

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046396.D
 Acq On : 06 Jul 2024 00:31
 Operator : MA/JU
 Sample : P3010-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B66

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 01:15:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 16:01:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	9962	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	30376	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	18397	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.930	188	37531	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	19777	0.400	ng/ul	0.00
23) Perylene-d12	23.291	264	16965m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	27499	2.672	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	10146	0.226	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	18457	0.266	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	5542	0.069	ng/ul	97
7) 2-Methylnaphthalene	11.976	142	2474	0.045	ng/ul	94
8) 1-Methylnaphthalene	12.196	142	2031	0.036	ng/ul	98
10) Acenaphthylene	13.896	152	7990	0.086	ng/ul	98
11) Acenaphthene	14.243	153	7240	0.119	ng/ul	99
12) Fluorene	15.238	166	8389	0.117	ng/ul	98
15) Phenanthrene	16.972	178	150420	1.338	ng/ul	98
16) Anthracene	17.065	178	28725	0.263	ng/ul	99
19) Fluoranthene	18.997	202	234769	2.348	ng/ul	100
20) Pyrene	19.365	202	198718	1.932	ng/ul	96
21) Benzo(a)anthracene	21.119	228	91666	1.037	ng/ul	95
22) Chrysene	21.169	228	88585	1.008	ng/ul	98
24) Benzo(b)fluoranthene	22.654	252	107232m	1.487	ng/ul	
25) Benzo(k)fluoranthene	22.692	252	34256m	0.471	ng/ul	
26) Benzo(a)pyrene	23.197	252	70132	1.230	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.433	276	48356	0.628	ng/ul	95
28) Dibenzo(a,h)anthracene	25.447	278	11424	0.192	ng/ul#	88
29) Benzo(g,h,i)perylene	26.077	276	48881	0.796	ng/ul	99

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

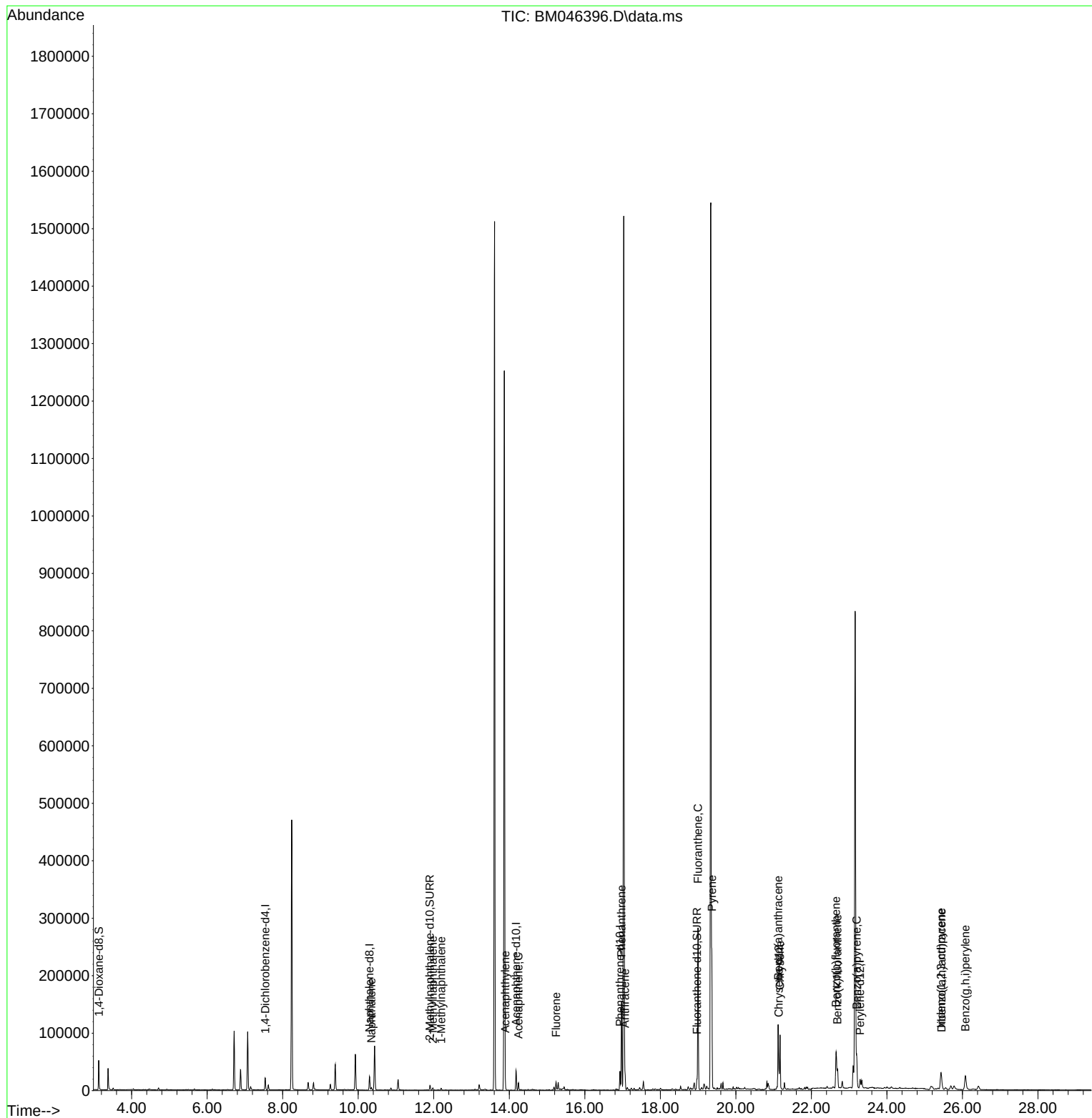
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046396.D
Acq On : 06 Jul 2024 00:31
Operator : MA/JU
Sample : P3010-13
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ALS Vial : 21 Sample Multiplier: 1

