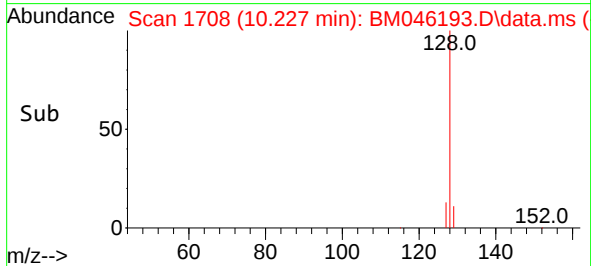
Instrument :
BNA_M
ClientSampleId :
A4C95



Tgt Ion:128 Resp: 1198
Ion Ratio Lower Upper
128 100
129 13.0 11.8 17.6
127 14.0 12.8 19.2

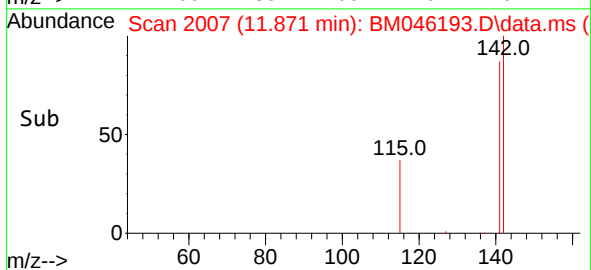
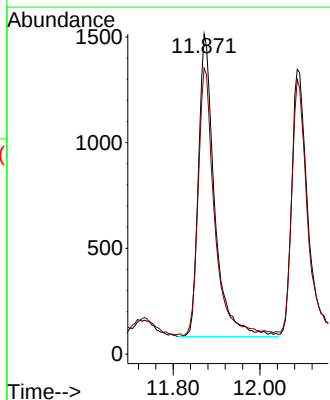
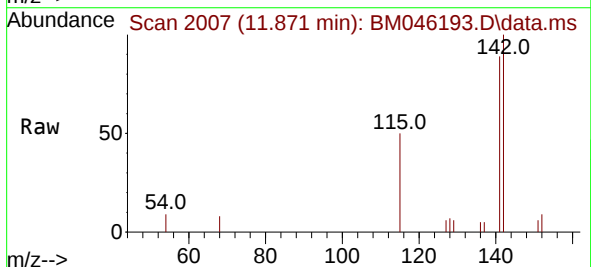
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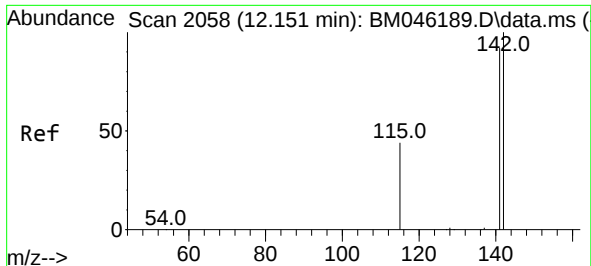
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 11.871 min Scan# 2007
Delta R.T. -0.076 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

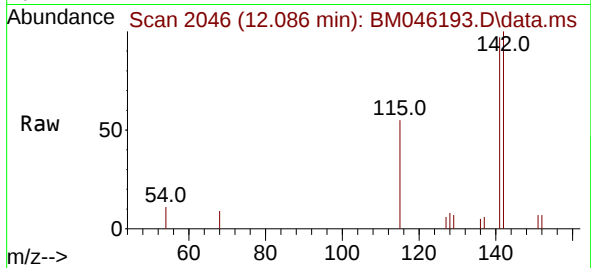
Tgt Ion:142 Resp: 3691
Ion Ratio Lower Upper
142 100
141 90.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.086 min Scan# 2058
Delta R.T. -0.065 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

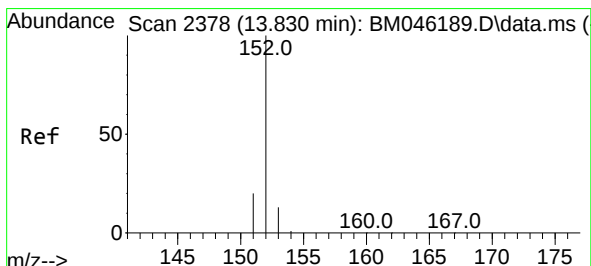
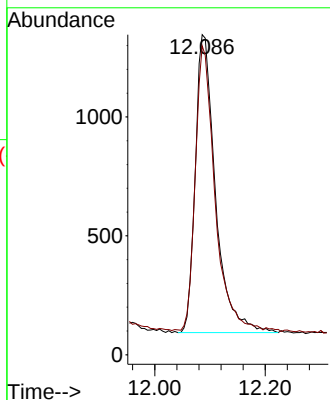
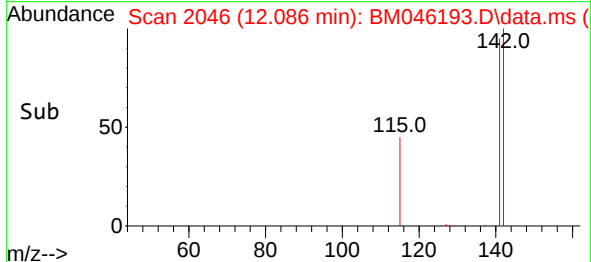
Instrument :
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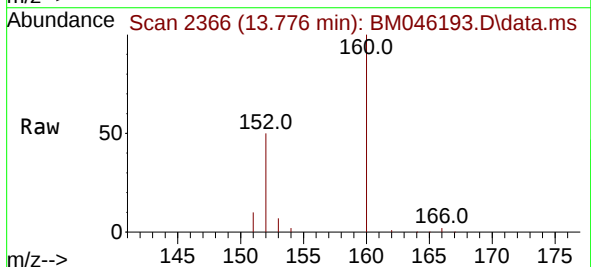
Tgt Ion:142 Resp: 318
Ion Ratio Lower Upper
142 100
141 91.4 75.2 112.8

