

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
 Data File : BM046395.D
 Acq On : 05 Jul 2024 23:53
 Operator : MA/JU
 Sample : P3010-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CW0

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 00:24:53 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	7.535	152	4510	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	12310	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.181	164	8208	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.929	188	19952	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240	15297	0.400	ng/ul	# 0.00
23) Perylene-d12	23.294	264	16034	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.130	96	13630	2.926	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.903	152	3538	0.194	ng/ul	0.00
18) Fluoranthene-d10	18.968	212	11776	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	7498	0.229	ng/ul	98
7) 2-Methylnaphthalene	11.974	142	2868	0.130	ng/ul	100
8) 1-Methylnaphthalene	12.200	142	2120	0.093	ng/ul	98
10) Acenaphthylene	13.895	152	12825	0.308	ng/ul	99
11) Acenaphthene	14.242	153	8684	0.320	ng/ul	99
12) Fluorene	15.236	166	11513	0.359	ng/ul	98
14) Pentachlorophenol	16.583	266	234	0.040	ng/ul	95
15) Phenanthrene	16.971	178	278587	4.663	ng/ul	99
16) Anthracene	17.064	178	49086	0.847	ng/ul	99
19) Fluoranthene	19.001	202	713596	9.229	ng/ul	97
20) Pyrene	19.363	202	494606	6.217	ng/ul	96
21) Benzo(a)anthracene	21.120	228	294158	4.304	ng/ul	97
22) Chrysene	21.172	228	315449	4.642	ng/ul	98
24) Benzo(b)fluoranthene	22.657	252	409726m	6.011	ng/ul	
25) Benzo(k)fluoranthene	22.695	252	151693m	2.204	ng/ul	
26) Benzo(a)pyrene	23.201	252	145632	2.703	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.434	276	147771	2.030	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.454	278	45703	0.812	ng/ul	97
29) Benzo(g,h,i)perylene	26.081	276	22884	0.394	ng/ul#	91

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

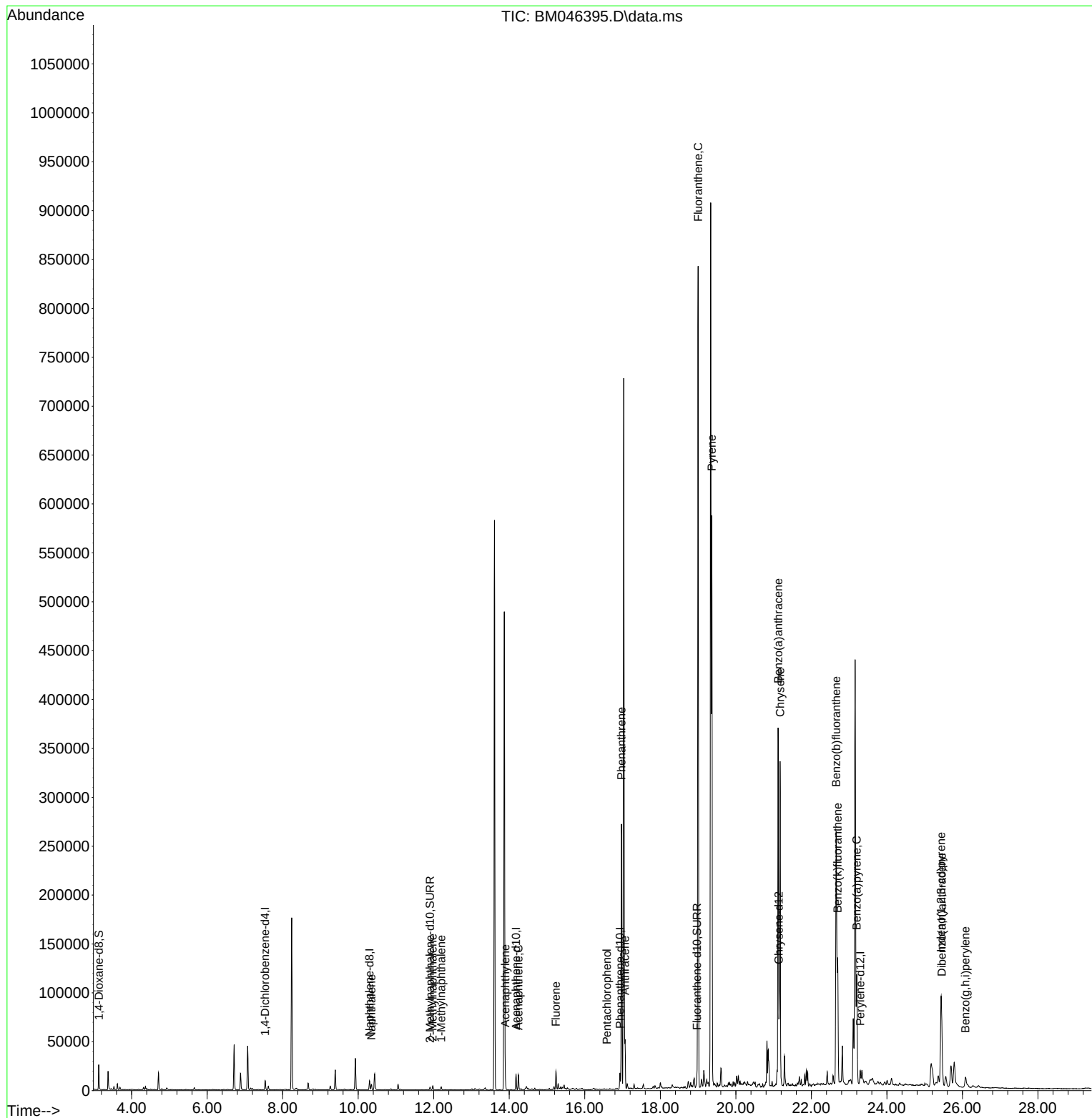
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070524\
Data File : BM046395.D
Acq On : 05 Jul 2024 23:53
Operator : MA/JU
Sample : P3010-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