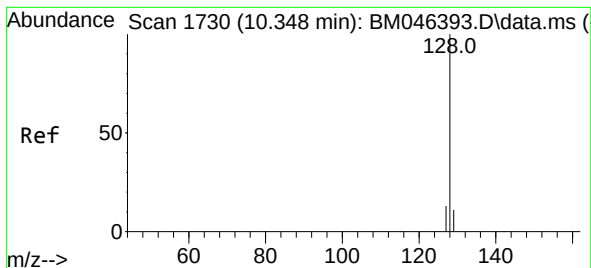
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#5

Naphthalene

Concen: 0.069 ng/ul

RT: 10.348 min Scan# 1730

Delta R.T. -0.004 min

Lab File: BM046396.D

Acq: 06 Jul 2024 00:31

Instrument :

BNA_M

ClientSampleId :

A4B66

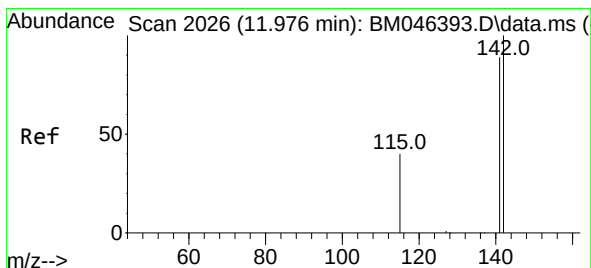
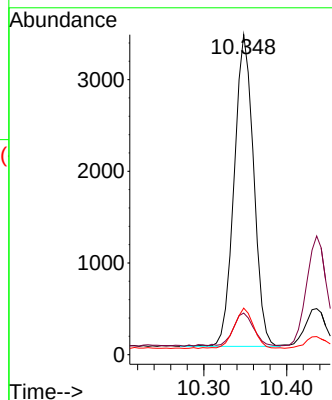
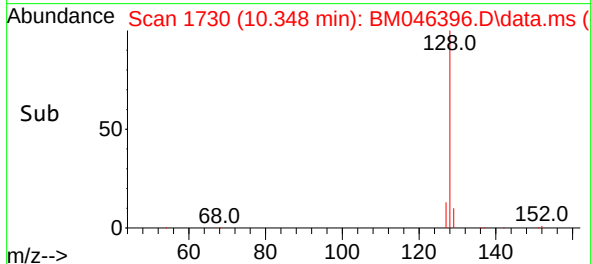
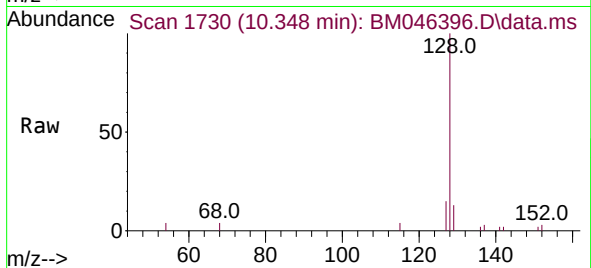
Tgt Ion:128	Resp:	554
Ion Ratio	Lower	Upper
128	100	
129	13.0	9.4 14.0
127	14.6	10.8 16.2

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Supervised By :mohammad ahmed 07/08/2024



#7

2-Methylnaphthalene

Concen: 0.045 ng/ul

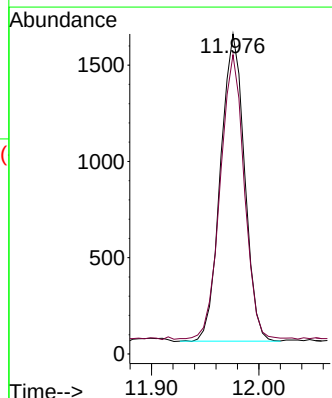
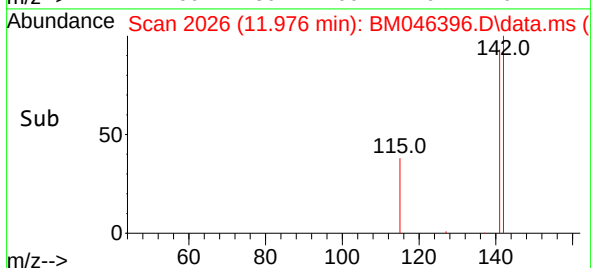
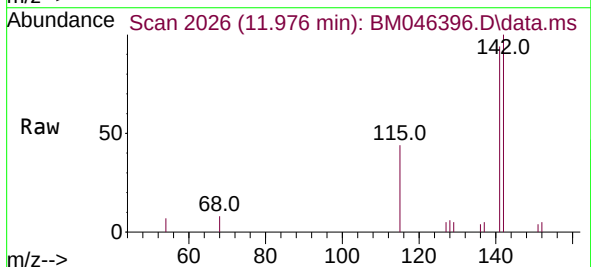
RT: 11.976 min Scan# 2026

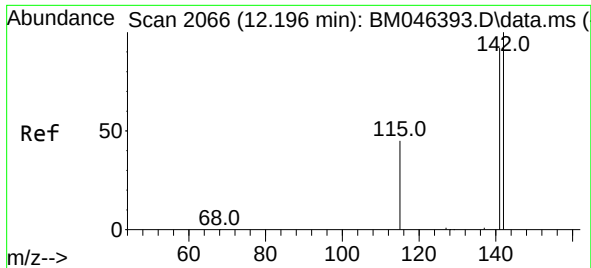
Delta R.T. -0.004 min

Lab File: BM046396.D

Acq: 06 Jul 2024 00:31

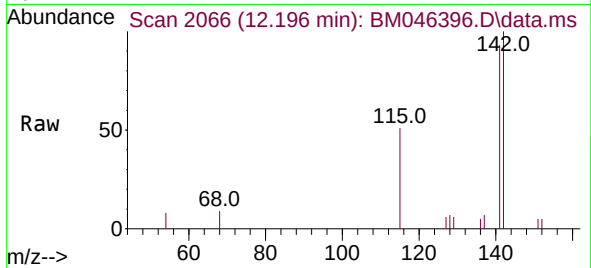
Tgt Ion:142	Resp:	2474
Ion Ratio	Lower	Upper
142	100	
141	92.6	69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.004 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