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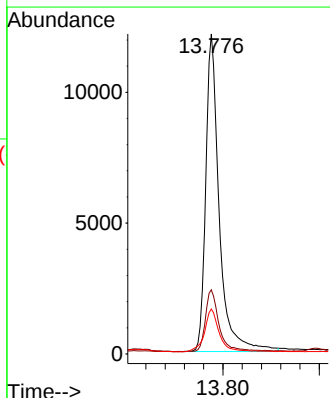
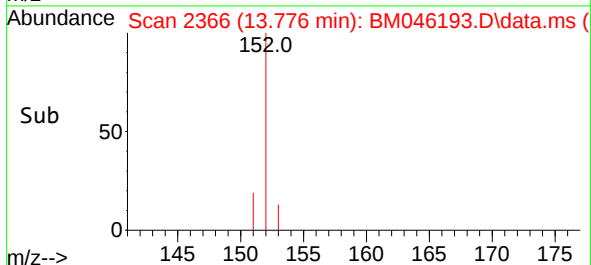
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

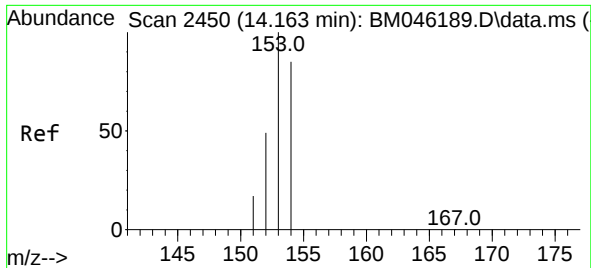


#10
Acenaphthylene
Concen: 1.214 ng/ul
RT: 13.776 min Scan# 2366
Delta R.T. -0.059 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12



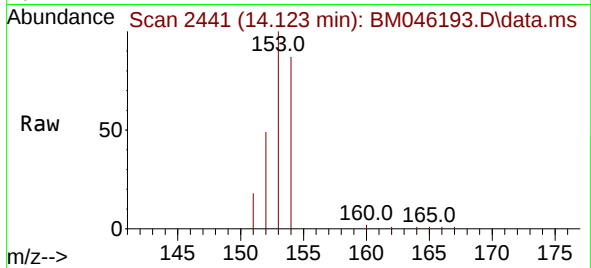
Tgt Ion:152 Resp: 23505
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 14.0 11.8 17.8





#11
Acenaphthene
Concen: 1.801 ng/ul
RT: 14.123 min Scan# 2450
Delta R.T. -0.050 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

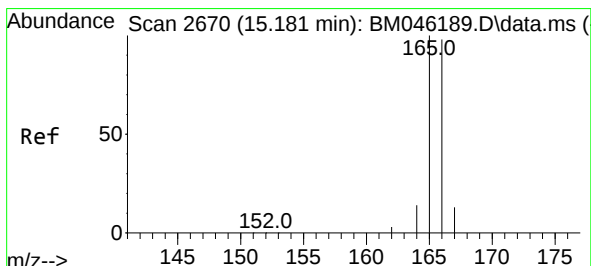
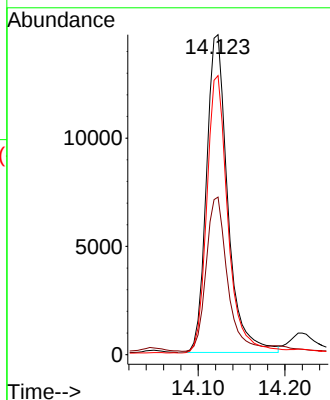
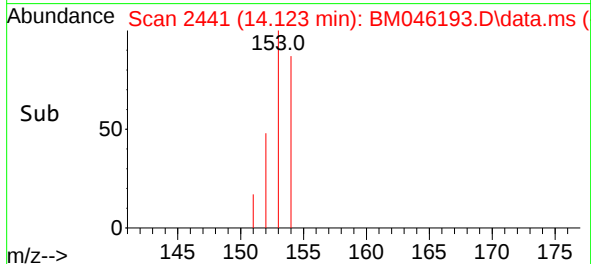
Instrument :
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ClientSampleId :
A4C95