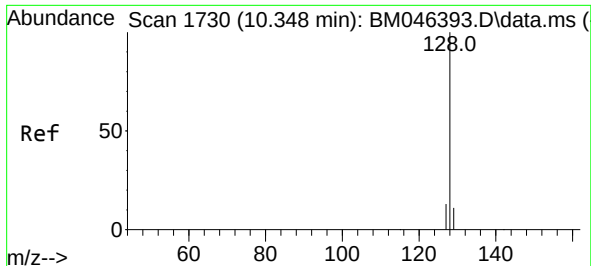
Instrument :
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Quant Time: Jul 06 00:24:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM070524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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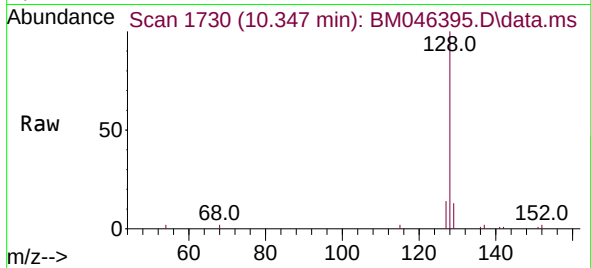
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024





#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.005 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

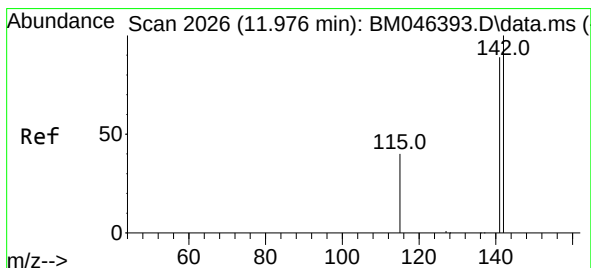
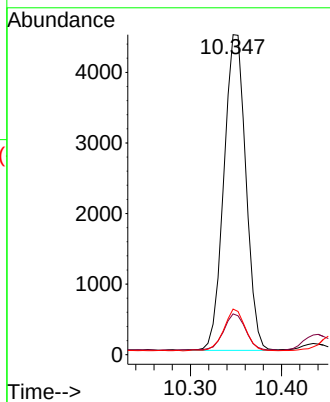
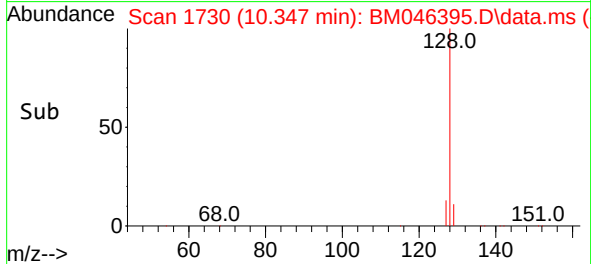
Instrument :
BNA_M
ClientSampleId :
A4CW0



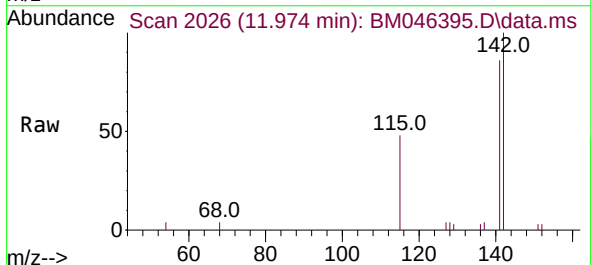
Tgt Ion:128 Resp: 7498
Ion Ratio Lower Upper
128 100
129 12.8 9.4 14.0
127 14.2 10.8 16.2

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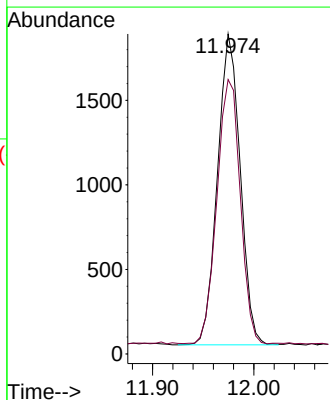
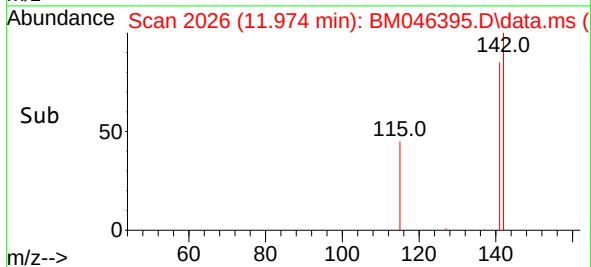
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

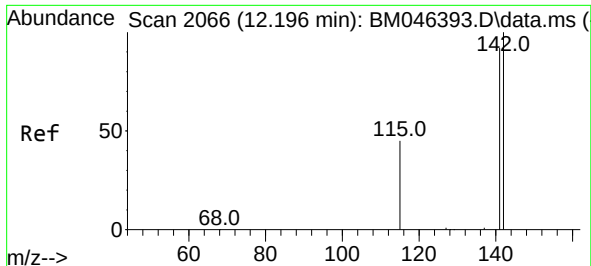


#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.005 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53



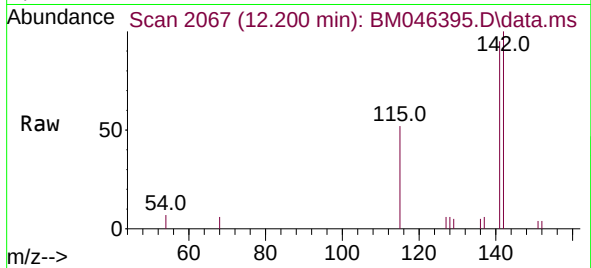
Tgt Ion:142 Resp: 2868
Ion Ratio Lower Upper
142 100
141 87.2 69.8 104.6





#8
1-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.200 min Scan# 2067
Delta R.T. 0.000 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

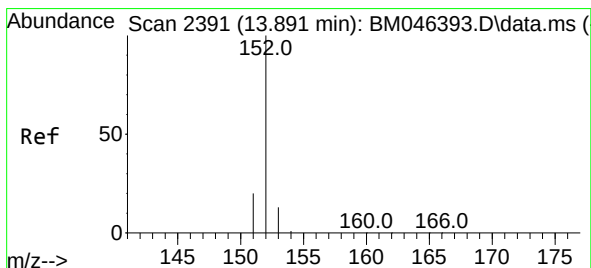
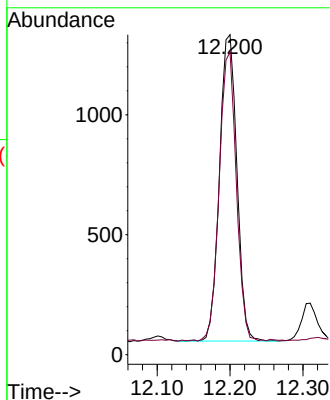
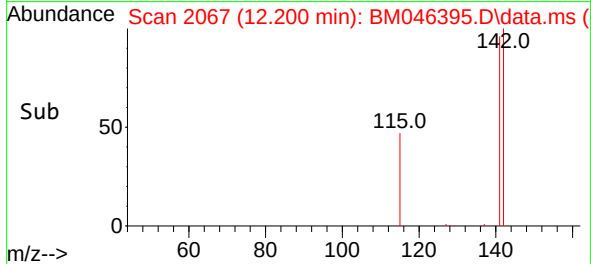
Instrument :
BNA_M
ClientSampleId :
A4CW0