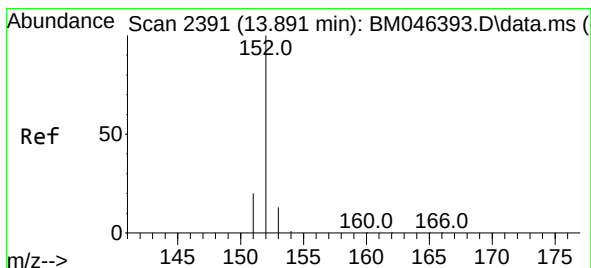
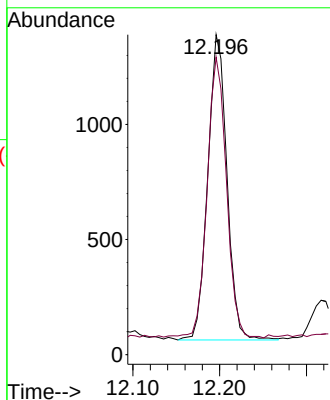
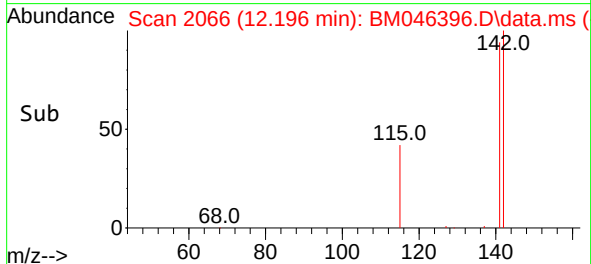
Instrument :
BNA_M
ClientSampleId :
A4B66



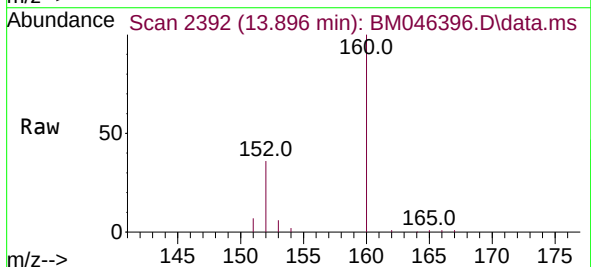
Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
141 92.8 72.4 108.6

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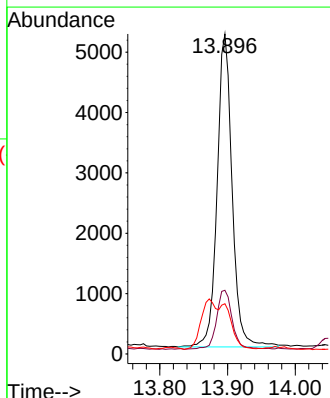
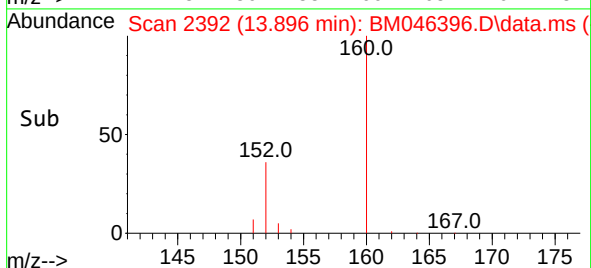
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

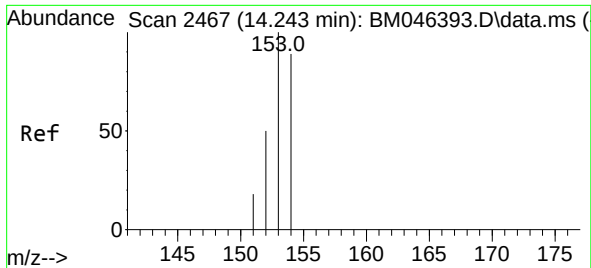


#10
Acenaphthylene
Concen: 0.086 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31



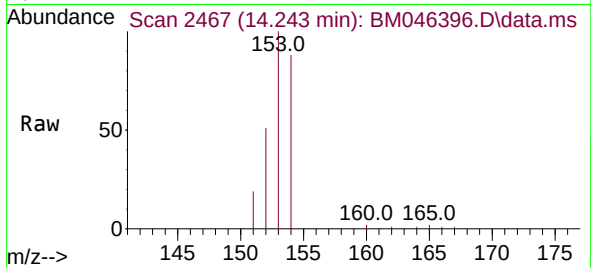
Tgt Ion:152 Resp: 7990
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 15.7 11.0 16.6





#11
Acenaphthene
Concen: 0.119 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.003 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

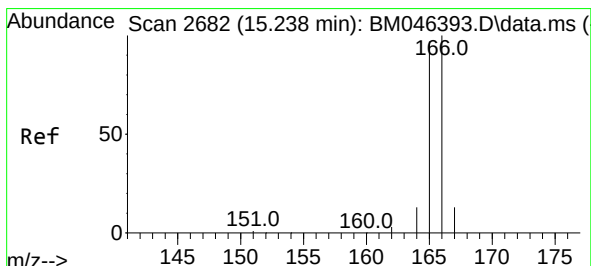
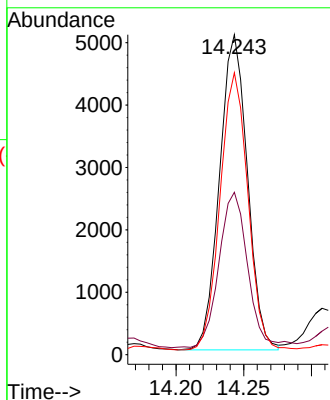
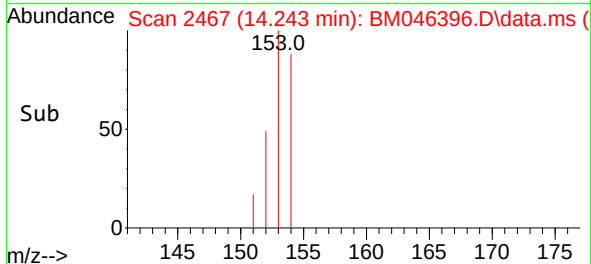
Instrument :
BNA_M
ClientSampleId :
A4B66