Tgt Ion:153 Resp: 25168
Ion Ratio Lower Upper
153 100
152 49.2 41.3 61.9
154 87.2 68.2 102.4

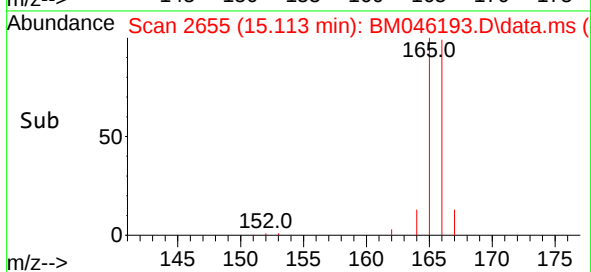
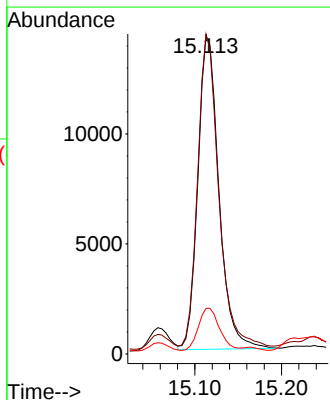
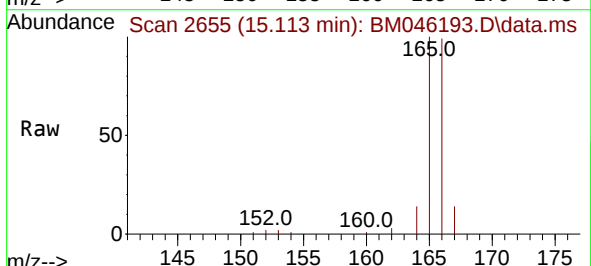
Manual Integrations
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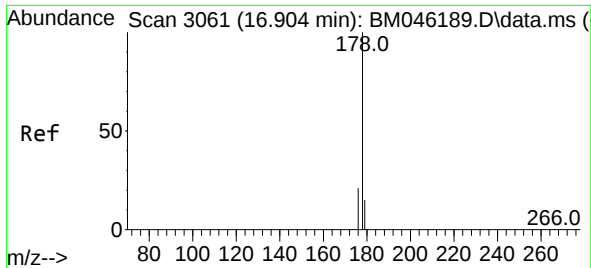
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#12
Fluorene
Concen: 1.603 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.068 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

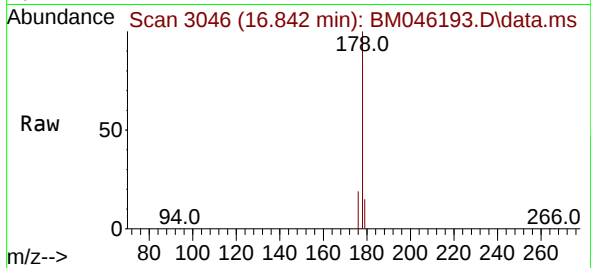
Tgt Ion:166 Resp: 24031
Ion Ratio Lower Upper
166 100
165 100.6 80.4 120.6
167 14.4 12.4 18.6





#15
Phenanthrene
Concen: 19.861 ng/ul m
RT: 16.842 min Scan# 3061
Delta R.T. -0.062 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

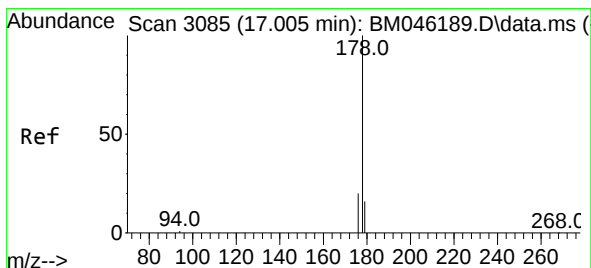
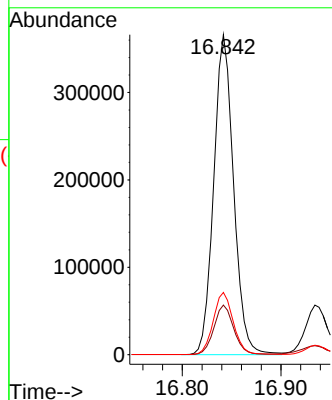
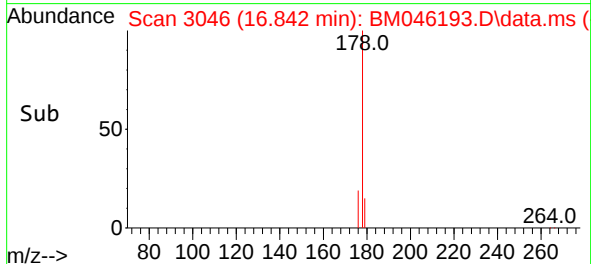
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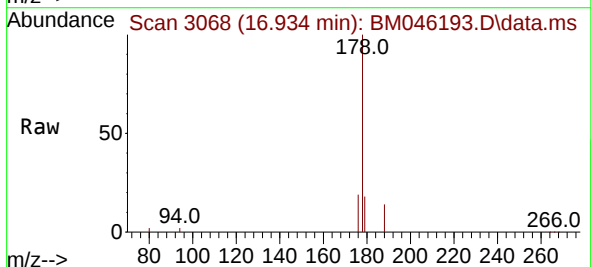
Tgt Ion:178 Resp: 512730
Ion Ratio Lower Upper
178 100
179 15.5 14.2 21.2
176 19.5 17.1 25.7