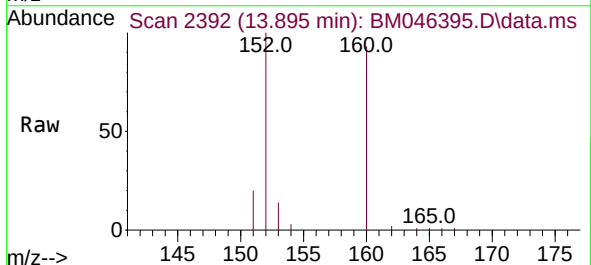
Tgt Ion:142 Resp: 2120
Ion Ratio Lower Upper
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141 92.2 72.4 108.6

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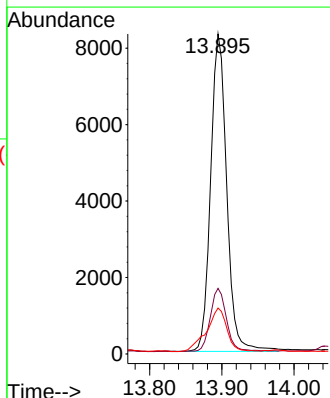
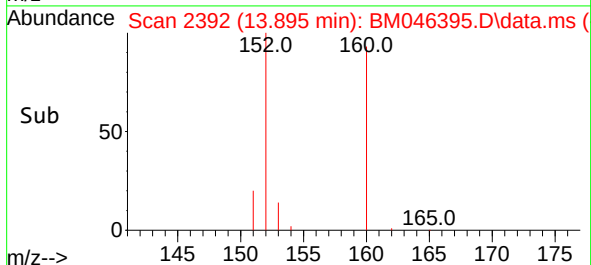
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

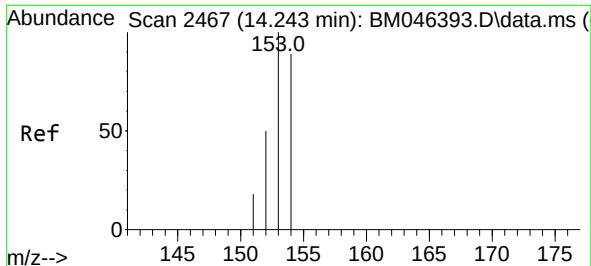


#10
Acenaphthylene
Concen: 0.308 ng/ul
RT: 13.895 min Scan# 2392
Delta R.T. -0.005 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53



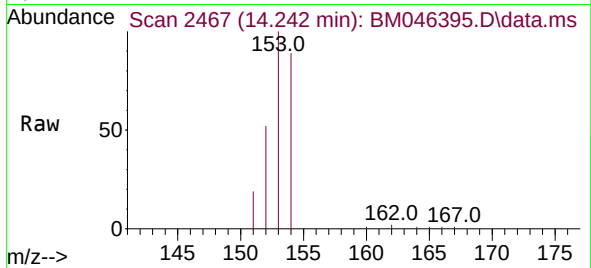
Tgt Ion:152 Resp: 12825
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 14.3 11.0 16.6





#11
Acenaphthene
Concen: 0.320 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.005 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

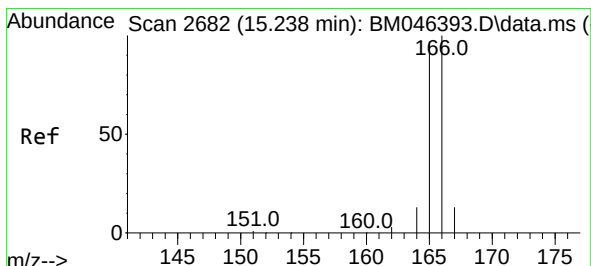
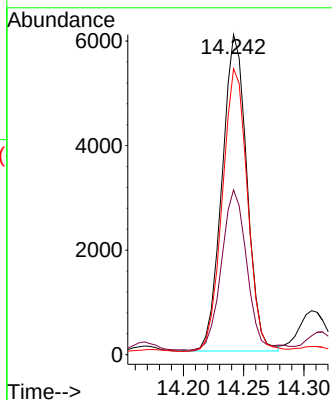
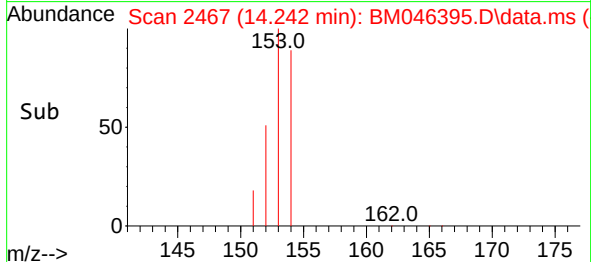
Instrument :
BNA_M
ClientSampleId :
A4CW0



Tgt Ion:153 Resp: 8684
Ion Ratio Lower Upper
153 100
152 51.5 40.4 60.6
154 89.4 72.1 108.1