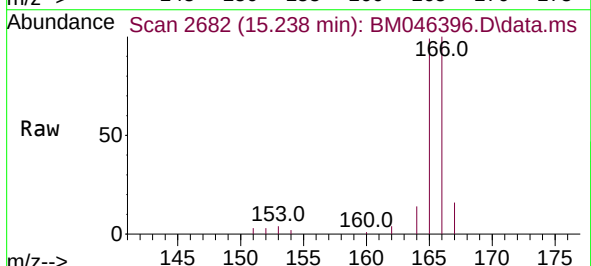
Tgt Ion:153 Resp: 7240
Ion Ratio Lower Upper
153 100
152 50.7 40.4 60.6
154 88.1 72.1 108.1

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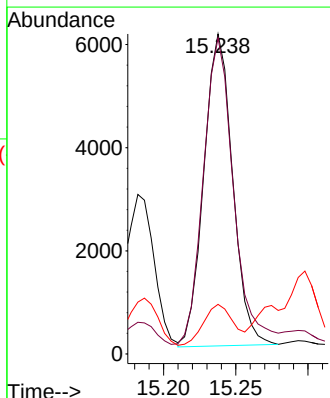
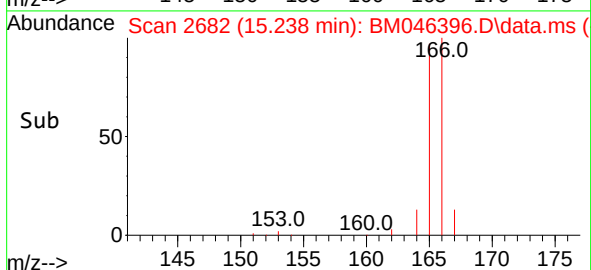
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

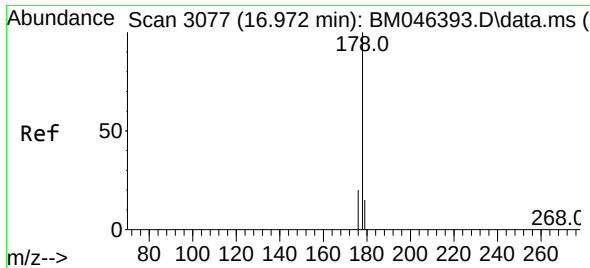


#12
Fluorene
Concen: 0.117 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31



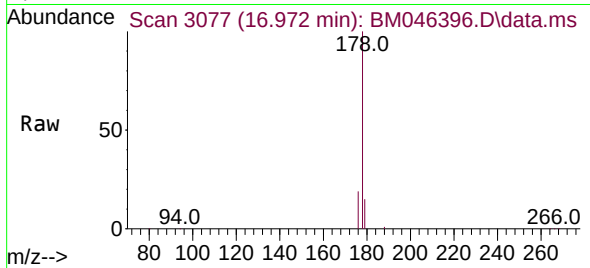
Tgt Ion:166 Resp: 8389
Ion Ratio Lower Upper
166 100
165 98.8 78.0 117.0
167 15.5 11.4 17.0





#15
Phenanthrene
Concen: 1.338 ng/u1
RT: 16.972 min Scan# 3077
Delta R.T. -0.003 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

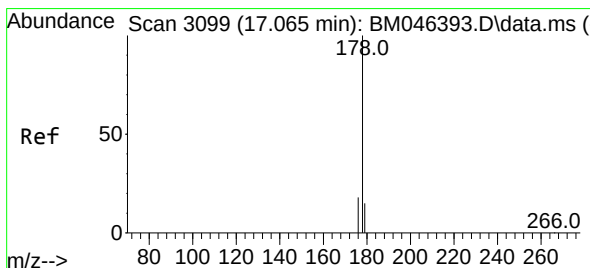
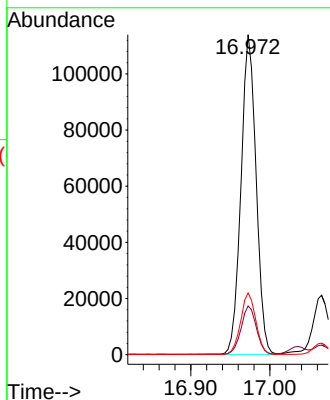
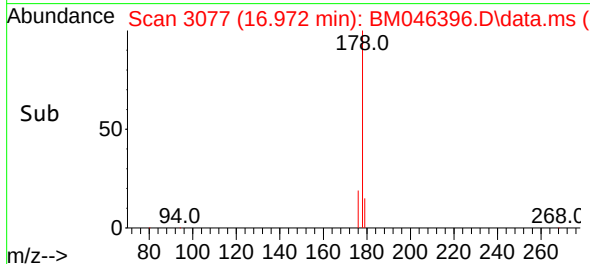
Instrument :
BNA_M
ClientSampleId :
A4B66



Tgt Ion:178 Resp: 150420
Ion Ratio Lower Upper
178 100
179 15.2 12.7 19.1
176 19.3 16.0 24.0