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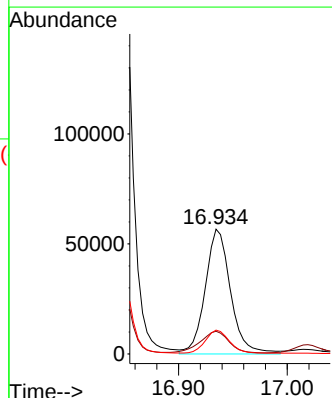
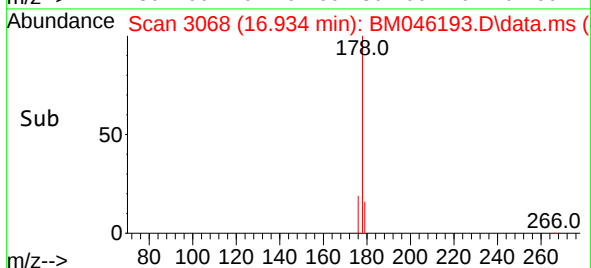
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

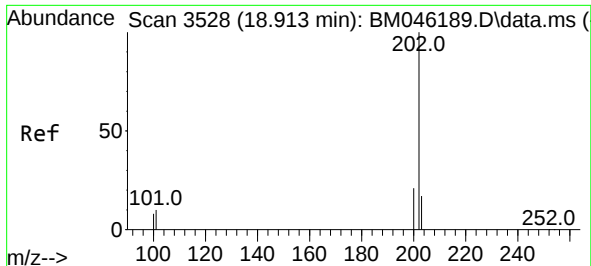


#16
Anthracene
Concen: 4.794 ng/ul m
RT: 16.934 min Scan# 3068
Delta R.T. -0.070 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12



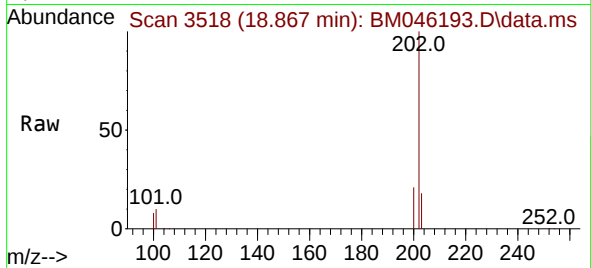
Tgt Ion:178 Resp: 92178
Ion Ratio Lower Upper
178 100
179 18.2 14.9 22.3
176 19.1 17.0 25.4





#19
Fluoranthene
Concen: 36.898 ng/ul m
RT: 18.867 min Scan# 3518
Delta R.T. -0.050 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

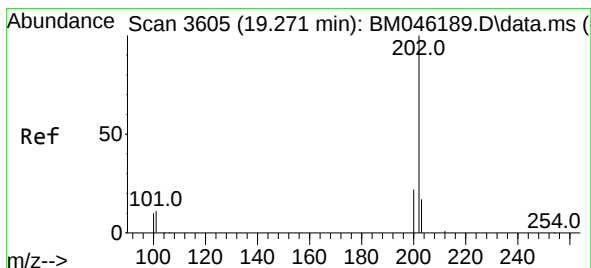
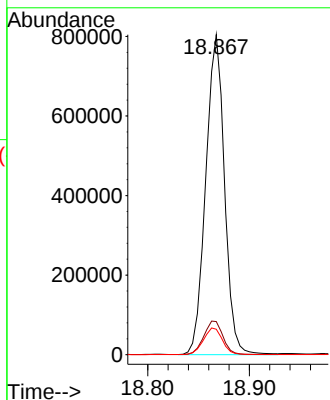
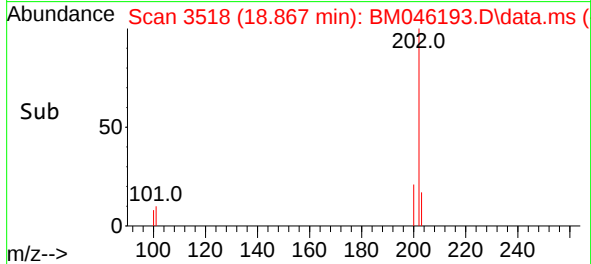
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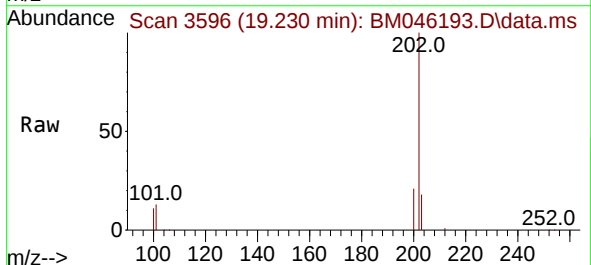
Tgt Ion:202 Resp: 103078
Ion Ratio Lower Upper
202 100
101 10.4 9.6 14.4
100 8.0 7.6 11.4