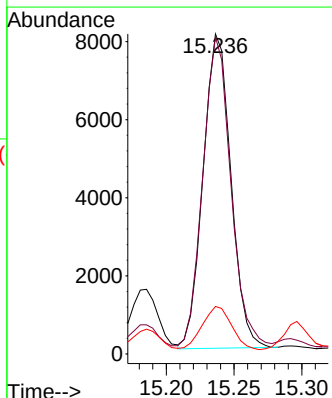
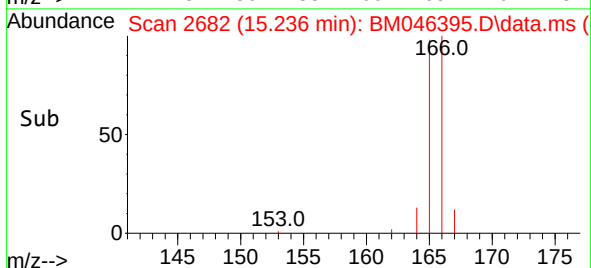
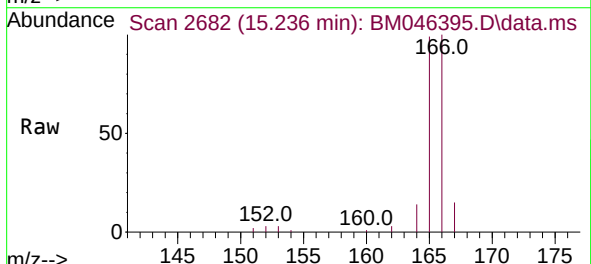
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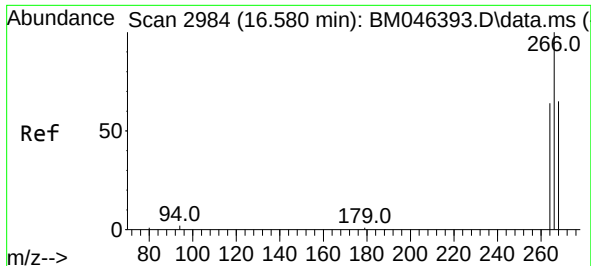
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.236 min Scan# 2682
Delta R.T. -0.005 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

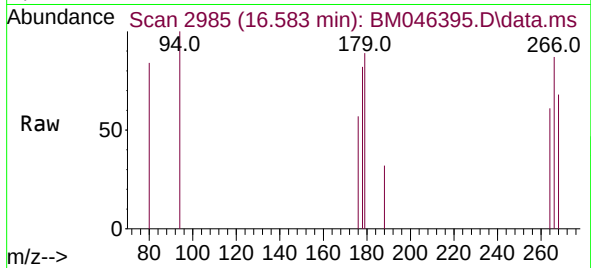
Tgt Ion:166 Resp: 11513
Ion Ratio Lower Upper
166 100
165 99.1 78.0 117.0
167 14.9 11.4 17.0





#14
Pentachlorophenol
Concen: 0.040 ng/ul
RT: 16.583 min Scan# 2984
Delta R.T. -0.004 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

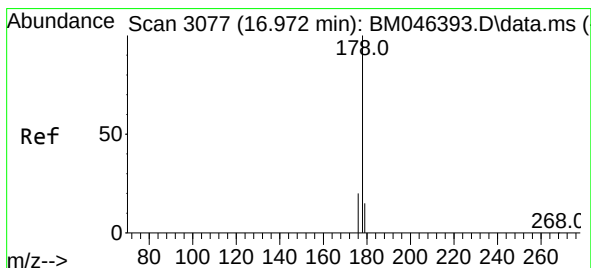
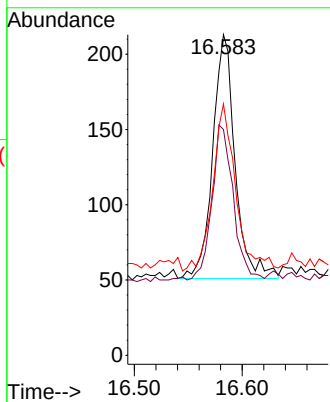
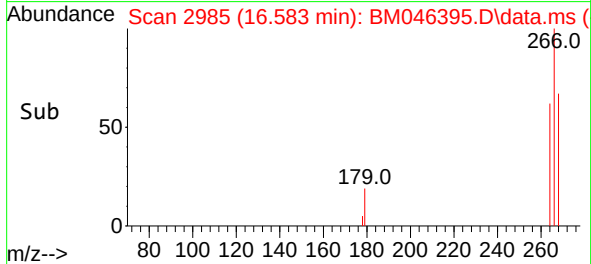
Instrument :
BNA_M
ClientSampleId :
A4CW0



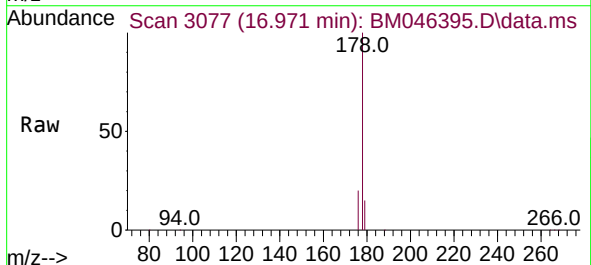
Tgt Ion:266 Resp: 234
Ion Ratio Lower Upper
266 100
264 60.3 51.0 76.6
268 67.1 50.8 76.2

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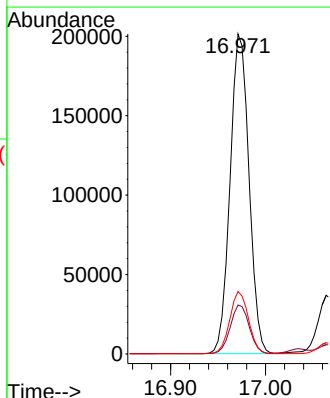
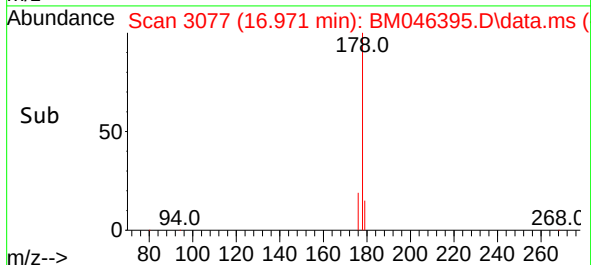
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

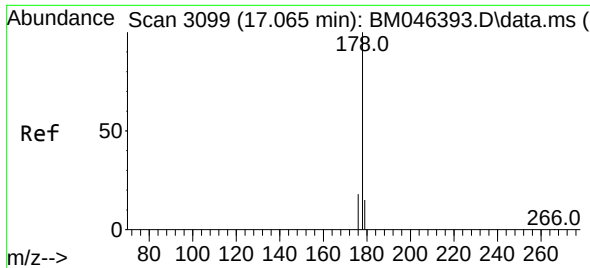


#15
Phenanthrene
Concen: 4.663 ng/ul
RT: 16.971 min Scan# 3077
Delta R.T. -0.004 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53