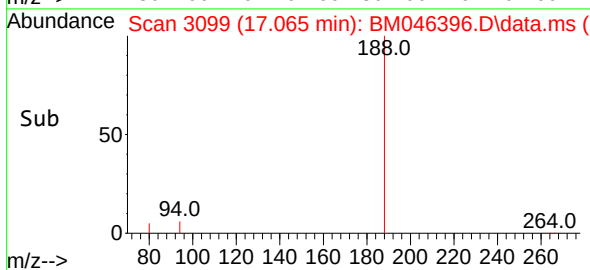
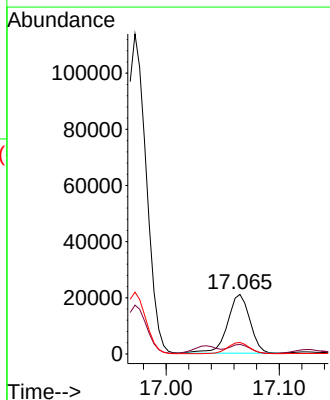
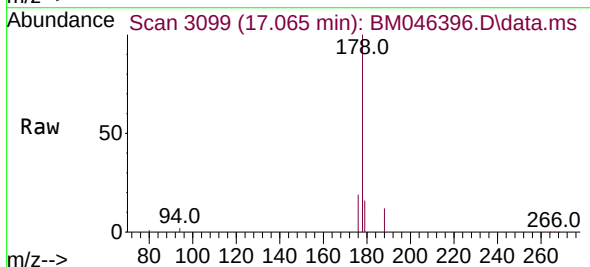
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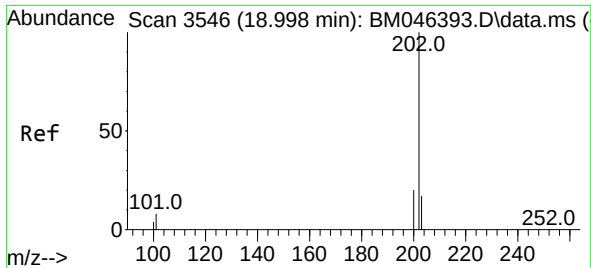
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#16
Anthracene
Concen: 0.263 ng/u1
RT: 17.065 min Scan# 3099
Delta R.T. -0.003 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

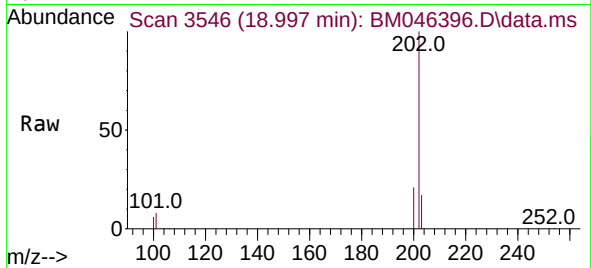
Tgt Ion:178 Resp: 28725
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.4 14.9 22.3





#19
Fluoranthene
Concen: 2.348 ng/ul
RT: 18.997 min Scan# 3546
Delta R.T. -0.008 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

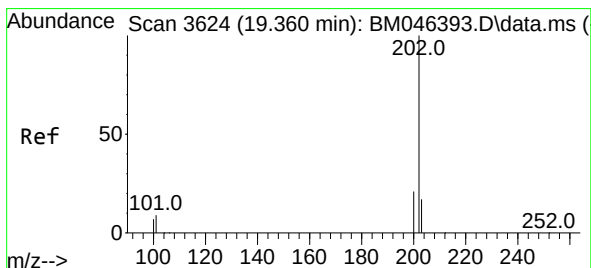
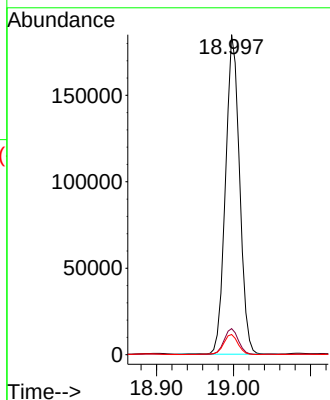
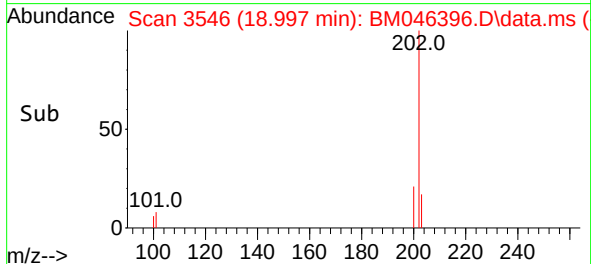
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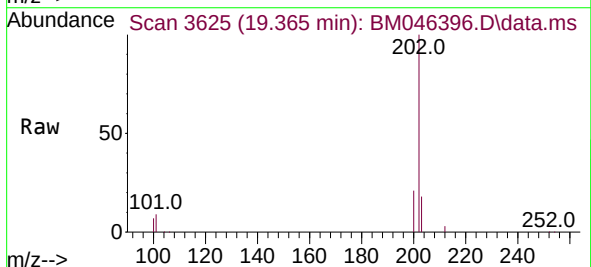
Tgt Ion:202 Resp: 234769
Ion Ratio Lower Upper
202 100
101 8.2 6.3 9.5
100 6.3 5.0 7.6

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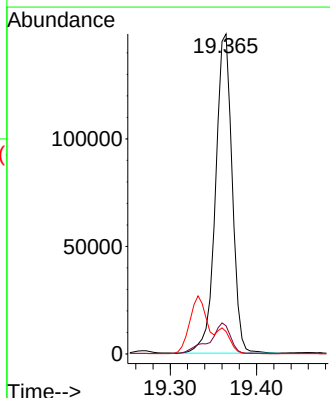
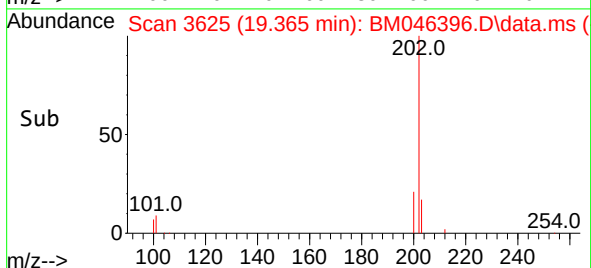
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Supervised By :mohammad ahmed 07/08/2024