Manual Integrations
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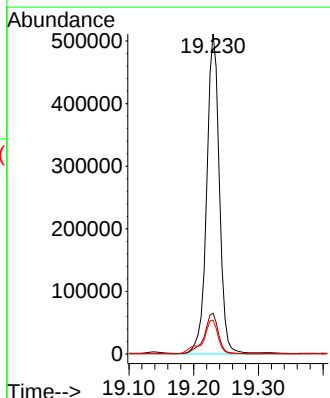
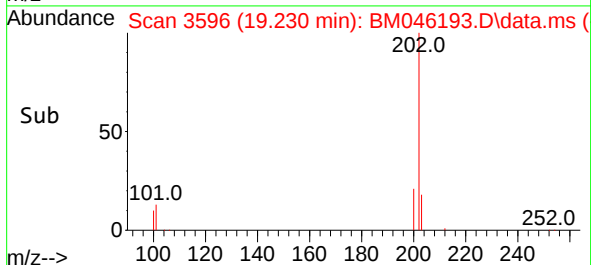
Reviewed By :Yogesh Patel 06/24/2024
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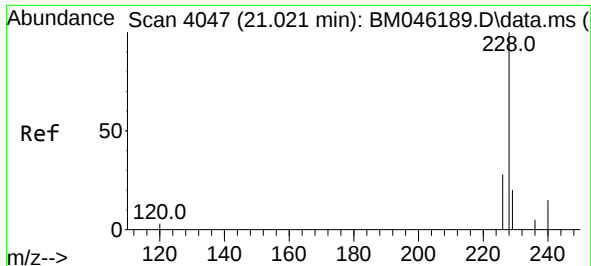


#20
Pyrene
Concen: 23.089 ng/ul m
RT: 19.230 min Scan# 3596
Delta R.T. -0.045 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12



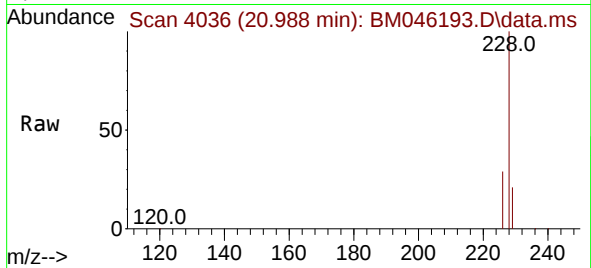
Tgt Ion:202 Resp: 697551
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.6 9.8 14.6





#21
Benzo(a)anthracene
Concen: 16.874 ng/ul m
RT: 20.988 min Scan# 4047
Delta R.T. -0.041 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

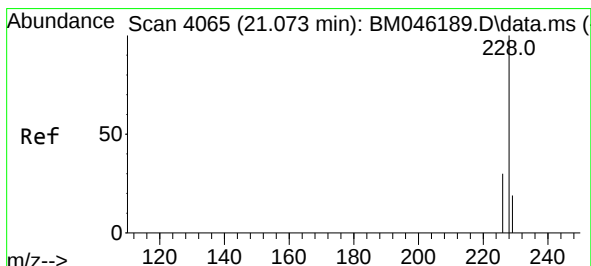
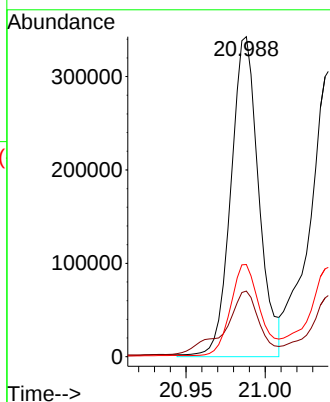
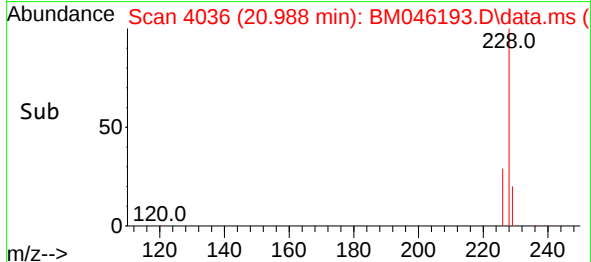
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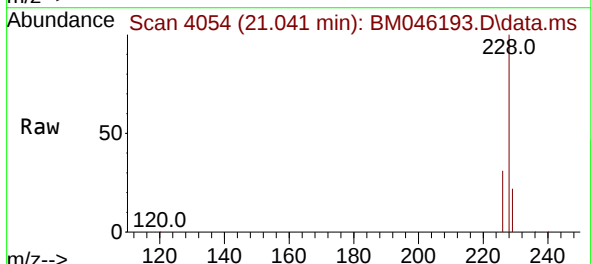
Tgt Ion:228 Resp: 420519
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.8 23.4 35.2