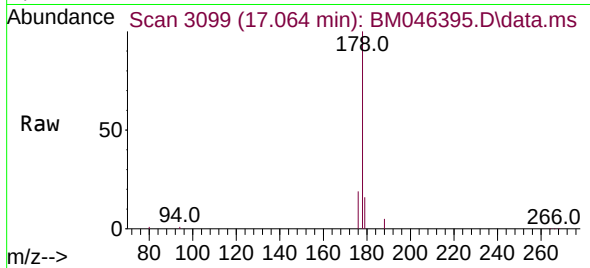
Tgt Ion:178 Resp: 278587
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.5 16.0 24.0





#16
 Anthracene
 Concen: 0.847 ng/u1
 RT: 17.064 min Scan# 3099
 Delta R.T. -0.004 min
 Lab File: BM046395.D
 Acq: 05 Jul 2024 23:53

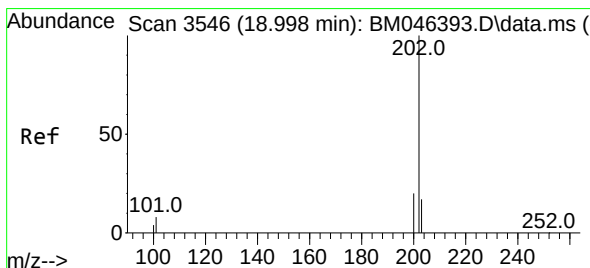
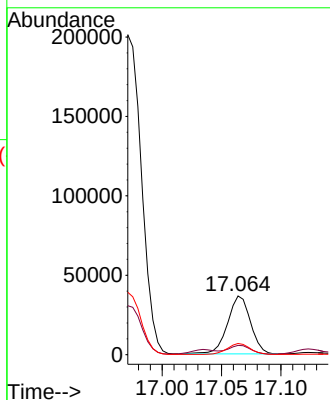
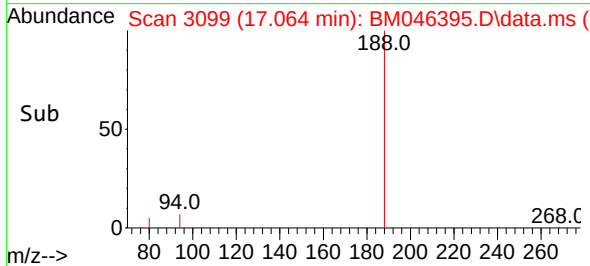
Instrument :
 BNA_M
 ClientSampleId :
 A4CW0



Tgt Ion:178 Resp: 49080
 Ion Ratio Lower Upper
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 179 15.9 12.6 18.8
 176 19.1 14.9 22.3

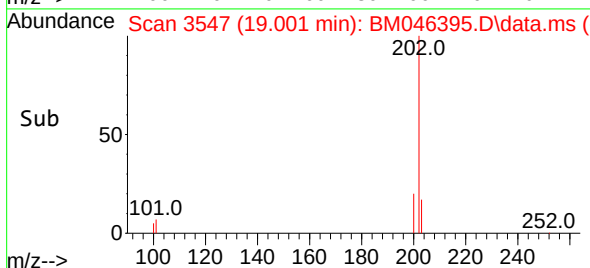
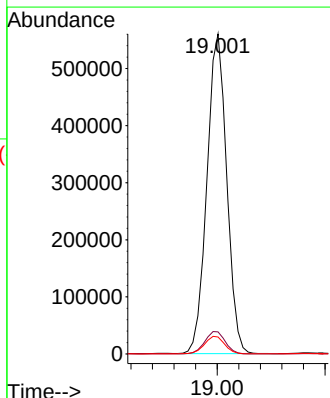
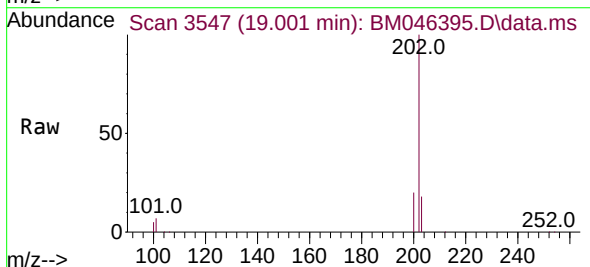
Manual Integrations
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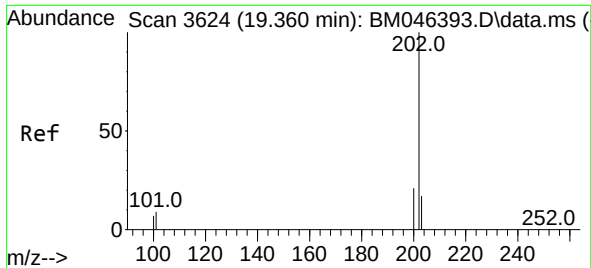
Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



#19
 Fluoranthene
 Concen: 9.229 ng/u1
 RT: 19.001 min Scan# 3547
 Delta R.T. -0.005 min
 Lab File: BM046395.D
 Acq: 05 Jul 2024 23:53

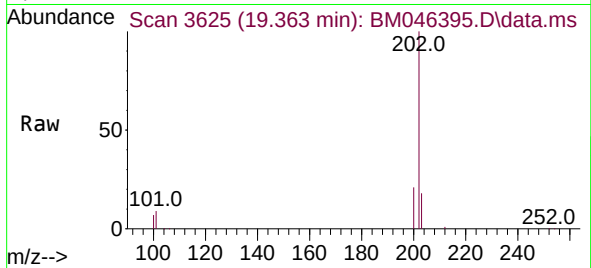
Tgt Ion:202 Resp: 713596
 Ion Ratio Lower Upper
 202 100
 101 6.9 6.3 9.5
 100 5.3 5.0 7.6





#20
Pyrene
Concen: 6.217 ng/ul
RT: 19.363 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