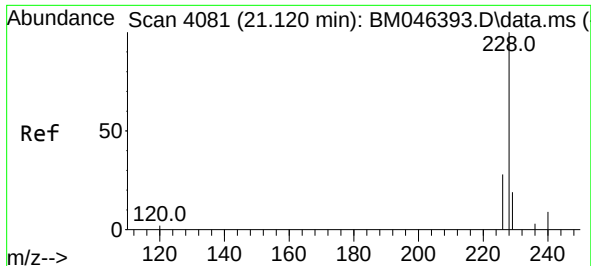


#20
Pyrene
Concen: 1.932 ng/ul
RT: 19.365 min Scan# 3625
Delta R.T. 0.001 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31



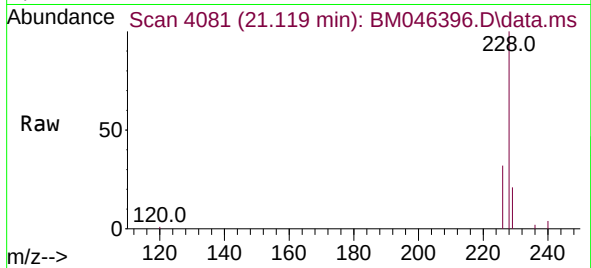
Tgt Ion:202 Resp: 198718
Ion Ratio Lower Upper
202 100
101 8.8 8.2 12.4
100 7.0 6.9 10.3





#21
Benzo(a)anthracene
Concen: 1.037 ng/ul
RT: 21.119 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

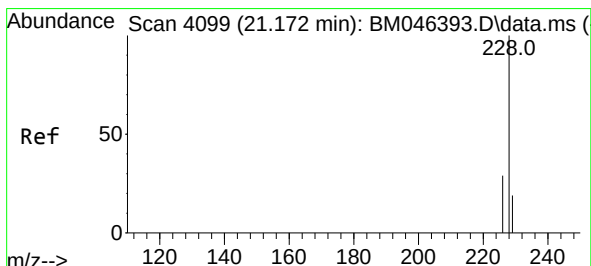
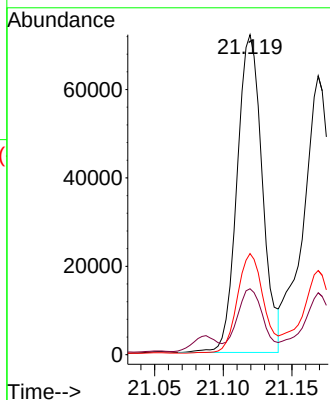
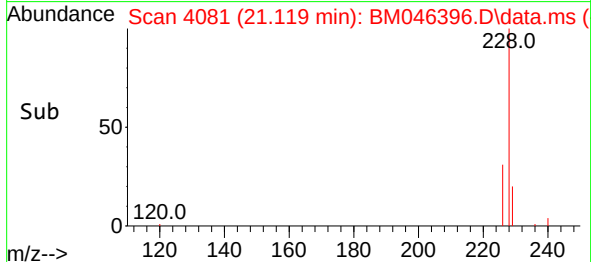
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Tgt Ion:228 Resp: 91660
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 31.6 22.0 33.0

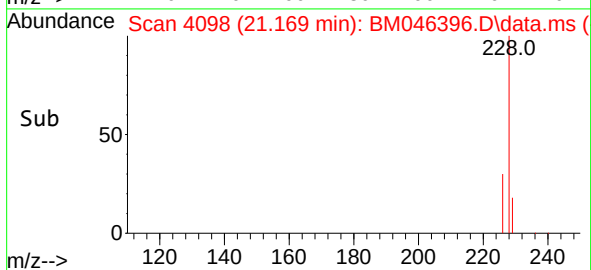
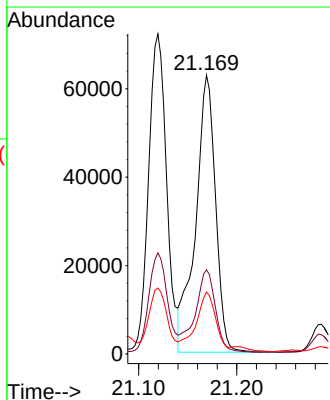
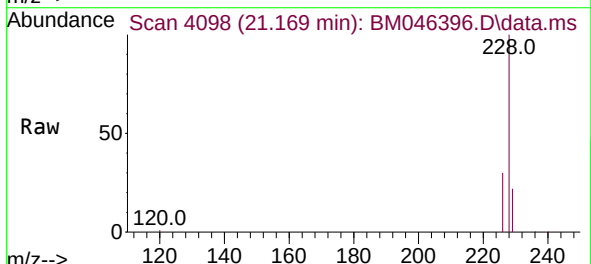
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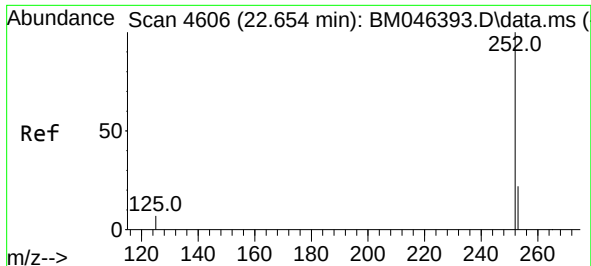
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#22
Chrysene
Concen: 1.008 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.009 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

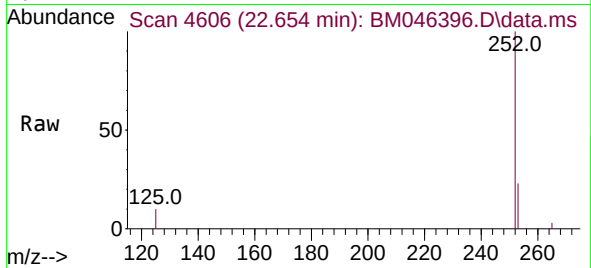
Tgt Ion:228 Resp: 88585
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.487 ng/ul m
RT: 22.654 min Scan# 4606
Delta R.T. -0.009 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