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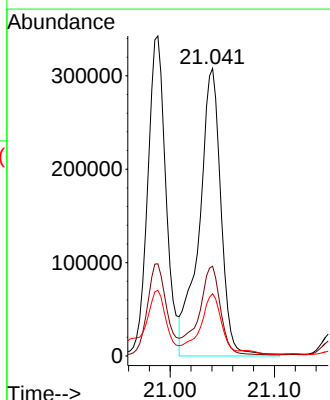
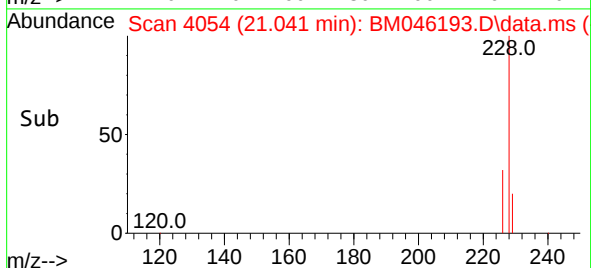
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

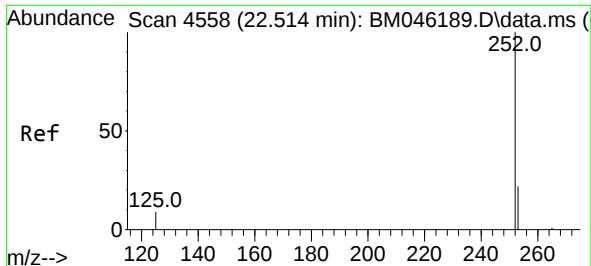


#22
Chrysene
Concen: 14.076 ng/ul m
RT: 21.041 min Scan# 4054
Delta R.T. -0.035 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12



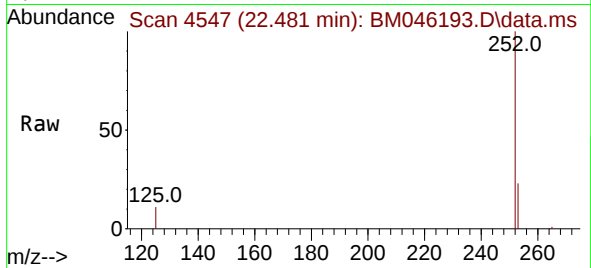
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Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 21.6 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 20.809 ng/ul m
RT: 22.481 min Scan# 4547
Delta R.T. -0.038 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

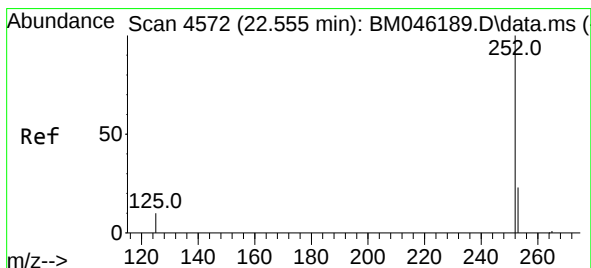
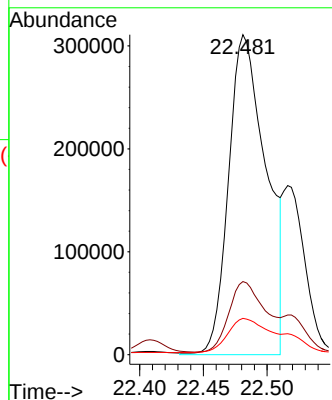
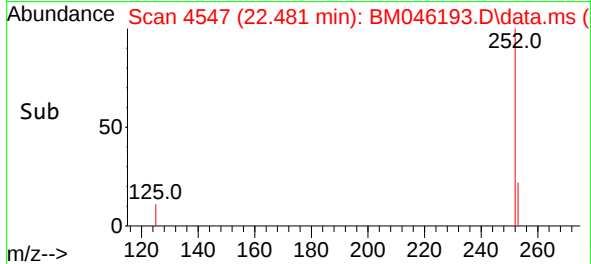
Instrument :
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Tgt Ion:252 Resp: 63949
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.3 0.0 40.2