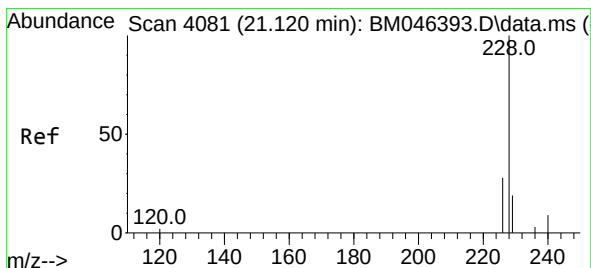
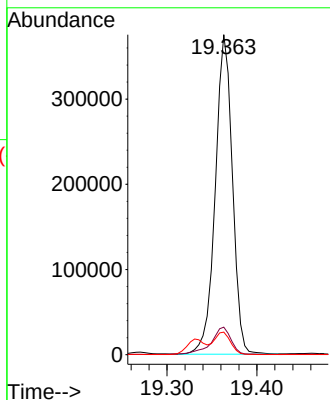
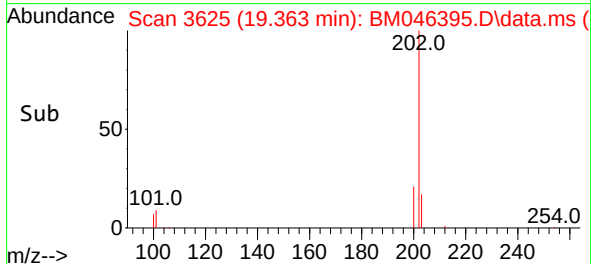
Instrument :
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Tgt Ion:202 Resp: 494600
Ion Ratio Lower Upper
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101 8.6 8.2 12.4
100 7.1 6.9 10.3

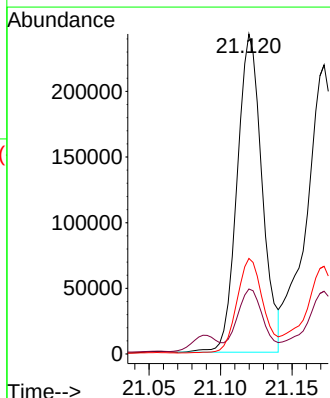
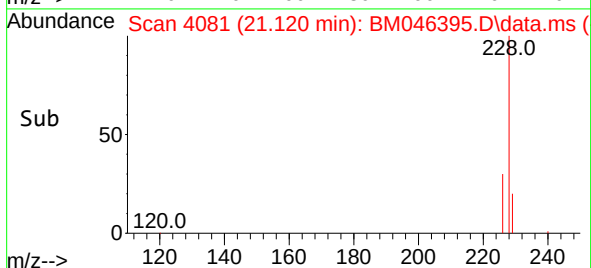
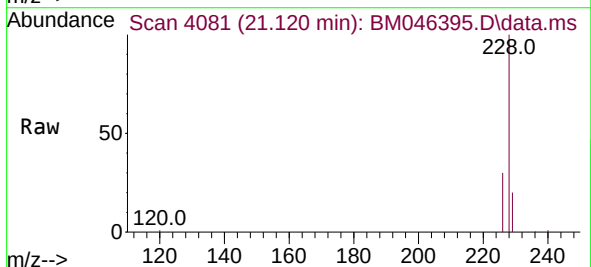
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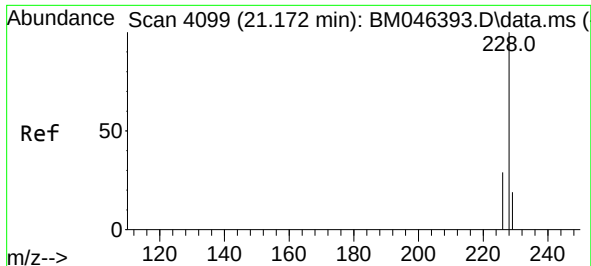
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#21
Benzo(a)anthracene
Concen: 4.304 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

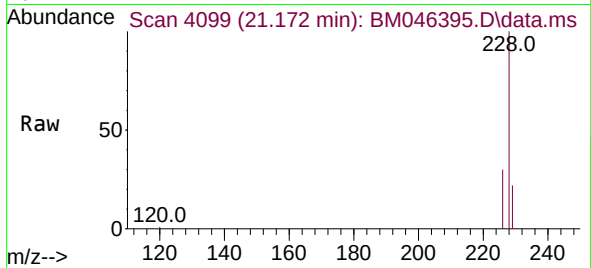
Tgt Ion:228 Resp: 294158
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 29.8 22.0 33.0





#22
Chrysene
Concen: 4.642 ng/ul
RT: 21.172 min Scan# 4099
Delta R.T. -0.006 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

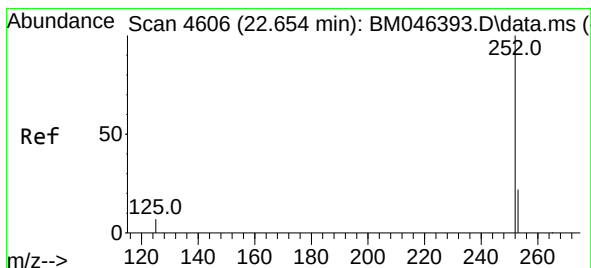
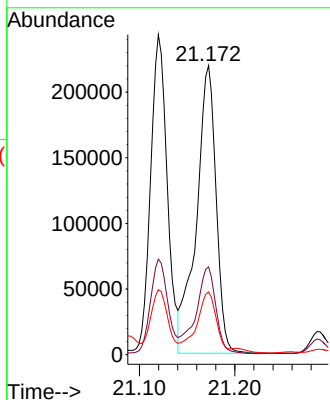
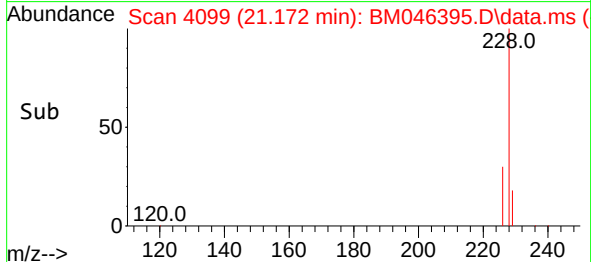
Instrument :
BNA_M
ClientSampleId :
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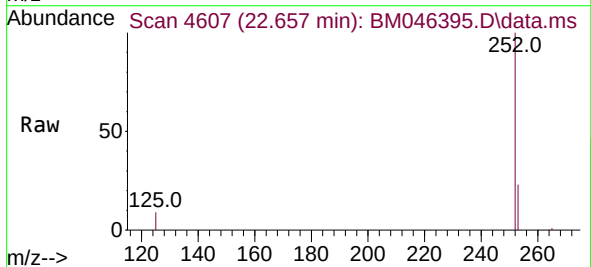
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Ion Ratio Lower Upper
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226 30.3 24.1 36.1
229 21.7 15.8 23.6