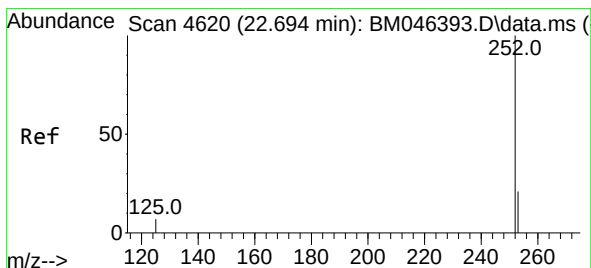
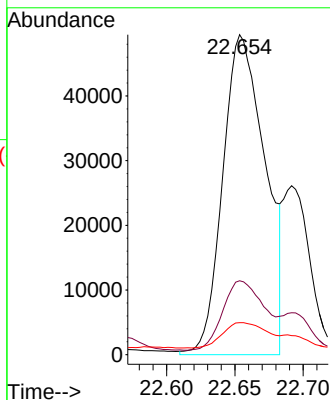
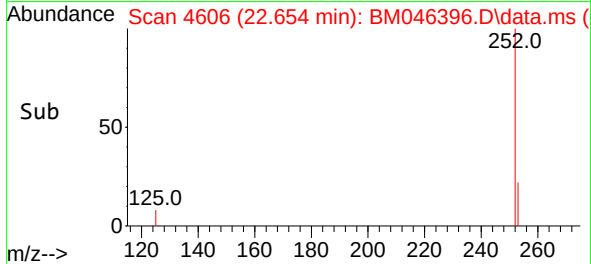
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Tgt Ion:252 Resp: 10723
Ion Ratio Lower Upper
252 100
253 23.1 0.0 47.0
125 10.0 0.0 18.4

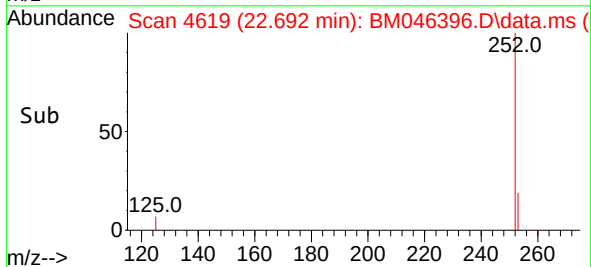
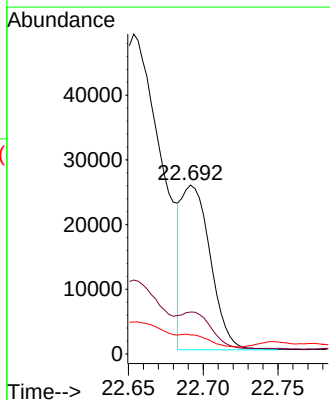
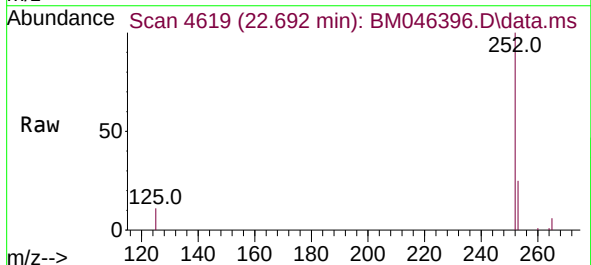
Manual Integrations
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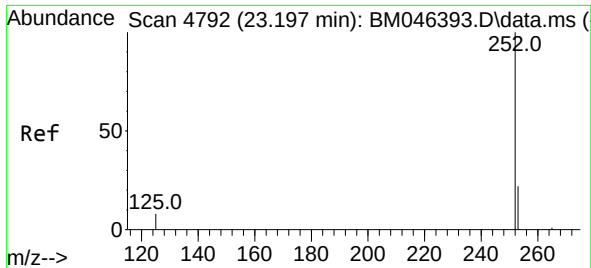
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#25
Benzo(k)fluoranthene
Concen: 0.471 ng/ul m
RT: 22.692 min Scan# 4619
Delta R.T. -0.015 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

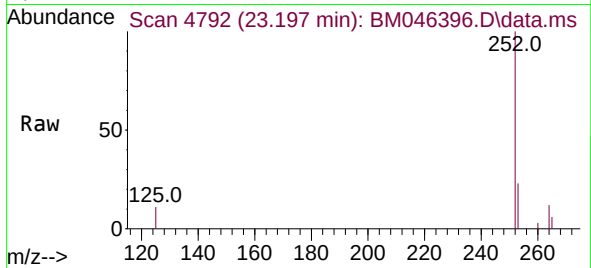
Tgt Ion:252 Resp: 34256
Ion Ratio Lower Upper
252 100
253 24.8 18.4 27.6
125 11.3 7.5 11.3





#26
Benzo(a)pyrene
Concen: 1.230 ng/ul
RT: 23.197 min Scan# 4792
Delta R.T. -0.012 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

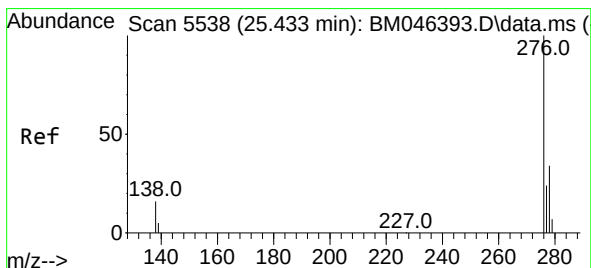
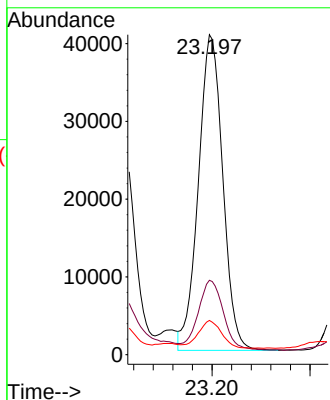
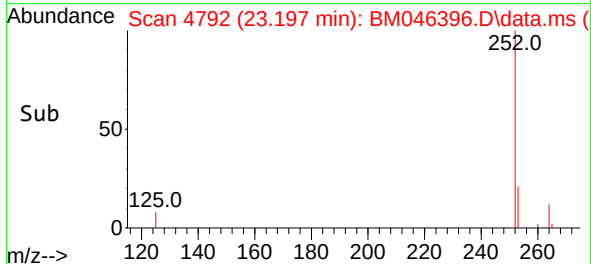
Instrument :
BNA_M
ClientSampleId :
A4B66