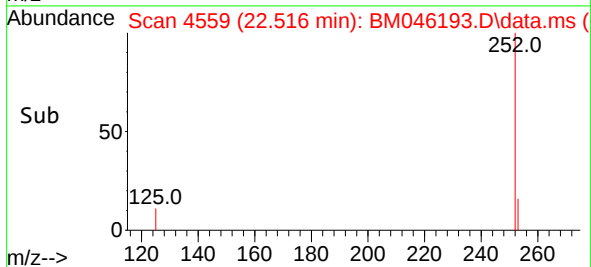
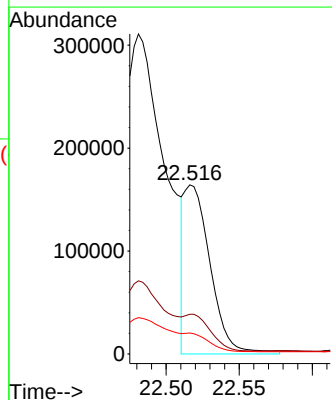
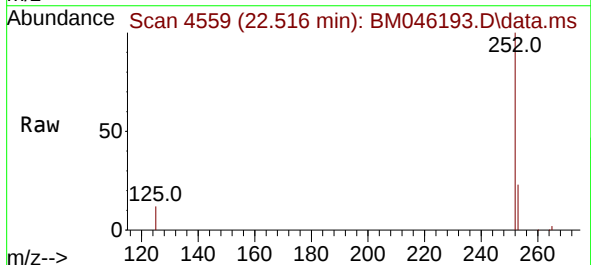
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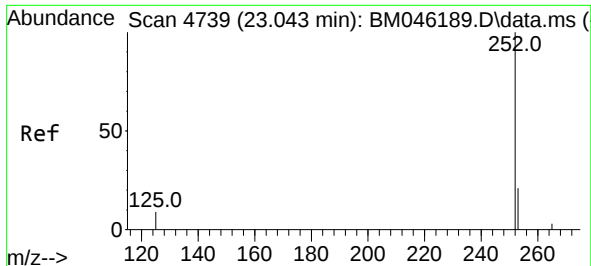
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 5.527 ng/ul m
RT: 22.516 min Scan# 4559
Delta R.T. -0.047 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

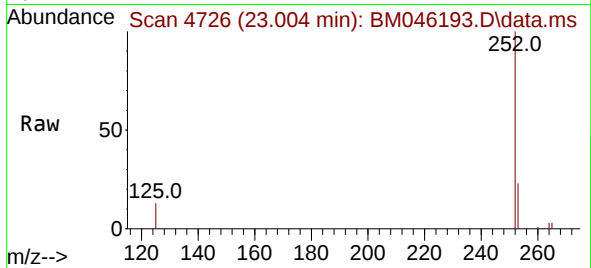
Tgt Ion:252 Resp: 201944
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 12.4 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 8.033 ng/ul m
RT: 23.004 min Scan# 4739
Delta R.T. -0.050 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

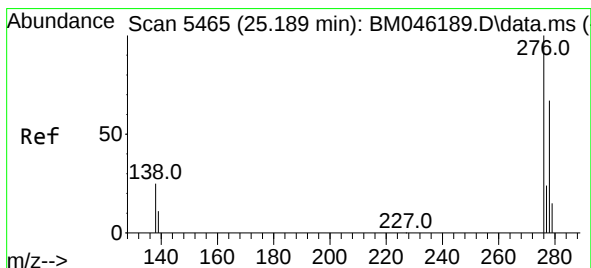
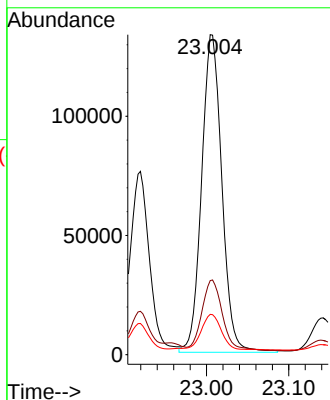
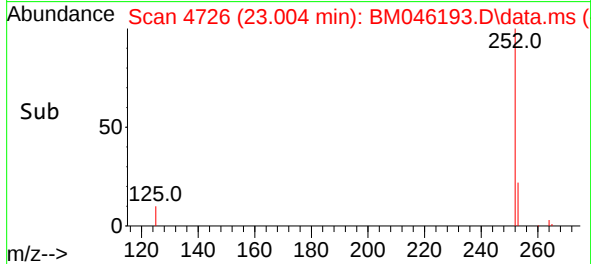
Instrument :
BNA_M
ClientSampleId :
A4C95



Tgt Ion:252 Resp: 22874
Ion Ratio Lower Upper
252 100
253 23.2 32.1 48.1
125 12.6 21.2 31.8