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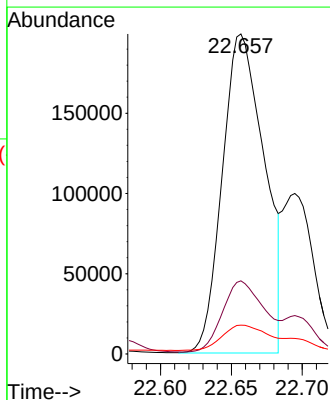
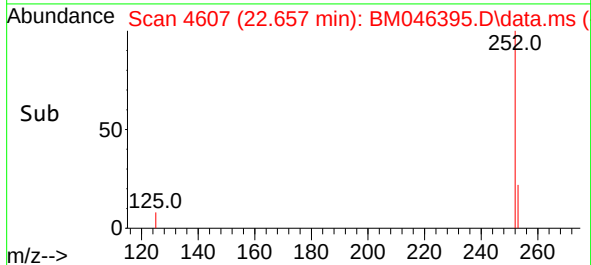
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

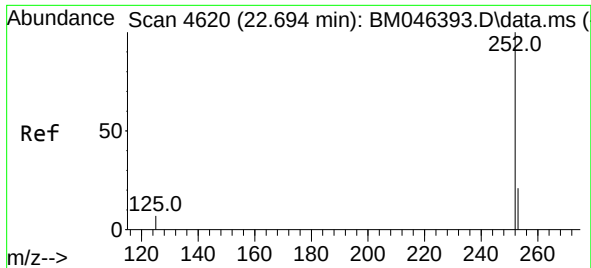


#24
Benzo(b)fluoranthene
Concen: 6.011 ng/ul m
RT: 22.657 min Scan# 4607
Delta R.T. -0.006 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53



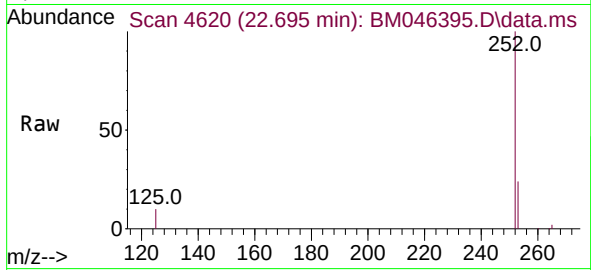
Tgt Ion:252 Resp: 409726
Ion Ratio Lower Upper
252 100
253 22.8 0.0 47.0
125 9.0 0.0 18.4





#25
Benzo(k)fluoranthene
Concen: 2.204 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.012 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

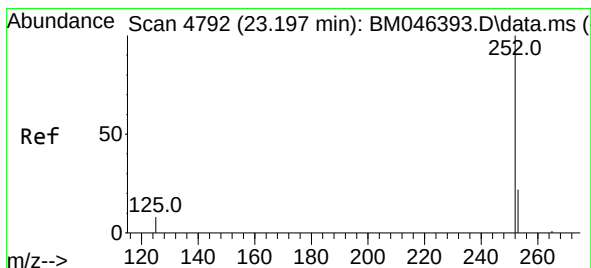
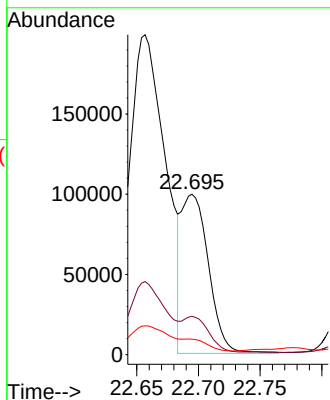
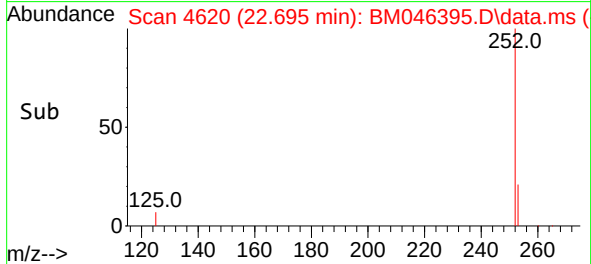
Instrument :
BNA_M
ClientSampleId :
A4CW0



Tgt Ion:252 Resp: 15169
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 9.6 7.5 11.3

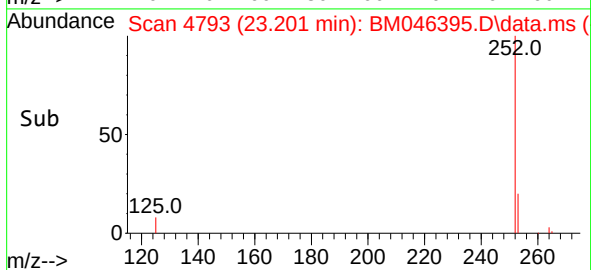
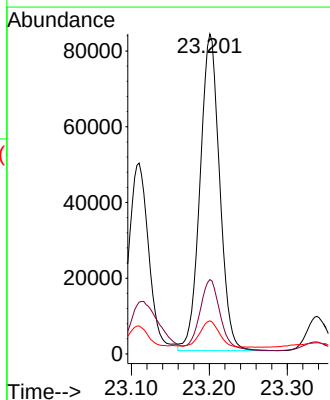
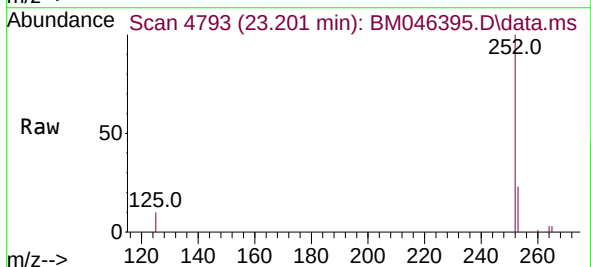
Manual Integrations
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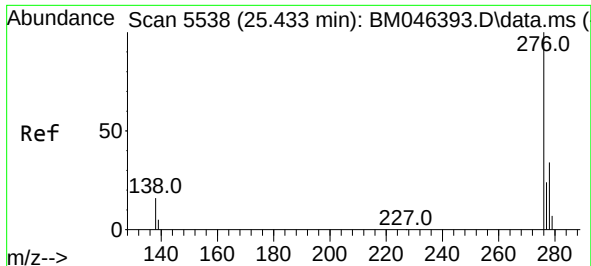
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#26
Benzo(a)pyrene
Concen: 2.703 ng/ul
RT: 23.201 min Scan# 4793
Delta R.T. -0.009 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