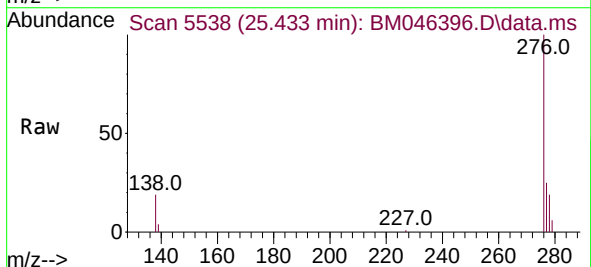
Tgt Ion:252 Resp: 70132
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 10.7 8.1 12.1

Manual Integrations
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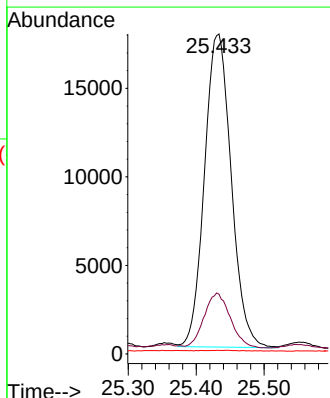
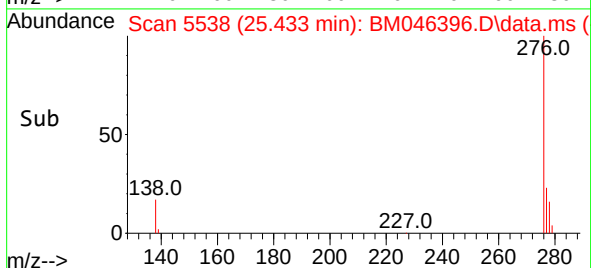
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

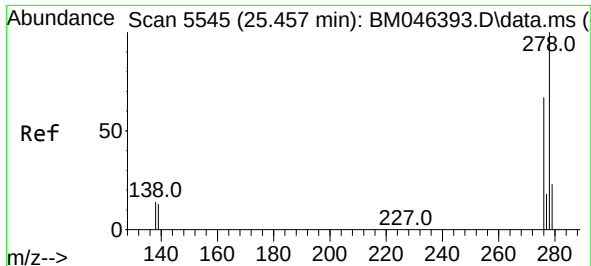


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.628 ng/ul
RT: 25.433 min Scan# 5538
Delta R.T. -0.014 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31



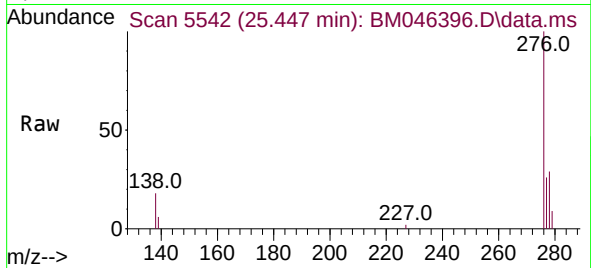
Tgt Ion:276 Resp: 48356
Ion Ratio Lower Upper
276 100
138 17.2 15.7 23.5
227 0.1 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.192 ng/ul
RT: 25.447 min Scan# 51
Delta R.T. -0.027 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

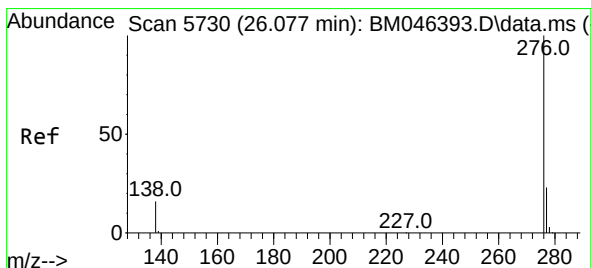
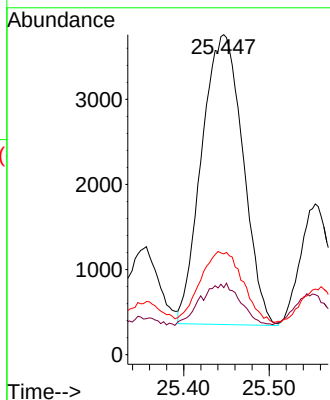
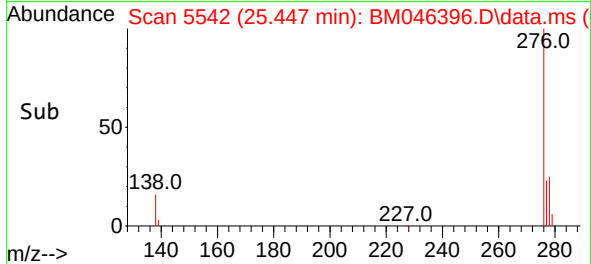
Instrument :
BNA_M
ClientSampleId :
A4B66



Tgt Ion:278 Resp: 11424
Ion Ratio Lower Upper
278 100
139 20.9 12.6 18.8
279 31.5 20.7 31.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#29
Benzo(g,h,i)perylene
Concen: 0.796 ng/ul
RT: 26.077 min Scan# 5730
Delta R.T. -0.014 min
Lab File: BM046396.D
Acq: 06 Jul 2024 00:31

Tgt Ion:276 Resp: 48881
Ion Ratio Lower Upper
276 100
138 18.6 15.4 23.0
277 24.4 19.7 29.5