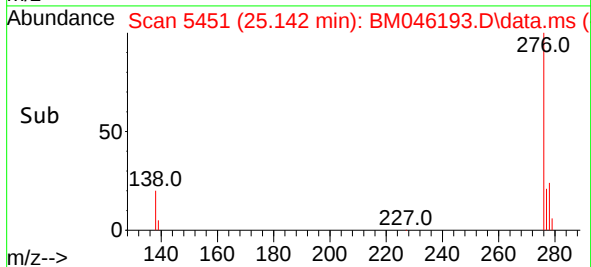
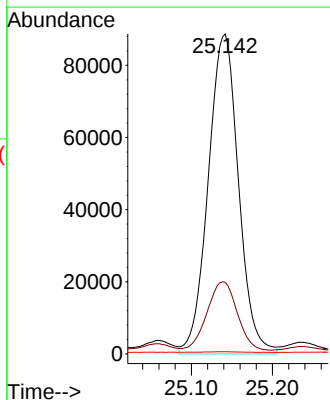
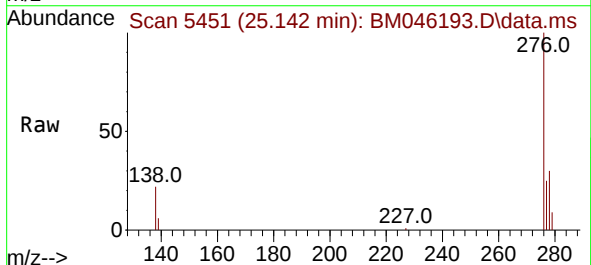
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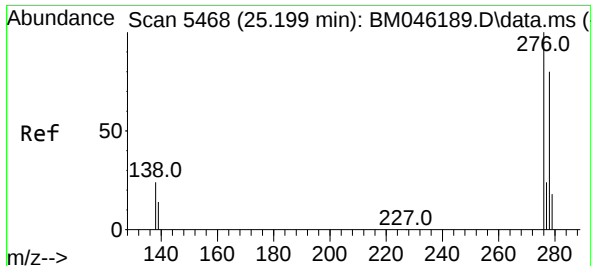
Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.951 ng/ul m
RT: 25.142 min Scan# 5451
Delta R.T. -0.061 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

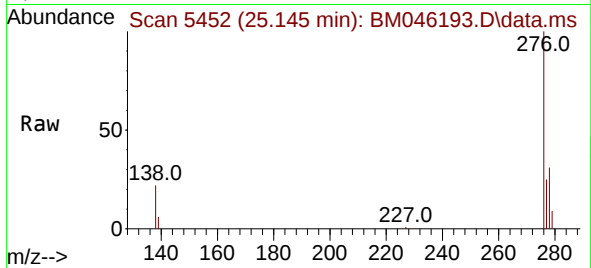
Tgt Ion:276 Resp: 230735
Ion Ratio Lower Upper
276 100
138 0.0 21.0 31.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.415 ng/ul m
RT: 25.145 min Scan# 5468
Delta R.T. -0.071 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12

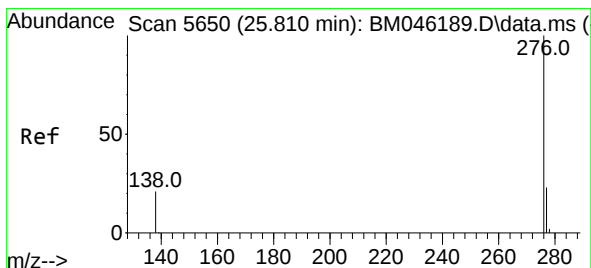
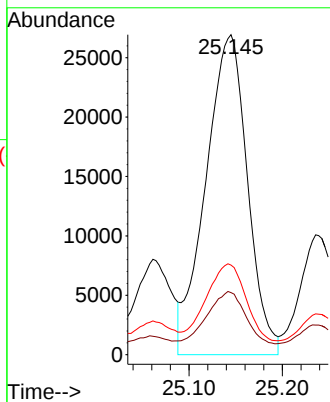
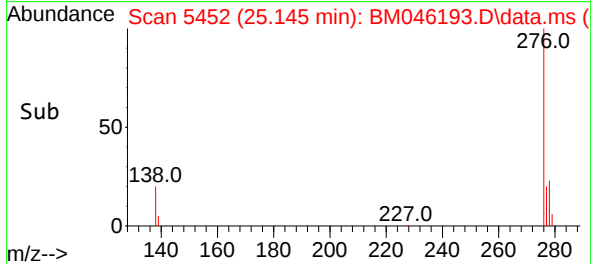
Instrument :
BNA_M
ClientSampleId :
A4C95



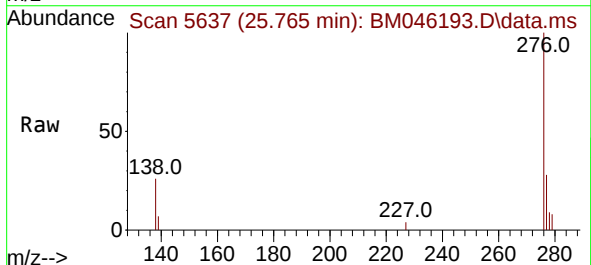
Tgt Ion:278 Resp: 83790
Ion Ratio Lower Upper
278 100
139 19.4 17.6 26.4
279 28.0 26.3 39.5

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



#29
Benzo(g,h,i)perylene
Concen: 0.796 ng/ul m
RT: 25.765 min Scan# 5637
Delta R.T. -0.064 min
Lab File: BM046193.D
Acq: 22 Jun 2024 12:12



Tgt Ion:276 Resp: 31812
Ion Ratio Lower Upper
276 100
138 26.0 21.7 32.5
277 28.2 20.4 30.6