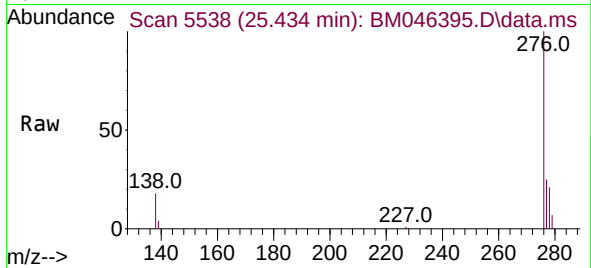
Tgt Ion:252 Resp: 145632
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 10.3 8.1 12.1





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.030 ng/ul
RT: 25.434 min Scan# 5538
Delta R.T. -0.013 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

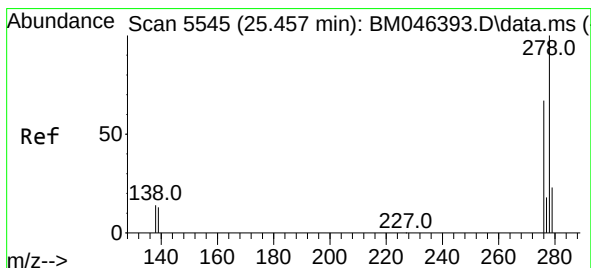
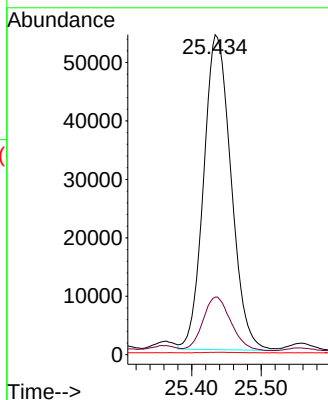
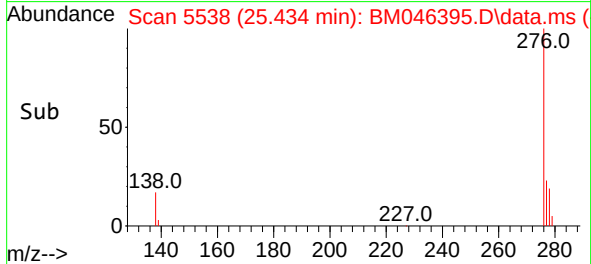
Instrument :
BNA_M
ClientSampleId :
A4CW0



Tgt Ion:276 Resp: 14777
Ion Ratio Lower Upper
276 100
138 17.4 15.7 23.5
227 0.2 0.1 0.1

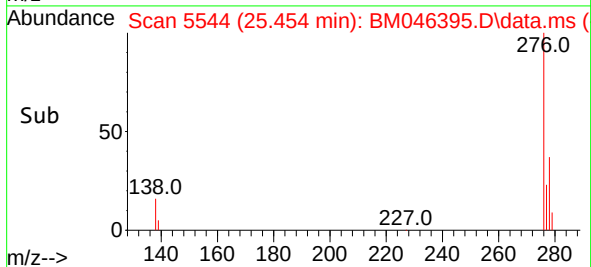
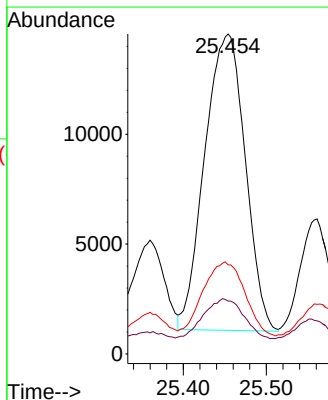
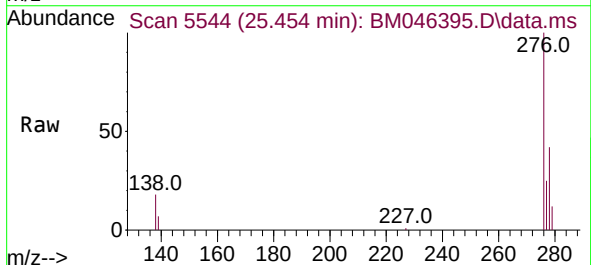
Manual Integrations
APPROVED

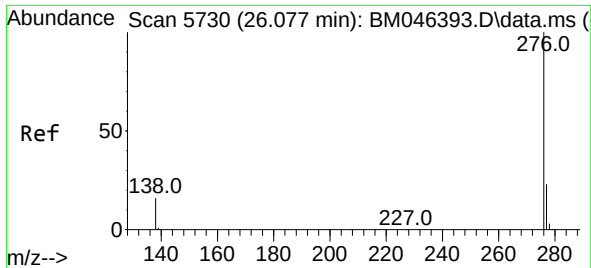
Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.812 ng/ul
RT: 25.454 min Scan# 5544
Delta R.T. -0.020 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

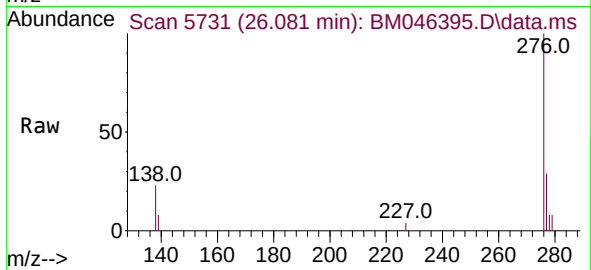
Tgt Ion:278 Resp: 45703
Ion Ratio Lower Upper
278 100
139 16.5 12.6 18.8
279 27.9 20.7 31.1





#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.081 min Scan# 51
Delta R.T. -0.010 min
Lab File: BM046395.D
Acq: 05 Jul 2024 23:53

Instrument :
BNA_M
ClientSampleId :
A4CW0



Tgt Ion:276 Resp: 22884
Ion Ratio Lower Upper
276 100
138 23.2 15.4 23.0
277 28.9 19.7 29.5

Manual Integrations
APPROVED

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

